

**DATA PACKAGE
SEMI-VOLATILE ORGANICS**

PROJECT NAME : RFP 905

**WESTON SOLUTIONS, INC.
1090 King Georges Post Road
Suite 201
Edison, NJ - 08837-3703
Phone No: 732-585-4410**

**ORDER ID : Q3447
ATTENTION : Smita Sumbaly**



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3447

Project ID : RFP 905

Client : Weston Solutions, Inc.

Lab Sample Number

Q3447-01
Q3447-02
Q3447-03
Q3447-04
Q3447-05
Q3447-06
Q3447-07
Q3447-08

Client Sample Number

P001-TW1-251023-01
P001-TW1-251023-01
P001-TW2-251023-01
P001-TW2-251023-01
P001-TW3-251023-01
P001-TW3-251023-01
P001-TW4-251023-01
P001-TW4-251023-01

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 11/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 905
Project # N/A
Order ID # Q3447
Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 10/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TCLP BNA. This data package contains results for TCLP BNA.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis except for P001-TW4-251023-01. Failed internal standard is not associated with TCLP reporting list , Therefor no further corrective action was taken.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Method 8270-BG102421.M for 2,4-Dinitrotoluene is passing on Linear regression.

The %RSD is greater than 20% in the Method 8270-BP102921.M for 2,4-Dinitrotoluene is passing on Linear regression.

The Continuous Calibration File ID BF144097.D met the requirements except for Terphenyl-d14. Which is not our target compound, therefore no corrective action taken.

The Continuous Calibration File ID BG064654.D met the requirements except for 2,4-Dinitrotoluene. Associated sample does not have hit for this compound, therefor no furhter corrective action was taken.

The Tuning criteria met requirements.

E. Calculation.

$$\text{Concentration ug/L} = \frac{(A_x) (I_s) (V_t) (DF) (GPC)}{(A_{is}) (RRF) (V_o) (V_i)}$$

Where,

A_x = Area of the characteristic ion for the compound to be measured.

A_{is} = Area of the characteristic ion for the internal standard.

I_s = Amount of internal standard injected in ng.

V_o = Volume of water extracted in mL.

V_i = Volume of extract injected in uL.

V_t = Volume of the concentrated extract in uL

RRF = Mean Relative Response Factor determined from the initial calibration standard.

GPC = V_{in} = GPC factor (If no GPC is performed, GPC=1)

V_{out}

F. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

G. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3447

MATRIX: TCLP

METHOD: 8270E/3510/1311

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓

The %RSD is greater than 20% in the Method 8270-BG102421.M for 2,4-Dinitrotoluene is passing on Linear regression.

The %RSD is greater than 20% in the Method 8270-BP102921.M for 2,4-Dinitrotoluene is passing on Linear regression.

The Continuous Calibration File ID BF144097.D met the requirements except for Terphenyl-d14. Which is not our target compound, therefore no corrective action taken.

The Continuous Calibration File ID BG064654.D met the requirements except for 2,4-Dinitrotoluene. Associated sample does not have hit for this compound, therefor no furhther corrective action was taken.

6.	Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
7.	Surrogate Recoveries Meet Criteria			✓

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

The Surrogate recoveries were met for all analysis.

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY
(CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all compounds.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas were met for all analysis except for P001-TW4-251023-01. Failed internal standard is not associated with TCLP reporting list , Therefor no further corrective action was taken.			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3447

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/06/2025

LAB CHRONICLE

OrderID:	Q3447	OrderDate:	10/23/2025 1:50:00 PM
Client:	Weston Solutions, Inc.	Project:	RFP 905
Contact:	Smita Sumbaly	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3447-01	P001-TW1-251023-01	SOIL	SVOC-TCL BNA -20	8270E	10/23/25	10/24/25	10/27/25	10/23/25
Q3447-01DL	P001-TW1-251023-01 DL	SOIL	SVOC-TCL BNA -20	8270E	10/23/25	10/24/25	10/28/25	10/23/25
Q3447-02	P001-TW1-251023-01	TCLP	TCLP BNA	8270E	10/23/25	10/27/25	10/30/25	10/23/25
Q3447-03	P001-TW2-251023-01	SOIL	SVOC-TCL BNA -20	8270E	10/23/25	10/24/25	10/27/25	10/23/25
Q3447-04	P001-TW2-251023-01	TCLP	TCLP BNA	8270E	10/23/25	10/27/25	10/30/25	10/23/25
Q3447-05	P001-TW3-251023-01	SOIL	SVOC-TCL BNA -20	8270E	10/23/25	10/24/25	10/27/25	10/23/25
Q3447-06	P001-TW3-251023-01	TCLP	TCLP BNA	8270E	10/23/25	10/27/25	10/29/25	10/23/25
Q3447-07	P001-TW4-251023-01	SOIL	SVOC-TCL BNA -20	8270E	10/23/25	10/24/25	10/27/25	10/23/25
Q3447-08	P001-TW4-251023-01	TCLP	TCLP BNA	8270E	10/23/25	10/27/25	10/31/25	10/23/25

Hit Summary Sheet SW-846

SDG No.: Q3447
Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-TW1-251023-01								
Q3447-02	P001-TW1-251023-01	TCLP	2-Methylphenol	21.800	J	11.2	50	ug/L
Q3447-02	P001-TW1-251023-01	TCLP	3+4-Methylphenols	31.300	J	11	100	ug/L
Total Svoc :						53.10		
Total Concentration:						53.10		



QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3447

Client: Weston Solutions, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170239TB	PB170239TB	2-Fluorophenol	150	143	95		23	138
		Phenol-d6	150	127	85		10	134
		Nitrobenzene-d5	100	92.1	92		67	132
		2-Fluorobiphenyl	100	88.7	89		52	132
		2,4,6-Tribromophenol	150	136	91		44	137
		Terphenyl-d14	100	83.0	83		42	152
PB170267BL	PB170267BL	2-Fluorophenol	150	100	67		23	138
		Phenol-d6	150	105	70		10	134
		Nitrobenzene-d5	100	68.0	68		67	132
		2-Fluorobiphenyl	100	65.5	66		52	132
		2,4,6-Tribromophenol	150	122	81		44	137
		Terphenyl-d14	100	86.8	87		42	152
PB170267BS	PB170267BS	2-Fluorophenol	150	106	71		23	138
		Phenol-d6	150	111	74		10	134
		Nitrobenzene-d5	100	76.2	76		67	132
		2-Fluorobiphenyl	100	72.9	73		52	132
		2,4,6-Tribromophenol	150	131	88		44	137
		Terphenyl-d14	100	107	107		42	152
Q3427-04MS	TP-8MS	2-Fluorophenol	150	132	88		23	138
		Phenol-d6	150	128	85		10	134
		Nitrobenzene-d5	100	95.9	96		67	132
		2-Fluorobiphenyl	100	90.8	91		52	132
		2,4,6-Tribromophenol	150	151	101		44	137
		Terphenyl-d14	100	103	103		42	152
Q3427-04MSD	TP-8MSD	2-Fluorophenol	150	134	89		23	138
		Phenol-d6	150	131	87		10	134
		Nitrobenzene-d5	100	98.1	98		67	132
		2-Fluorobiphenyl	100	95.2	95		52	132
		2,4,6-Tribromophenol	150	158	106		44	137
		Terphenyl-d14	100	105	105		42	152
Q3447-02	P001-TW1-251023-01	2-Fluorophenol	150	122	82		23	138
		Phenol-d6	150	110	73		10	134
		Nitrobenzene-d5	100	90.5	90		67	132
		2-Fluorobiphenyl	100	84.6	85		52	132
		2,4,6-Tribromophenol	150	139	93		44	137
		Terphenyl-d14	100	94.1	94		42	152
Q3447-04	P001-TW2-251023-01	2-Fluorophenol	150	123	82		23	138
		Phenol-d6	150	111	74		10	134
		Nitrobenzene-d5	100	90.5	91		67	132
		2-Fluorobiphenyl	100	84.7	85		52	132
		2,4,6-Tribromophenol	150	148	99		44	137
		Terphenyl-d14	100	96.8	97		42	152
Q3447-06	P001-TW3-251023-01	2-Fluorophenol	150	114	76		23	138
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	81.8	82		67	132
		2-Fluorobiphenyl	100	77.3	77		52	132
		2,4,6-Tribromophenol	150	130	87		44	137
		Terphenyl-d14	100	83.6	84		42	152
Q3447-08	P001-TW4-251023-01	2-Fluorophenol	150	132	88		23	138
		Phenol-d6	150	104	69		10	134
		Nitrobenzene-d5	100	105	105		67	132

Surrogate Summary

SW-846

SDG No.: Q3447

Client: Weston Solutions, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3447-08	P001-TW4-251023-01	2-Fluorobiphenyl	100	109	109		52	132
		2,4,6-Tribromophenol	150	205	137		44	137
		Terphenyl-d14	100	99.7	100		42	152

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3447

Analytical Method: SW8270E

Client: Weston Solutions, Inc.

DataFile: BF144127.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3427-04MS	Client Sample ID:	TP-8MS								
Pyridine	500	0	300	ug/L	60				10	109	
1,4-Dichlorobenzene	500	0	460	ug/L	92				55	125	
2-Methylphenol	500	0	500	ug/L	100				60	131	
3+4-Methylphenols	500	0	490	ug/L	98				54	136	
Hexachloroethane	500	0	430	ug/L	86				19	146	
Nitrobenzene	500	0	470	ug/L	94				62	112	
Hexachlorobutadiene	500	0	430	ug/L	86				52	125	
2,4,6-Trichlorophenol	500	0	480	ug/L	96				78	112	
2,4,5-Trichlorophenol	500	0	500	ug/L	100				71	111	
2,4-Dinitrotoluene	500	0	550	ug/L	110				74	137	
Hexachlorobenzene	500	0	460	ug/L	92				72	115	
Pentachlorophenol	1000	0	1000	ug/L	100				52	162	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3447

Analytical Method: SW8270E

Client: Weston Solutions, Inc.

DataFile: BF144128.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3427-04MSD	Client Sample ID:	TP-8MSD								
Pyridine	500	0	290	ug/L	58	3			10	109	20
1,4-Dichlorobenzene	500	0	470	ug/L	94	2			55	125	20
2-Methylphenol	500	0	490	ug/L	98	2			60	131	20
3+4-Methylphenols	500	0	500	ug/L	100	2			54	136	20
Hexachloroethane	500	0	440	ug/L	88	2			19	146	20
Nitrobenzene	500	0	480	ug/L	96	2			62	112	20
Hexachlorobutadiene	500	0	450	ug/L	90	5			52	125	20
2,4,6-Trichlorophenol	500	0	520	ug/L	104	8			78	112	20
2,4,5-Trichlorophenol	500	0	530	ug/L	106	6			71	111	20
2,4-Dinitrotoluene	500	0	580	ug/L	116	5			74	137	20
Hexachlorobenzene	500	0	520	ug/L	104	12			72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110	10			52	162	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3447</u>	Analytical Method: <u>8270E</u>
Client: <u>Weston Solutions, Inc.</u>	DataFile: <u>BF144099.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170267BS	Pyridine	50	34.3	ug/L	69				29	97	
	1,4-Dichlorobenzene	50	41.0	ug/L	82				76	103	
	2-Methylphenol	50	44.1	ug/L	88				69	109	
	3+4-Methylphenols	50	42.5	ug/L	85				67	106	
	Hexachloroethane	50	40.0	ug/L	80				76	118	
	Nitrobenzene	50	40.8	ug/L	82				58	106	
	Hexachlorobutadiene	50	39.7	ug/L	79				69	101	
	2,4,6-Trichlorophenol	50	42.4	ug/L	85				61	110	
	2,4,5-Trichlorophenol	50	43.5	ug/L	87				70	106	
	2,4-Dinitrotoluene	50	50.0	ug/L	100				60	115	
	Hexachlorobenzene	50	42.9	ug/L	86				73	106	
	Pentachlorophenol	100	94.2	ug/L	94				47	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170267BL

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab File ID: BF144098.D

Lab Sample ID: PB170267BL

Instrument ID: BNA_F

Date Extracted: 10/27/2025

Matrix: (soil/water) water

Date Analyzed: 10/28/2025

Level: (low/med) LOW

Time Analyzed: 13:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170267BS	PB170267BS	BF144099.D	10/28/2025
P001-TW3-251023-01	Q3447-06	BF144119.D	10/29/2025
TP-8MS	Q3427-04MS	BF144127.D	10/29/2025
TP-8MSD	Q3427-04MSD	BF144128.D	10/29/2025
PB170239TB	PB170239TB	BG064601.D	10/28/2025
P001-TW4-251023-01	Q3447-08	BG064656.D	10/31/2025
P001-TW1-251023-01	Q3447-02	BP026044.D	10/30/2025
P001-TW2-251023-01	Q3447-04	BP026045.D	10/30/2025

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144055.D
Instrument ID: BNA_F

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/24/2025
DFTPP Injection Time: 09:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	89.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144056.D	10/24/2025	10:13
SSTDICC005	SSTDICC005	BF144057.D	10/24/2025	10:42
SSTDICC010	SSTDICC010	BF144058.D	10/24/2025	11:39
SSTDICC020	SSTDICC020	BF144059.D	10/24/2025	12:36
SSTDICCC040	SSTDICCC040	BF144060.D	10/24/2025	13:05
SSTDICC050	SSTDICC050	BF144061.D	10/24/2025	13:34
SSTDICC080	SSTDICC080	BF144063.D	10/24/2025	14:32
SSTDICC060	SSTDICC060	BF144064.D	10/24/2025	16:24



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144096.D
Instrument ID: BNA_F

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/28/2025
DFTPP Injection Time: 12:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	88.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (18.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144097.D	10/28/2025	13:17
PB170267BL	PB170267BL	BF144098.D	10/28/2025	13:47
PB170267BS	PB170267BS	BF144099.D	10/28/2025	14:16
P001-TW3-251023-01	Q3447-06	BF144119.D	10/29/2025	00:09



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ROYF02Lab Code: ACESDG NO.: Q3447Lab File ID: BF144120.DDFTPP Injection Date: 10/29/2025Instrument ID: BNA_FDFTPP Injection Time: 11:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	84.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18 (18) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144121.D	10/29/2025	11:30
TP-8MS	Q3427-04MS	BF144127.D	10/29/2025	14:33
TP-8MSD	Q3427-04MSD	BF144128.D	10/29/2025	15:02



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064568.D
Instrument ID: BNA_G

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/24/2025
DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	86.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064599.D
Instrument ID: BNA_G

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/28/2025
DFTPP Injection Time: 13:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	80.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064600.D	10/28/2025	13:45
PB170239TB	PB170239TB	BG064601.D	10/28/2025	14:26



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064653.D
Instrument ID: BNA_G

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/31/2025
DFTPP Injection Time: 12:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	81
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064654.D	10/31/2025	13:24
P001-TW4-251023-01	Q3447-08	BG064656.D	10/31/2025	14:50



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026027.D
Instrument ID: BNA_P

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/29/2025
DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026038.D
Instrument ID: BNA_P

Contract: ROYF02
SDG NO.: Q3447
DFTPP Injection Date: 10/30/2025
DFTPP Injection Time: 10:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	81.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.2 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026039.D	10/30/2025	11:15
P001-TW1-251023-01	Q3447-02	BP026044.D	10/30/2025	15:42
P001-TW2-251023-01	Q3447-04	BP026045.D	10/30/2025	16:23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID : SSTDCCC040

Date Analyzed: 10/28/2025

Lab File ID: BF144097.D

Time Analyzed: 13:17

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	66521	6.881	250146	8.16	147935	9.92
UPPER LIMIT	133042	7.381	500292	8.663	295870	10.416
LOWER LIMIT	33260.5	6.381	125073	7.663	73967.5	9.416
EPA SAMPLE NO.						
01 P001-TW3-251023-01	74206	6.88	288956	8.16	160721	9.92
02 PB170267BL	74235	6.88	292746	8.16	176104	9.92
03 PB170267BS	82245	6.88	315394	8.16	185793	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID: SSTDCCC040

Date Analyzed: 10/28/2025

Lab File ID: BF144097.D

Time Analyzed: 13:17

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	264042	11.41	128248	14.057	169914	15.539
UPPER LIMIT	528084	11.91	256496	14.557	339828	16.039
LOWER LIMIT	132021	10.91	64124	13.557	84957	15.039
EPA SAMPLE NO.						
01 P001-TW3-251023-01	268460	11.40	171657	14.05	207654	15.54
02 PB170267BL	344710	11.40	212971	14.05	182134	15.53
03 PB170267BS	347429	11.41	187996	14.06	212306	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID : SSTDCCC040

Date Analyzed: 10/29/2025

Lab File ID: BF144121.D

Time Analyzed: 11:30

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	61447	6.881	232371	8.16	124035	9.92
UPPER LIMIT	122894	7.381	464742	8.663	248070	10.416
LOWER LIMIT	30723.5	6.381	116186	7.663	62017.5	9.416
EPA SAMPLE NO.						
01 TP-8MS	59277	6.88	229063	8.16	132788	9.92
02 TP-8MSD	58632	6.88	225036	8.16	126691	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID: SSTDCCC040

Date Analyzed: 10/29/2025

Lab File ID: BF144121.D

Time Analyzed: 11:30

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	207074	11.41	153131	14.057	204043	15.539
UPPER LIMIT	414148	11.91	306262	14.557	408086	16.039
LOWER LIMIT	103537	10.91	76565.5	13.557	102022	15.039
EPA SAMPLE NO.						
01 TP-8MS	236318	11.41	145719	14.06	194108	15.54
02 TP-8MSD	221499	11.41	150723	14.06	191043	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID : SSTDCCC040

Date Analyzed: 10/28/2025

Lab File ID: BG064600.D

Time Analyzed: 13:45

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	28654	8.219	112694	11.05	87446	14.84
UPPER LIMIT	57308	8.719	225388	11.545	174892	15.341
LOWER LIMIT	14327	7.719	56347	10.545	43723	14.341
EPA SAMPLE NO.						
01 PB170239TB	25341	8.22	92692	11.04	70316	14.84

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID: SSTDCCC040

Date Analyzed: 10/28/2025

Lab File ID: BG064600.D

Time Analyzed: 13:45

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	216707	17.573	273944	21.85	304830	25.187
UPPER LIMIT	433414	18.073	547888	22.35	609660	25.687
LOWER LIMIT	108354	17.073	136972	21.35	152415	24.687
EPA SAMPLE NO.						
01 PB170239TB	194854	17.57	275677	21.85	313610	25.19

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID : SSTDCCC040

Date Analyzed: 10/31/2025

Lab File ID: BG064654.D

Time Analyzed: 13:24

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	29760	8.216	121809	11.04	99146	14.84
UPPER LIMIT	59520	8.716	243618	11.542	198292	15.338
LOWER LIMIT	14880	7.716	60904.5	10.542	49573	14.338
EPA SAMPLE NO.						
01 P001-TW4-251023-01	32281	8.22	126478	11.05	78090	14.84

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID: SSTDCCC040

Date Analyzed: 10/31/2025

Lab File ID: BG064654.D

Time Analyzed: 13:24

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	255812	17.576	303338	21.853	334065	25.196
UPPER LIMIT	511624	18.076	606676	22.353	668130	25.696
LOWER LIMIT	127906	17.076	151669	21.353	167033	24.696
EPA SAMPLE NO.						
01 P001-TW4-251023-01	257453	17.57	264435	21.85	83058 *	25.19

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID : SSTDCCC040

Date Analyzed: 10/30/2025

Lab File ID: BP026039.D

Time Analyzed: 11:15

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	280604	7.678	1128650	10.45	707800	14.31
UPPER LIMIT	561208	8.178	2257300	10.949	1415600	14.807
LOWER LIMIT	140302	7.178	564325	9.949	353900	13.807
EPA SAMPLE NO.						
01 P001-TW1-251023-01	376742	7.68	1432630	10.45	843948	14.32
02 P001-TW2-251023-01	363836	7.68	1417740	10.45	855859	14.33

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3447

Client ID: SSTDCCC040

Date Analyzed: 10/30/2025

Lab File ID: BP026039.D

Time Analyzed: 11:15

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1418800	17.119	1511220	21.577	1625760	24.901
UPPER LIMIT	2837600	17.619	3022440	22.077	3251520	25.401
LOWER LIMIT	709400	16.619	755610	21.077	812880	24.401
EPA SAMPLE NO.						
01 P001-TW1-251023-01	1620980	17.14	1730920	21.60	1889760	24.91
02 P001-TW2-251023-01	1766660	17.14	1797150	21.59	877217	24.91

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: PB170239TB
 Lab Sample ID: PB170239TB
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 100 mL Final Vol: 1000 uL
 Prep Method: SW3510C Prep Date: 10/27/25

Date Collected: 10/27/25
 Date Received: 10/27/25
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/28/25 14:26	PB170267
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/28/25 14:26	PB170267
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/28/25 14:26	PB170267
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/28/25 14:26	PB170267
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/28/25 14:26	PB170267
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/28/25 14:26	PB170267
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/28/25 14:26	PB170267
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/28/25 14:26	PB170267
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/28/25 14:26	PB170267
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/28/25 14:26	PB170267
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/28/25 14:26	PB170267
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/28/25 14:26	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	143			23 - 138	95%	SPK: 150		
13127-88-3	Phenol-d6	127			10 - 134	85%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.1			67 - 132	92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	88.7			52 - 132	89%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	136			44 - 137	91%	SPK: 150		
1718-51-0	Terphenyl-d14	83.0			42 - 152	83%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	25300							
1146-65-2	Naphthalene-d8	92700							
15067-26-2	Acenaphthene-d10	70300							
1517-22-2	Phenanthrene-d10	195000							
1719-03-5	Chrysene-d12	276000							
1520-96-3	Perylene-d12	314000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064601.D
Acq On : 28 Oct 2025 14:26
Operator : RC/JU
Sample : PB170239TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170239TB

Quant Time: Oct 28 15:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	25341	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	92692	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	70316	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	194854	20.000	ng	0.00
76) Chrysene-d12	21.849	240	275677	20.000	ng	-0.01
86) Perylene-d12	25.186	264	313610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	215145	142.504	ng	0.00
7) Phenol-d6	7.348	99	263377	127.132	ng	0.00
23) Nitrobenzene-d5	9.375	82	142155	92.114	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	138100	136.076	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	411607	88.727	ng	0.00
79) Terphenyl-d14	20.162	244	1212132	82.977	ng	-0.01

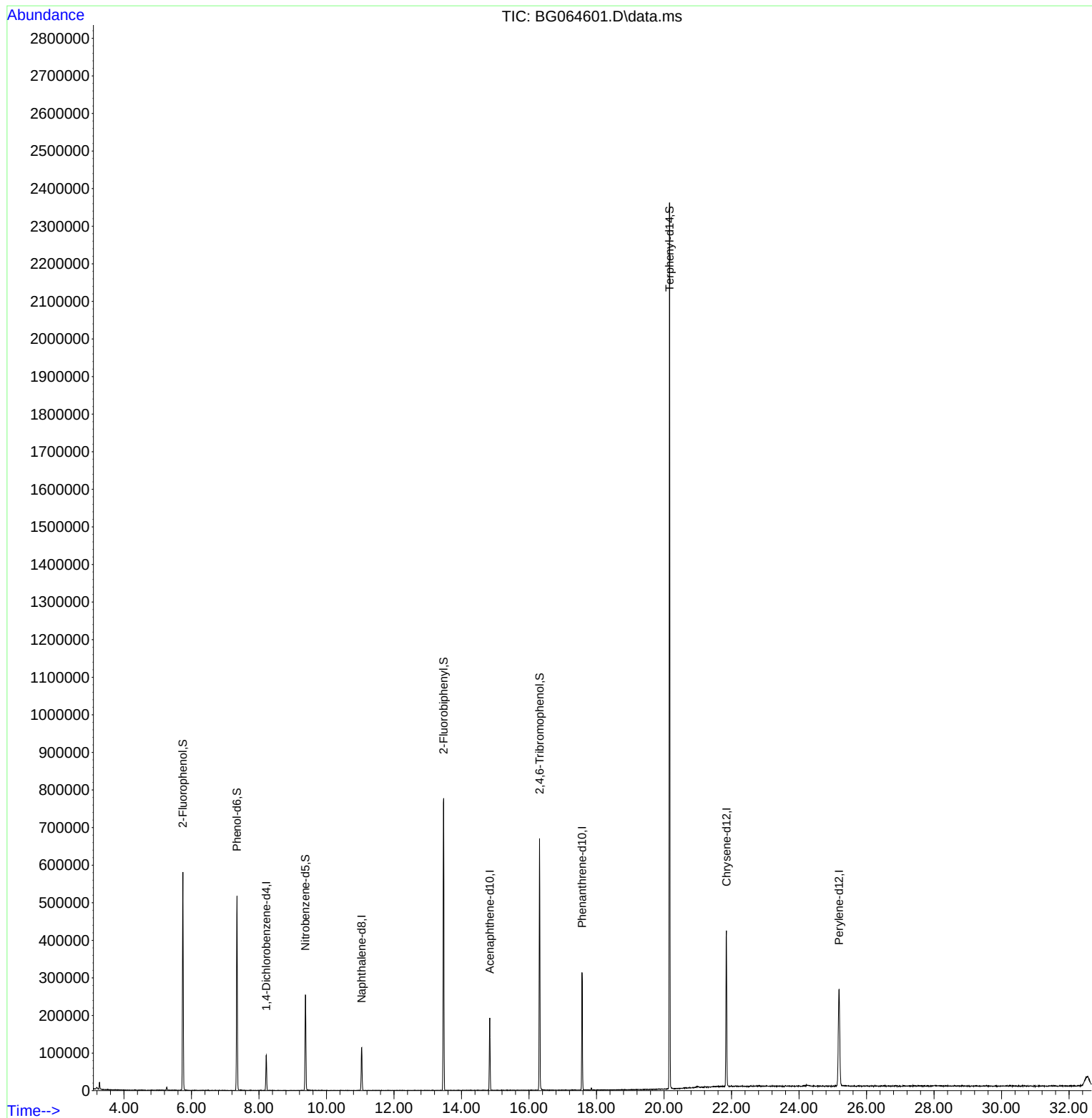
Target Compounds	Qvalue
------------------	--------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

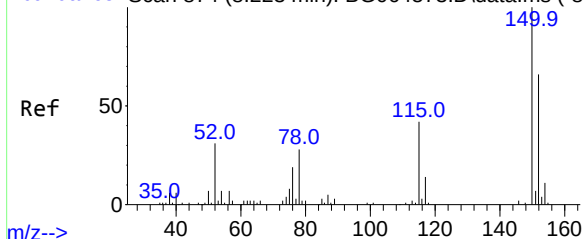
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064601.D
Acq On : 28 Oct 2025 14:26
Operator : RC/JU
Sample : PB170239TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170239TB

Quant Time: Oct 28 15:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



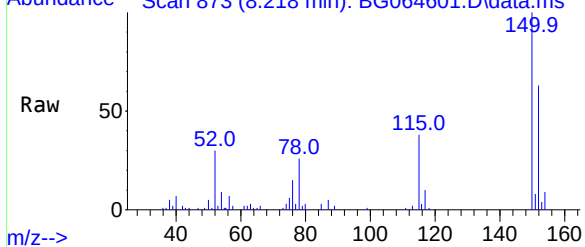
Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

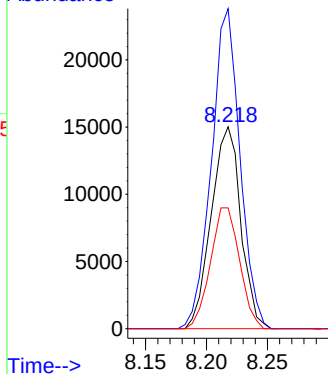
Instrument :
BNA_G
ClientSampleId :
PB170239TB

m/z--> Abundance Scan 873 (8.218 min): BG064601.D\data.ms

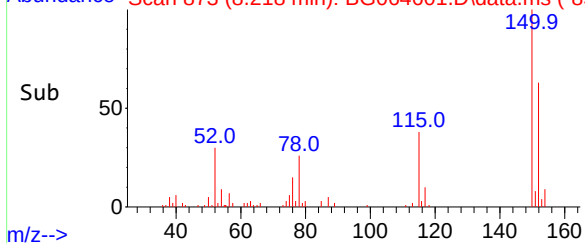


Tgt Ion:152 Resp: 25341
Ion Ratio Lower Upper
152 100
150 158.5 122.2 183.4
115 59.9 50.8 76.2

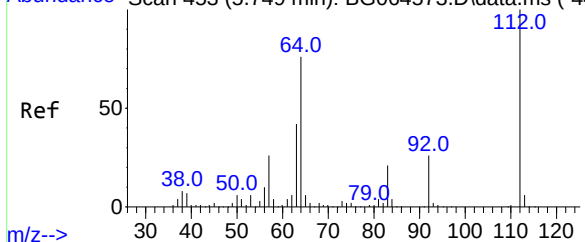
Abundance



m/z--> Abundance Scan 873 (8.218 min): BG064601.D\data.ms (-85



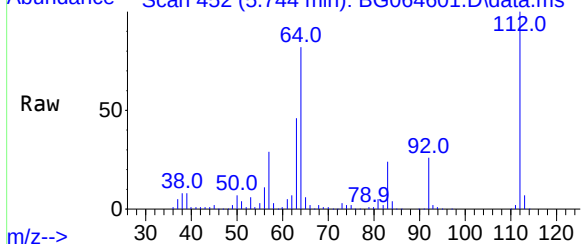
Abundance Scan 453 (5.749 min): BG064573.D\data.ms (-44



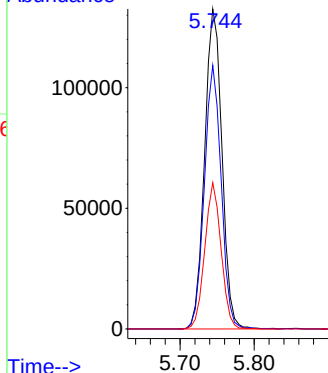
#5
2-Fluorophenol
Concen: 142.504 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:112 Resp: 215145
Ion Ratio Lower Upper
112 100
64 82.3 60.7 91.1
63 45.7 33.4 50.0

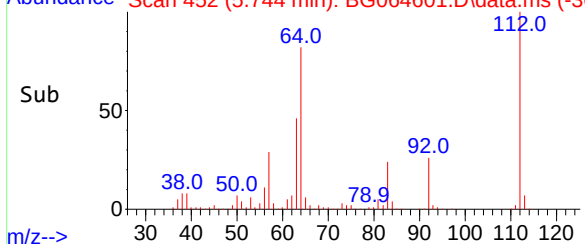
m/z--> Abundance Scan 452 (5.744 min): BG064601.D\data.ms



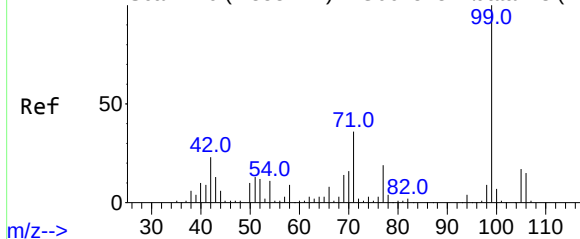
Abundance



m/z--> Abundance Scan 452 (5.744 min): BG064601.D\data.ms (-36



Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



#7

Phenol-d6

Concen: 127.132 ng

RT: 7.348 min Scan# 71

Delta R.T. -0.009 min

Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

Instrument :

BNA_G

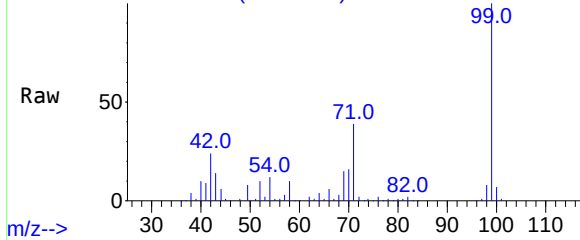
ClientSampleId :

PB170239TB

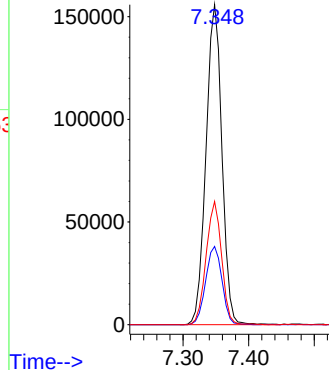
Tgt Ion: 99 Resp: 263377

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	38.5	28.6	43.0

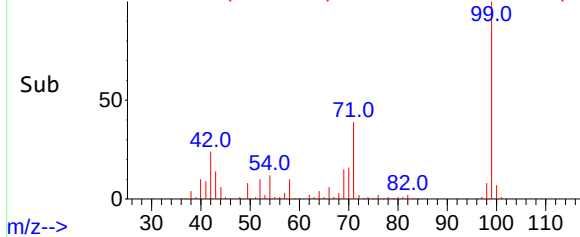
Abundance Scan 725 (7.348 min): BG064601.D\data.ms



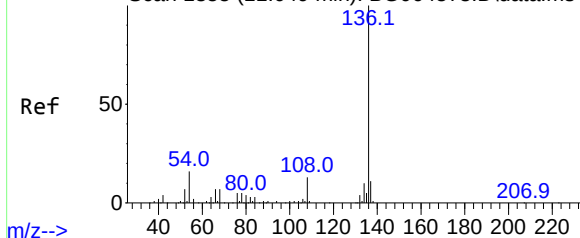
Abundance



Abundance Scan 725 (7.348 min): BG064601.D\data.ms (-63



Abundance Scan 1355 (11.049 min): BG064573.D\data.ms (-



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.044 min Scan# 1354

Delta R.T. -0.009 min

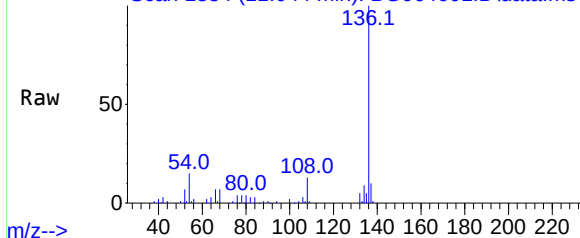
Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

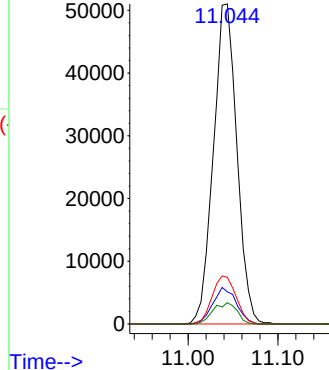
Tgt Ion: 136 Resp: 92692

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	14.5	12.6	19.0
68	6.6	5.7	8.5

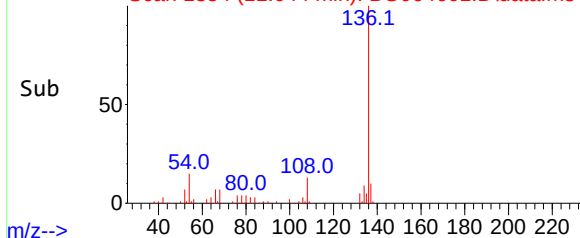
Abundance Scan 1354 (11.044 min): BG064601.D\data.ms

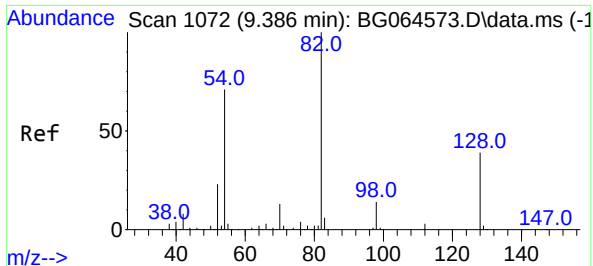


Abundance



Abundance Scan 1354 (11.044 min): BG064601.D\data.ms (-





#23

Nitrobenzene-d5

Concen: 92.114 ng

RT: 9.375 min Scan# 10

Delta R.T. -0.015 min

Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

Instrument :

BNA_G

ClientSampleId :

PB170239TB

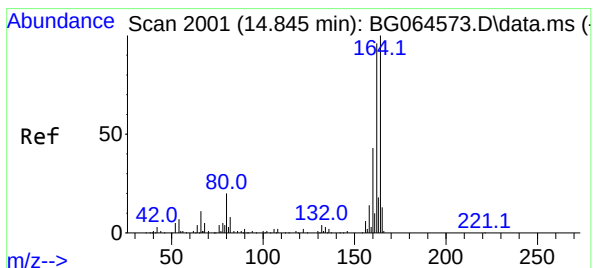
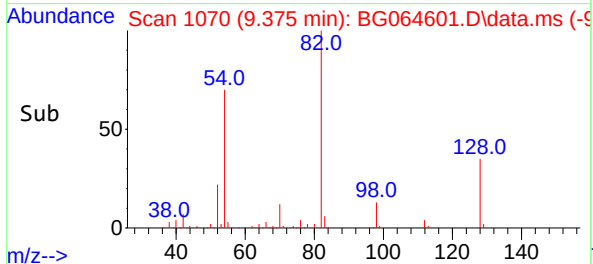
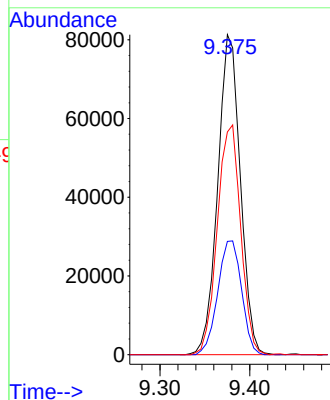
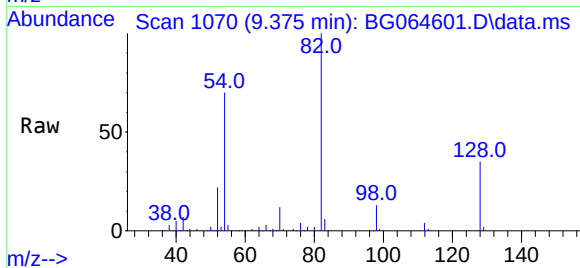
Tgt Ion: 82 Resp: 142155

Ion Ratio Lower Upper

82 100

128 35.4 31.3 46.9

54 69.6 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

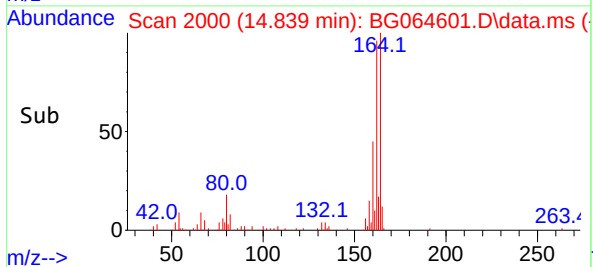
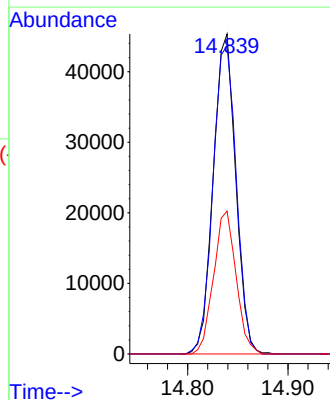
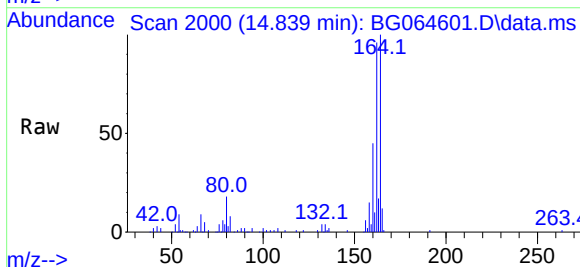
Tgt Ion: 164 Resp: 70316

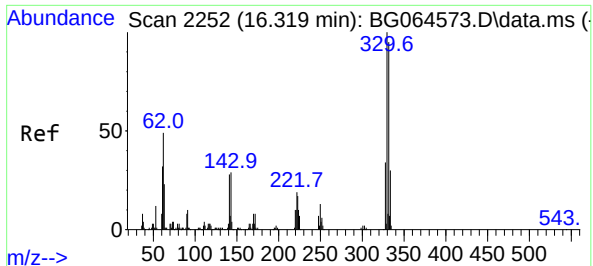
Ion Ratio Lower Upper

164 100

162 96.4 77.0 115.6

160 44.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.076 ng

RT: 16.314 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

Instrument :

BNA_G

ClientSampleId :

PB170239TB

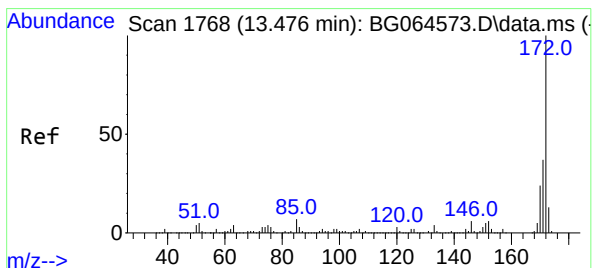
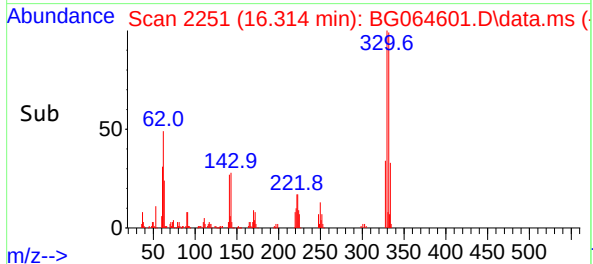
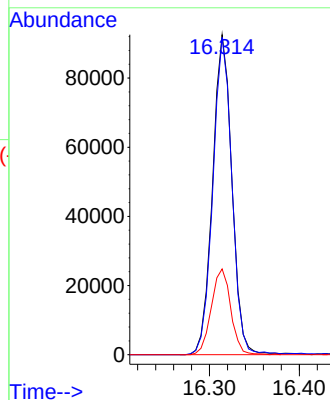
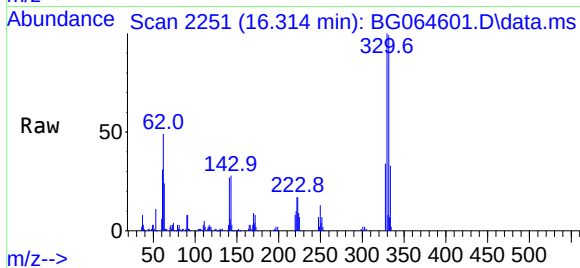
Tgt Ion:330 Resp: 138100

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 27.0 21.8 32.6



#45

2-Fluorobiphenyl

Concen: 88.727 ng

RT: 13.470 min Scan# 1767

Delta R.T. -0.009 min

Lab File: BG064601.D

Acq: 28 Oct 2025 14:26

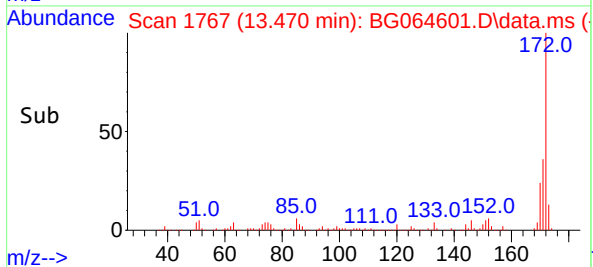
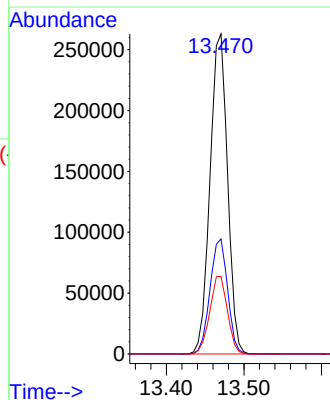
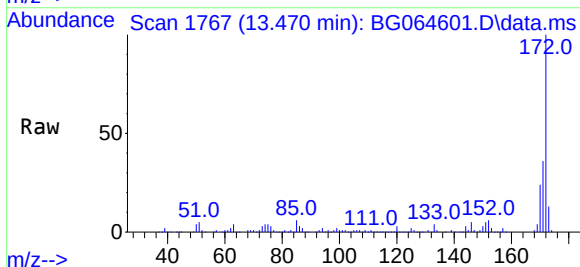
Tgt Ion:172 Resp: 411607

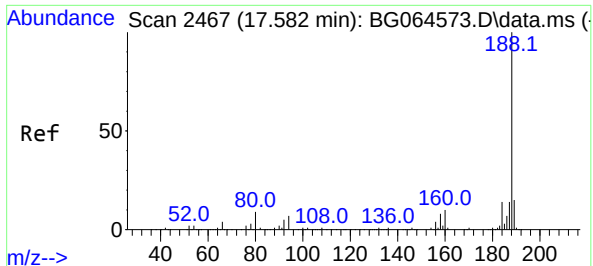
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 24.2 19.1 28.7

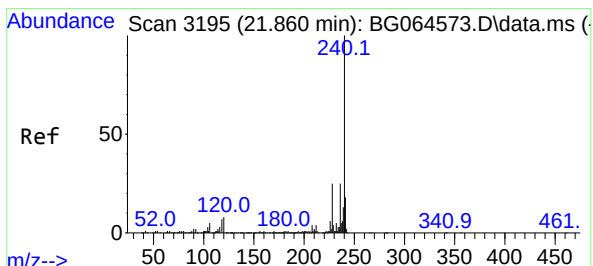
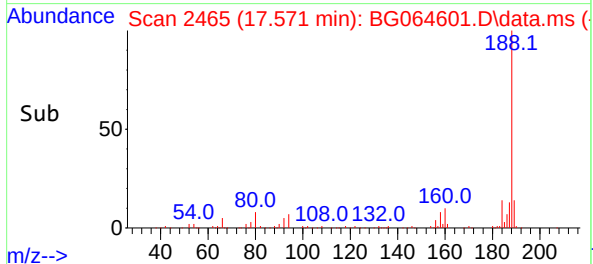
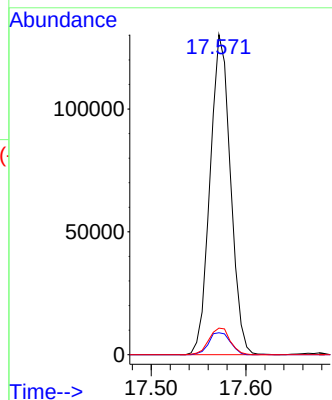
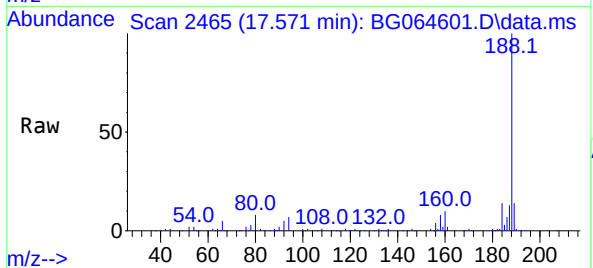




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

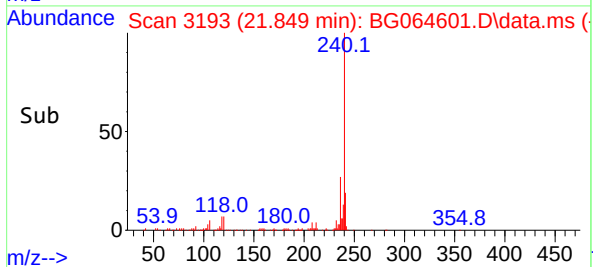
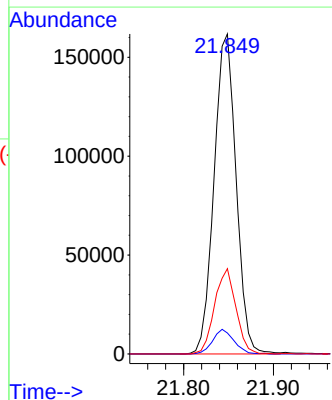
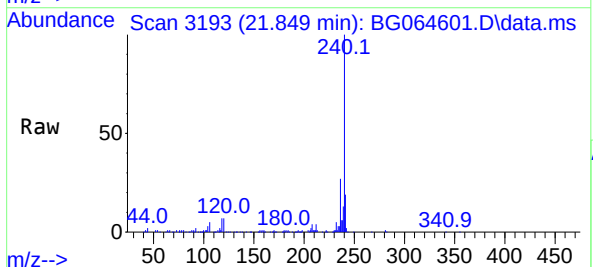
Instrument :
BNA_G
ClientSampleId :
PB170239TB

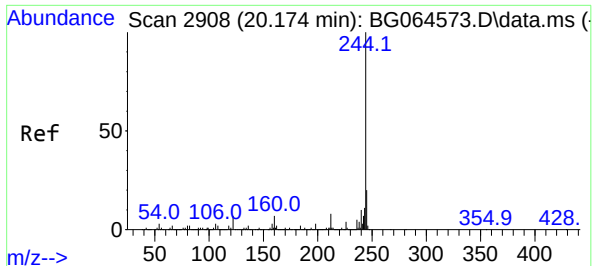
Tgt Ion:188 Resp: 194854
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:240 Resp: 275677
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 26.6 20.2 30.2

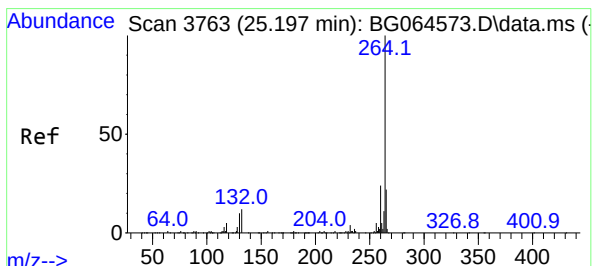
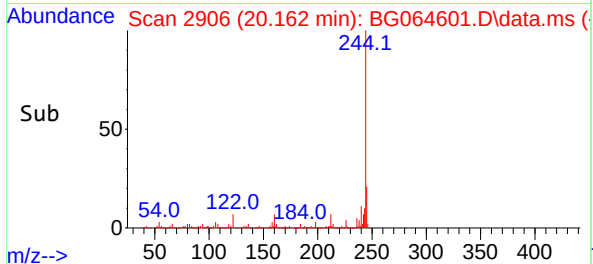
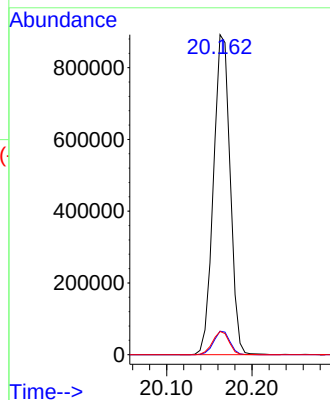
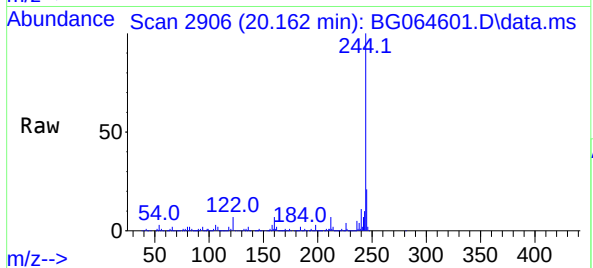




#79
Terphenyl-d14
Concen: 82.977 ng
RT: 20.162 min Scan# 2906
Delta R.T. -0.015 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

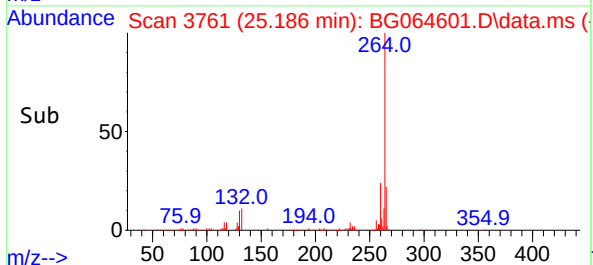
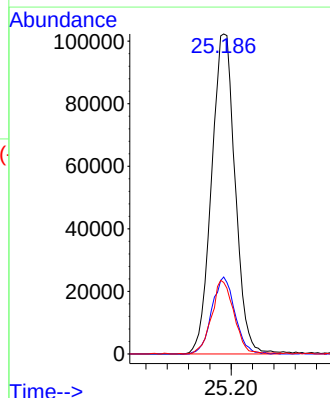
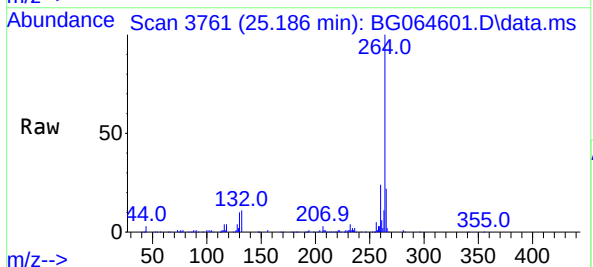
Instrument :
BNA_G
ClientSampleId :
PB170239TB

Tgt Ion:244 Resp: 1212132
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 7.3 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3761
Delta R.T. -0.015 min
Lab File: BG064601.D
Acq: 28 Oct 2025 14:26

Tgt Ion:264 Resp: 313610
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 22.4 17.6 26.4



Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: P001-TW1-251023-01
 Lab Sample ID: Q3447-02
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 100 mL Final Vol: 1000 uL
 Prep Method: SW3510C Prep Date: 10/27/25

Date Collected: 10/23/25
 Date Received: 10/23/25
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/30/25 15:42	PB170267
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/30/25 15:42	PB170267
95-48-7	2-Methylphenol	21.8	J	1	11.2	50.0	ug/L	10/30/25 15:42	PB170267
65794-96-9	3+4-Methylphenols	31.3	J	1	11.0	100	ug/L	10/30/25 15:42	PB170267
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/30/25 15:42	PB170267
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/30/25 15:42	PB170267
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/30/25 15:42	PB170267
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/30/25 15:42	PB170267
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/30/25 15:42	PB170267
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/30/25 15:42	PB170267
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/30/25 15:42	PB170267
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/30/25 15:42	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	122			23 - 138	82%	SPK: 150		
13127-88-3	Phenol-d6	110			10 - 134	73%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.5			67 - 132	90%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.6			52 - 132	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	139			44 - 137	93%	SPK: 150		
1718-51-0	Terphenyl-d14	94.1			42 - 152	94%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	377000							
1146-65-2	Naphthalene-d8	1430000							
15067-26-2	Acenaphthene-d10	844000							
1517-22-2	Phenanthrene-d10	1620000							
1719-03-5	Chrysene-d12	1730000							
1520-96-3	Perylene-d12	1890000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026044.D
Acq On : 30 Oct 2025 15:42
Operator : RC/JU
Sample : Q3447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

Quant Time: Oct 30 16:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	376742	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1432630	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	843948	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1620982	20.000	ng	0.01
76) Chrysene-d12	21.595	240	1730921	20.000	ng	0.03
86) Perylene-d12	24.907	264	1889761	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2791444	122.263	ng	0.00
7) Phenol-d6	6.855	99	3193658	109.899	ng	0.00
23) Nitrobenzene-d5	8.819	82	2079334	90.481	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1272263	139.443	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4967566	84.579	ng	0.00
79) Terphenyl-d14	19.878	244	8020127	94.137	ng	0.01
Target Compounds						
10) Phenol	6.878	94	160948	4.989	ng	Qvalue 89
17) 2-Methylphenol	8.108	107	45985	2.177	ng	94
20) 3+4-Methylphenols	8.431	107	91930	3.128	ng	95
27) 2,4-Dimethylphenol	9.660	122	105373m	5.094	ng	
31) Naphthalene	10.502	128	436821	5.591	ng	99
37) 2-Methylnaphthalene	12.125	142	312887	5.722	ng	98
38) 1-Methylnaphthalene	12.337	142	211450m	3.981	ng	
84) Bis(2-ethylhexyl)phtha...	21.548	149	18245	2.845	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

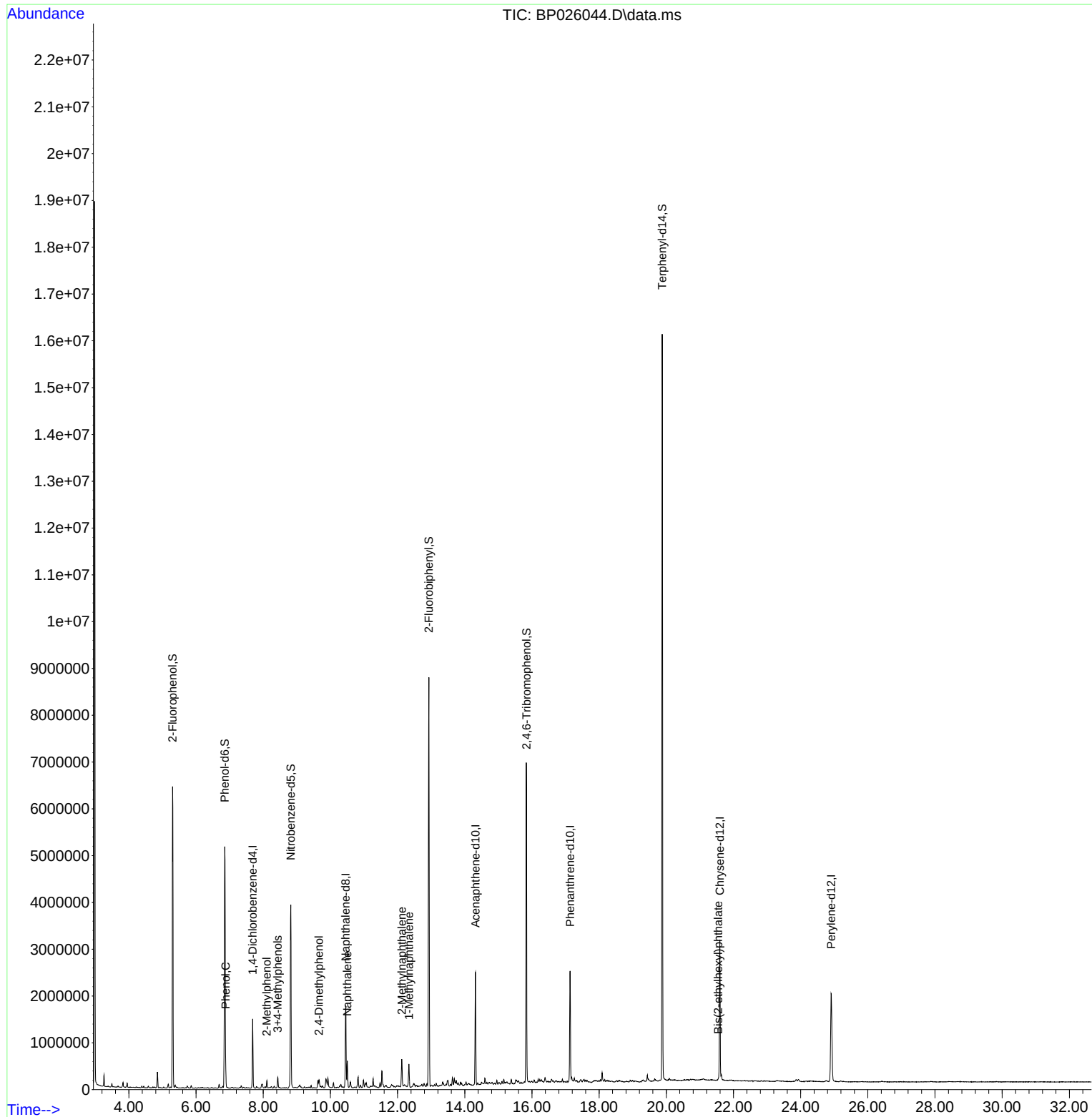
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026044.D
Acq On : 30 Oct 2025 15:42
Operator : RC/JU
Sample : Q3447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

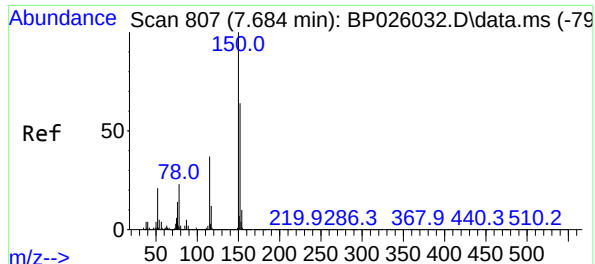
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

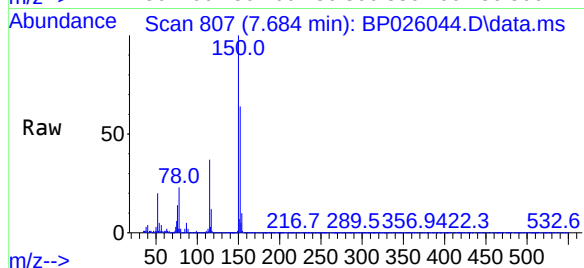
Quant Time: Oct 30 16:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

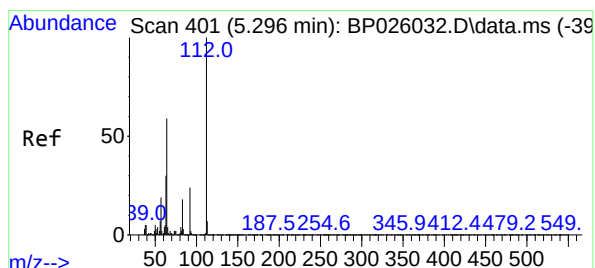
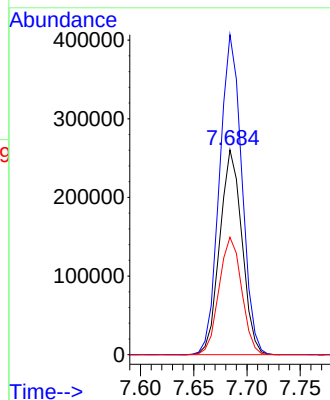
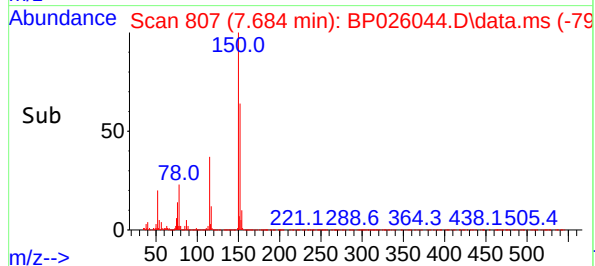
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



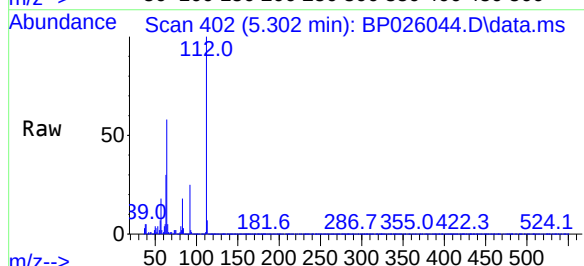
Tgt Ion:152 Resp: 37674
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 57.4 46.4 69.6

Manual Integrations
APPROVED

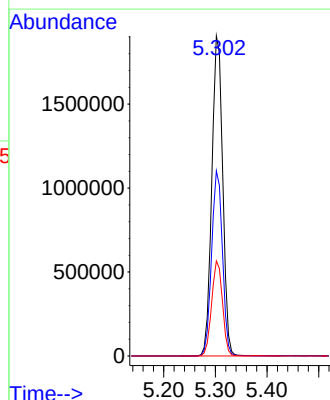
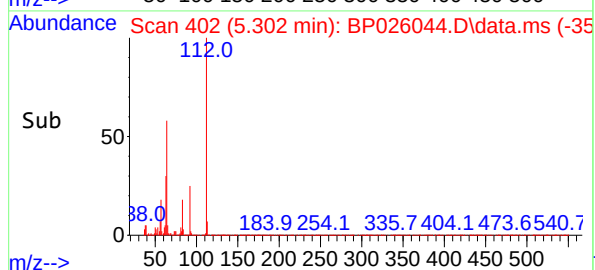
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

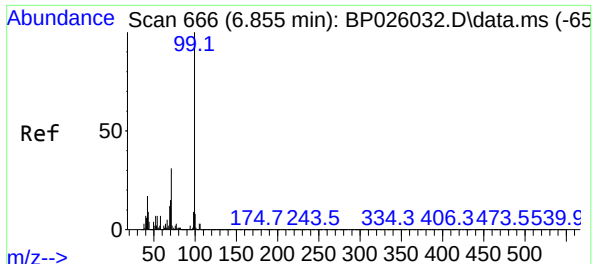


#5
2-Fluorophenol
Concen: 122.263 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42



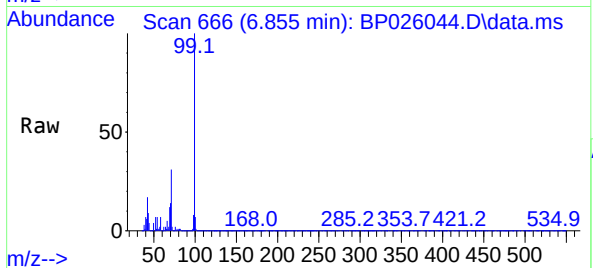
Tgt Ion:112 Resp: 2791444
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.2
63 29.7 24.2 36.4





#7
Phenol-d6
Concen: 109.899 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

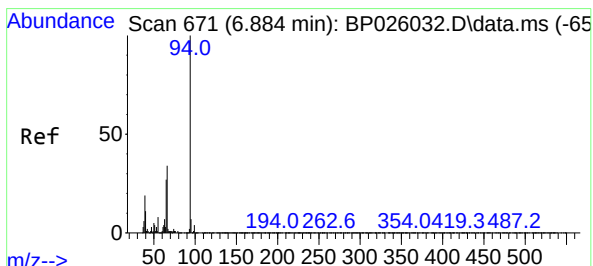
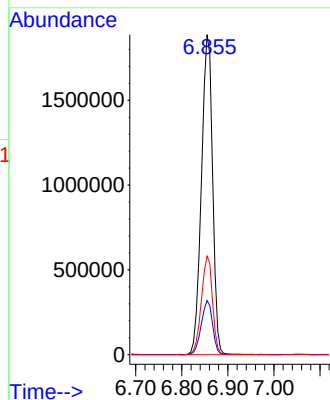
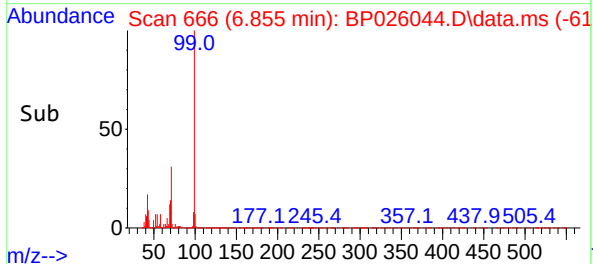
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion: 99 Resp: 319365
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 30.8 24.4 36.6

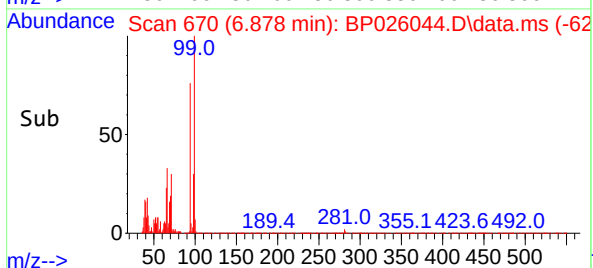
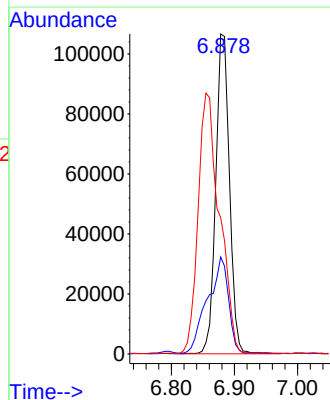
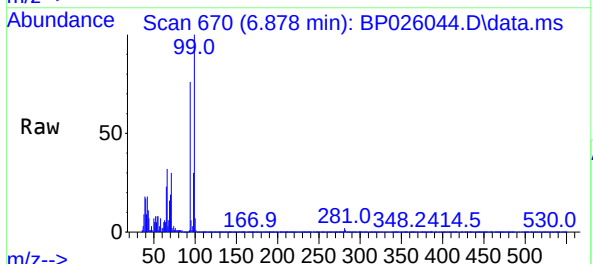
Manual Integrations
APPROVED

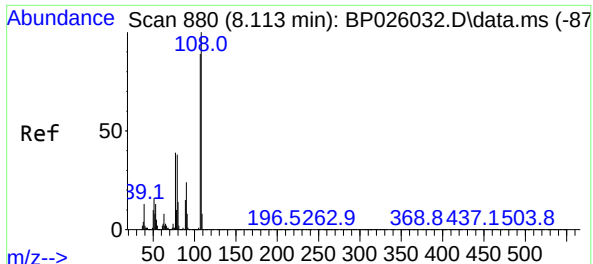
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#10
Phenol
Concen: 4.989 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

Tgt Ion: 94 Resp: 160948
Ion Ratio Lower Upper
94 100
65 30.3 7.1 47.1
66 42.5 14.4 54.4





#17

2-Methylphenol

Concen: 2.177 ng

RT: 8.108 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Instrument :

BNA_P

ClientSampleId :

P001-TW1-251023-01

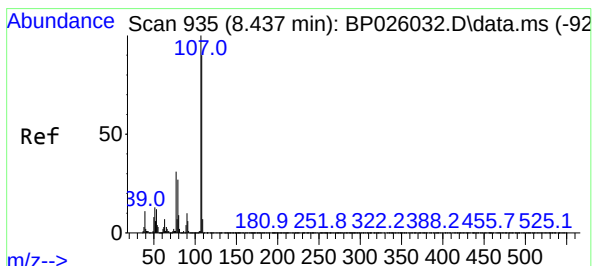
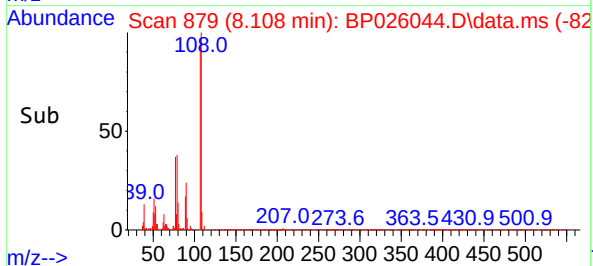
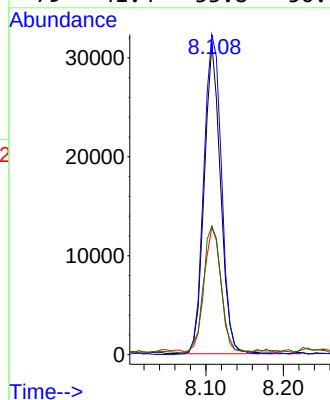
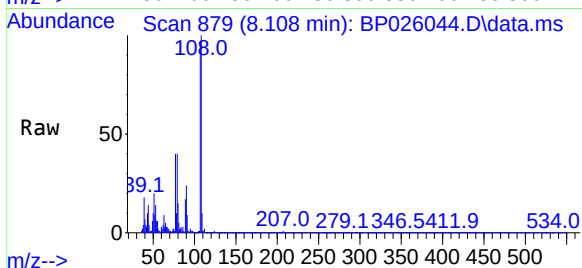
Tgt Ion:	107	Resp:	4598
Ion	Ratio	Lower	Upper
107	100		
108	103.0	89.8	134.8
77	41.0	34.8	52.2
79	41.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#20

3+4-Methylphenols

Concen: 3.128 ng

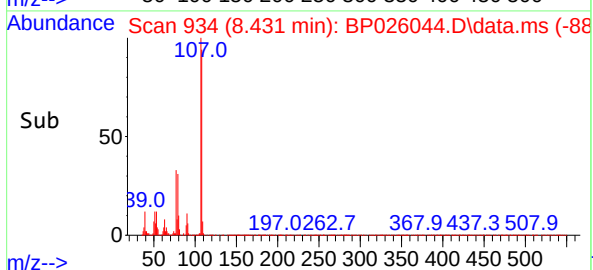
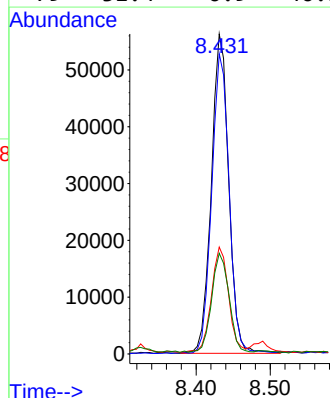
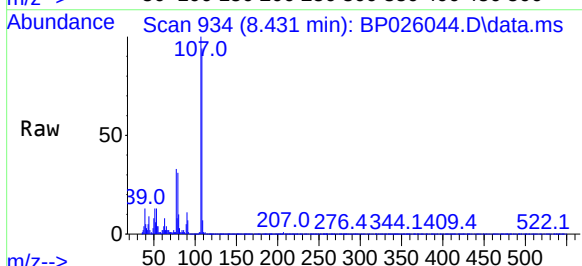
RT: 8.431 min Scan# 934

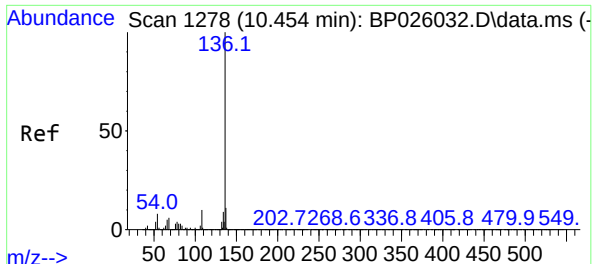
Delta R.T. -0.011 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

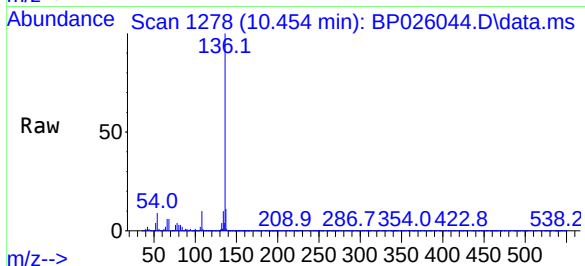
Tgt Ion:	107	Resp:	91930
Ion	Ratio	Lower	Upper
107	100		
108	93.8	70.1	110.1
77	33.4	10.7	50.7
79	31.4	6.9	46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

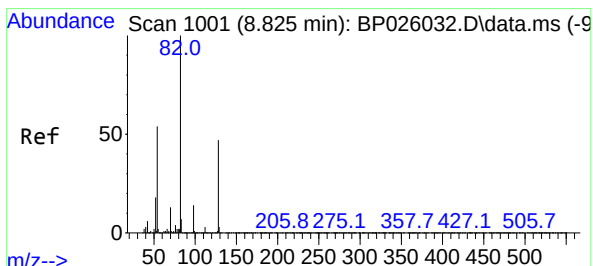
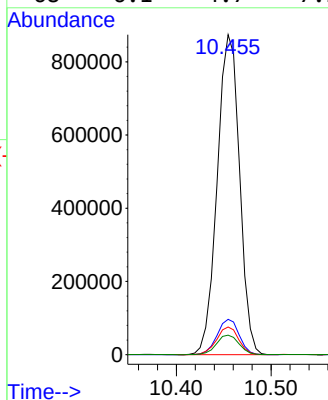
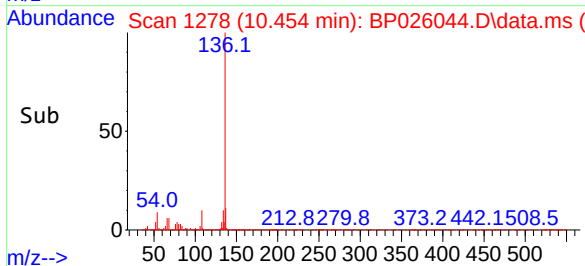
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:136 Resp: 1432630
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 6.6 10.0
68 6.1 4.7 7.1

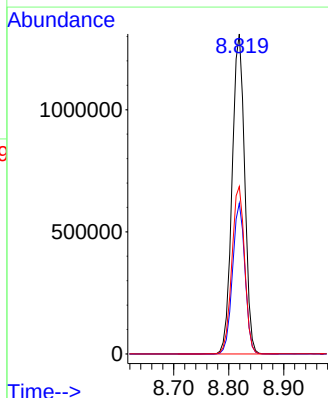
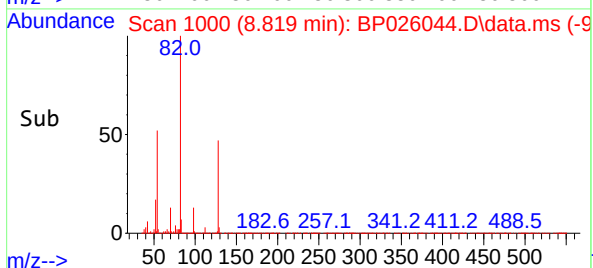
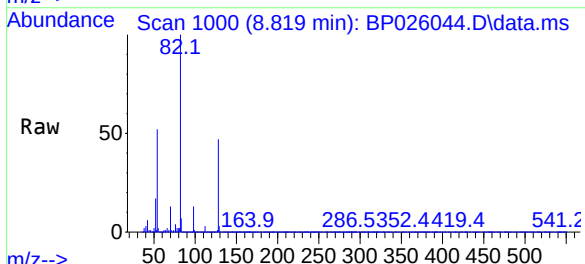
Manual Integrations
APPROVED

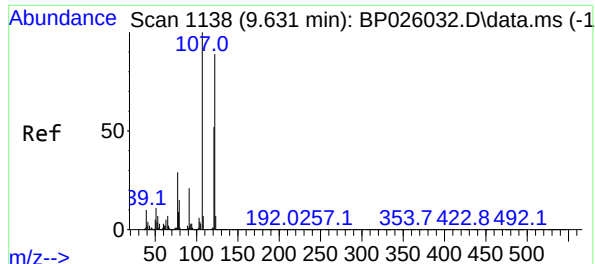
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#23
Nitrobenzene-d5
Concen: 90.481 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

Tgt Ion: 82 Resp: 2079334
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 52.4 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 5.094 ng m

RT: 9.660 min Scan# 1138

Delta R.T. 0.030 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Instrument :

BNA_P

ClientSampleId :

P001-TW1-251023-01

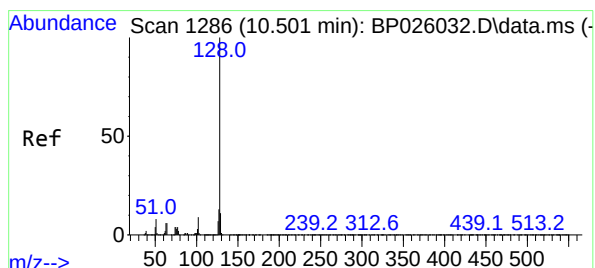
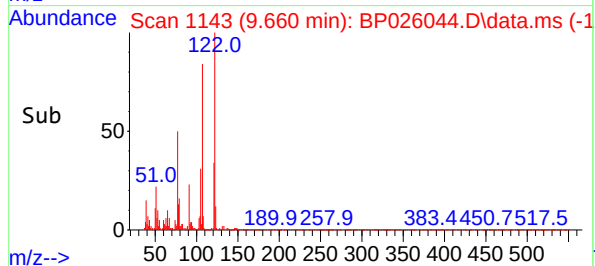
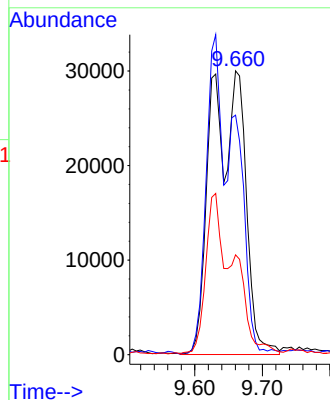
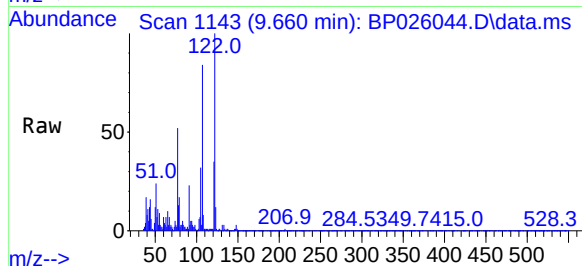
Tgt Ion:	122	Resp:	10537
Ion Ratio	Lower	Upper	
122	100		
107	84.4	89.2	133.8
121	35.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#31

Naphthalene

Concen: 5.591 ng

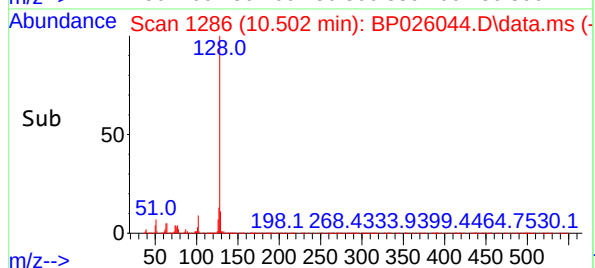
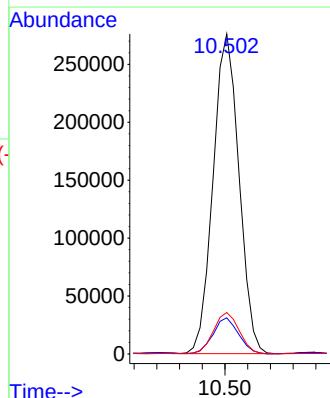
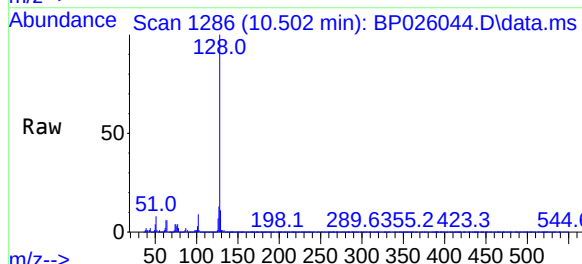
RT: 10.502 min Scan# 1286

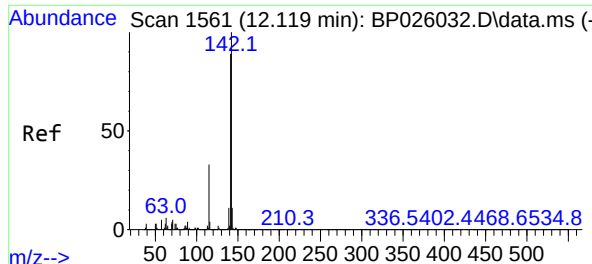
Delta R.T. 0.000 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Tgt Ion:	128	Resp:	436821
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.7	13.1
127	13.0	10.5	15.7





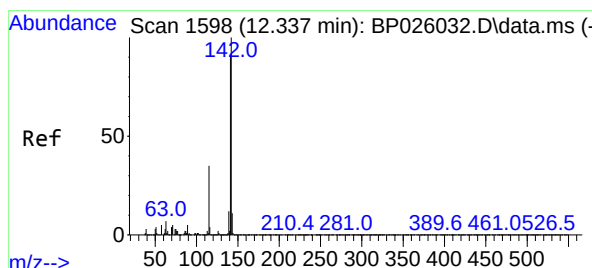
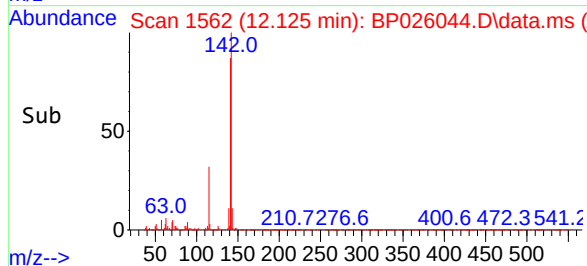
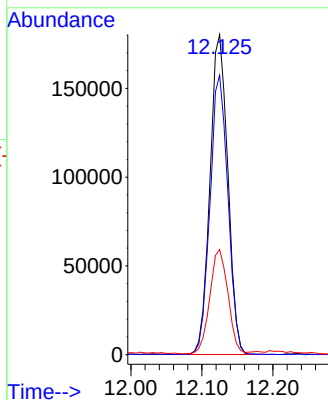
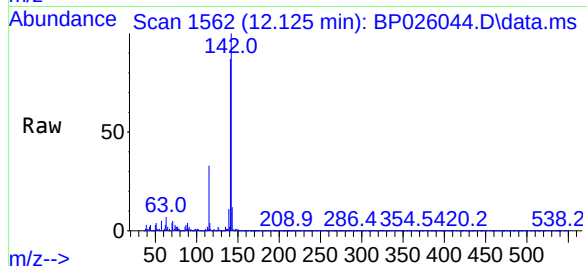
#37
2-Methylnaphthalene
Concen: 5.722 ng
RT: 12.125 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01

Tgt Ion:142 Resp: 31288
Ion Ratio Lower Upper
142 100
141 87.3 71.6 107.4
115 32.8 26.6 39.8

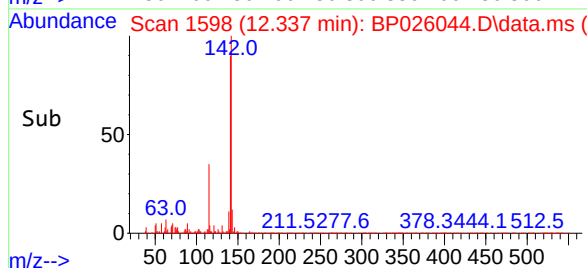
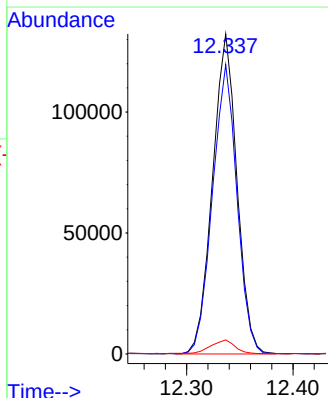
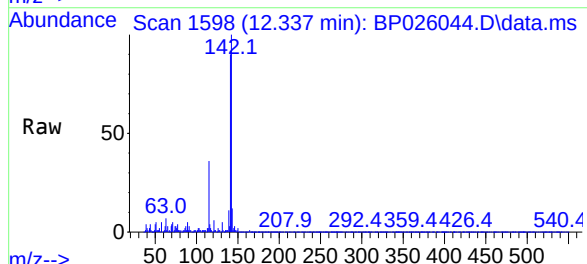
Manual Integrations
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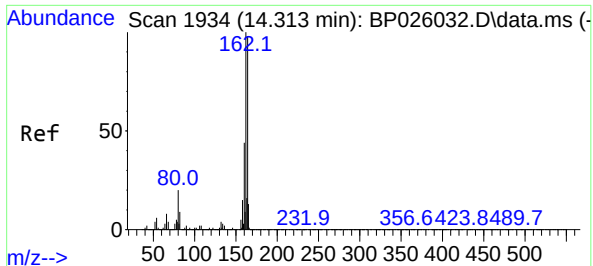
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#38
1-Methylnaphthalene
Concen: 3.981 ng m
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

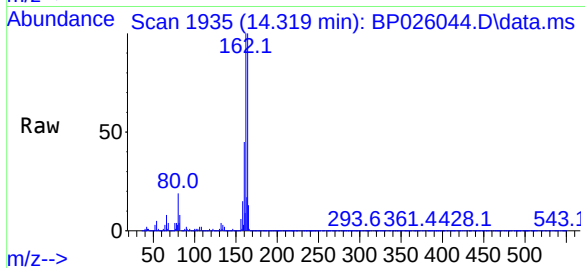
Tgt Ion:142 Resp: 211450
Ion Ratio Lower Upper
142 100
141 90.4 72.7 109.1
116 4.4 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

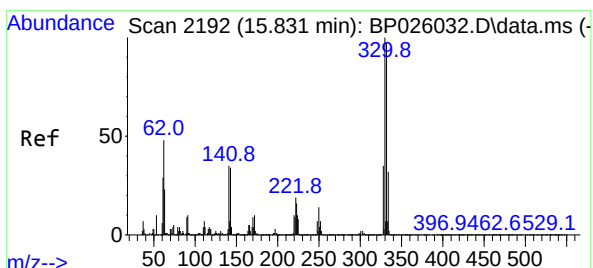
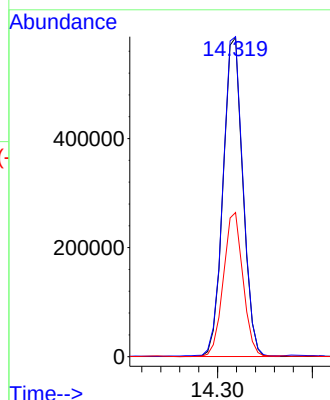
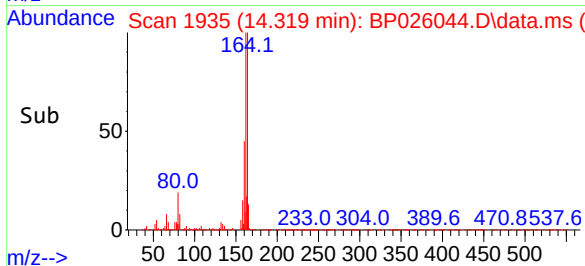
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



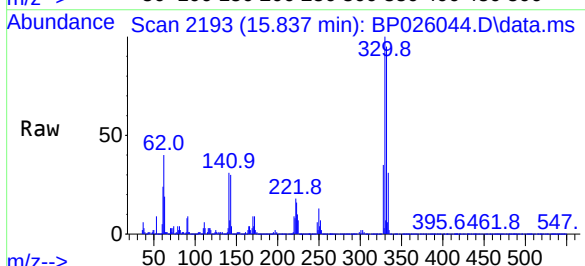
Tgt Ion:164 Resp: 84394
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 45.2 36.2 54.4

Manual Integrations APPROVED

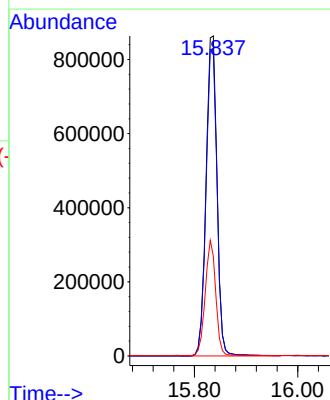
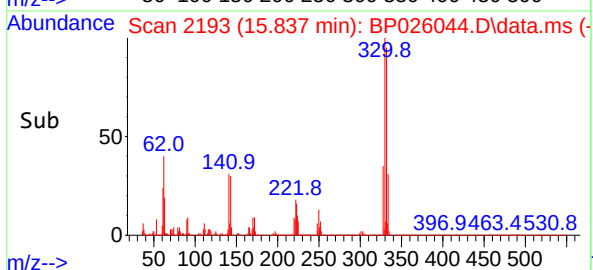
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

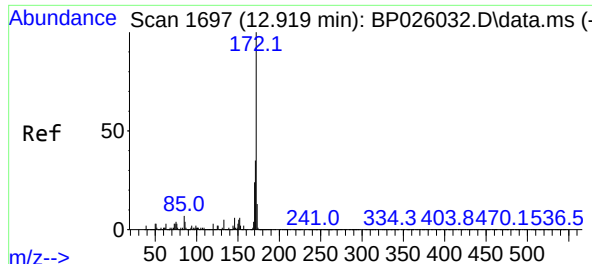


#42
2,4,6-Tribromophenol
Concen: 139.443 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42



Tgt Ion:330 Resp: 1272263
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.2 28.6 42.8





#45

2-Fluorobiphenyl

Concen: 84.579 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Instrument :

BNA_P

ClientSampleId :

P001-TW1-251023-01

Tgt Ion:172 Resp: 4967560

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

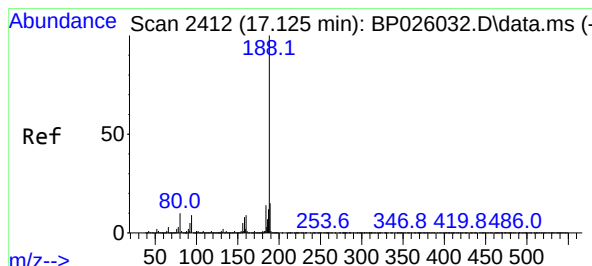
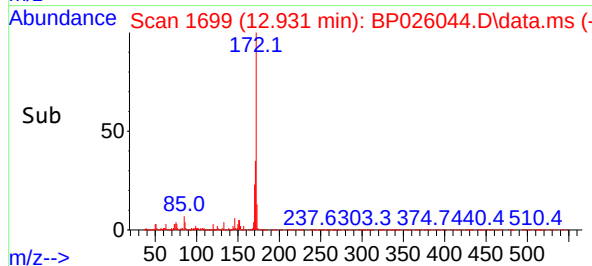
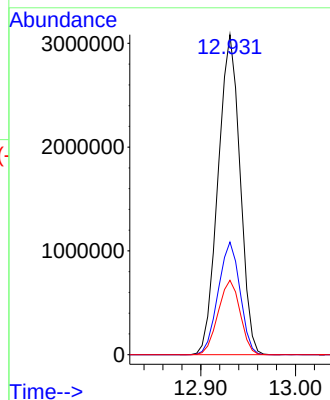
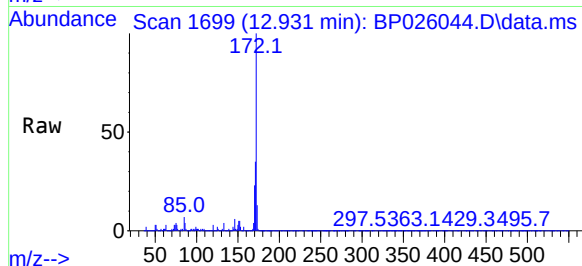
170 23.3 19.0 28.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.137 min Scan# 2414

Delta R.T. 0.012 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

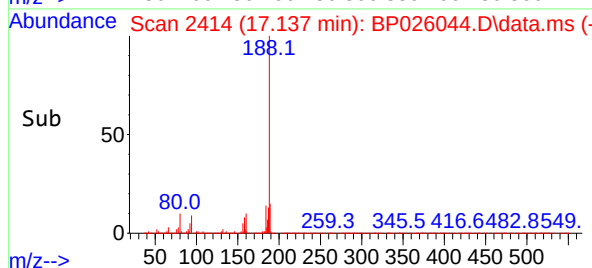
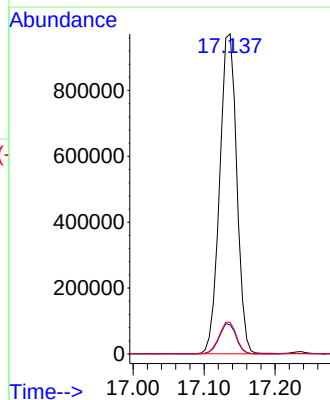
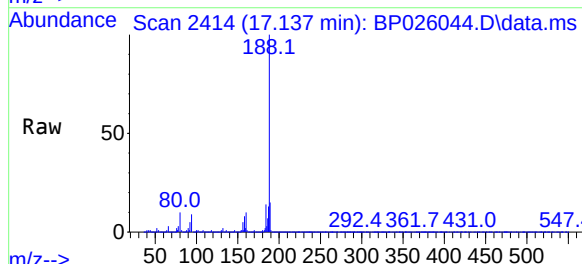
Tgt Ion:188 Resp: 1620982

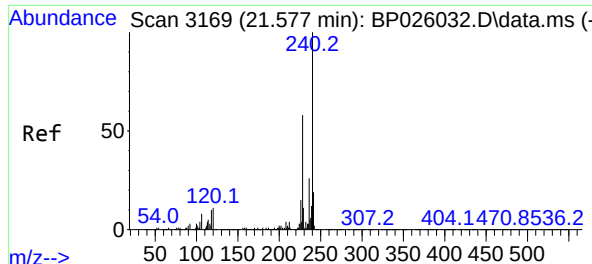
Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.9 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 31

Delta R.T. 0.030 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Instrument :

BNA_P

ClientSampleId :

P001-TW1-251023-01

Tgt Ion:240 Resp: 173092

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

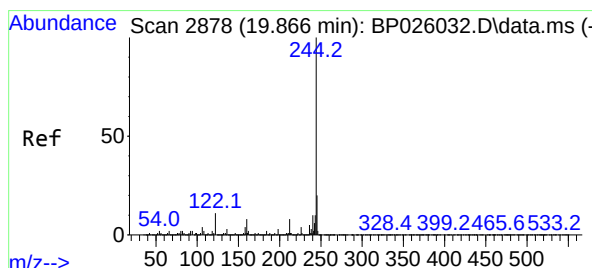
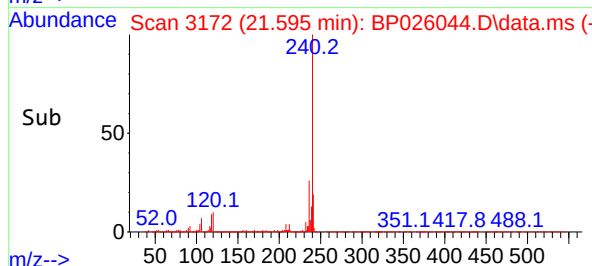
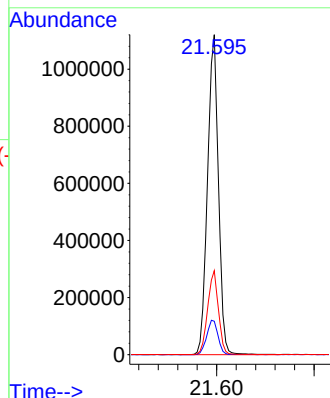
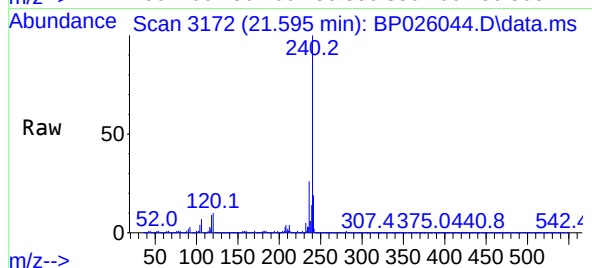
236 26.2 20.6 31.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#79

Terphenyl-d14

Concen: 94.137 ng

RT: 19.878 min Scan# 2880

Delta R.T. 0.012 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

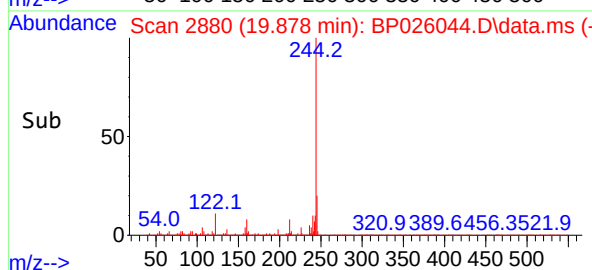
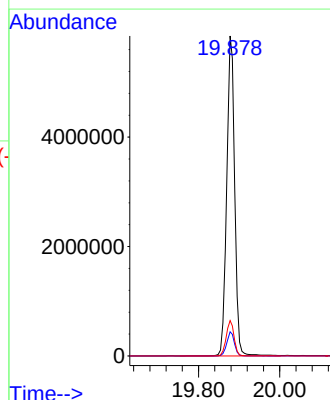
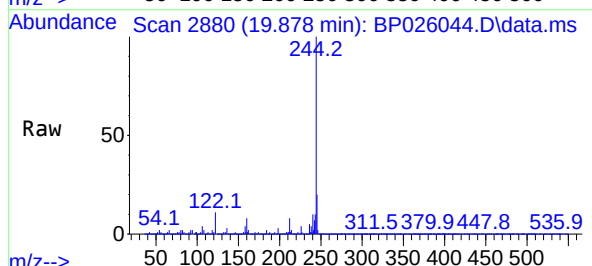
Tgt Ion:244 Resp: 8020127

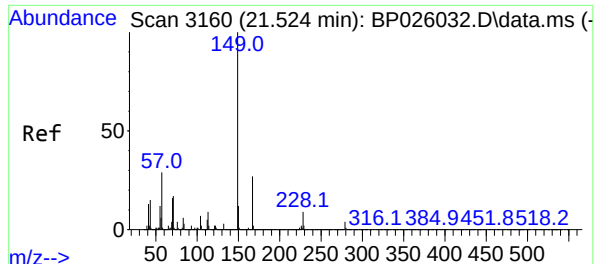
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 11.1 9.0 13.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.845 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.030 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Instrument :

BNA_P

ClientSampleId :

P001-TW1-251023-01

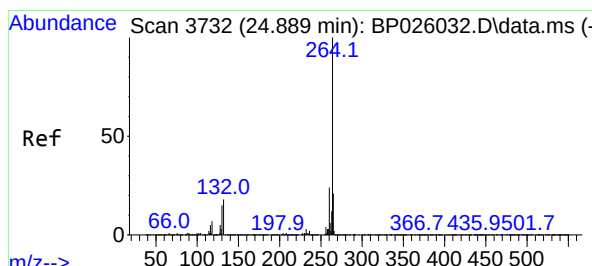
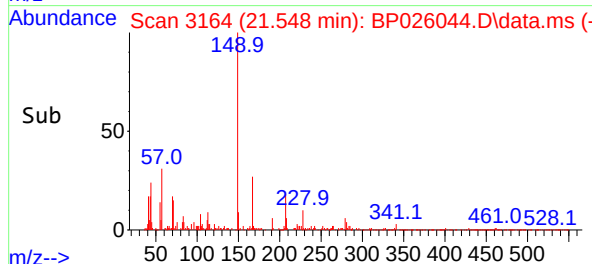
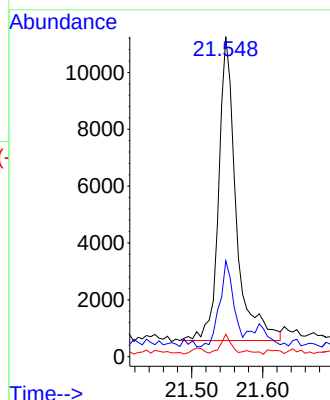
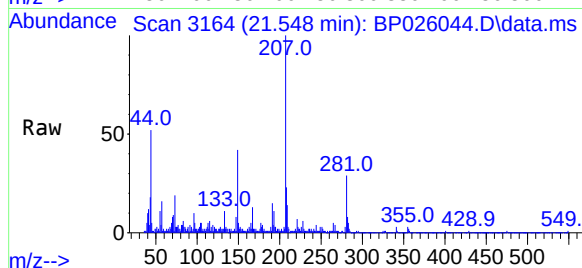
Tgt Ion:	149	Resp:	1824
Ion Ratio	Lower	Upper	
149	100		
167	30.0	21.5	32.3
279	7.0	3.0	4.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#86

Perylene-d12

Concen: 20.000 ng

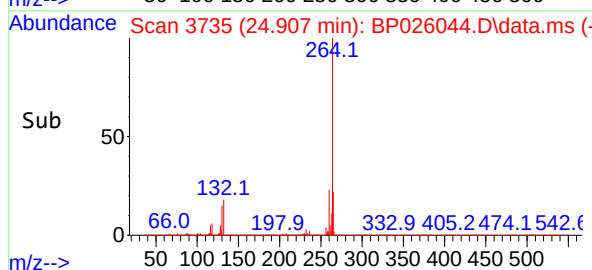
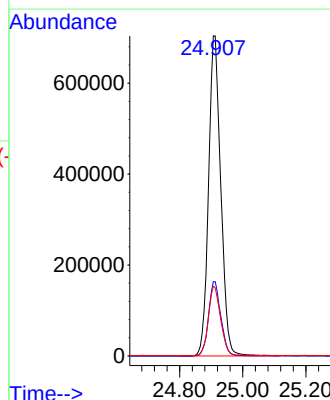
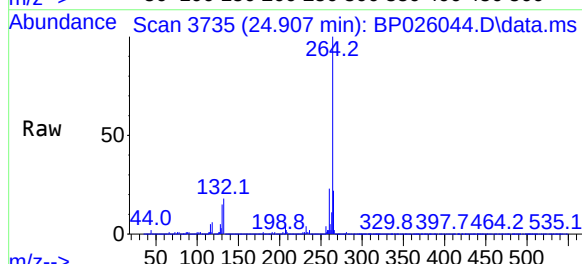
RT: 24.907 min Scan# 3735

Delta R.T. 0.024 min

Lab File: BP026044.D

Acq: 30 Oct 2025 15:42

Tgt Ion:	264	Resp:	1889761
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.1	28.7
265	21.7	17.2	25.8



Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: P001-TW2-251023-01
 Lab Sample ID: Q3447-04
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 100 mL Final Vol: 1000 uL
 Prep Method : SW3510C Prep Date: 10/27/25

Date Collected: 10/23/25
 Date Received: 10/23/25
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/30/25 16:23	PB170267
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/30/25 16:23	PB170267
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/30/25 16:23	PB170267
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/30/25 16:23	PB170267
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/30/25 16:23	PB170267
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/30/25 16:23	PB170267
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/30/25 16:23	PB170267
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/30/25 16:23	PB170267
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/30/25 16:23	PB170267
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/30/25 16:23	PB170267
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/30/25 16:23	PB170267
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/30/25 16:23	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	123			23 - 138	82%	SPK: 150		
13127-88-3	Phenol-d6	111			10 - 134	74%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.5			67 - 132	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.7			52 - 132	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	148			44 - 137	99%	SPK: 150		
1718-51-0	Terphenyl-d14	96.8			42 - 152	97%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	364000							
1146-65-2	Naphthalene-d8	1420000							
15067-26-2	Acenaphthene-d10	856000							
1517-22-2	Phenanthrene-d10	1770000							
1719-03-5	Chrysene-d12	1800000							
1520-96-3	Perylene-d12	877000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026045.D
Acq On : 30 Oct 2025 16:23
Operator : RC/JU
Sample : Q3447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01

Quant Time: Oct 30 16:51:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

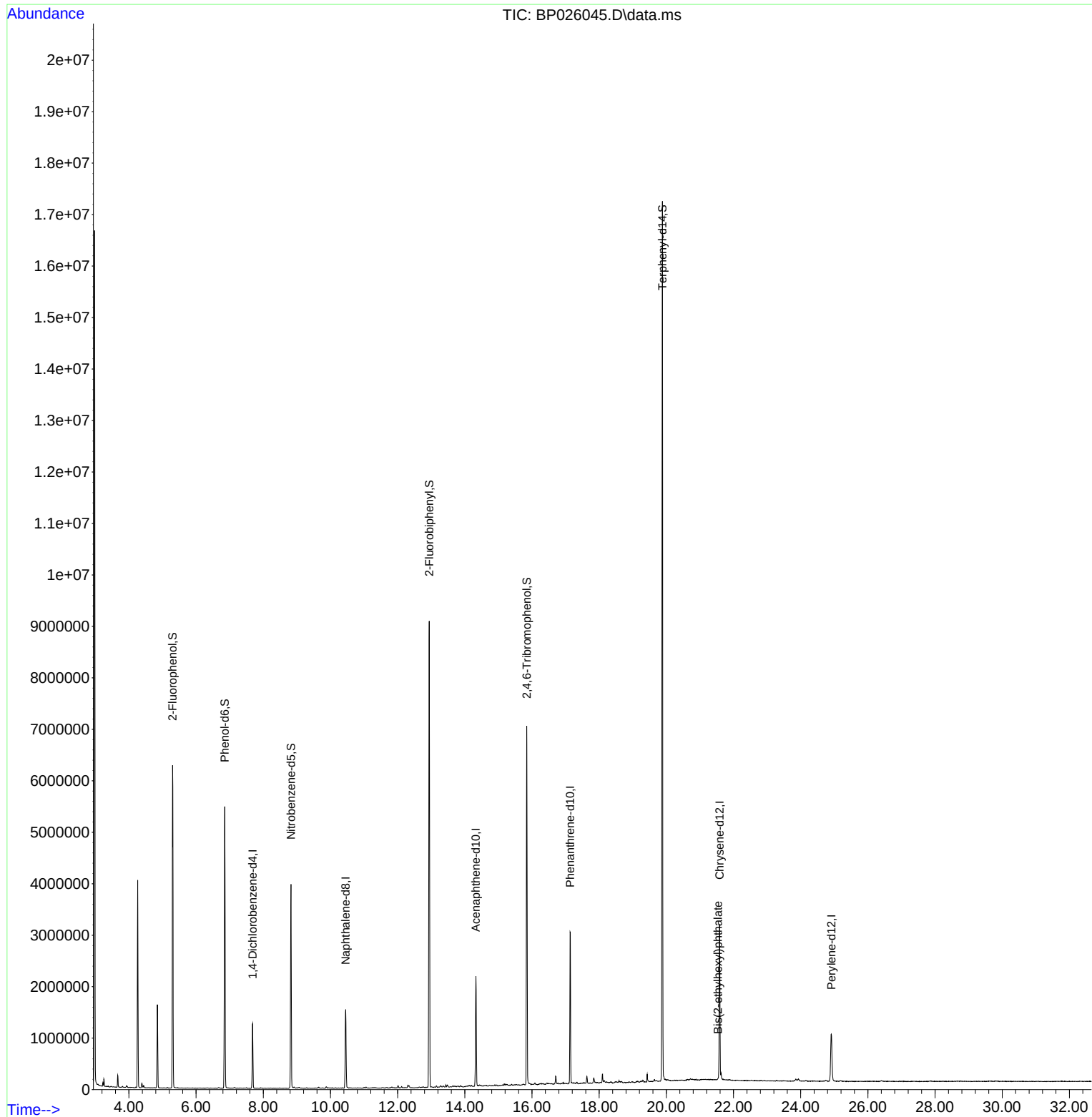
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	363836	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1417735	20.000	ng	0.00
39) Acenaphthene-d10	14.331	164	855859	20.000	ng	0.01
64) Phenanthrene-d10	17.136	188	1766660	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1797152	20.000	ng	0.02
86) Perylene-d12	24.912	264	877217	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2715620	123.161	ng	0.00
7) Phenol-d6	6.854	99	3104808	110.631	ng	0.00
23) Nitrobenzene-d5	8.825	82	2058853	90.531	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	1370195	148.086	ng	0.02
45) 2-Fluorobiphenyl	12.942	172	5046038	84.719	ng	0.01
79) Terphenyl-d14	19.883	244	8565276	96.831	ng	0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.536	149	15458	2.799	ng	Qvalue # 96

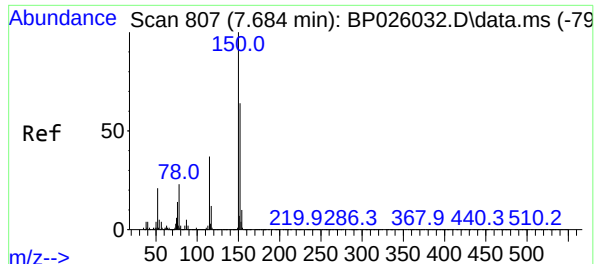
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026045.D
Acq On : 30 Oct 2025 16:23
Operator : RC/JU
Sample : Q3447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01

Quant Time: Oct 30 16:51:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

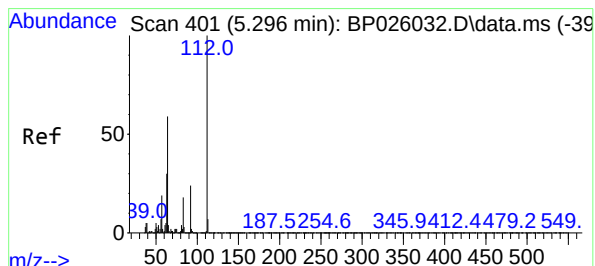
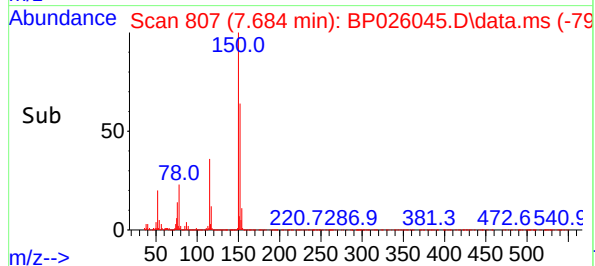
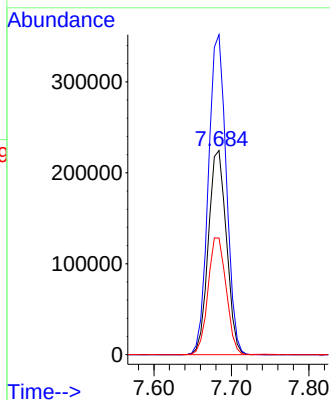
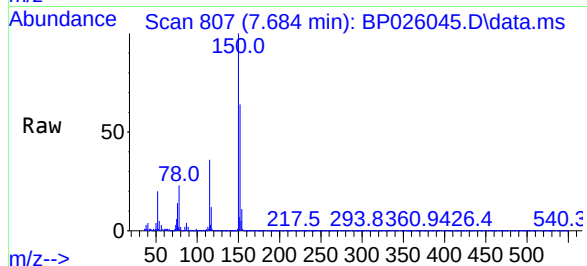




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026045.D
Acq: 30 Oct 2025 16:23

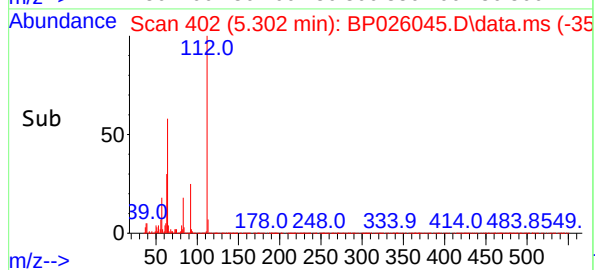
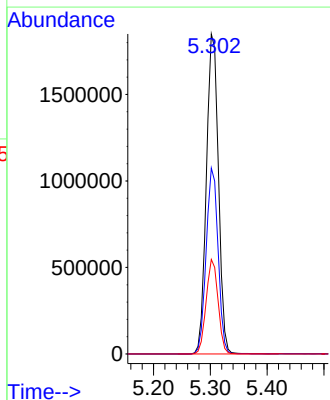
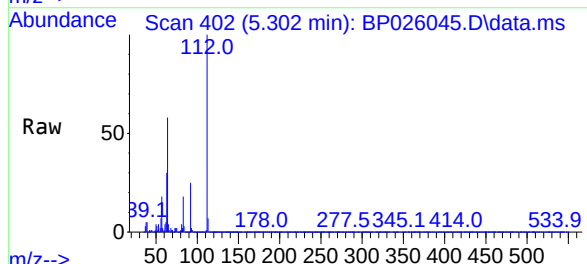
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01

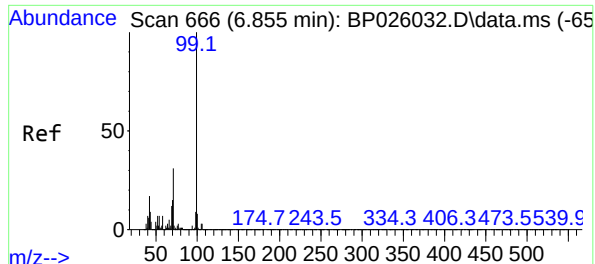
Tgt Ion:152 Resp: 363836
Ion Ratio Lower Upper
152 100
150 156.8 125.7 188.5
115 57.2 46.4 69.6



#5
2-Fluorophenol
Concen: 123.161 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026045.D
Acq: 30 Oct 2025 16:23

Tgt Ion:112 Resp: 2715620
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.2
63 29.5 24.2 36.4

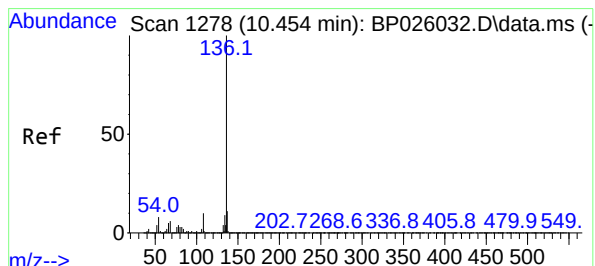
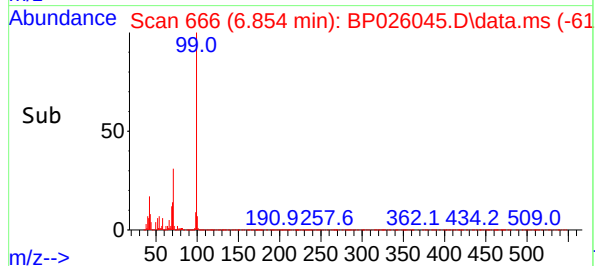
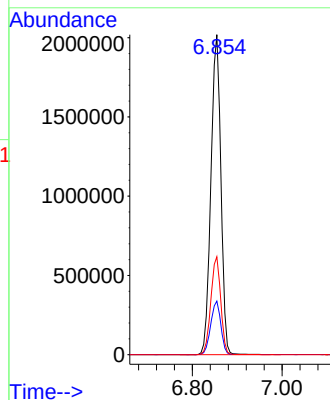
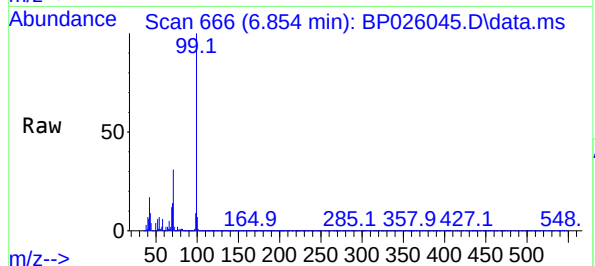




#7
Phenol-d6
Concen: 110.631 ng
RT: 6.854 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP026045.D
Acq: 30 Oct 2025 16:23

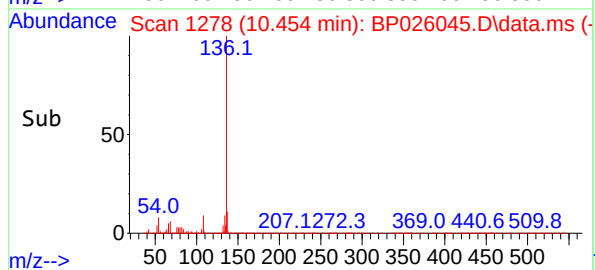
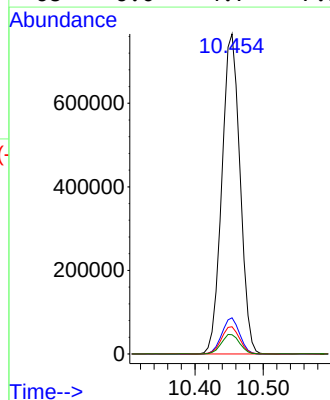
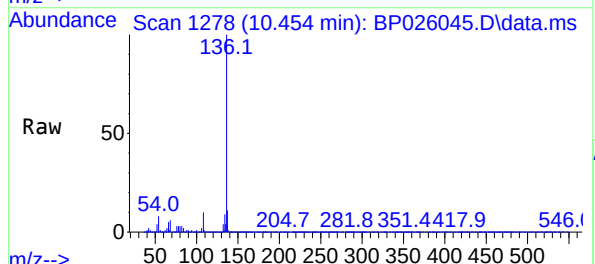
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01

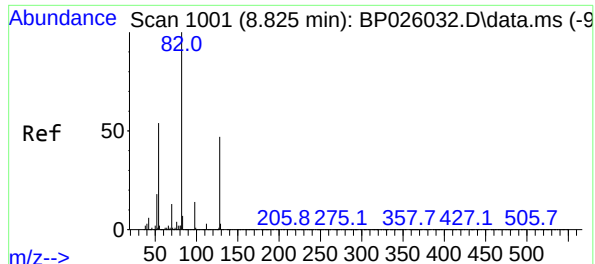
Tgt Ion: 99 Resp: 3104808
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026045.D
Acq: 30 Oct 2025 16:23

Tgt Ion: 136 Resp: 1417735
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.5 6.6 10.0
68 6.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 90.531 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

Instrument :

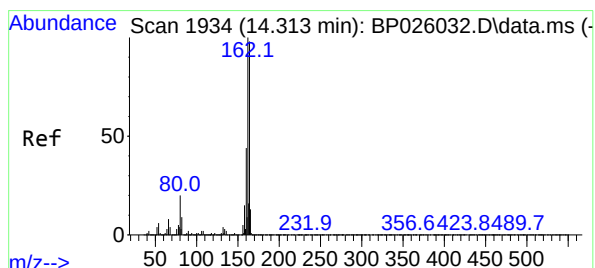
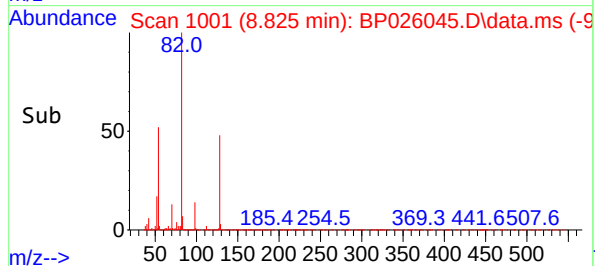
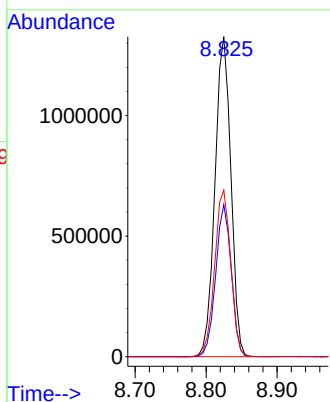
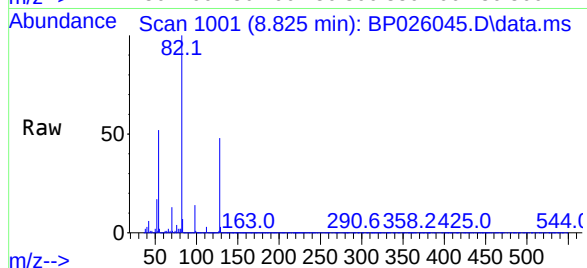
BNA_P

ClientSampleId :

P001-TW2-251023-01

Tgt Ion: 82 Resp: 2058853

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	52.1	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.331 min Scan# 1937

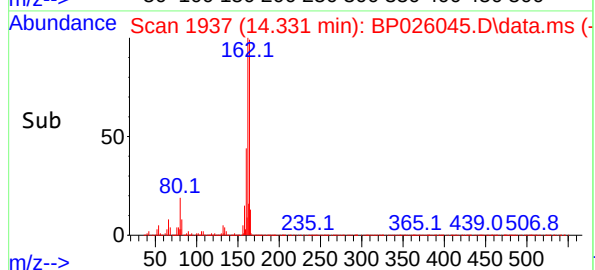
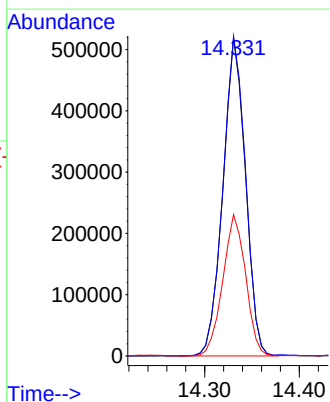
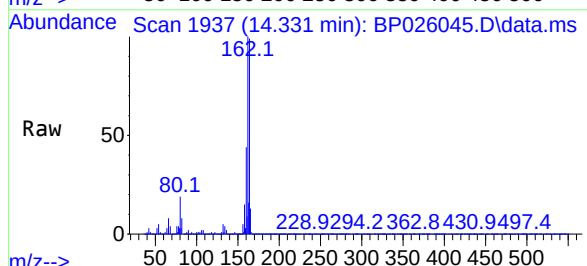
Delta R.T. 0.012 min

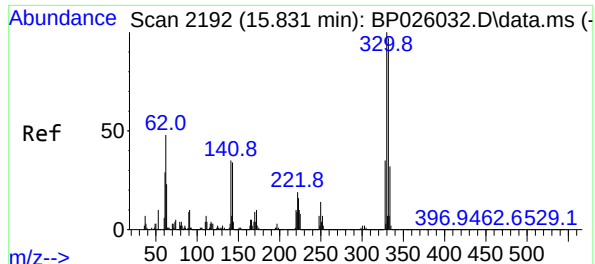
Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

Tgt Ion: 164 Resp: 855859

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.5	122.3
160	44.6	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 148.086 ng

RT: 15.848 min Scan# 2192

Delta R.T. 0.018 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01

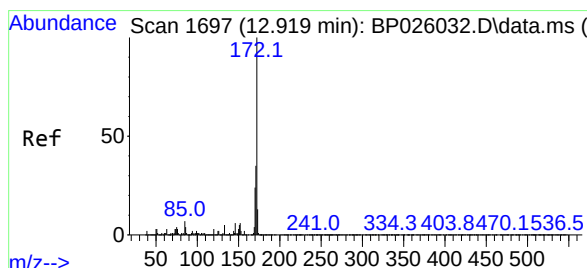
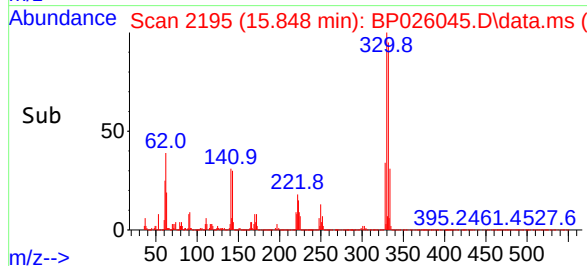
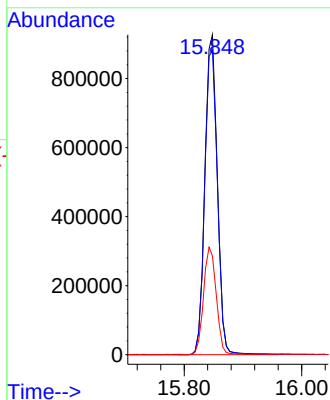
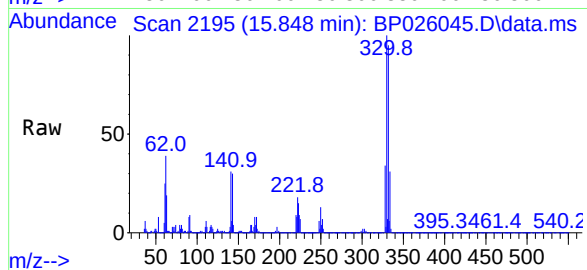
Tgt Ion:330 Resp: 1370195

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 34.0 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 84.719 ng

RT: 12.942 min Scan# 1701

Delta R.T. 0.011 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

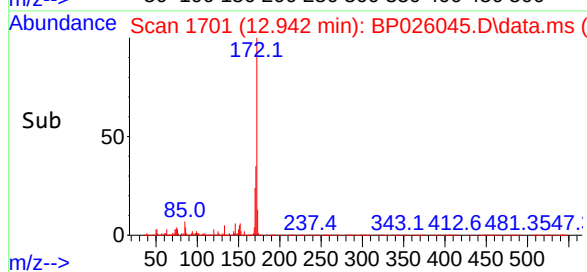
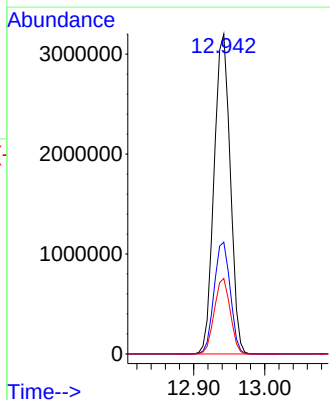
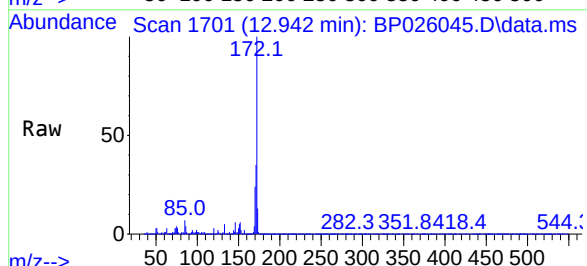
Tgt Ion:172 Resp: 5046038

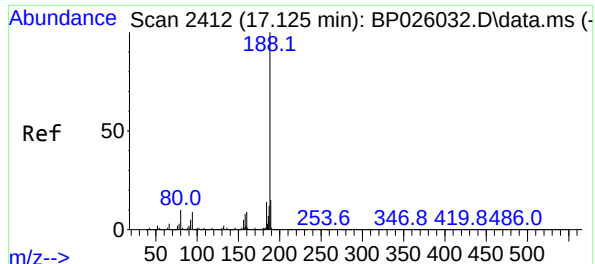
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.136 min Scan# 2412

Delta R.T. 0.012 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01

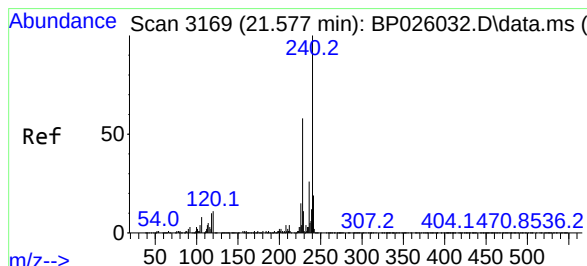
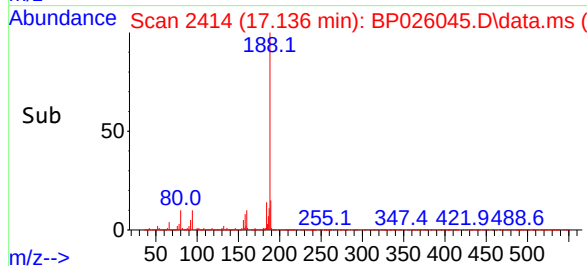
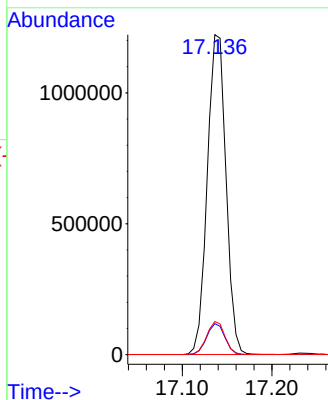
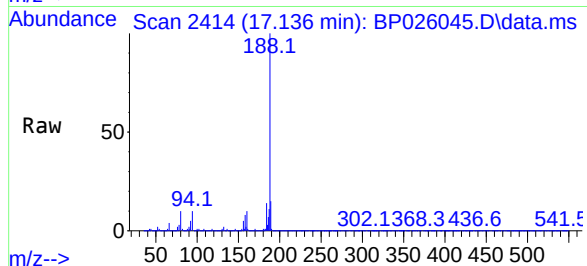
Tgt Ion:188 Resp: 1766660

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.3 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3171

Delta R.T. 0.024 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

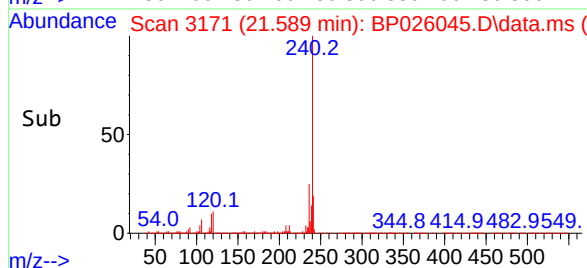
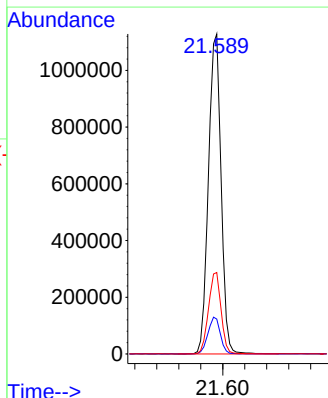
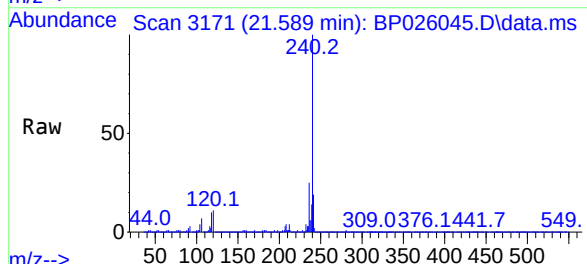
Tgt Ion:240 Resp: 1797152

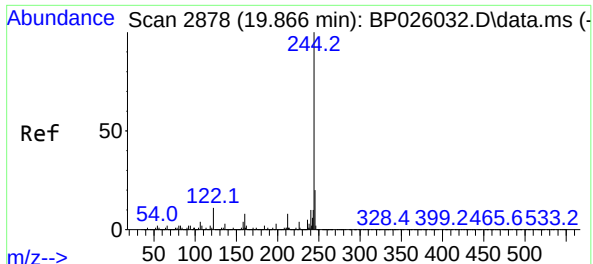
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 96.831 ng

RT: 19.883 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01

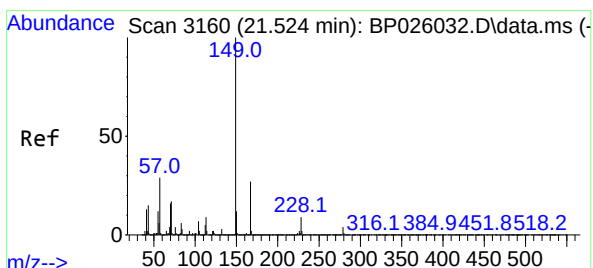
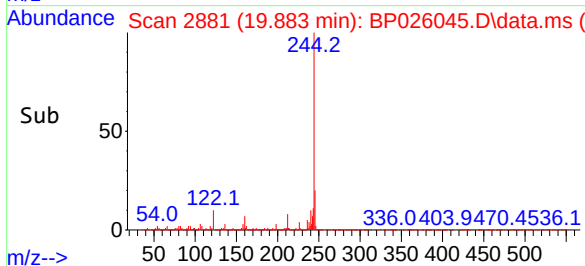
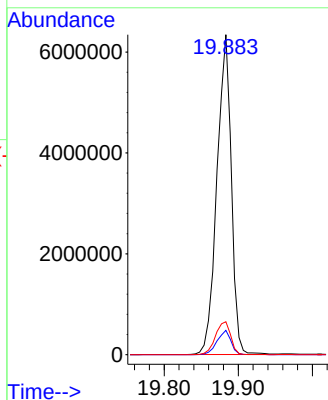
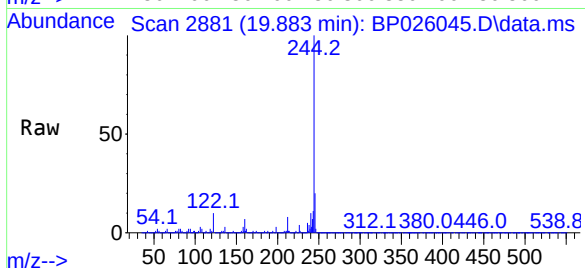
Tgt Ion:244 Resp: 8565276

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 10.3 9.0 13.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.799 ng

RT: 21.536 min Scan# 3162

Delta R.T. 0.018 min

Lab File: BP026045.D

Acq: 30 Oct 2025 16:23

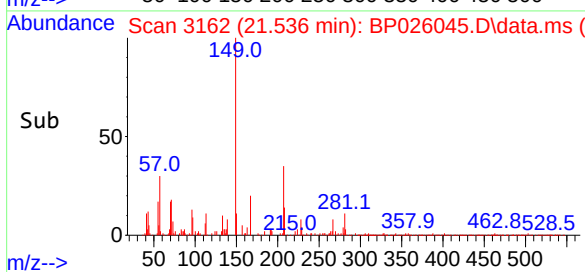
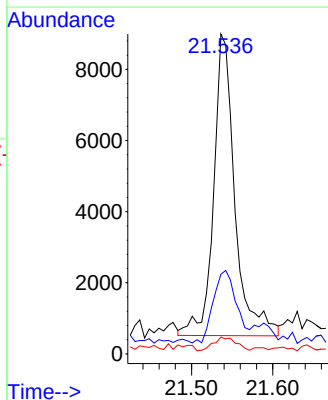
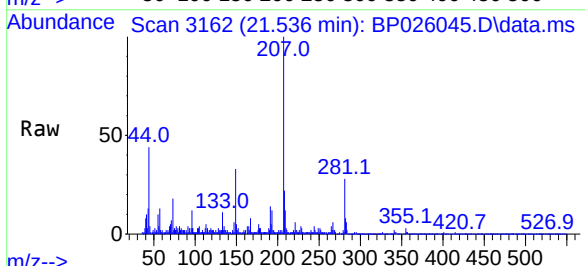
Tgt Ion:149 Resp: 15458

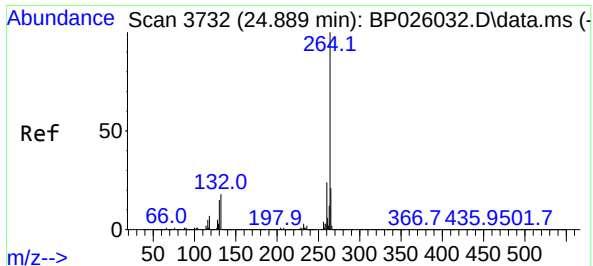
Ion Ratio Lower Upper

149 100

167 24.9 21.5 32.3

279 5.3 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.912 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP026045.D

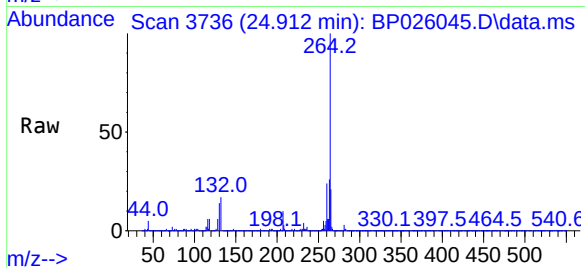
Acq: 30 Oct 2025 16:23

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01



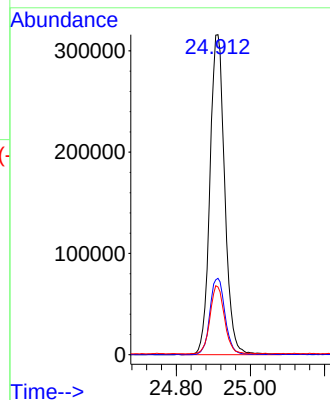
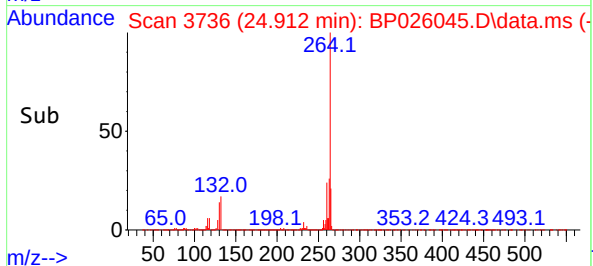
Tgt Ion:264 Resp: 877217

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.2 17.2 25.8



Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: P001-TW3-251023-01
 Lab Sample ID: Q3447-06
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 100 mL Final Vol: 1000 uL
 Prep Method: SW3510C Prep Date: 10/27/25

Date Collected: 10/23/25
 Date Received: 10/23/25
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/29/25 00:09	PB170267
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/29/25 00:09	PB170267
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/29/25 00:09	PB170267
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/29/25 00:09	PB170267
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/29/25 00:09	PB170267
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/29/25 00:09	PB170267
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/29/25 00:09	PB170267
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/29/25 00:09	PB170267
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/29/25 00:09	PB170267
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/29/25 00:09	PB170267
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/29/25 00:09	PB170267
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/29/25 00:09	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	114			23 - 138	76%	SPK: 150		
13127-88-3	Phenol-d6	109			10 - 134	73%	SPK: 150		
4165-60-0	Nitrobenzene-d5	81.8			67 - 132	82%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.3			52 - 132	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	130			44 - 137	87%	SPK: 150		
1718-51-0	Terphenyl-d14	83.6			42 - 152	84%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	74200							
1146-65-2	Naphthalene-d8	289000							
15067-26-2	Acenaphthene-d10	161000							
1517-22-2	Phenanthrene-d10	268000							
1719-03-5	Chrysene-d12	172000							
1520-96-3	Perylene-d12	208000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144119.D
Acq On : 29 Oct 2025 00:09
Operator : RC/JU
Sample : Q3447-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

Quant Time: Oct 29 05:49:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74206	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	288956	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160721	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	268460	20.000	ng	0.00
76) Chrysene-d12	14.051	240	171657	20.000	ng	0.00
86) Perylene-d12	15.539	264	207654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	533577	113.761	ng	0.02
7) Phenol-d6	6.510	99	564129	108.906	ng	0.00
23) Nitrobenzene-d5	7.440	82	431333	81.782	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265839	129.850	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	882921	77.306	ng	0.00
79) Terphenyl-d14	12.998	244	820850	83.598	ng	0.00

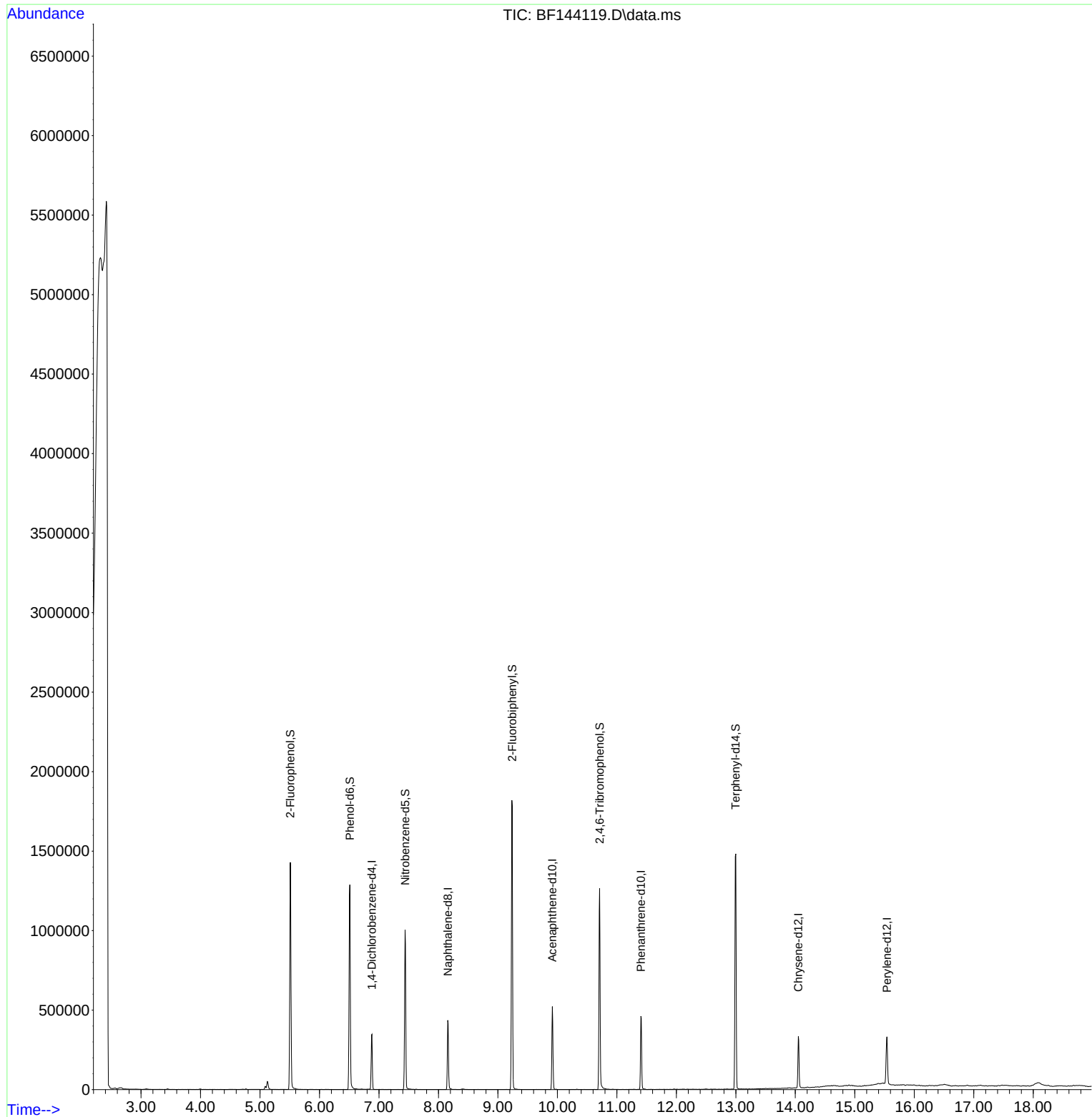
Target Compounds	Qvalue
------------------	--------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

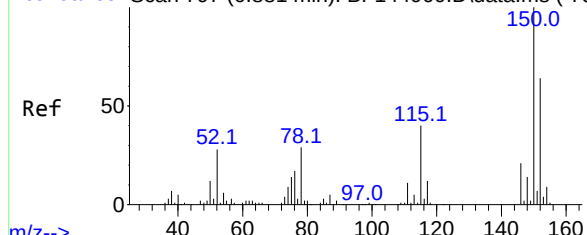
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144119.D
Acq On : 29 Oct 2025 00:09
Operator : RC/JU
Sample : Q3447-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

Quant Time: Oct 29 05:49:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

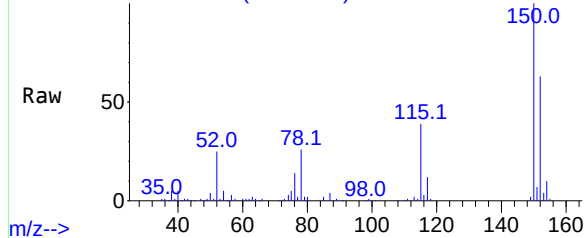


Abundance Scan 797 (6.881 min): BF144060.D\data.ms (-79



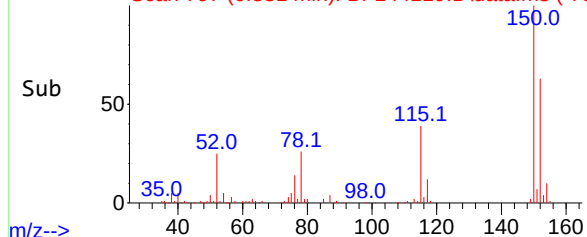
m/z-->

Abundance Scan 797 (6.881 min): BF144119.D\data.ms



m/z-->

Abundance Scan 797 (6.881 min): BF144119.D\data.ms (-78



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

BNA_F

ClientSampleId :

P001-TW3-251023-01

Tgt Ion:152 Resp: 74206

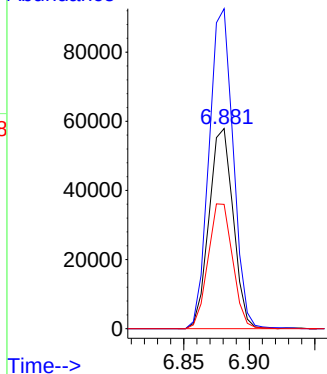
Ion Ratio Lower Upper

152 100

150 159.8 124.4 186.6

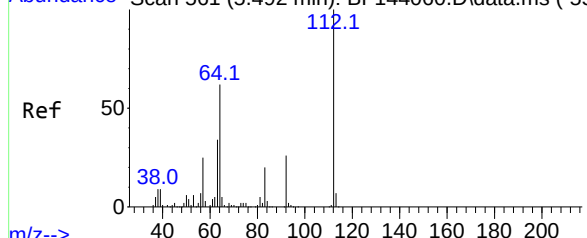
115 62.1 49.4 74.0

Abundance



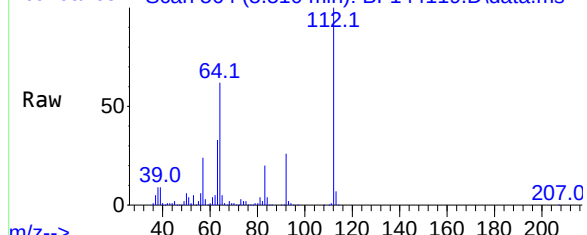
Time-->

Abundance Scan 561 (5.492 min): BF144060.D\data.ms (-55



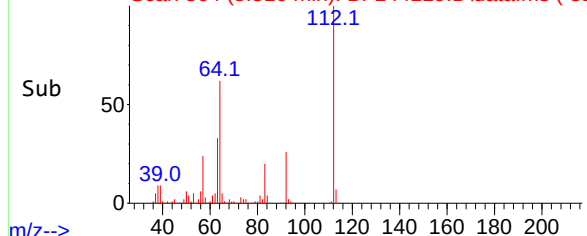
m/z-->

Abundance Scan 564 (5.510 min): BF144119.D\data.ms



m/z-->

Abundance Scan 564 (5.510 min): BF144119.D\data.ms (-51



m/z-->

#5

2-Fluorophenol

Concen: 113.761 ng

RT: 5.510 min Scan# 564

Delta R.T. 0.018 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Tgt Ion:112 Resp: 533577

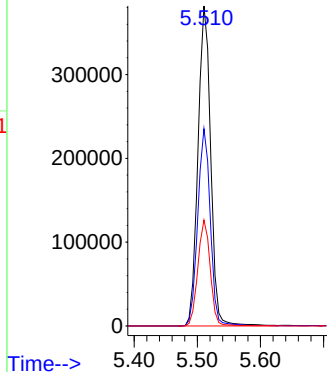
Ion Ratio Lower Upper

112 100

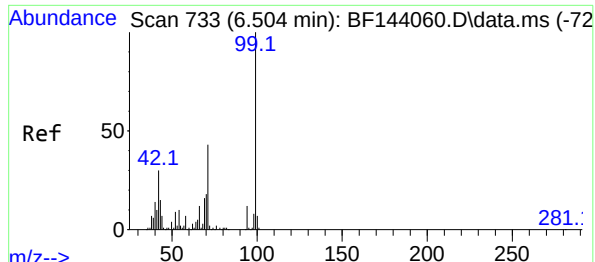
64 61.6 49.8 74.8

63 33.1 27.4 41.2

Abundance



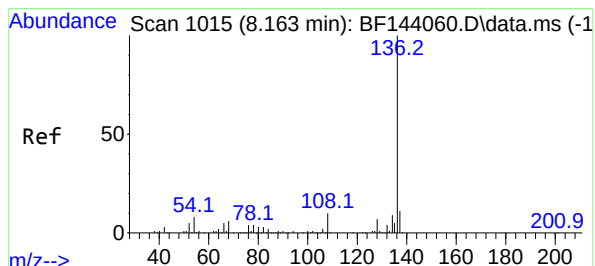
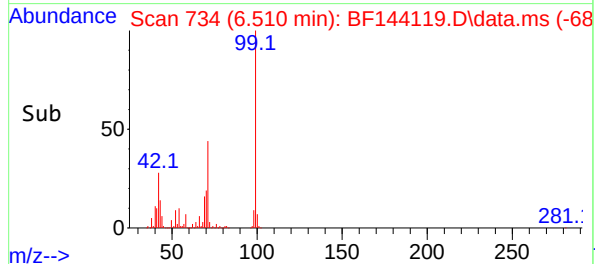
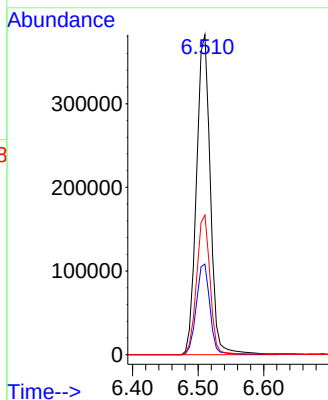
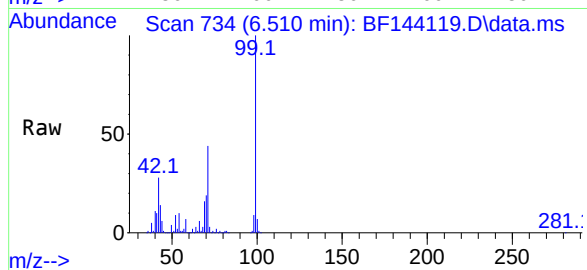
Time-->



#7
Phenol-d6
Concen: 108.906 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

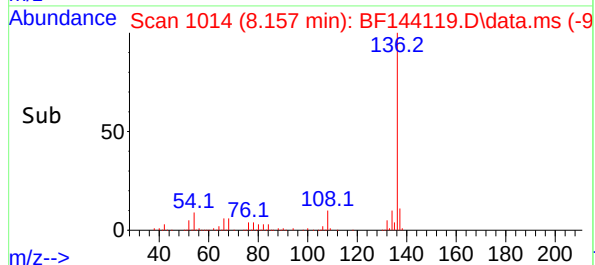
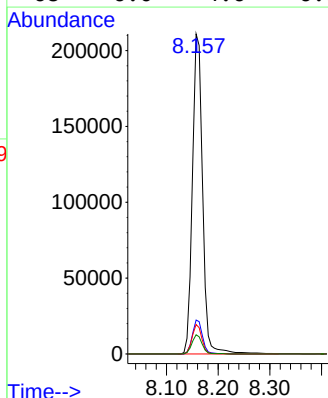
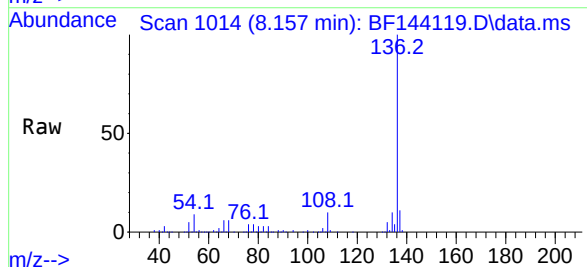
Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

Tgt Ion: 99 Resp: 564129
Ion Ratio Lower Upper
99 100
42 28.3 23.9 35.9
71 43.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion: 136 Resp: 288956
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 6.6 9.8
68 6.0 4.6 6.8



Abundance Scan 892 (7.439 min): BF144060.D\data.ms (-88

#23

Nitrobenzene-d5

Concen: 81.782 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

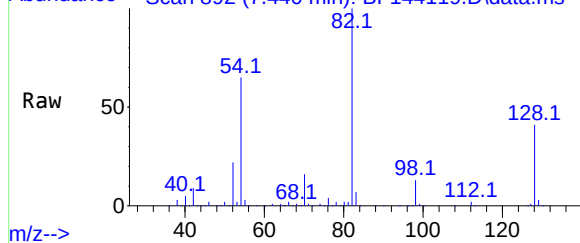
BNA_F

ClientSampleId :

P001-TW3-251023-01

m/z-->

Abundance Scan 892 (7.440 min): BF144119.D\data.ms



Tgt Ion: 82 Resp: 431333

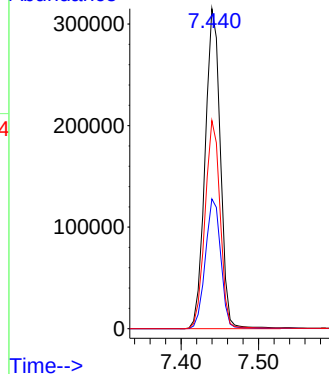
Ion Ratio Lower Upper

82 100

128 40.5 32.4 48.6

54 65.0 54.0 81.0

Abundance



Time-->

Abundance Scan 1313 (9.916 min): BF144060.D\data.ms (-1

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

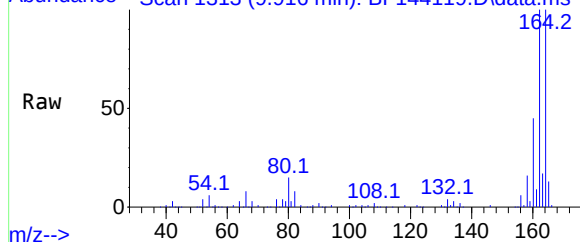
Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

m/z-->

Abundance Scan 1313 (9.916 min): BF144119.D\data.ms



Tgt Ion: 164 Resp: 160721

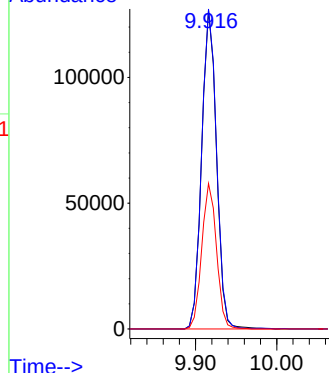
Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

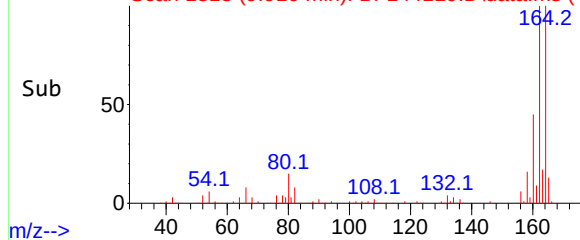
160 45.6 36.7 55.1

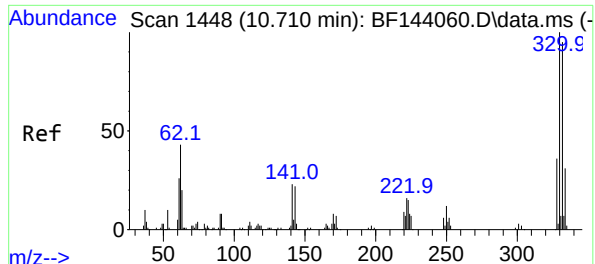
Abundance



Time-->

Abundance Scan 1313 (9.916 min): BF144119.D\data.ms (-1





#42

2,4,6-Tribromophenol

Concen: 129.850 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

BNA_F

ClientSampleId :

P001-TW3-251023-01

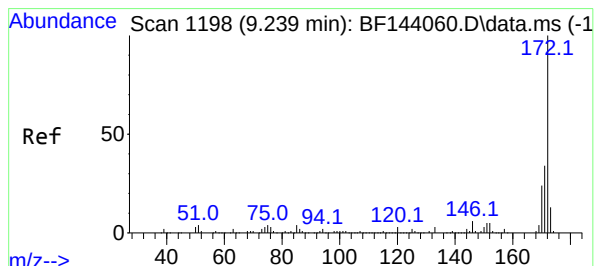
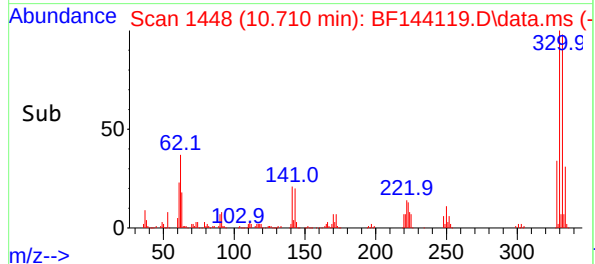
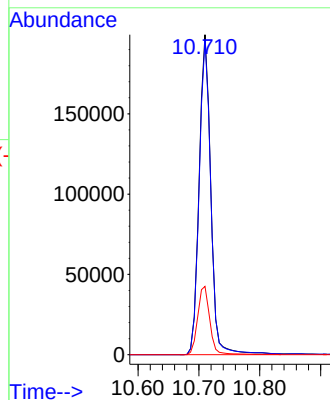
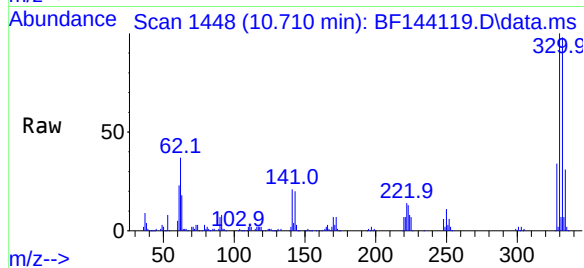
Tgt Ion:330 Resp: 265839

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

141 22.2 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 77.306 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

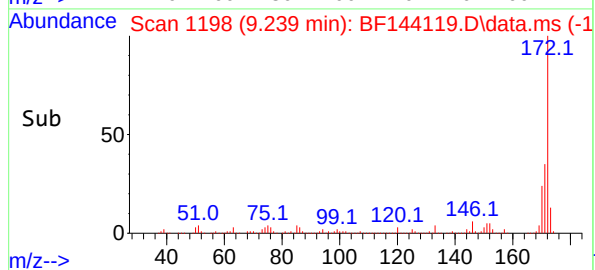
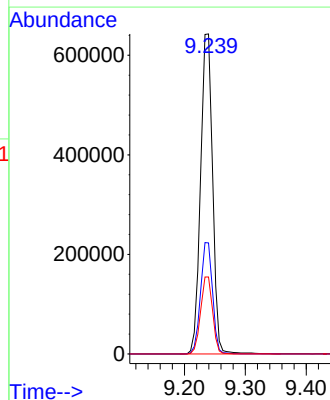
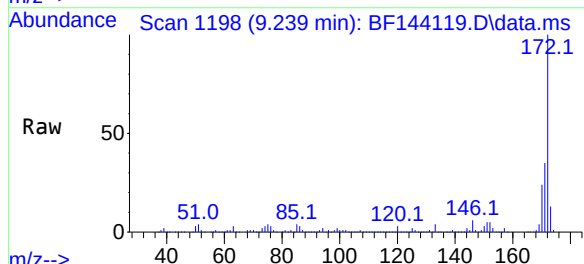
Tgt Ion:172 Resp: 882921

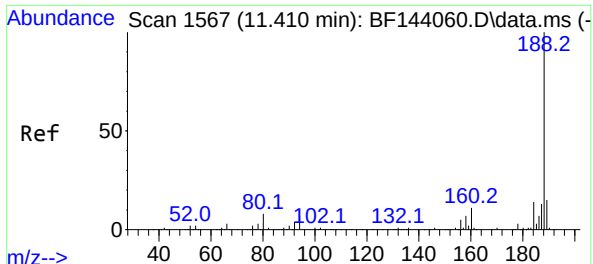
Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

170 24.1 19.0 28.6

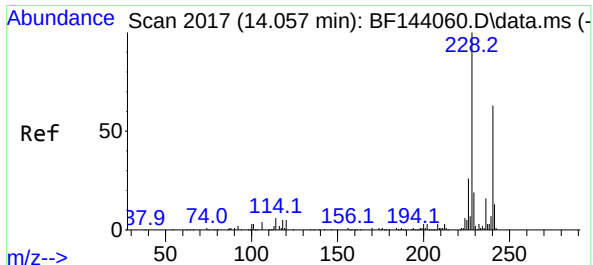
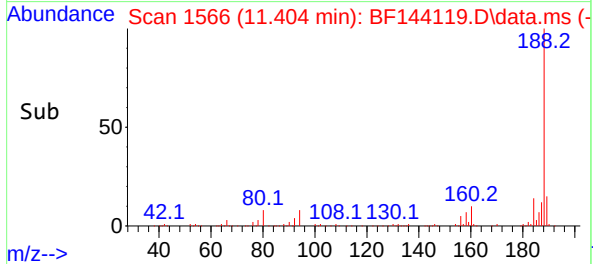
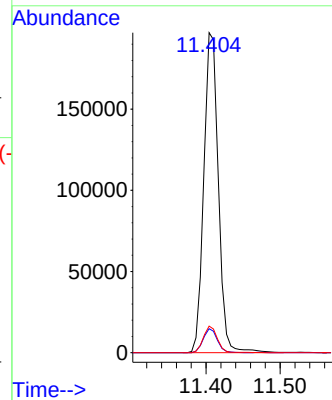
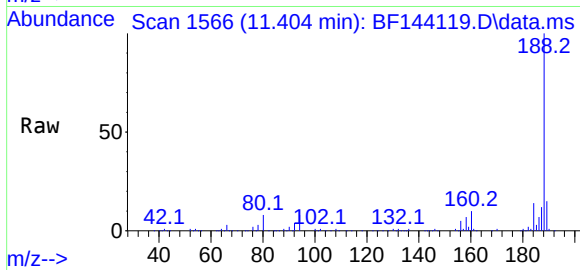




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

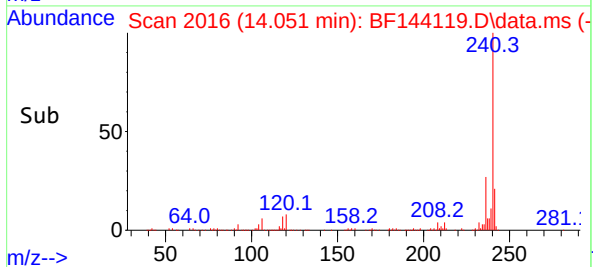
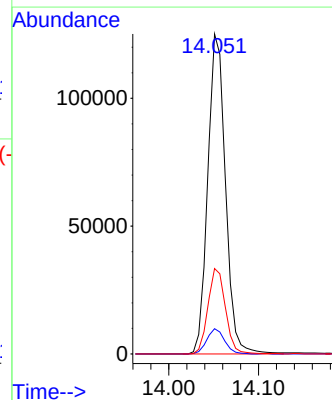
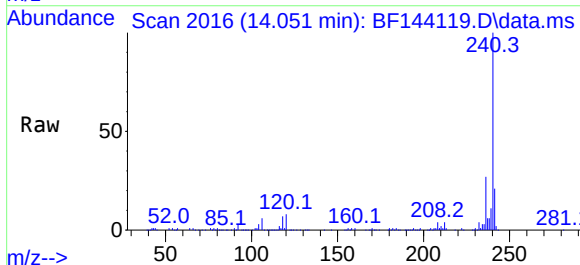
Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

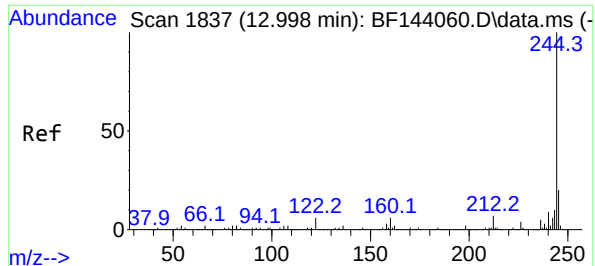
Tgt Ion:188 Resp: 268460
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.3 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:240 Resp: 171657
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.7 20.1 30.1





#79

Terphenyl-d14

Concen: 83.598 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

BNA_F

ClientSampleId :

P001-TW3-251023-01

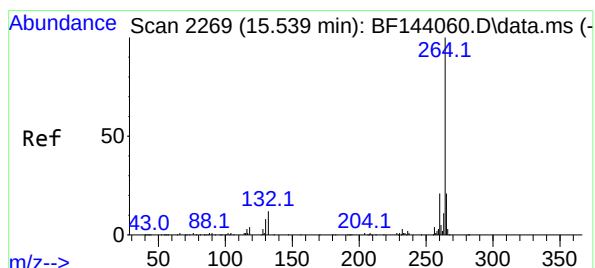
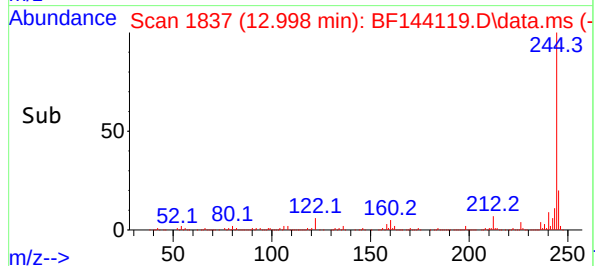
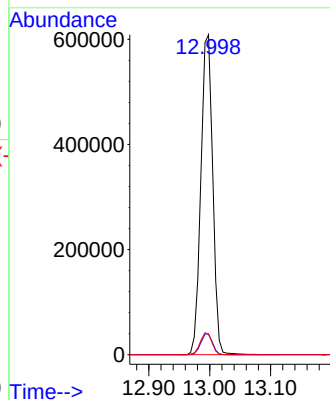
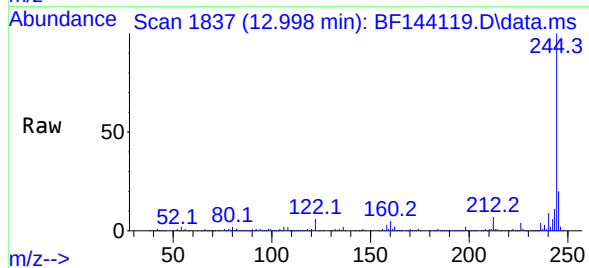
Tgt Ion:244 Resp: 820850

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 6.4 4.9 7.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

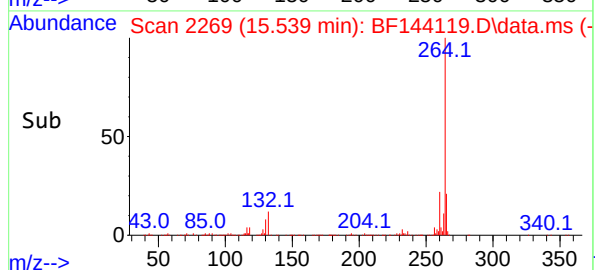
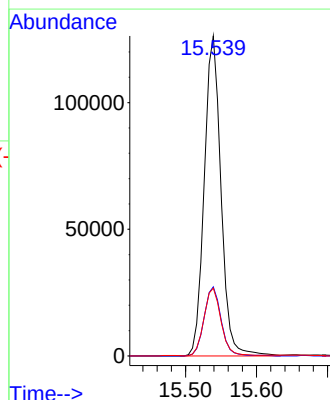
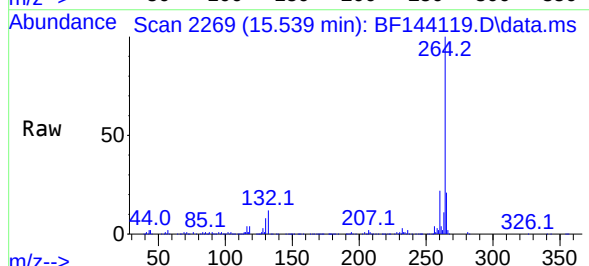
Tgt Ion:264 Resp: 207654

Ion Ratio Lower Upper

264 100

260 21.6 17.0 25.4

265 21.2 16.6 24.8



Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: P001-TW4-251023-01
 Lab Sample ID: Q3447-08
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 100 mL Final Vol: 1000 uL
 Prep Method: SW3510C Prep Date: 10/27/25

Date Collected: 10/23/25
 Date Received: 10/23/25
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/31/25 14:50	PB170267
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/31/25 14:50	PB170267
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/31/25 14:50	PB170267
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/31/25 14:50	PB170267
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/31/25 14:50	PB170267
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/31/25 14:50	PB170267
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/31/25 14:50	PB170267
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/31/25 14:50	PB170267
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/31/25 14:50	PB170267
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/31/25 14:50	PB170267
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/31/25 14:50	PB170267
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/31/25 14:50	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	132			23 - 138	88%	SPK: 150		
13127-88-3	Phenol-d6	104			10 - 134	69%	SPK: 150		
4165-60-0	Nitrobenzene-d5	105			67 - 132	105%	SPK: 100		
321-60-8	2-Fluorobiphenyl	109			52 - 132	109%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	205			44 - 137	137%	SPK: 150		
1718-51-0	Terphenyl-d14	99.7			42 - 152	100%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	32300							
1146-65-2	Naphthalene-d8	126000							
15067-26-2	Acenaphthene-d10	78100							
1517-22-2	Phenanthrene-d10	257000							
1719-03-5	Chrysene-d12	264000							
1520-96-3	Perylene-d12	83100							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064656.D
Acq On : 31 Oct 2025 14:50
Operator : RC/JU
Sample : Q3447-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Quant Time: Oct 31 15:28:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	32281	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	126478	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	78090	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	257453	20.000	ng	0.00
76) Chrysene-d12	21.851	240	264435	20.000	ng	-0.01
86) Perylene-d12	25.189	264	83058	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	253828	131.981	ng	0.00
7) Phenol-d6	7.357	99	274095	103.861	ng	0.00
23) Nitrobenzene-d5	9.384	82	220371	104.651	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	231266	205.192	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	562842	109.249	ng	0.00
79) Terphenyl-d14	20.171	244	1397484	99.733	ng	0.00

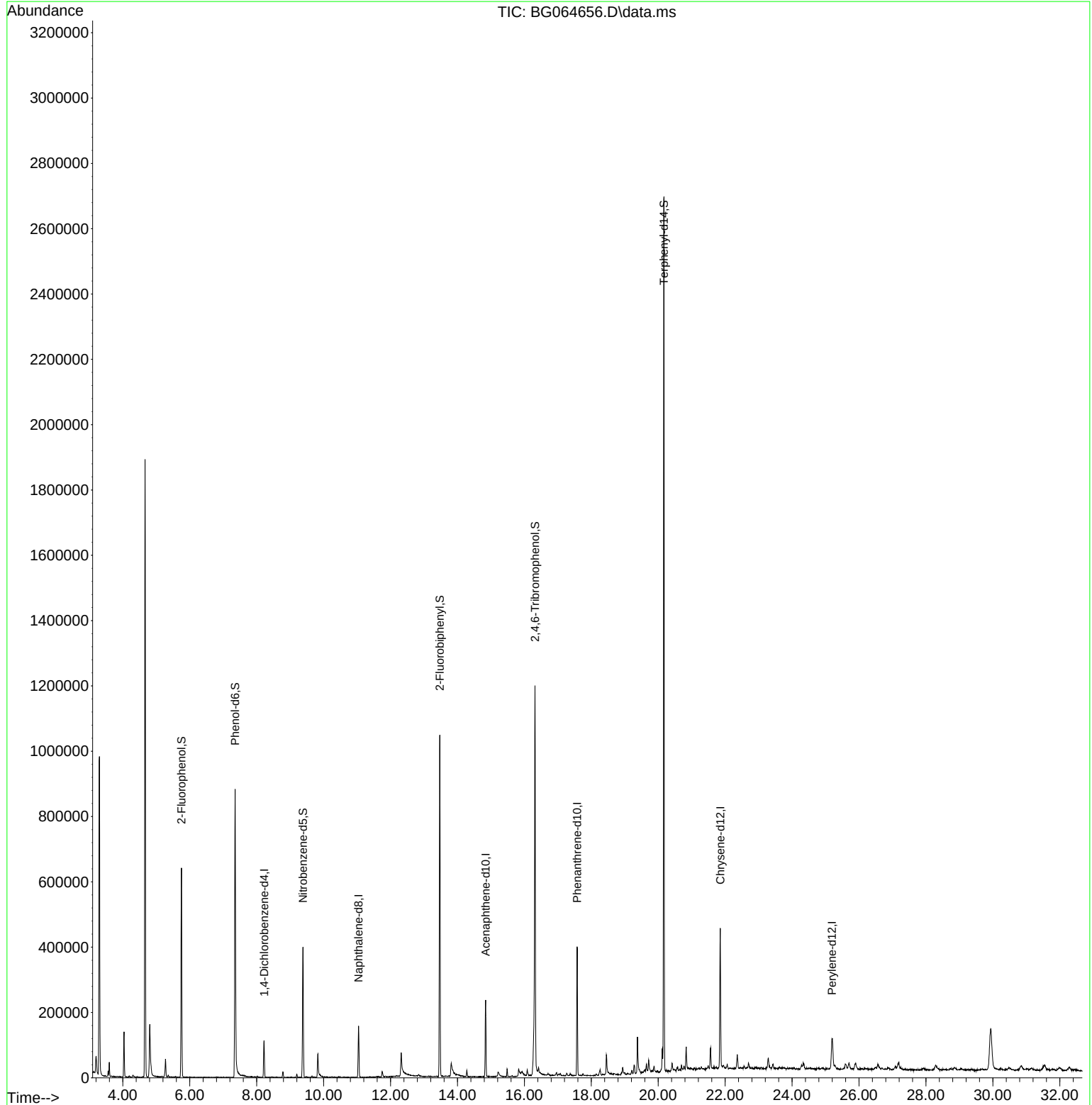
Target Compounds	Qvalue
------------------	--------

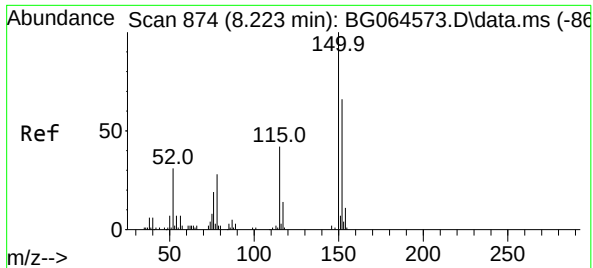
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064656.D
Acq On : 31 Oct 2025 14:50
Operator : RC/JU
Sample : Q3447-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Quant Time: Oct 31 15:28:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

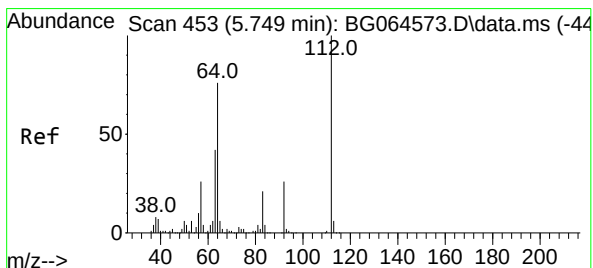
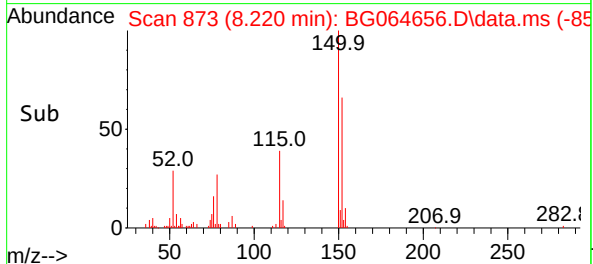
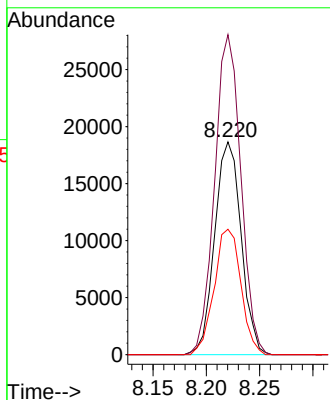
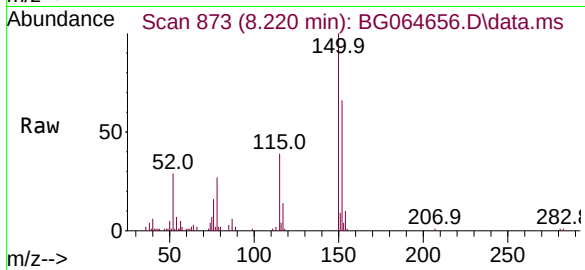




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

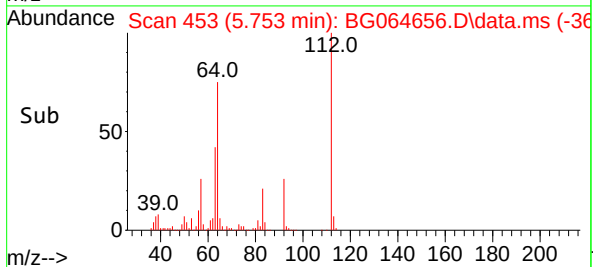
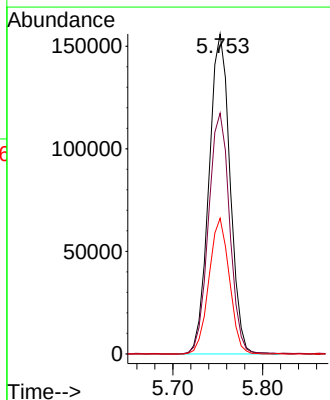
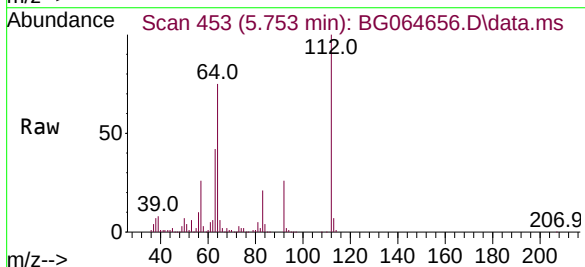
Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

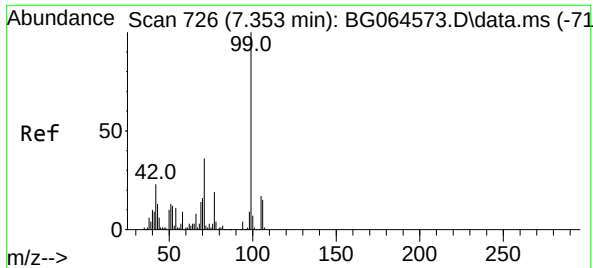
Tgt Ion:152 Resp: 32281
Ion Ratio Lower Upper
152 100
150 150.4 122.2 183.4
115 58.9 50.8 76.2



#5
2-Fluorophenol
Concen: 131.981 ng
RT: 5.753 min Scan# 453
Delta R.T. 0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:112 Resp: 253828
Ion Ratio Lower Upper
112 100
64 75.2 60.7 91.1
63 42.4 33.4 50.0





#7

Phenol-d6

Concen: 103.861 ng

RT: 7.357 min Scan# 71

Delta R.T. -0.000 min

Lab File: BG064656.D

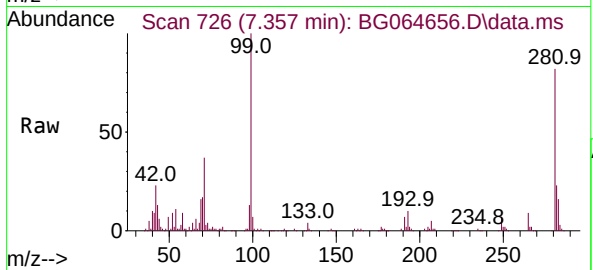
Acq: 31 Oct 2025 14:50

Instrument :

BNA_G

ClientSampleId :

P001-TW4-251023-01



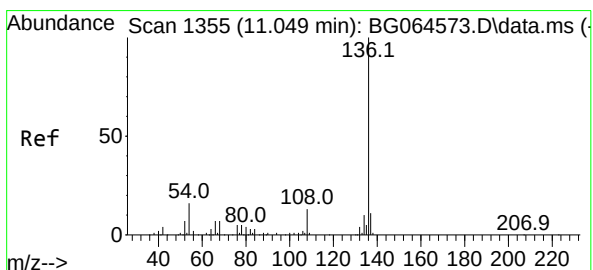
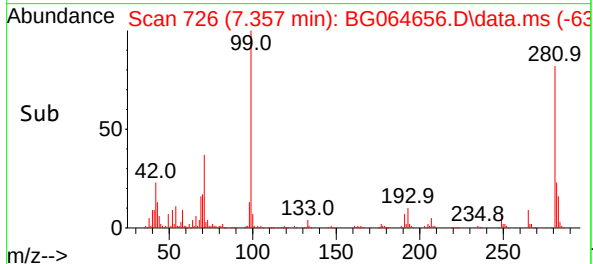
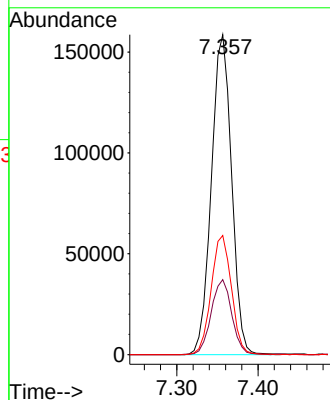
Tgt Ion: 99 Resp: 274095

Ion Ratio Lower Upper

99 100

42 23.4 18.3 27.5

71 37.2 28.6 43.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.046 min Scan# 1354

Delta R.T. -0.006 min

Lab File: BG064656.D

Acq: 31 Oct 2025 14:50

Tgt Ion:136 Resp: 126478

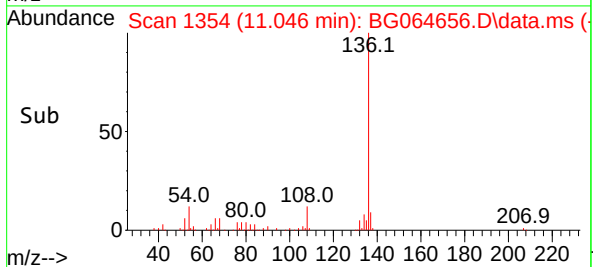
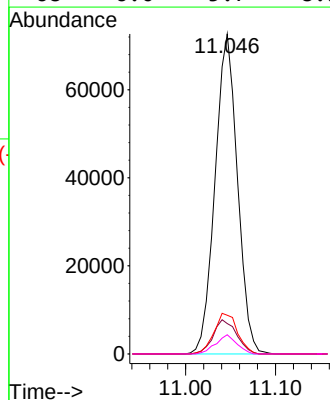
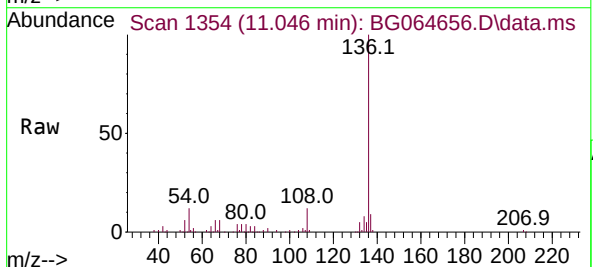
Ion Ratio Lower Upper

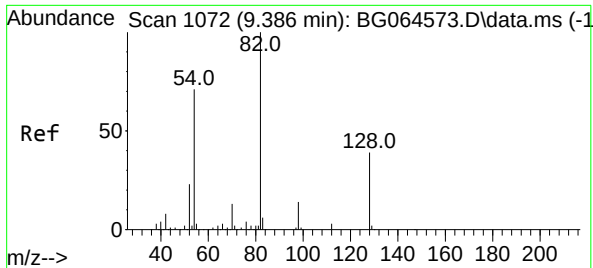
136 100

137 9.5 9.2 13.8

54 12.8 12.6 19.0

68 6.0 5.7 8.5

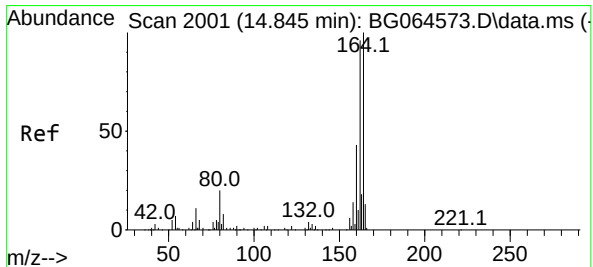
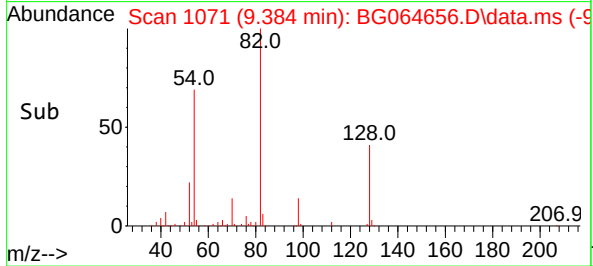
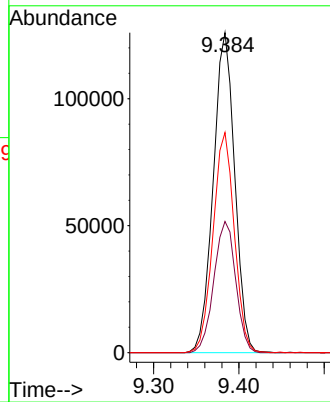
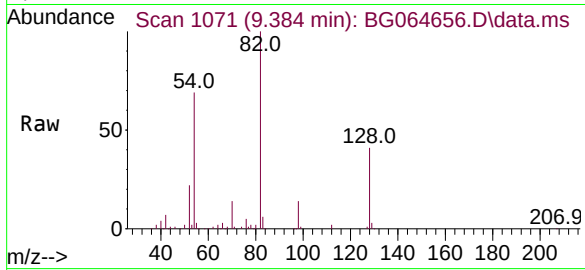




#23
Nitrobenzene-d5
Concen: 104.651 ng
RT: 9.384 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

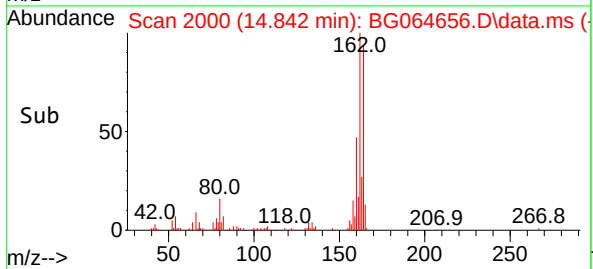
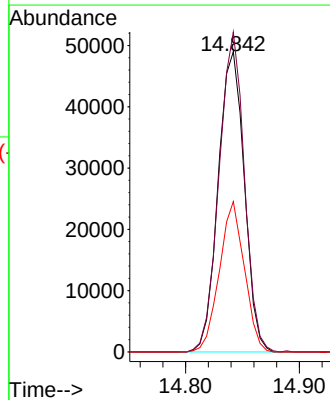
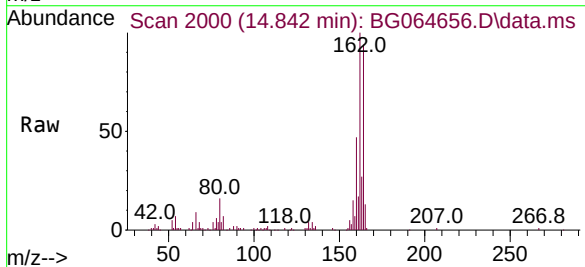
Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

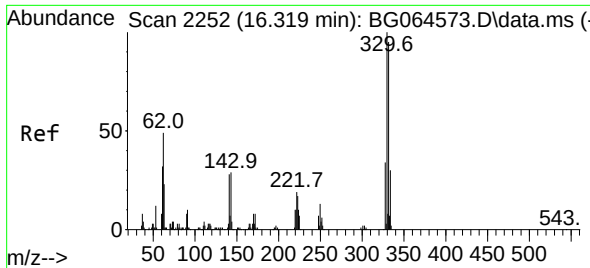
Tgt Ion: 82 Resp: 220371
Ion Ratio Lower Upper
82 100
128 41.0 31.3 46.9
54 68.8 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion: 164 Resp: 78090
Ion Ratio Lower Upper
164 100
162 106.6 77.0 115.6
160 50.1 34.4 51.6

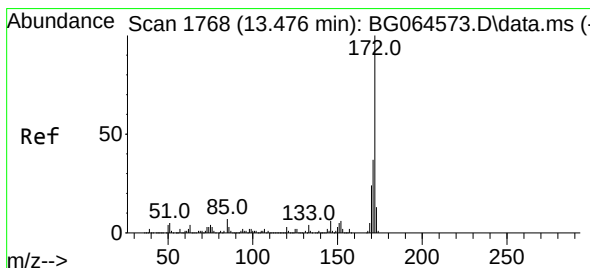
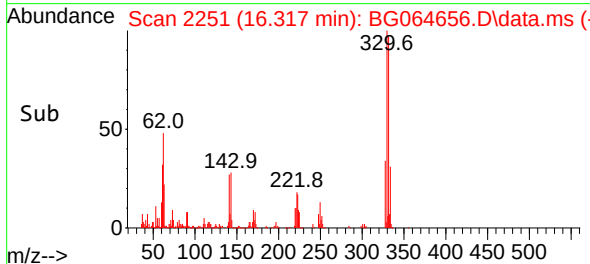
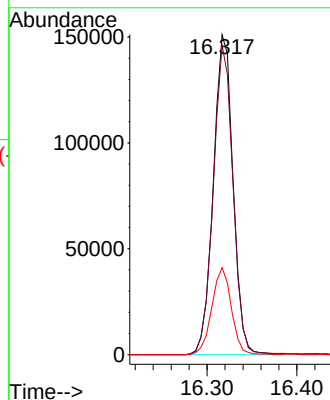
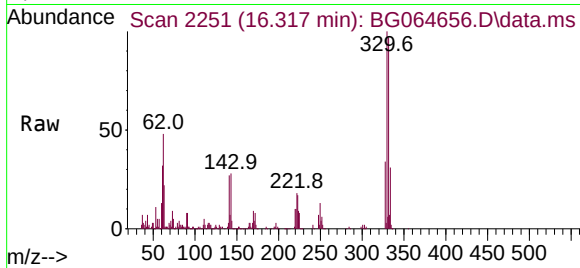




#42
2,4,6-Tribromophenol
Concen: 205.192 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

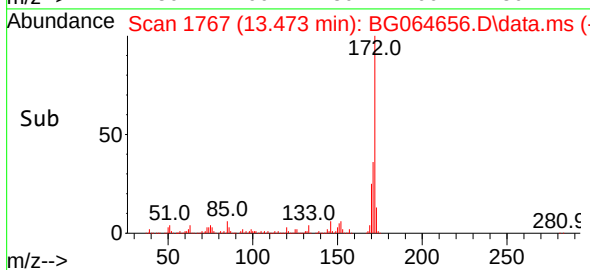
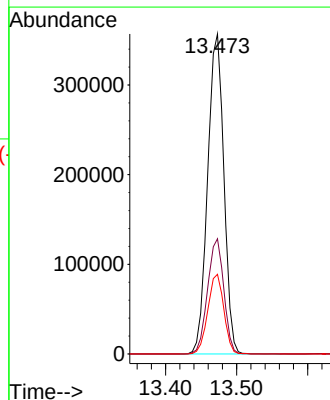
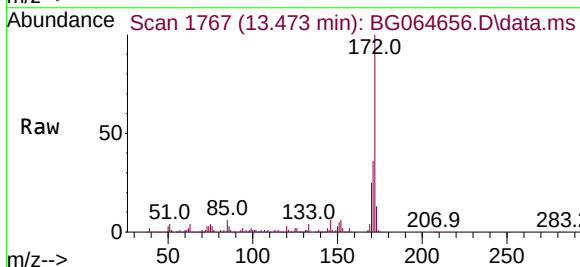
Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

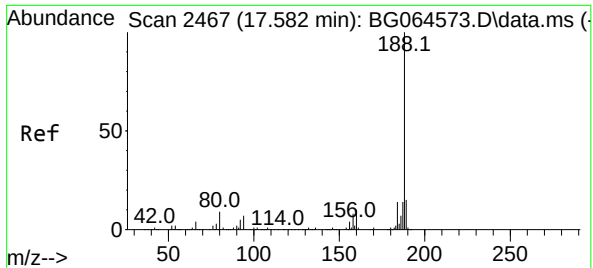
Tgt Ion:	330	Resp:	231266
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.0	117.0
141	26.8	21.8	32.6



#45
2-Fluorobiphenyl
Concen: 109.249 ng
RT: 13.473 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:	172	Resp:	562842
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.0
170	24.9	19.1	28.7

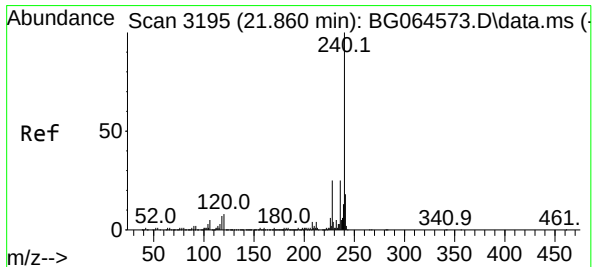
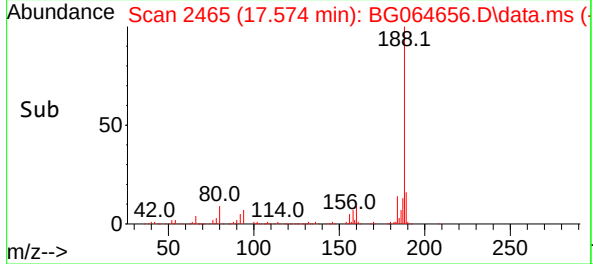
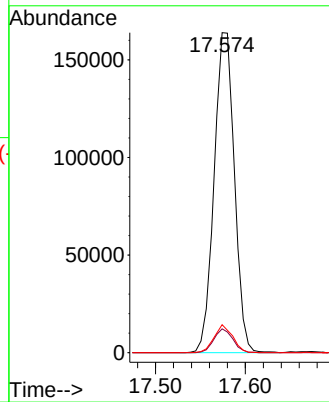
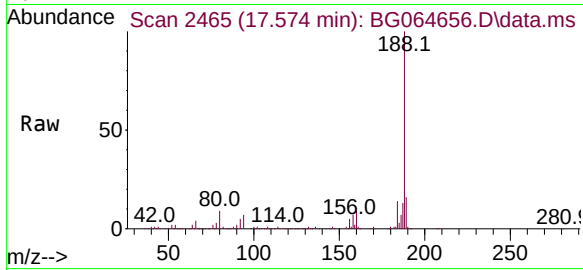




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

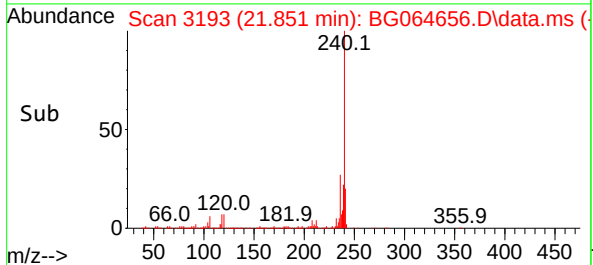
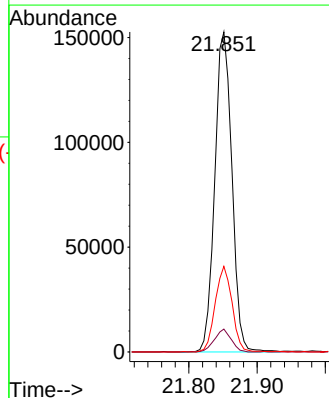
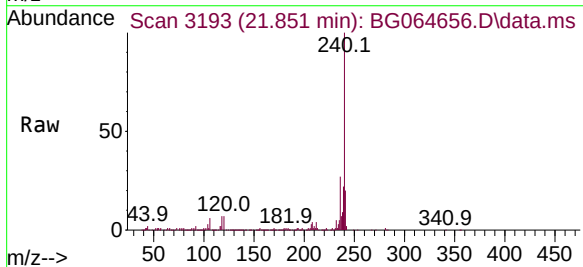
Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

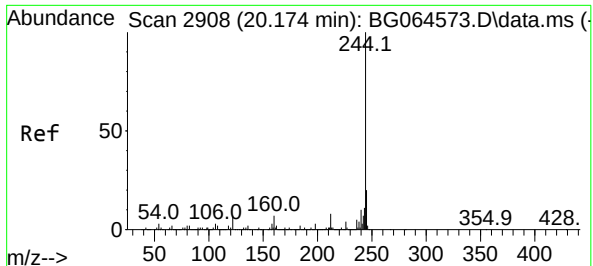
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.7	6.8	10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	26.7	20.2	30.2

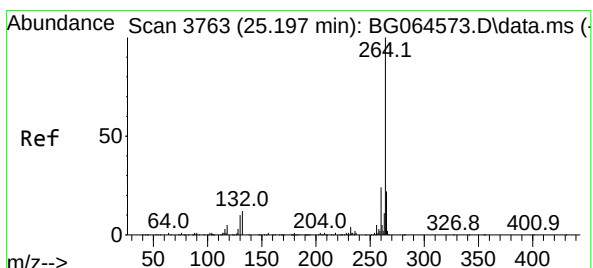
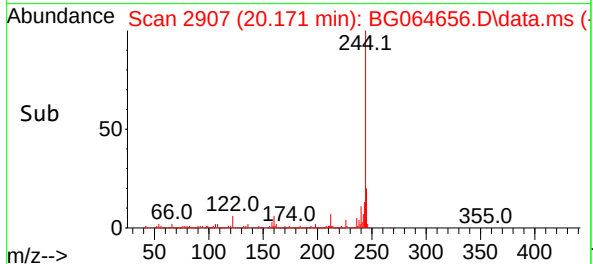
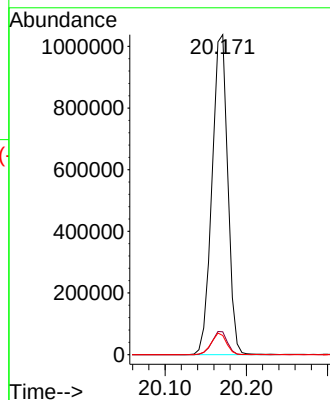
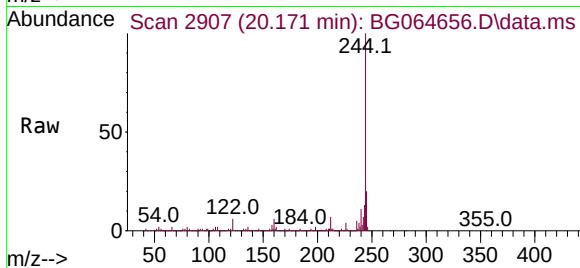




#79
 Terphenyl-d14
 Concen: 99.733 ng
 RT: 20.171 min Scan# 2908
 Delta R.T. -0.006 min
 Lab File: BG064656.D
 Acq: 31 Oct 2025 14:50

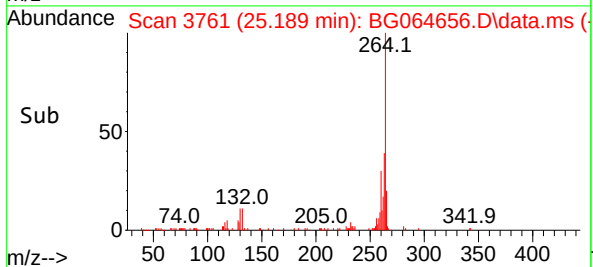
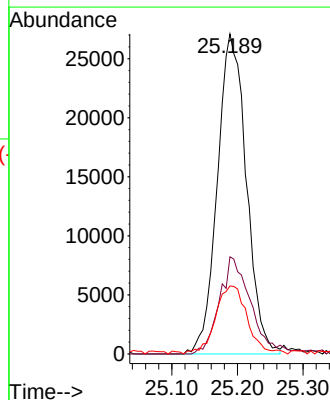
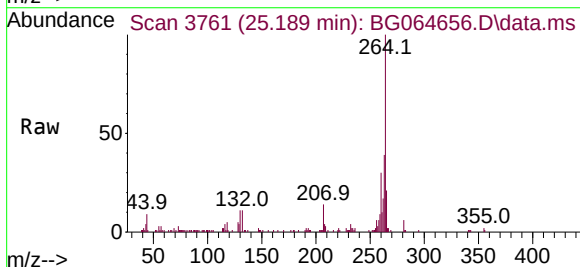
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW4-251023-01

Tgt Ion:244 Resp: 1397484
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.189 min Scan# 3761
 Delta R.T. -0.012 min
 Lab File: BG064656.D
 Acq: 31 Oct 2025 14:50

Tgt Ion:264 Resp: 83058
 Ion Ratio Lower Upper
 264 100
 260 30.3 19.0 28.4#
 265 21.2 17.6 26.4





CALIBRATION SUMMARY

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Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BF144056.D 5 =BF144057.D 10 =BF144058.D 20 =BF144059.D 40 =BF144060.D 50 =BF144061.D 60 =BF144064.D 80 =BF144063.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.723	0.494	0.485	0.550	0.519	0.572	0.481	0.546	15.58
3) Pyridine		1.395	1.384	1.530	1.527	1.427	1.604	1.370	1.462	6.19
4) n-Nitrosodimet...			0.805	0.963	0.912	0.835	1.017	0.860	0.899	8.98
5) S 2-Fluorophenol		1.324	1.322	1.328	1.303	1.163	1.322	1.087	1.264	7.76
6) Aniline		2.173	2.152	2.106	2.016	1.809	2.050	1.675	1.997	9.36
7) S Phenol-d6		1.548	1.443	1.481	1.408	1.289	1.412	1.193	1.396	8.56
8) 2-Chlorophenol		1.398	1.310	1.306	1.251	1.124	1.258	1.067	1.245	9.17
9) Benzaldehyde			1.093	0.965	1.043	0.959	1.406	1.039	1.084	15.28
10) C Phenol		1.896	1.860	1.820	1.736	1.575	1.725	1.445	1.722	9.41
11) bis(2-Chloroet...		1.406	1.278	1.285	1.248	1.128	1.285	1.082	1.245	8.72
12) 1,3-Dichlorobe...		1.681	1.582	1.640	1.565	1.415	1.566	1.300	1.536	8.66
13) C 1,4-Dichlorobe...		1.645	1.567	1.592	1.551	1.371	1.575	1.295	1.513	8.52
14) 1,2-Dichlorobe...		1.588	1.548	1.534	1.480	1.355	1.520	1.225	1.464	8.81
15) Benzyl Alcohol			1.129	1.234	1.145	1.056	1.222	1.025	1.135	7.47
16) 2,2'-oxybis(1-...		2.561	2.432	2.505	2.376	2.149	2.313	2.038	2.339	8.08
17) 2-Methylphenol		1.052	1.010	1.032	0.931	0.874	0.981	0.823	0.957	8.89
18) Hexachloroethane		0.553	0.544	0.569	0.544	0.506	0.595	0.477	0.541	7.21
19) P n-Nitroso-di-n...	0.900	0.971	0.972	0.949	0.876	0.801	0.943	0.809	0.903	7.60
20) 3+4-Methylphenols			1.270	1.190	1.167	1.036	1.159	0.969	1.132	9.69
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.473	0.459	0.433	0.437	0.397	0.456	0.371	0.432	8.41
23) S Nitrobenzene-d5		0.377	0.378	0.374	0.368	0.335	0.393	0.330	0.365	6.48
24) Nitrobenzene		0.395	0.384	0.404	0.392	0.360	0.417	0.351	0.386	6.05
25) Isophorone		0.665	0.662	0.645	0.643	0.584	0.686	0.582	0.638	6.29
26) C 2-Nitrophenol		0.190	0.184	0.196	0.191	0.167	0.194	0.165	0.184	6.96
27) 2,4-Dimethylph...		0.289	0.279	0.262	0.287	0.254	0.293	0.247	0.273	6.73
28) bis(2-Chloroet...		0.430	0.408	0.413	0.404	0.365	0.416	0.351	0.398	7.25
29) C 2,4-Dichloroph...		0.334	0.345	0.325	0.323	0.293	0.328	0.275	0.317	7.75
30) 1,2,4-Trichlor...		0.344	0.339	0.334	0.335	0.301	0.348	0.286	0.327	7.19
31) Naphthalene		1.054	1.002	0.962	0.965	0.852	0.983	0.788	0.944	9.72
32) Benzoic acid			0.217	0.200	0.146	0.147	0.168	0.162	0.173	16.81
33) 4-Chloroaniline		0.332	0.356	0.349	0.336	0.298	0.344	0.286	0.329	8.10
34) C Hexachlorobuta...		0.279	0.276	0.274	0.270	0.241	0.296	0.234	0.267	8.19
35) Caprolactam			0.078	0.082	0.085	0.072	0.086	0.075	0.080	7.03
36) C 4-Chloro-3-met...		0.302	0.289	0.285	0.282	0.257	0.296	0.250	0.280	6.98
37) 2-Methylnaphth...		0.718	0.654	0.631	0.644	0.549	0.637	0.524	0.622	10.55
38) 1-Methylnaphth...		0.685	0.627	0.591	0.591	0.524	0.611	0.499	0.590	10.60

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF102425.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.777	0.707	0.693	0.707	0.629	0.716	0.583	0.687	9.17	
41) P	Hexachlorocycl...	0.148	0.208	0.218	0.205	0.273	0.222	0.212	18.88		
42) S	2,4,6-Tribromo...	0.251	0.249	0.256	0.262	0.241	0.289	0.236	0.255	6.77	
43) C	2,4,6-Trichlor...	0.430	0.447	0.480	0.473	0.427	0.485	0.386	0.447	7.98	
44)	2,4,5-Trichlor...	0.488	0.485	0.484	0.467	0.427	0.511	0.419	0.469	7.19	
45) S	2-Fluorobiphenyl	1.654	1.503	1.411	1.451	1.291	1.473	1.164	1.421	11.04	
46)	1,1'-Biphenyl	1.613	1.532	1.441	1.472	1.317	1.470	1.176	1.432	10.09	
47)	2-Chloronaphth...	1.336	1.264	1.233	1.222	1.101	1.250	0.989	1.199	9.68	
48)	2-Nitroaniline	0.325	0.359	0.368	0.380	0.333	0.399	0.328	0.356	8.00	
49)	Acenaphthylene	1.780	1.693	1.664	1.703	1.476	1.668	1.337	1.617	9.54	
50)	Dimethylphthalate	1.398	1.328	1.332	1.366	1.219	1.387	1.146	1.311	7.15	
51)	2,6-Dinitrotol...	0.228	0.257	0.275	0.276	0.252	0.288	0.240	0.259	8.31	
52) C	Acenaphthene	1.125	1.153	1.134	1.114	0.999	1.122	0.914	1.080	8.21	
53)	3-Nitroaniline	0.276	0.294	0.293	0.322	0.281	0.301	0.250	0.288	7.79	
54) P	2,4-Dinitrophenol	0.161	0.162	0.124	0.116	0.139	0.140	0.140	13.44		
55)	Dibenzofuran	1.685	1.572	1.512	1.559	1.391	1.535	1.242	1.499	9.55	
56) P	4-Nitrophenol	0.224	0.199	0.187	0.175	0.202	0.184	0.195	8.90		
57)	2,4-Dinitrotol...	0.302	0.343	0.370	0.385	0.336	0.390	0.323	0.350	9.44	
58)	Fluorene	1.359	1.169	1.133	1.188	1.041	1.162	0.945	1.143	11.27	
59)	2,3,4,6-Tetrac...	0.317	0.318	0.333	0.360	0.322	0.366	0.297	0.330	7.53	
60)	Diethylphthalate	1.286	1.264	1.244	1.290	1.145	1.318	1.083	1.233	6.98	
61)	4-Chlorophenyl...	0.706	0.667	0.656	0.675	0.591	0.674	0.529	0.643	9.49	
62)	4-Nitroaniline	0.262	0.266	0.275	0.296	0.260	0.299	0.253	0.273	6.70	
63)	Azobenzene	1.192	1.178	1.187	1.236	1.103	1.253	1.020	1.167	6.91	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.133	0.151	0.123	0.115	0.132	0.116	0.128	10.63		
66) c	n-Nitrosodiphe...	0.716	0.666	0.657	0.643	0.590	0.659	0.542	0.639	8.82	
67)	4-Bromophenyl-...	0.274	0.256	0.247	0.260	0.230	0.270	0.215	0.250	8.52	
68)	Hexachlorobenzene	0.311	0.338	0.309	0.321	0.275	0.328	0.268	0.307	8.59	
69)	Atrazine	0.229	0.223	0.218	0.208	0.185	0.235	0.169	0.210	11.52	
70) C	Pentachlorophenol	0.123	0.149	0.150	0.143	0.168	0.144	0.146	9.94		
71)	Phenanthrene	1.073	1.040	1.009	1.017	0.918	1.043	0.854	0.994	7.89	
72)	Anthracene	1.171	1.077	1.029	1.053	0.932	1.065	0.857	1.026	10.01	
73)	Carbazole	0.943	0.920	0.883	0.905	0.818	0.907	0.737	0.874	8.20	
74)	Di-n-butylphth...	1.090	1.091	1.116	1.118	1.002	1.135	0.945	1.071	6.58	
75) C	Fluoranthene	1.171	1.151	1.121	1.123	0.997	1.167	0.954	1.098	7.88	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.689	0.614	0.665	0.513	0.787	0.466	0.622	18.99		
78)	Pyrene	1.603	1.466	1.426	1.521	1.295	1.519	1.236	1.438	9.08	
79) S	Terphenyl-d14	1.280	1.134	1.121	1.212	1.002	1.241	1.018	1.144	9.39	
80)	Butylbenzylpht...	0.508	0.542	0.566	0.601	0.494	0.595	0.501	0.544	8.25	
81)	Benzo(a)anthra...	1.341	1.322	1.359	1.516	1.206	1.492	1.226	1.352	8.79	
82)	3,3'-Dichlorob...	0.469	0.485	0.510	0.404	0.529	0.427	0.470	10.21		
83)	Chrysene	1.330	1.263	1.253	1.319	1.179	1.366	1.170	1.268	5.93	
84)	Bis(2-ethylhex...	0.745	0.725	0.761	0.795	0.690	0.813	0.670	0.743	7.01	
85) c	Di-n-octyl pht...	1.228	1.295	1.399	1.179	1.382	1.180	1.277	7.65		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF102425.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.351	1.331	1.394	1.477	1.295	1.501	1.263	1.373	6.53	
88)	Benzo(b)fluora...	1.134	1.108	1.153	1.264	1.055	1.151	1.050	1.131	6.39	
89)	Benzo(k)fluora...	1.206	1.077	1.010	1.059	0.906	1.157	0.886	1.043	11.44	
90) C	Benzo(a)pyrene	1.049	0.990	1.036	1.089	0.942	1.086	0.909	1.014	6.88	
91)	Dibenzo(a,h)an...	1.058	1.061	1.107	1.166	1.024	1.195	0.997	1.087	6.72	
92)	Benzo(g,h,i)pe...	1.051	1.051	1.124	1.195	1.023	1.192	1.015	1.093	7.08	

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144056.D
Acq On : 24 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 24 17:00:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

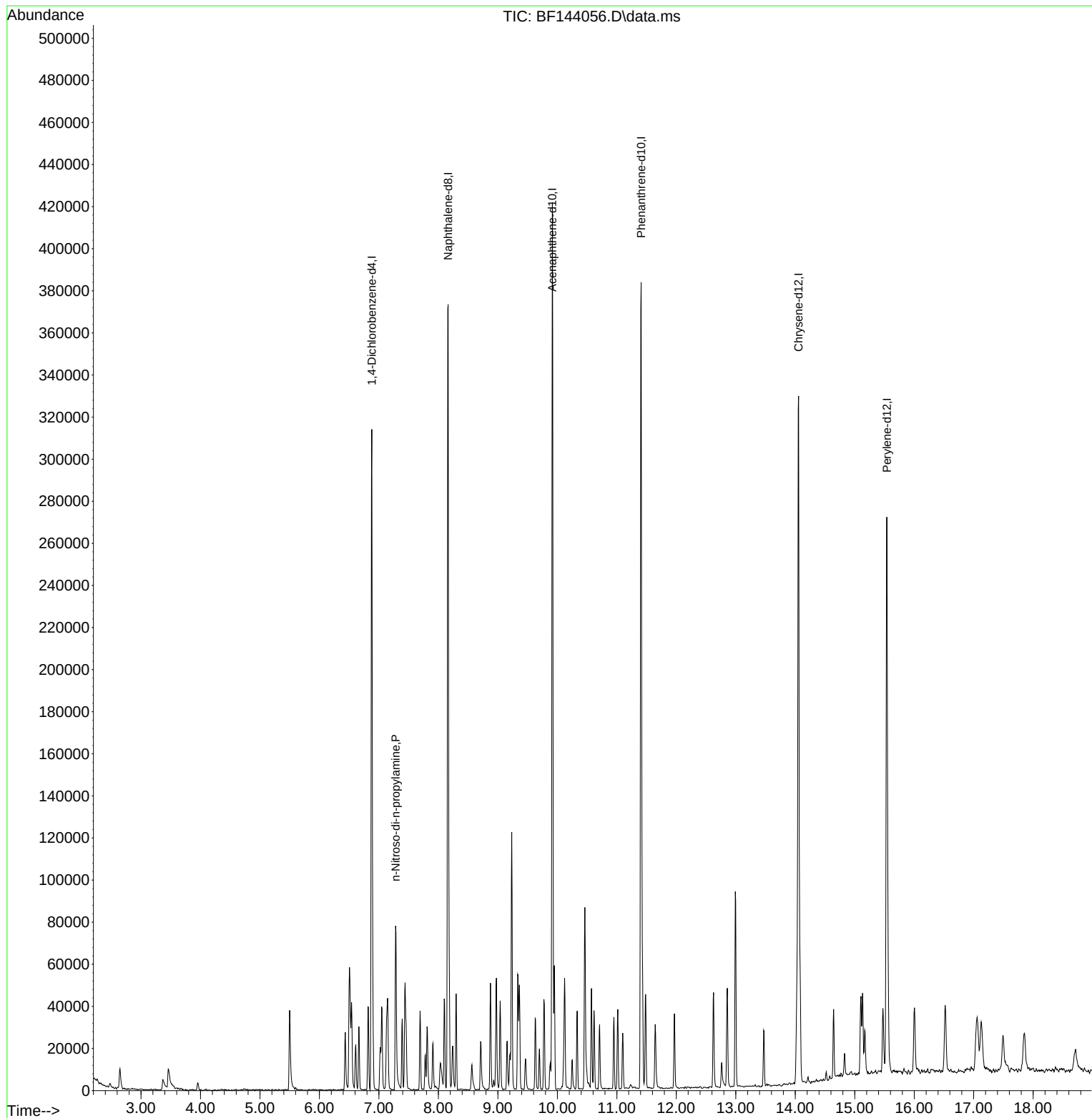
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63395	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	236986	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	128411	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	216866	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165196	20.000	ng	0.00
86) Perylene-d12	15.539	264	182261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.281	70	7133	2.493	ng	97

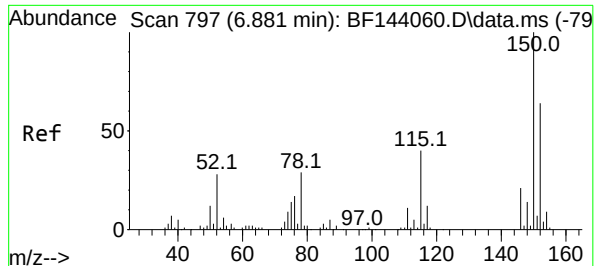
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144056.D
Acq On : 24 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

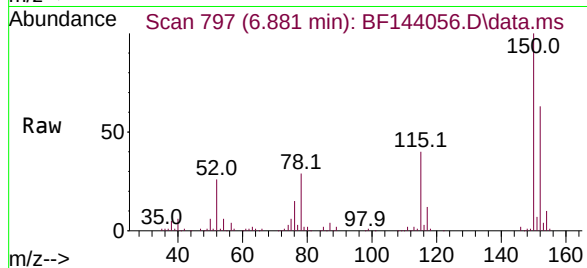
Quant Time: Oct 24 17:00:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



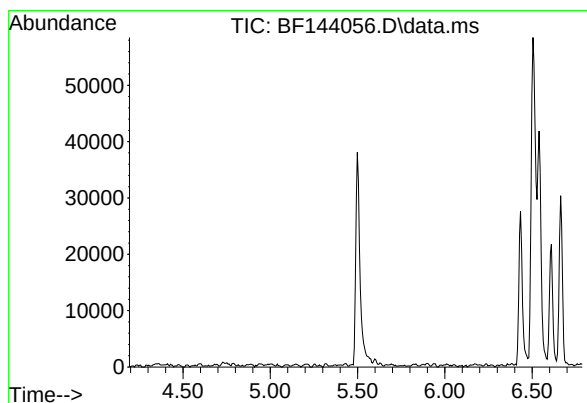
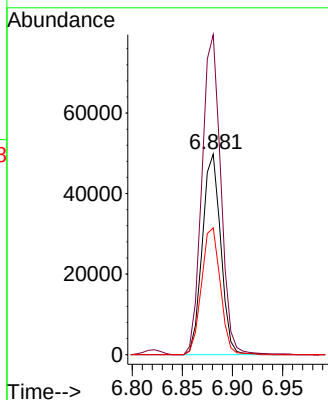
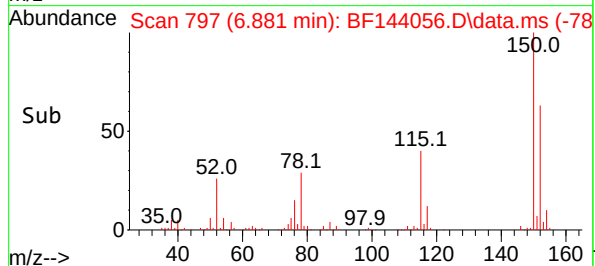


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



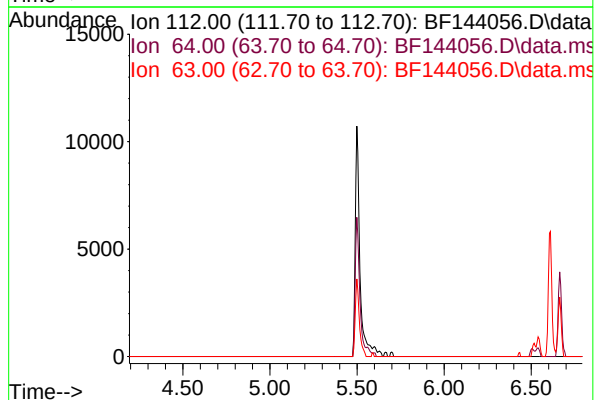
Tgt Ion:152 Resp: 63395
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 63.2 49.4 74.0



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

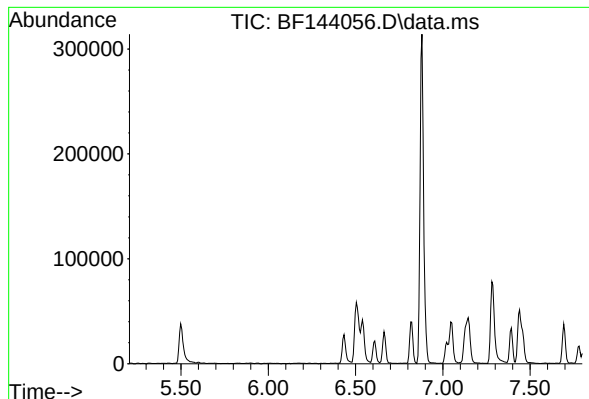
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Tgt Ion: 112
Sig Exp Ratio
112 100
64 62.3
63 34.3



Ion 64.00 (63.70 to 64.70): BF144056.D\data.ms

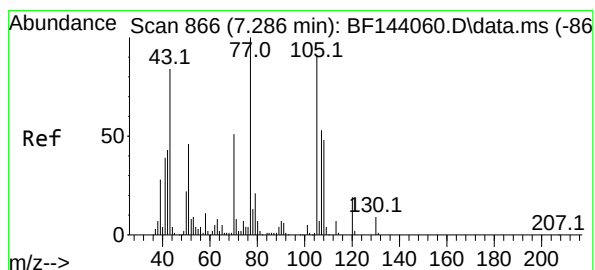
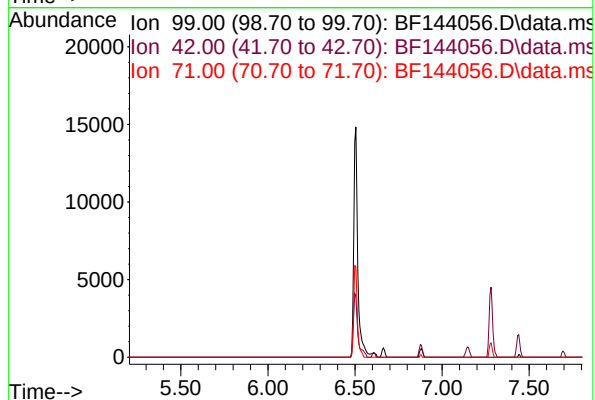
Ion 63.00 (62.70 to 63.70): BF144056.D\data.ms



#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.50 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

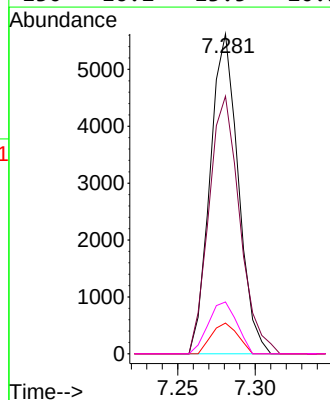
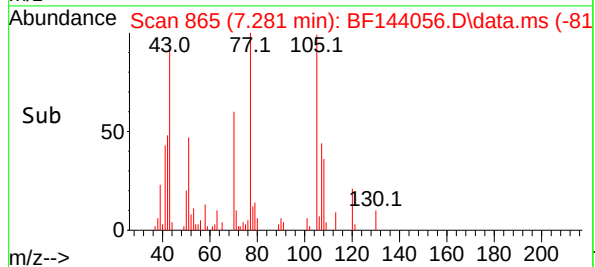
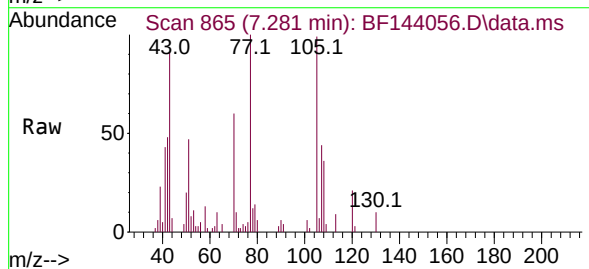
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

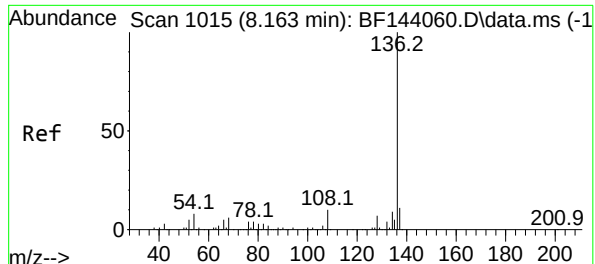
Tgt Ion: 99
Sig Exp Ratio
99 100
42 29.9
71 43.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.493 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Tgt Ion: 70 Resp: 7133
Ion Ratio Lower Upper
70 100
42 80.5 67.4 101.0
101 9.6 7.1 10.7
130 16.2 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 236986

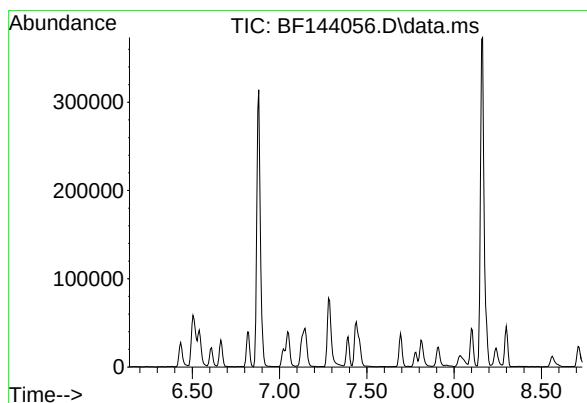
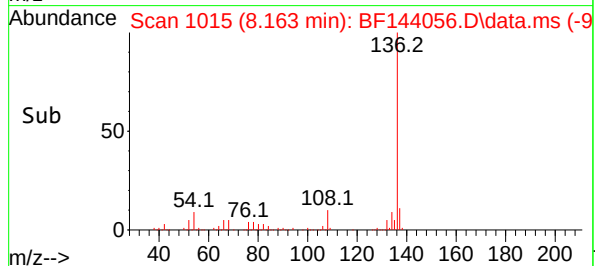
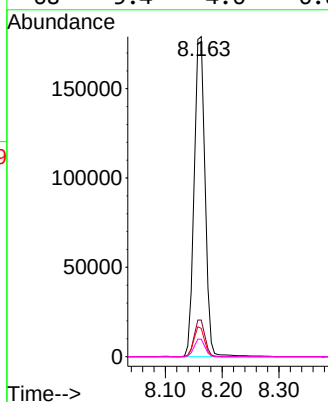
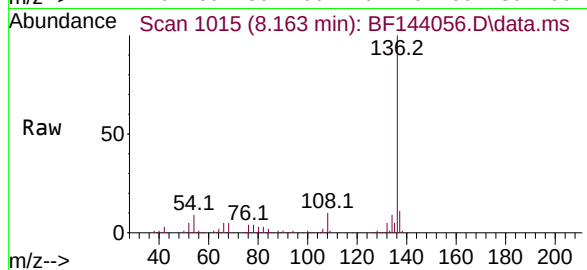
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 8.8 6.6 9.8

68 5.4 4.6 6.8



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

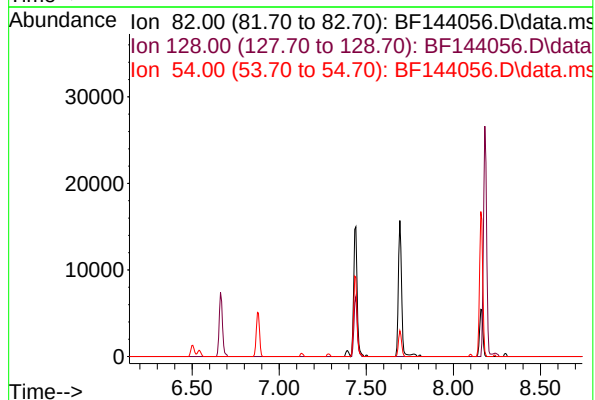
Tgt Ion: 82

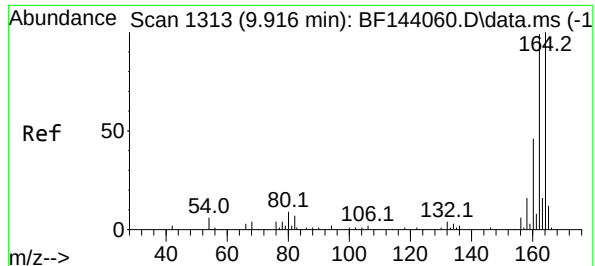
Sig Exp Ratio

82 100

128 40.5

54 67.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144056.D

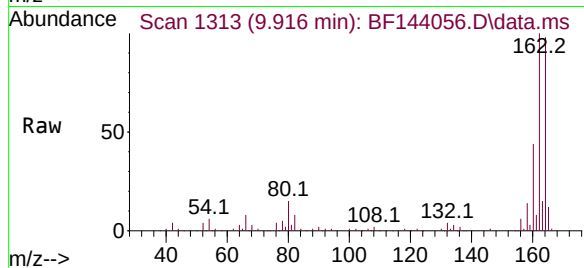
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



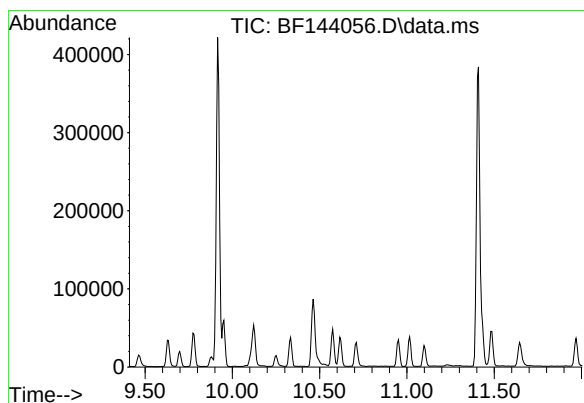
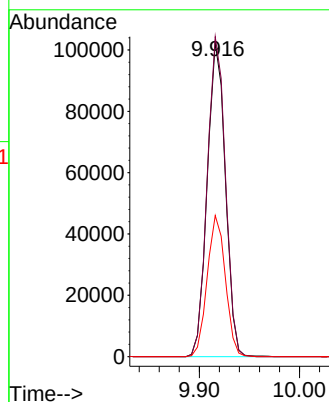
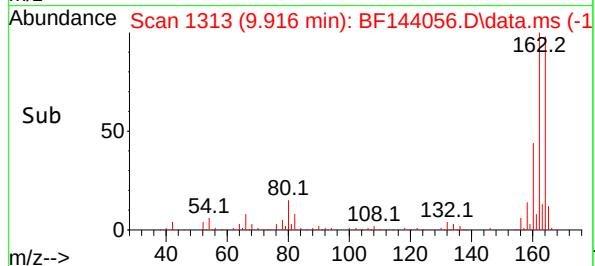
Tgt Ion:164 Resp: 128411

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.9 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.71 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

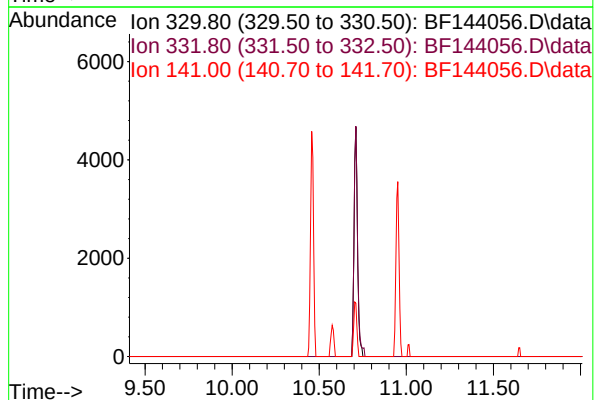
Tgt Ion: 330

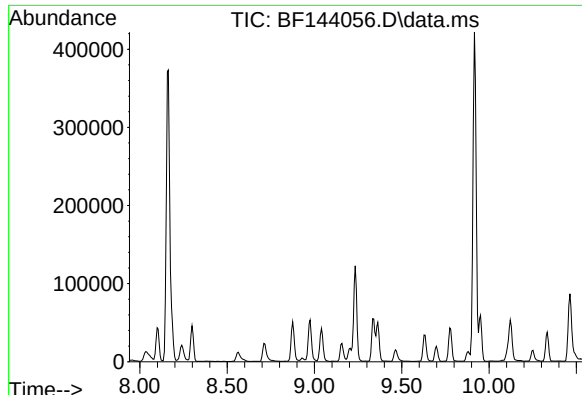
Sig Exp Ratio

330 100

332 96.3

141 24.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

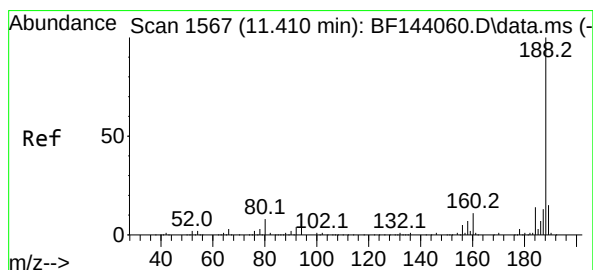
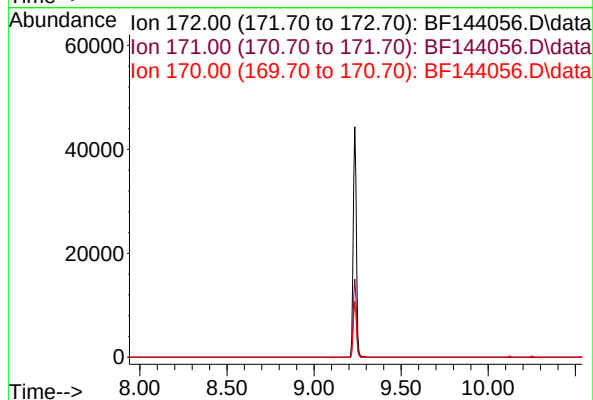
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.4

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

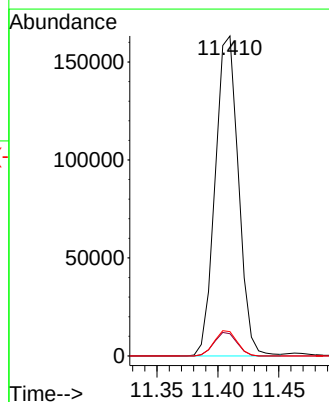
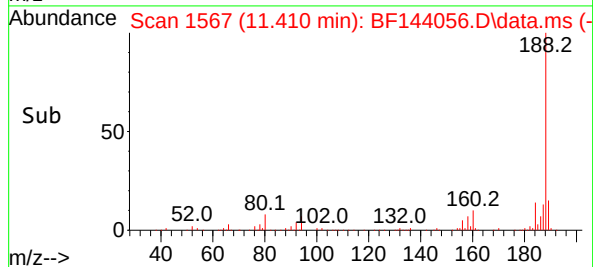
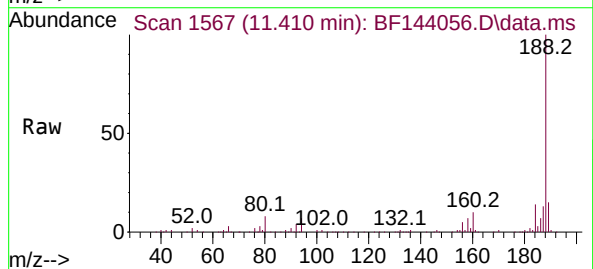
Tgt Ion: 188 Resp: 216866

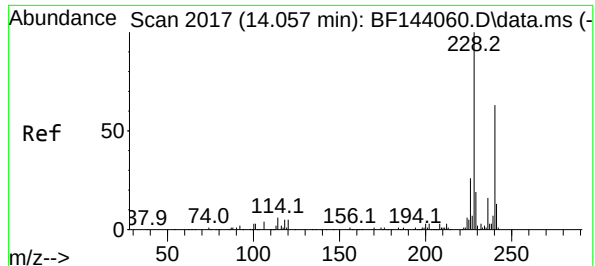
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

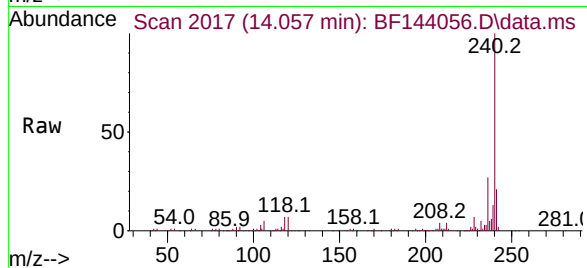
80 7.6 6.0 9.0



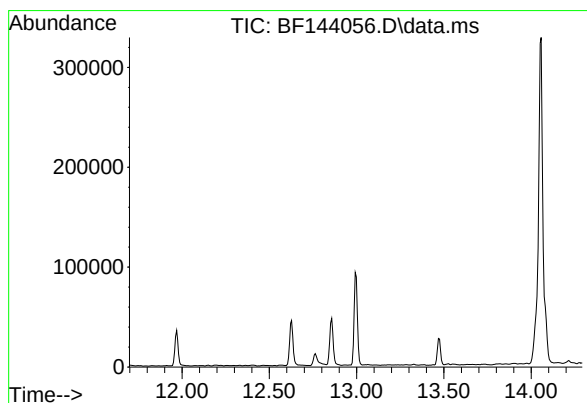
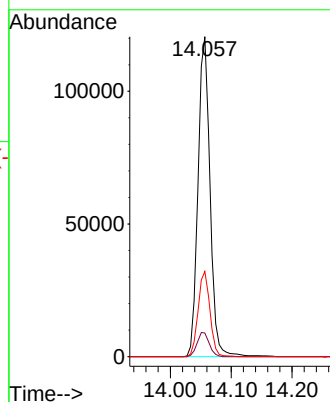
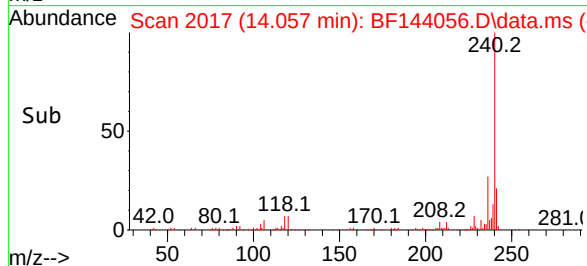


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



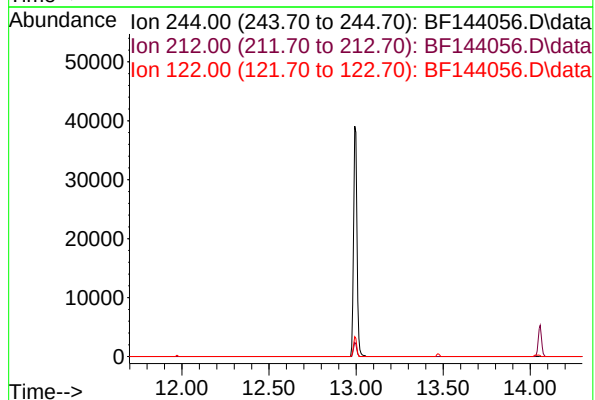
Tgt Ion:240 Resp: 165196
Ion Ratio Lower Upper
240 100
120 7.4 6.5 9.7
236 26.6 20.1 30.1



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

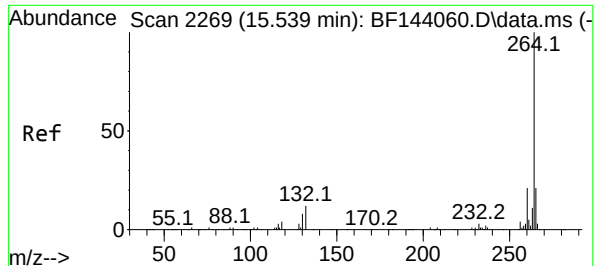
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 6.1



Ion 212.00 (211.70 to 212.70): BF144056.D\data

Ion 122.00 (121.70 to 122.70): BF144056.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144056.D

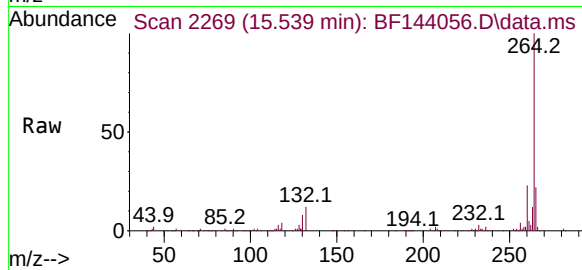
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



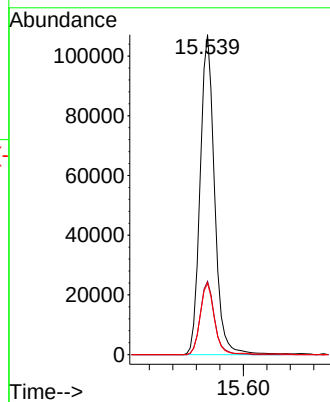
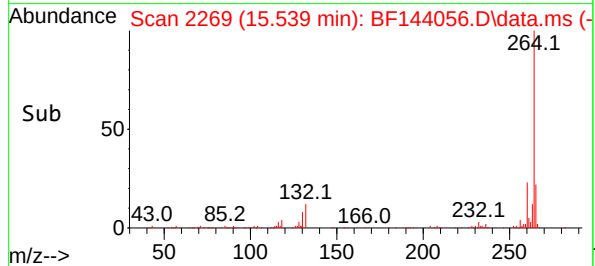
Tgt Ion:264 Resp: 182261

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.4

265 22.3 16.6 24.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144057.D
Acq On : 24 Oct 2025 10:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 24 17:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	64729	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	239688	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	127182	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	215493	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170453	20.000	ng	0.00
86) Perylene-d12	15.539	264	190551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	42841	10.471	ng	0.00
7) Phenol-d6	6.498	99	50099	11.088	ng	0.00
23) Nitrobenzene-d5	7.434	82	45136	10.317	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	15954	9.848	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	105210	11.641	ng	0.00
79) Terphenyl-d14	12.992	244	109089	11.189	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.640	88	11703	6.619	ng	Qvalue 95
3) Pyridine	3.428	79	22571	4.769	ng	# 95
6) Aniline	6.539	93	35169	5.441	ng	99
8) 2-Chlorophenol	6.663	128	22623	5.615	ng	93
10) Phenol	6.516	94	30686	5.505	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	22757	5.650	ng	99
12) 1,3-Dichlorobenzene	6.822	146	27208	5.474	ng	98
13) 1,4-Dichlorobenzene	6.898	146	26614	5.433	ng	98
14) 1,2-Dichlorobenzene	7.045	146	25700	5.423	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	41443	5.474	ng	94
17) 2-Methylphenol	7.128	107	17019	5.492	ng	91
18) Hexachloroethane	7.392	117	8945	5.108	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	15719	5.380	ng	92
22) Acetophenone	7.281	105	28341	5.471	ng	94
24) Nitrobenzene	7.457	77	23655	5.111	ng	97
25) Isophorone	7.692	82	39860	5.211	ng	98
26) 2-Nitrophenol	7.775	139	11373	5.166	ng	# 89
27) 2,4-Dimethylphenol	7.810	122	17297	5.287	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	25751	5.399	ng	99
29) 2,4-Dichlorophenol	8.022	162	20009	5.259	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	20600	5.263	ng	99
31) Naphthalene	8.181	128	63185	5.585	ng	99
33) 4-Chloroaniline	8.233	127	19875	5.047	ng	94
34) Hexachlorobutadiene	8.298	225	16702	5.218	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	18077	5.384	ng	95
37) 2-Methylnaphthalene	8.875	142	43006	5.766	ng	98
38) 1-Methylnaphthalene	8.975	142	41029	5.806	ng	95
40) 1,2,4,5-Tetrachloroben...	9.039	216	24701	5.651	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	13673	4.813	ng	93
44) 2,4,5-Trichlorophenol	9.198	196	15530	5.208	ng	94
46) 1,1'-Biphenyl	9.333	154	51299	5.635	ng	98
47) 2-Chloronaphthalene	9.363	162	42492	5.571	ng	97
48) 2-Nitroaniline	9.463	65	10347	4.568	ng	94
49) Acenaphthylene	9.775	152	56586	5.502	ng	99
50) Dimethylphthalate	9.627	163	44452	5.332	ng	99
51) 2,6-Dinitrotoluene	9.698	165	7239	4.392	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144057.D
Acq On : 24 Oct 2025 10:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 24 17:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

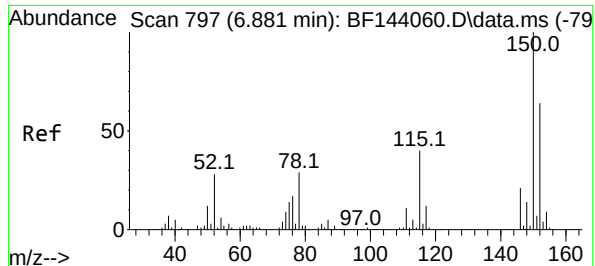
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.951	154	35769	5.208	ng	98
53) 3-Nitroaniline	9.875	138	8780	4.792	ng	97
55) Dibenzofuran	10.122	168	53591	5.620	ng	95
57) 2,4-Dinitrotoluene	10.104	165	9591	4.312	ng #	94
58) Fluorene	10.469	166	43217	5.948	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	10071	4.793	ng #	97
60) Diethylphthalate	10.333	149	40882	5.215	ng	97
61) 4-Chlorophenyl-phenyle...	10.457	204	22434	5.491	ng	97
62) 4-Nitroaniline	10.480	138	8315	4.789	ng	87
63) Azobenzene	10.616	77	37885	5.106	ng	96
66) n-Nitrosodiphenylamine	10.574	169	38552	5.599	ng	95
67) 4-Bromophenyl-phenylether	10.951	248	14748	5.466	ng	94
68) Hexachlorobenzene	11.016	284	16776	5.070	ng	96
69) Atrazine	11.098	200	12331	5.458	ng	95
71) Phenanthrene	11.433	178	57785	5.398	ng	99
72) Anthracene	11.486	178	63077	5.704	ng	97
73) Carbazole	11.645	167	50818	5.399	ng	98
74) Di-n-butylphthalate	11.969	149	58713	5.088	ng	99
75) Fluoranthene	12.627	202	63073	5.333	ng	97
78) Pyrene	12.857	202	68289	5.573	ng	98
80) Butylbenzylphthalate	13.474	149	21644	4.669	ng	94
81) Benzo(a)anthracene	14.045	228	57138	4.960	ng	99
83) Chrysene	14.080	228	56694	5.245	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	31727	5.013	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	64345	4.918	ng	98
88) Benzo(b)fluoranthene	15.104	252	54015	5.014	ng	97
89) Benzo(k)fluoranthene	15.133	252	57466	5.782	ng	99
90) Benzo(a)pyrene	15.474	252	49993	5.173	ng #	99
91) Dibenzo(a,h)anthracene	17.056	278	50377	4.865	ng	98
92) Benzo(g,h,i)perylene	17.486	276	50046	4.807	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

- 1
- 2
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- 15
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- 17

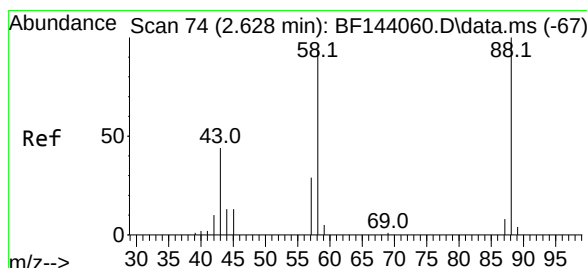
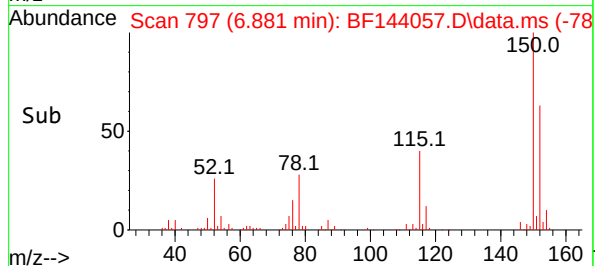
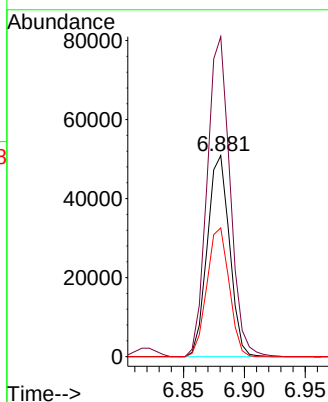
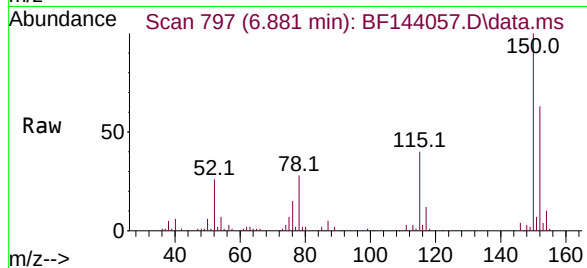




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

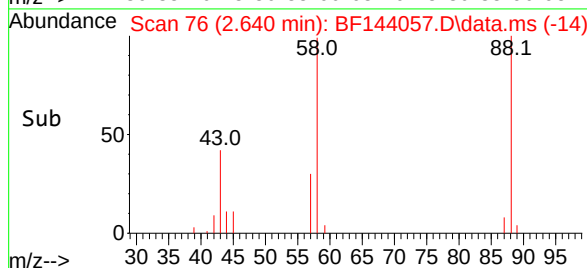
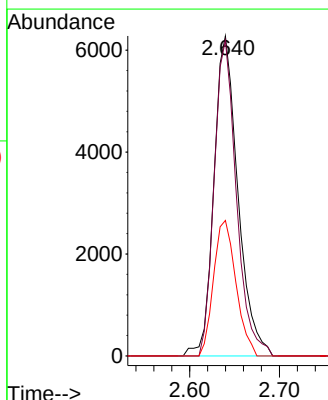
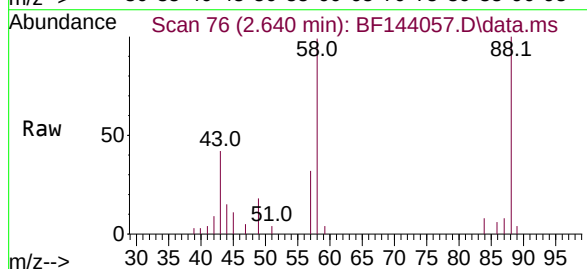
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

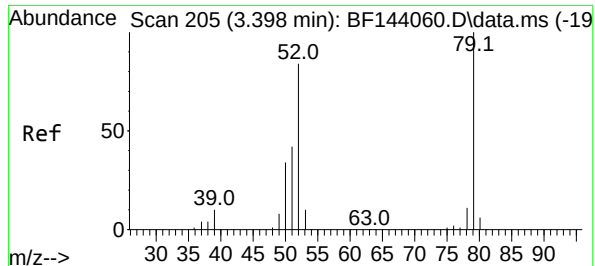
Tgt Ion:152 Resp: 64729
Ion Ratio Lower Upper
152 100
150 159.2 124.4 186.6
115 64.1 49.4 74.0



#2
1,4-Dioxane
Concen: 6.619 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.012 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 88 Resp: 11703
Ion Ratio Lower Upper
88 100
58 91.4 76.5 114.7
43 39.6 35.3 52.9





#3

Pyridine

Concen: 4.769 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

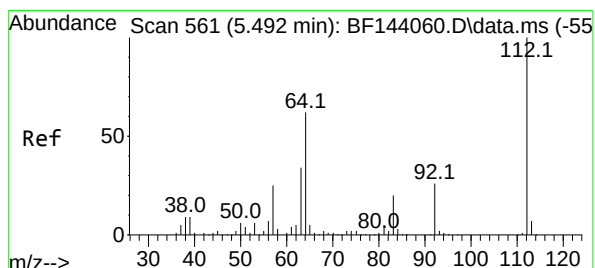
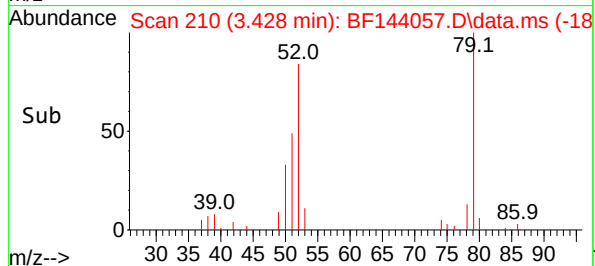
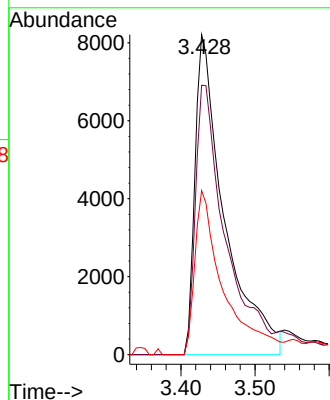
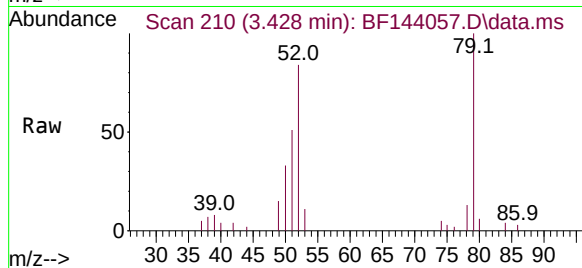
Tgt Ion: 79 Resp: 22571

Ion Ratio Lower Upper

79 100

52 84.2 67.5 101.3

51 51.2 33.6 50.4#



#5

2-Fluorophenol

Concen: 10.471 ng

RT: 5.492 min Scan# 561

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

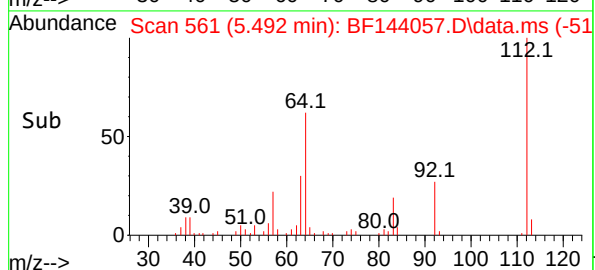
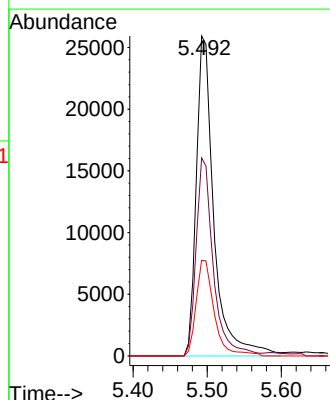
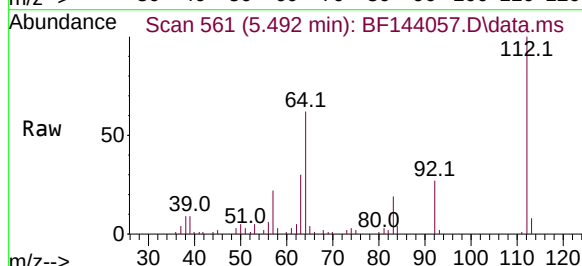
Tgt Ion: 112 Resp: 42841

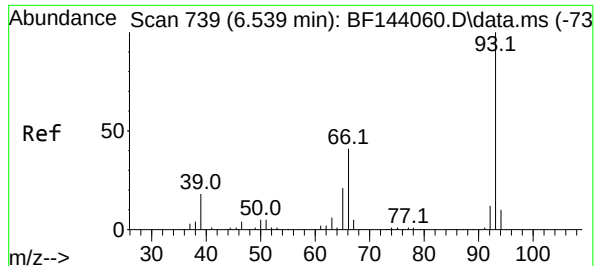
Ion Ratio Lower Upper

112 100

64 61.9 49.8 74.8

63 29.9 27.4 41.2

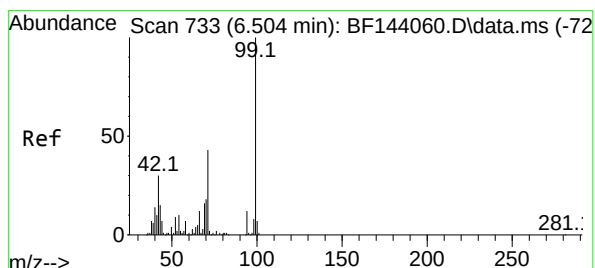
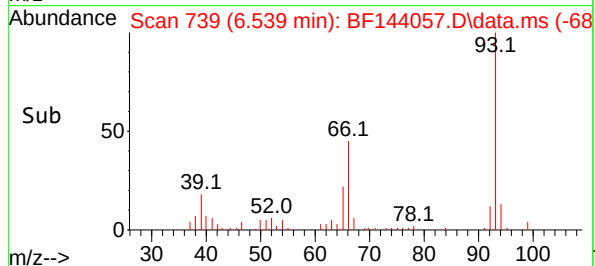
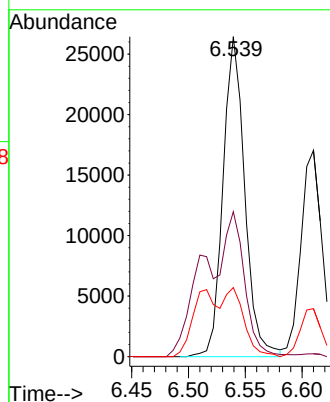
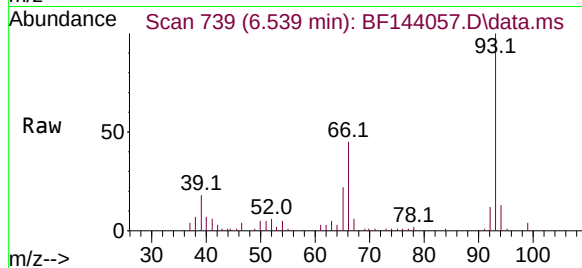




#6
Aniline
Concen: 5.441 ng
RT: 6.539 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

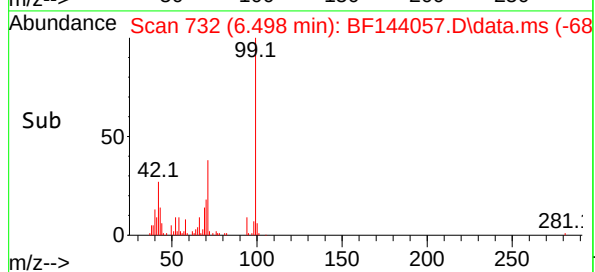
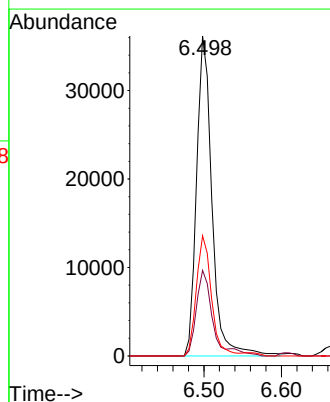
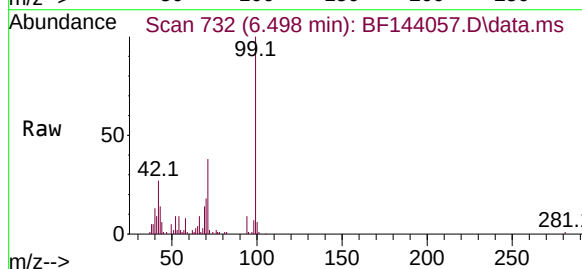
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

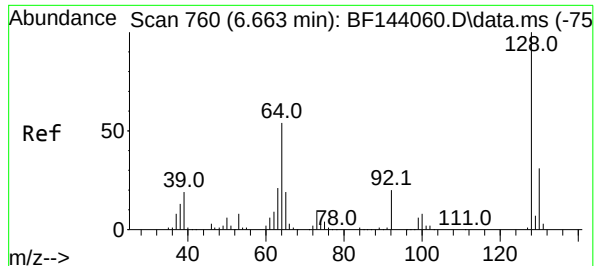
Tgt Ion:	93	Resp:	35169
Ion	Ratio	Lower	Upper
93	100		
66	45.3	35.7	53.5
65	21.6	17.0	25.6



#7
Phenol-d6
Concen: 11.088 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:	99	Resp:	50099
Ion	Ratio	Lower	Upper
99	100		
42	26.7	23.9	35.9
71	37.5	34.4	51.6

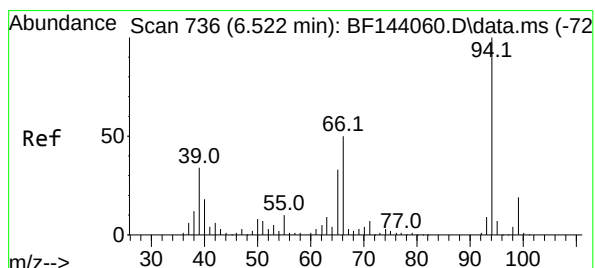
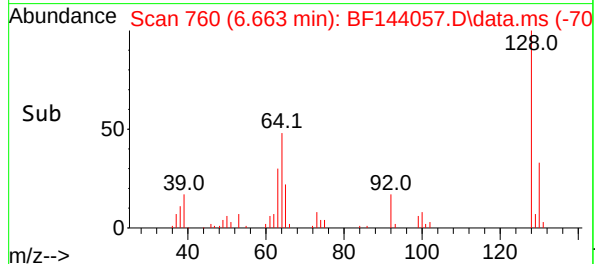
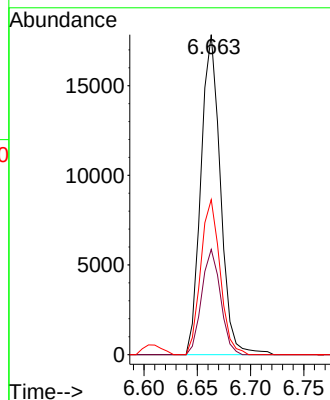
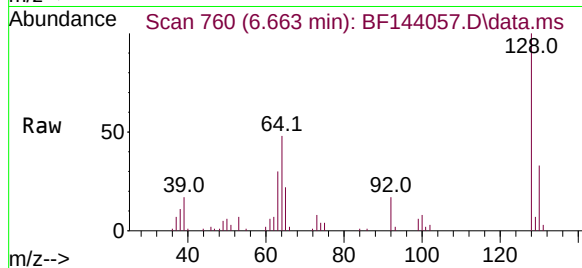




#8
2-Chlorophenol
Concen: 5.615 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

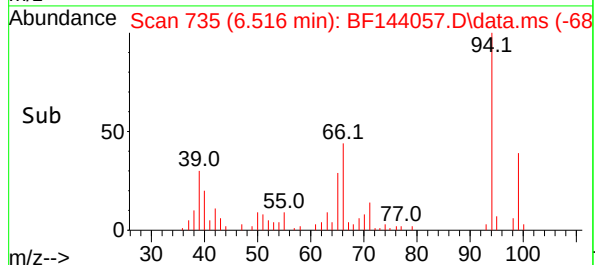
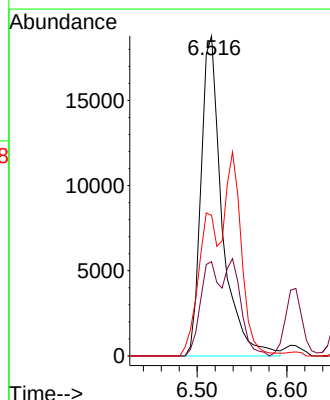
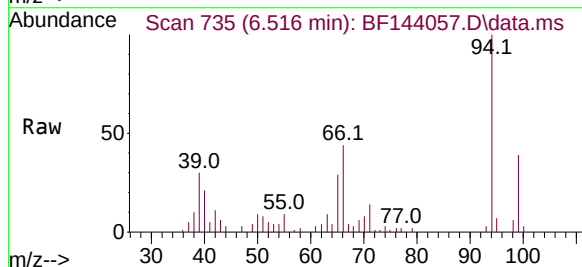
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

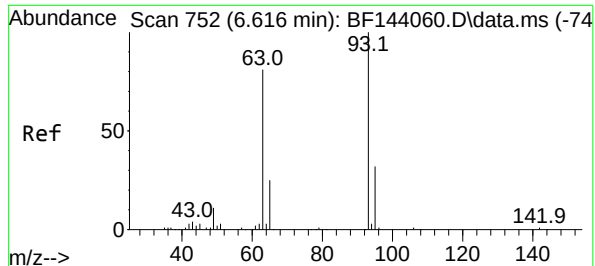
Tgt Ion:128 Resp: 22623
Ion Ratio Lower Upper
128 100
130 32.9 10.7 50.7
64 48.4 34.7 74.7



#10
Phenol
Concen: 5.505 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 94 Resp: 30686
Ion Ratio Lower Upper
94 100
65 29.4 13.1 53.1
66 43.9 30.6 70.6

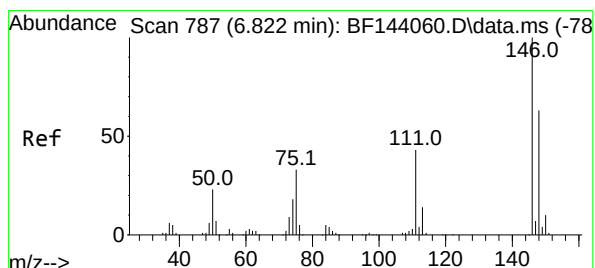
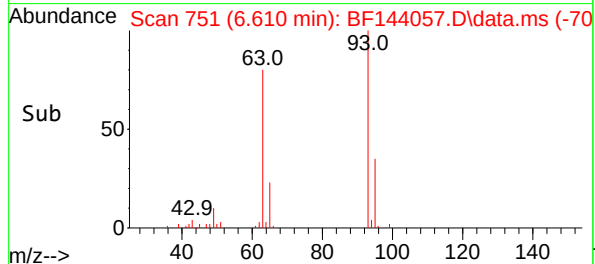
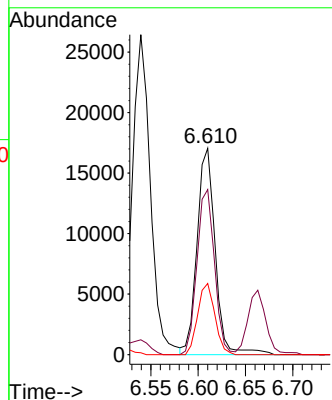
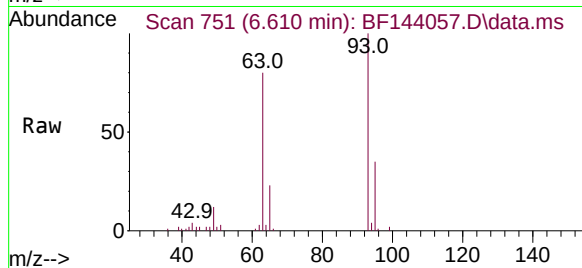




#11
bis(2-Chloroethyl)ether
Concen: 5.650 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

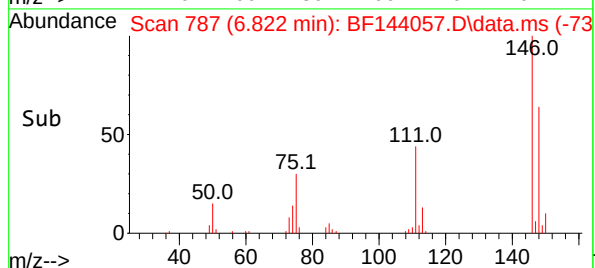
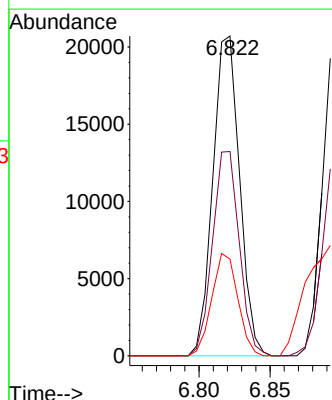
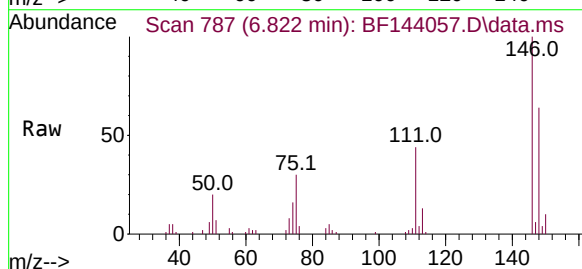
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

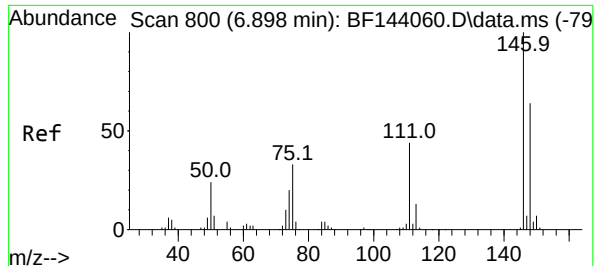
Tgt Ion: 93 Resp: 22757
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 34.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 5.474 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 146 Resp: 27208
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 30.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 5.433 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

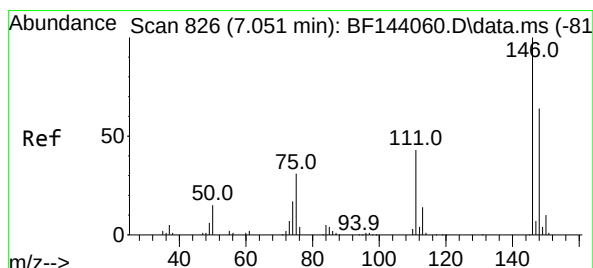
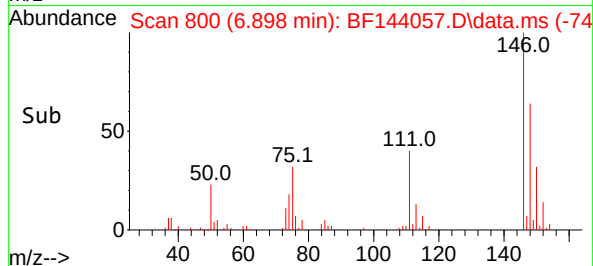
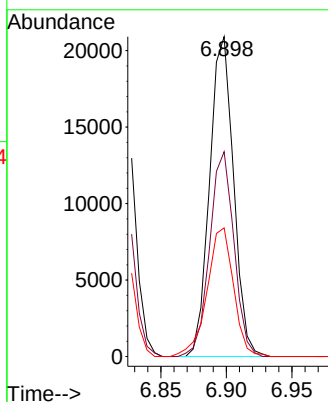
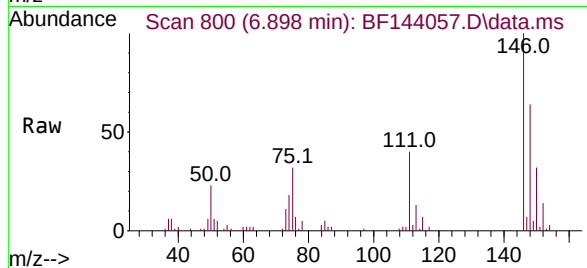
Tgt Ion:146 Resp: 26614

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 40.2 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 5.423 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

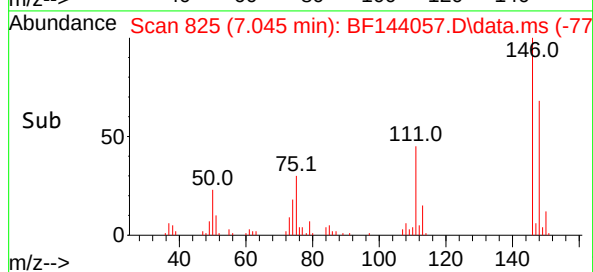
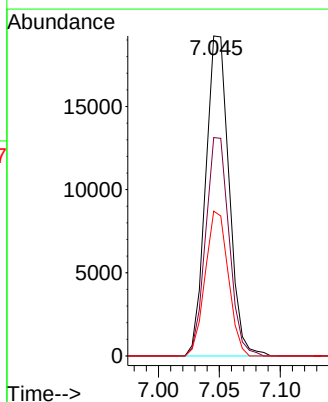
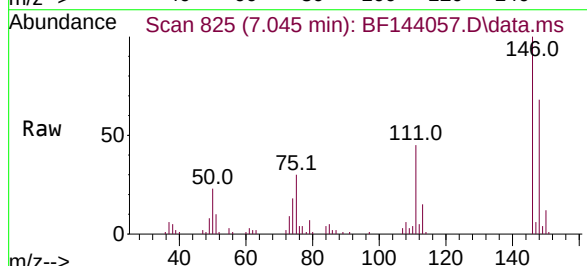
Tgt Ion:146 Resp: 25700

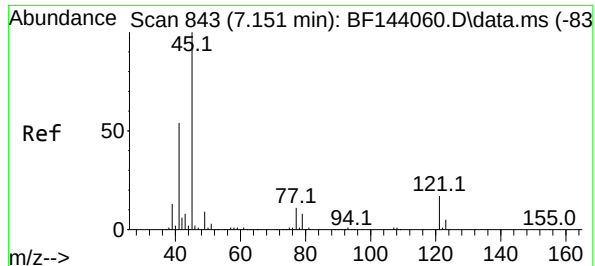
Ion Ratio Lower Upper

146 100

148 68.2 50.8 76.2

111 45.3 34.7 52.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.474 ng

RT: 7.145 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

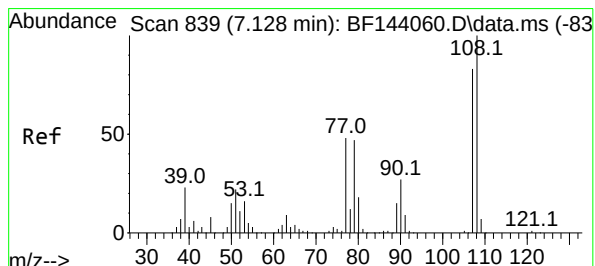
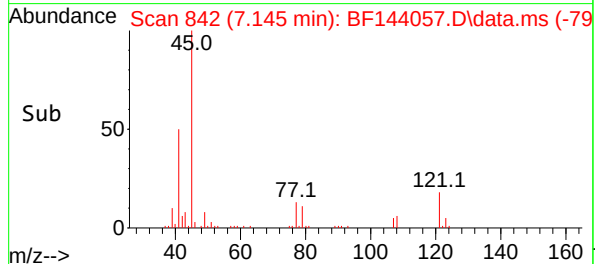
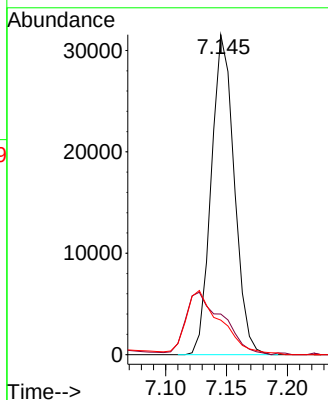
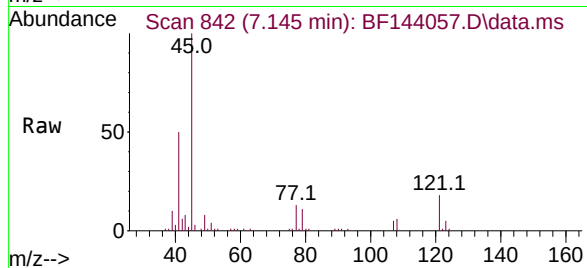
Tgt Ion: 45 Resp: 41443

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.9

79 10.8 0.0 28.2



#17

2-Methylphenol

Concen: 5.492 ng

RT: 7.128 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion: 107 Resp: 17019

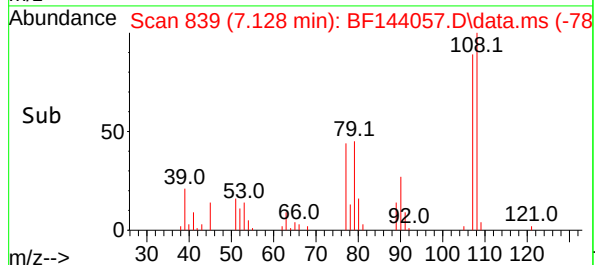
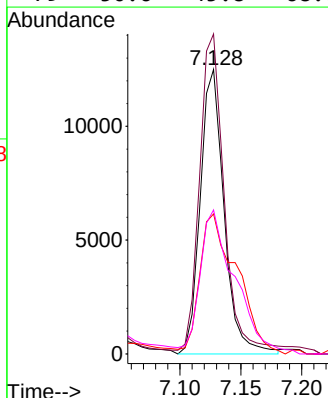
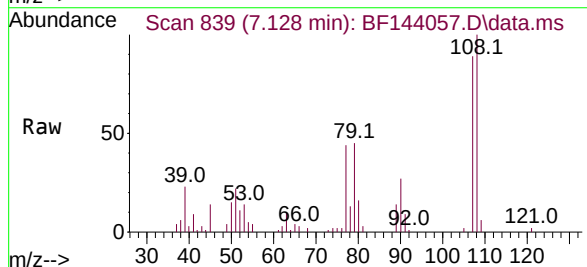
Ion Ratio Lower Upper

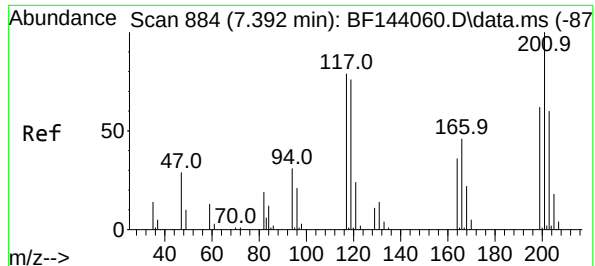
107 100

108 112.5 96.4 144.6

77 49.2 46.8 70.2

79 50.6 45.8 68.6





#18

Hexachloroethane

Concen: 5.108 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

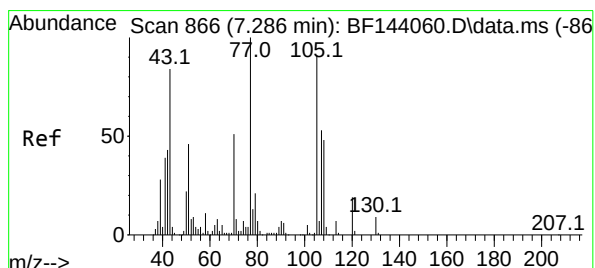
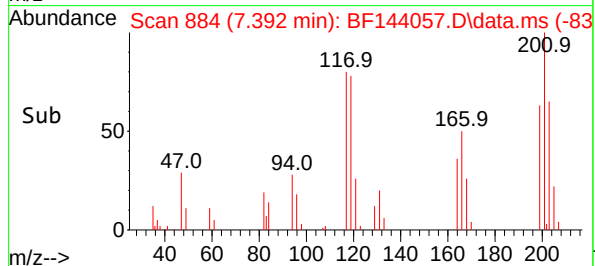
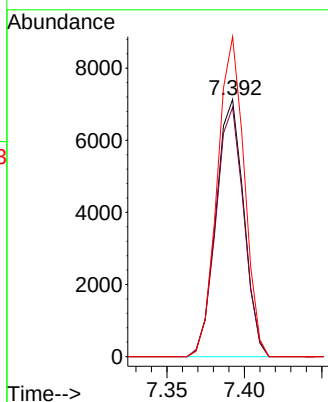
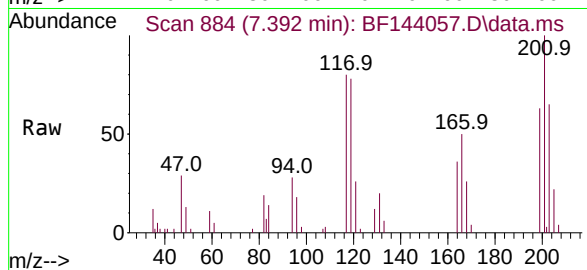
Tgt Ion:117 Resp: 8945

Ion Ratio Lower Upper

117 100

119 96.9 76.6 115.0

201 124.4 100.9 151.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.380 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion: 70 Resp: 15719

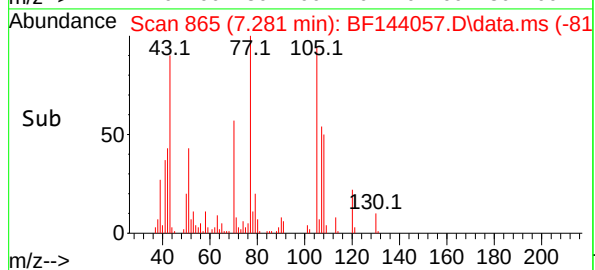
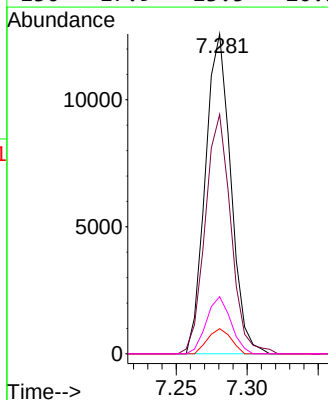
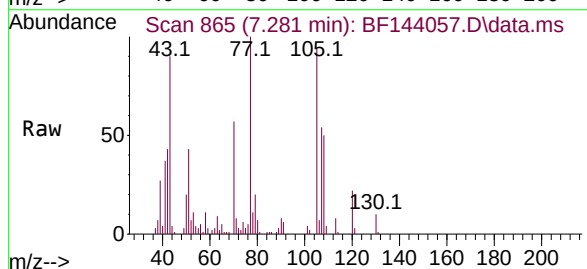
Ion Ratio Lower Upper

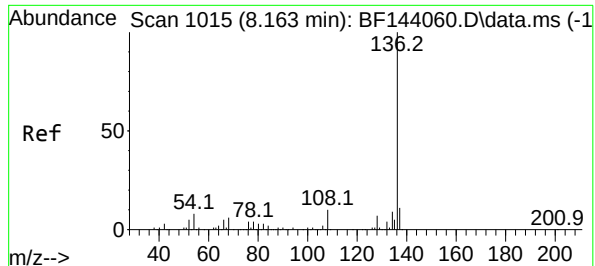
70 100

42 74.8 67.4 101.0

101 7.9 7.1 10.7

130 17.9 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 239688

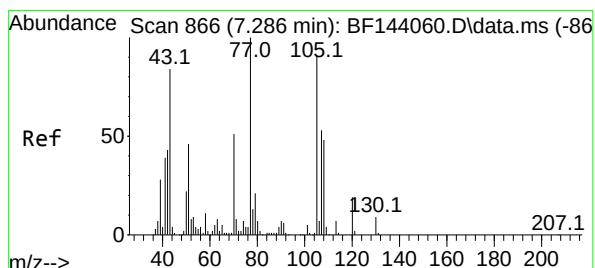
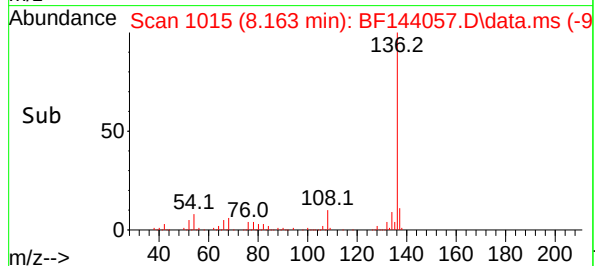
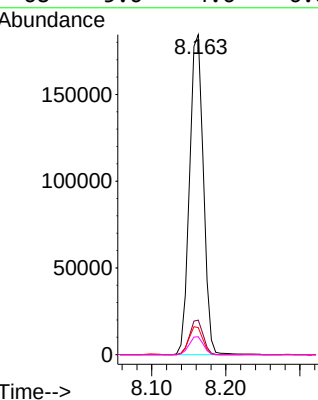
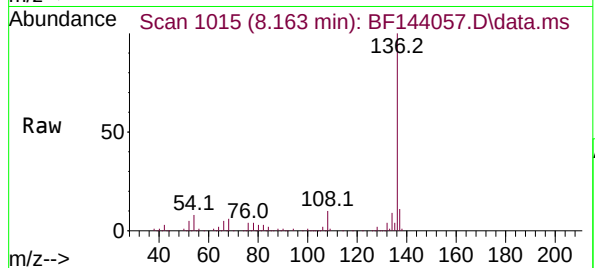
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.4 6.6 9.8

68 5.6 4.6 6.8



#22

Acetophenone

Concen: 5.471 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:105 Resp: 28341

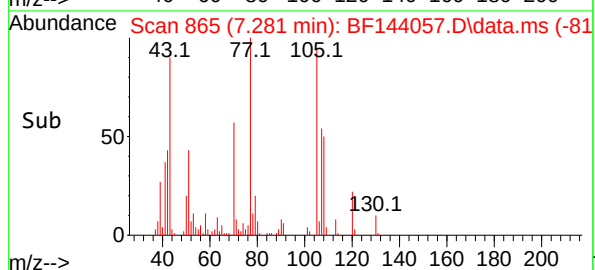
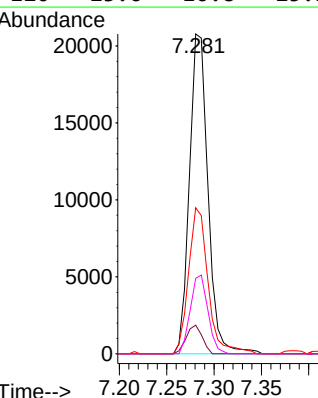
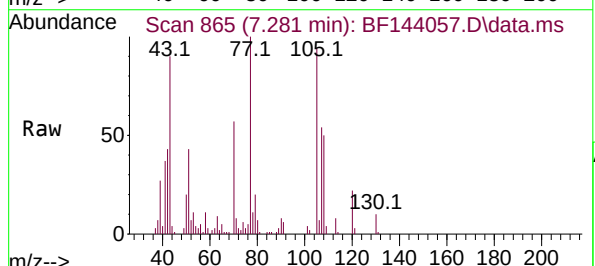
Ion Ratio Lower Upper

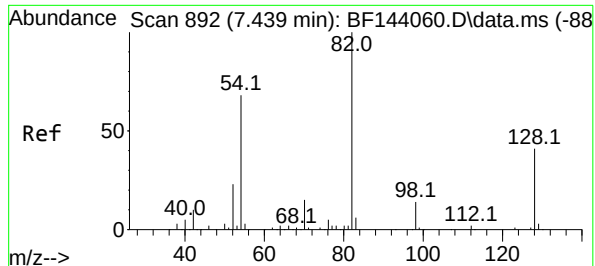
105 100

71 9.0 6.9 10.3

51 45.7 40.6 60.8

120 23.6 16.8 25.2





#23

Nitrobenzene-d5

Concen: 10.317 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

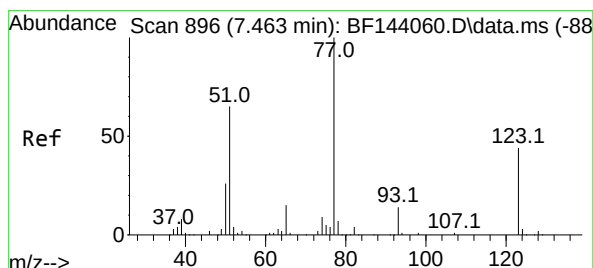
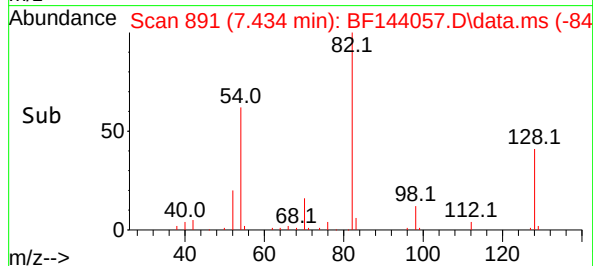
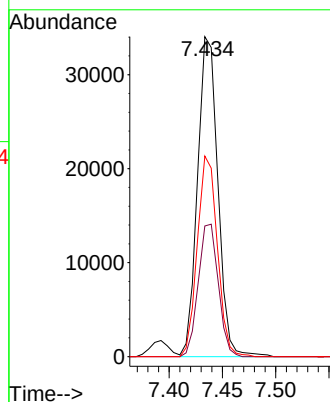
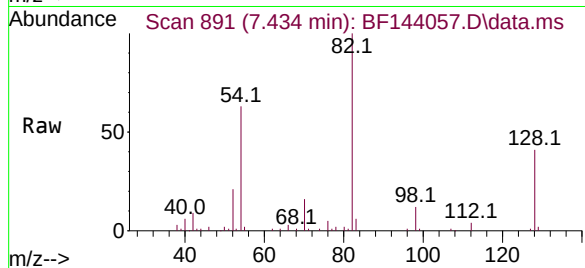
Tgt Ion: 82 Resp: 45136

Ion Ratio Lower Upper

82 100

128 40.9 32.4 48.6

54 62.7 54.0 81.0



#24

Nitrobenzene

Concen: 5.111 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

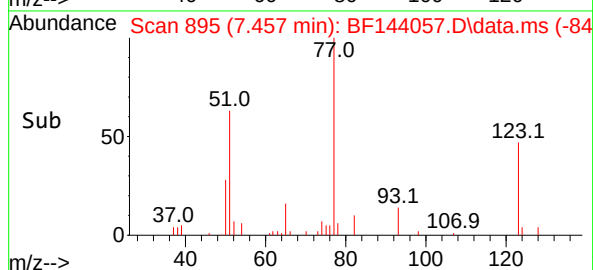
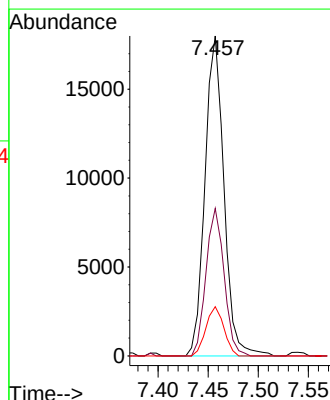
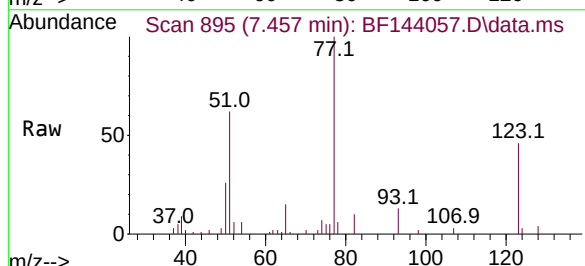
Tgt Ion: 77 Resp: 23655

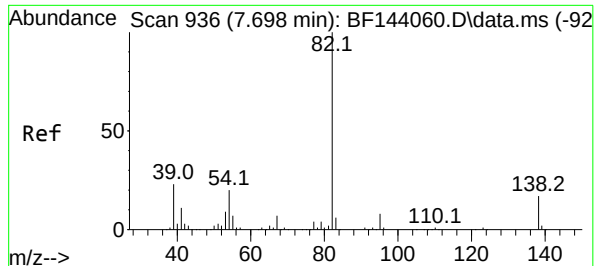
Ion Ratio Lower Upper

77 100

123 46.1 35.0 52.6

65 15.4 12.2 18.2





#25

Isophorone

Concen: 5.211 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

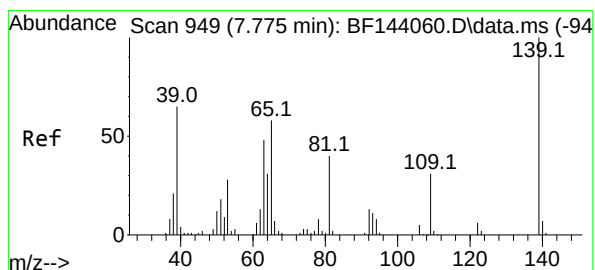
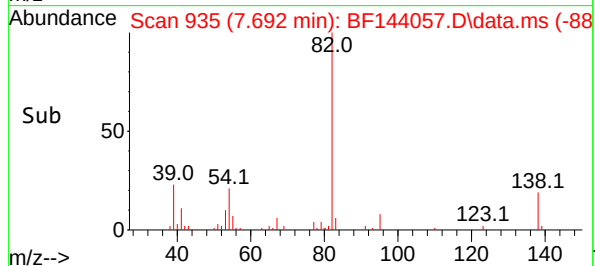
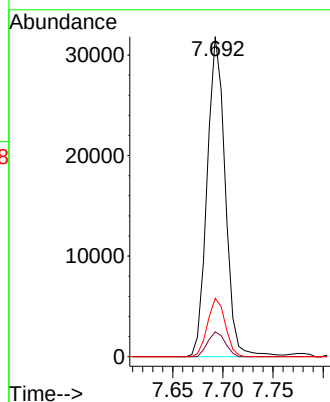
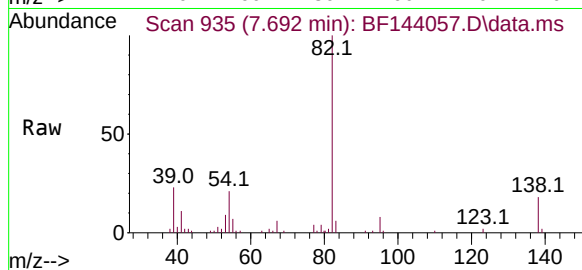
Tgt Ion: 82 Resp: 39860

Ion Ratio Lower Upper

82 100

95 7.7 6.6 9.8

138 18.2 13.8 20.8



#26

2-Nitrophenol

Concen: 5.166 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

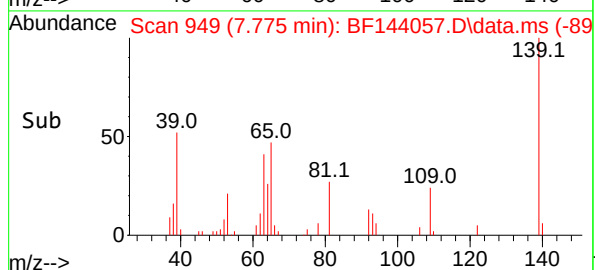
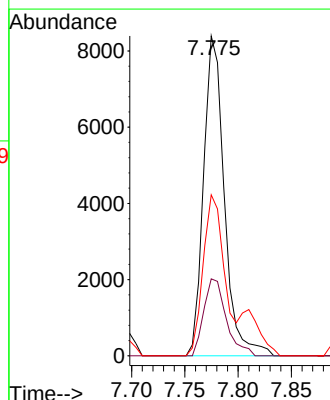
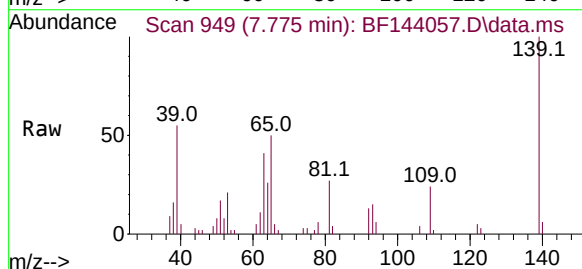
Tgt Ion: 139 Resp: 11373

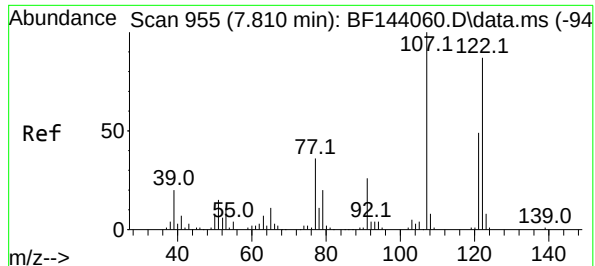
Ion Ratio Lower Upper

139 100

109 24.1 24.6 37.0#

65 50.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 5.287 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

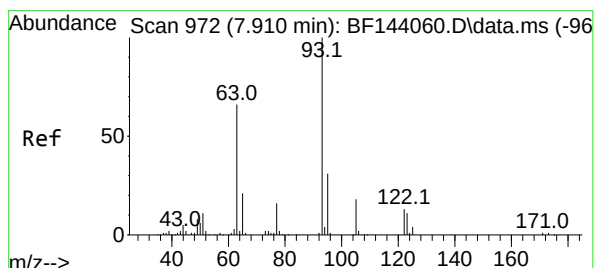
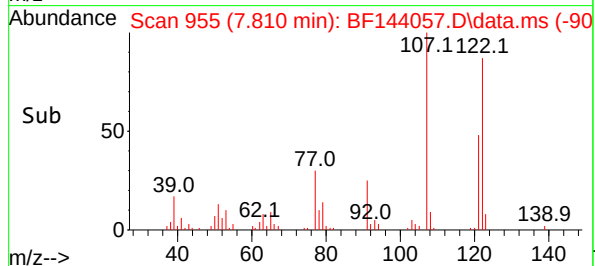
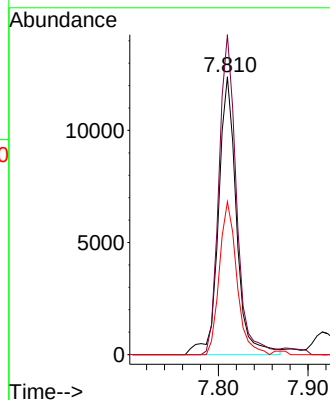
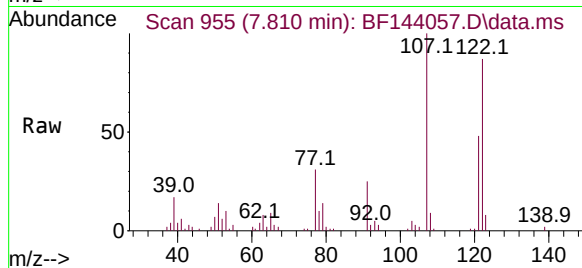
Tgt Ion:122 Resp: 17297

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.8

121 55.0 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.399 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

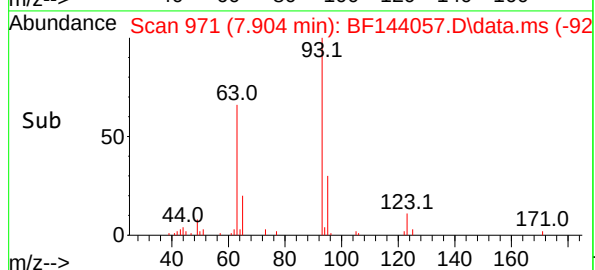
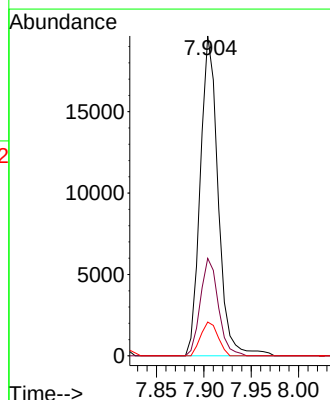
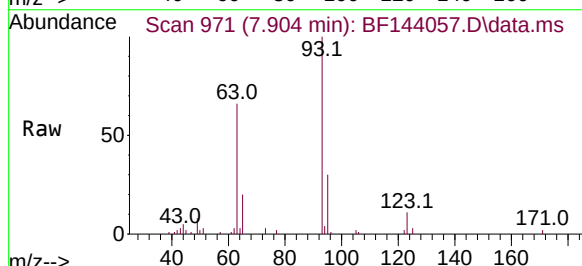
Tgt Ion: 93 Resp: 25751

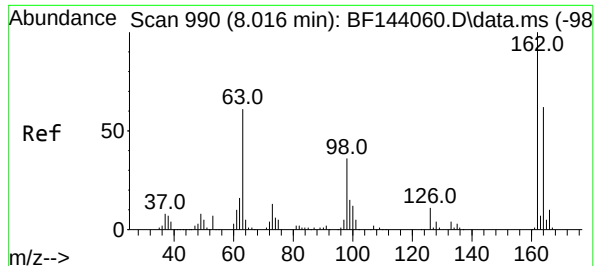
Ion Ratio Lower Upper

93 100

95 30.5 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.259 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

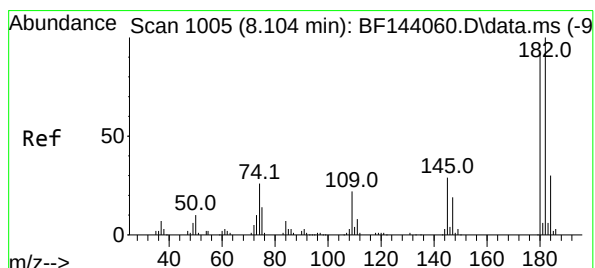
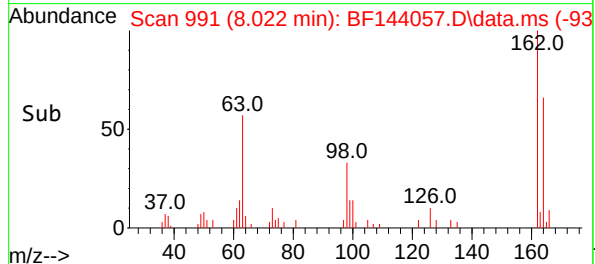
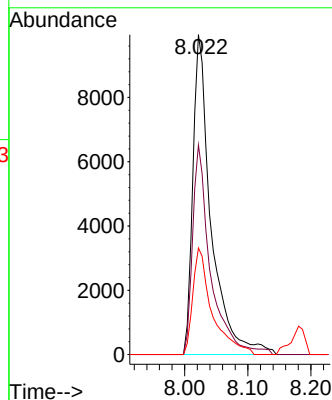
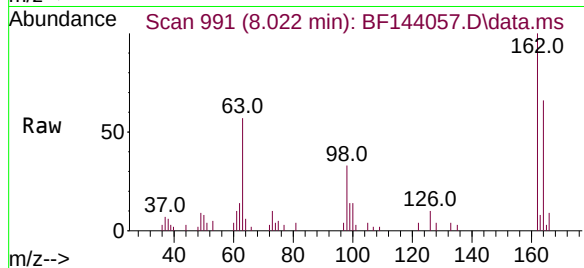
Tgt Ion:162 Resp: 20009

Ion Ratio Lower Upper

162 100

164 65.5 42.1 82.1

98 33.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 5.263 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

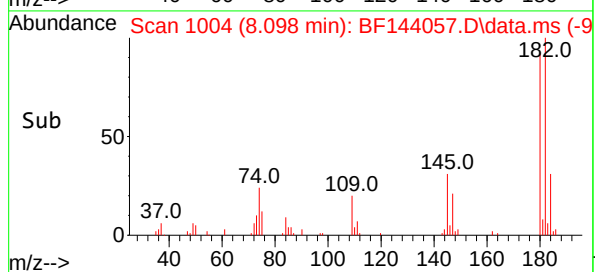
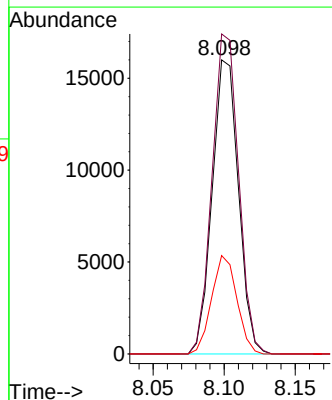
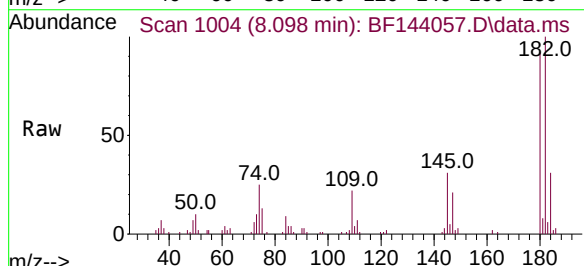
Tgt Ion:180 Resp: 20600

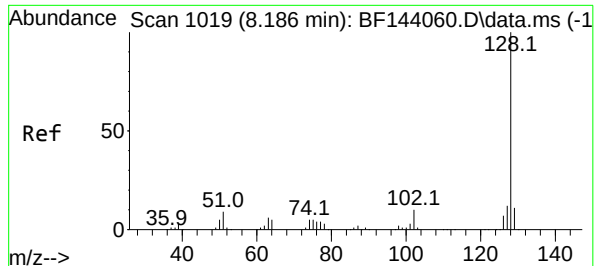
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 33.4 25.3 37.9





#31

Naphthalene

Concen: 5.585 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

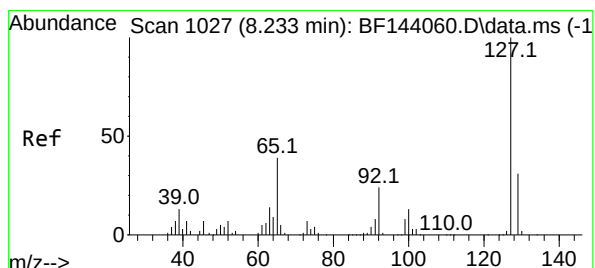
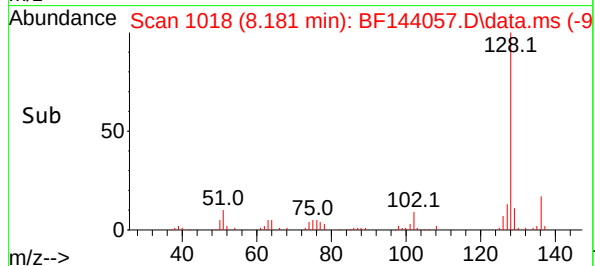
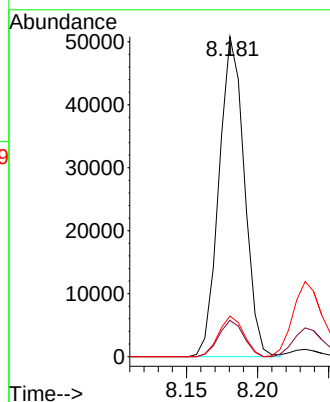
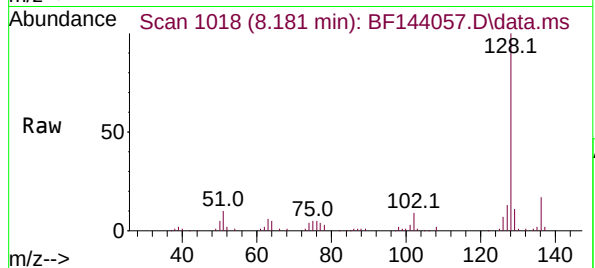
Tgt Ion:128 Resp: 63185

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 12.7 9.9 14.9



#33

4-Chloroaniline

Concen: 5.047 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:127 Resp: 19875

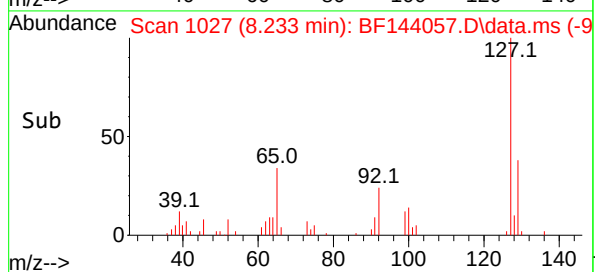
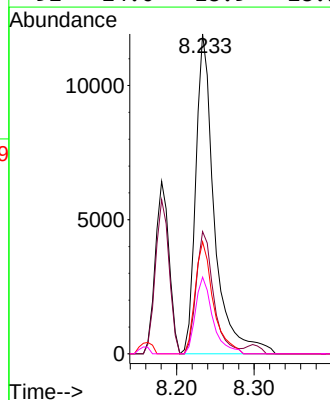
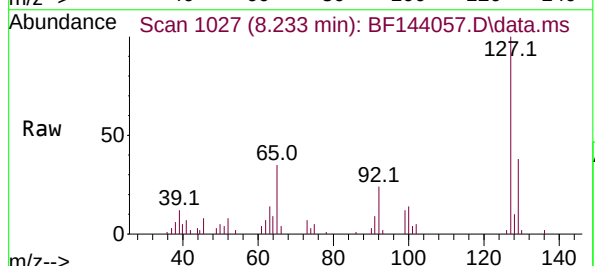
Ion Ratio Lower Upper

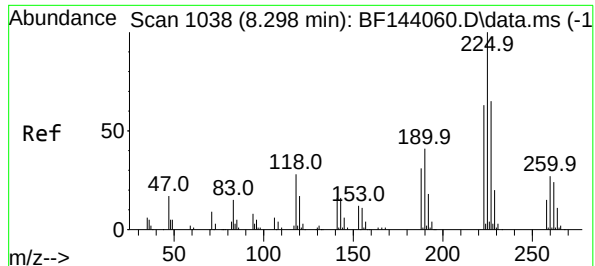
127 100

129 38.2 25.6 38.4

65 35.0 30.9 46.3

92 24.0 18.9 28.3





#34

Hexachlorobutadiene

Concen: 5.218 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

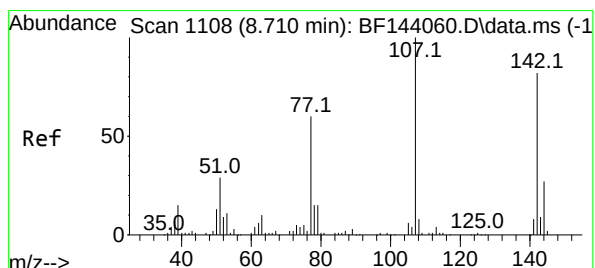
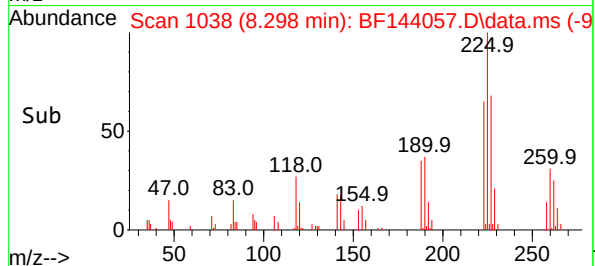
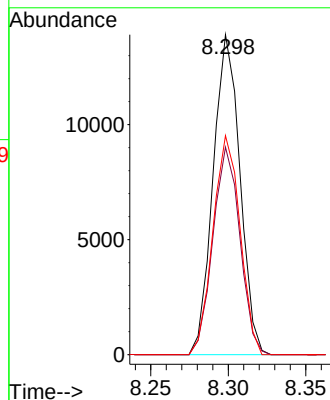
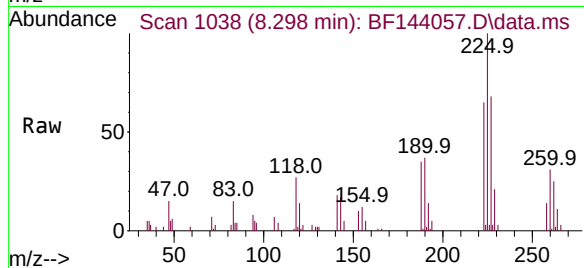
Tgt Ion:225 Resp: 16702

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

227 68.4 51.8 77.8



#36

4-Chloro-3-methylphenol

Concen: 5.384 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

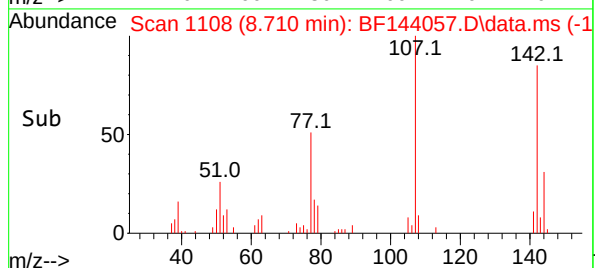
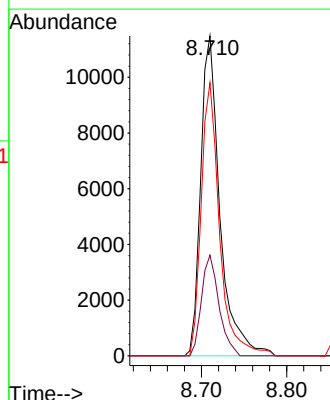
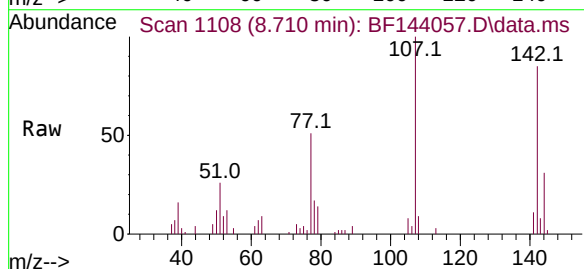
Tgt Ion:107 Resp: 18077

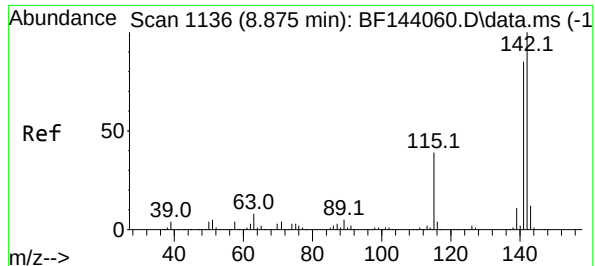
Ion Ratio Lower Upper

107 100

144 31.5 21.6 32.4

142 85.4 65.4 98.0





#37

2-Methylnaphthalene

Concen: 5.766 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

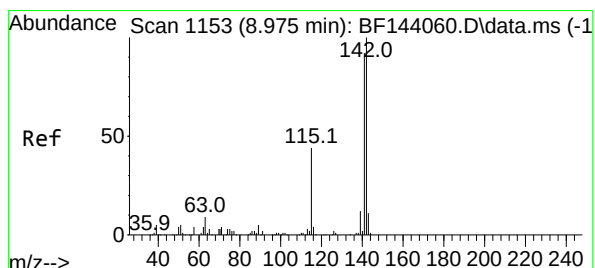
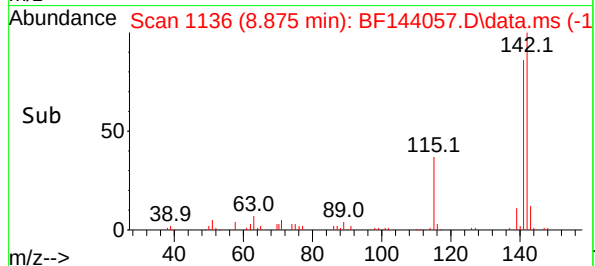
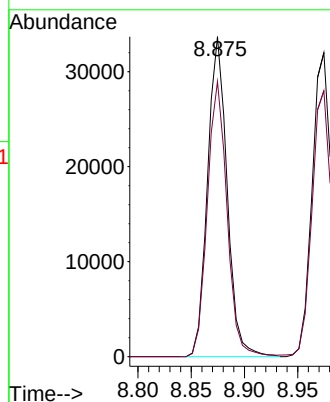
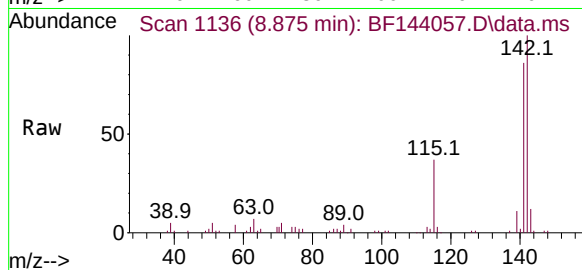
SSTDICC005

Tgt Ion:142 Resp: 43006

Ion Ratio Lower Upper

142 100

141 86.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 5.806 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144057.D

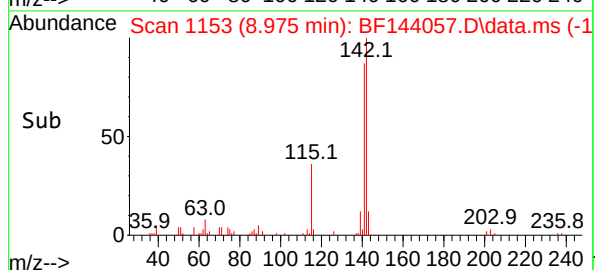
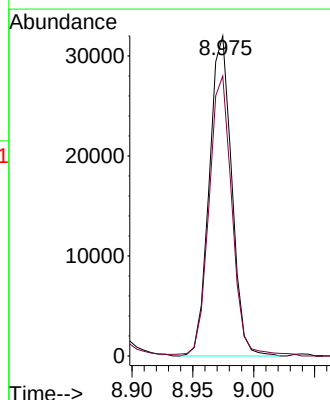
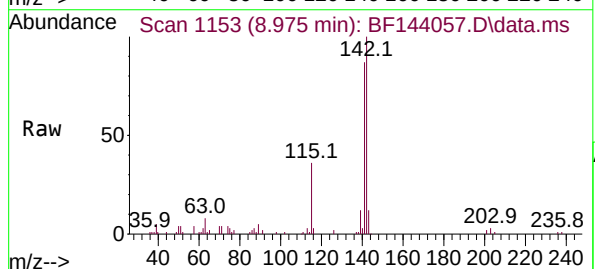
Acq: 24 Oct 2025 10:42

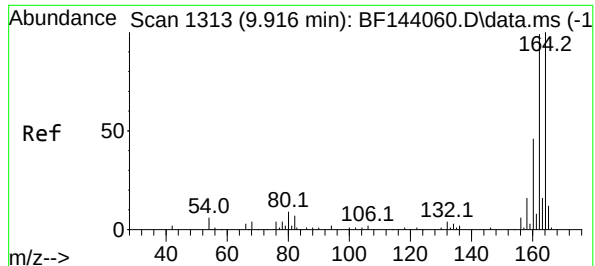
Tgt Ion:142 Resp: 41029

Ion Ratio Lower Upper

142 100

141 87.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

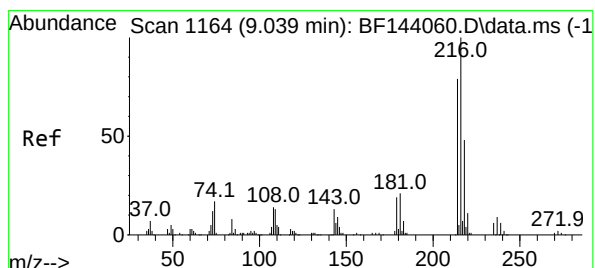
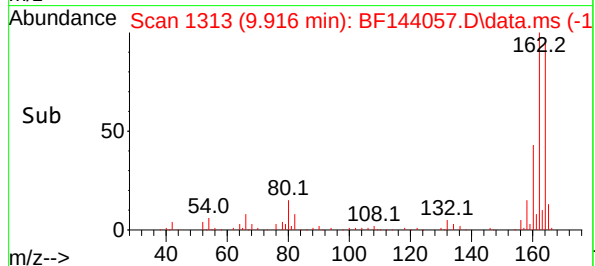
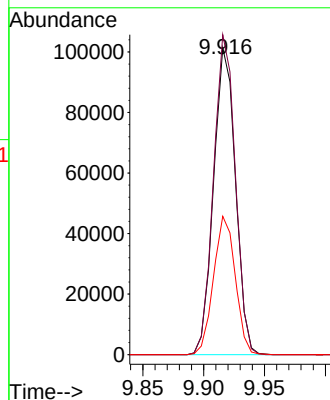
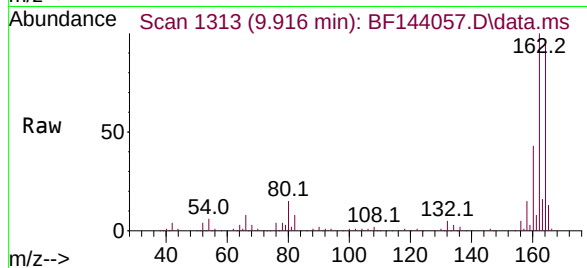
Tgt Ion:164 Resp: 127182

Ion Ratio Lower Upper

164 100

162 104.2 79.4 119.2

160 45.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.651 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:216 Resp: 24701

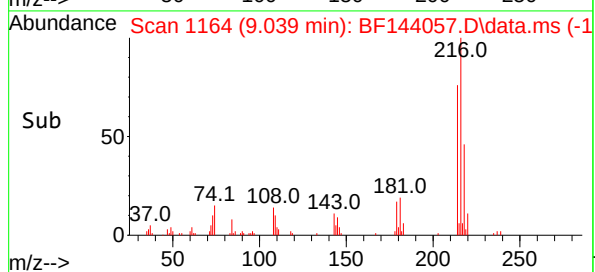
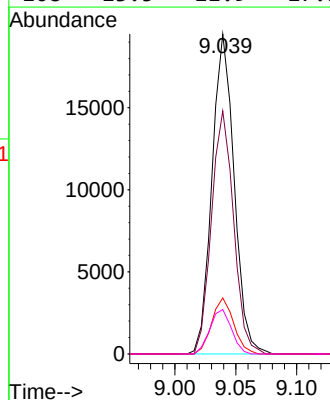
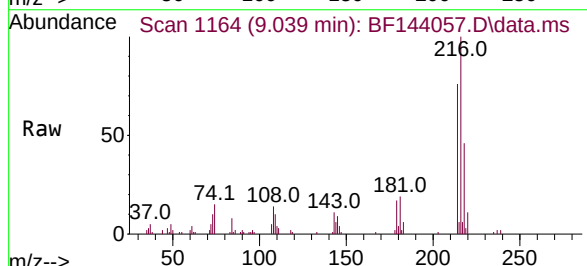
Ion Ratio Lower Upper

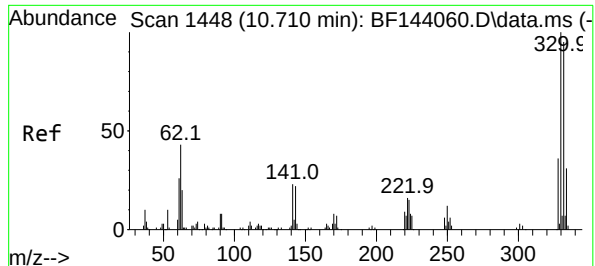
216 100

214 75.6 63.2 94.8

179 17.3 15.2 22.8

108 13.5 11.9 17.9

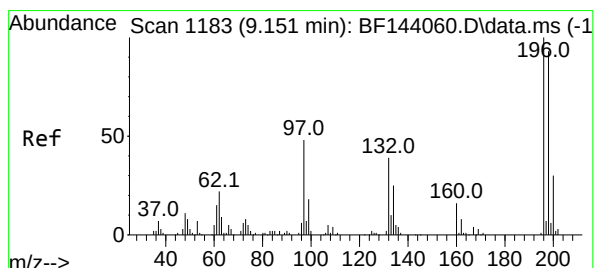
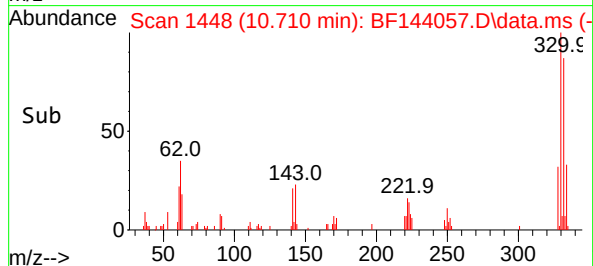
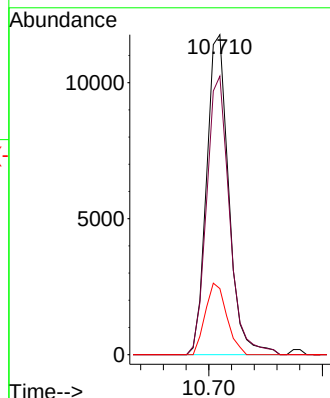
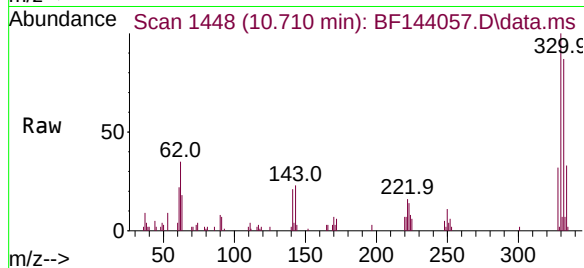




#42
2,4,6-Tribromophenol
Concen: 9.848 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

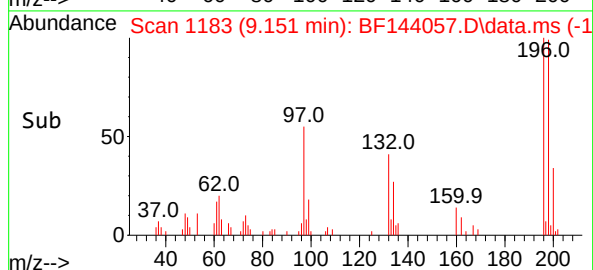
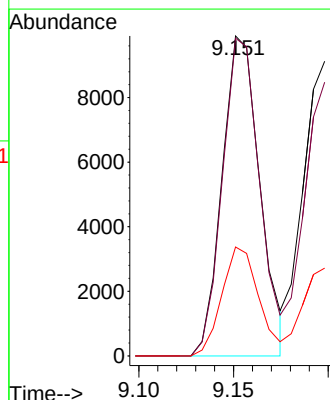
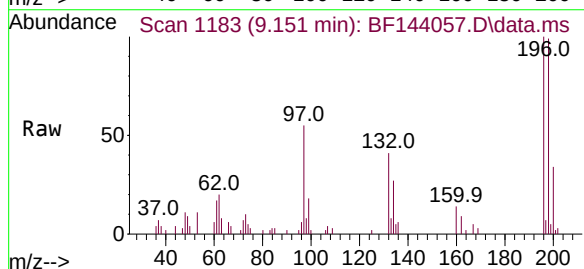
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

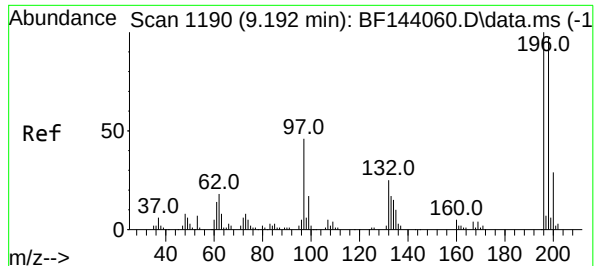
Tgt Ion	330	Resp	15954
Ion Ratio	Lower	Upper	
330	100		
332	89.7	77.0	115.6
141	21.6	19.4	29.0



#43
2,4,6-Trichlorophenol
Concen: 4.813 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion	196	Resp	13673
Ion Ratio	Lower	Upper	
196	100		
198	99.3	74.4	111.6
200	34.0	23.8	35.8





#44

2,4,5-Trichlorophenol

Concen: 5.208 ng

RT: 9.198 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF144057.D

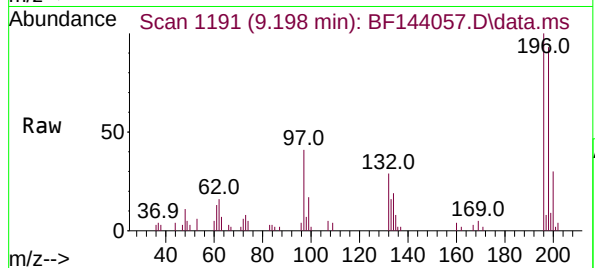
Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 15530

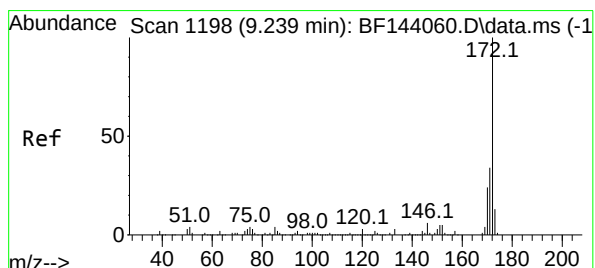
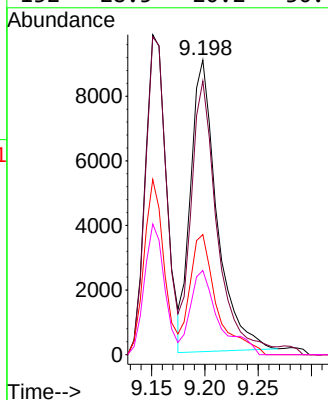
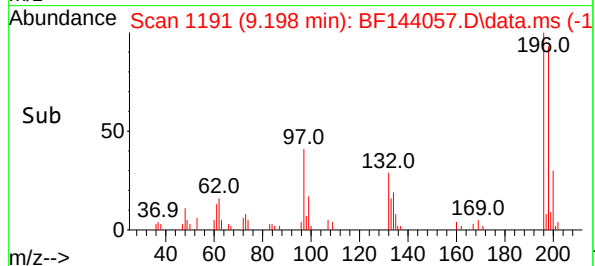
Ion Ratio Lower Upper

196 100

198 92.9 78.0 117.0

97 40.7 37.7 56.5

132 28.5 20.2 30.4



#45

2-Fluorobiphenyl

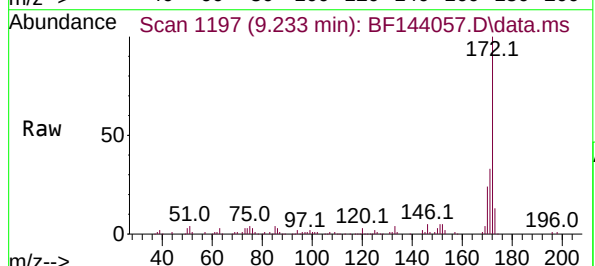
Concen: 11.641 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42



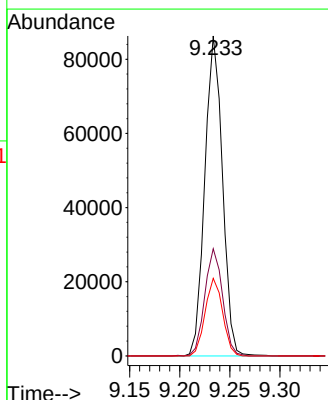
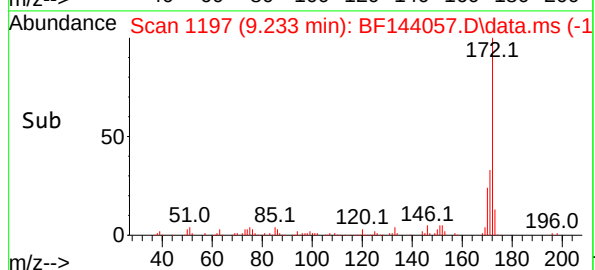
Tgt Ion:172 Resp: 105210

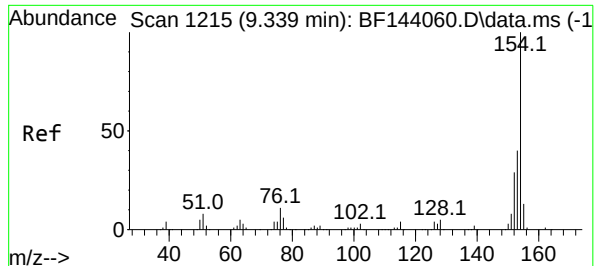
Ion Ratio Lower Upper

172 100

171 33.5 27.5 41.3

170 24.2 19.0 28.6





#46

1,1'-Biphenyl

Concen: 5.635 ng

RT: 9.333 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

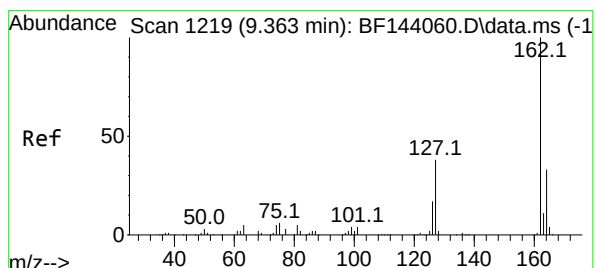
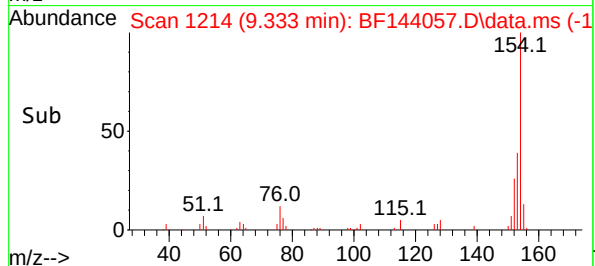
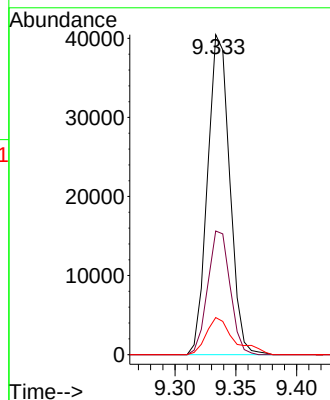
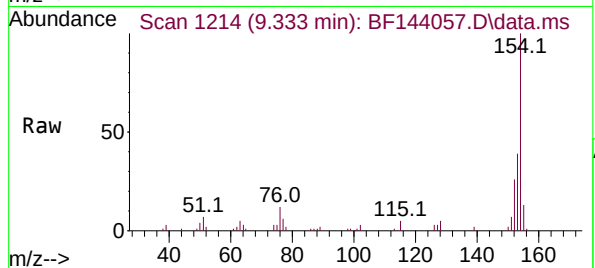
Tgt Ion:154 Resp: 51299

Ion Ratio Lower Upper

154 100

153 38.6 19.7 59.7

76 11.6 0.0 31.1



#47

2-Chloronaphthalene

Concen: 5.571 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

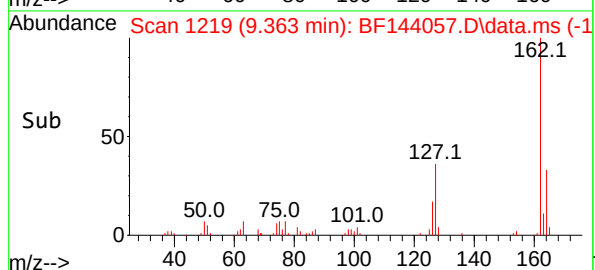
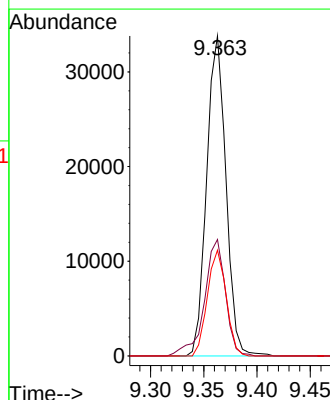
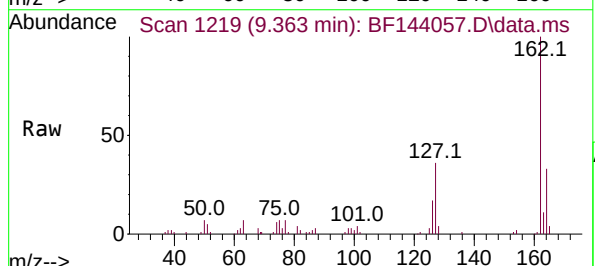
Tgt Ion:162 Resp: 42492

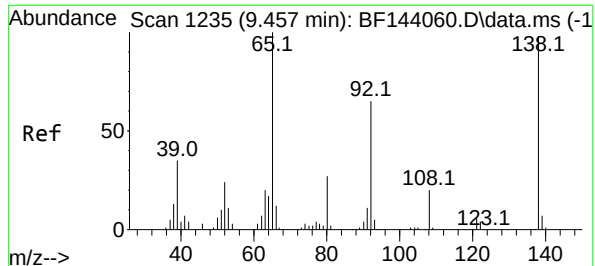
Ion Ratio Lower Upper

162 100

127 36.4 31.6 47.4

164 33.0 26.5 39.7





#48

2-Nitroaniline

Concen: 4.568 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

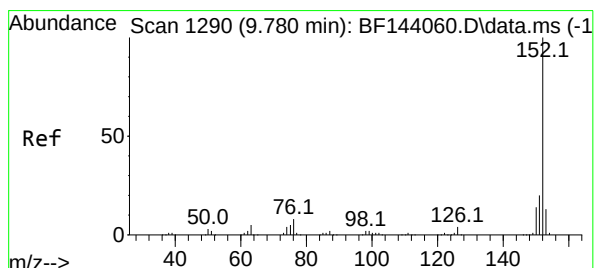
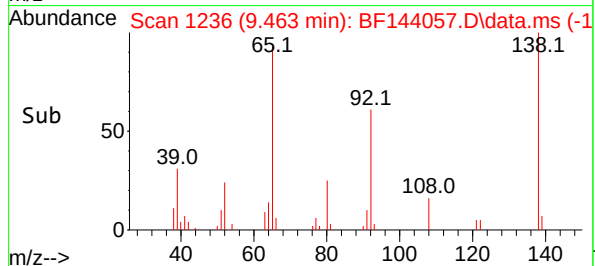
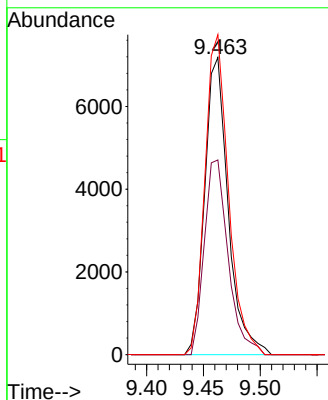
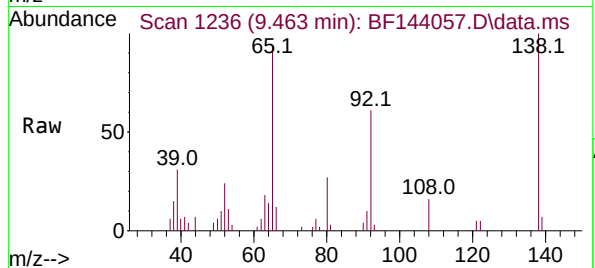
Tgt Ion: 65 Resp: 10347

Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 107.7 78.3 117.5



#49

Acenaphthylene

Concen: 5.502 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

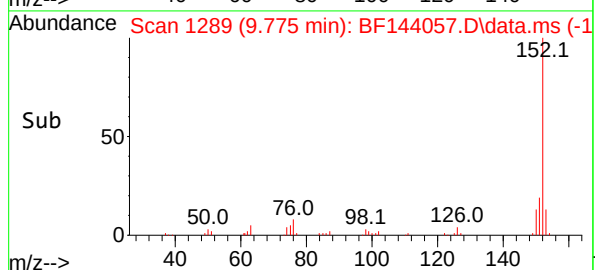
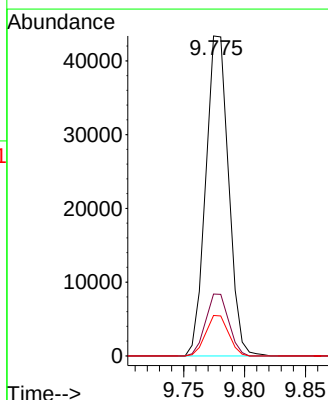
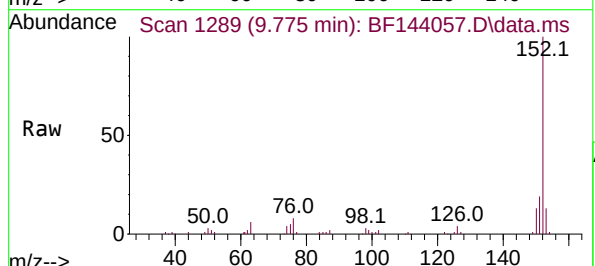
Tgt Ion: 152 Resp: 56586

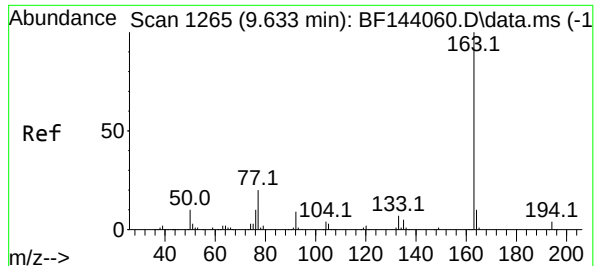
Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.4 15.6





#50

Dimethylphthalate

Concen: 5.332 ng

RT: 9.627 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

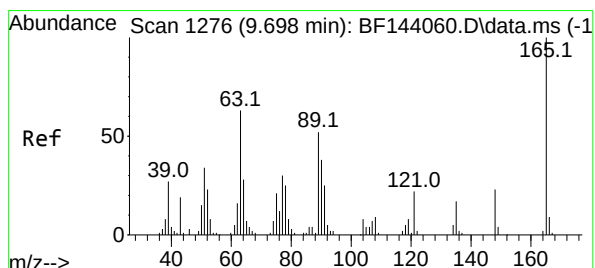
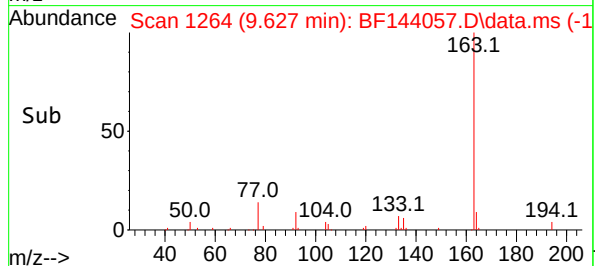
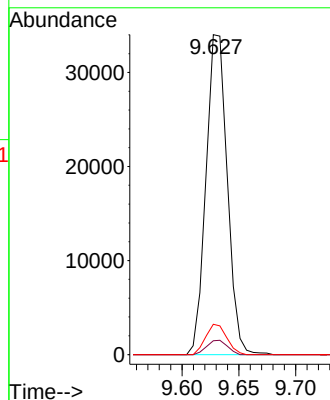
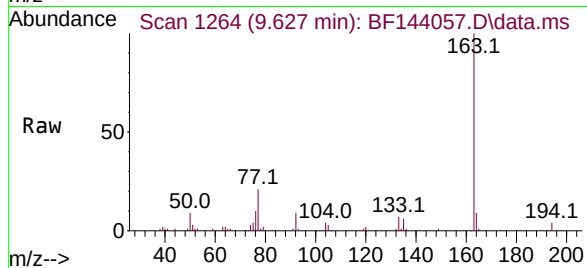
Tgt Ion:163 Resp: 44452

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.5 7.8 11.8



#51

2,6-Dinitrotoluene

Concen: 4.392 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

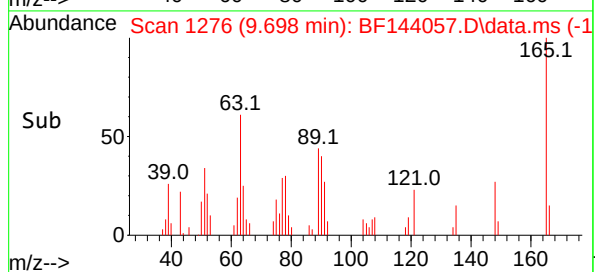
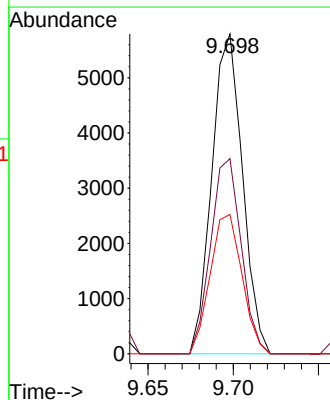
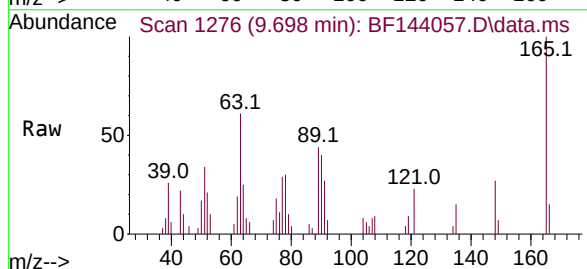
Tgt Ion:165 Resp: 7239

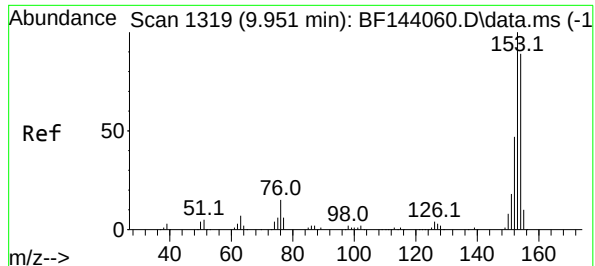
Ion Ratio Lower Upper

165 100

63 61.0 50.4 75.6

89 43.6 41.4 62.2





#52

Acenaphthene

Concen: 5.208 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

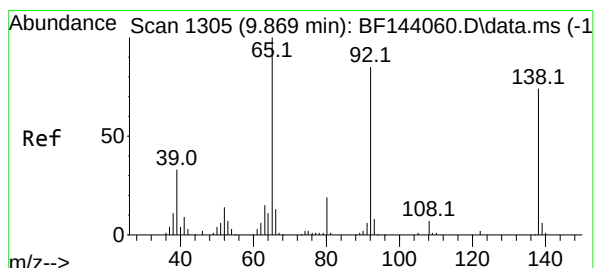
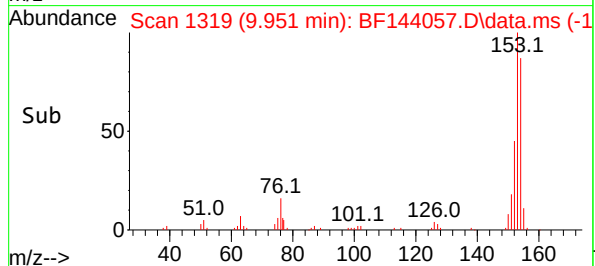
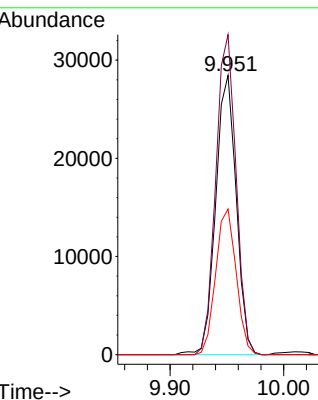
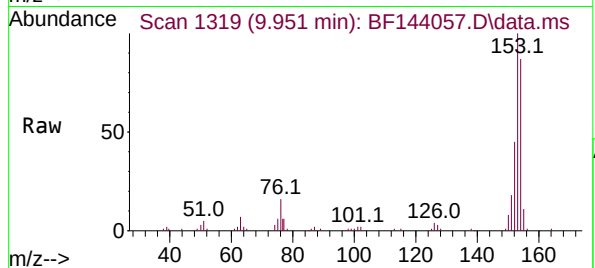
Tgt Ion:154 Resp: 35769

Ion Ratio Lower Upper

154 100

153 114.6 89.9 134.9

152 52.1 42.0 63.0



#53

3-Nitroaniline

Concen: 4.792 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

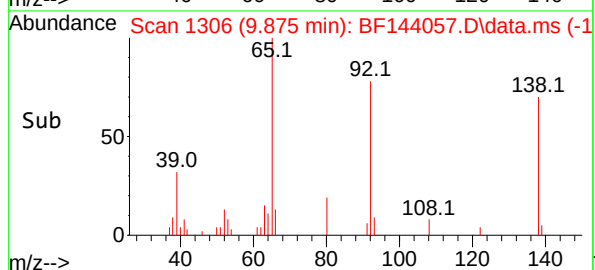
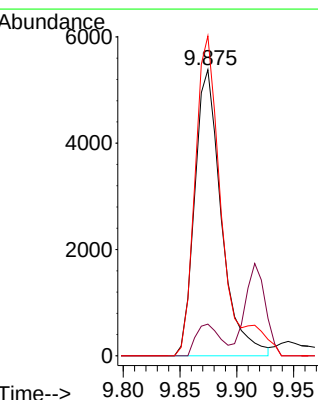
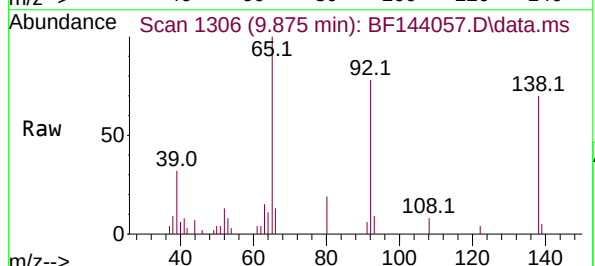
Tgt Ion:138 Resp: 8780

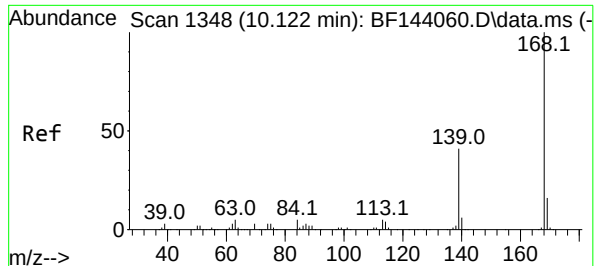
Ion Ratio Lower Upper

138 100

108 11.1 7.9 11.9

92 111.8 92.0 138.0





#55

Dibenzofuran

Concen: 5.620 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

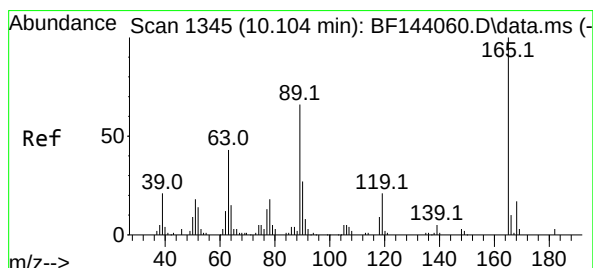
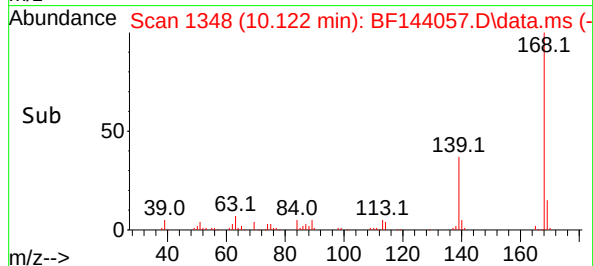
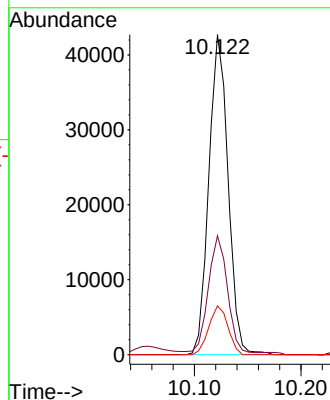
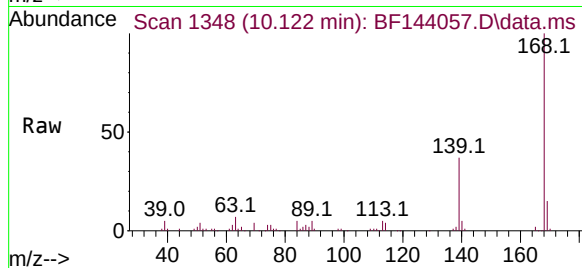
Tgt Ion:168 Resp: 53591

Ion Ratio Lower Upper

168 100

139 37.1 33.2 49.8

169 15.2 12.6 19.0



#57

2,4-Dinitrotoluene

Concen: 4.312 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:165 Resp: 9591

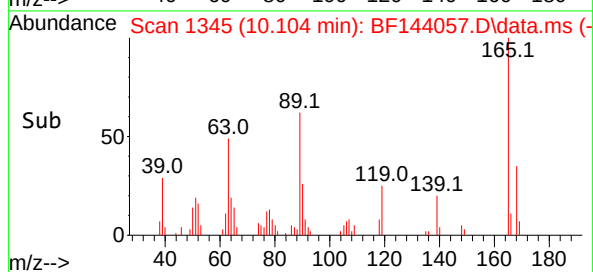
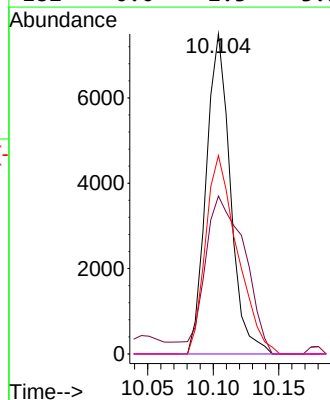
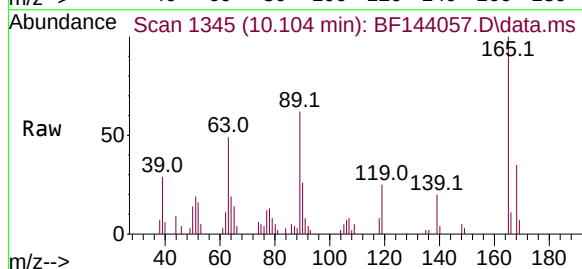
Ion Ratio Lower Upper

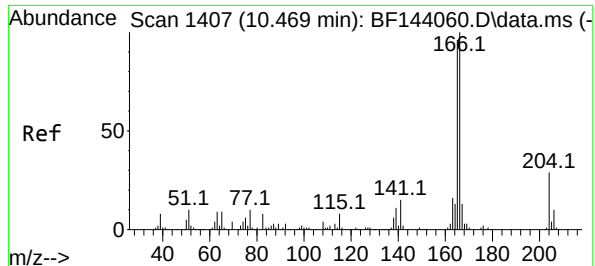
165 100

63 49.3 35.4 53.2

89 62.0 52.7 79.1

182 0.0 2.3 3.5#





#58

Fluorene

Concen: 5.948 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

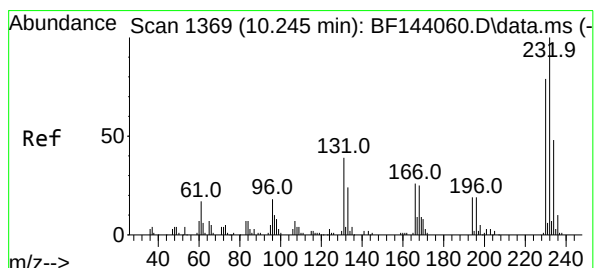
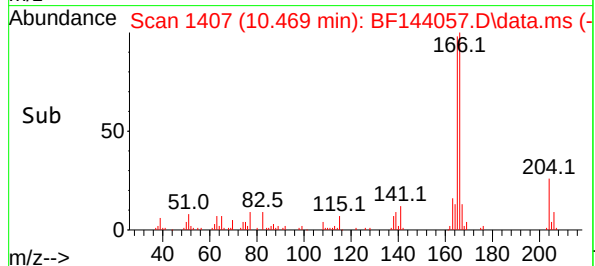
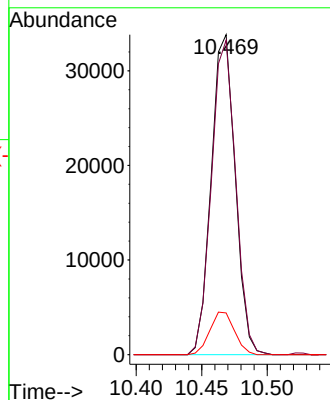
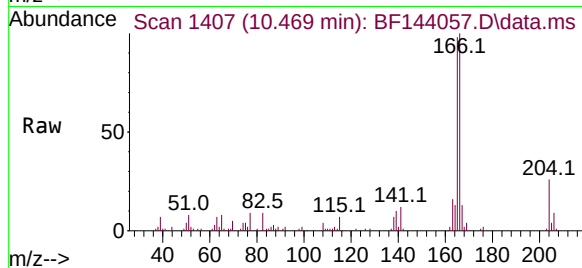
Tgt Ion:166 Resp: 43217

Ion Ratio Lower Upper

166 100

165 98.3 77.0 115.4

167 13.0 10.2 15.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.793 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:232 Resp: 10071

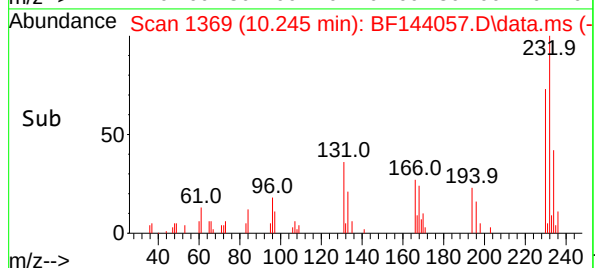
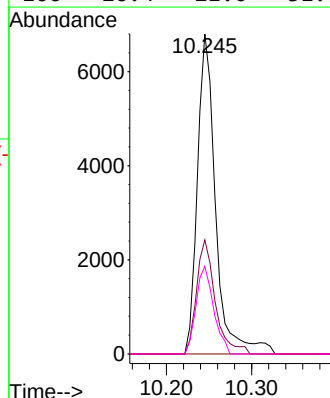
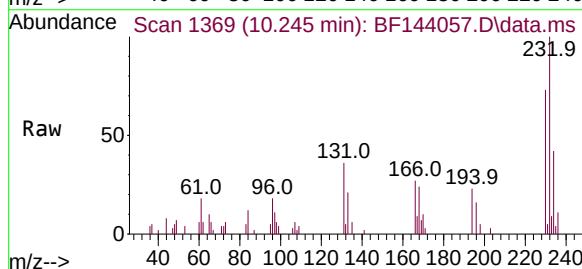
Ion Ratio Lower Upper

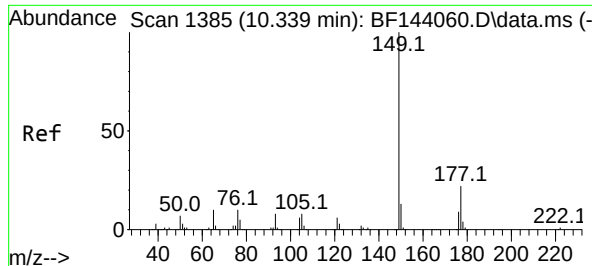
232 100

131 36.6 31.9 47.9

130 0.0 1.1 1.7#

166 26.4 21.0 31.4





#60

Diethylphthalate

Concen: 5.215 ng

RT: 10.333 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

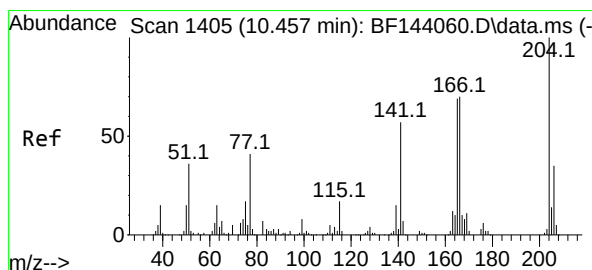
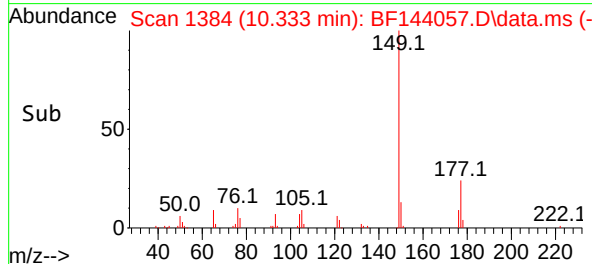
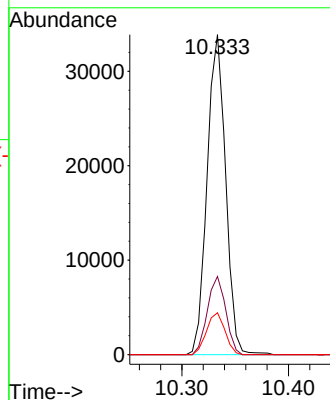
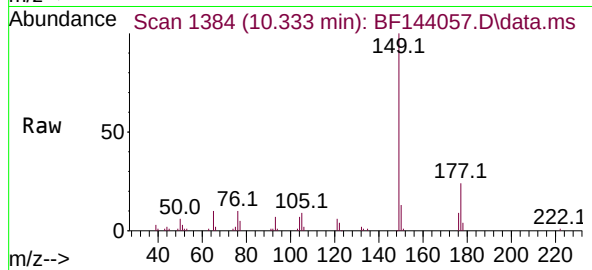
Tgt Ion:149 Resp: 40882

Ion Ratio Lower Upper

149 100

177 24.4 17.8 26.6

150 13.1 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 5.491 ng

RT: 10.457 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

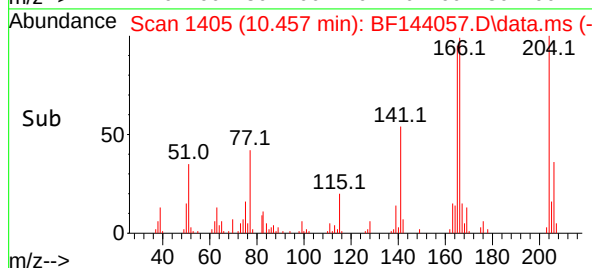
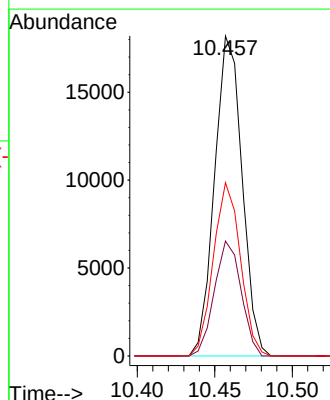
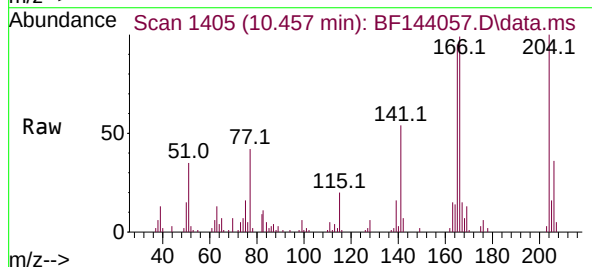
Tgt Ion:204 Resp: 22434

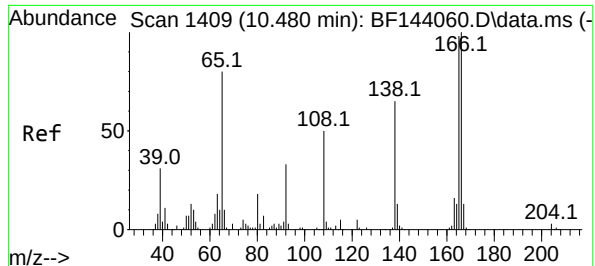
Ion Ratio Lower Upper

204 100

206 35.9 27.8 41.6

141 54.1 45.4 68.2

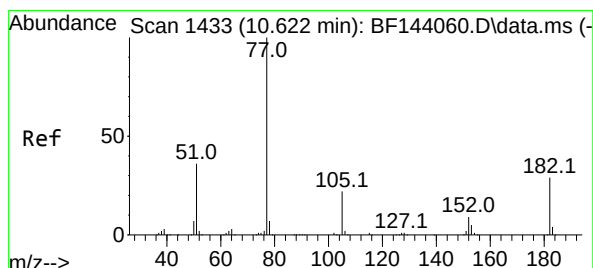
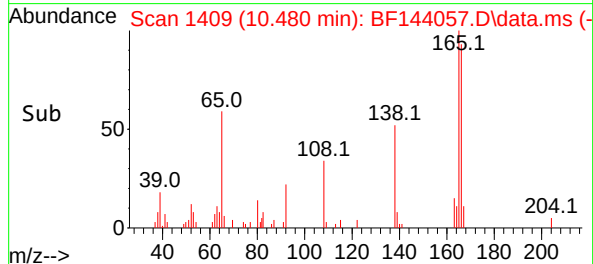
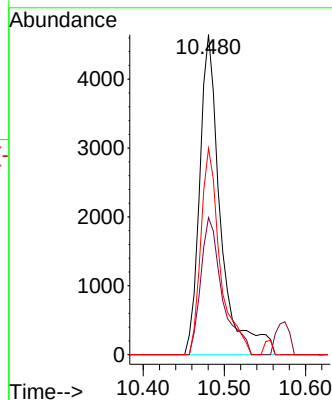
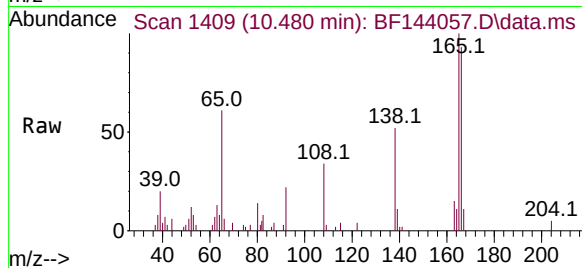




#62
4-Nitroaniline
Concen: 4.789 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

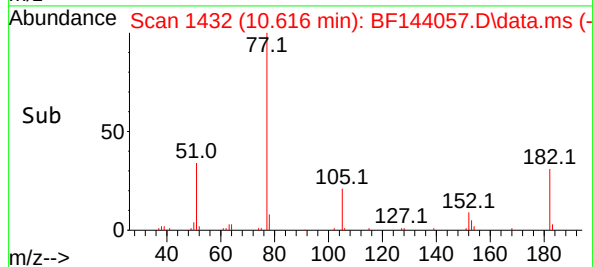
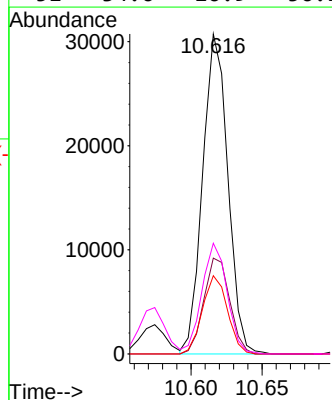
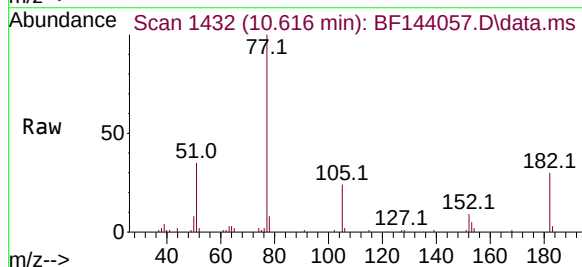
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

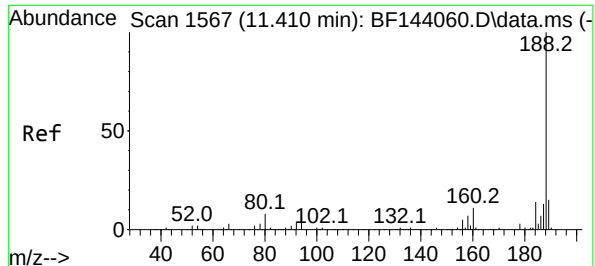
Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.8	30.5	70.5
108	64.5	56.2	96.2



#63
Azobenzene
Concen: 5.106 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.9	9.0	49.0
105	24.4	1.4	41.4
51	34.6	16.9	56.9

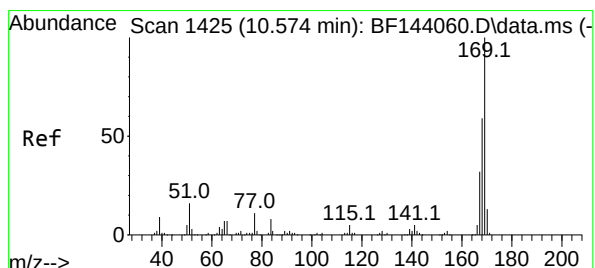
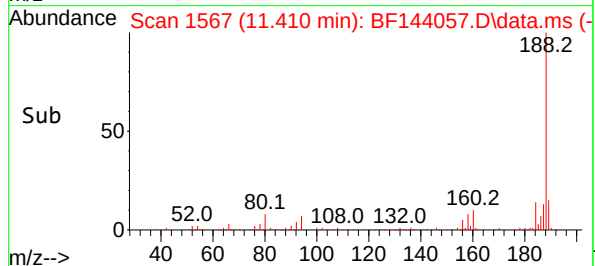
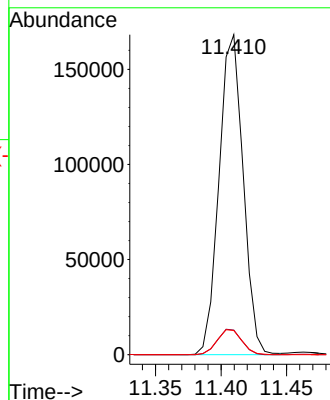
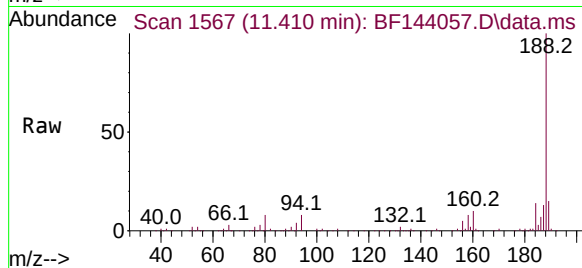




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

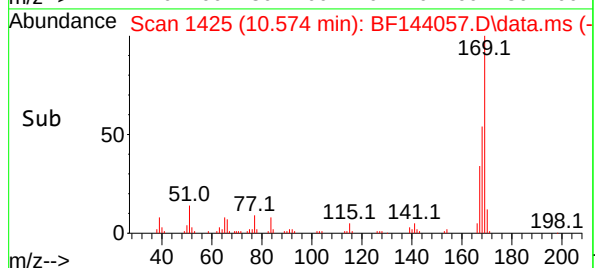
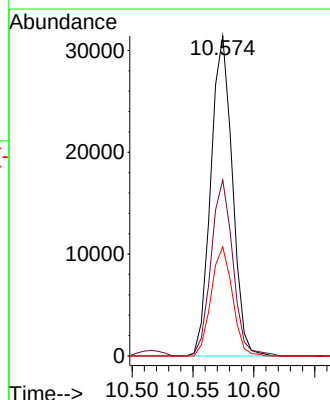
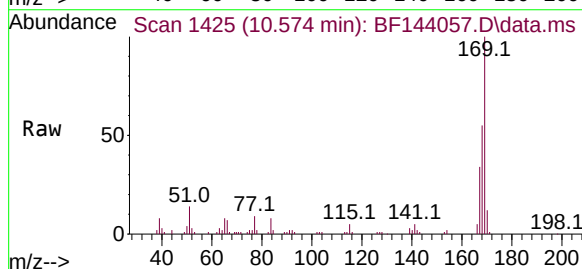
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

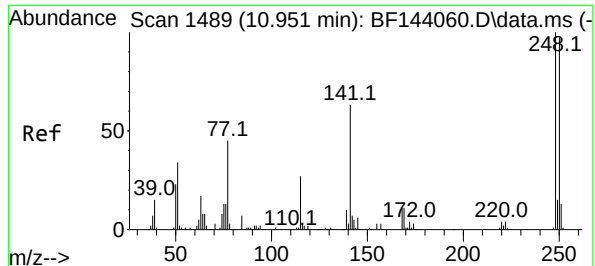
Tgt Ion:188 Resp: 215493
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 7.5 6.0 9.0



#66
n-Nitrosodiphenylamine
Concen: 5.599 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:169 Resp: 38552
Ion Ratio Lower Upper
169 100
168 55.0 47.4 71.2
167 34.1 25.5 38.3

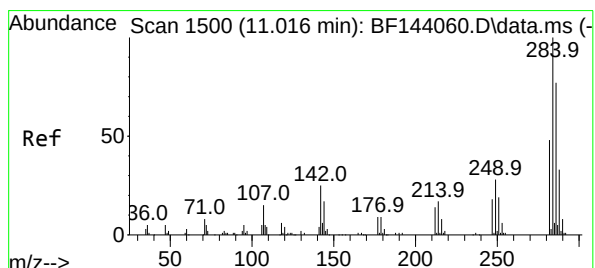
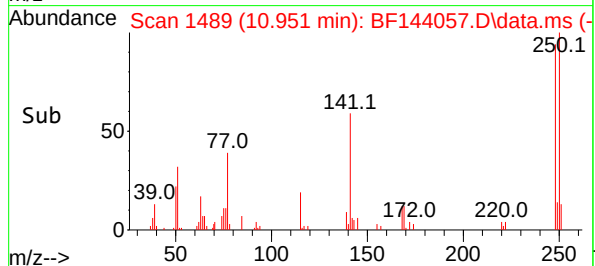
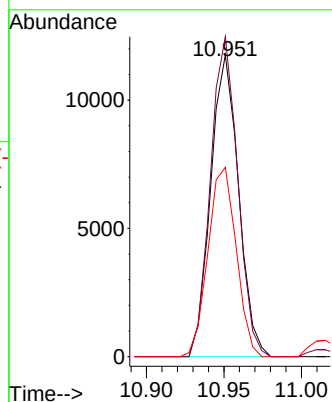
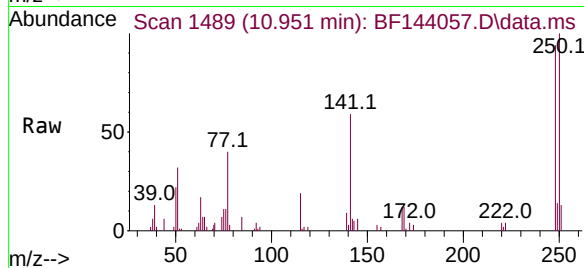




#67
4-Bromophenyl-phenylether
Concen: 5.466 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

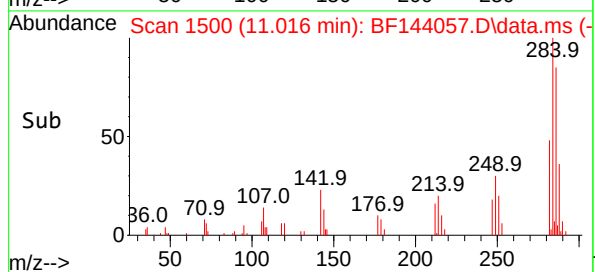
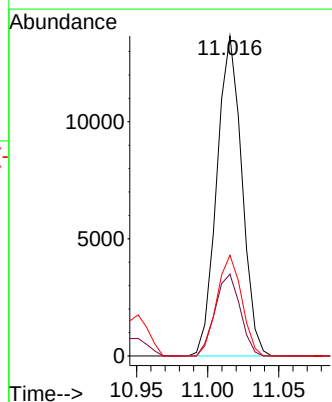
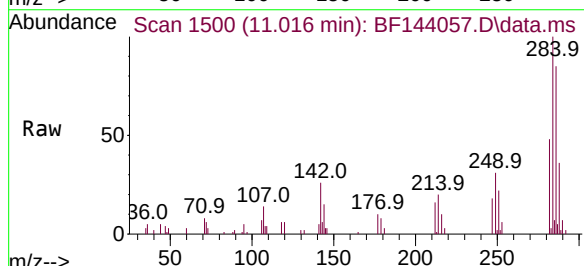
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

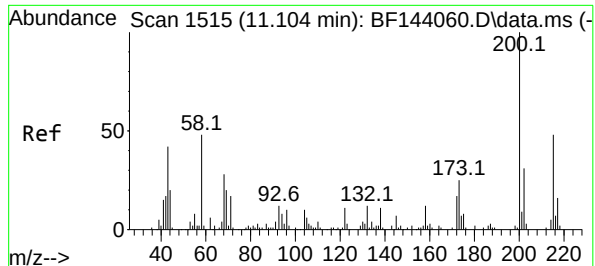
Tgt Ion	Ratio	Lower	Upper
248	100		
250	106.1	77.8	116.6
141	62.8	50.5	75.7



#68
Hexachlorobenzene
Concen: 5.070 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.0	30.0
249	31.5	22.2	33.2





#69

Atrazine

Concen: 5.458 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

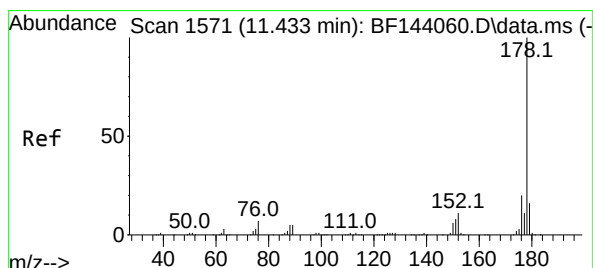
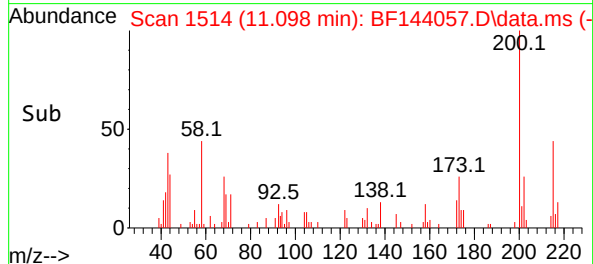
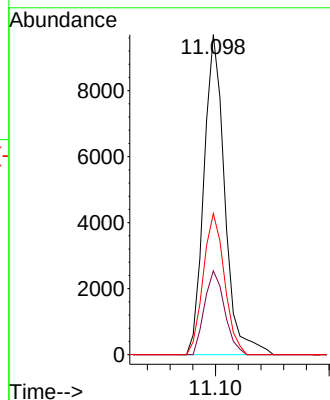
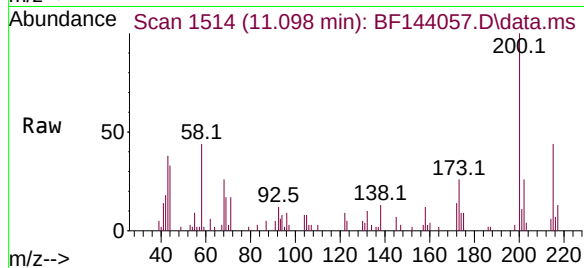
Tgt Ion:200 Resp: 12331

Ion Ratio Lower Upper

200 100

173 26.2 4.9 44.9

215 44.1 28.2 68.2



#71

Phenanthrene

Concen: 5.398 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

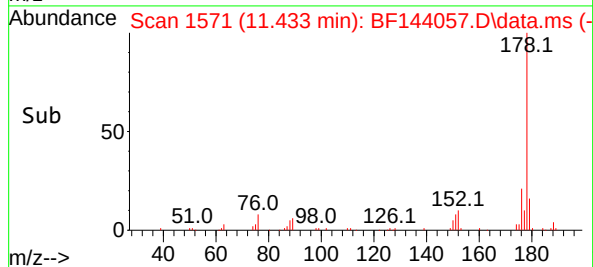
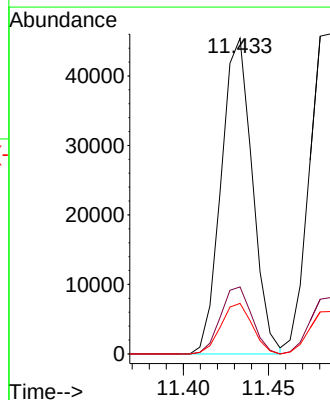
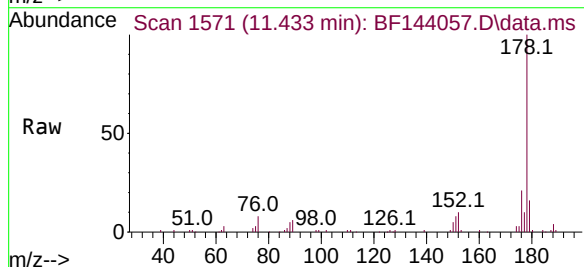
Tgt Ion:178 Resp: 57785

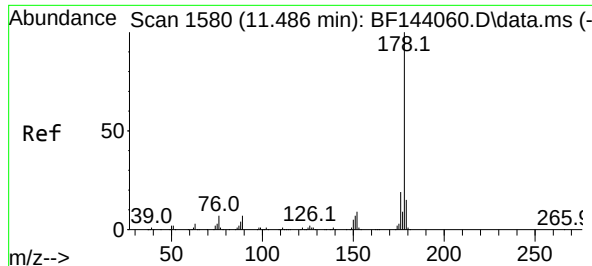
Ion Ratio Lower Upper

178 100

176 21.2 16.3 24.5

179 16.0 12.6 18.8

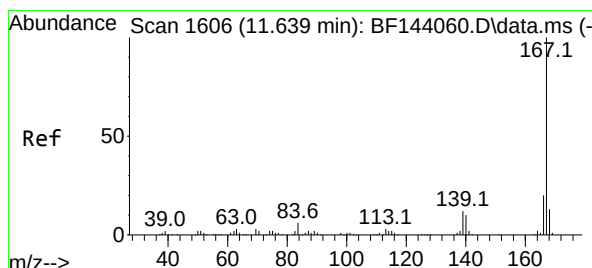
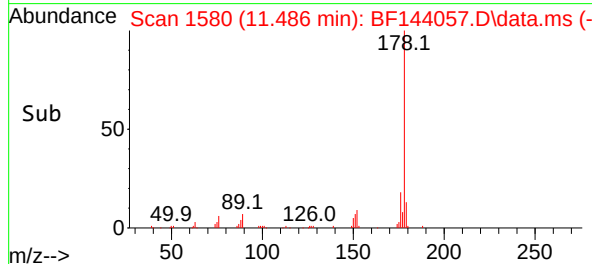
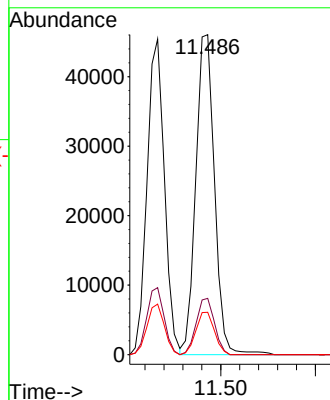
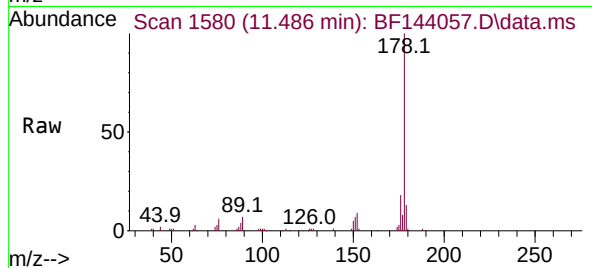




#72
Anthracene
Concen: 5.704 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

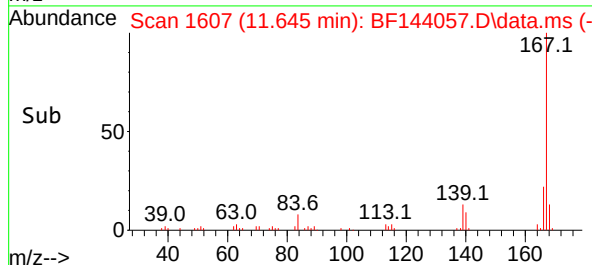
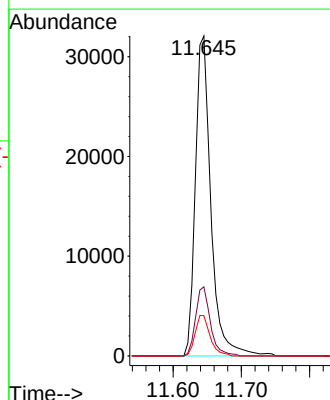
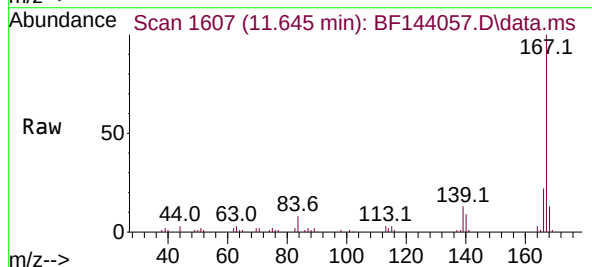
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

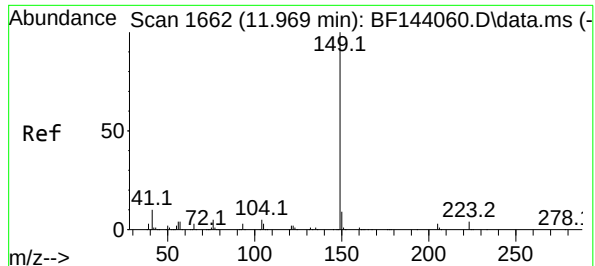
Tgt Ion:178 Resp: 63077
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.4
179 13.2 11.8 17.6



#73
Carbazole
Concen: 5.399 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:167 Resp: 50818
Ion Ratio Lower Upper
167 100
166 21.6 16.1 24.1
139 12.6 9.8 14.6

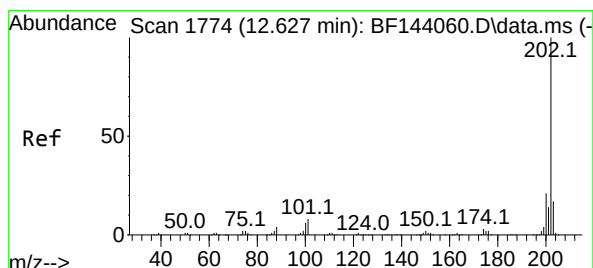
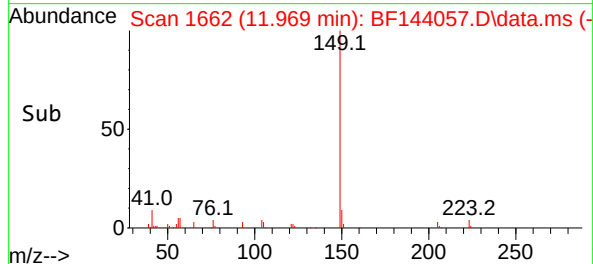
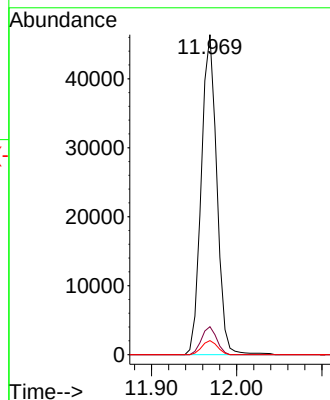
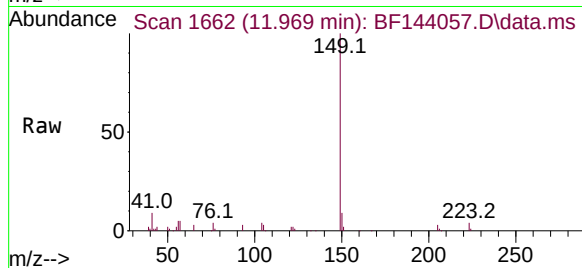




#74
Di-n-butylphthalate
Concen: 5.088 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

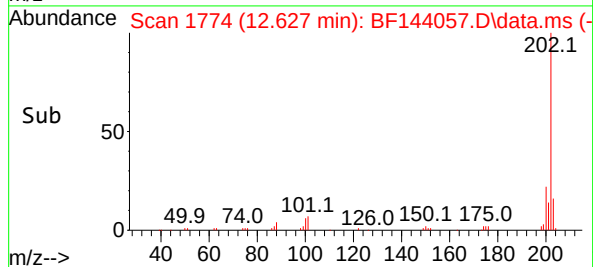
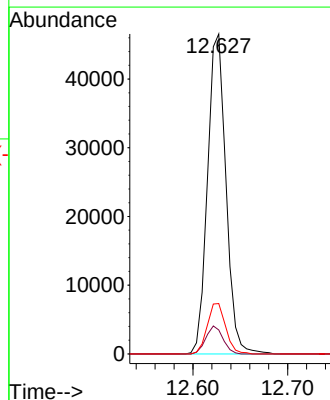
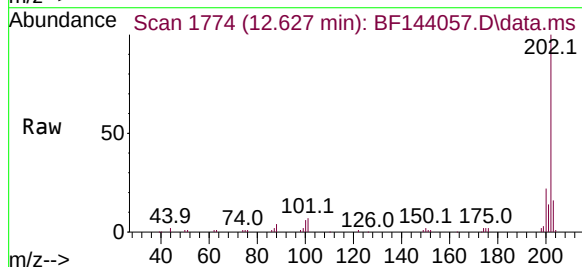
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

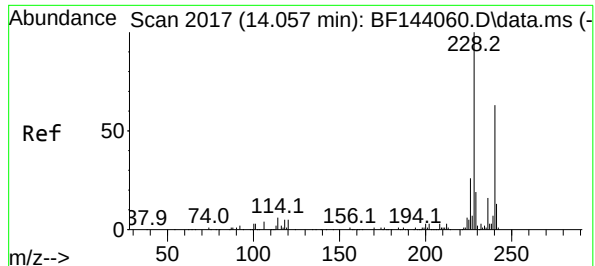
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.3	10.9
104	4.4	3.6	5.4



#75
Fluoranthene
Concen: 5.333 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.7
203	15.7	0.0	37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

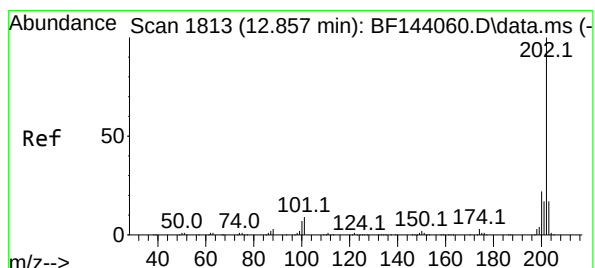
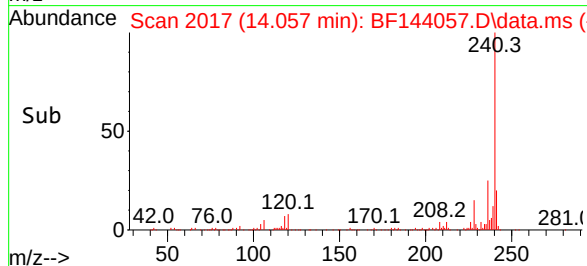
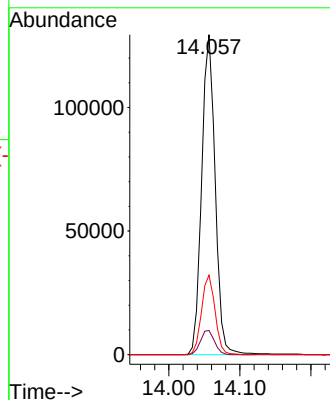
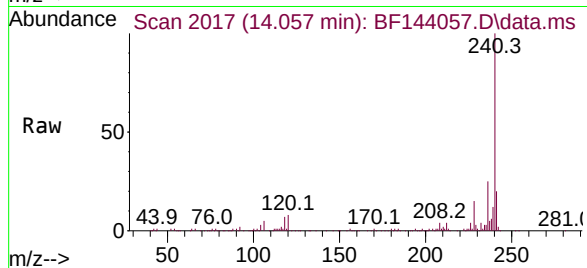
Tgt Ion:240 Resp: 170453

Ion Ratio Lower Upper

240 100

120 7.5 6.5 9.7

236 24.8 20.1 30.1



#78

Pyrene

Concen: 5.573 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

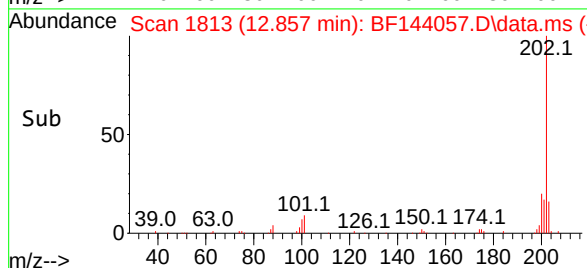
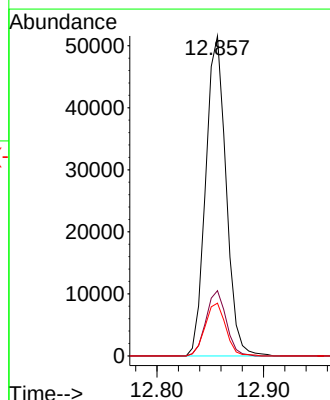
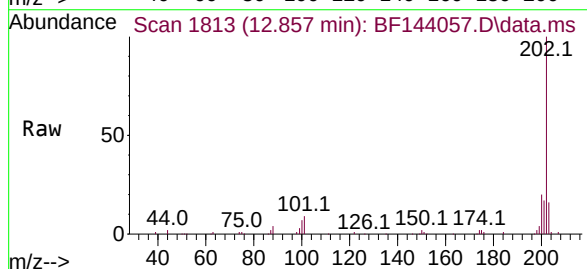
Tgt Ion:202 Resp: 68289

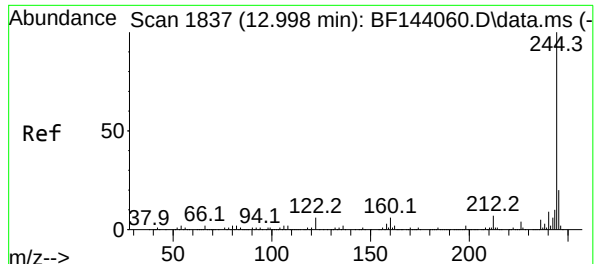
Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 16.5 13.5 20.3





#79

Terphenyl-d14

Concen: 11.189 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

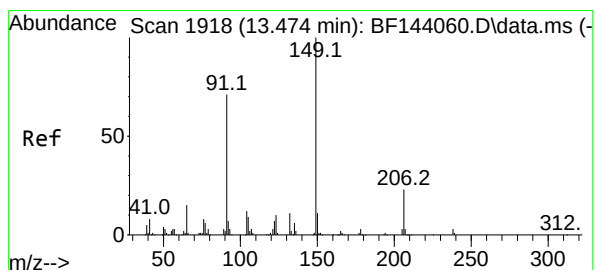
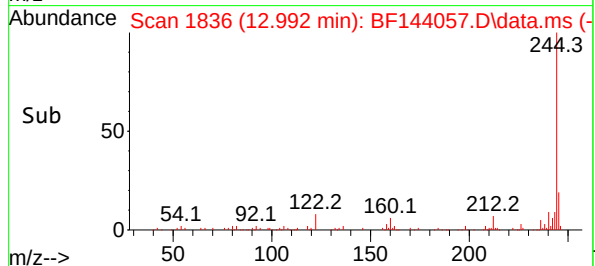
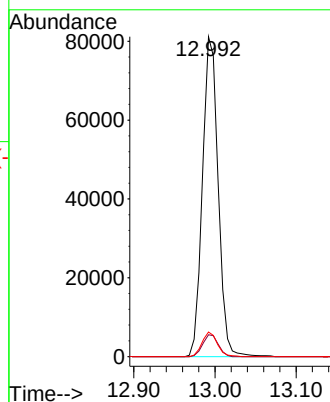
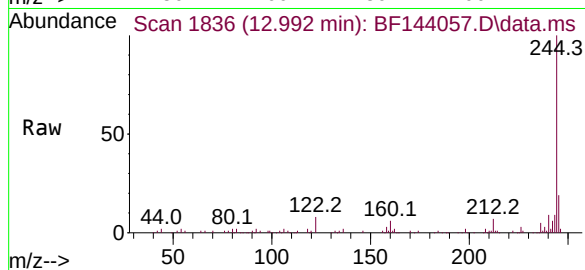
Tgt Ion:244 Resp: 109089

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 7.7 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 4.669 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

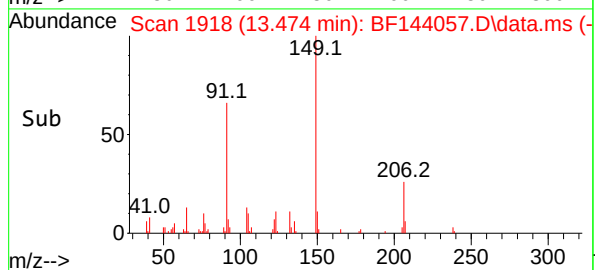
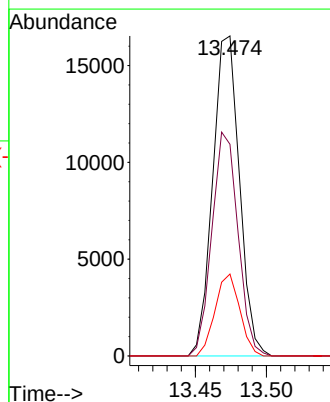
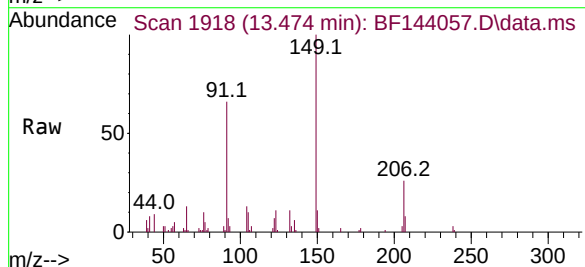
Tgt Ion:149 Resp: 21644

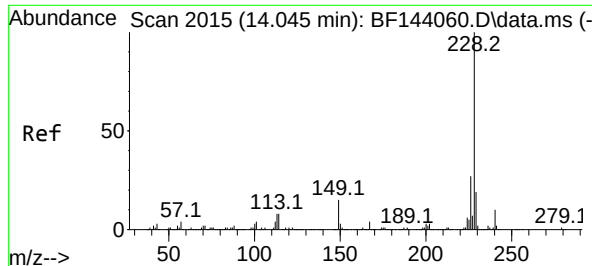
Ion Ratio Lower Upper

149 100

91 66.1 56.6 84.8

206 25.6 18.3 27.5

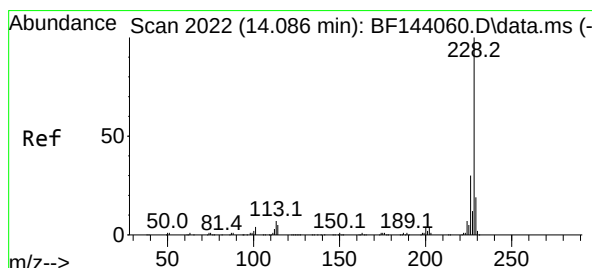
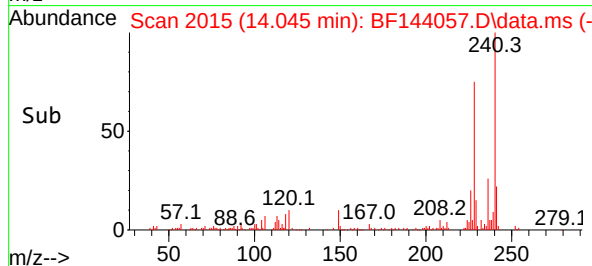
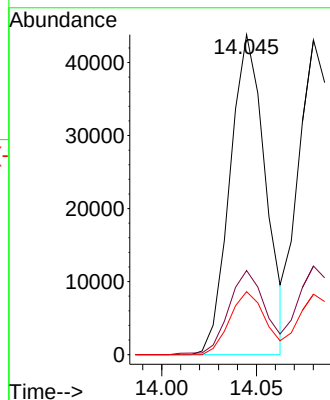
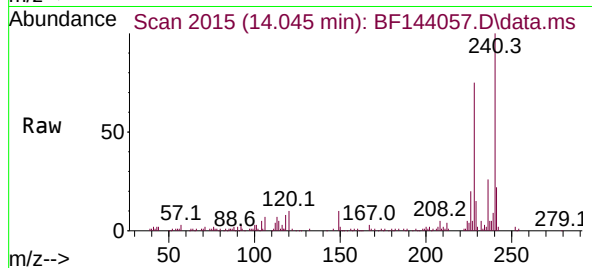




#81
Benzo(a)anthracene
Concen: 4.960 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

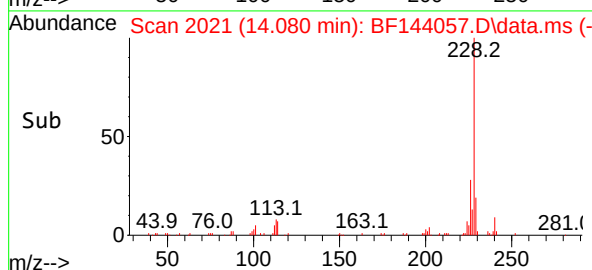
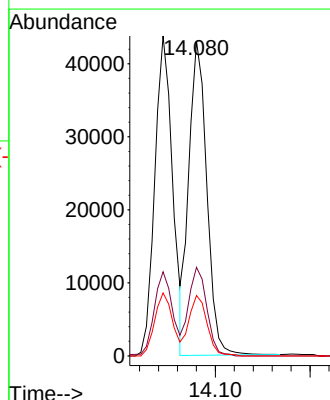
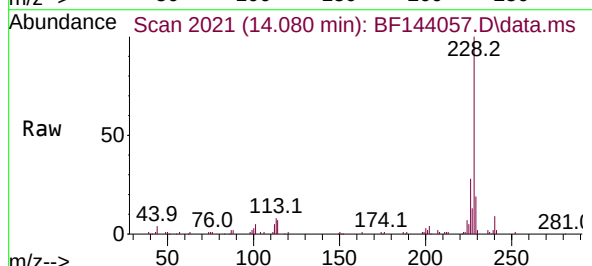
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

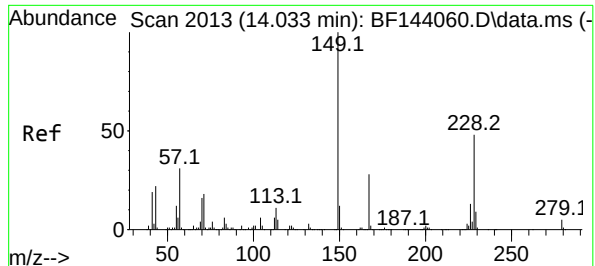
Tgt Ion:228 Resp: 57138
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.7 15.3 22.9



#83
Chrysene
Concen: 5.245 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:228 Resp: 56694
Ion Ratio Lower Upper
228 100
226 28.2 23.8 35.6
229 19.2 15.6 23.4

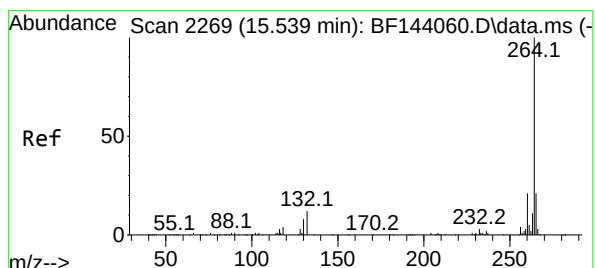
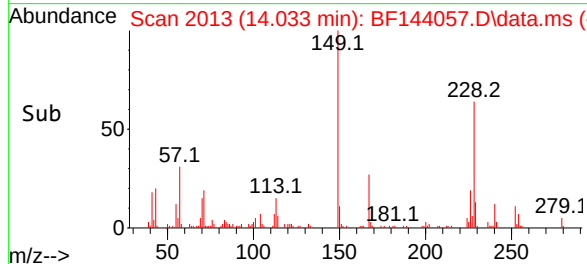
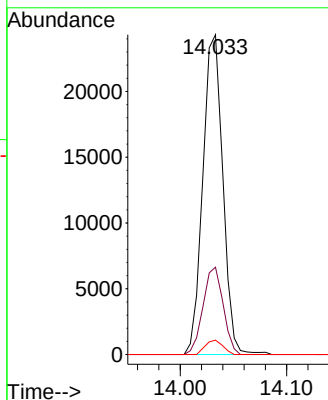
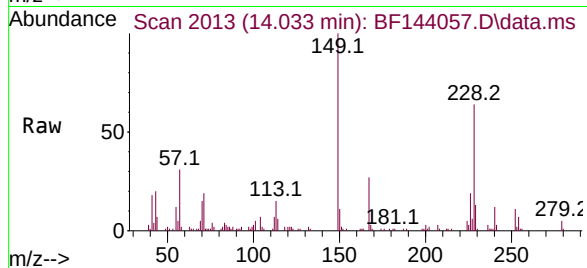




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.013 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

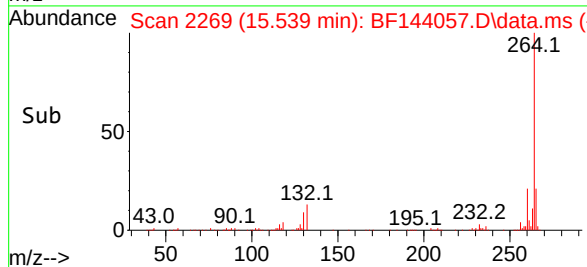
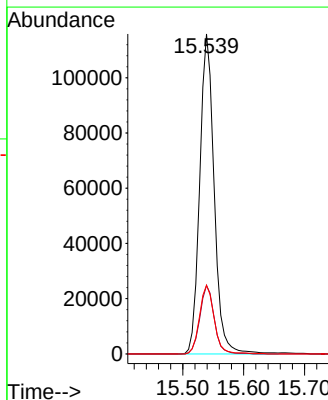
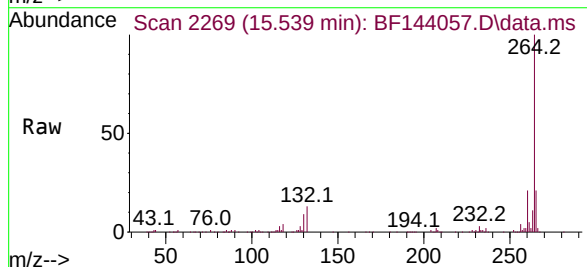
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

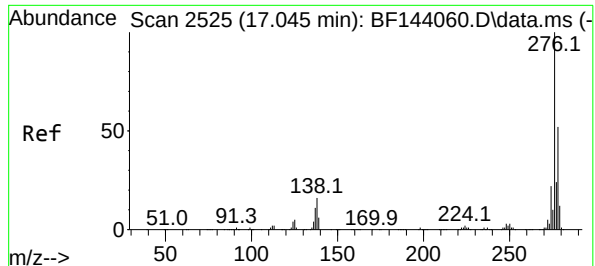
Tgt Ion:149 Resp: 31727
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 4.5 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:264 Resp: 190551
Ion Ratio Lower Upper
264 100
260 21.4 17.0 25.4
265 21.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.918 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

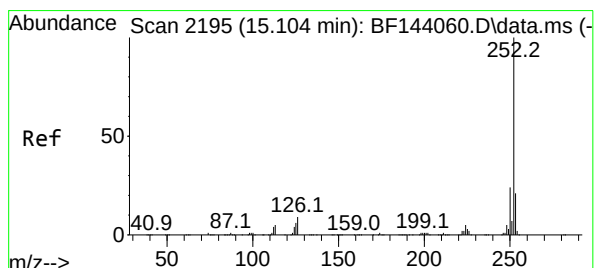
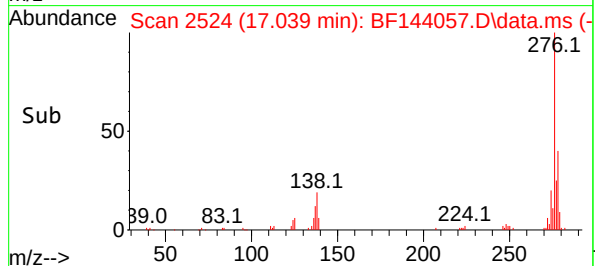
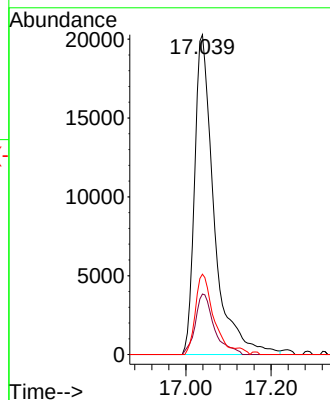
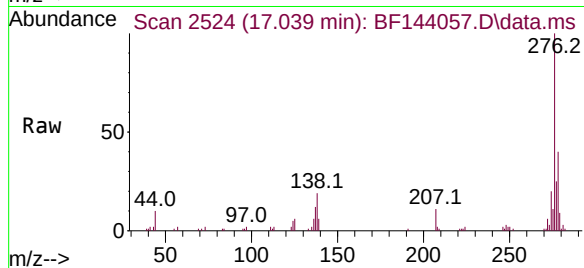
Tgt Ion:276 Resp: 64345

Ion Ratio Lower Upper

276 100

138 18.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 5.014 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

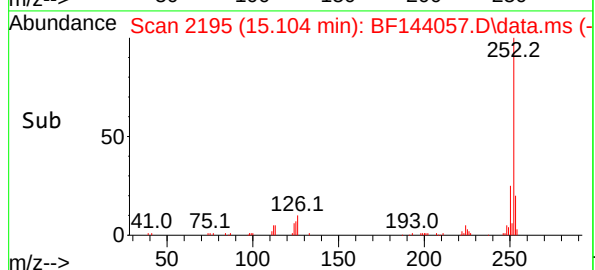
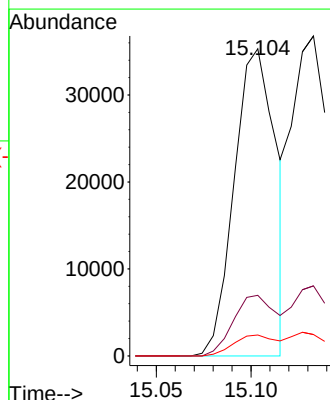
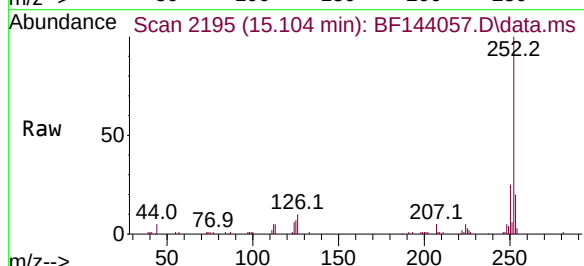
Tgt Ion:252 Resp: 54015

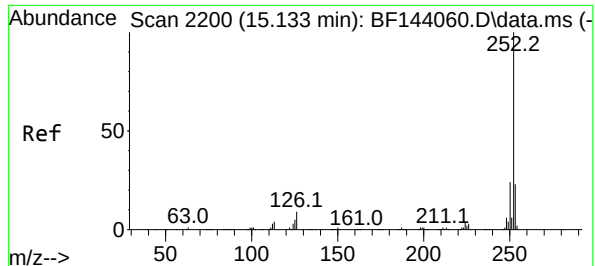
Ion Ratio Lower Upper

252 100

253 19.7 17.2 25.8

125 6.8 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 5.782 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

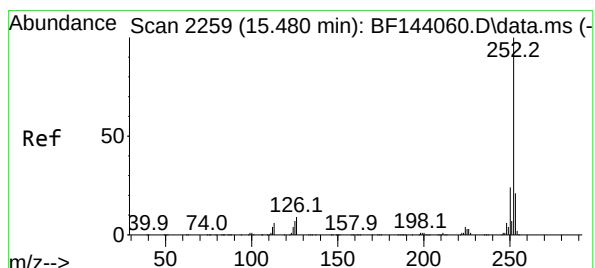
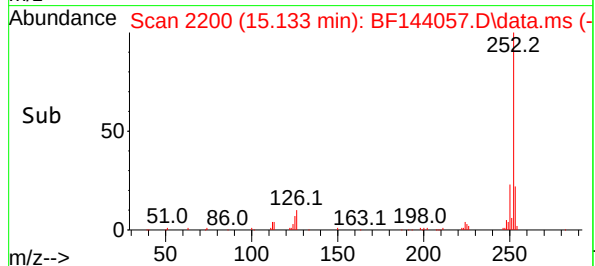
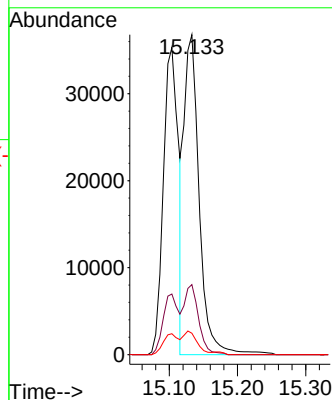
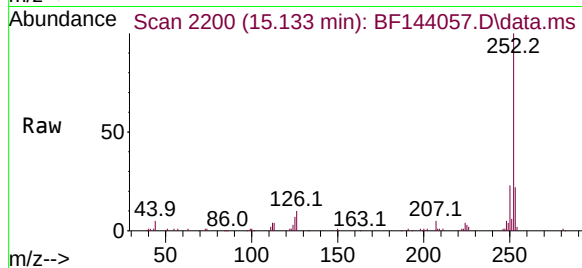
Tgt Ion:252 Resp: 57466

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 6.7 4.9 7.3



#90

Benzo(a)pyrene

Concen: 5.173 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

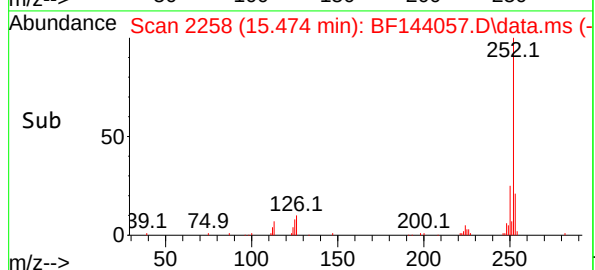
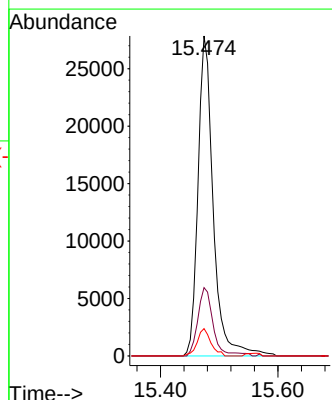
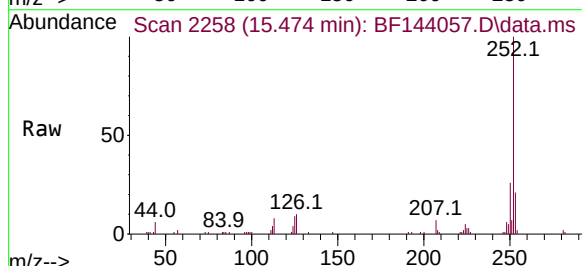
Tgt Ion:252 Resp: 49993

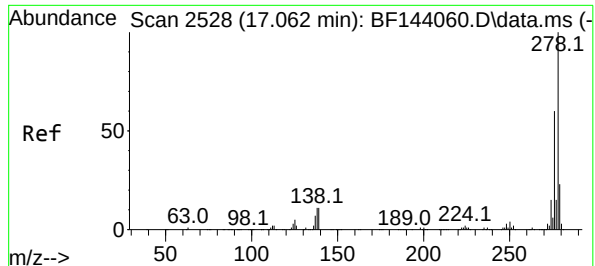
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 8.5 5.4 8.2#





#91

Dibenzo(a,h)anthracene

Concen: 4.865 ng

RT: 17.056 min Scan# 2527

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

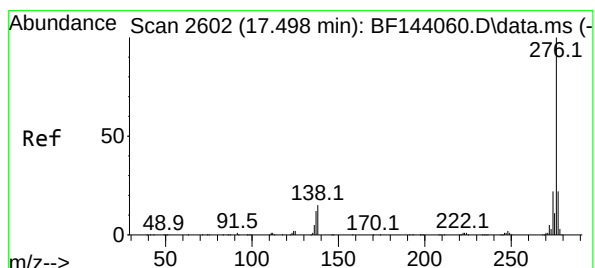
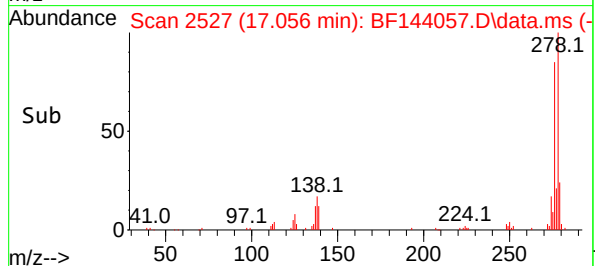
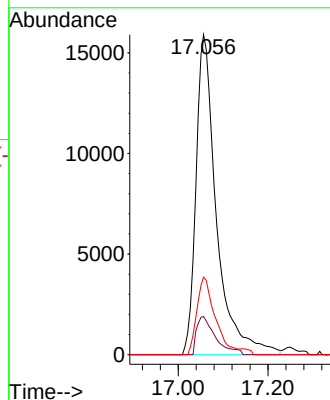
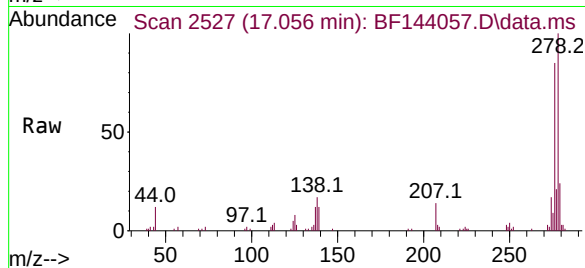
Tgt Ion:278 Resp: 50377

Ion Ratio Lower Upper

278 100

139 11.9 8.5 12.7

279 24.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 4.807 ng

RT: 17.486 min Scan# 2600

Delta R.T. -0.012 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

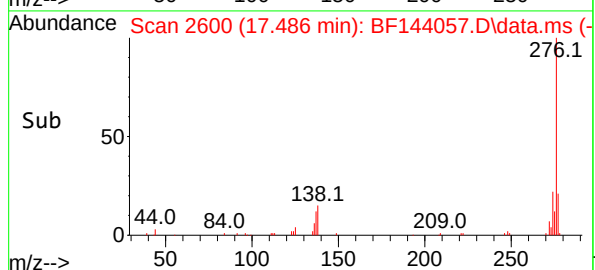
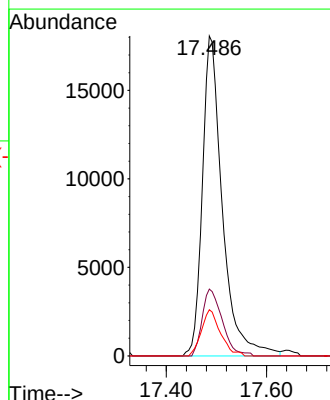
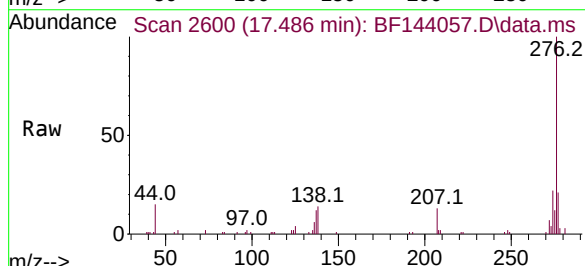
Tgt Ion:276 Resp: 50046

Ion Ratio Lower Upper

276 100

277 20.9 17.9 26.9

138 14.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144058.D
 Acq On : 24 Oct 2025 11:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	93506	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	345633	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	181955	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	301308	20.000	ng	0.00
76) Chrysene-d12	14.057	240	243705	20.000	ng	0.00
86) Perylene-d12	15.539	264	290045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	123660	20.923	ng	0.00
7) Phenol-d6	6.498	99	134938	20.673	ng	0.00
23) Nitrobenzene-d5	7.440	82	130813	20.735	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	45367	19.574	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	273504	21.152	ng	0.00
79) Terphenyl-d14	12.992	244	276477	19.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	23088	9.040	ng	96
3) Pyridine	3.410	79	64703	9.463	ng	95
4) n-Nitrosodimethylamine	3.340	42	37657	8.963	ng	98
6) Aniline	6.540	93	100630	10.776	ng	97
8) 2-Chlorophenol	6.663	128	61265	10.526	ng	96
9) Benzaldehyde	6.428	77	51089	10.081	ng	99
10) Phenol	6.516	94	86962	10.799	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	59764	10.271	ng	99
12) 1,3-Dichlorobenzene	6.816	146	73976	10.303	ng	99
13) 1,4-Dichlorobenzene	6.898	146	73246	10.352	ng	96
14) 1,2-Dichlorobenzene	7.045	146	72385	10.573	ng	97
15) Benzyl Alcohol	7.016	79	52766	9.942	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	113682	10.395	ng	98
17) 2-Methylphenol	7.128	107	47217	10.548	ng	93
18) Hexachloroethane	7.393	117	25444	10.058	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	45435	10.764	ng	92
20) 3+4-Methylphenols	7.281	107	59370	11.219	ng	# 82
22) Acetophenone	7.287	105	79330	10.620	ng	91
24) Nitrobenzene	7.457	77	66345	9.941	ng	95
25) Isophorone	7.692	82	114333	10.366	ng	99
26) 2-Nitrophenol	7.775	139	31721	9.992	ng	98
27) 2,4-Dimethylphenol	7.810	122	48192	10.215	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	70437	10.241	ng	96
29) 2,4-Dichlorophenol	8.016	162	59570	10.858	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	58514	10.367	ng	99
31) Naphthalene	8.181	128	173217	10.618	ng	99
32) Benzoic acid	7.904	122	37467	12.520	ng	# 81
33) 4-Chloroaniline	8.234	127	61541	10.837	ng	96
34) Hexachlorobutadiene	8.298	225	47643	10.323	ng	96
35) Caprolactam	8.575	113	13454	9.779	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	50000	10.327	ng	95
37) 2-Methylnaphthalene	8.875	142	113005	10.507	ng	98
38) 1-Methylnaphthalene	8.975	142	108437	10.642	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	64302	10.283	ng	99
41) Hexachlorocyclopentadiene	9.028	237	13467	6.972	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	40647	10.000	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144058.D
 Acq On : 24 Oct 2025 11:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

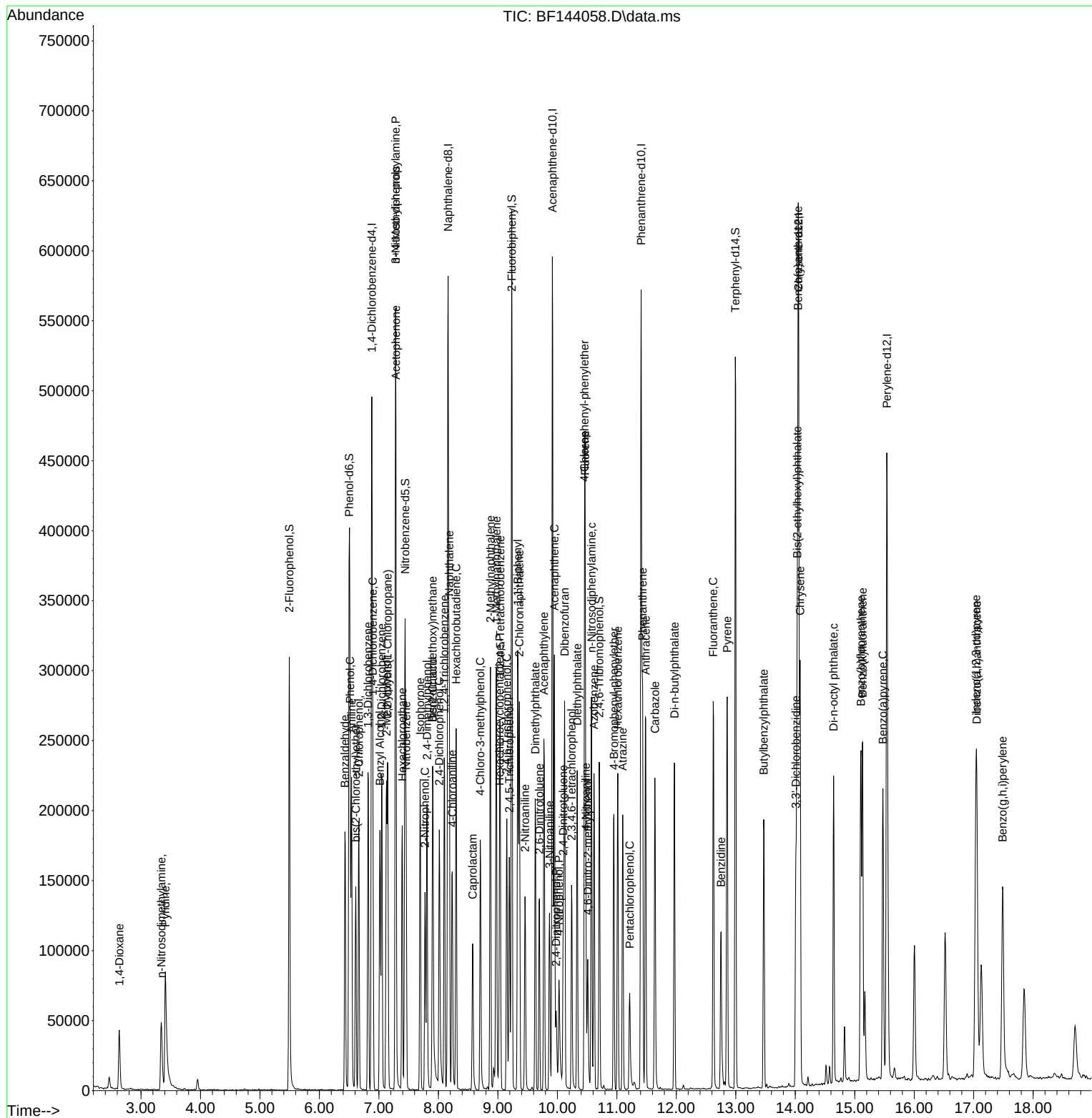
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	44114	10.341	ng	96
46) 1,1'-Biphenyl	9.334	154	139423	10.704	ng	99
47) 2-Chloronaphthalene	9.363	162	115014	10.540	ng	94
48) 2-Nitroaniline	9.457	65	32649	10.076	ng	99
49) Acenaphthylene	9.775	152	154058	10.470	ng	99
50) Dimethylphthalate	9.628	163	120856	10.133	ng	99
51) 2,6-Dinitrotoluene	9.698	165	23341	9.899	ng	93
52) Acenaphthene	9.951	154	104855	10.671	ng	99
53) 3-Nitroaniline	9.869	138	26729	10.196	ng	97
54) 2,4-Dinitrophenol	9.981	184	14660	11.496	ng	91
55) Dibenzofuran	10.122	168	142976	10.481	ng	98
56) 4-Nitrophenol	10.028	139	20383	11.482	ng	94
57) 2,4-Dinitrotoluene	10.098	165	31163	9.793	ng	96
58) Fluorene	10.469	166	106355	10.232	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	28893	9.612	ng	99
60) Diethylphthalate	10.334	149	115029	10.256	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	60704	10.385	ng	97
62) 4-Nitroaniline	10.481	138	24222	9.752	ng	98
63) Azobenzene	10.616	77	107163	10.095	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	20093	10.394	ng	95
66) n-Nitrosodiphenylamine	10.575	169	100334	10.422	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	38639	10.242	ng	99
68) Hexachlorobenzene	11.016	284	50850	10.990	ng	96
69) Atrazine	11.098	200	33605	10.638	ng	99
70) Pentachlorophenol	11.216	266	18468	8.386	ng	97
71) Phenanthrene	11.433	178	156663	10.467	ng	96
72) Anthracene	11.486	178	162203	10.491	ng	100
73) Carbazole	11.639	167	138634	10.534	ng	99
74) Di-n-butylphthalate	11.969	149	164302	10.183	ng	100
75) Fluoranthene	12.622	202	173397	10.486	ng	98
77) Benzidine	12.751	184	83945	11.068	ng	99
78) Pyrene	12.857	202	178638	10.196	ng	99
80) Butylbenzylphthalate	13.469	149	66048	9.964	ng	97
81) Benzo(a)anthracene	14.045	228	161042	9.778	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	57120	9.963	ng	97
83) Chrysene	14.080	228	153845	9.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	88365	9.765	ng	99
85) Di-n-octyl phthalate	14.645	149	149635	9.616	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	193064	9.695	ng	99
88) Benzo(b)fluoranthene	15.104	252	160748	9.803	ng	100
89) Benzo(k)fluoranthene	15.133	252	156128	10.320	ng	100
90) Benzo(a)pyrene	15.474	252	143530	9.757	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	153941	9.766	ng	98
92) Benzo(g,h,i)perylene	17.486	276	152368	9.614	ng	98

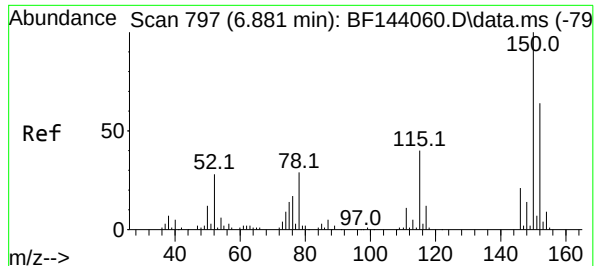
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144058.D
 Acq On : 24 Oct 2025 11:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

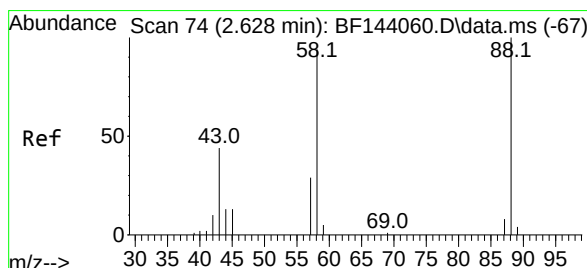
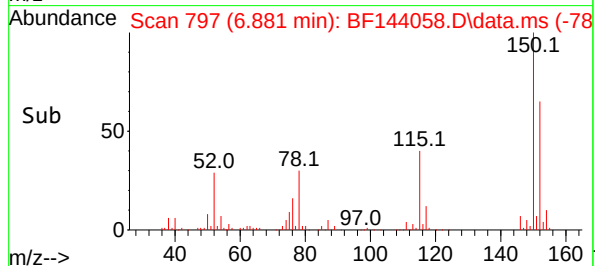
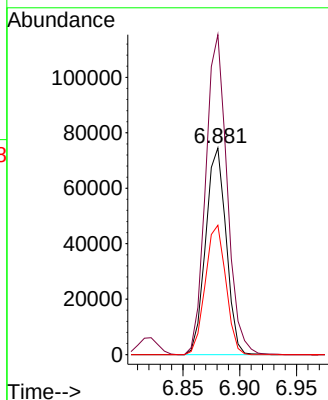
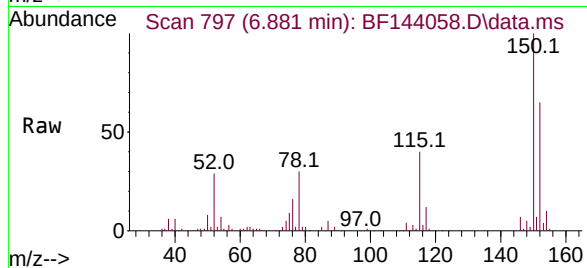




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

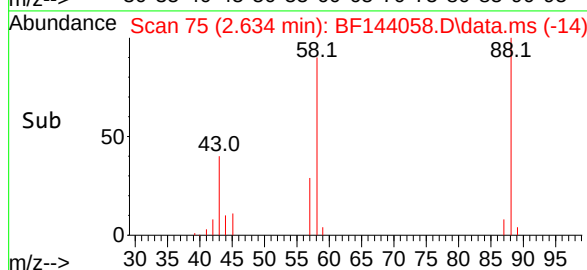
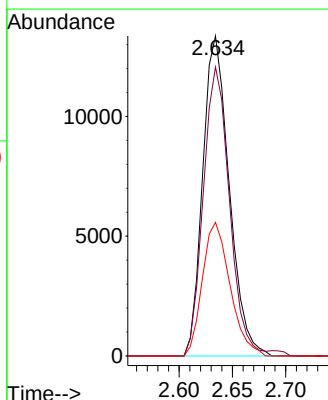
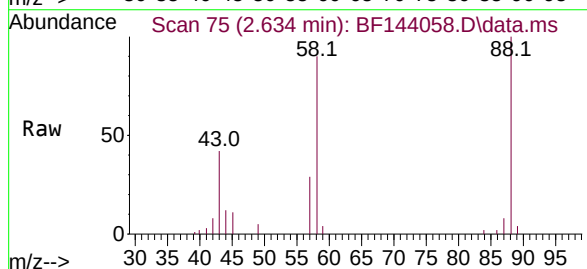
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

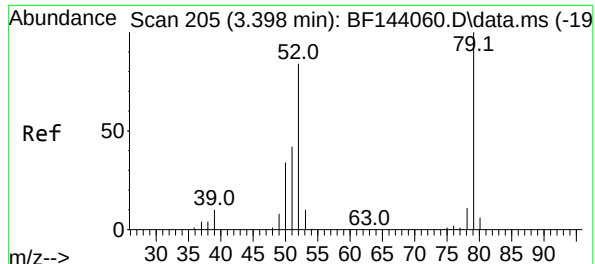
Tgt Ion:152 Resp: 93506
Ion Ratio Lower Upper
152 100
150 154.9 124.4 186.6
115 62.6 49.4 74.0



#2
1,4-Dioxane
Concen: 9.040 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 88 Resp: 23088
Ion Ratio Lower Upper
88 100
58 89.8 76.5 114.7
43 43.6 35.3 52.9

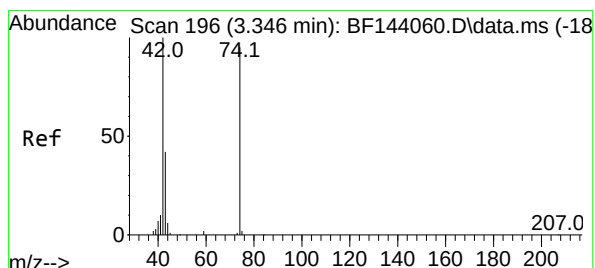
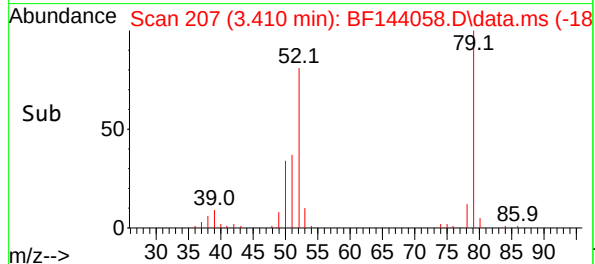
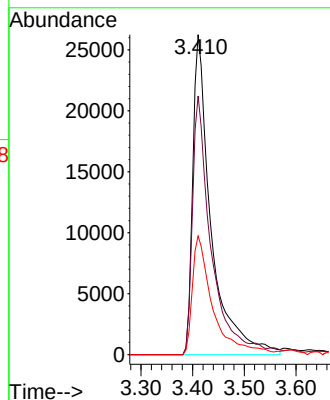
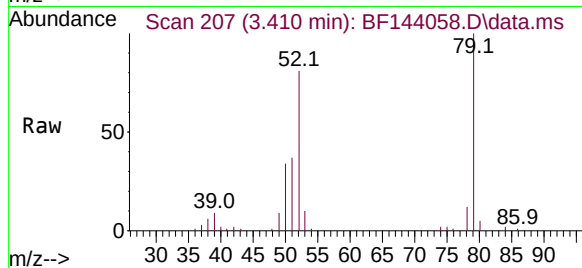




#3
Pyridine
Concen: 9.463 ng
RT: 3.410 min Scan# 205
Delta R.T. 0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

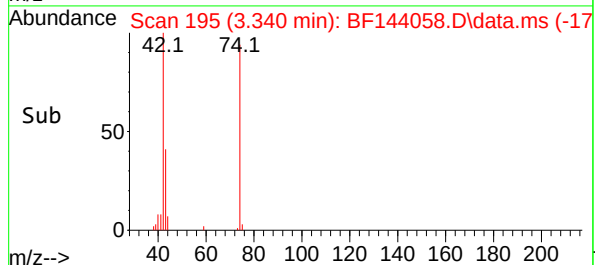
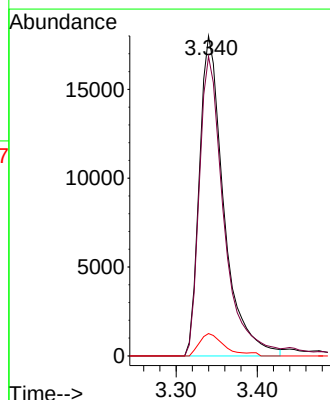
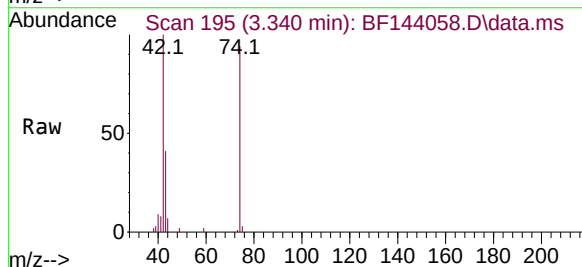
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

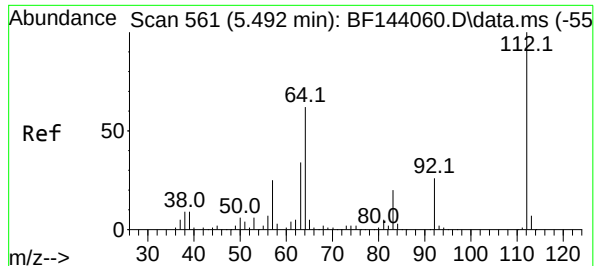
Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.8	67.5	101.3
51	37.1	33.6	50.4



#4
n-Nitrosodimethylamine
Concen: 8.963 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	93.6	76.4	114.6
44	7.0	5.2	7.8

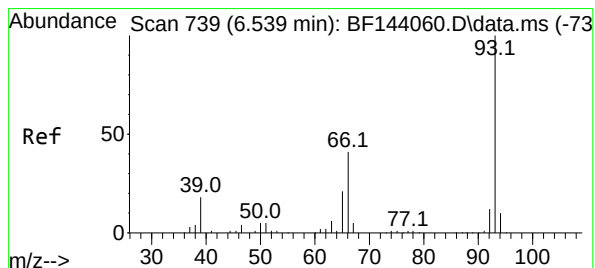
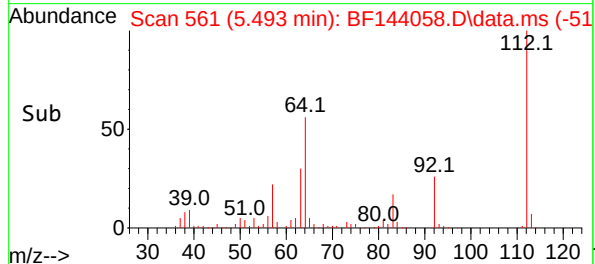
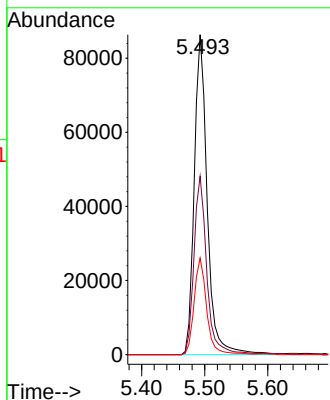
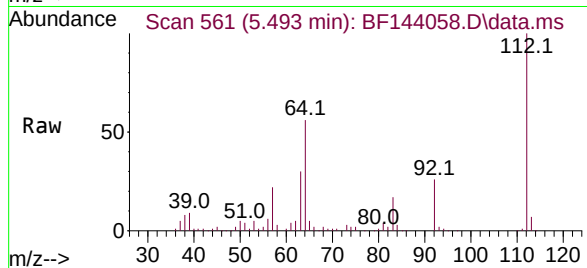




#5
2-Fluorophenol
Concen: 20.923 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

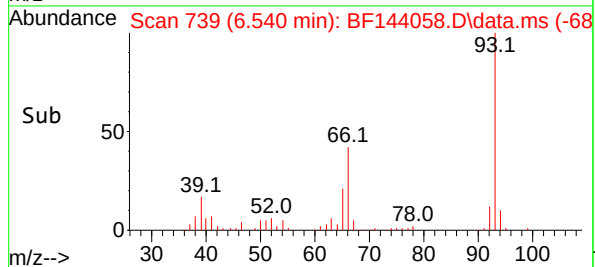
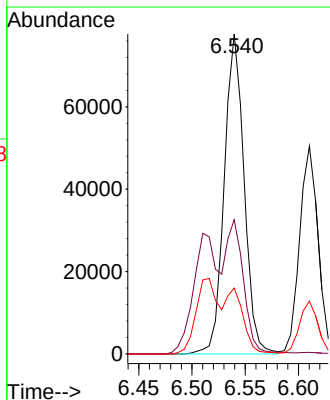
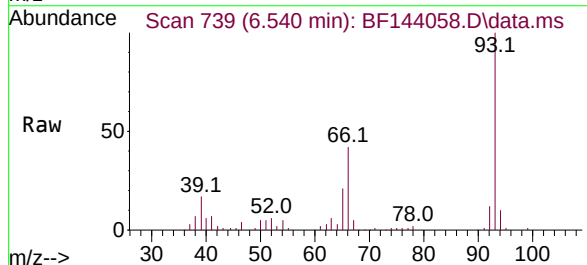
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

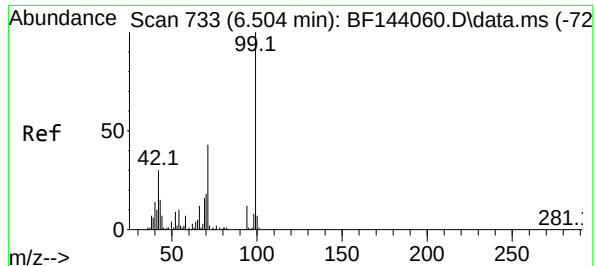
Tgt Ion:112 Resp: 123660
Ion Ratio Lower Upper
112 100
64 55.8 49.8 74.8
63 30.2 27.4 41.2



#6
Aniline
Concen: 10.776 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 93 Resp: 100630
Ion Ratio Lower Upper
93 100
66 41.9 35.7 53.5
65 20.6 17.0 25.6





#7

Phenol-d6

Concen: 20.673 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

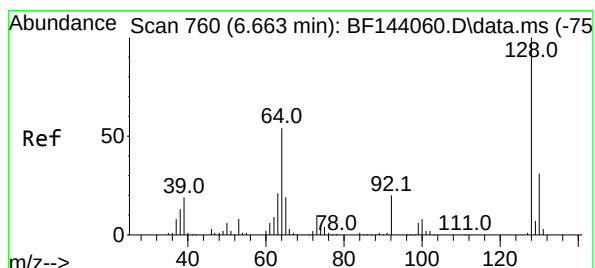
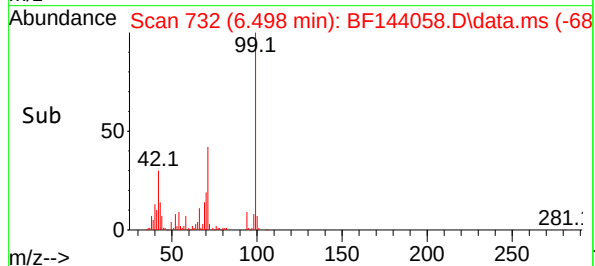
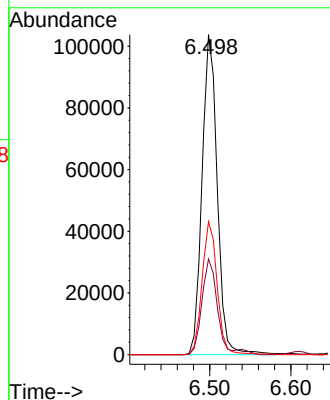
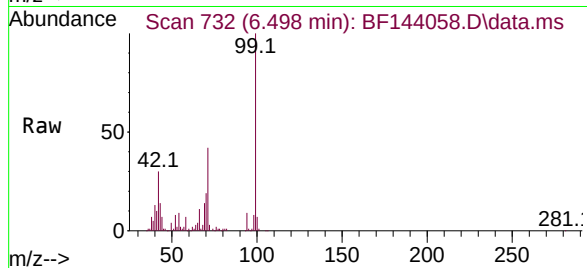
Tgt Ion: 99 Resp: 134938

Ion Ratio Lower Upper

99 100

42 29.9 23.9 35.9

71 41.6 34.4 51.6



#8

2-Chlorophenol

Concen: 10.526 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

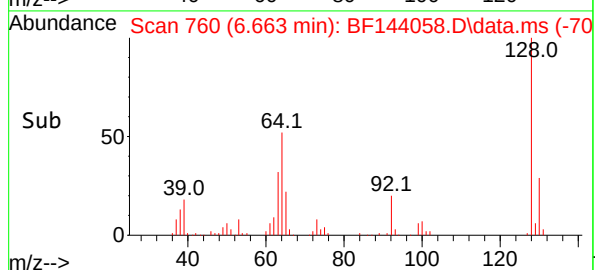
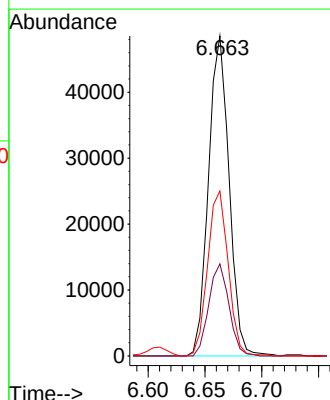
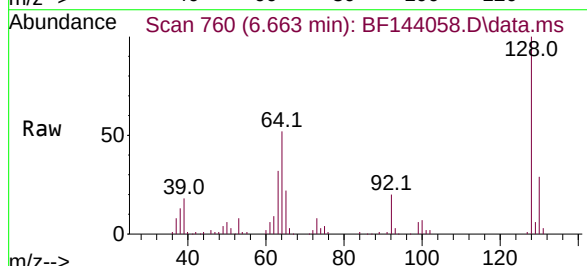
Tgt Ion: 128 Resp: 61265

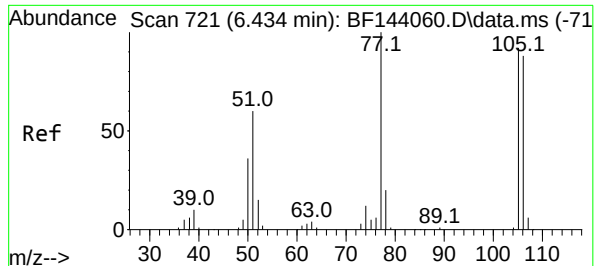
Ion Ratio Lower Upper

128 100

130 28.8 10.7 50.7

64 51.5 34.7 74.7



#9
Benzaldehyde

Concen: 10.081 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

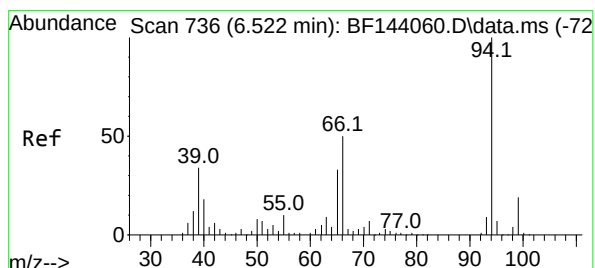
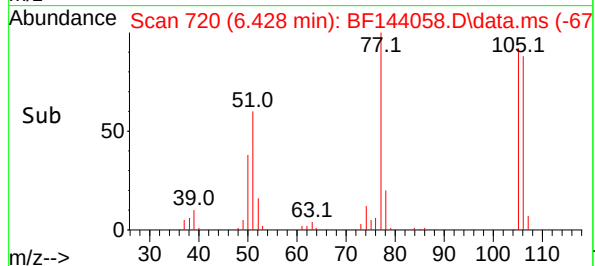
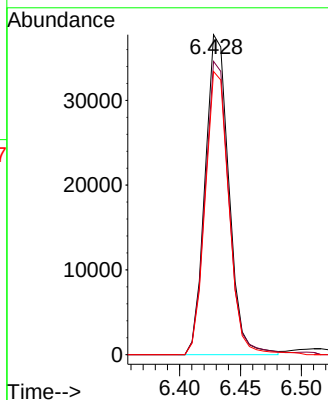
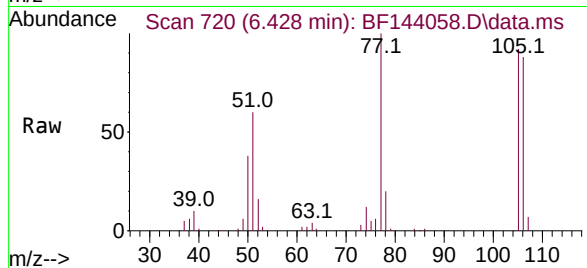
Tgt Ion: 77 Resp: 51089

Ion Ratio Lower Upper

77 100

105 91.6 72.2 112.2

106 88.5 67.9 107.9



#10

Phenol

Concen: 10.799 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

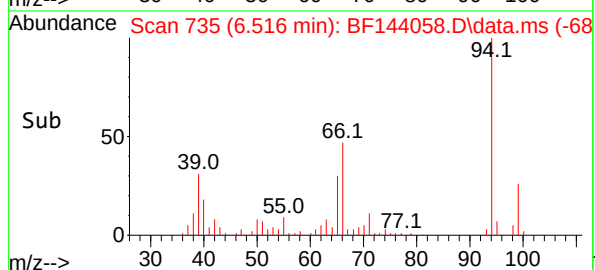
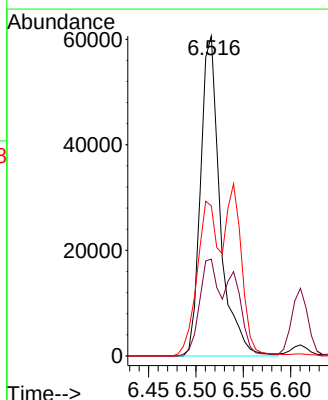
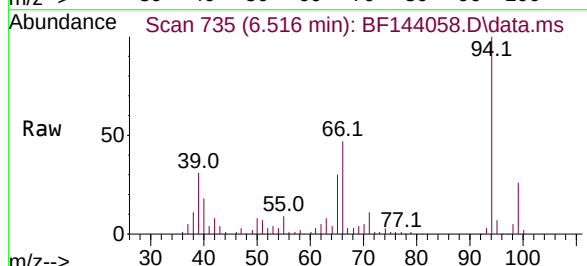
Tgt Ion: 94 Resp: 86962

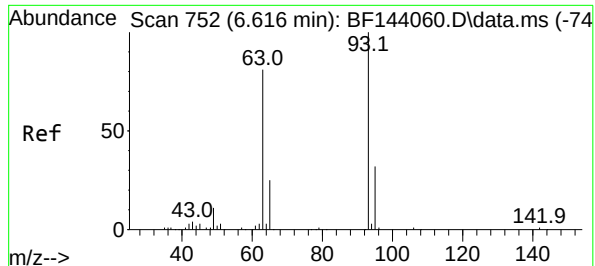
Ion Ratio Lower Upper

94 100

65 30.2 13.1 53.1

66 46.9 30.6 70.6

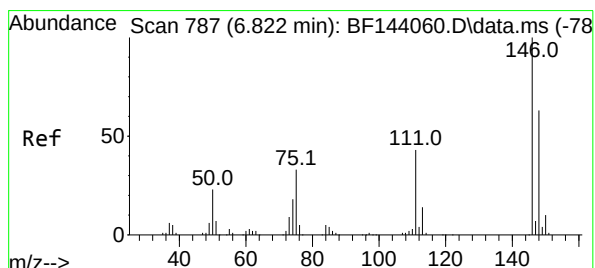
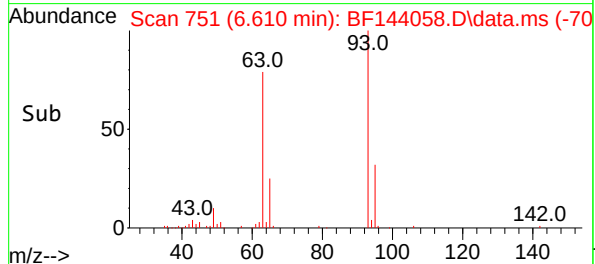
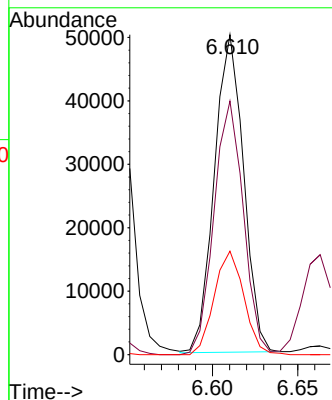
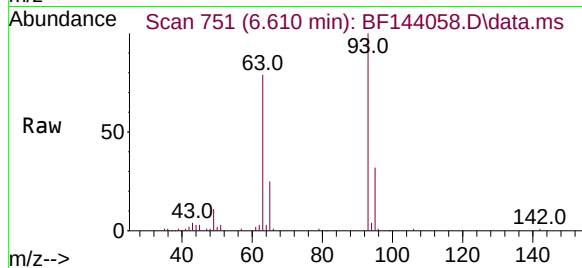




#11
bis(2-Chloroethyl)ether
Concen: 10.271 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

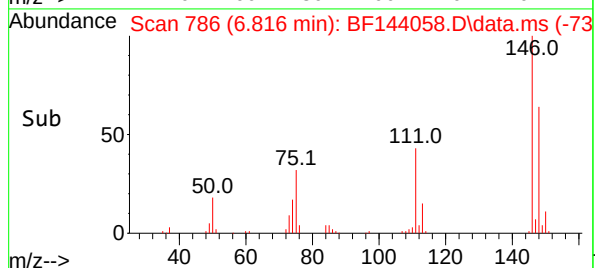
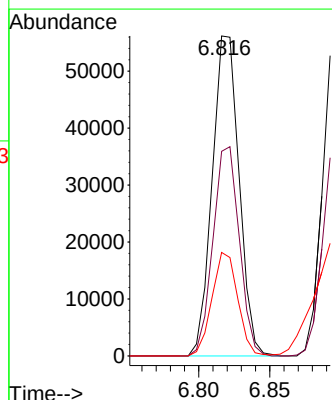
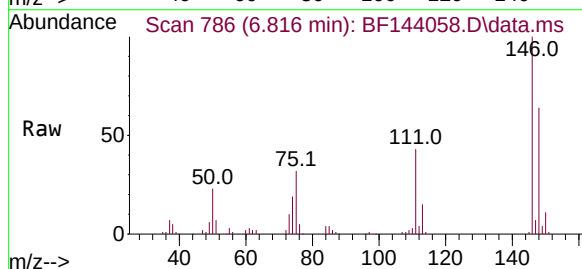
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

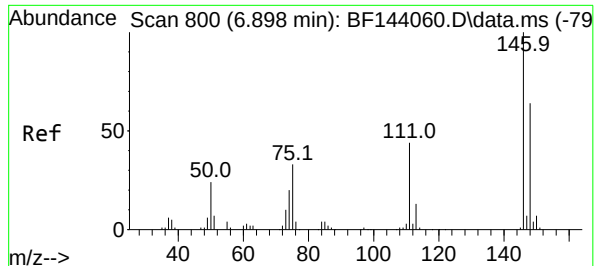
Tgt Ion: 93	Resp: 59764
Ion Ratio	Lower Upper
93 100	
63 79.2	60.2 100.2
95 32.3	12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 10.303 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 146	Resp: 73976
Ion Ratio	Lower Upper
146 100	
148 63.9	50.6 75.8
75 32.3	26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 10.352 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

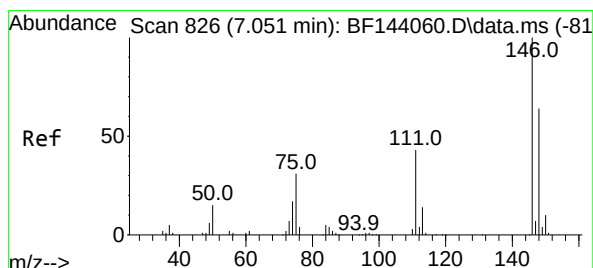
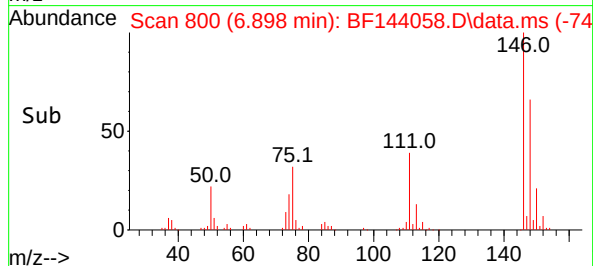
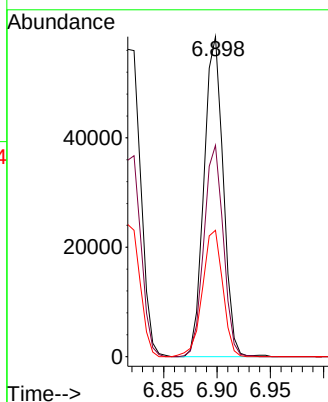
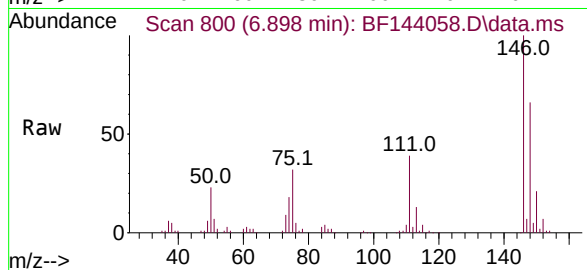
Tgt Ion:146 Resp: 73246

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

111 39.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 10.573 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

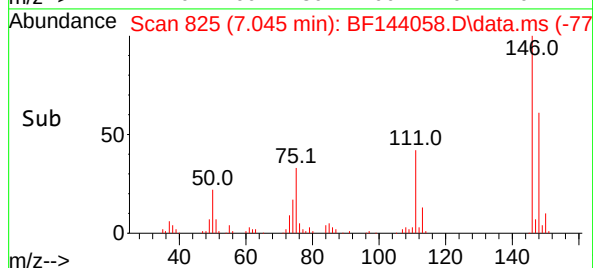
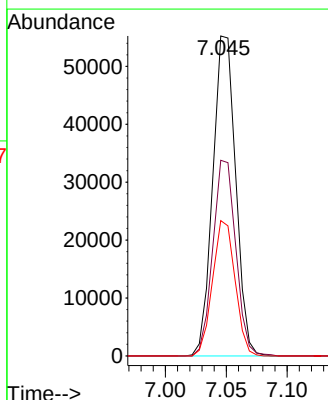
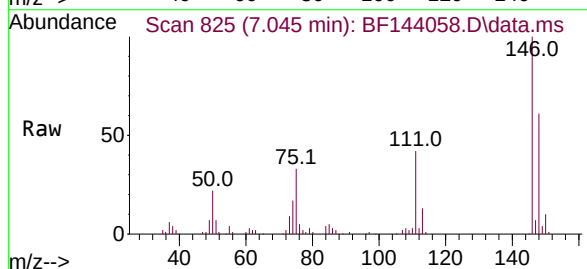
Tgt Ion:146 Resp: 72385

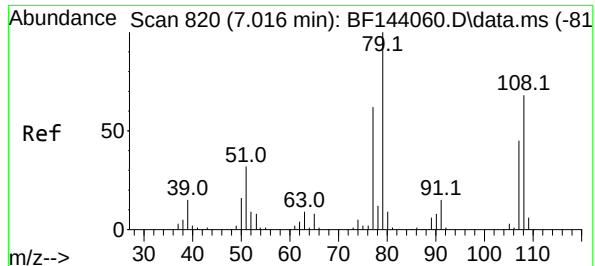
Ion Ratio Lower Upper

146 100

148 61.1 50.8 76.2

111 42.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 9.942 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

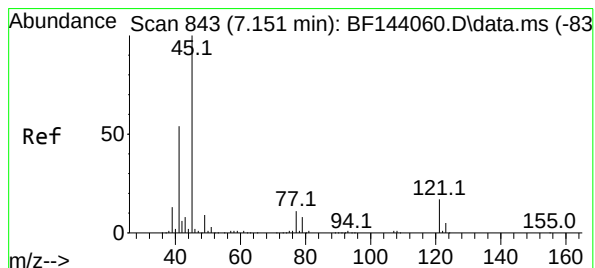
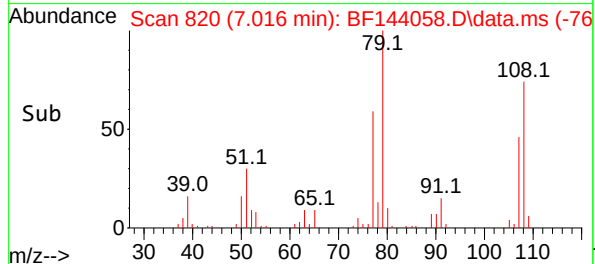
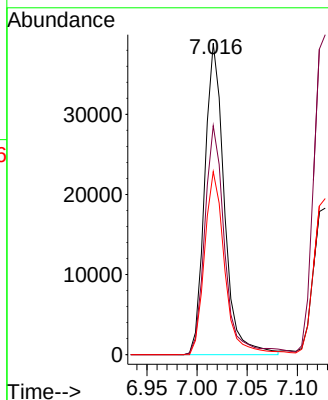
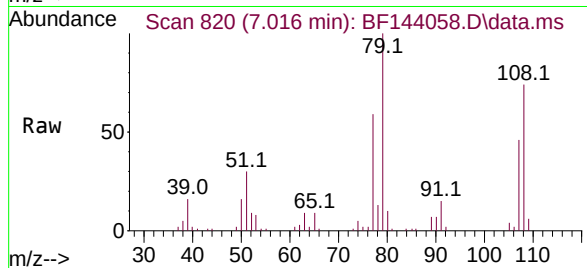
Tgt Ion: 79 Resp: 52766

Ion Ratio Lower Upper

79 100

108 73.5 54.8 82.2

77 58.8 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.395 ng

RT: 7.145 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

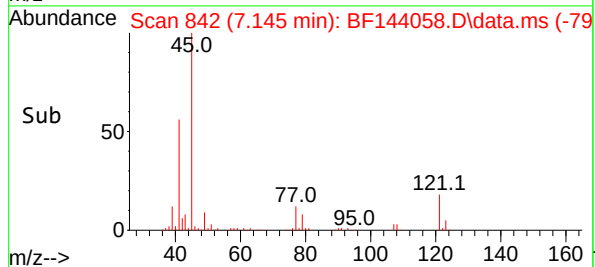
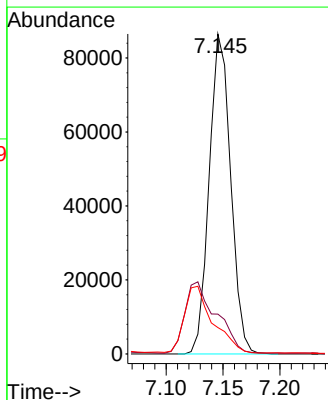
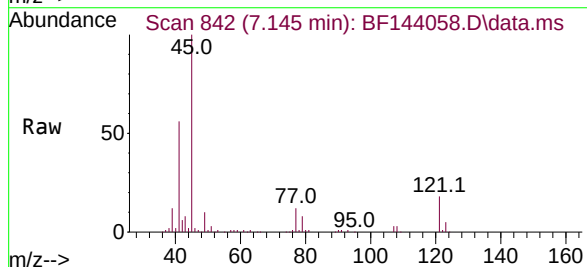
Tgt Ion: 45 Resp: 113682

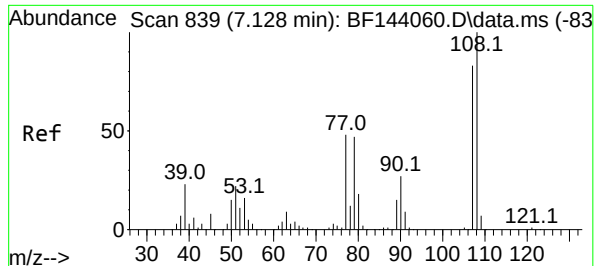
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.9

79 8.2 0.0 28.2

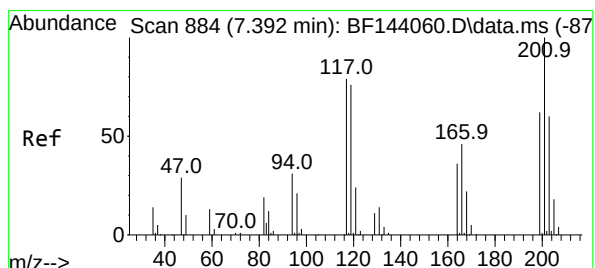
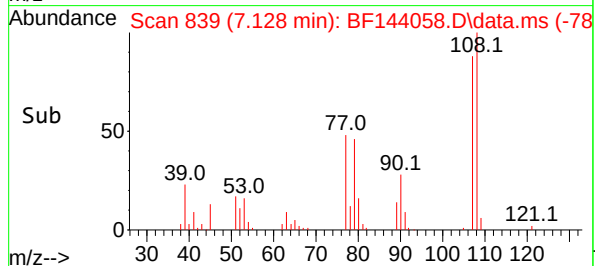
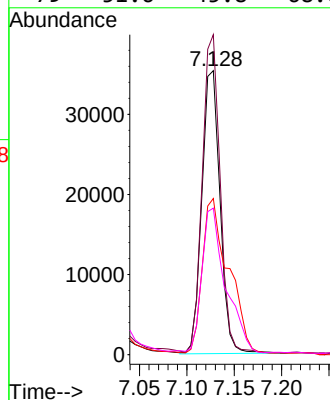
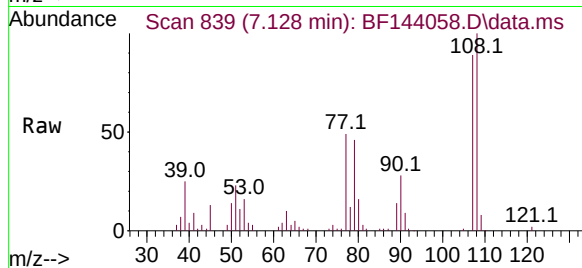




#17
2-Methylphenol
Concen: 10.548 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

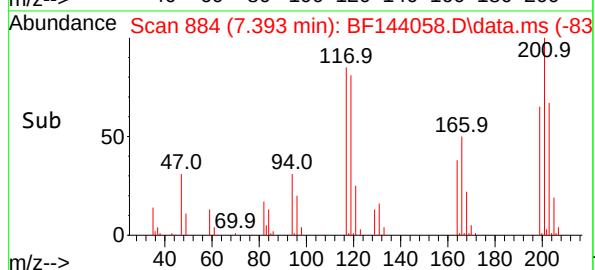
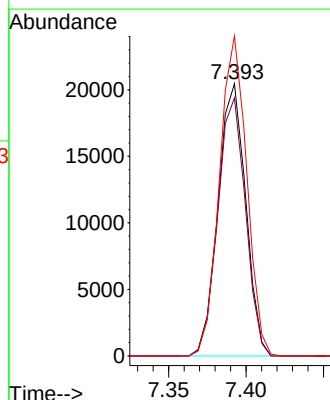
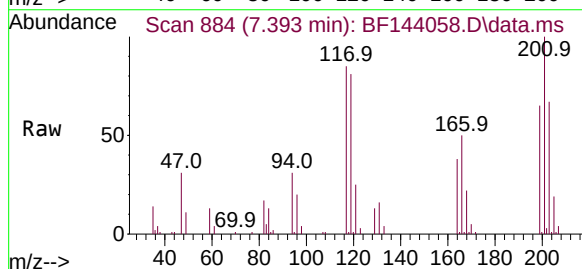
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

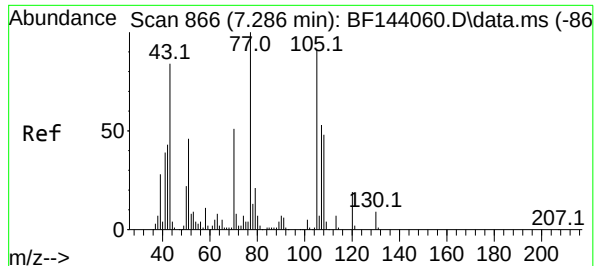
Tgt Ion:	107	Resp:	47217
Ion	Ratio	Lower	Upper
107	100		
108	112.7	96.4	144.6
77	55.0	46.8	70.2
79	51.6	45.8	68.6



#18
Hexachloroethane
Concen: 10.058 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:	117	Resp:	25444
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	117.6	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.764 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144058.D

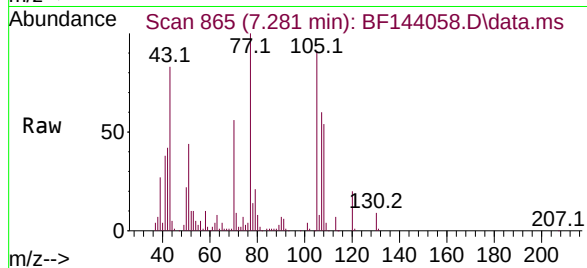
Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 45435

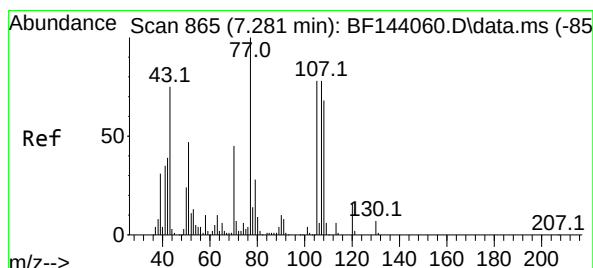
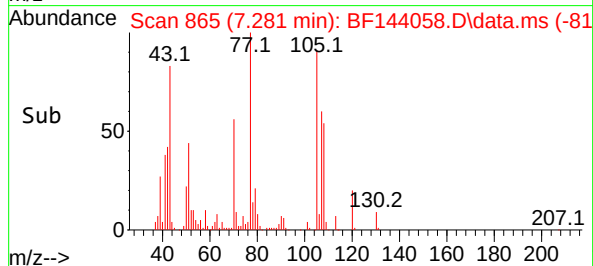
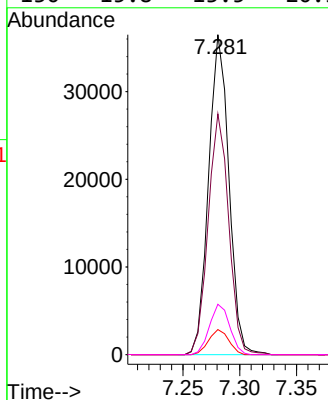
Ion Ratio Lower Upper

70 100

42 75.2 67.4 101.0

101 7.8 7.1 10.7

130 15.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 11.219 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion: 107 Resp: 59370

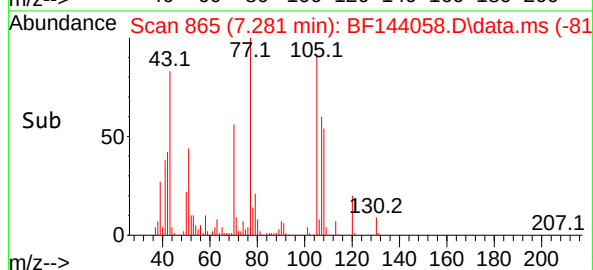
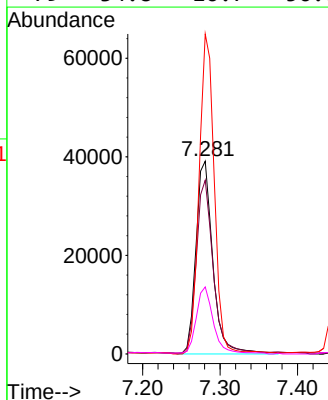
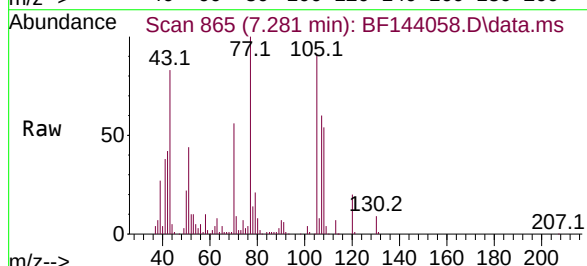
Ion Ratio Lower Upper

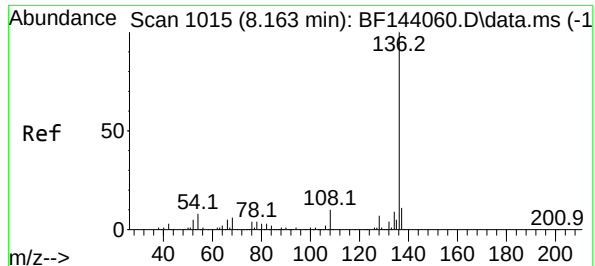
107 100

108 90.1 68.0 108.0

77 166.0 108.7 148.7#

79 34.8 16.7 56.7

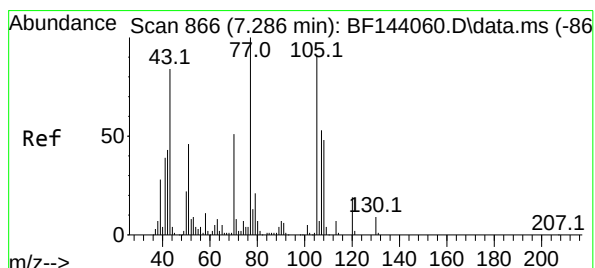
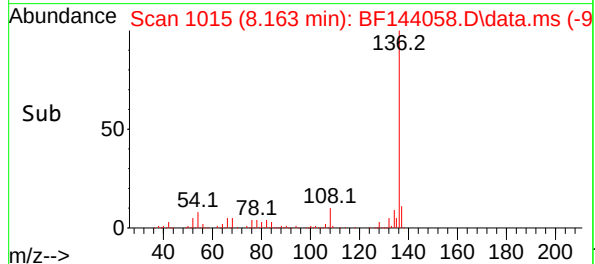
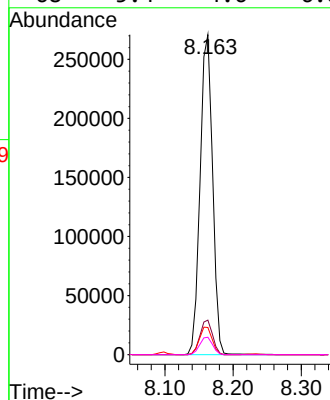
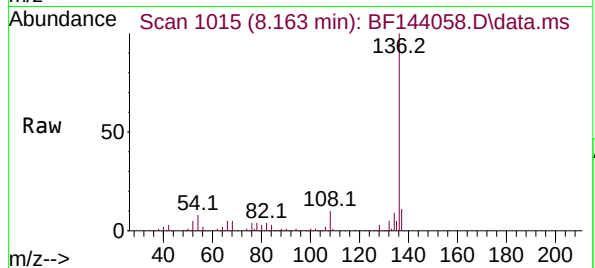




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

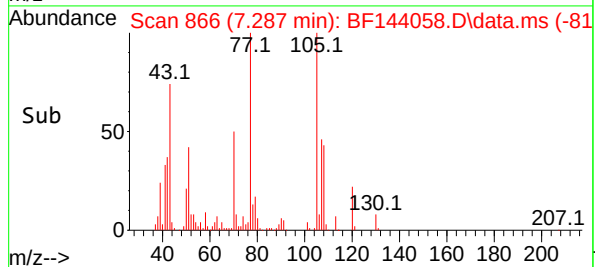
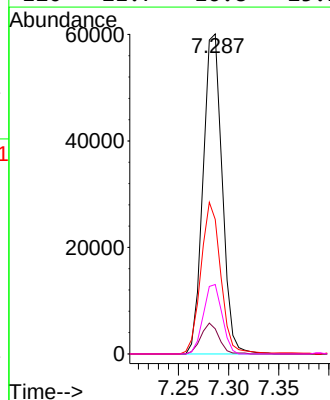
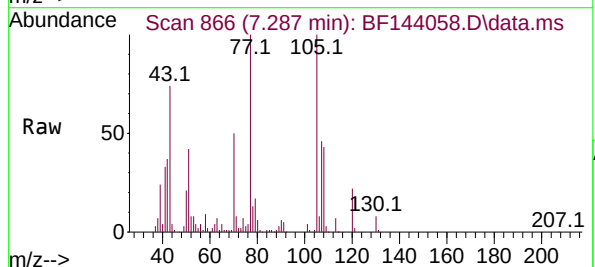
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

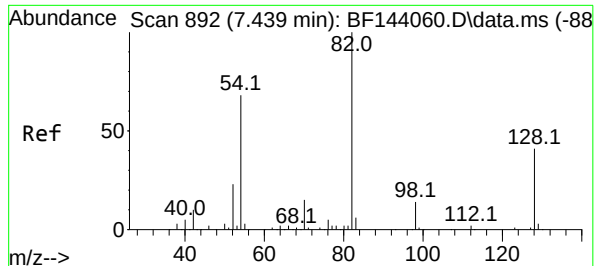
Tgt Ion:136 Resp: 345633
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.6 9.8
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 10.620 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:105 Resp: 79330
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 42.0 40.6 60.8
120 21.7 16.8 25.2

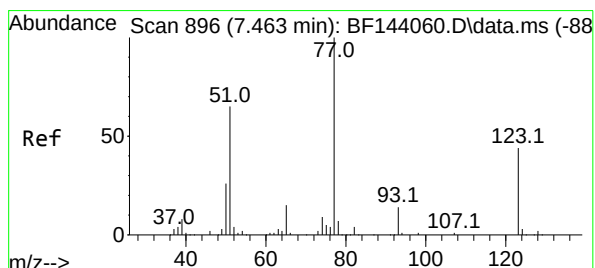
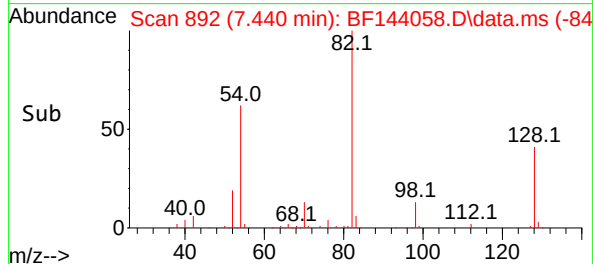
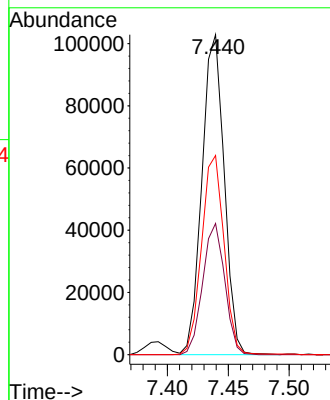
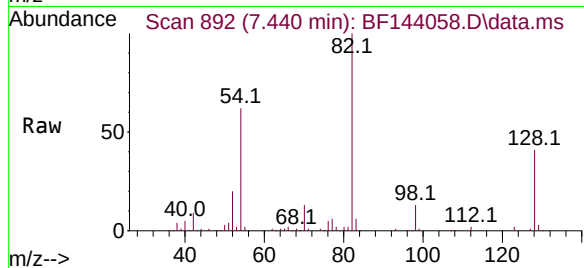




#23
Nitrobenzene-d5
Concen: 20.735 ng
RT: 7.440 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

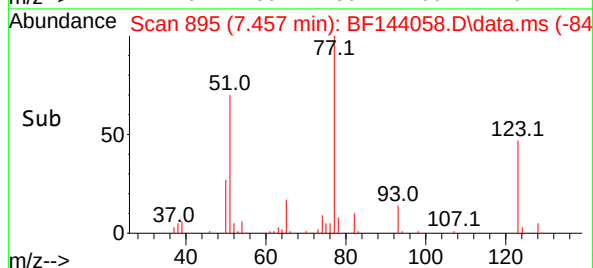
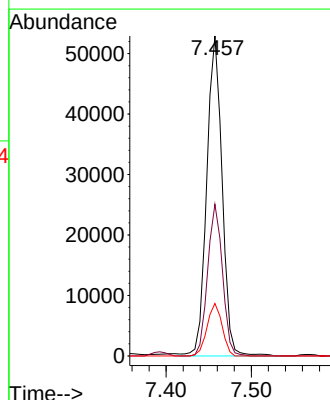
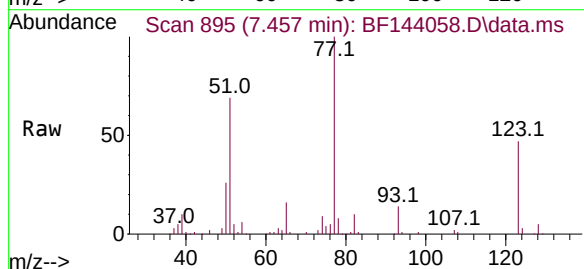
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

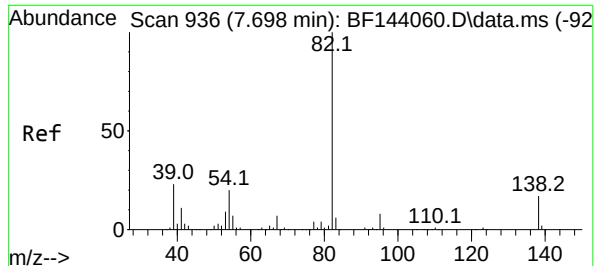
Tgt Ion: 82 Resp: 130813
Ion Ratio Lower Upper
82 100
128 41.0 32.4 48.6
54 62.2 54.0 81.0



#24
Nitrobenzene
Concen: 9.941 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 77 Resp: 66345
Ion Ratio Lower Upper
77 100
123 47.4 35.0 52.6
65 16.4 12.2 18.2





#25

Isophorone

Concen: 10.366 ng

RT: 7.692 min Scan# 936

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

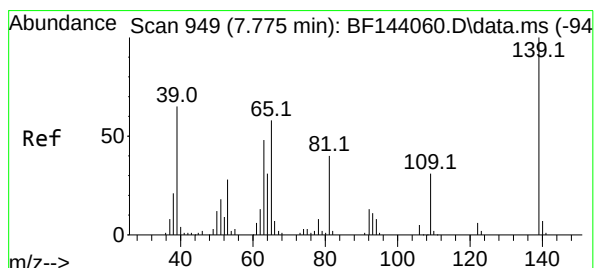
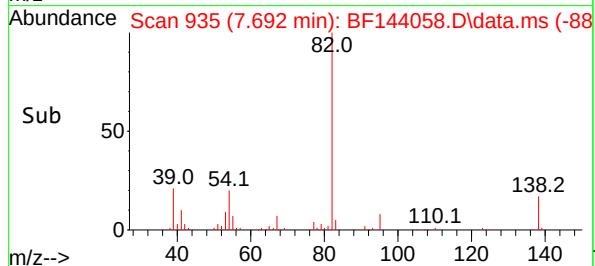
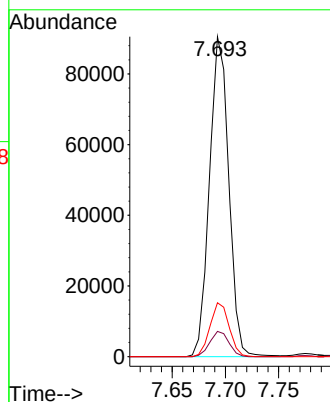
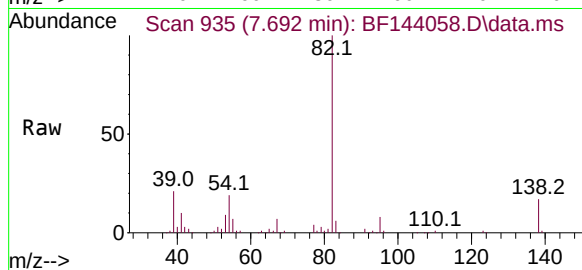
Tgt Ion: 82 Resp: 114333

Ion Ratio Lower Upper

82 100

95 7.9 6.6 9.8

138 16.8 13.8 20.8



#26

2-Nitrophenol

Concen: 9.992 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

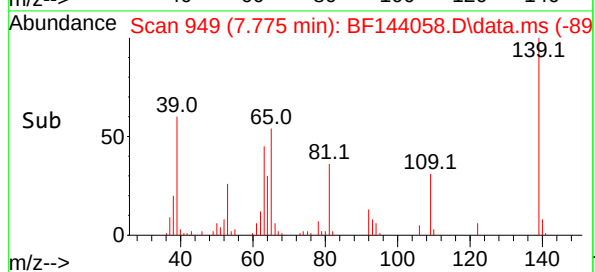
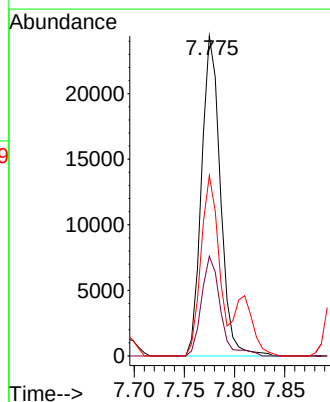
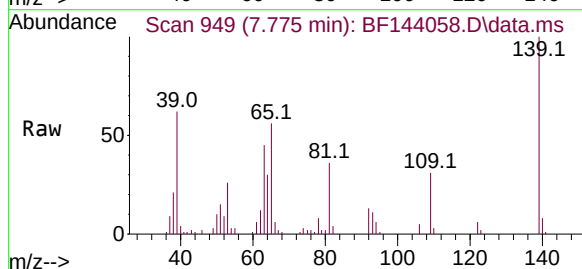
Tgt Ion:139 Resp: 31721

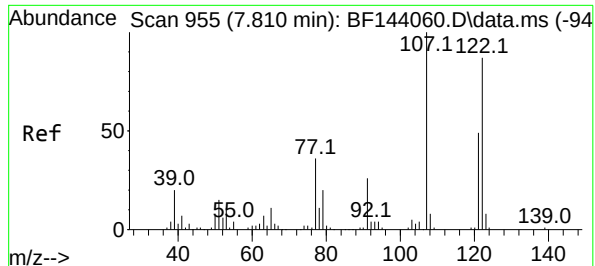
Ion Ratio Lower Upper

139 100

109 31.1 24.6 37.0

65 56.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 10.215 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

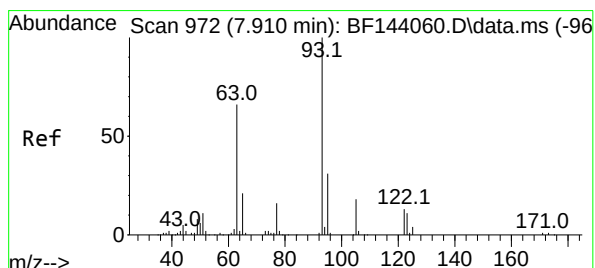
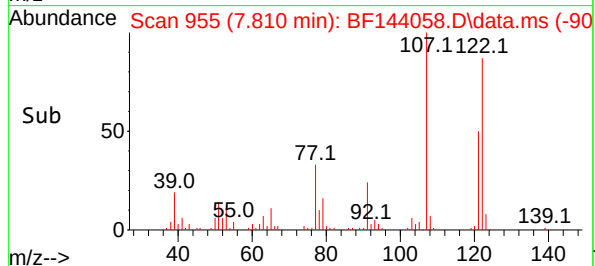
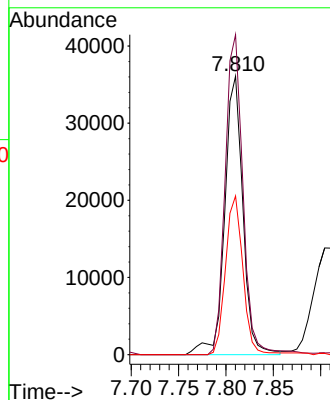
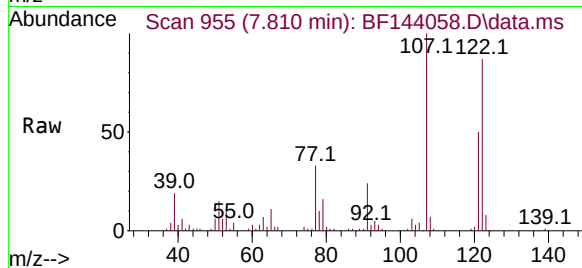
Tgt Ion:122 Resp: 48192

Ion Ratio Lower Upper

122 100

107 114.9 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.241 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

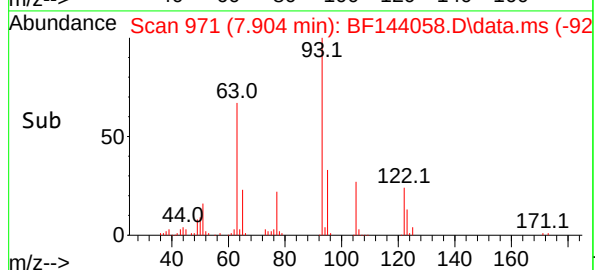
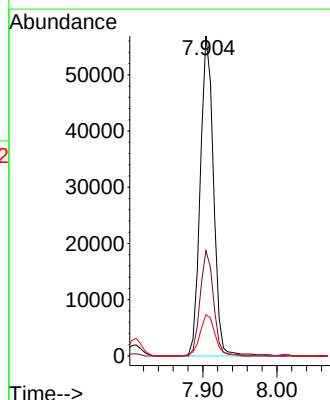
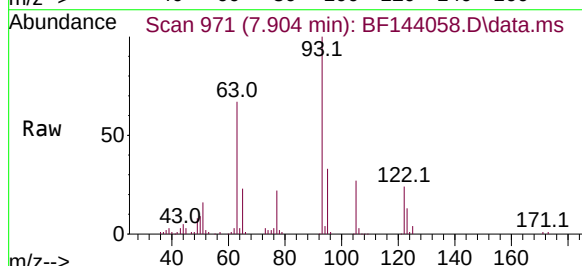
Tgt Ion: 93 Resp: 70437

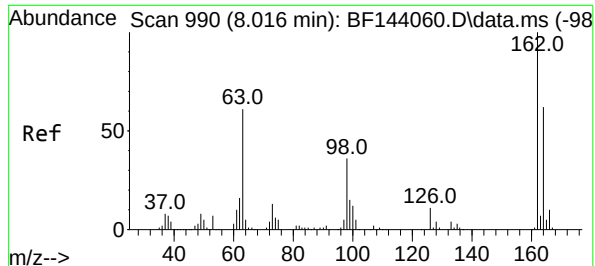
Ion Ratio Lower Upper

93 100

95 32.9 24.6 36.8

123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 10.858 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

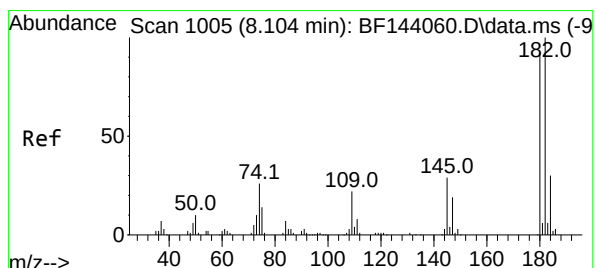
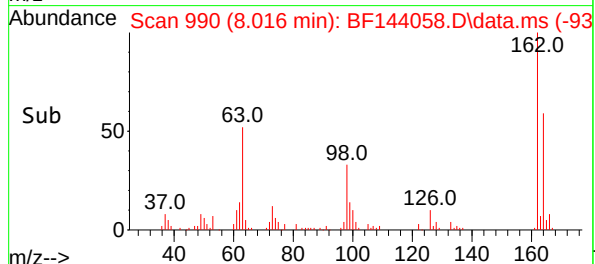
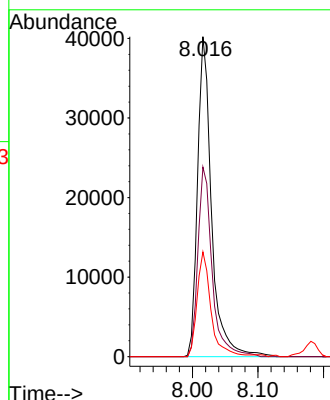
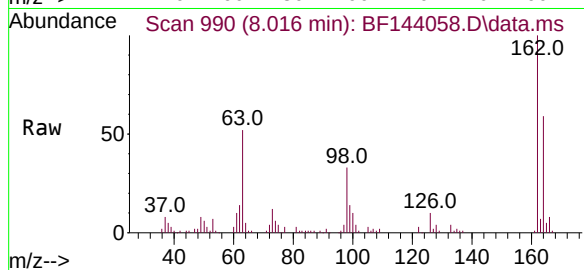
Tgt Ion:162 Resp: 59570

Ion Ratio Lower Upper

162 100

164 59.2 42.1 82.1

98 32.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 10.367 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

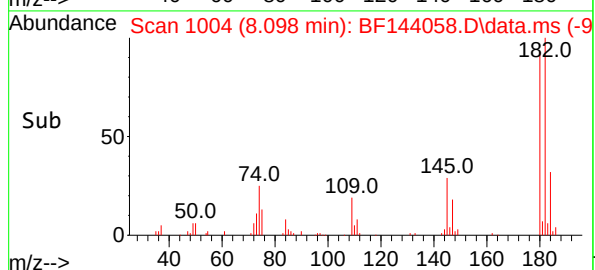
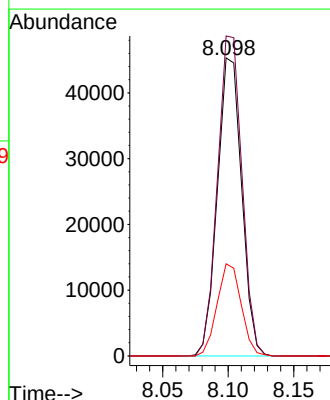
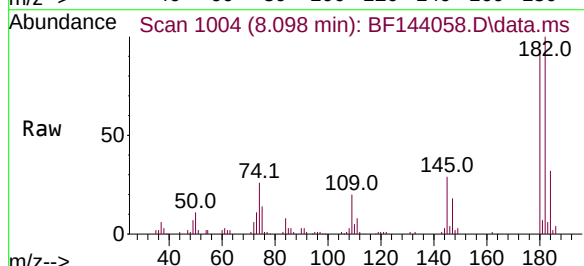
Tgt Ion:180 Resp: 58514

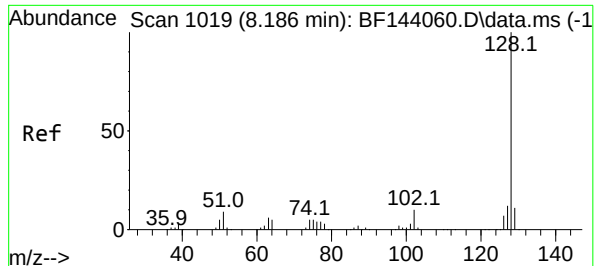
Ion Ratio Lower Upper

180 100

182 107.4 87.1 130.7

145 30.9 25.3 37.9





#31

Naphthalene

Concen: 10.618 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

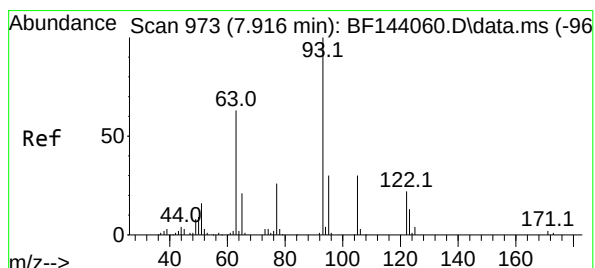
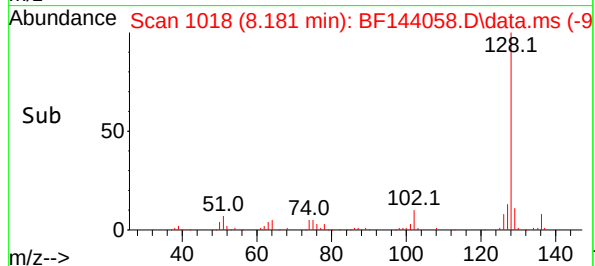
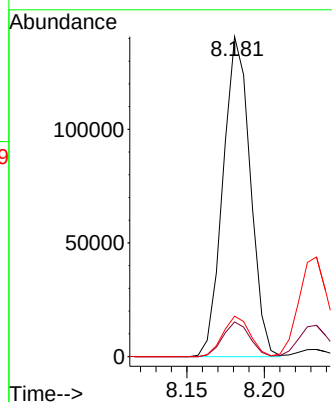
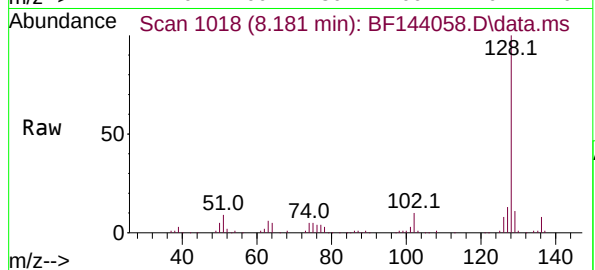
Tgt Ion:128 Resp: 173217

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.6 9.9 14.9



#32

Benzoic acid

Concen: 12.520 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.012 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

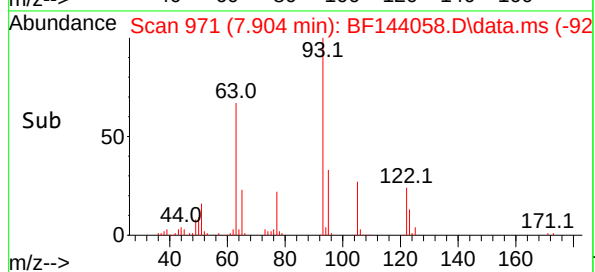
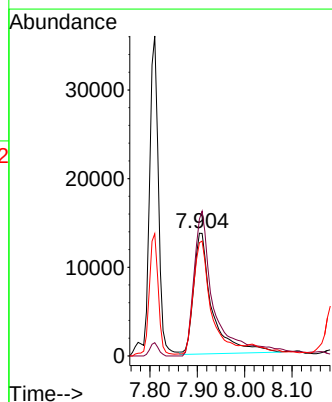
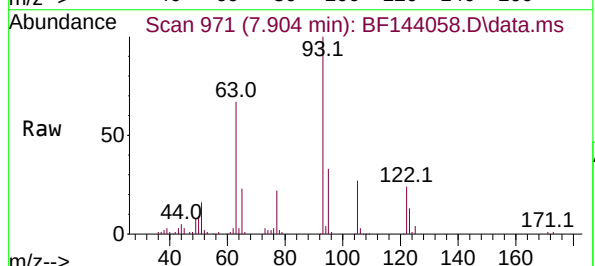
Tgt Ion:122 Resp: 37467

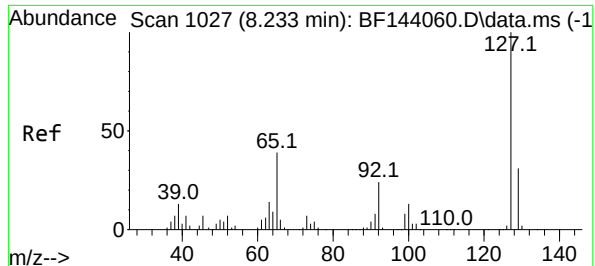
Ion Ratio Lower Upper

122 100

105 111.5 111.3 151.3

77 92.4 96.7 136.7#





#33

4-Chloroaniline

Concen: 10.837 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:127 Resp: 61541

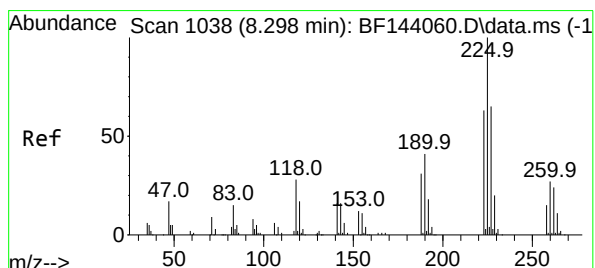
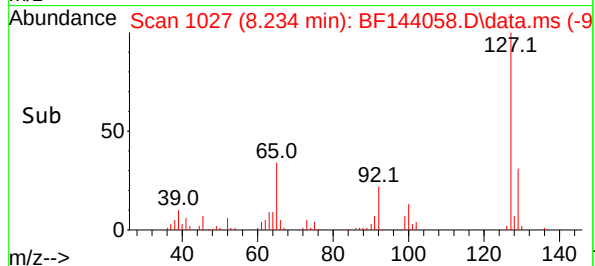
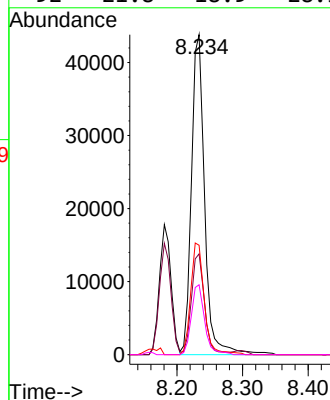
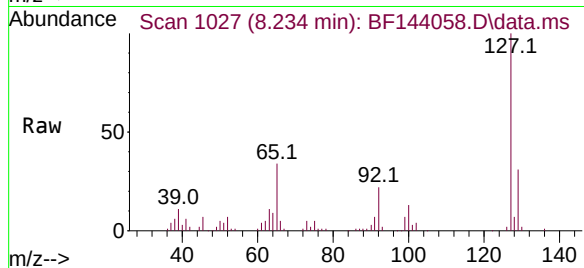
Ion Ratio Lower Upper

127 100

129 31.5 25.6 38.4

65 34.2 30.9 46.3

92 21.8 18.9 28.3



#34

Hexachlorobutadiene

Concen: 10.323 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

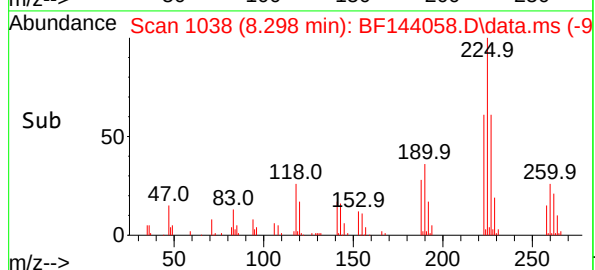
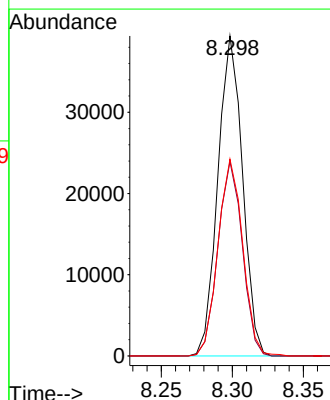
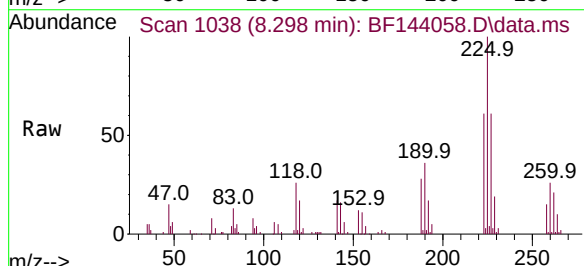
Tgt Ion:225 Resp: 47643

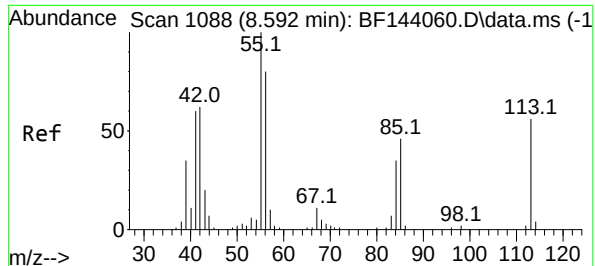
Ion Ratio Lower Upper

225 100

223 60.7 50.6 76.0

227 61.5 51.8 77.8





#35

Caprolactam

Concen: 9.779 ng

RT: 8.575 min Scan# 1085

Delta R.T. -0.017 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

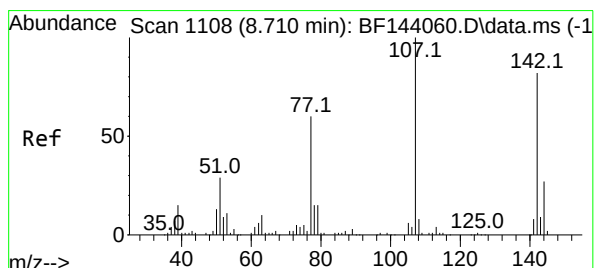
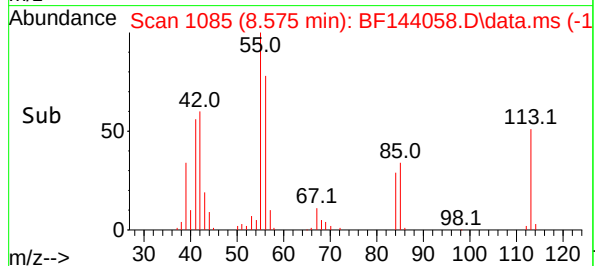
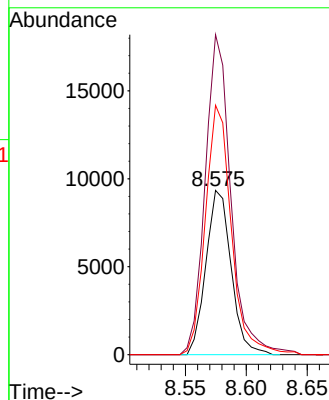
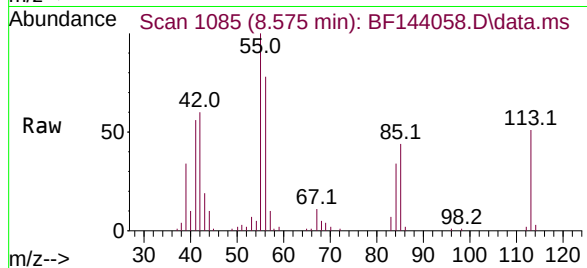
Tgt Ion:113 Resp: 13454

Ion Ratio Lower Upper

113 100

55 194.9 160.1 200.1

56 151.9 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 10.327 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

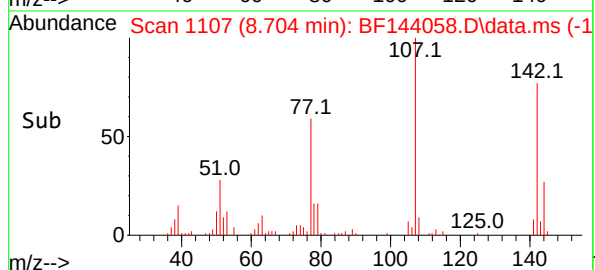
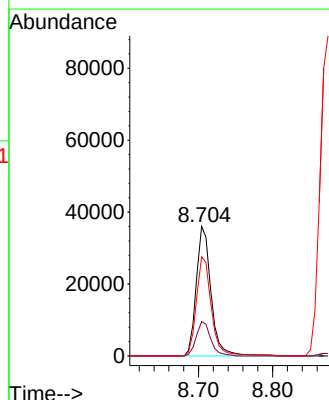
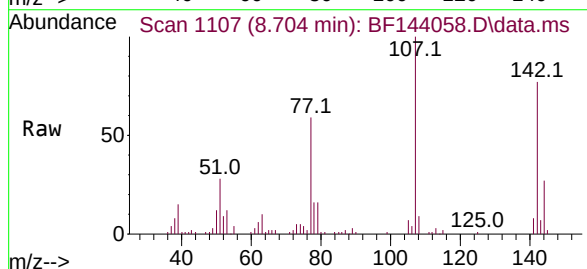
Tgt Ion:107 Resp: 50000

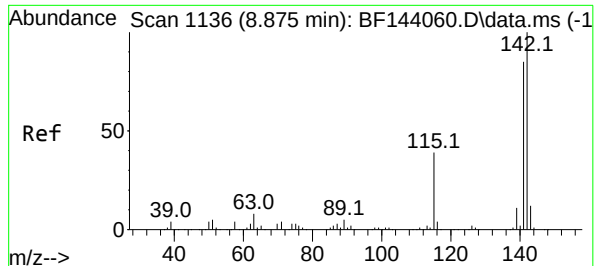
Ion Ratio Lower Upper

107 100

144 26.5 21.6 32.4

142 76.6 65.4 98.0





#37

2-Methylnaphthalene

Concen: 10.507 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

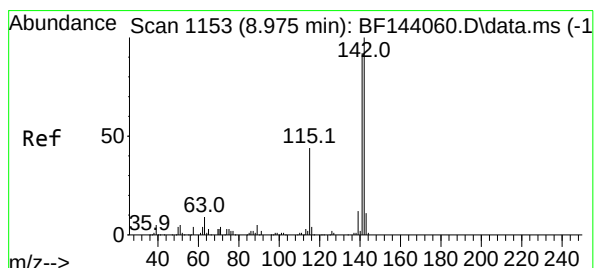
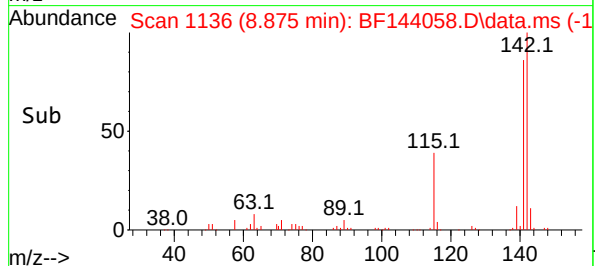
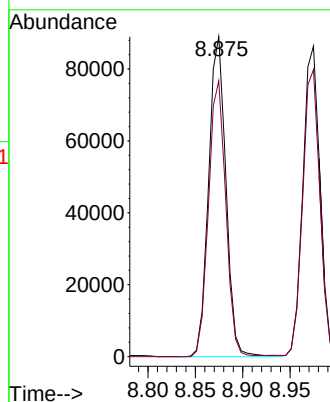
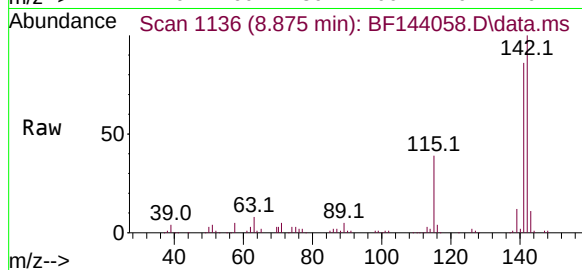
SSTDICC010

Tgt Ion:142 Resp: 113005

Ion Ratio Lower Upper

142 100

141 86.2 67.6 101.4



#38

1-Methylnaphthalene

Concen: 10.642 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144058.D

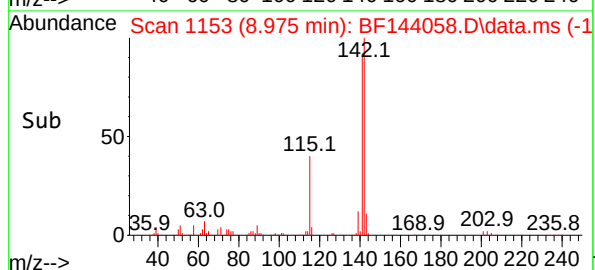
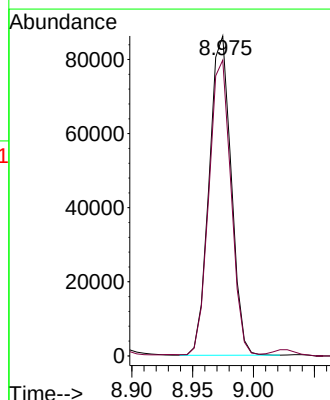
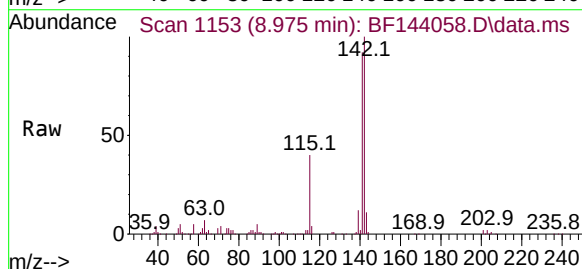
Acq: 24 Oct 2025 11:39

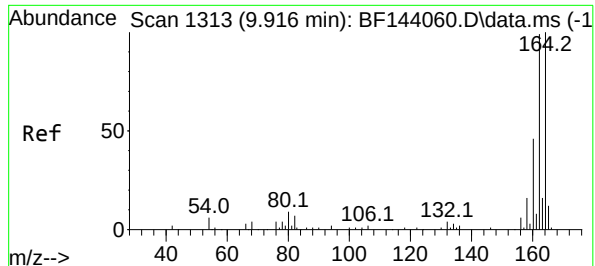
Tgt Ion:142 Resp: 108437

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

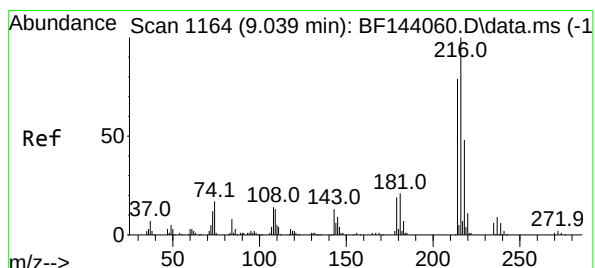
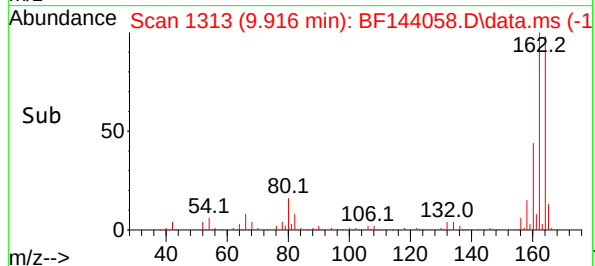
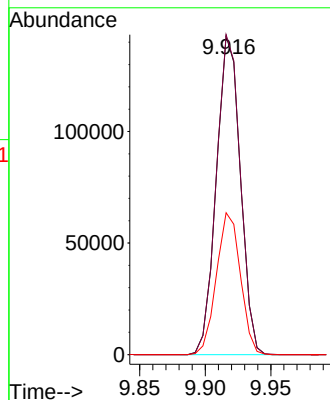
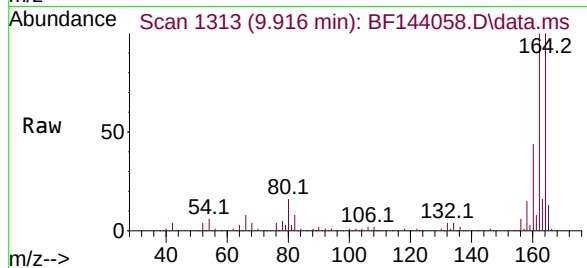
Tgt Ion:164 Resp: 181955

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

160 44.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.283 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:216 Resp: 64302

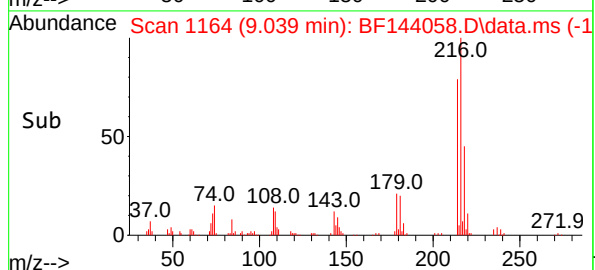
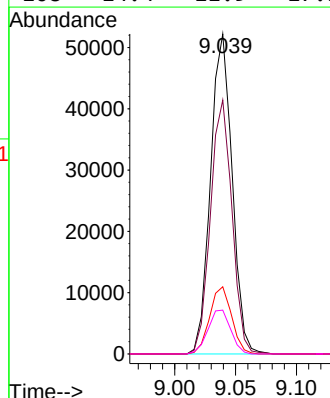
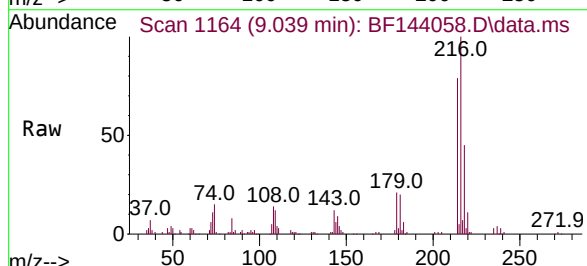
Ion Ratio Lower Upper

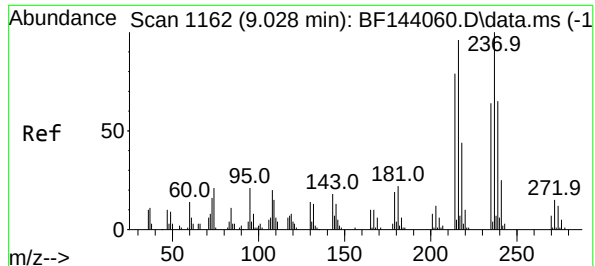
216 100

214 78.8 63.2 94.8

179 21.3 15.2 22.8

108 14.4 11.9 17.9

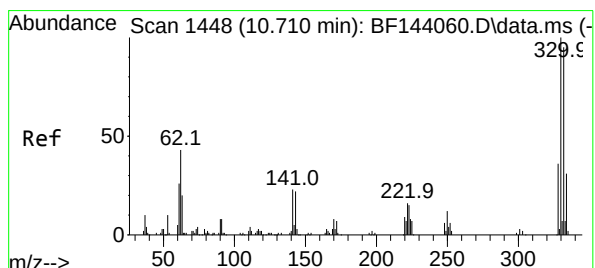
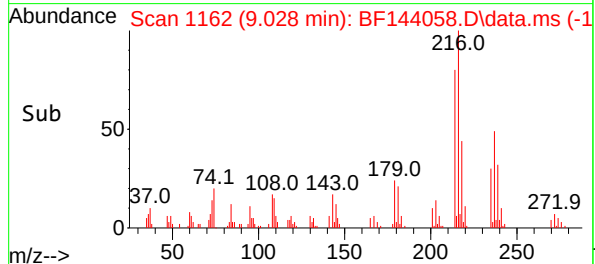
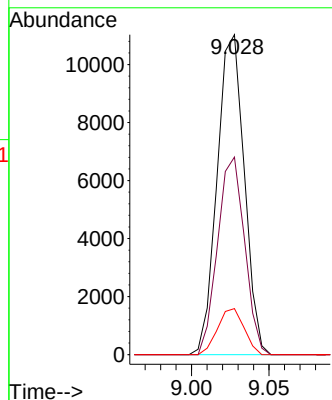
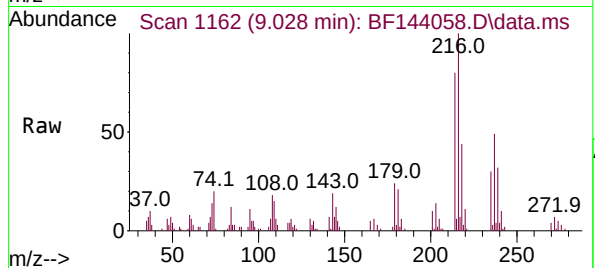




#41
Hexachlorocyclopentadiene
Concen: 6.972 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

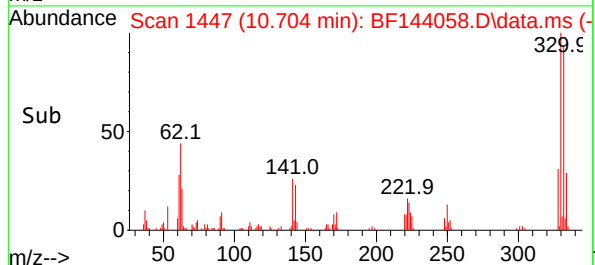
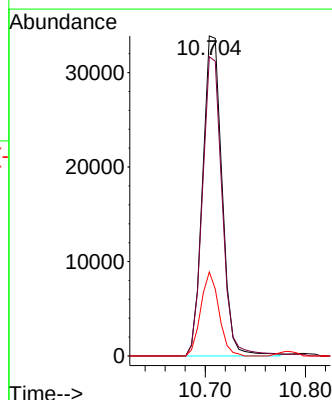
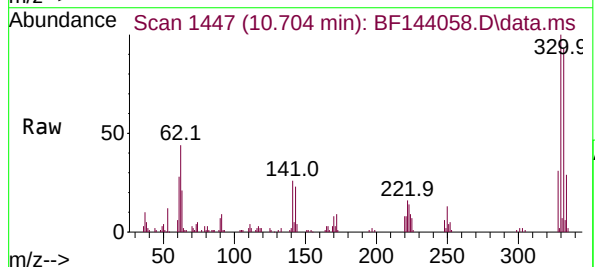
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

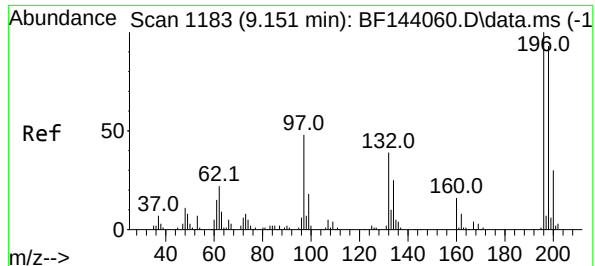
Tgt Ion: 237 Resp: 13467
Ion Ratio Lower Upper
237 100
235 61.7 44.3 84.3
272 14.4 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 19.574 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 330 Resp: 45367
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 24.4 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 10.000 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

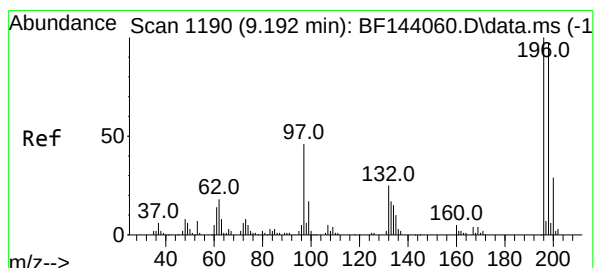
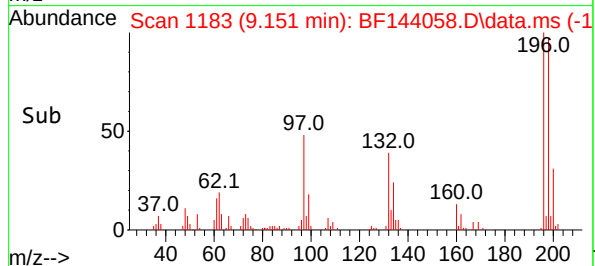
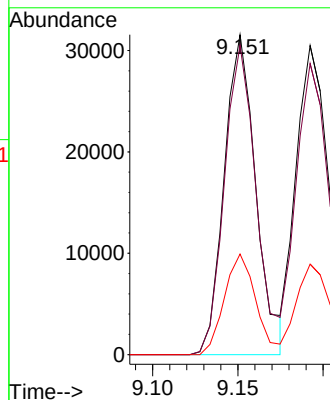
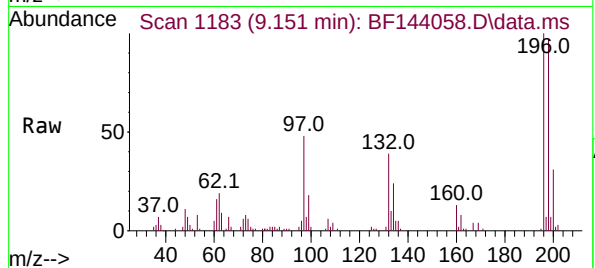
Tgt Ion:196 Resp: 40647

Ion Ratio Lower Upper

196 100

198 96.6 74.4 111.6

200 31.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 10.341 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:196 Resp: 44114

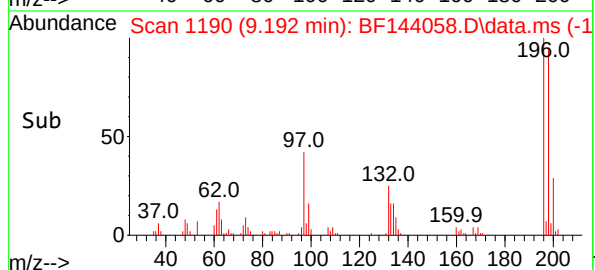
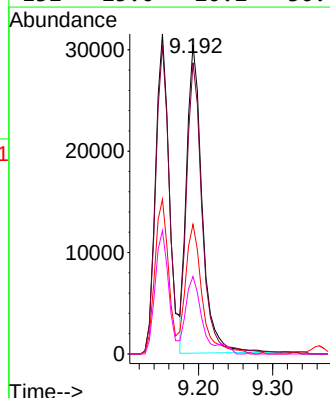
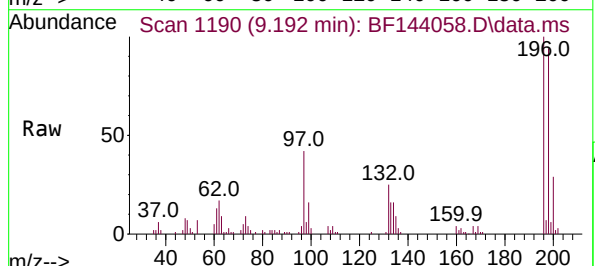
Ion Ratio Lower Upper

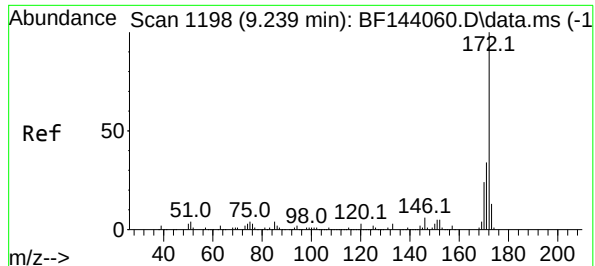
196 100

198 94.2 78.0 117.0

97 41.9 37.7 56.5

132 25.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 21.152 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

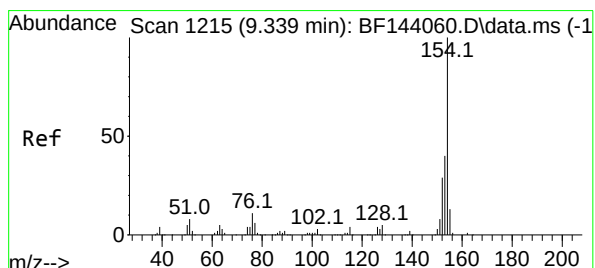
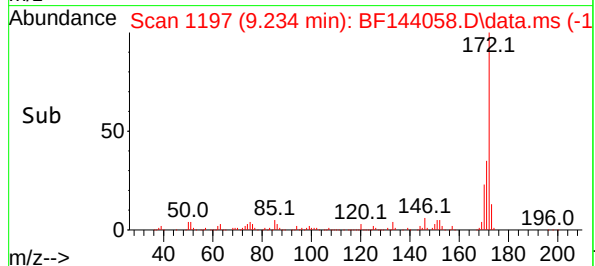
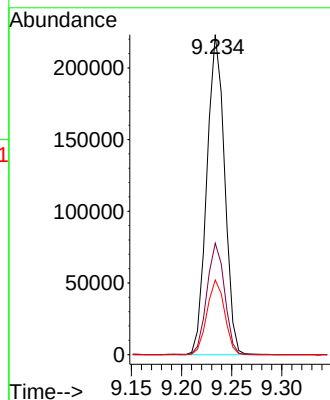
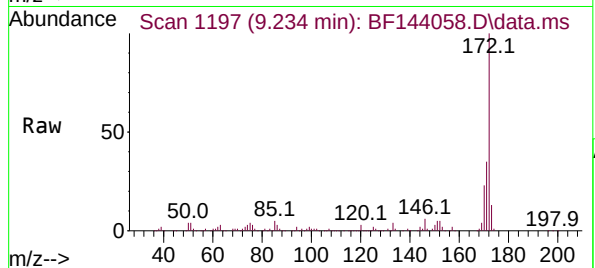
Tgt Ion:172 Resp: 273504

Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 10.704 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

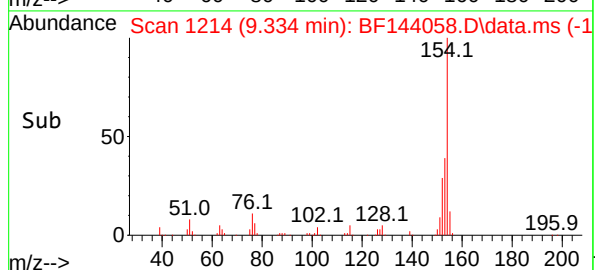
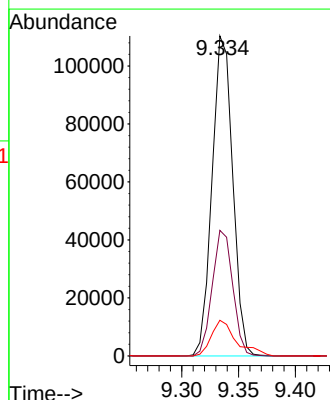
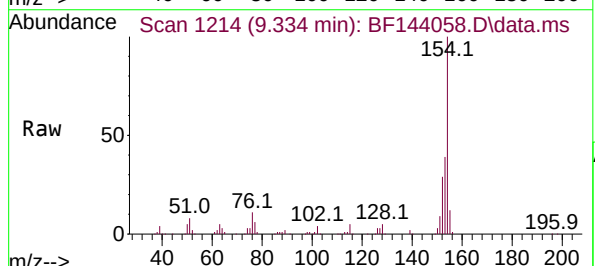
Tgt Ion:154 Resp: 139423

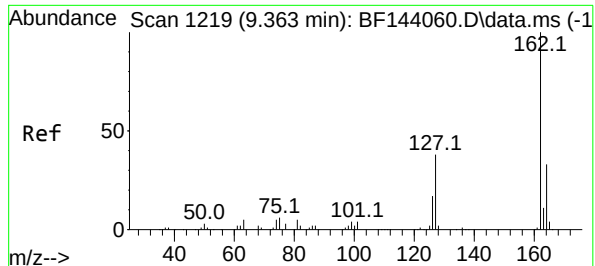
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 10.540 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144058.D

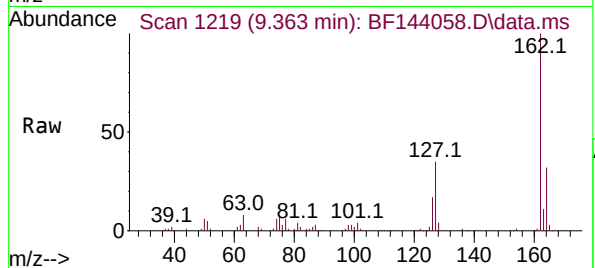
Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



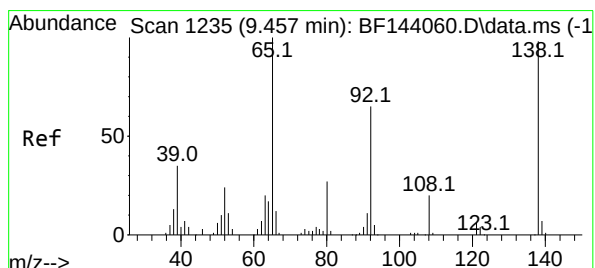
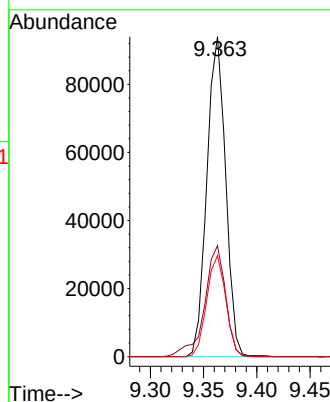
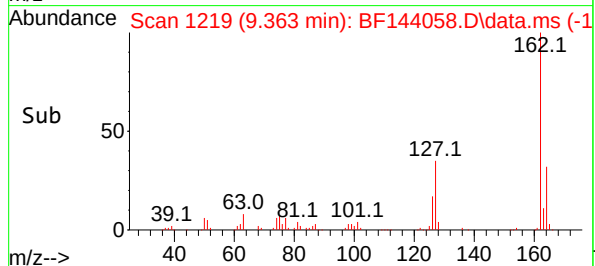
Tgt Ion:162 Resp: 115014

Ion Ratio Lower Upper

162 100

127 34.7 31.6 47.4

164 31.5 26.5 39.7



#48

2-Nitroaniline

Concen: 10.076 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

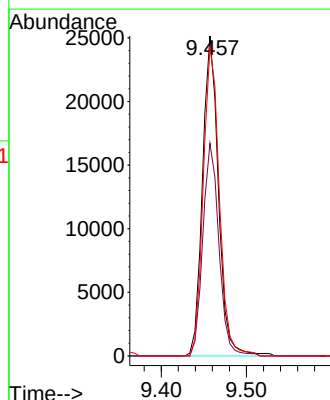
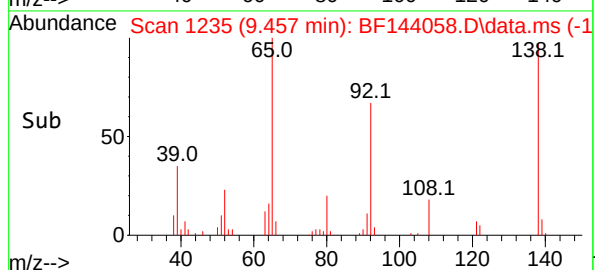
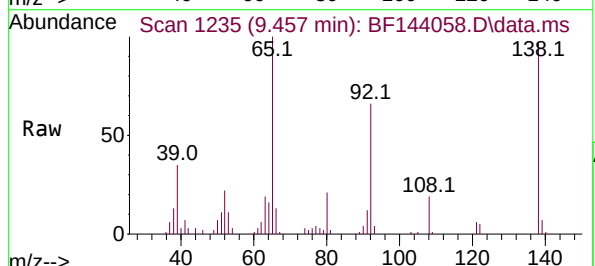
Tgt Ion: 65 Resp: 32649

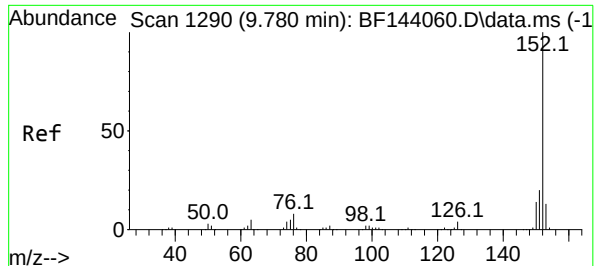
Ion Ratio Lower Upper

65 100

92 66.4 52.3 78.5

138 96.6 78.3 117.5





#49

Acenaphthylene

Concen: 10.470 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

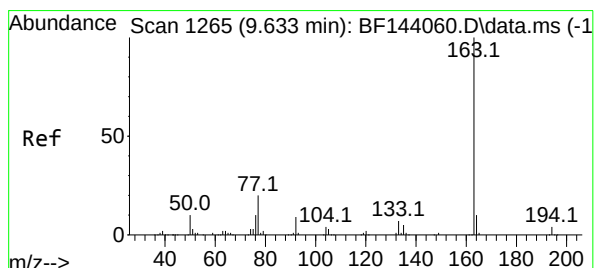
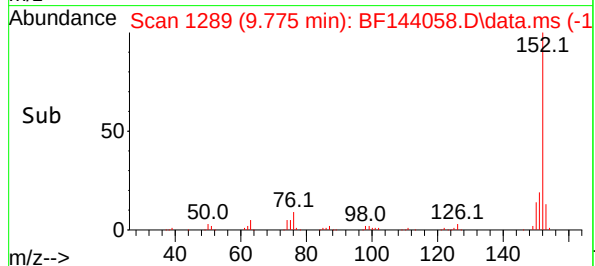
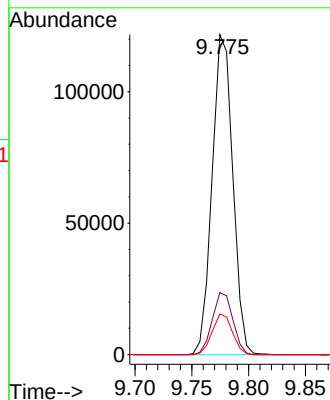
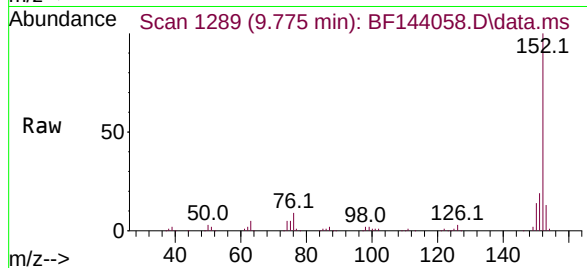
Tgt Ion:152 Resp: 154058

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

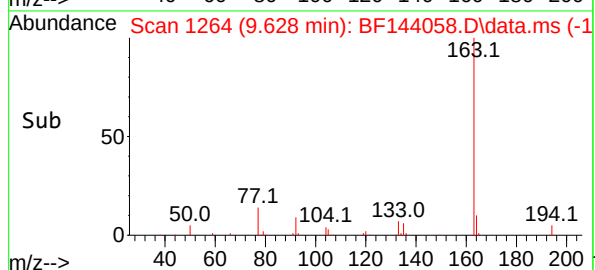
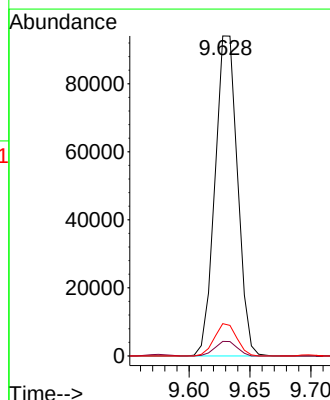
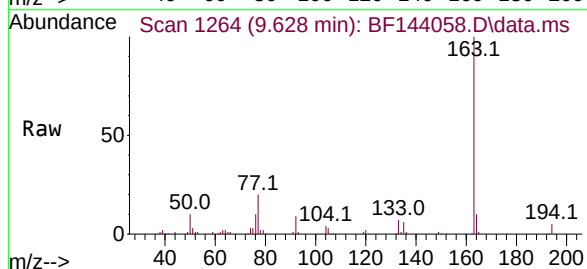
Tgt Ion:163 Resp: 120856

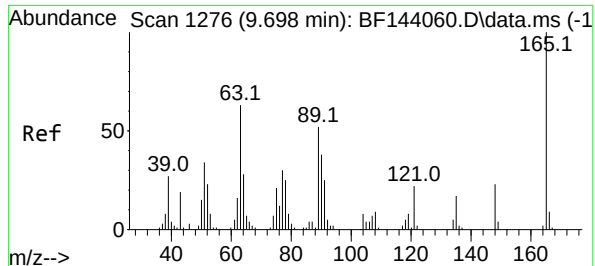
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.1 7.8 11.8

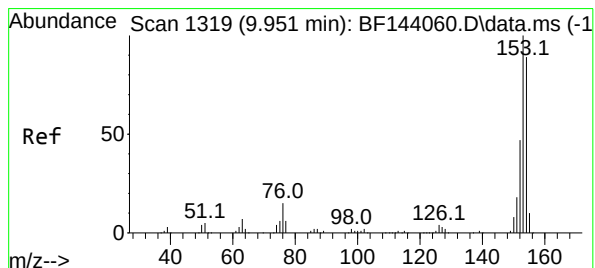
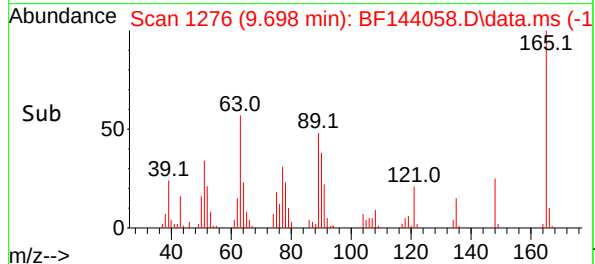
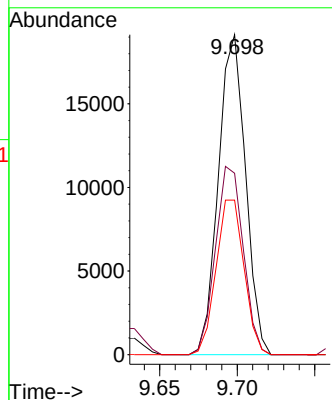
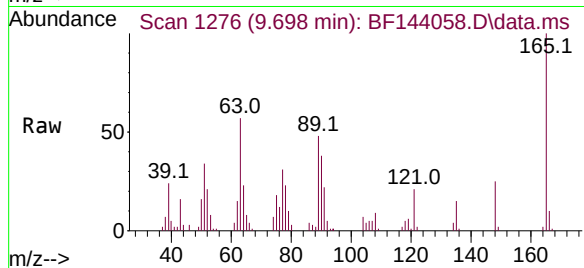




#51
2,6-Dinitrotoluene
Concen: 9.899 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

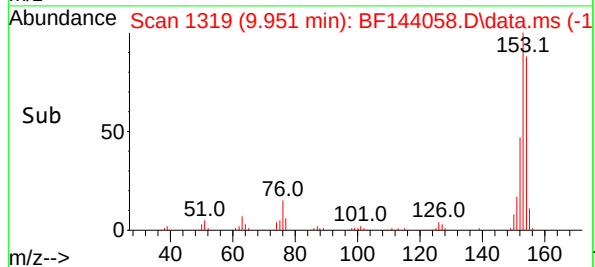
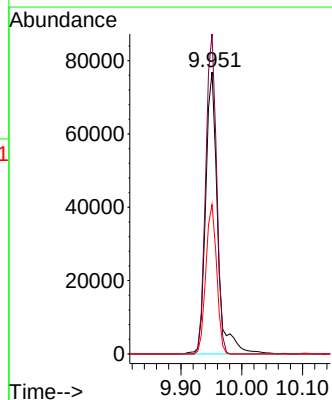
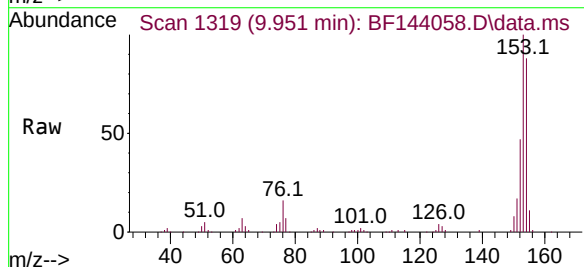
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

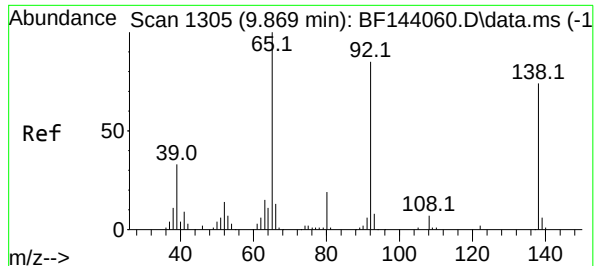
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.7	50.4	75.6
89	48.3	41.4	62.2



#52
Acenaphthene
Concen: 10.671 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.9	134.9
152	53.0	42.0	63.0





#53

3-Nitroaniline

Concen: 10.196 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

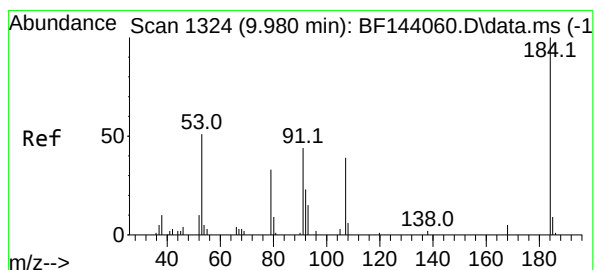
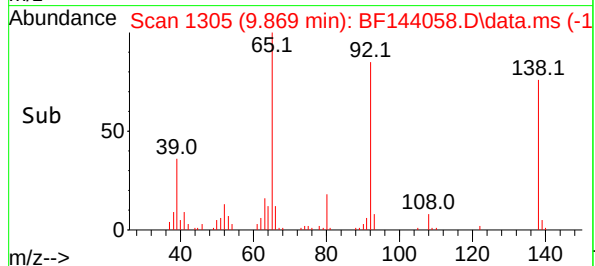
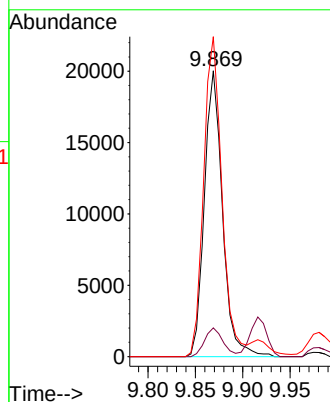
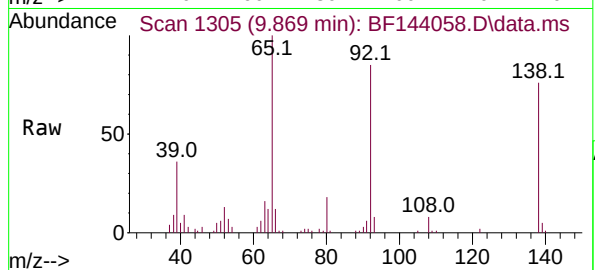
Tgt Ion:138 Resp: 26729

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

92 111.9 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 11.496 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

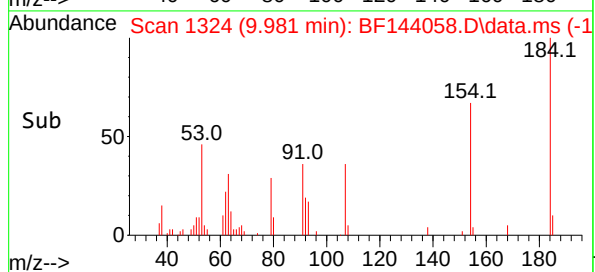
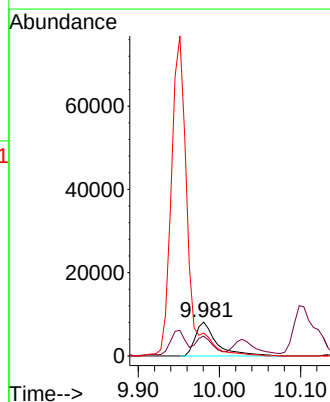
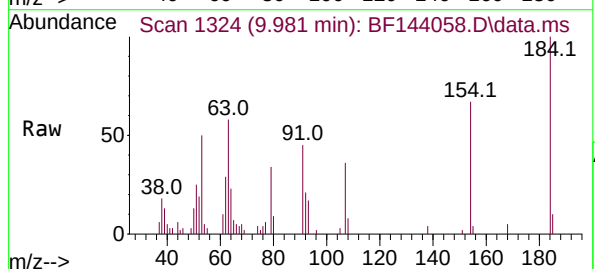
Tgt Ion:184 Resp: 14660

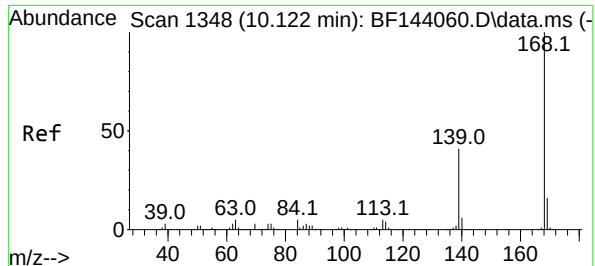
Ion Ratio Lower Upper

184 100

63 58.3 52.1 78.1

154 67.4 47.9 71.9





#55

Dibenzofuran

Concen: 10.481 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

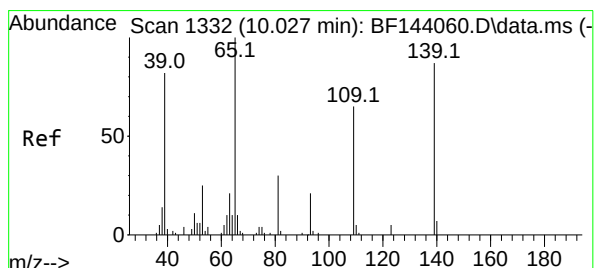
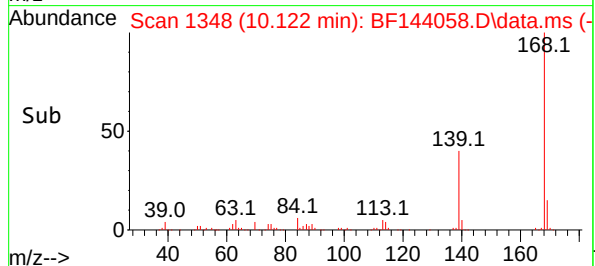
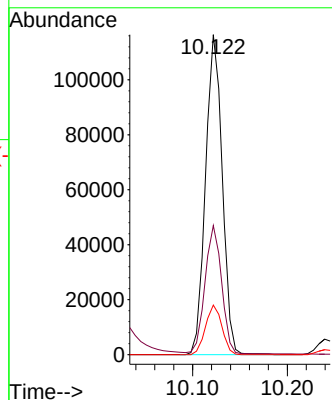
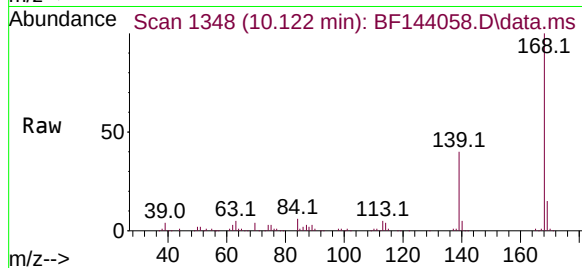
Tgt Ion:168 Resp: 142976

Ion Ratio Lower Upper

168 100

139 40.3 33.2 49.8

169 15.5 12.6 19.0



#56

4-Nitrophenol

Concen: 11.482 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

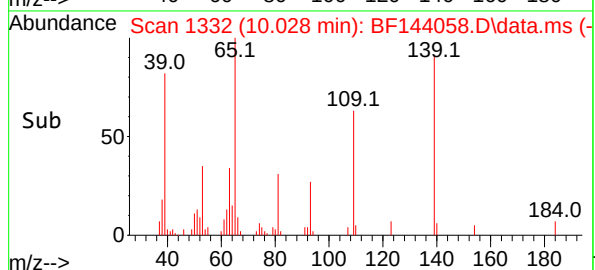
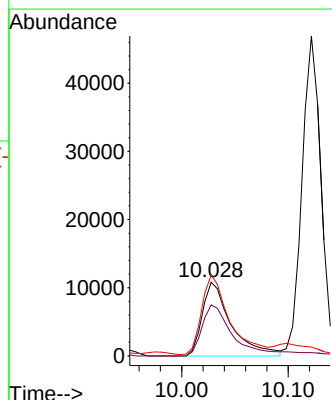
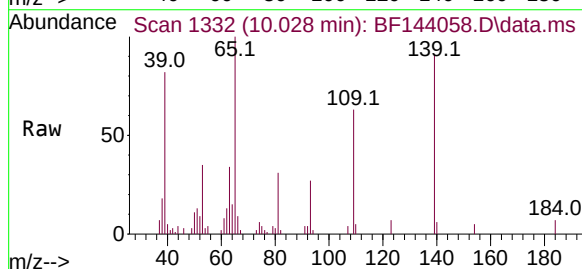
Tgt Ion:139 Resp: 20383

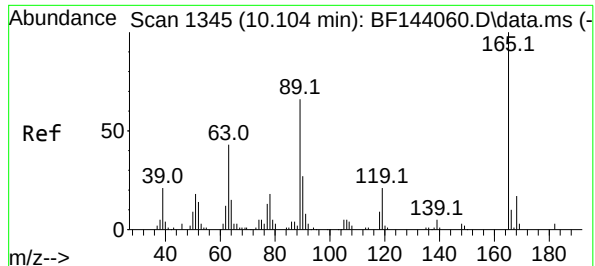
Ion Ratio Lower Upper

139 100

109 69.1 53.8 93.8

65 109.7 95.9 135.9

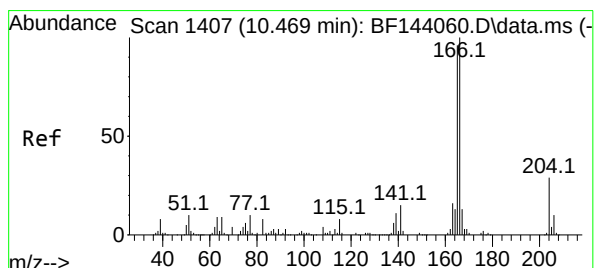
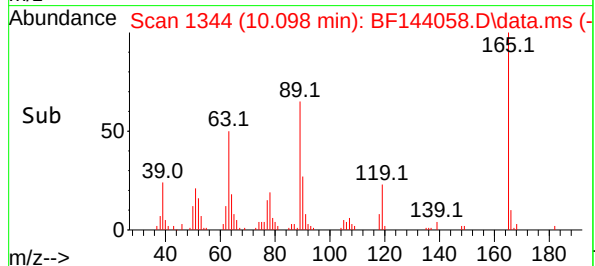
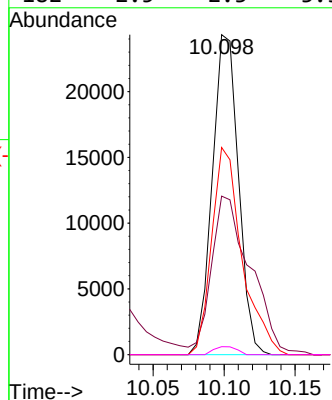
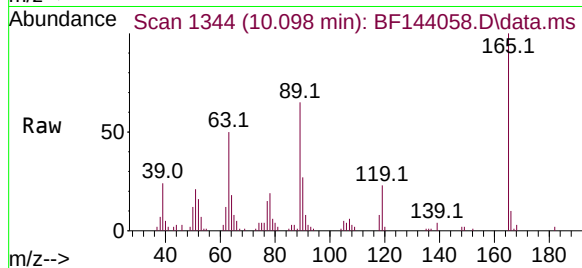




#57
2,4-Dinitrotoluene
Concen: 9.793 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

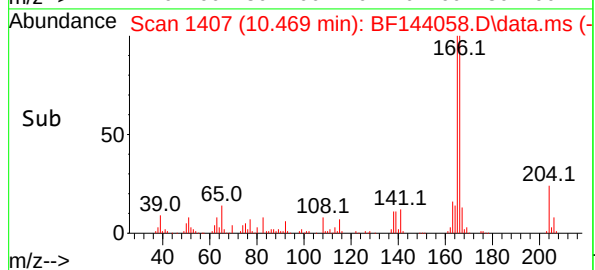
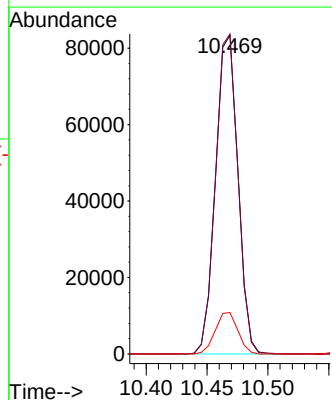
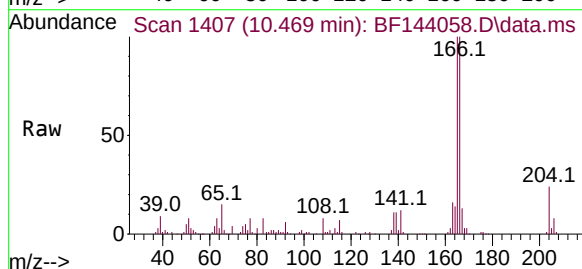
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

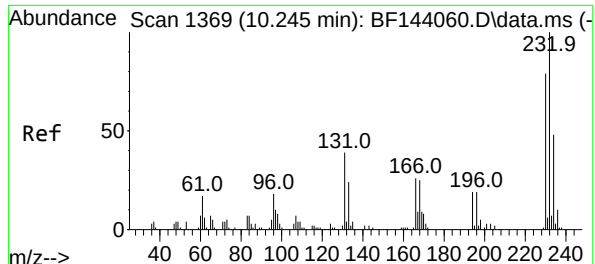
Tgt Ion:	165	Resp:	31163
Ion Ratio	Lower	Upper	
165	100		
63	49.5	35.4	53.2
89	64.7	52.7	79.1
182	2.5	2.3	3.5



#58
Fluorene
Concen: 10.232 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:	166	Resp:	106355
Ion Ratio	Lower	Upper	
166	100		
165	100.5	77.0	115.4
167	13.0	10.2	15.4

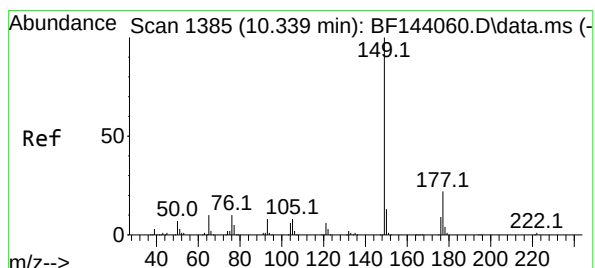
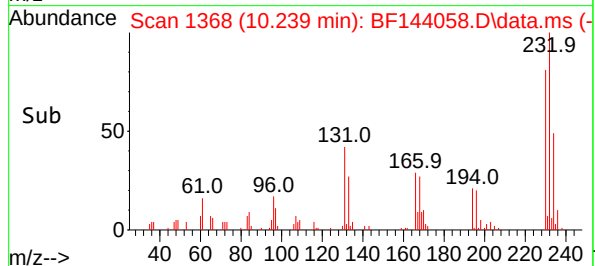
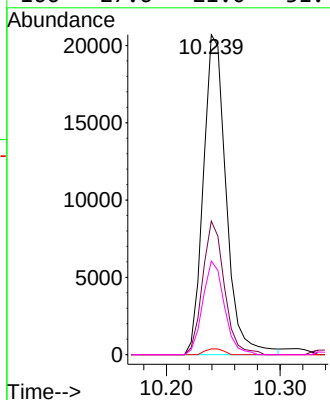
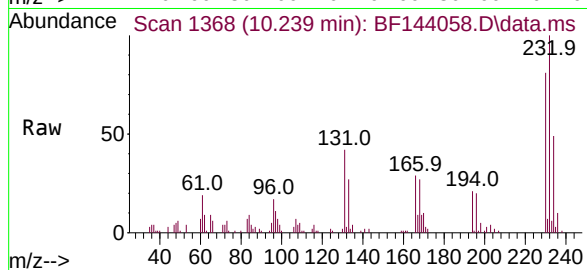




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.612 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

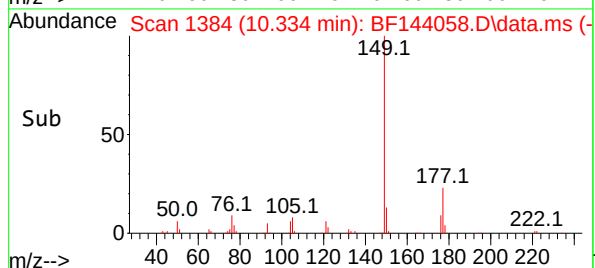
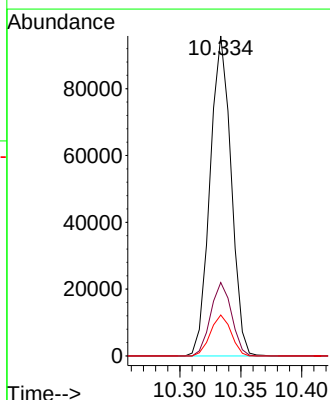
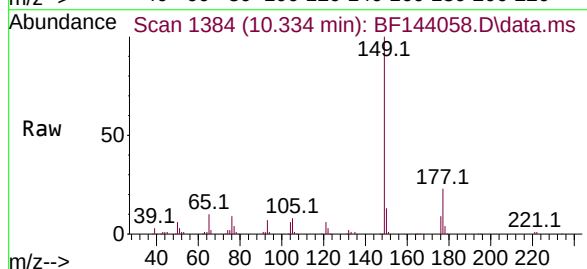
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

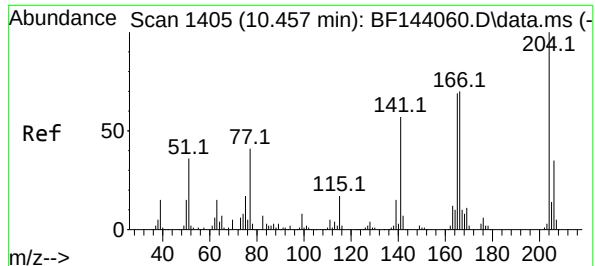
Tgt Ion:232	Resp:	28893
Ion Ratio	Lower	Upper
232	100	
131	39.6	31.9 47.9
130	1.4	1.1 1.7
166	27.6	21.0 31.4



#60
Diethylphthalate
Concen: 10.256 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:149	Resp:	115029
Ion Ratio	Lower	Upper
149	100	
177	22.9	17.8 26.6
150	12.8	10.1 15.1

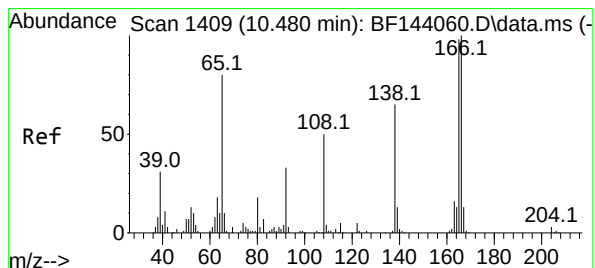
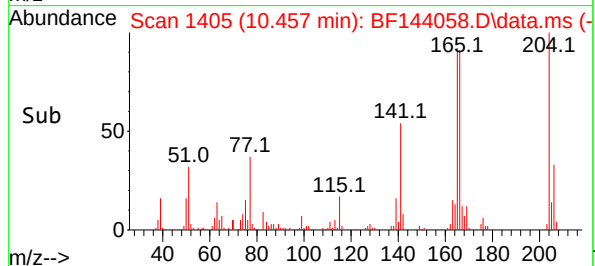
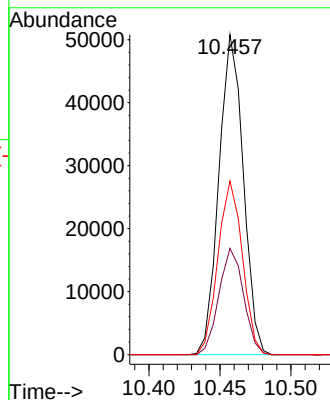
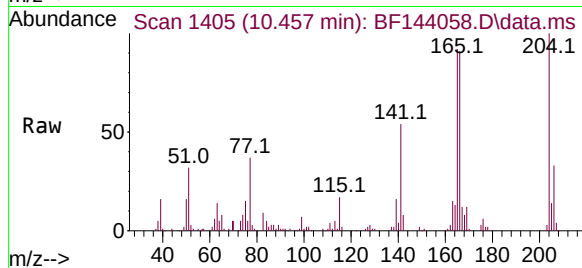




#61
4-Chlorophenyl-phenylether
Concen: 10.385 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

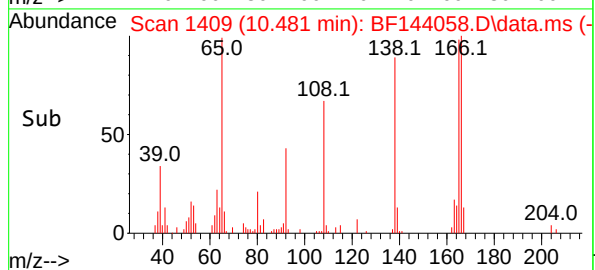
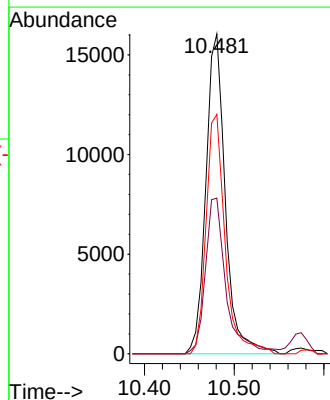
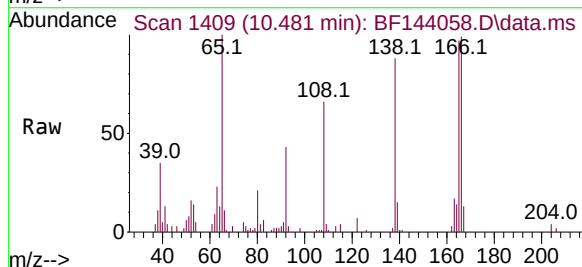
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

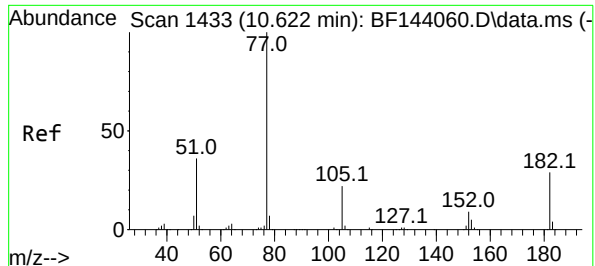
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.8	41.6
141	54.3	45.4	68.2



#62
4-Nitroaniline
Concen: 9.752 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.5	70.5
108	74.9	56.2	96.2

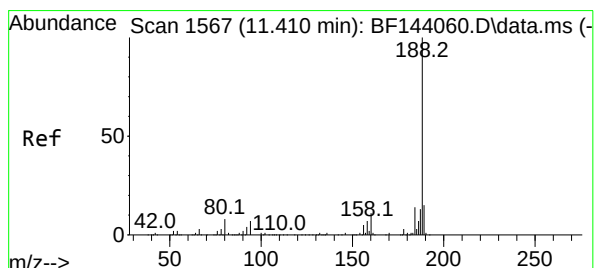
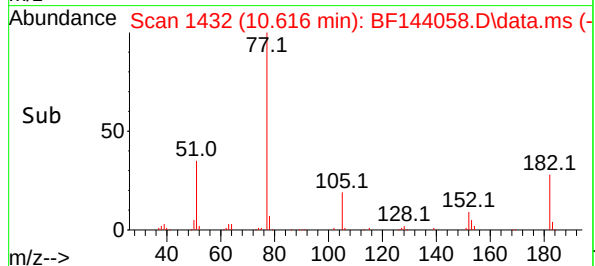
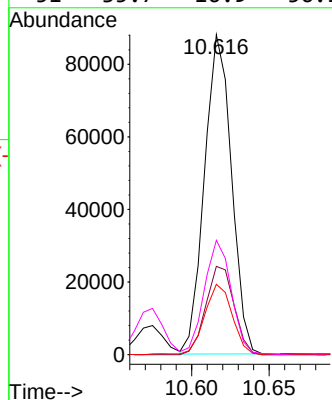
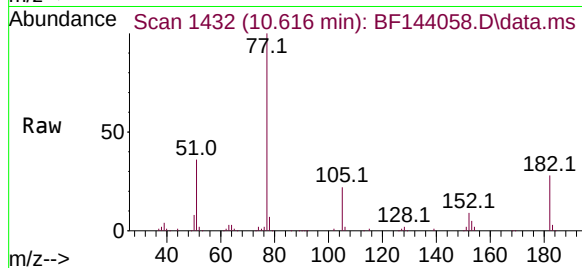




#63
Azobenzene
Concen: 10.095 ng
RT: 10.616 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

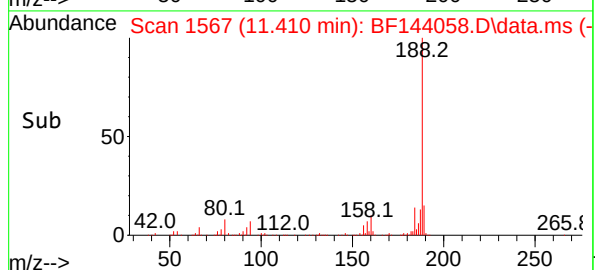
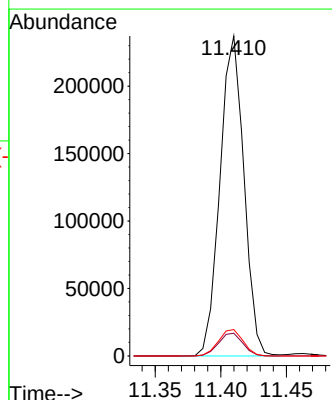
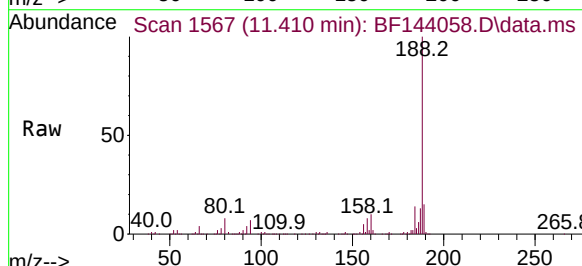
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

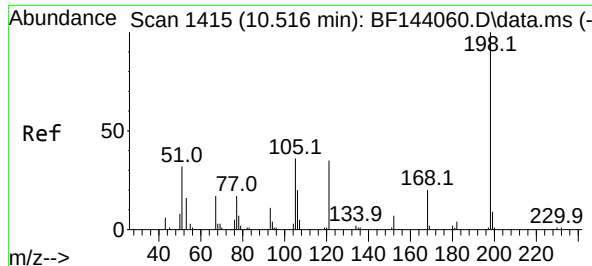
Tgt Ion: 77	Resp: 107163
Ion Ratio	Lower Upper
77	100
182	27.6 9.0 49.0
105	22.0 1.4 41.4
51	35.7 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 188	Resp: 301308
Ion Ratio	Lower Upper
188	100
94	7.1 5.4 8.0
80	8.2 6.0 9.0

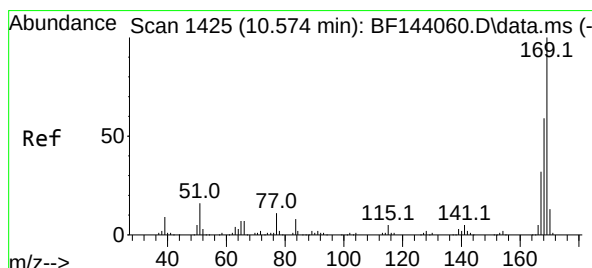
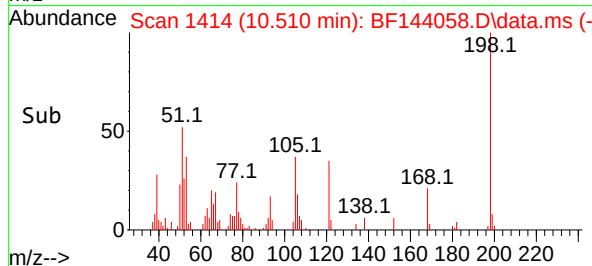
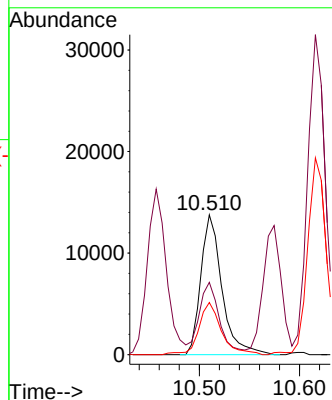
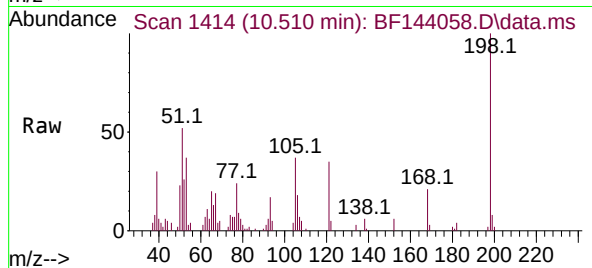




#65
4,6-Dinitro-2-methylphenol
Concen: 10.394 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

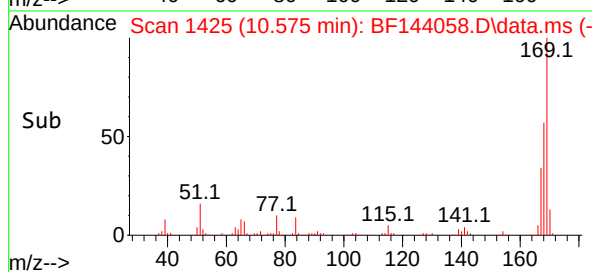
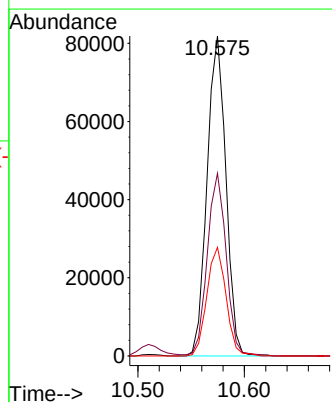
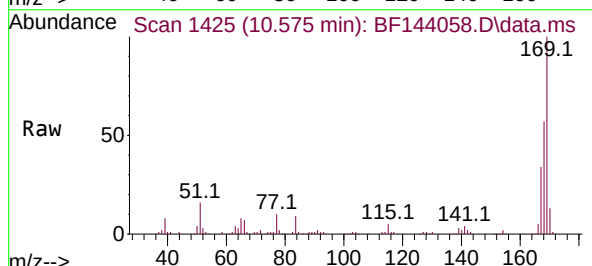
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

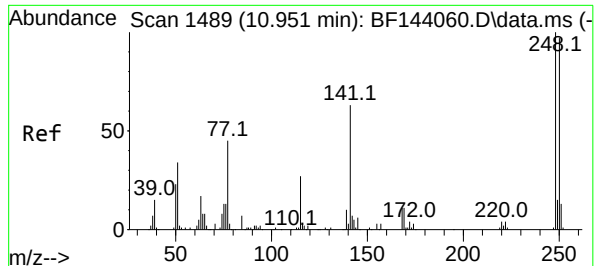
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	25.8	65.8
105	37.3	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 10.422 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.1	47.4	71.2
167	33.9	25.5	38.3

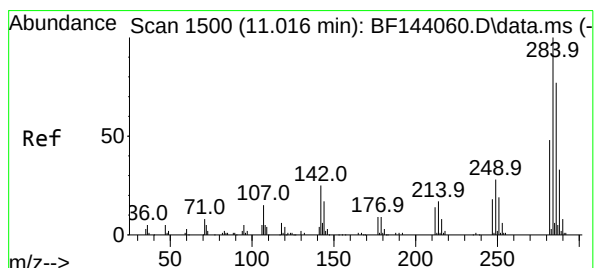
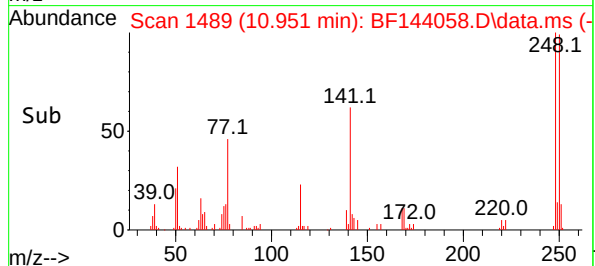
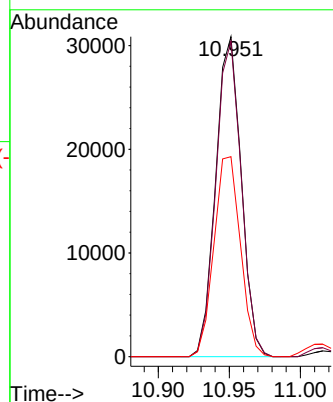
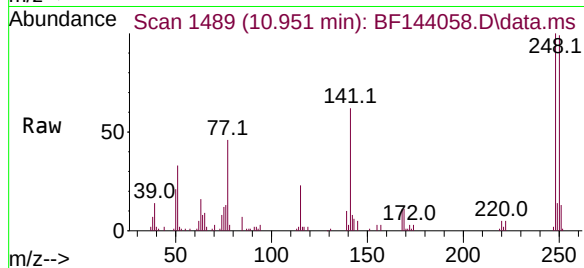




#67
4-Bromophenyl-phenylether
Concen: 10.242 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

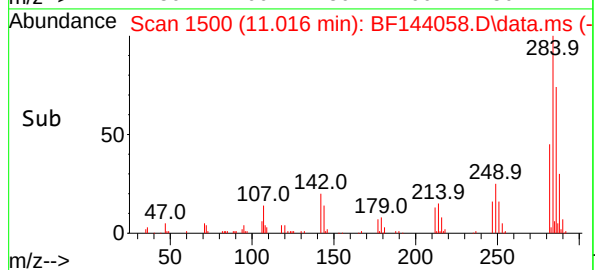
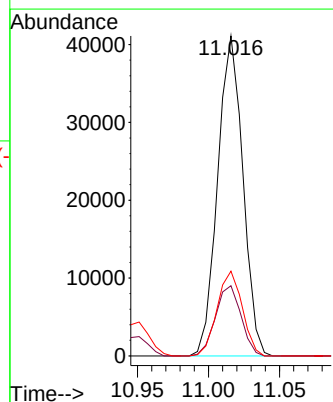
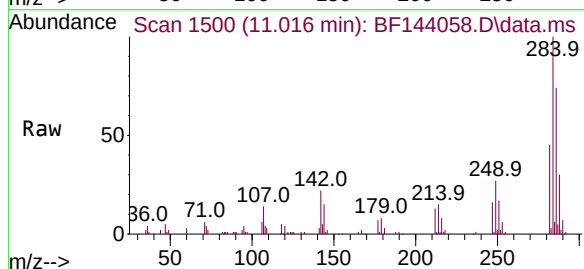
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

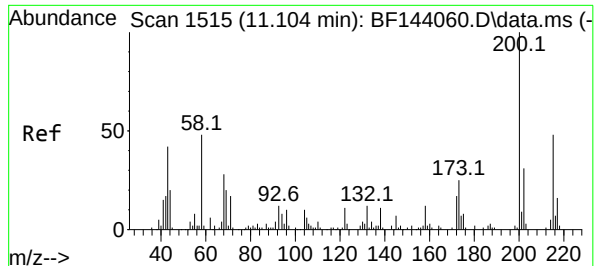
Tgt Ion:248 Resp: 38639
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 62.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 10.990 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:284 Resp: 50850
Ion Ratio Lower Upper
284 100
142 22.0 20.0 30.0
249 26.5 22.2 33.2





#69

Atrazine

Concen: 10.638 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

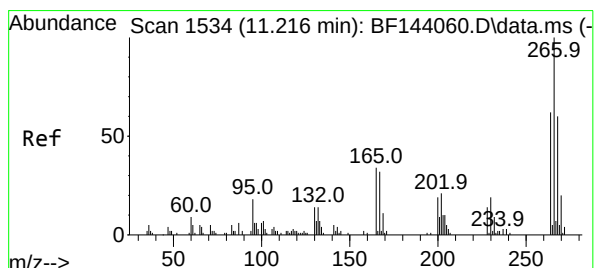
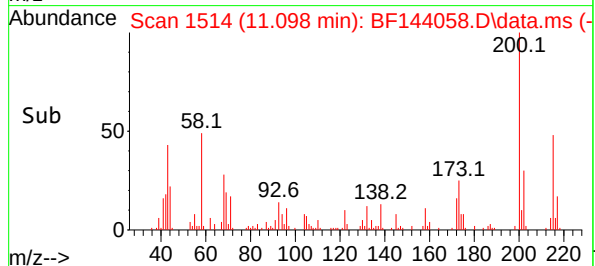
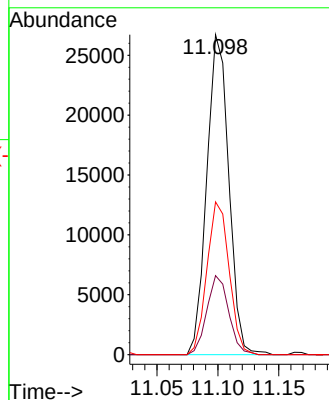
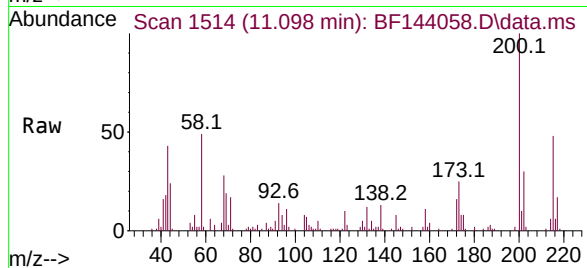
Tgt Ion:200 Resp: 33605

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 8.386 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

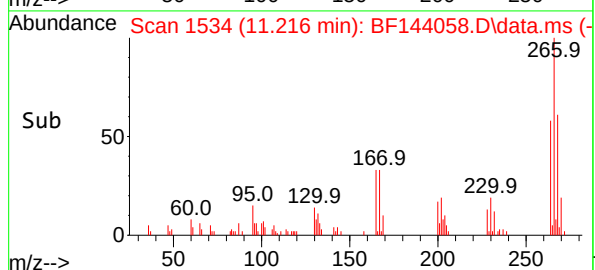
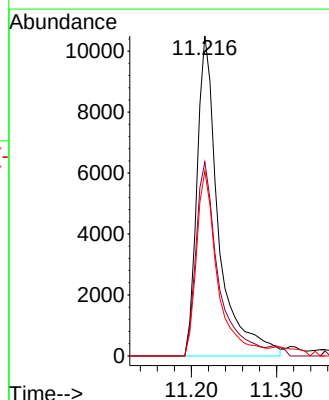
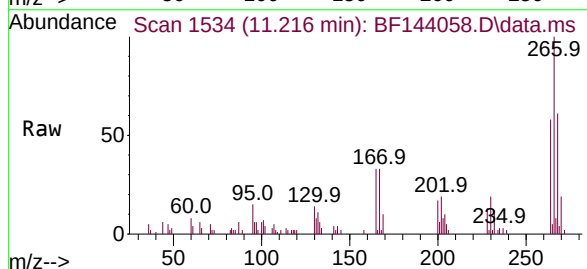
Tgt Ion:266 Resp: 18468

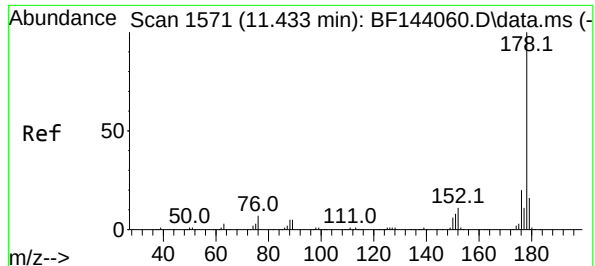
Ion Ratio Lower Upper

266 100

268 60.6 48.2 72.4

264 57.7 49.4 74.0

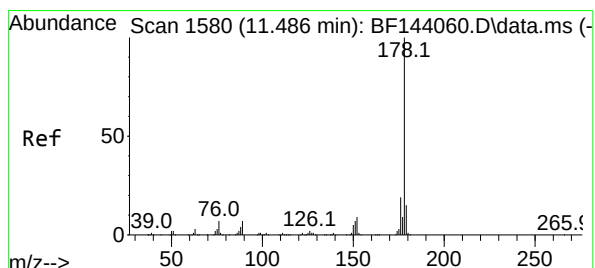
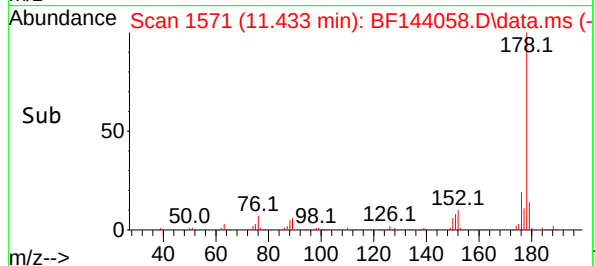
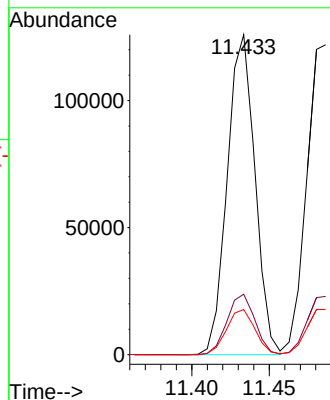
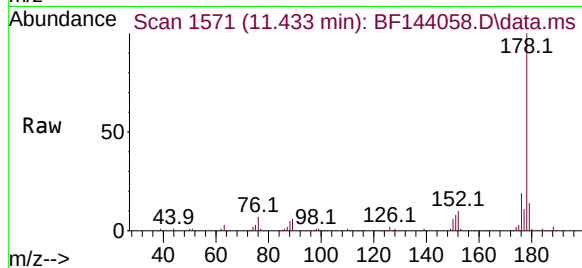




#71
Phenanthrene
Concen: 10.467 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

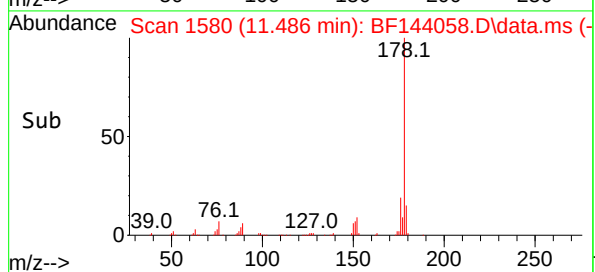
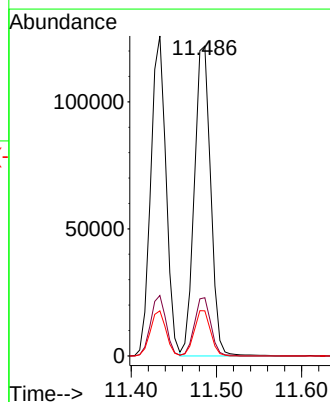
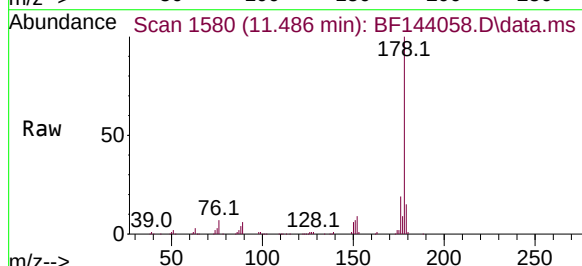
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

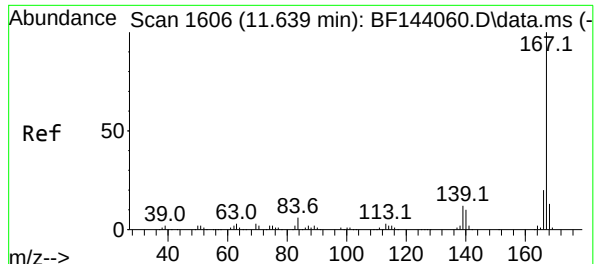
Tgt Ion:178 Resp: 156663
Ion Ratio Lower Upper
178 100
176 18.9 16.3 24.5
179 14.1 12.6 18.8



#72
Anthracene
Concen: 10.491 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:178 Resp: 162203
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 14.5 11.8 17.6

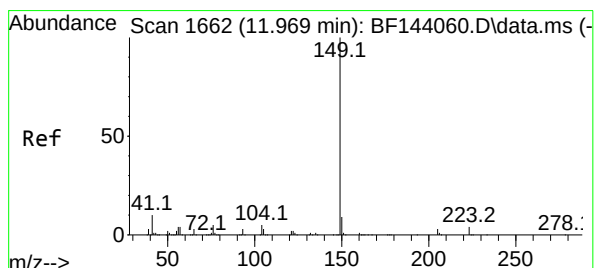
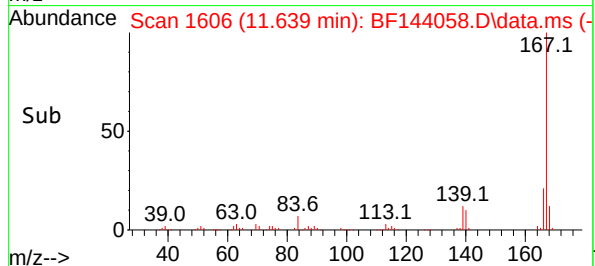
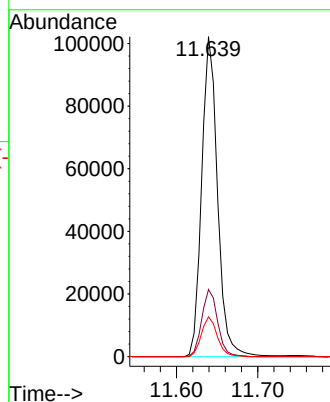
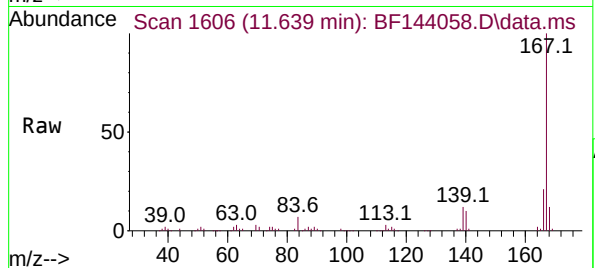




#73
Carbazole
Concen: 10.534 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

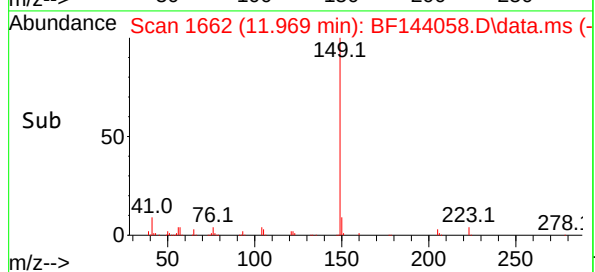
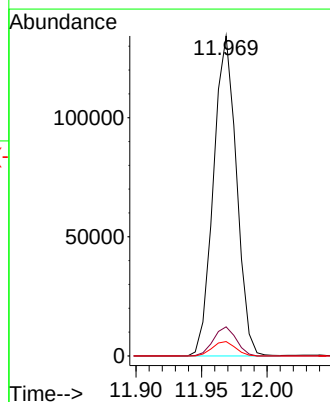
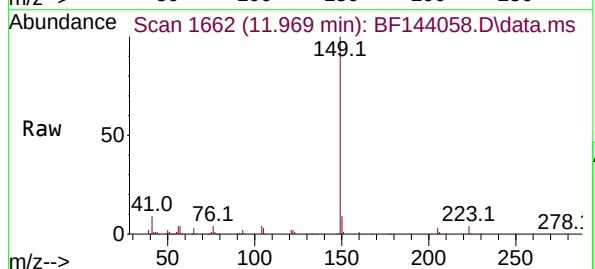
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

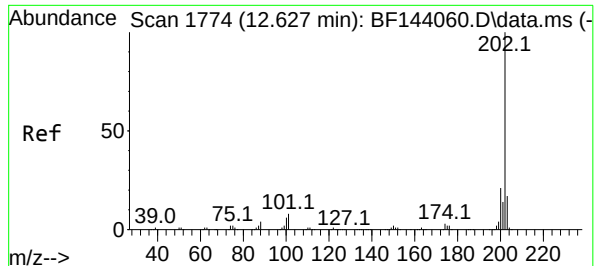
Tgt Ion:167 Resp: 138634
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.4 9.8 14.6



#74
Di-n-butylphthalate
Concen: 10.183 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:149 Resp: 164302
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

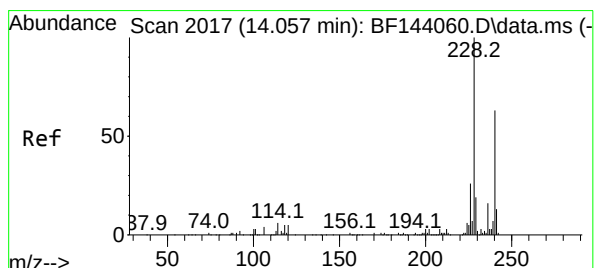
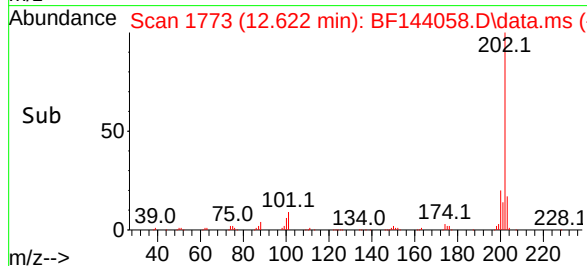
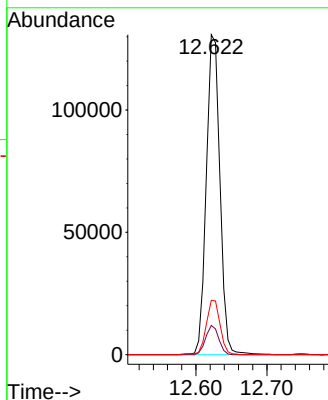
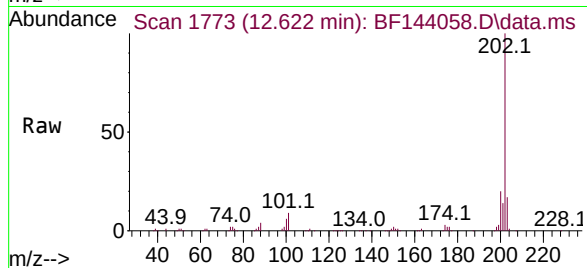




#75
Fluoranthene
Concen: 10.486 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

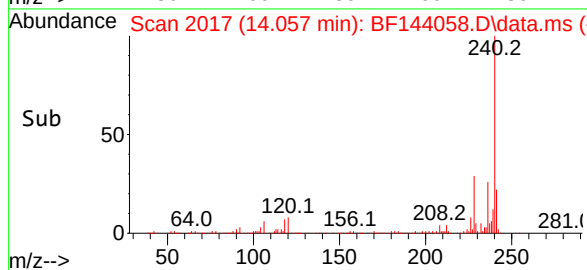
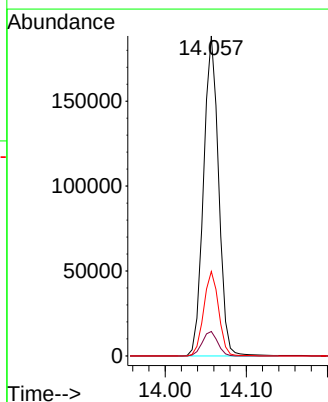
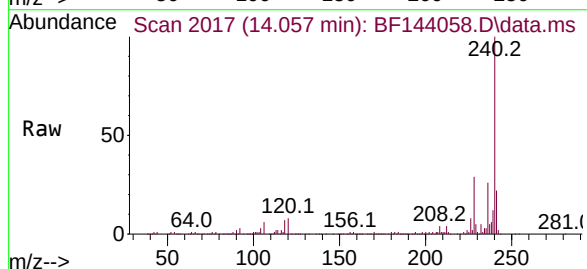
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

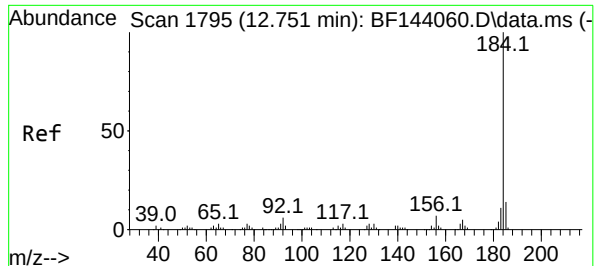
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	27.7
203	17.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	26.4	20.1	30.1





#77

Benzidine

Concen: 11.068 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144058.D

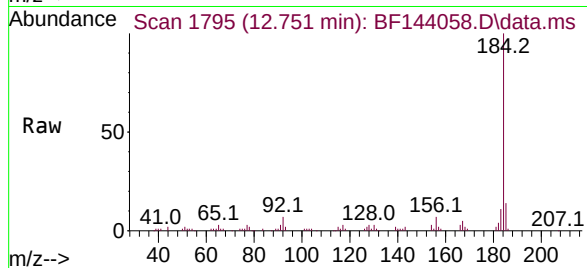
Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

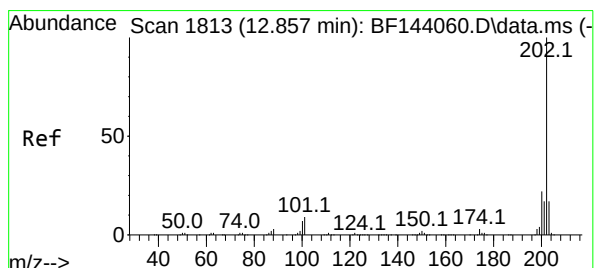
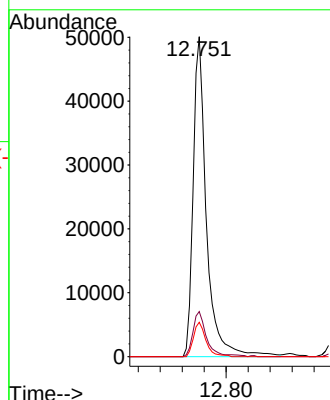
ClientSampleId :

SSTDICC010



Tgt Ion:184 Resp: 83945

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.6	17.4
183	10.7	8.5	12.7



#78

Pyrene

Concen: 10.196 ng

RT: 12.857 min Scan# 1813

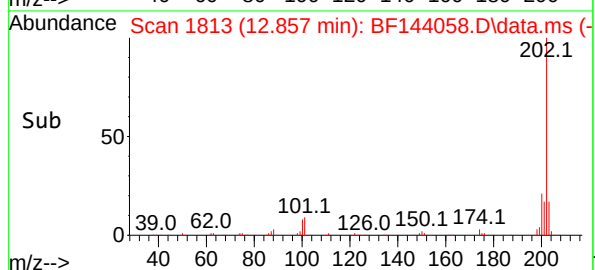
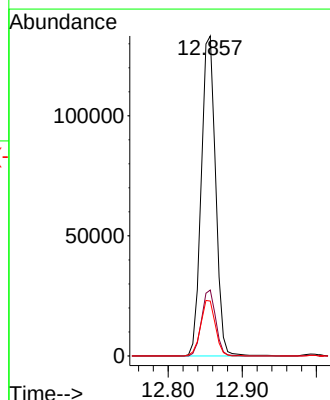
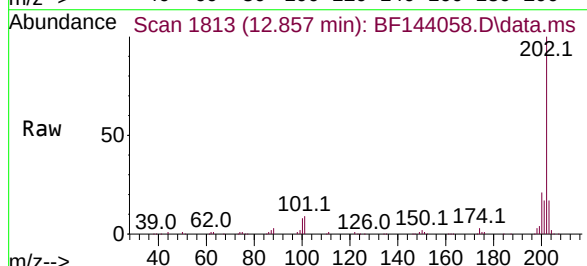
Delta R.T. 0.000 min

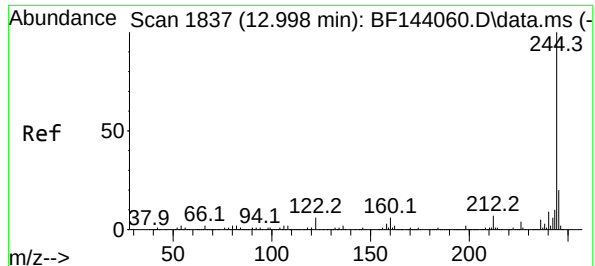
Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:202 Resp: 178638

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	17.1	13.5	20.3





#79

Terphenyl-d14

Concen: 19.833 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

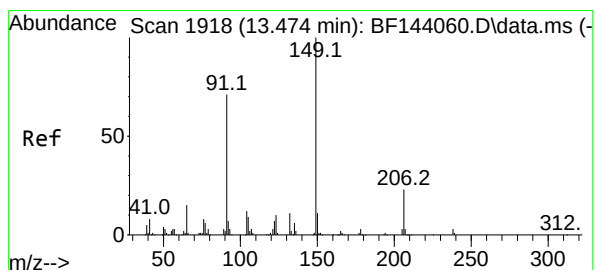
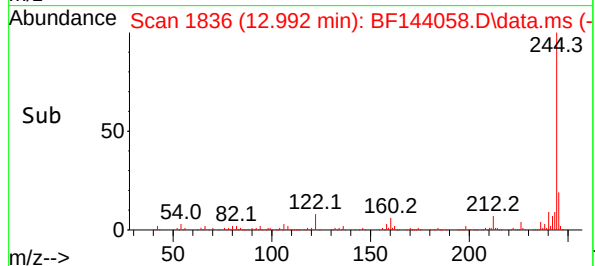
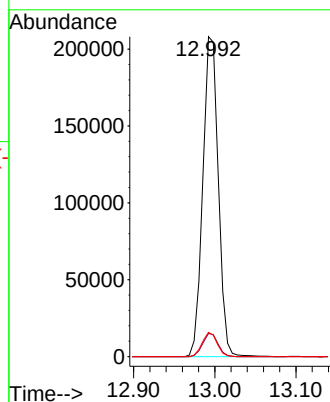
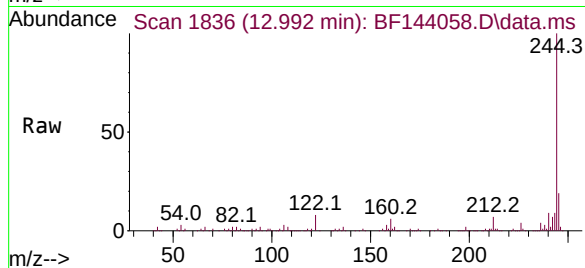
Tgt Ion:244 Resp: 276477

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.6 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 9.964 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

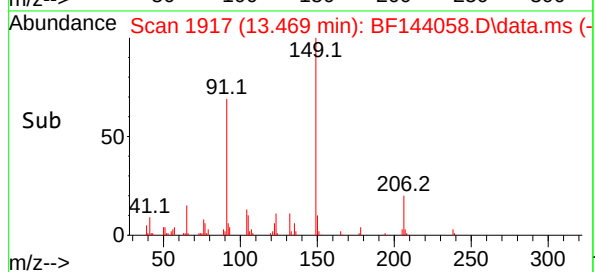
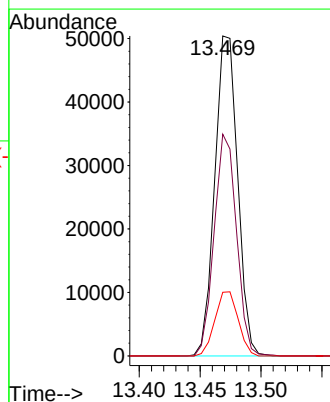
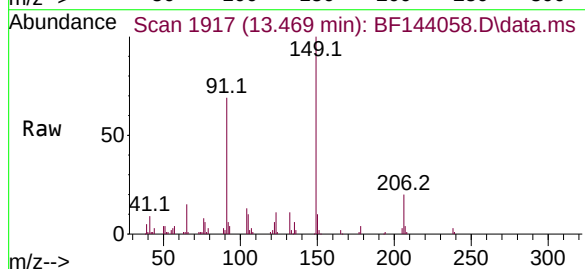
Tgt Ion:149 Resp: 66048

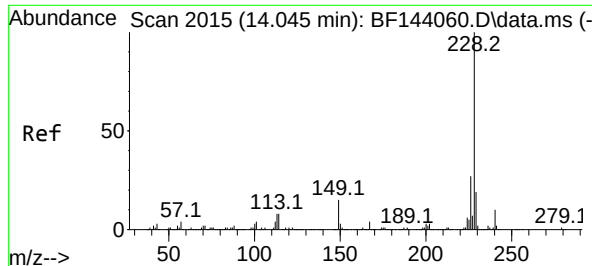
Ion Ratio Lower Upper

149 100

91 69.3 56.6 84.8

206 19.9 18.3 27.5

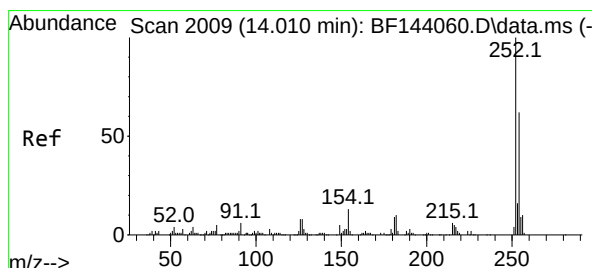
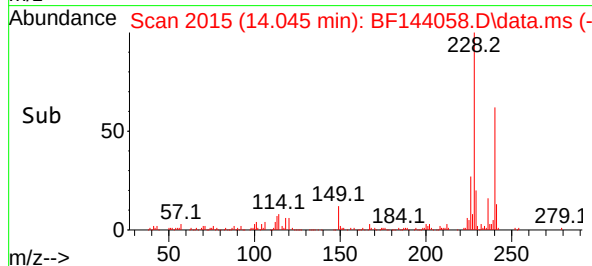
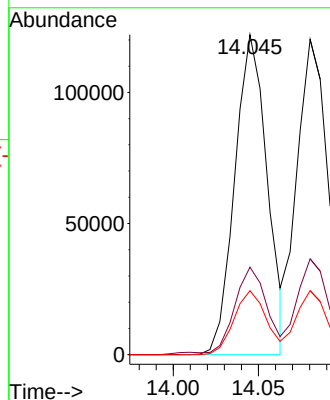
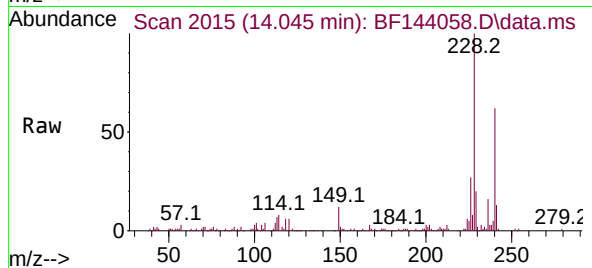




#81
Benzo(a)anthracene
Concen: 9.778 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

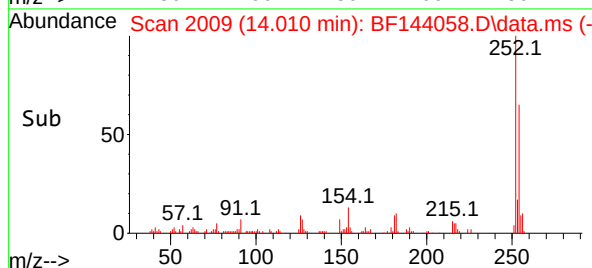
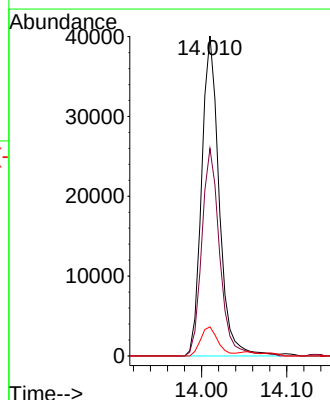
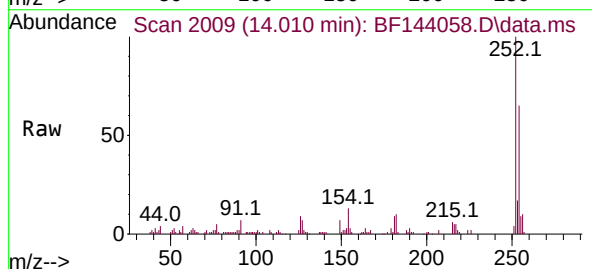
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

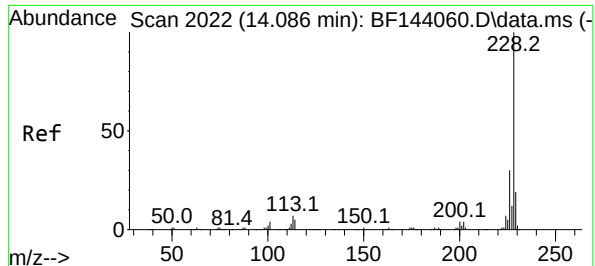
Tgt Ion:228 Resp: 161042
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 20.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 9.963 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:252 Resp: 57120
Ion Ratio Lower Upper
252 100
254 64.8 49.9 74.9
126 9.1 6.5 9.7





#83

Chrysene

Concen: 9.954 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

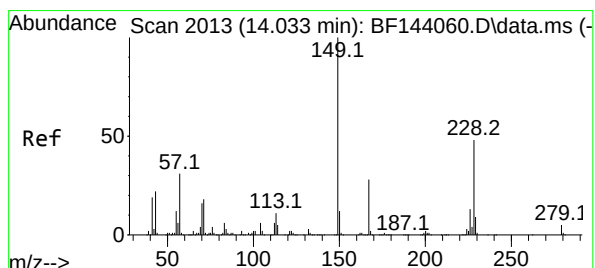
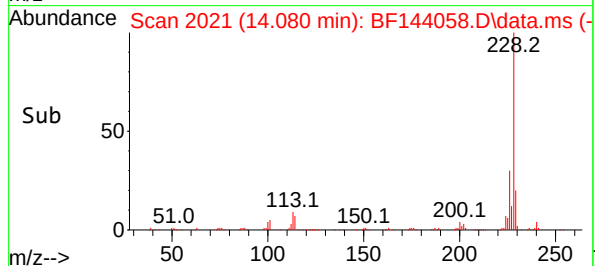
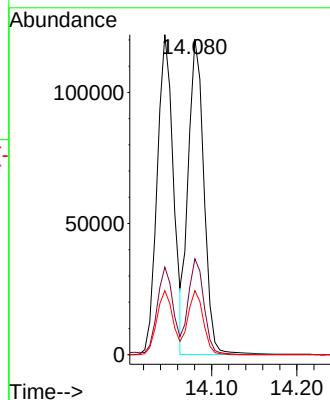
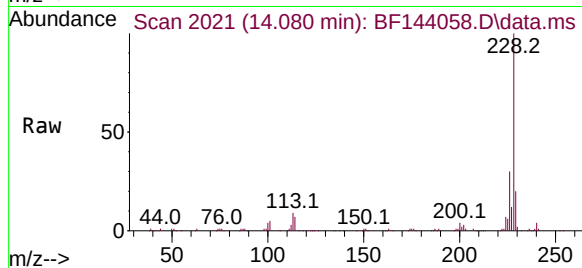
Tgt Ion:228 Resp: 153845

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.765 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

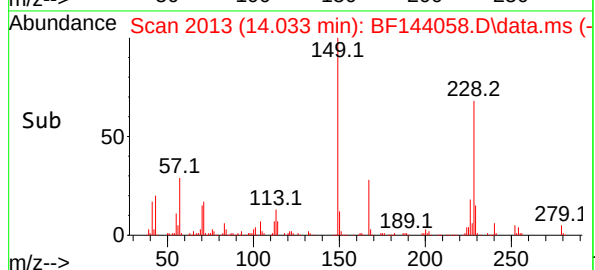
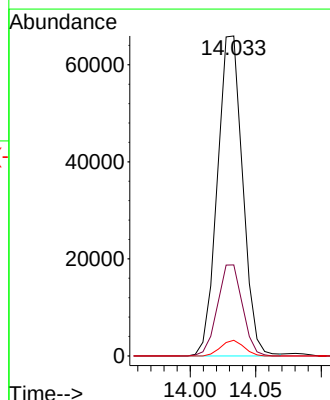
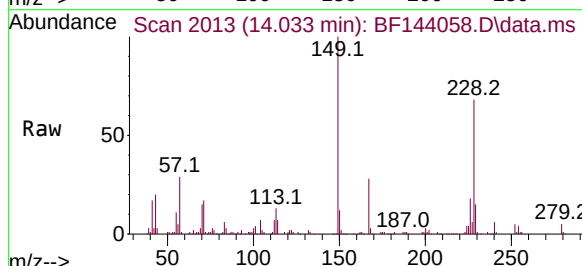
Tgt Ion:149 Resp: 88365

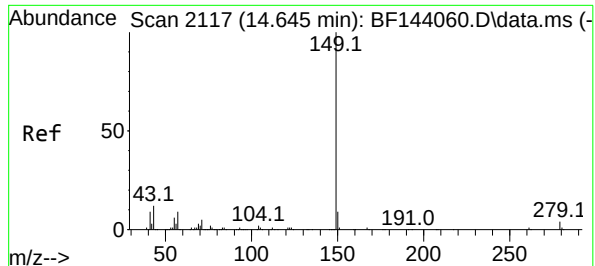
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.9 3.6 5.4

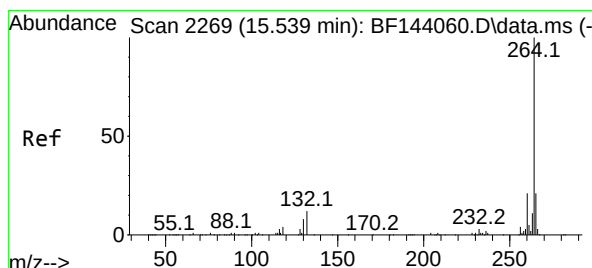
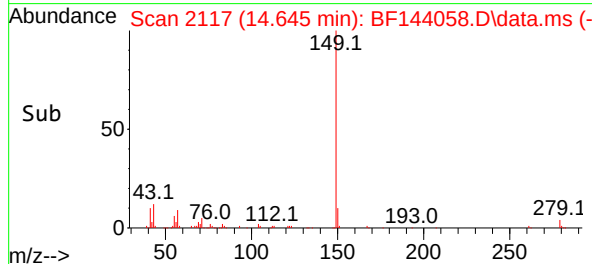
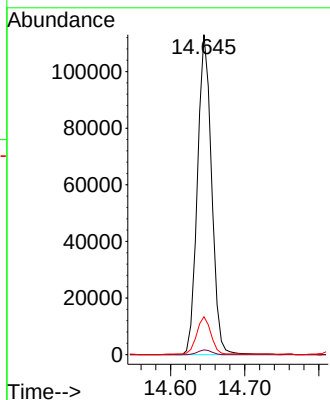
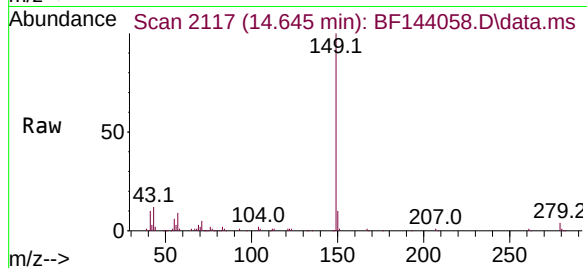




#85
Di-n-octyl phthalate
Concen: 9.616 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

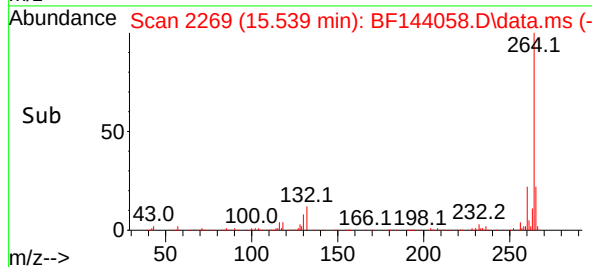
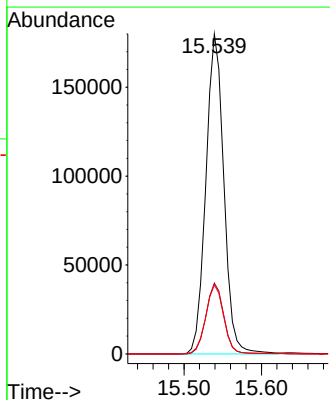
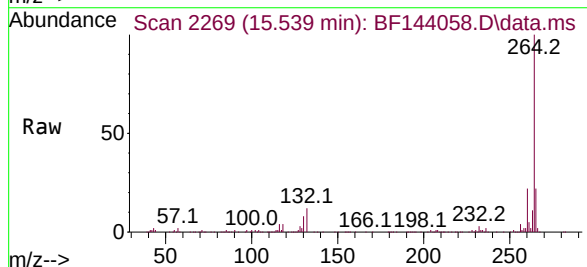
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

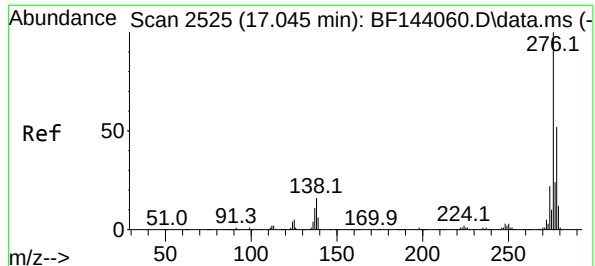
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.8	9.3	13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.0	25.4
265	21.5	16.6	24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.695 ng

RT: 17.039 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

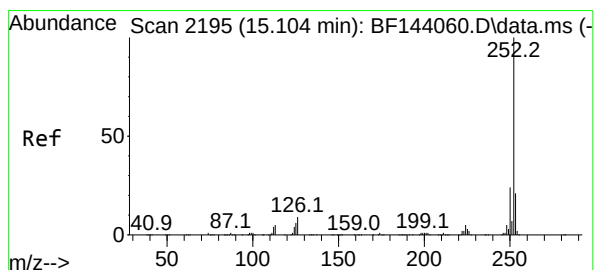
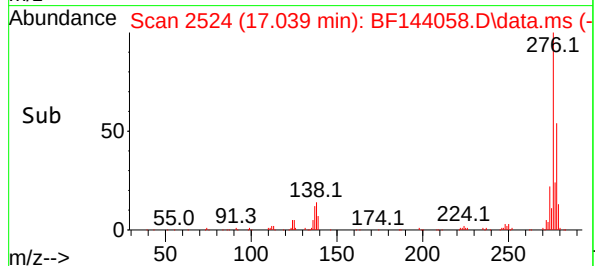
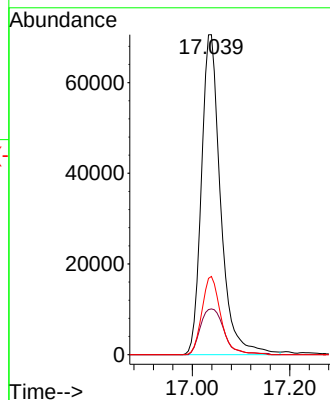
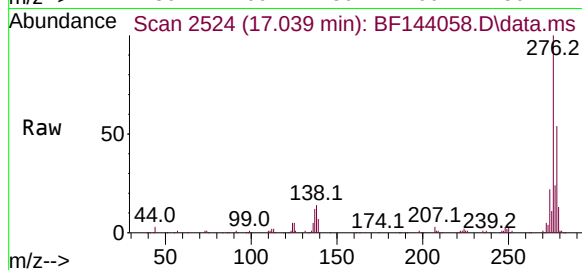
Tgt Ion:276 Resp: 193064

Ion Ratio Lower Upper

276 100

138 17.8 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 9.803 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

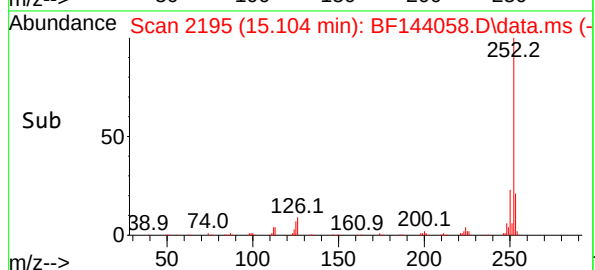
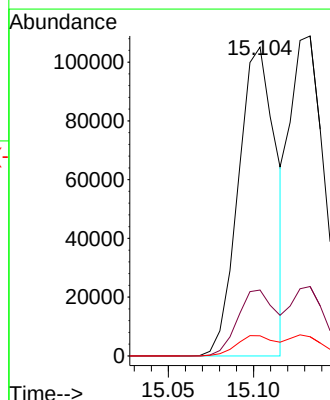
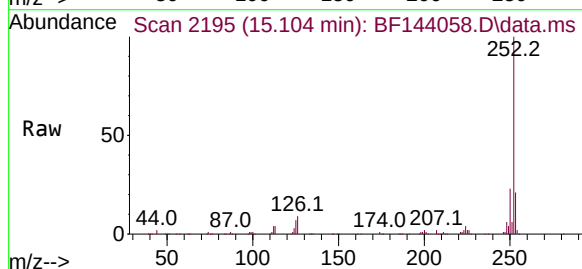
Tgt Ion:252 Resp: 160748

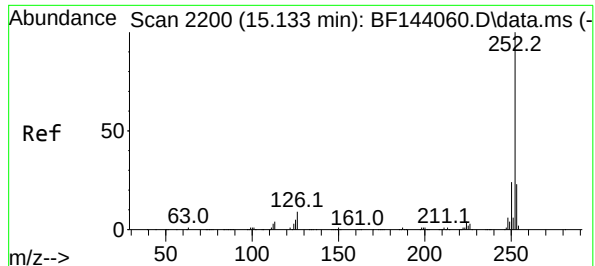
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 6.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 10.320 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

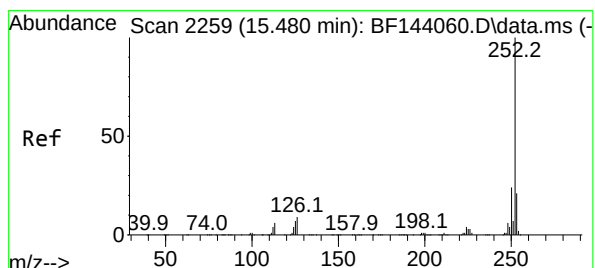
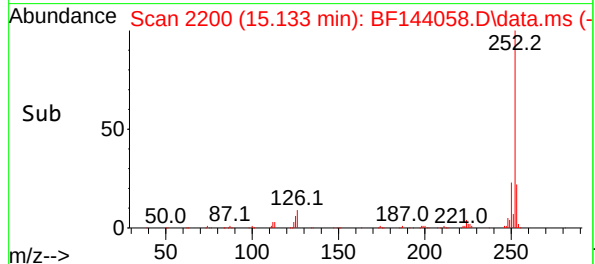
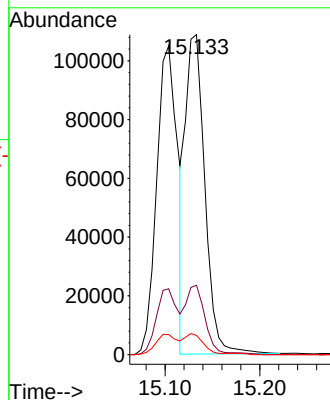
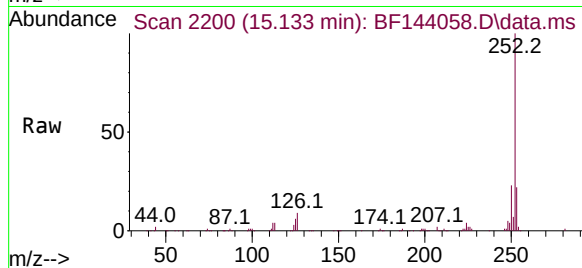
Tgt Ion:252 Resp: 156128

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 9.757 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

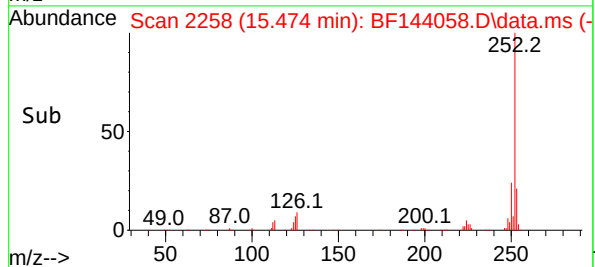
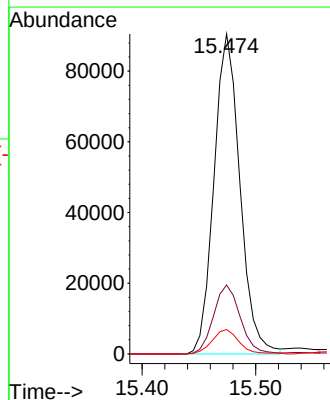
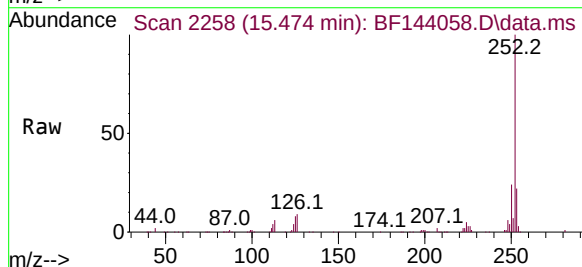
Tgt Ion:252 Resp: 143530

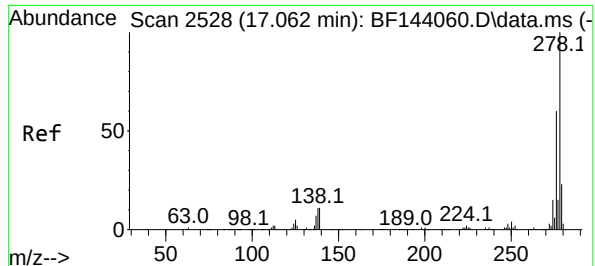
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 7.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 9.766 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

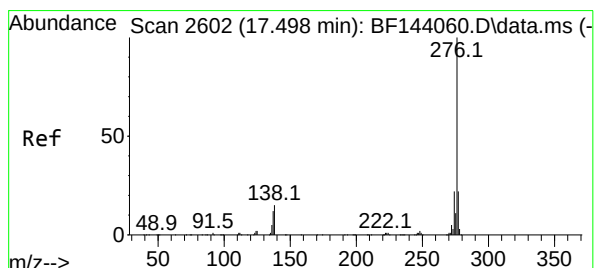
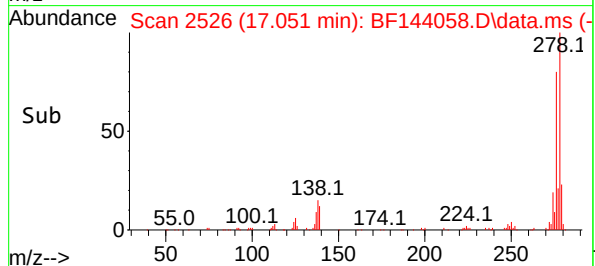
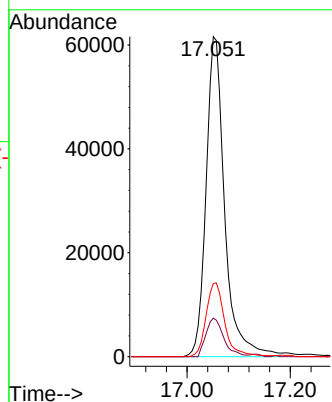
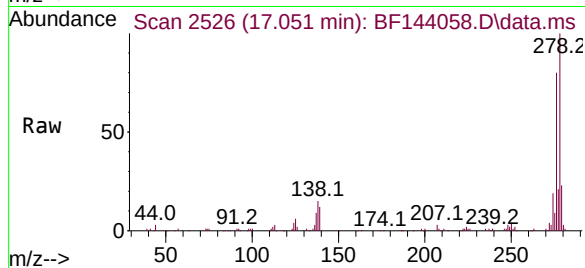
Tgt Ion:278 Resp: 153941

Ion Ratio Lower Upper

278 100

139 12.0 8.5 12.7

279 22.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 9.614 ng

RT: 17.486 min Scan# 2600

Delta R.T. -0.012 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

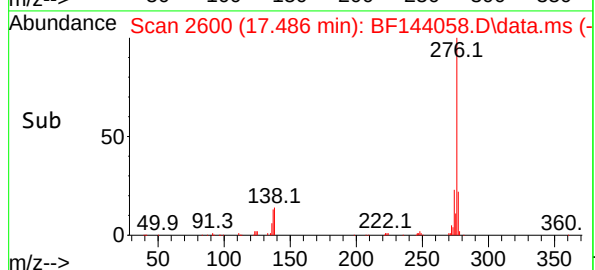
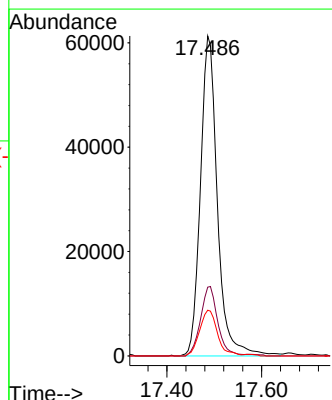
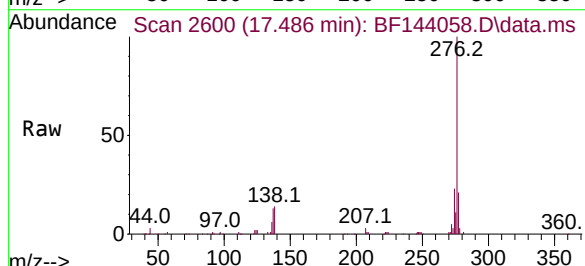
Tgt Ion:276 Resp: 152368

Ion Ratio Lower Upper

276 100

277 21.5 17.9 26.9

138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144059.D
 Acq On : 24 Oct 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	112429	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	417749	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217706	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	369584	20.000	ng	0.00
76) Chrysene-d12	14.063	240	292368	20.000	ng	0.00
86) Perylene-d12	15.545	264	364339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	298616	42.021	ng	0.00
7) Phenol-d6	6.504	99	332945	42.423	ng	0.00
23) Nitrobenzene-d5	7.445	82	312746	41.016	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	111292	40.132	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	614559	39.724	ng	0.00
79) Terphenyl-d14	12.998	244	655393	39.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	54561	17.768	ng	96
3) Pyridine	3.398	79	172002	20.922	ng	97
4) n-Nitrosodimethylamine	3.351	42	108274	21.434	ng	98
6) Aniline	6.545	93	236820	21.092	ng	99
8) 2-Chlorophenol	6.663	128	146877	20.988	ng	100
9) Benzaldehyde	6.434	77	108472	17.802	ng	99
10) Phenol	6.522	94	204649	21.136	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	144490	20.652	ng	99
12) 1,3-Dichlorobenzene	6.822	146	184376	21.358	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178962	21.035	ng	99
14) 1,2-Dichlorobenzene	7.051	146	172463	20.951	ng	100
15) Benzyl Alcohol	7.022	79	138784	21.748	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	281645	21.419	ng	99
17) 2-Methylphenol	7.128	107	115994	21.550	ng	94
18) Hexachloroethane	7.392	117	63937	21.020	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	106671	21.019	ng	97
20) 3+4-Methylphenols	7.281	107	133833	21.033	ng	95
22) Acetophenone	7.286	105	181010	20.050	ng	97
24) Nitrobenzene	7.463	77	168641	20.907	ng	99
25) Isophorone	7.698	82	269356	20.206	ng	98
26) 2-Nitrophenol	7.781	139	81754	21.306	ng	97
27) 2,4-Dimethylphenol	7.810	122	109494	19.202	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	172327	20.729	ng	99
29) 2,4-Dichlorophenol	8.016	162	135856	20.487	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	139458	20.442	ng	99
31) Naphthalene	8.186	128	401788	20.378	ng	99
32) Benzoic acid	7.928	122	83503	23.086	ng	87
33) 4-Chloroaniline	8.233	127	145706	21.228	ng	99
34) Hexachlorobutadiene	8.298	225	114614	20.546	ng	98
35) Caprolactam	8.598	113	34241	20.591	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	119127	20.357	ng	95
37) 2-Methylnaphthalene	8.875	142	263628	20.280	ng	98
38) 1-Methylnaphthalene	8.975	142	246748	20.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150836	20.160	ng	99
41) Hexachlorocyclopentadiene	9.028	237	45275	19.591	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	104484	21.484	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144059.D
 Acq On : 24 Oct 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

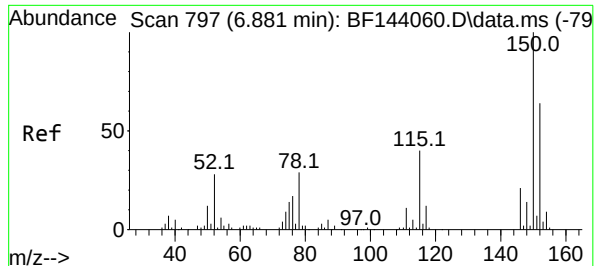
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	105424	20.655	ng	98
46) 1,1'-Biphenyl	9.339	154	313680	20.128	ng	99
47) 2-Chloronaphthalene	9.363	162	268452	20.561	ng	96
48) 2-Nitroaniline	9.463	65	80171	20.678	ng	97
49) Acenaphthylene	9.780	152	362218	20.575	ng	99
50) Dimethylphthalate	9.633	163	290025	20.324	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59905	21.235	ng	100
52) Acenaphthene	9.951	154	246935	21.003	ng	99
53) 3-Nitroaniline	9.875	138	63852	20.358	ng	97
54) 2,4-Dinitrophenol	9.980	184	35229	23.089	ng	94
55) Dibenzofuran	10.127	168	329079	20.162	ng	99
56) 4-Nitrophenol	10.027	139	43333	20.402	ng	90
57) 2,4-Dinitrotoluene	10.104	165	80566	21.160	ng	96
58) Fluorene	10.469	166	246753	19.841	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72554	20.172	ng	# 96
60) Diethylphthalate	10.339	149	270864	20.184	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	142719	20.406	ng	99
62) 4-Nitroaniline	10.486	138	59903	20.157	ng	95
63) Azobenzene	10.622	77	258435	20.346	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	55850	23.553	ng	98
66) n-Nitrosodiphenylamine	10.580	169	242811	20.563	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	91405	19.753	ng	98
68) Hexachlorobenzene	11.016	284	114304	20.141	ng	96
69) Atrazine	11.104	200	80666	20.818	ng	98
70) Pentachlorophenol	11.216	266	55240	20.449	ng	95
71) Phenanthrene	11.433	178	372967	20.315	ng	97
72) Anthracene	11.486	178	380455	20.060	ng	99
73) Carbazole	11.639	167	326491	20.225	ng	98
74) Di-n-butylphthalate	11.969	149	412471	20.841	ng	100
75) Fluoranthene	12.627	202	414382	20.430	ng	99
77) Benzidine	12.751	184	179581	19.736	ng	99
78) Pyrene	12.857	202	416839	19.831	ng	99
80) Butylbenzylphthalate	13.474	149	165613	20.827	ng	98
81) Benzo(a)anthracene	14.045	228	397414	20.114	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	141681	20.599	ng	98
83) Chrysene	14.086	228	366241	19.753	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	222446	20.491	ng	98
85) Di-n-octyl phthalate	14.645	149	378673	20.284	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	507947	20.307	ng	100
88) Benzo(b)fluoranthene	15.104	252	420103	20.396	ng	99
89) Benzo(k)fluoranthene	15.133	252	368139	19.372	ng	100
90) Benzo(a)pyrene	15.480	252	377387	20.423	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	403214	20.364	ng	98
92) Benzo(g,h,i)perylene	17.503	276	409358	20.563	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

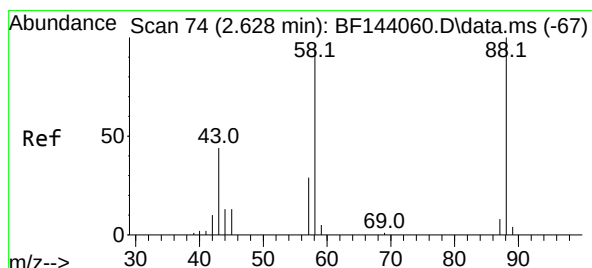
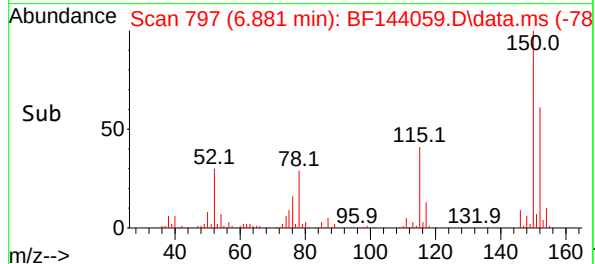
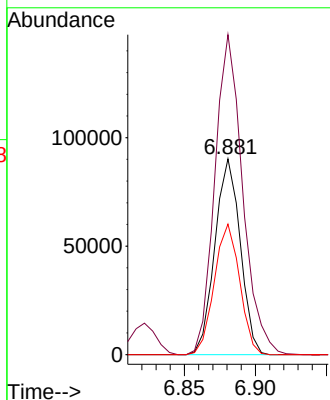
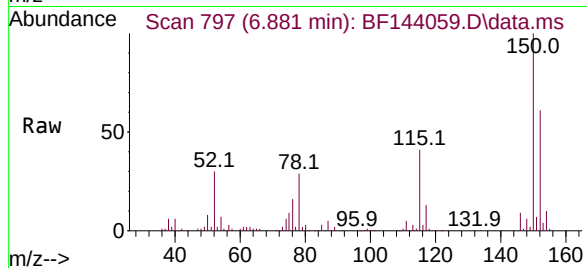
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- 2
- 3
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

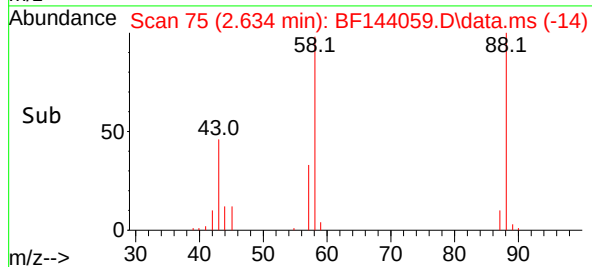
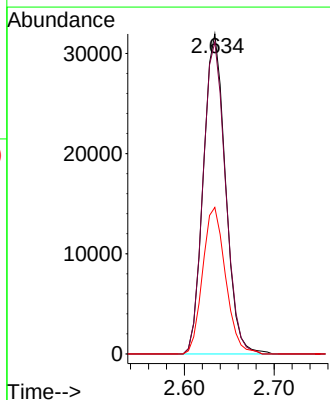
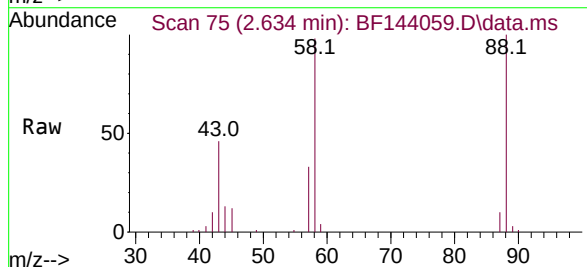
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BNA_F
ClientSampleId :
SSTDICC020

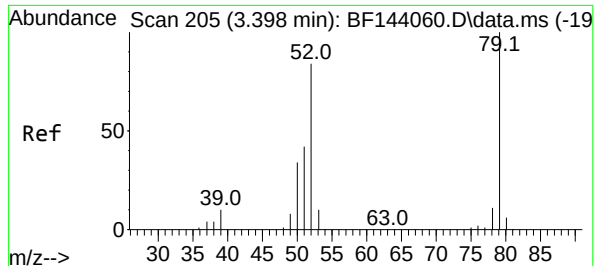
Tgt Ion:152 Resp: 112429
Ion Ratio Lower Upper
152 100
150 163.4 124.4 186.6
115 66.6 49.4 74.0



#2
1,4-Dioxane
Concen: 17.768 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 88 Resp: 54561
Ion Ratio Lower Upper
88 100
58 98.8 76.5 114.7
43 47.5 35.3 52.9

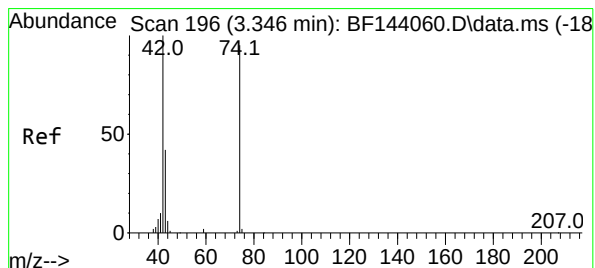
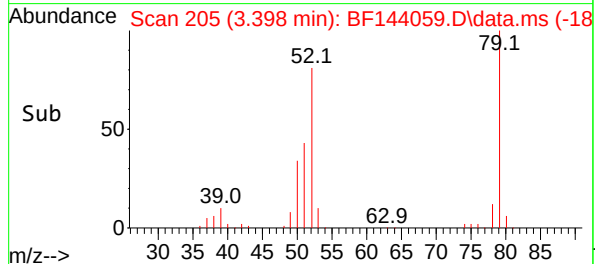
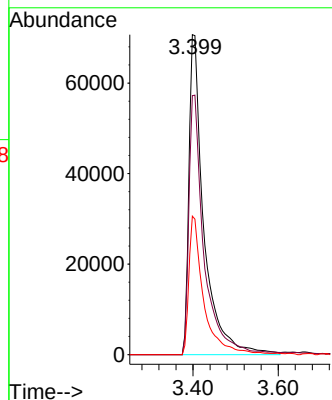
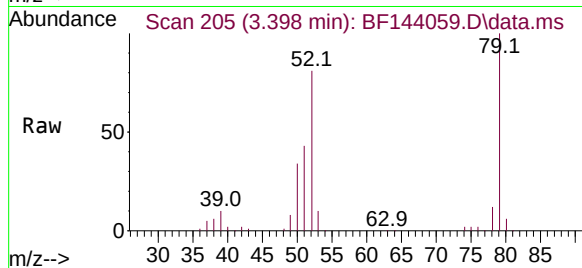




#3
Pyridine
Concen: 20.922 ng
RT: 3.398 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

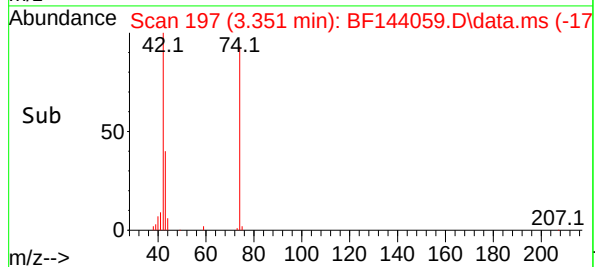
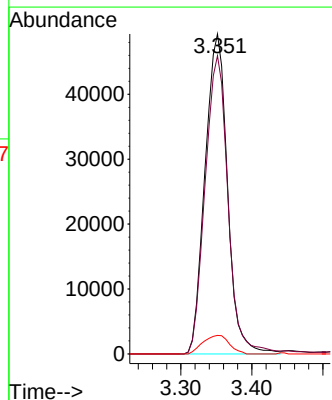
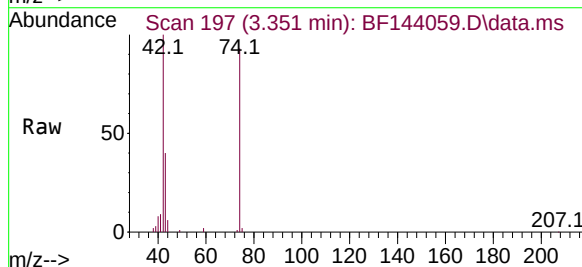
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BNA_F
ClientSampleId :
SSTDICC020

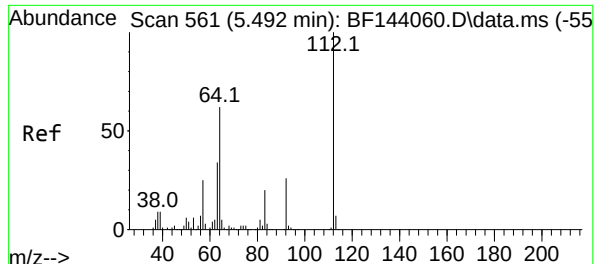
Tgt Ion: 79 Resp: 172002
Ion Ratio Lower Upper
79 100
52 80.9 67.5 101.3
51 43.3 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 21.434 ng
RT: 3.351 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 42 Resp: 108274
Ion Ratio Lower Upper
42 100
74 93.2 76.4 114.6
44 5.8 5.2 7.8

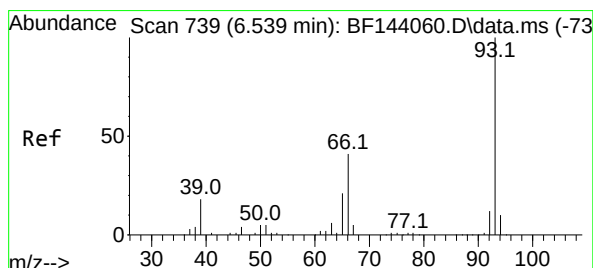
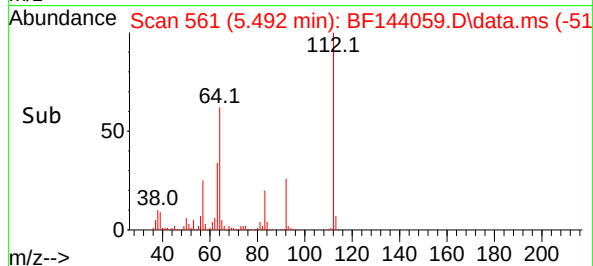
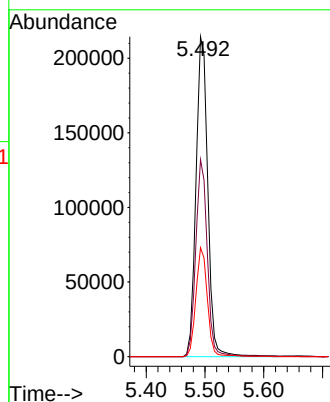
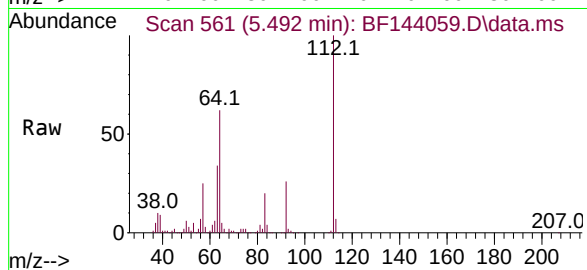




#5
2-Fluorophenol
Concen: 42.021 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

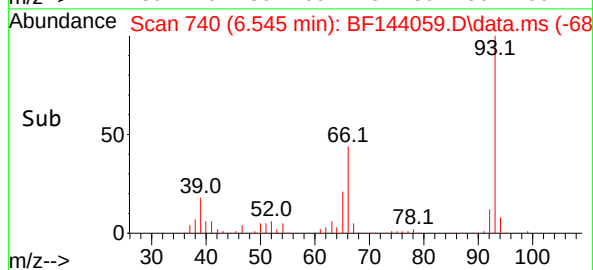
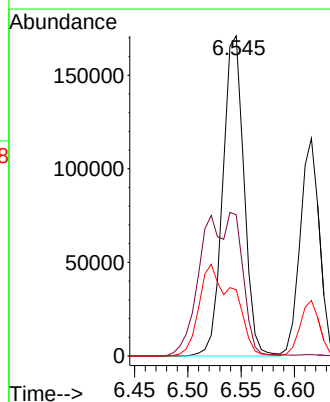
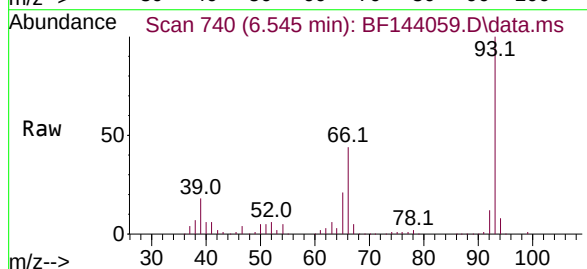
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BNA_F
ClientSampleId :
SSTDICC020

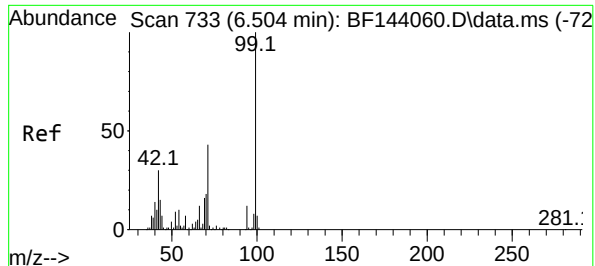
Tgt Ion:112 Resp: 298616
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.8
63 34.0 27.4 41.2



#6
Aniline
Concen: 21.092 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 93 Resp: 236820
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 42.423 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

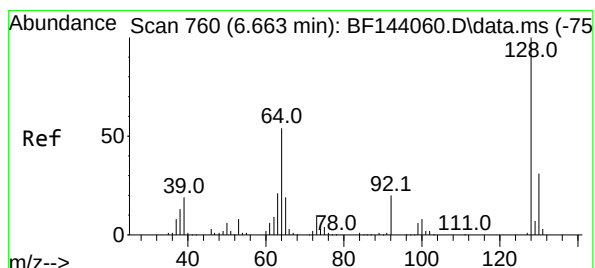
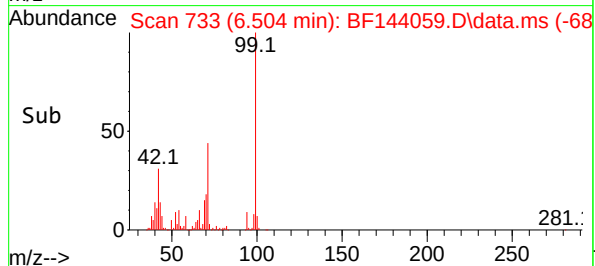
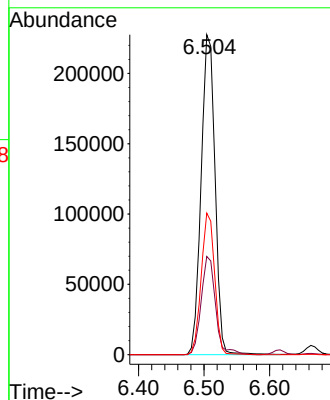
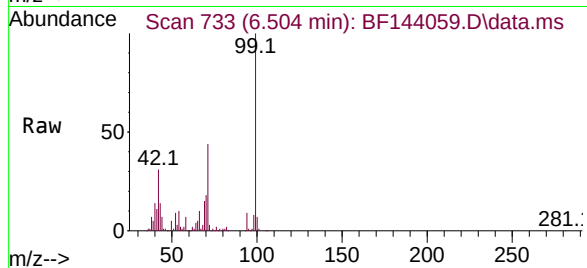
Tgt Ion: 99 Resp: 332945

Ion Ratio Lower Upper

99 100

42 30.7 23.9 35.9

71 44.2 34.4 51.6



#8

2-Chlorophenol

Concen: 20.988 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

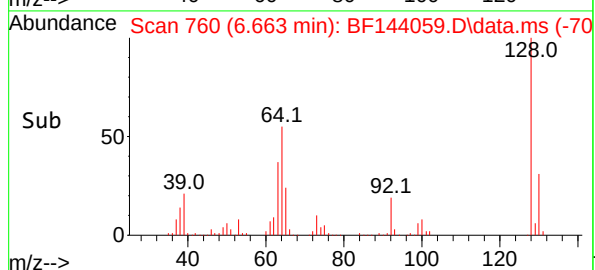
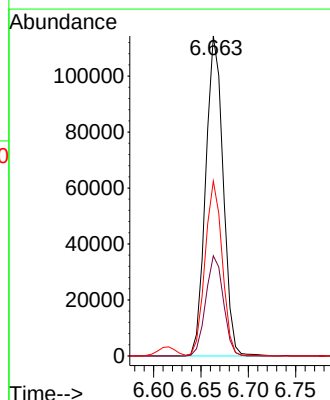
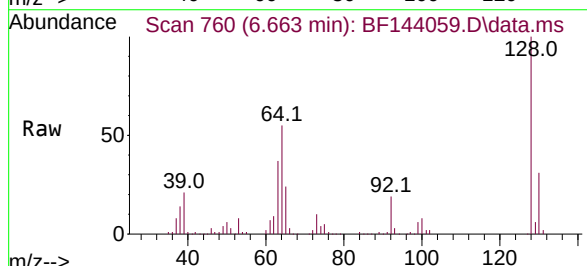
Tgt Ion: 128 Resp: 146877

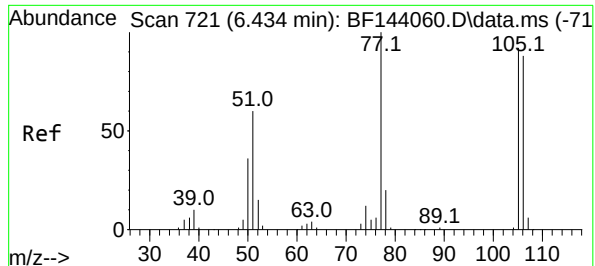
Ion Ratio Lower Upper

128 100

130 31.3 10.7 50.7

64 54.6 34.7 74.7





#9

Benzaldehyde

Concen: 17.802 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

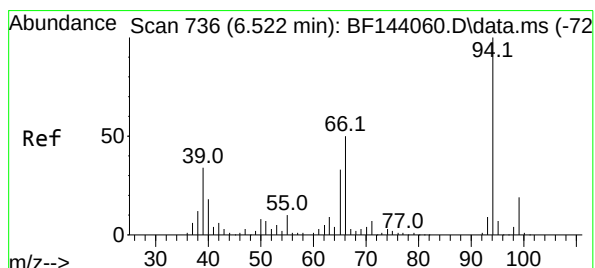
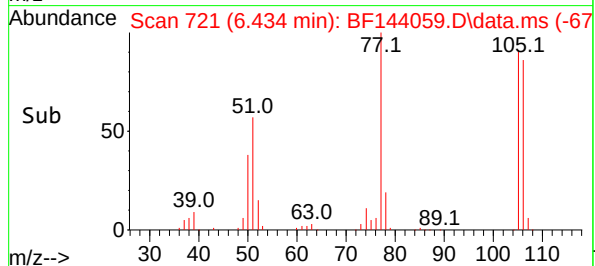
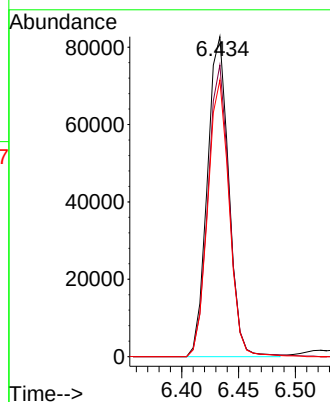
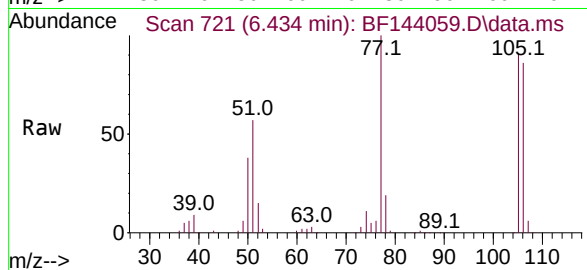
Tgt Ion: 77 Resp: 108472

Ion Ratio Lower Upper

77 100

105 91.1 72.2 112.2

106 86.4 67.9 107.9



#10

Phenol

Concen: 21.136 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

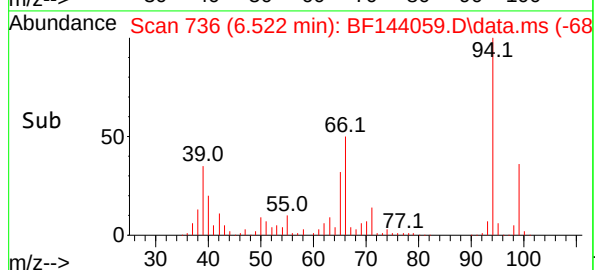
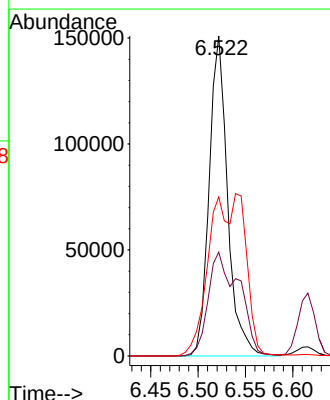
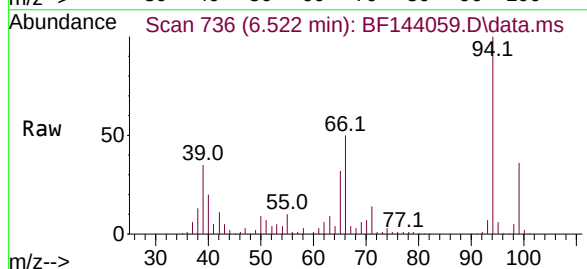
Tgt Ion: 94 Resp: 204649

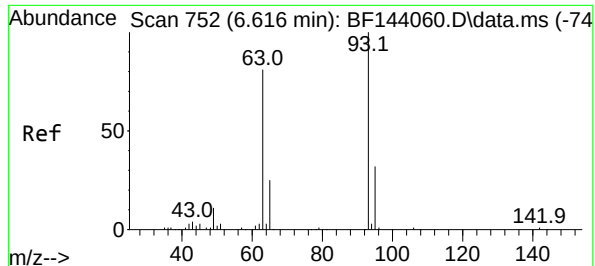
Ion Ratio Lower Upper

94 100

65 32.4 13.1 53.1

66 49.7 30.6 70.6

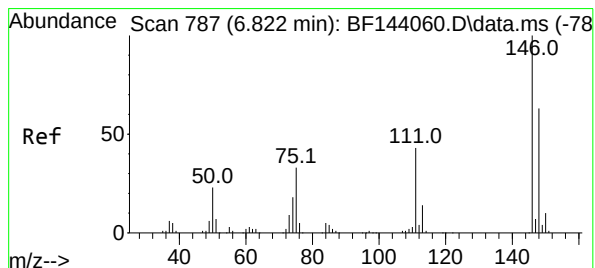
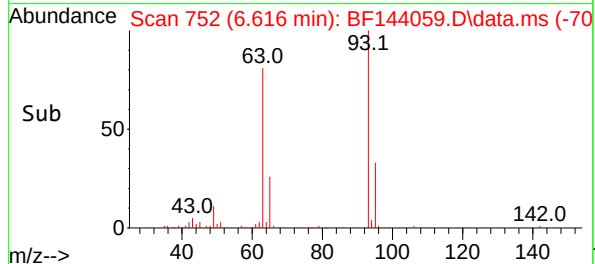
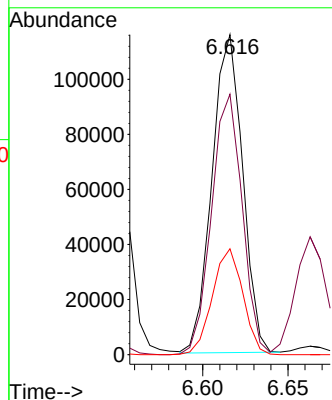
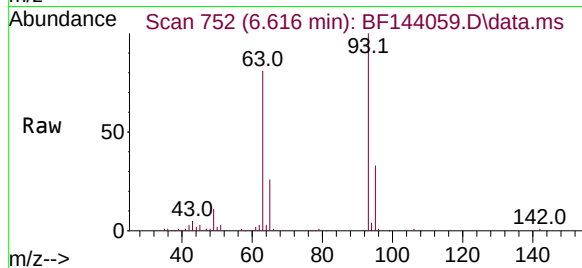




#11
bis(2-Chloroethyl)ether
Concen: 20.652 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

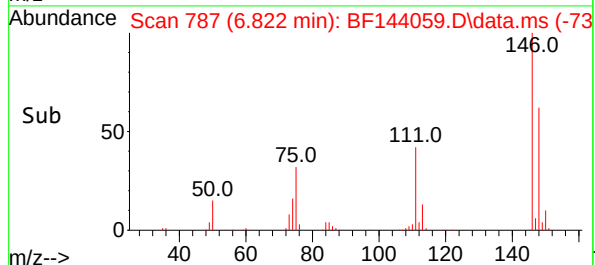
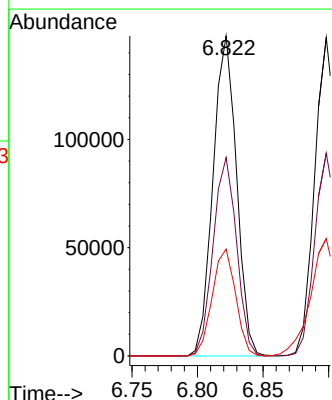
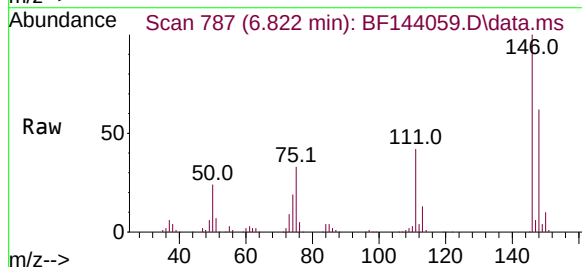
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

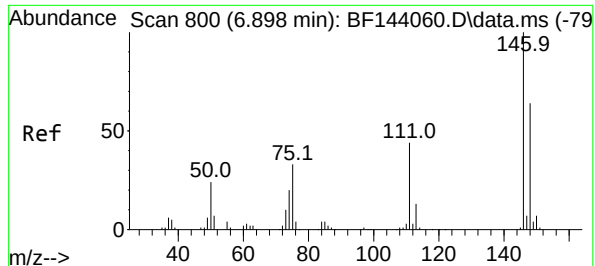
Tgt Ion: 93	Resp: 144490
Ion Ratio	Lower Upper
93	100
63	81.4 60.2 100.2
95	33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 21.358 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 146	Resp: 184376
Ion Ratio	Lower Upper
146	100
148	62.0 50.6 75.8
75	33.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 21.035 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

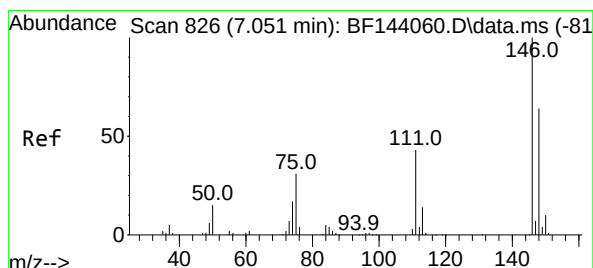
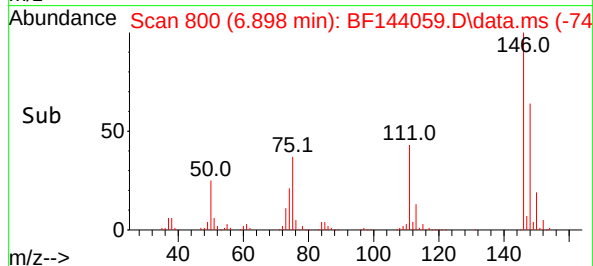
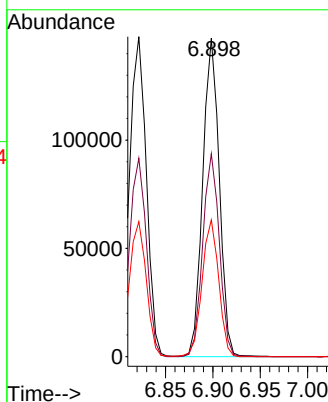
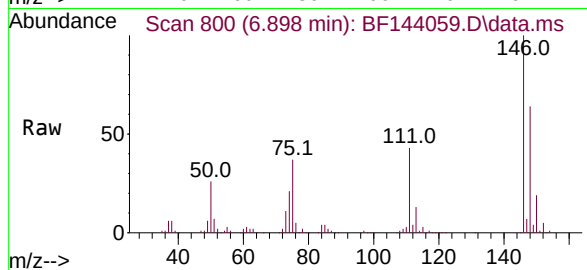
Tgt Ion:146 Resp: 178962

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 42.9 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 20.951 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

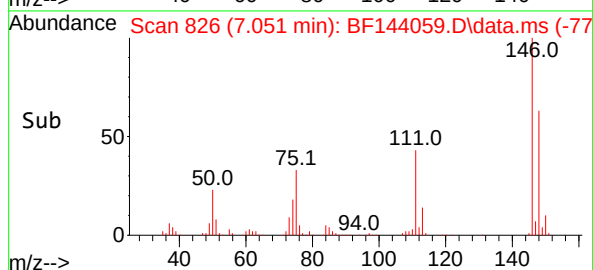
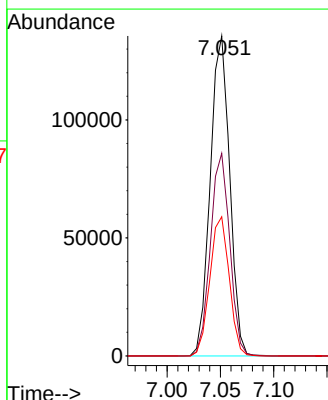
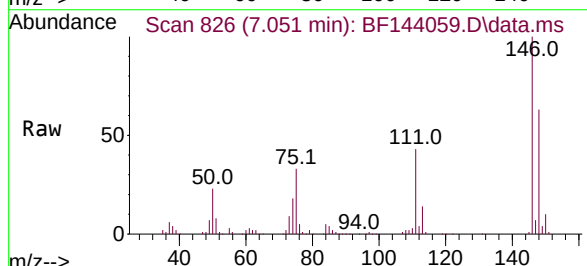
Tgt Ion:146 Resp: 172463

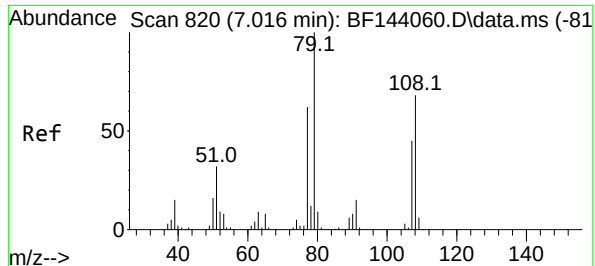
Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

111 43.5 34.7 52.1

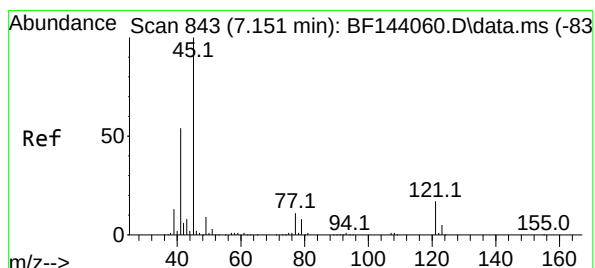
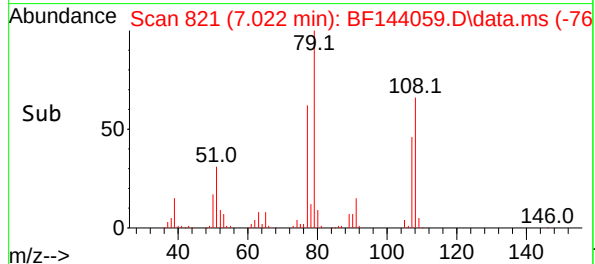
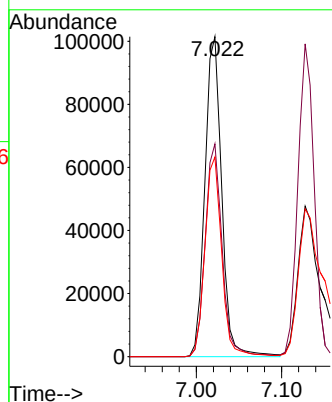
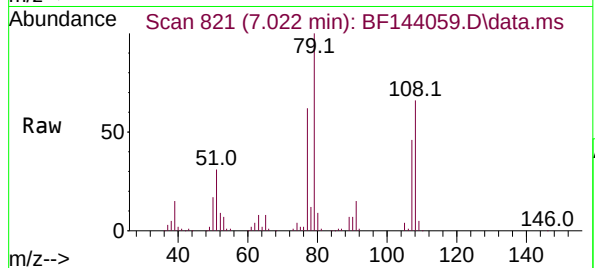




#15
Benzyl Alcohol
Concen: 21.748 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

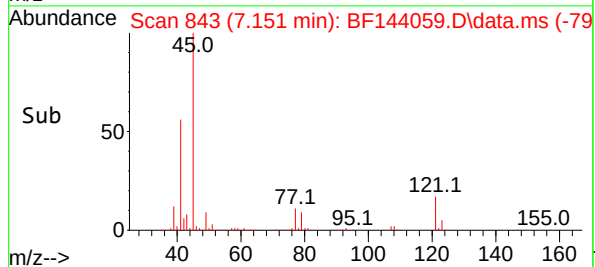
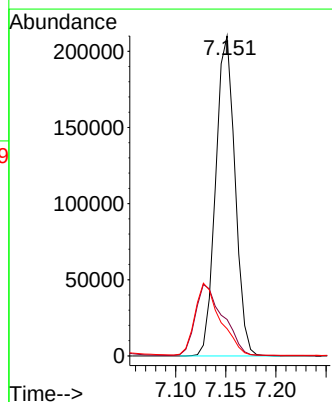
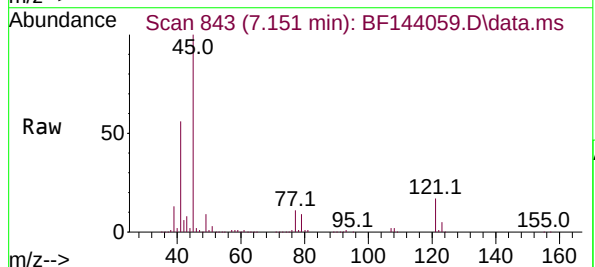
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

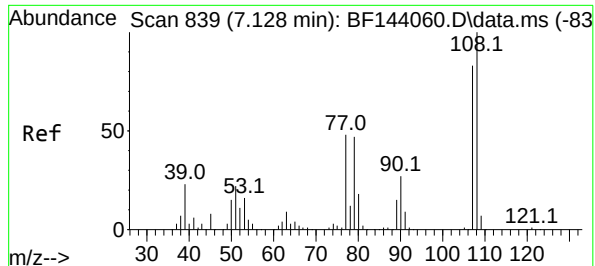
Tgt Ion: 79 Resp: 138784
Ion Ratio Lower Upper
79 100
108 66.5 54.8 82.2
77 62.4 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.419 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 45 Resp: 281645
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.9
79 8.5 0.0 28.2

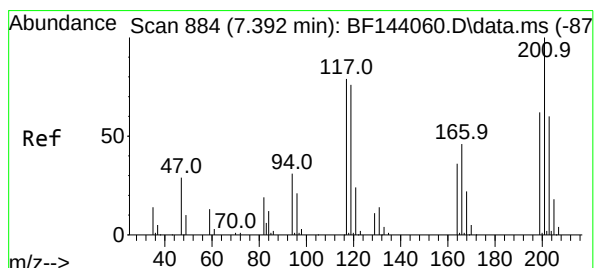
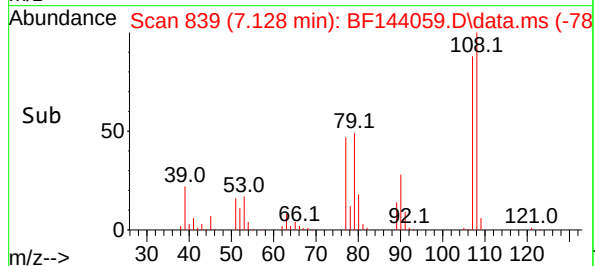
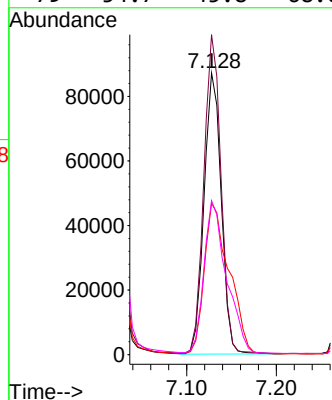
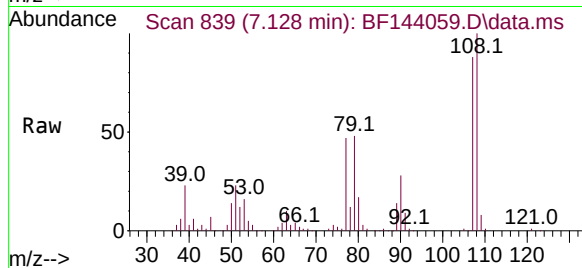




#17
2-Methylphenol
Concen: 21.550 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

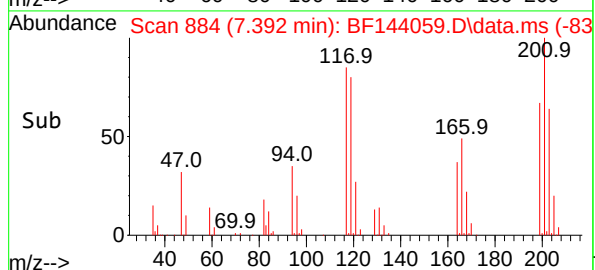
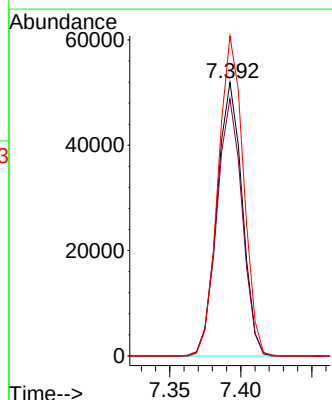
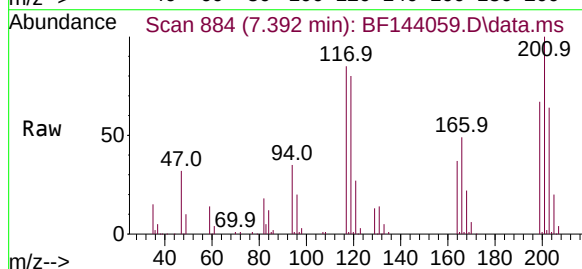
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

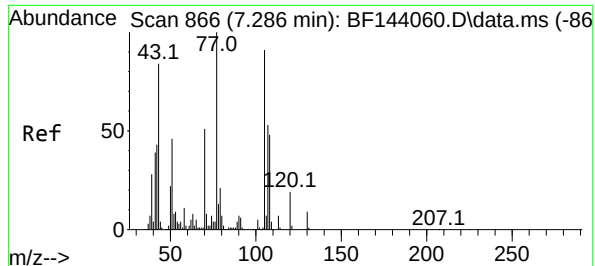
Tgt Ion:	107	Resp:	115994
Ion	Ratio	Lower	Upper
107	100		
108	113.6	96.4	144.6
77	53.7	46.8	70.2
79	54.7	45.8	68.6



#18
Hexachloroethane
Concen: 21.020 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:	117	Resp:	63937
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.6	115.0
201	117.0	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 21.019 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 106671

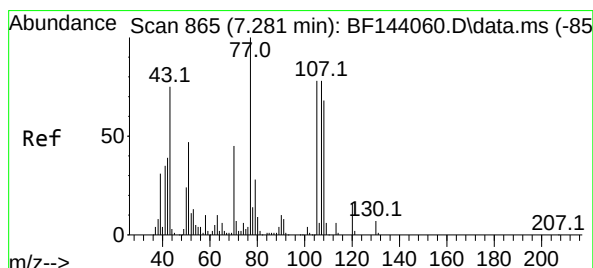
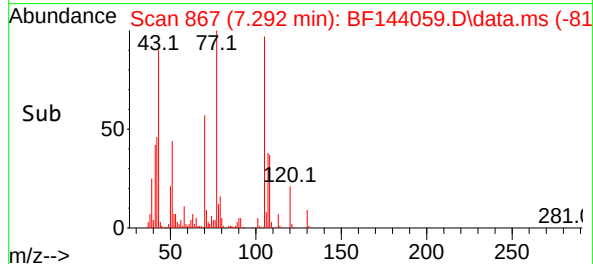
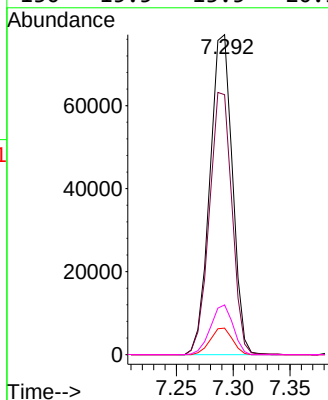
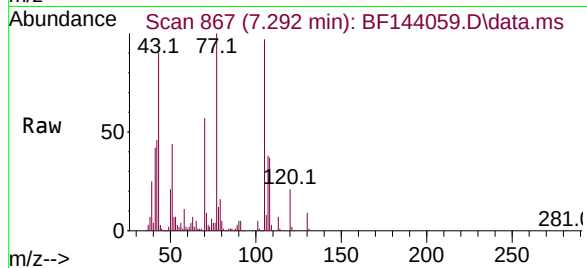
Ion Ratio Lower Upper

70 100

42 81.2 67.4 101.0

101 8.3 7.1 10.7

130 15.5 13.5 20.3



#20

3+4-Methylphenols

Concen: 21.033 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion: 107 Resp: 133833

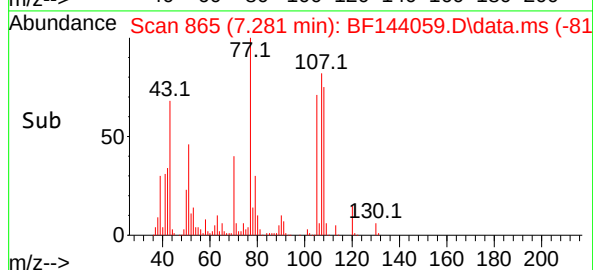
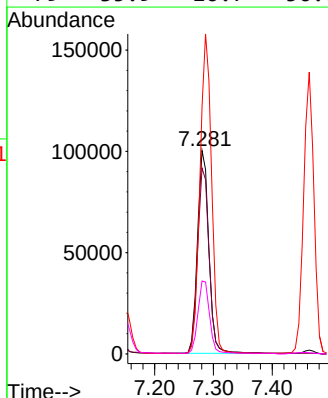
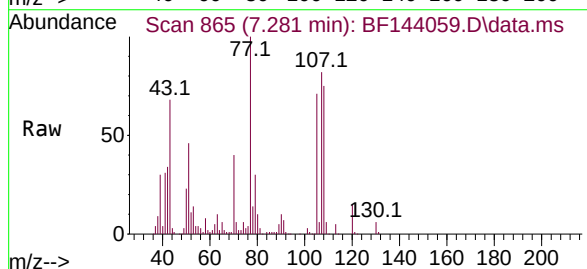
Ion Ratio Lower Upper

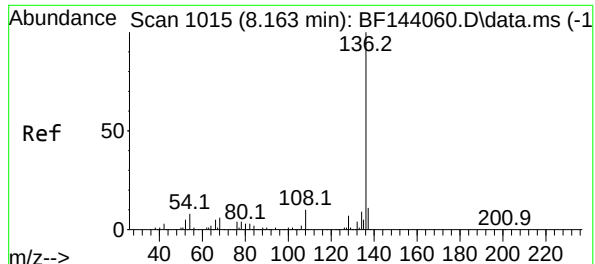
107 100

108 91.4 68.0 108.0

77 121.6 108.7 148.7

79 35.9 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 417749

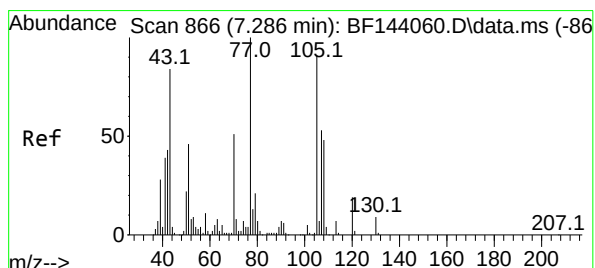
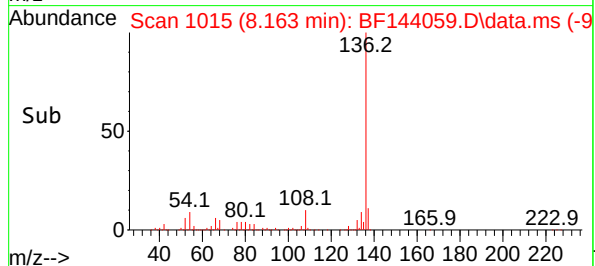
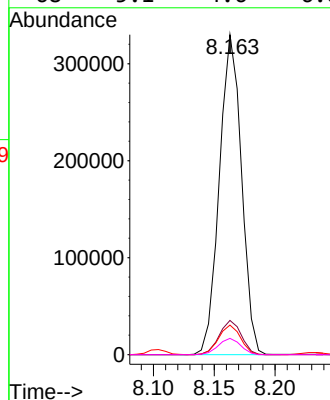
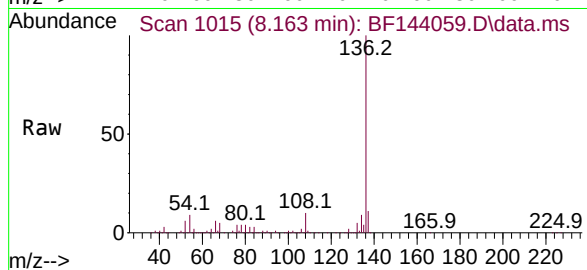
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.2 6.6 9.8

68 5.1 4.6 6.8



#22

Acetophenone

Concen: 20.050 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:105 Resp: 181010

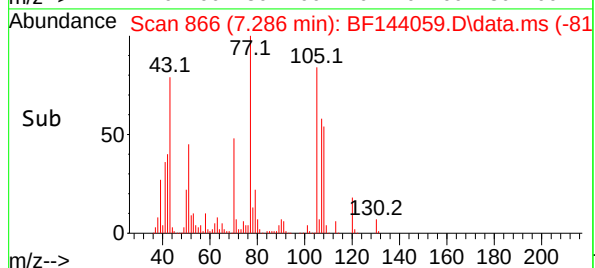
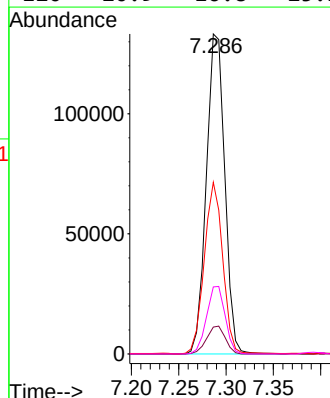
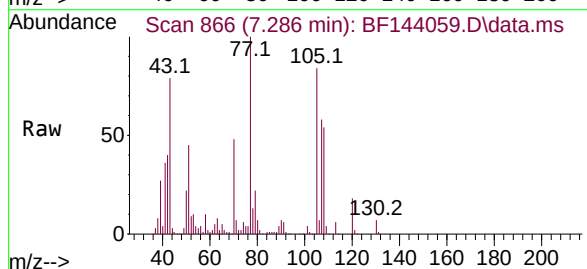
Ion Ratio Lower Upper

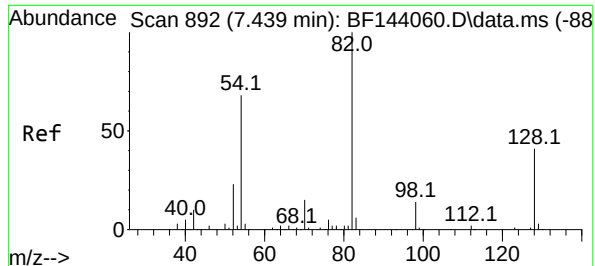
105 100

71 8.4 6.9 10.3

51 53.6 40.6 60.8

120 20.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 41.016 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

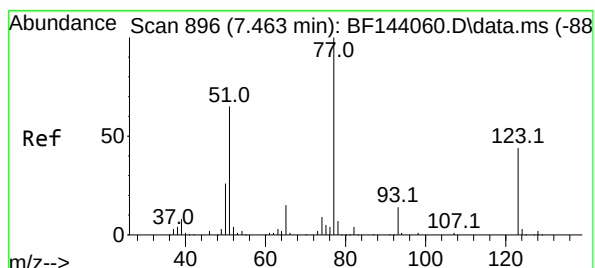
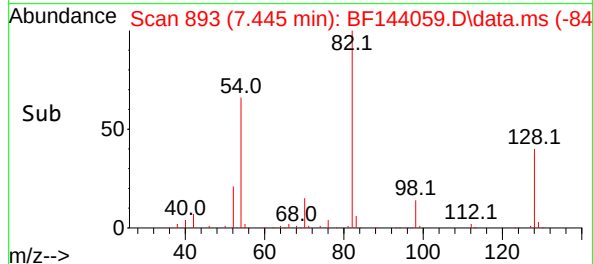
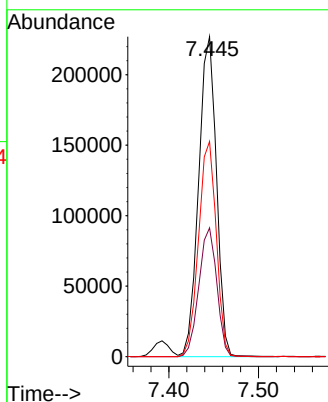
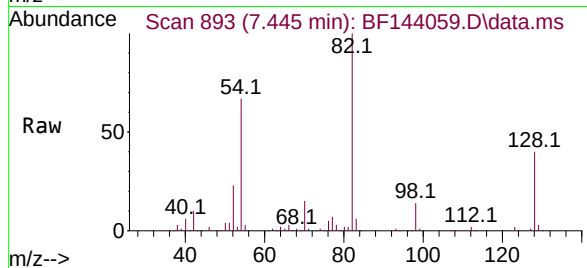
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 312746

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.4	48.6
54	67.2	54.0	81.0



#24

Nitrobenzene

Concen: 20.907 ng

RT: 7.463 min Scan# 896

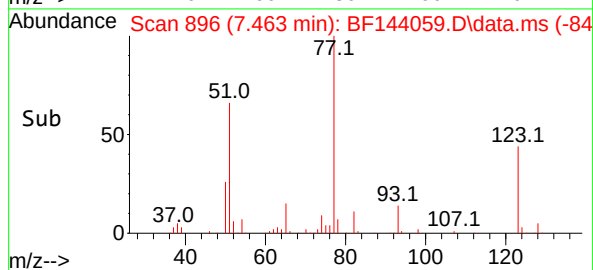
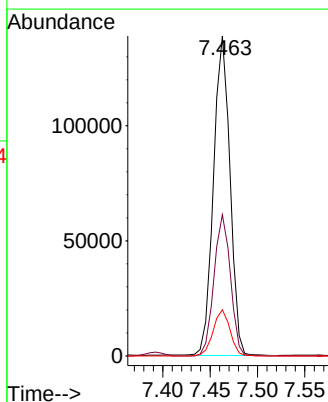
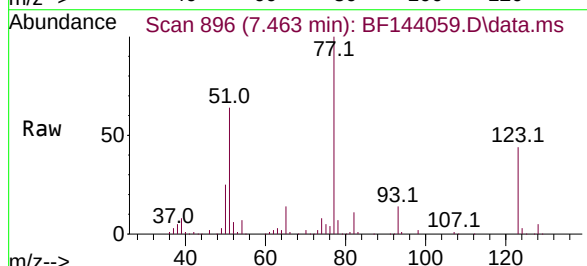
Delta R.T. 0.000 min

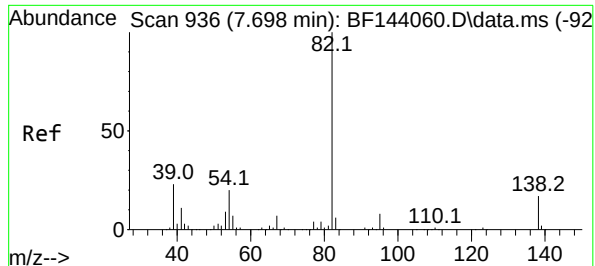
Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion: 77 Resp: 168641

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.0	52.6
65	14.4	12.2	18.2





#25

Isophorone

Concen: 20.206 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

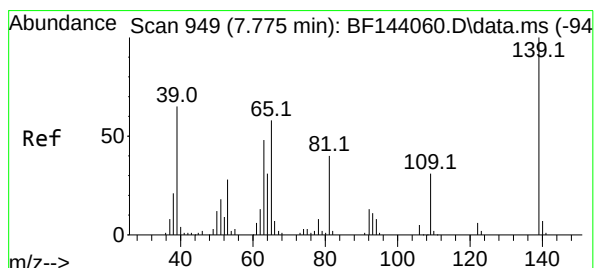
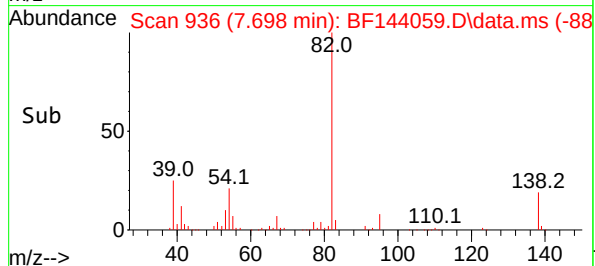
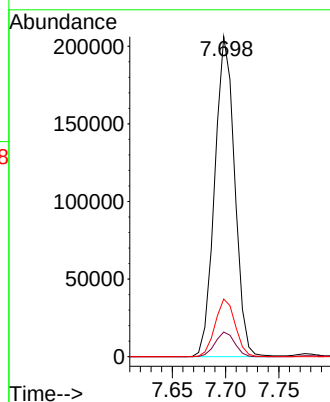
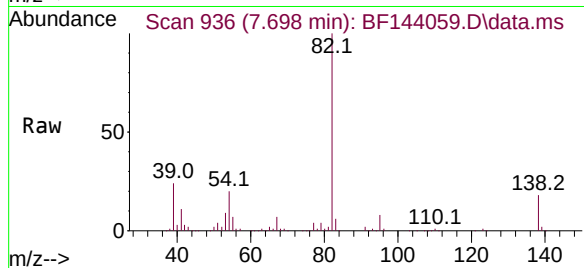
Tgt Ion: 82 Resp: 269356

Ion Ratio Lower Upper

82 100

95 7.7 6.6 9.8

138 18.0 13.8 20.8



#26

2-Nitrophenol

Concen: 21.306 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

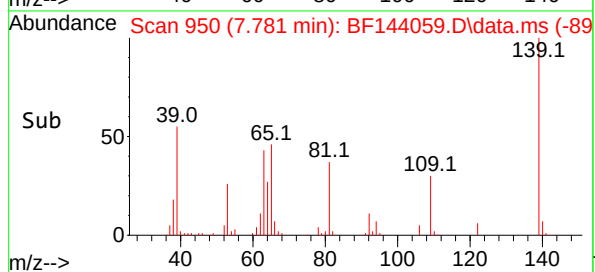
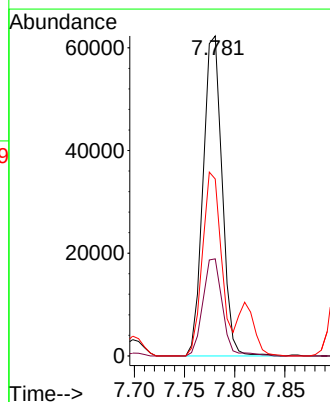
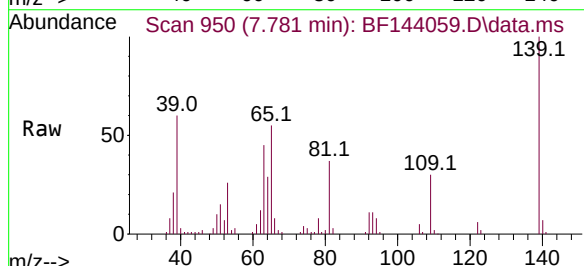
Tgt Ion: 139 Resp: 81754

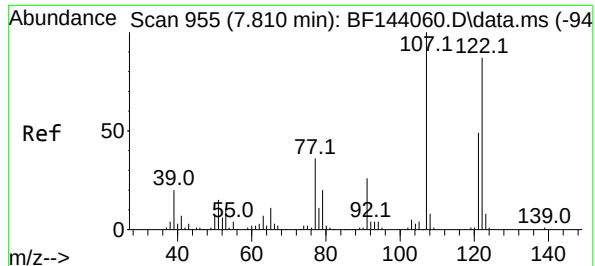
Ion Ratio Lower Upper

139 100

109 30.3 24.6 37.0

65 55.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 19.202 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

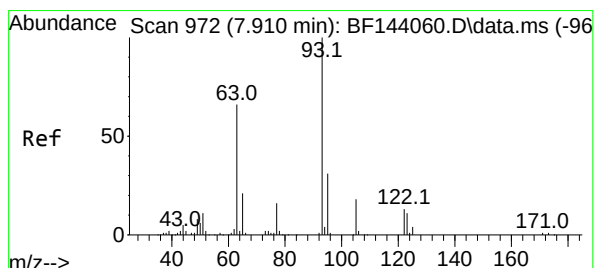
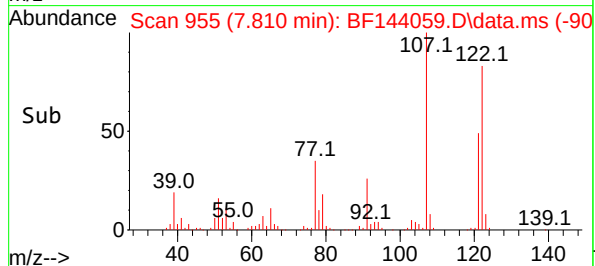
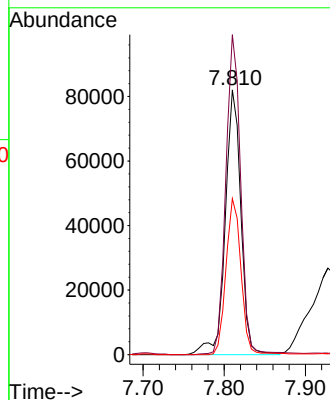
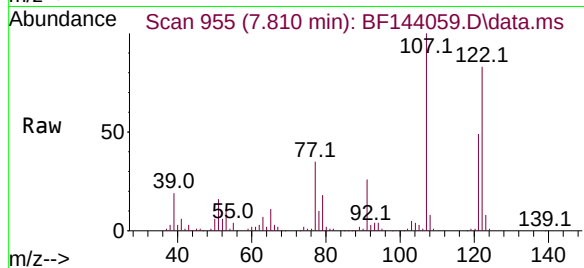
Tgt Ion:122 Resp: 109494

Ion Ratio Lower Upper

122 100

107 120.9 91.8 137.8

121 58.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.729 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

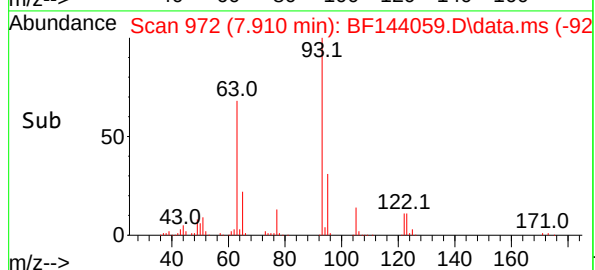
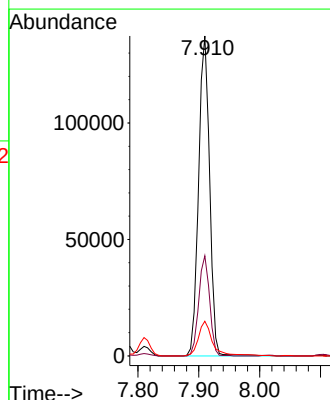
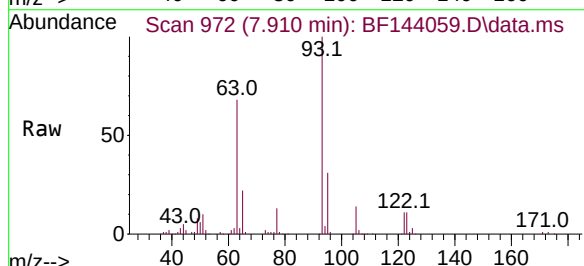
Tgt Ion: 93 Resp: 172327

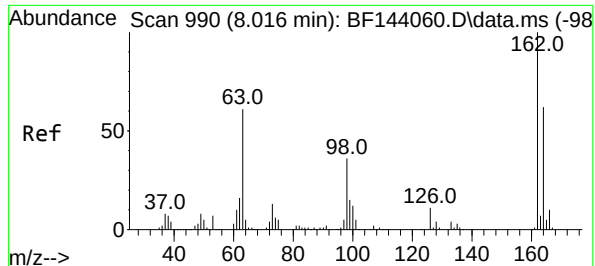
Ion Ratio Lower Upper

93 100

95 31.3 24.6 36.8

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.487 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

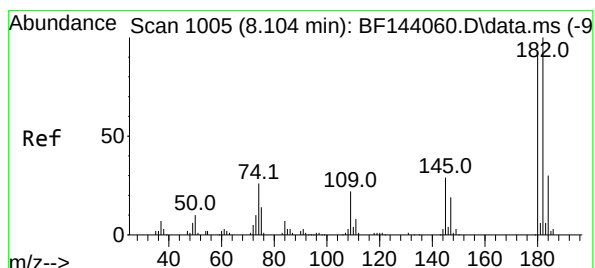
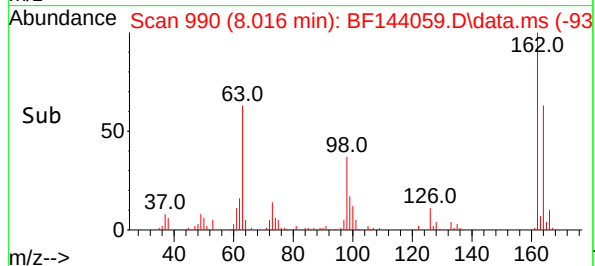
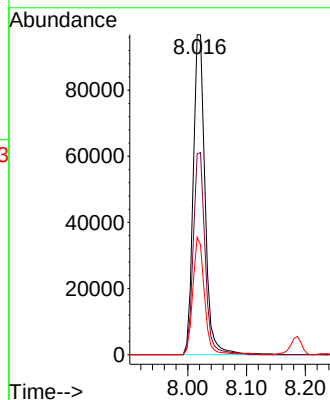
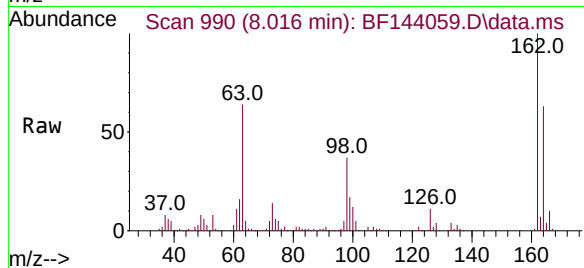
Tgt Ion:162 Resp: 135856

Ion Ratio Lower Upper

162 100

164 62.7 42.1 82.1

98 36.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 20.442 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

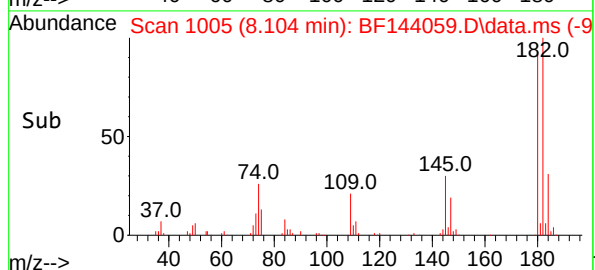
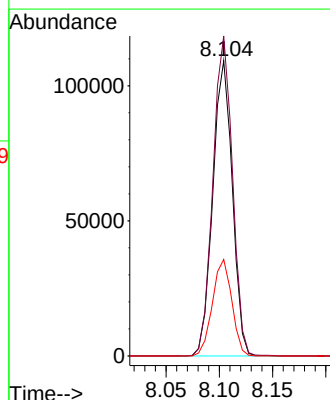
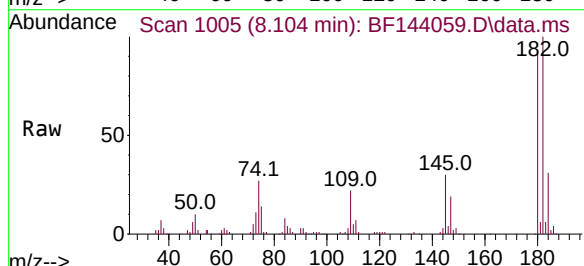
Tgt Ion:180 Resp: 139458

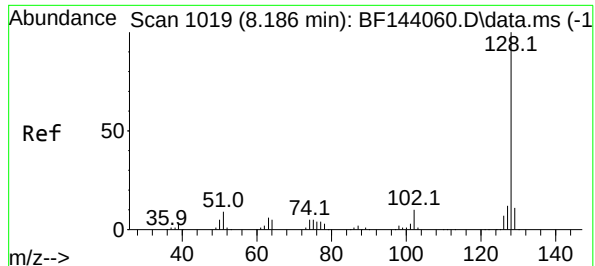
Ion Ratio Lower Upper

180 100

182 108.4 87.1 130.7

145 32.7 25.3 37.9





#31

Naphthalene

Concen: 20.378 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

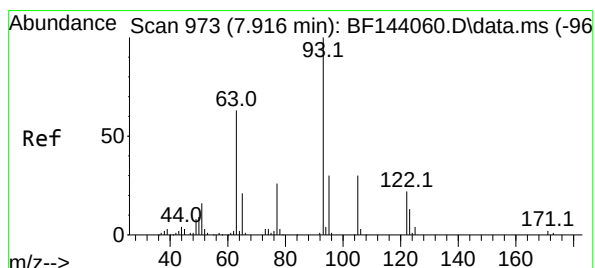
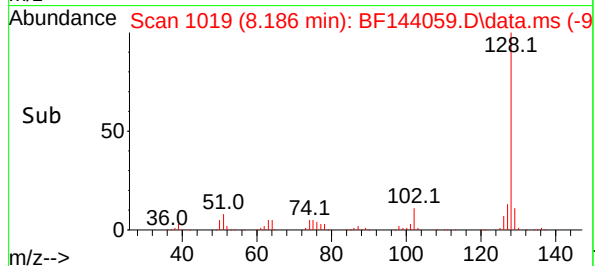
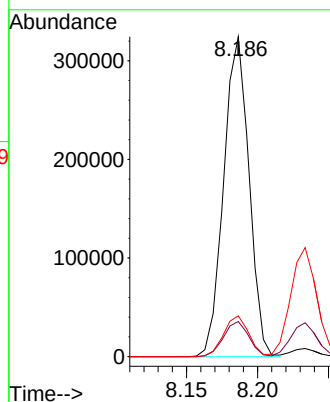
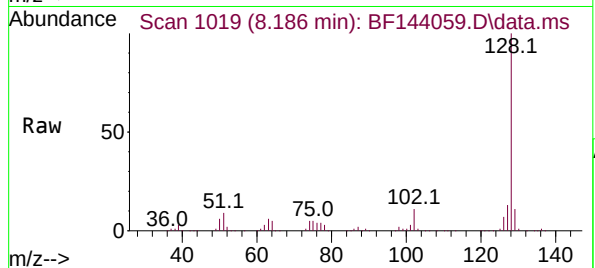
Tgt Ion:128 Resp: 401788

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 12.7 9.9 14.9



#32

Benzoic acid

Concen: 23.086 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.012 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

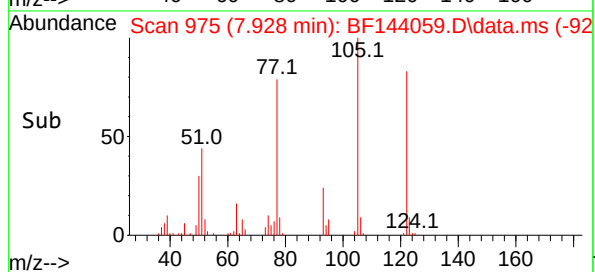
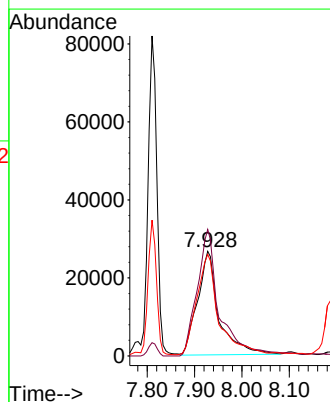
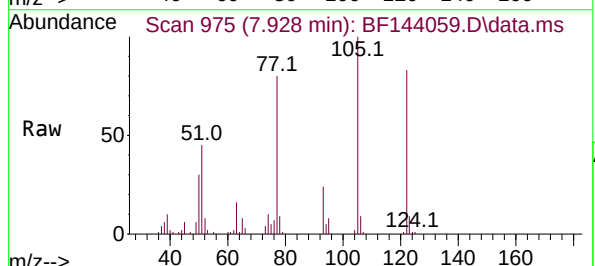
Tgt Ion:122 Resp: 83503

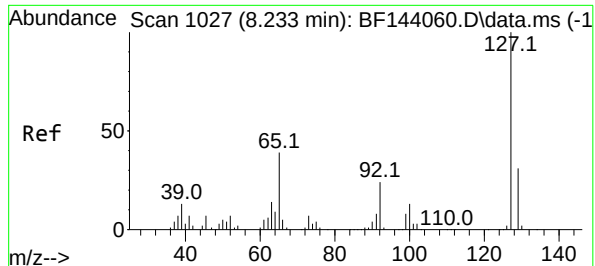
Ion Ratio Lower Upper

122 100

105 120.9 111.3 151.3

77 97.1 96.7 136.7





#33

4-Chloroaniline

Concen: 21.228 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 145706

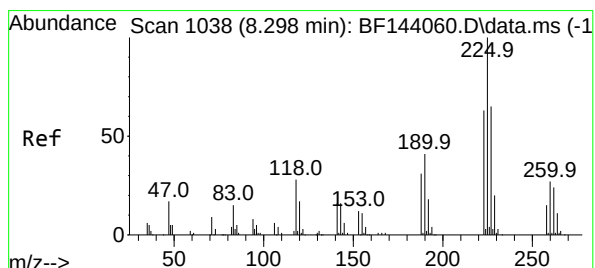
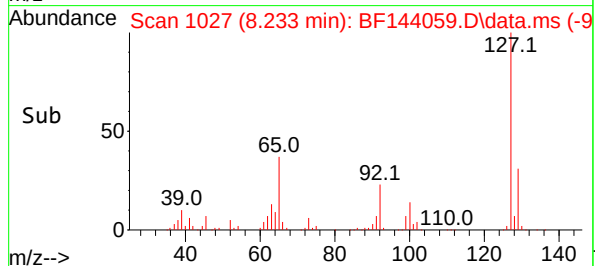
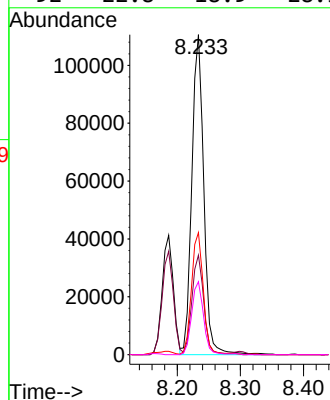
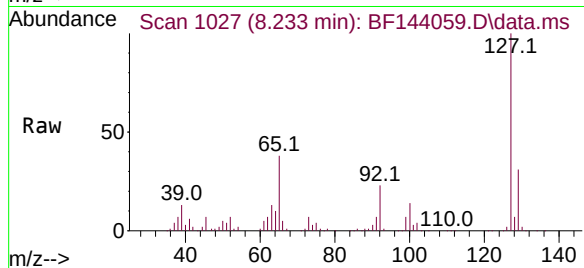
Ion Ratio Lower Upper

127 100

129 31.1 25.6 38.4

65 38.1 30.9 46.3

92 22.8 18.9 28.3



#34

Hexachlorobutadiene

Concen: 20.546 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

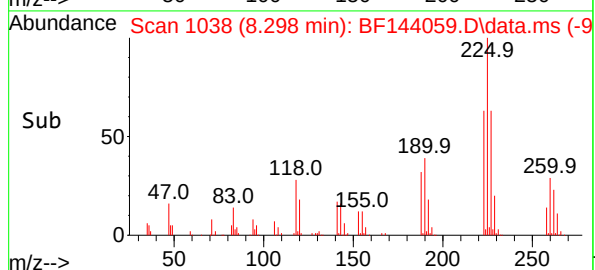
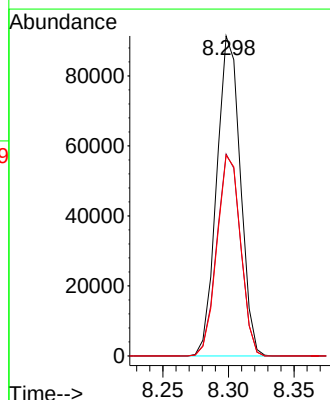
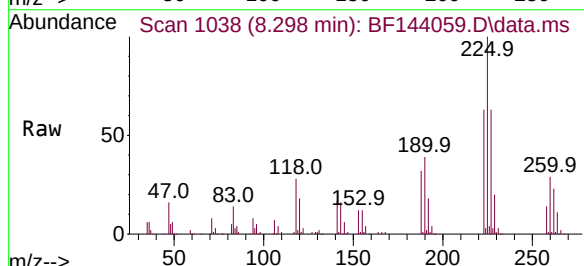
Tgt Ion:225 Resp: 114614

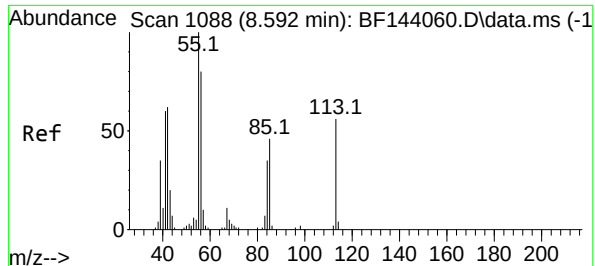
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 62.7 51.8 77.8





#35

Caprolactam

Concen: 20.591 ng

RT: 8.598 min Scan# 1088

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

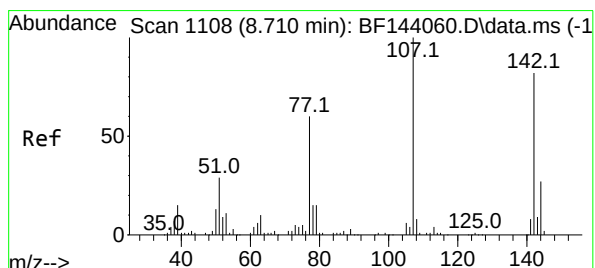
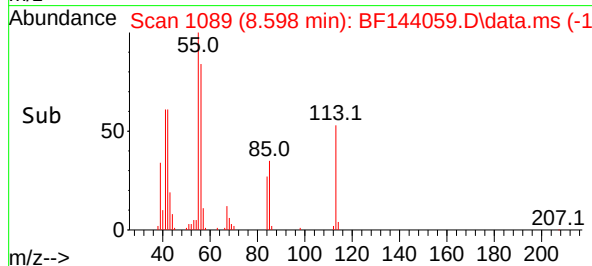
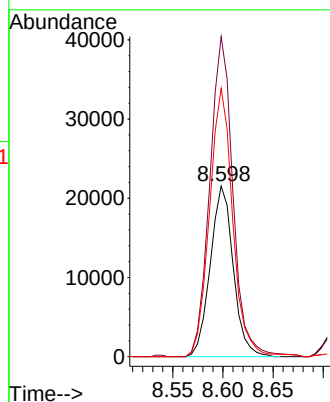
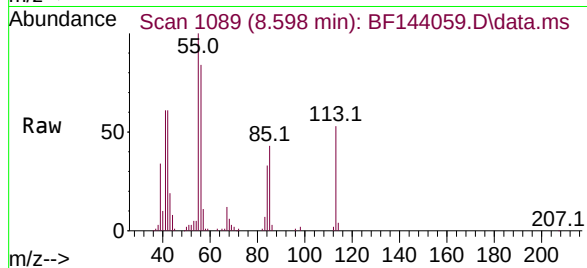
Tgt Ion:113 Resp: 34241

Ion Ratio Lower Upper

113 100

55 187.8 160.1 200.1

56 157.4 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 20.357 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

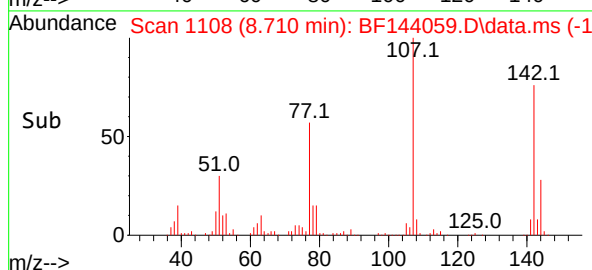
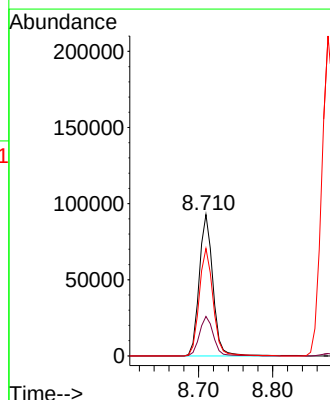
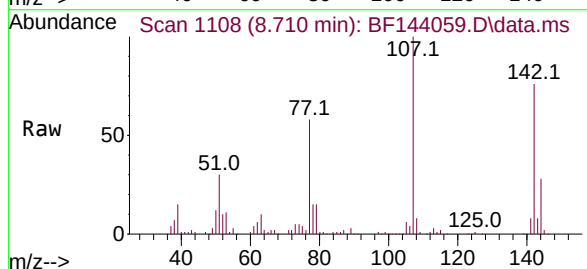
Tgt Ion:107 Resp: 119127

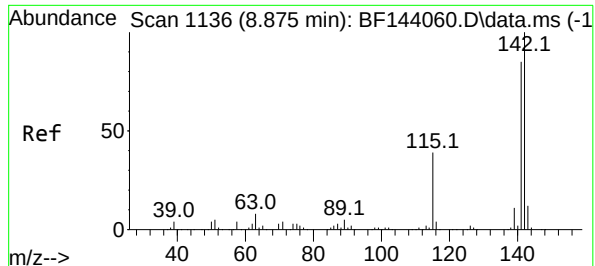
Ion Ratio Lower Upper

107 100

144 28.0 21.6 32.4

142 76.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 20.280 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

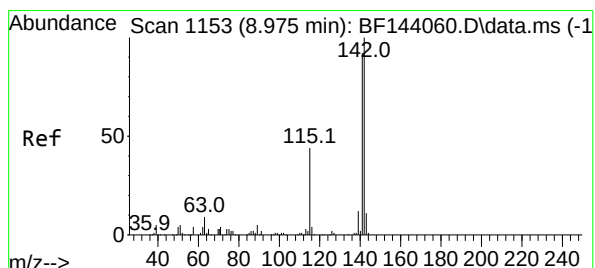
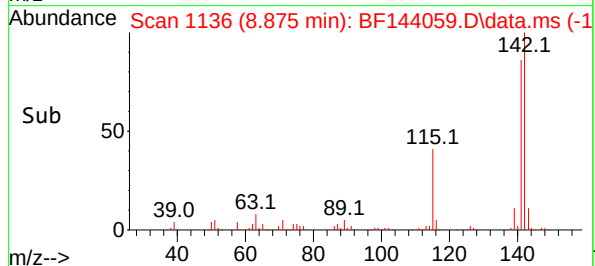
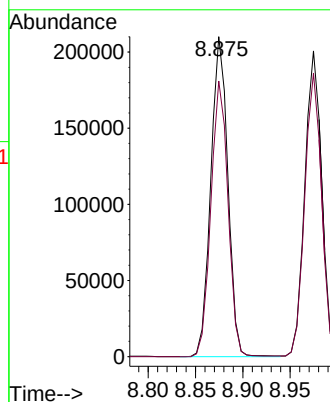
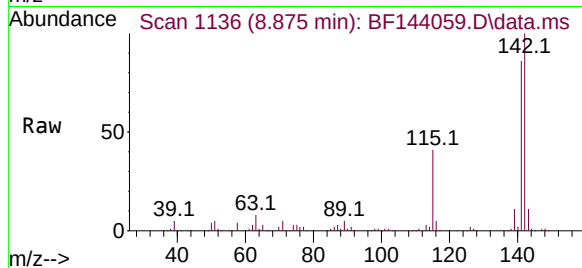
SSTDICC020

Tgt Ion:142 Resp: 263628

Ion Ratio Lower Upper

142 100

141 86.1 67.6 101.4



#38

1-Methylnaphthalene

Concen: 20.035 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144059.D

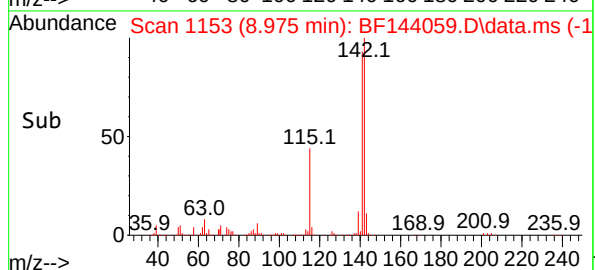
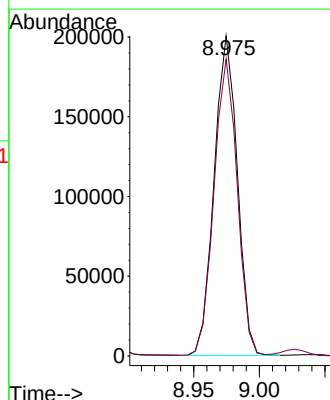
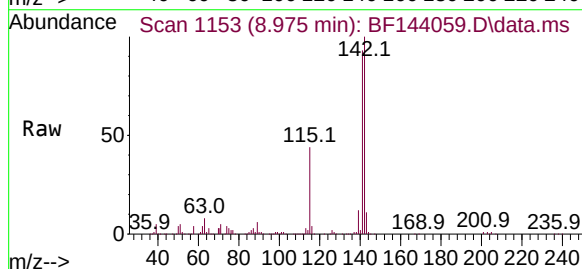
Acq: 24 Oct 2025 12:36

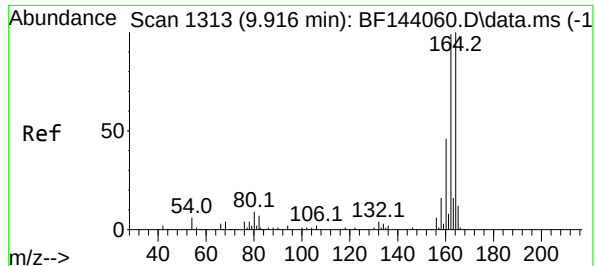
Tgt Ion:142 Resp: 246748

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

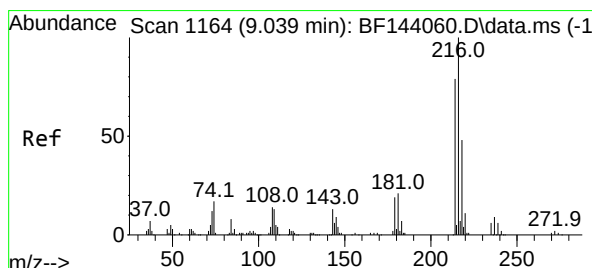
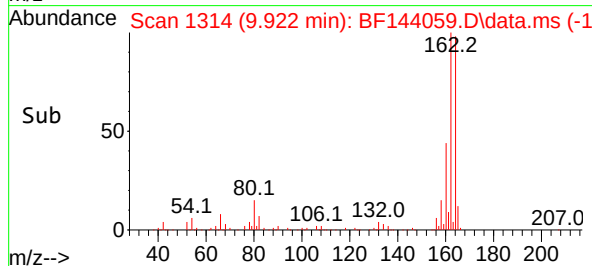
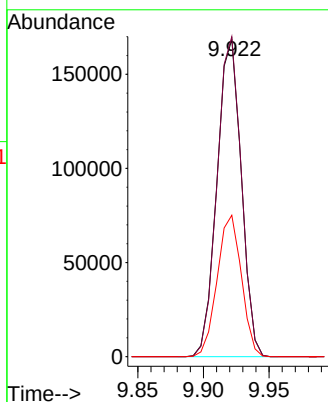
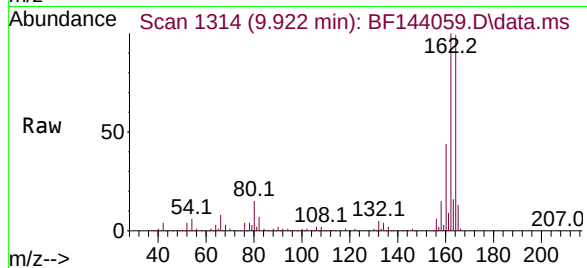
Tgt Ion:164 Resp: 217706

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 44.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.160 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:216 Resp: 150836

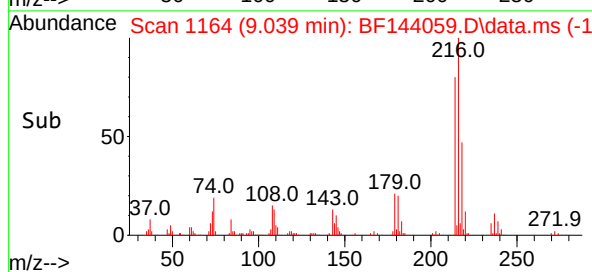
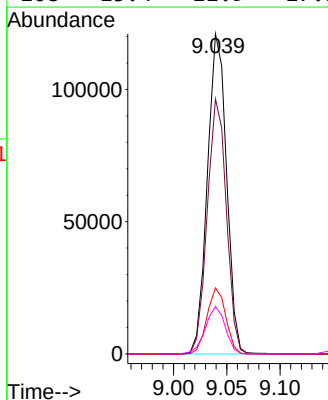
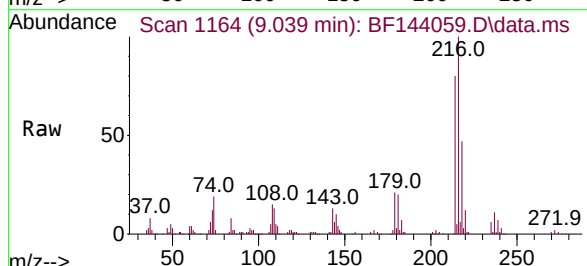
Ion Ratio Lower Upper

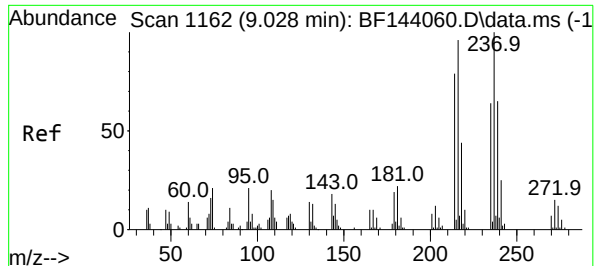
216 100

214 79.3 63.2 94.8

179 20.2 15.2 22.8

108 15.4 11.9 17.9

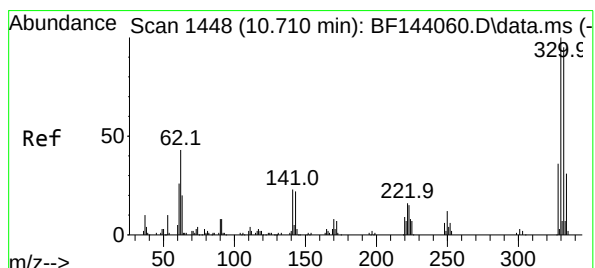
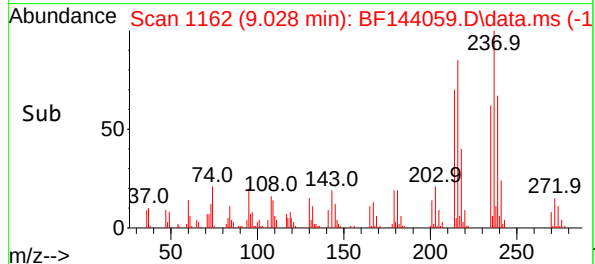
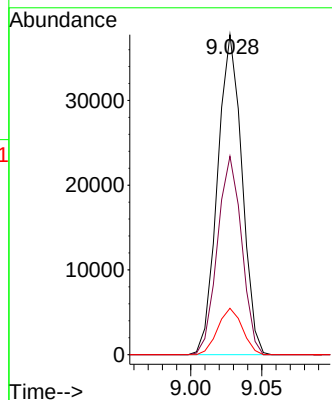
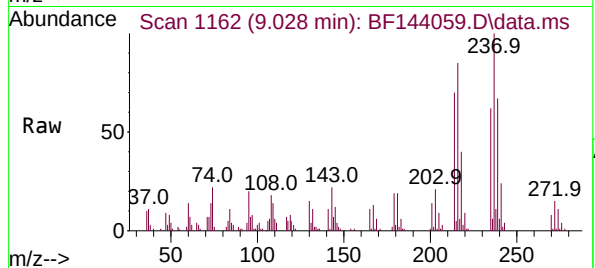




#41
Hexachlorocyclopentadiene
Concen: 19.591 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

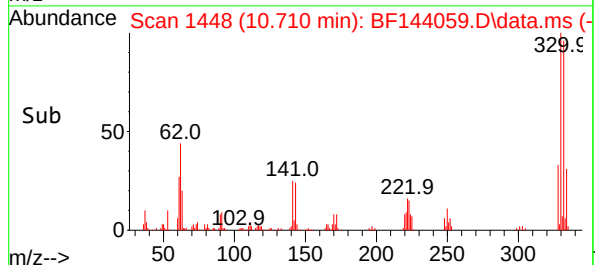
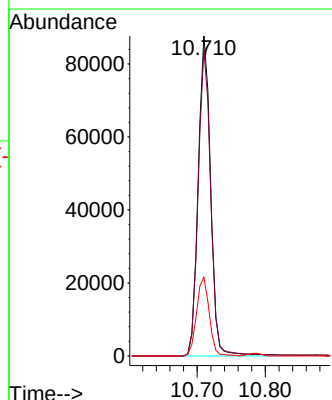
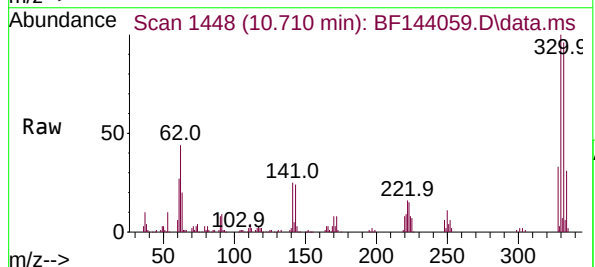
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

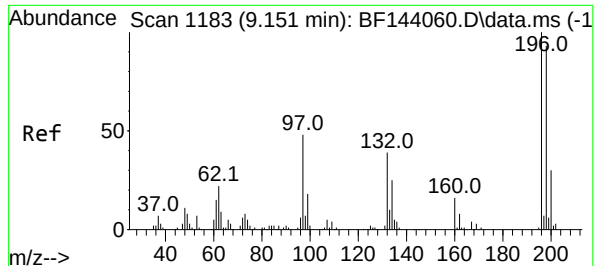
Tgt Ion:237 Resp: 45275
Ion Ratio Lower Upper
237 100
235 62.0 44.3 84.3
272 14.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 40.132 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:330 Resp: 111292
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 24.9 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 21.484 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

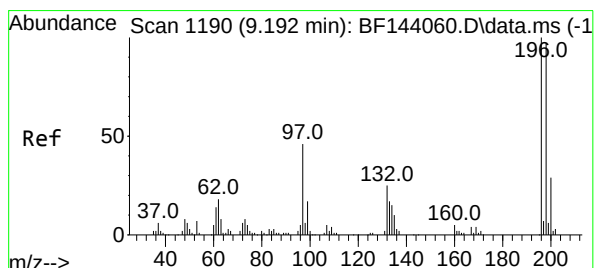
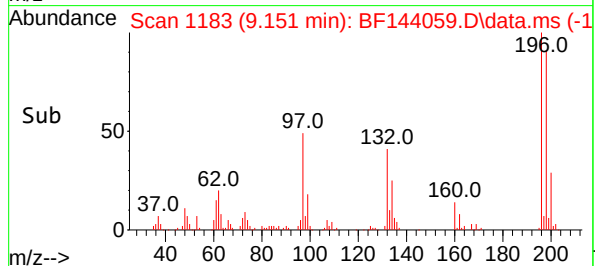
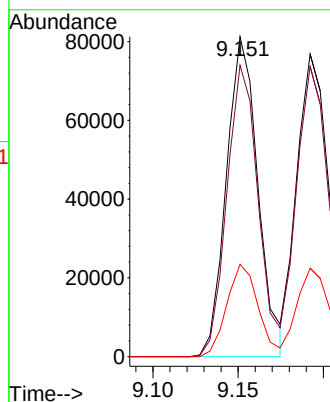
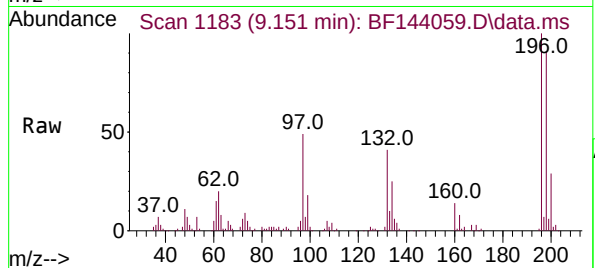
Tgt Ion:196 Resp: 104484

Ion Ratio Lower Upper

196 100

198 91.0 74.4 111.6

200 28.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 20.655 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:196 Resp: 105424

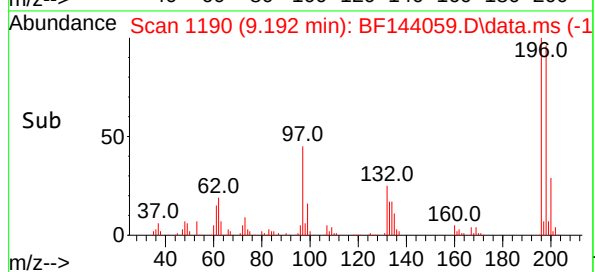
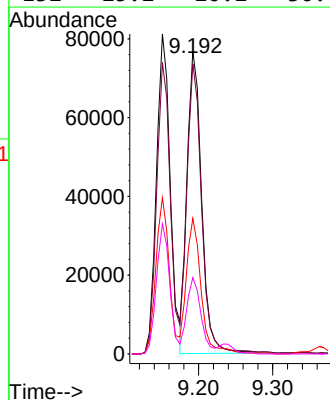
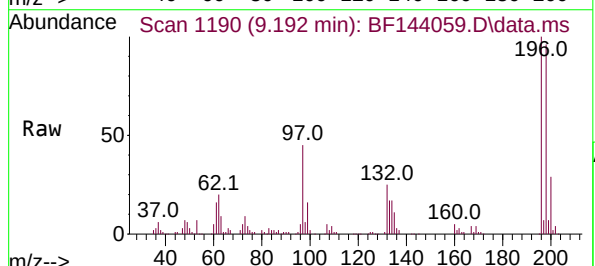
Ion Ratio Lower Upper

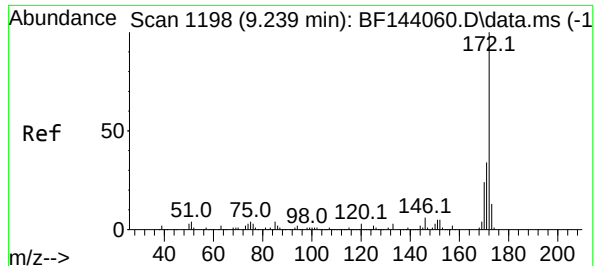
196 100

198 95.9 78.0 117.0

97 44.7 37.7 56.5

132 25.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 39.724 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

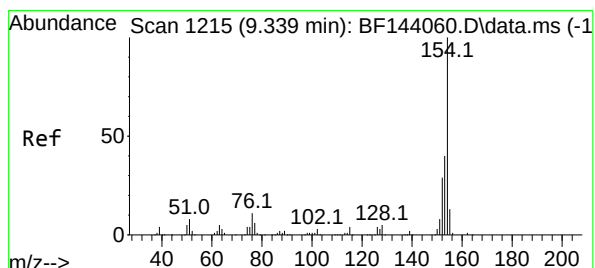
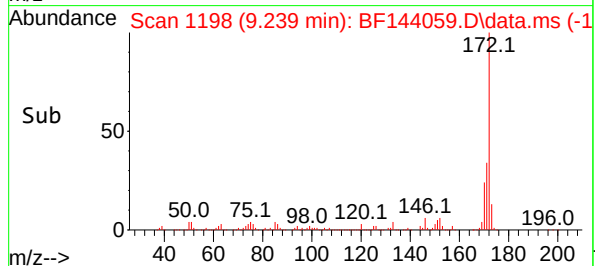
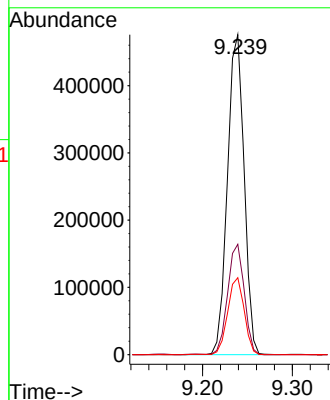
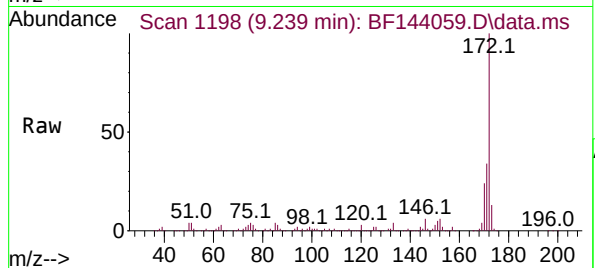
Tgt Ion:172 Resp: 614559

Ion Ratio Lower Upper

172 100

171 34.5 27.5 41.3

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 20.128 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

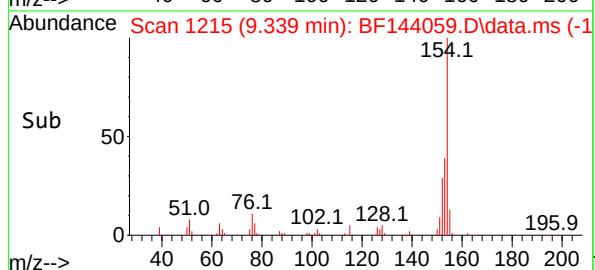
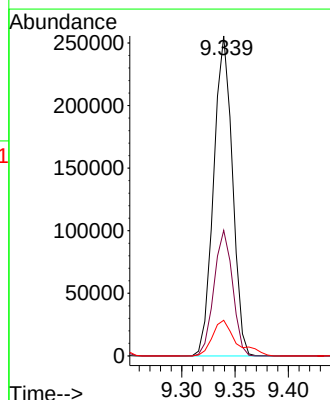
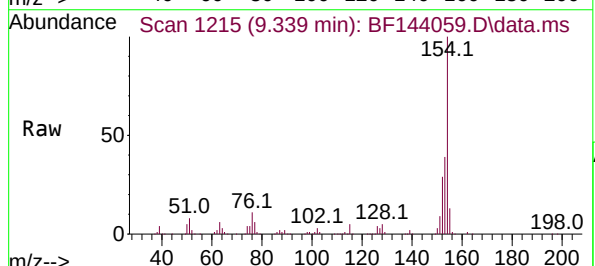
Tgt Ion:154 Resp: 313680

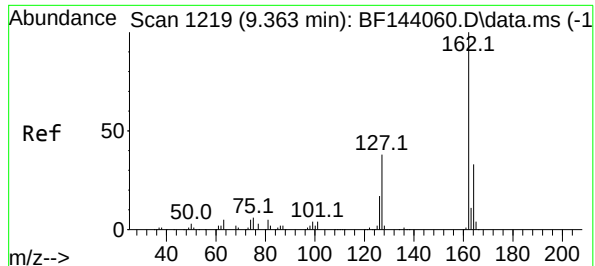
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.561 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

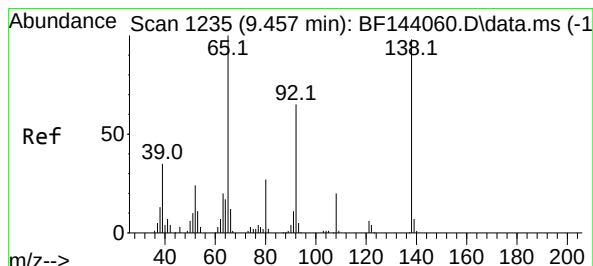
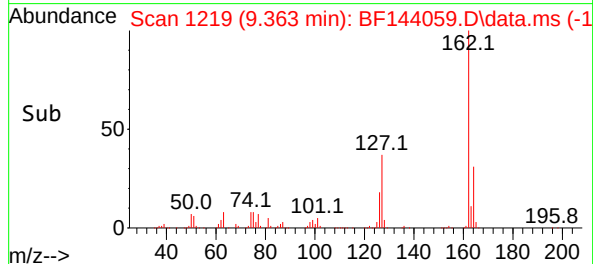
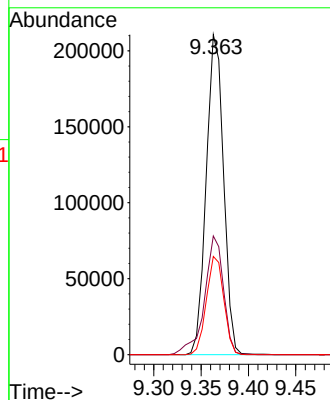
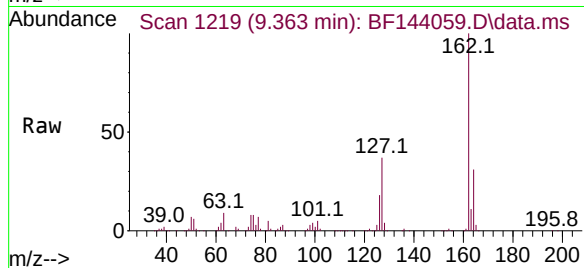
Tgt Ion:162 Resp: 268452

Ion Ratio Lower Upper

162 100

127 37.1 31.6 47.4

164 30.7 26.5 39.7



#48

2-Nitroaniline

Concen: 20.678 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

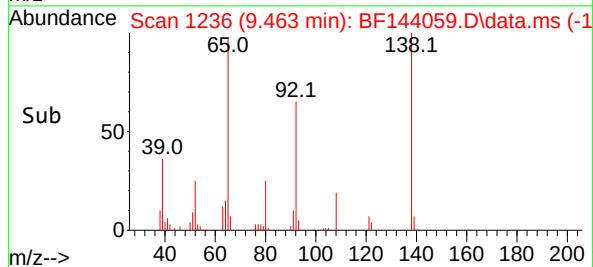
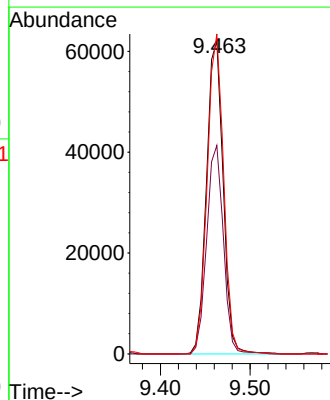
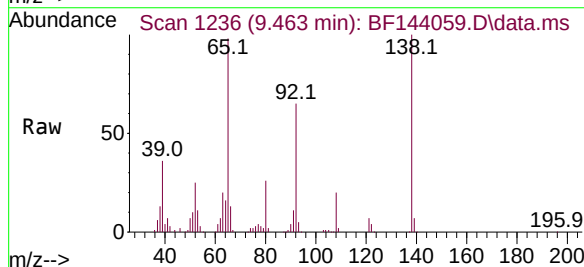
Tgt Ion: 65 Resp: 80171

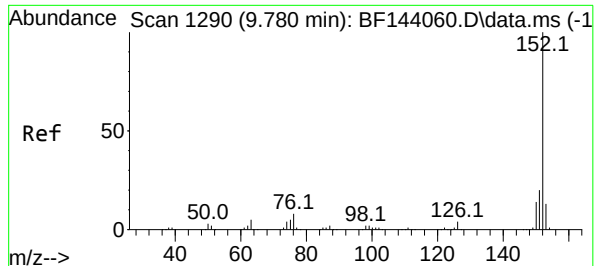
Ion Ratio Lower Upper

65 100

92 66.6 52.3 78.5

138 102.3 78.3 117.5





#49

Acenaphthylene

Concen: 20.575 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

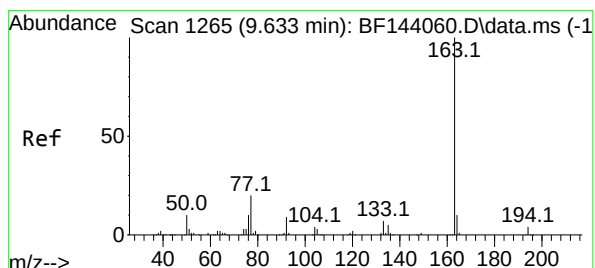
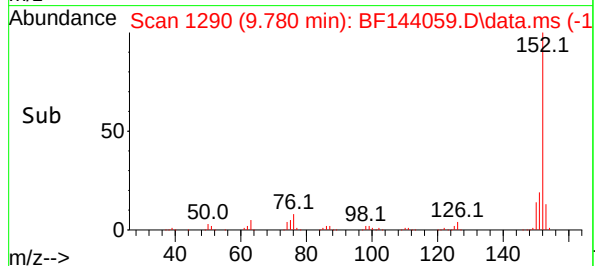
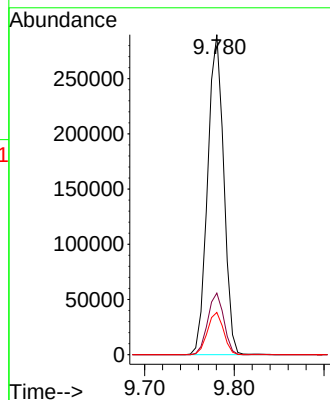
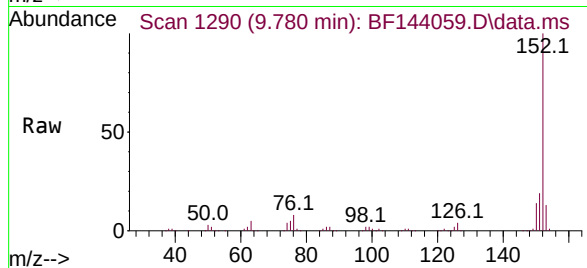
Tgt Ion:152 Resp: 362218

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 20.324 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

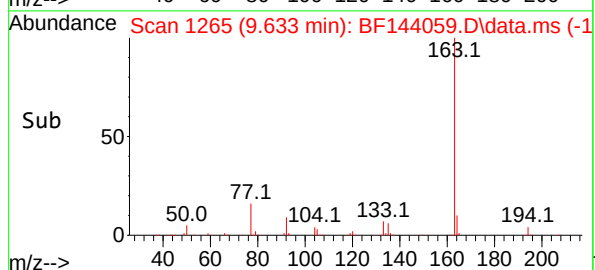
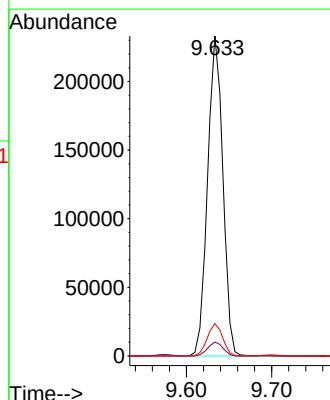
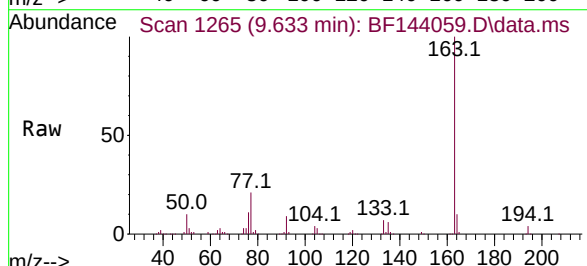
Tgt Ion:163 Resp: 290025

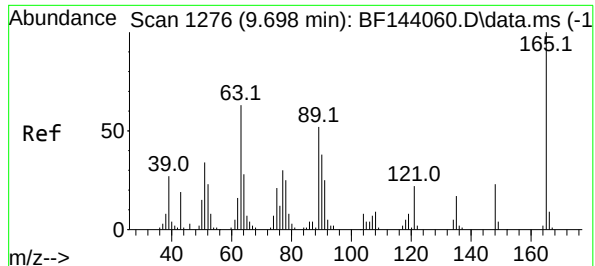
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 7.8 11.8

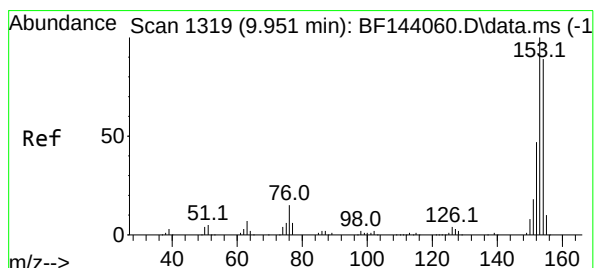
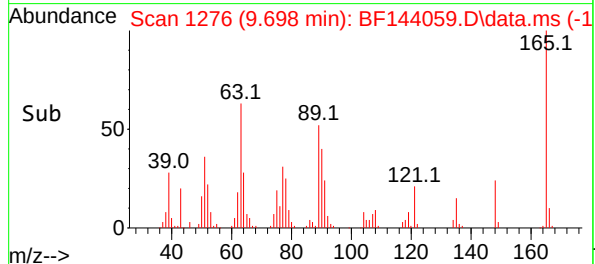
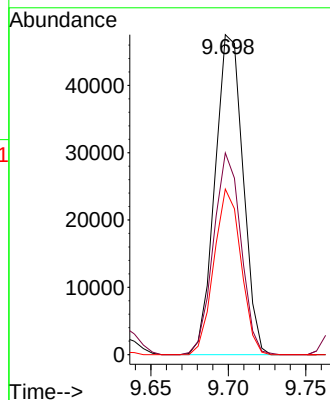
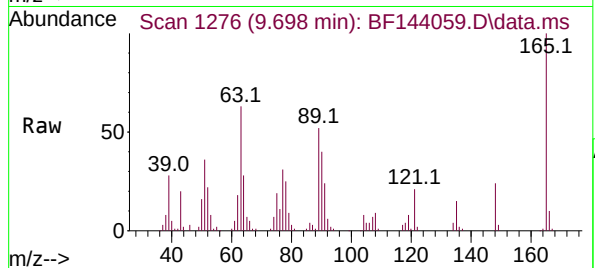




#51
2,6-Dinitrotoluene
Concen: 21.235 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

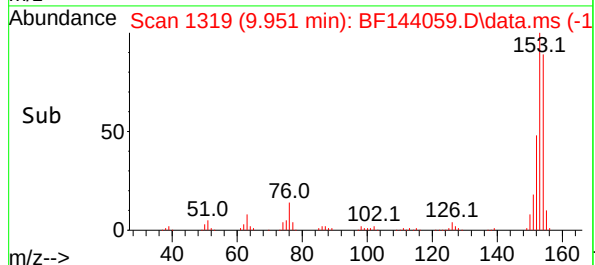
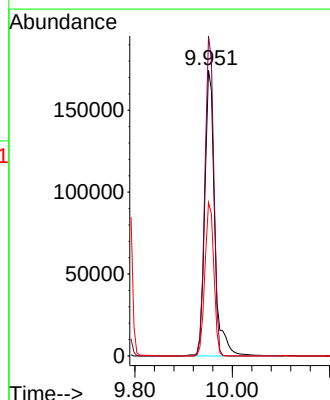
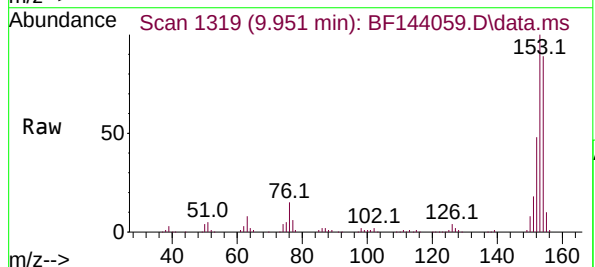
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

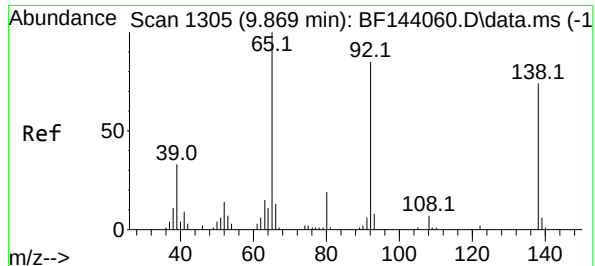
Tgt Ion:165 Resp: 59905
Ion Ratio Lower Upper
165 100
63 63.0 50.4 75.6
89 51.7 41.4 62.2



#52
Acenaphthene
Concen: 21.003 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:154 Resp: 246935
Ion Ratio Lower Upper
154 100
153 112.0 89.9 134.9
152 53.7 42.0 63.0





#53

3-Nitroaniline

Concen: 20.358 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

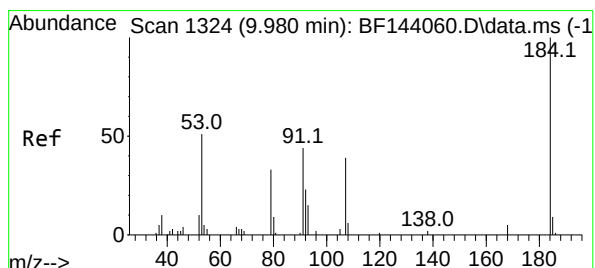
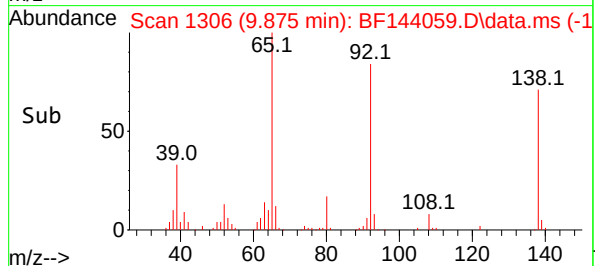
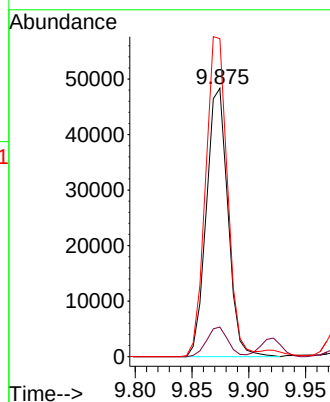
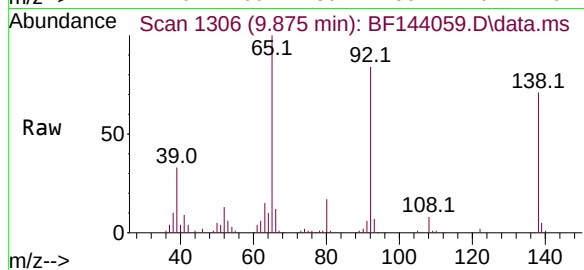
Tgt Ion:138 Resp: 63852

Ion Ratio Lower Upper

138 100

108 11.0 7.9 11.9

92 118.5 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 23.089 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

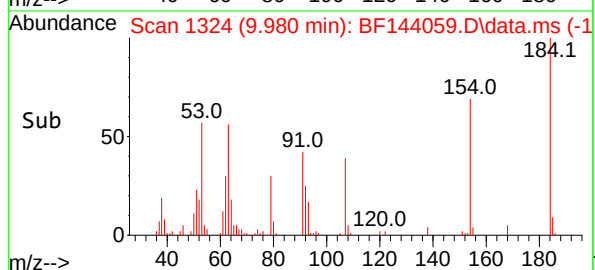
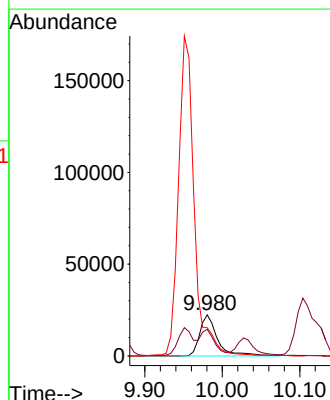
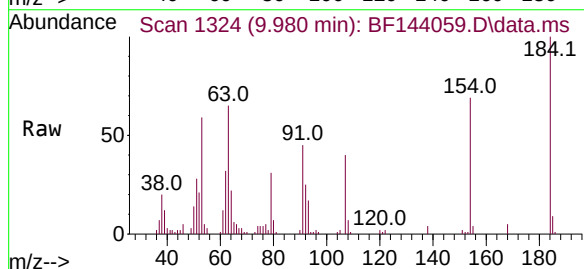
Tgt Ion:184 Resp: 35229

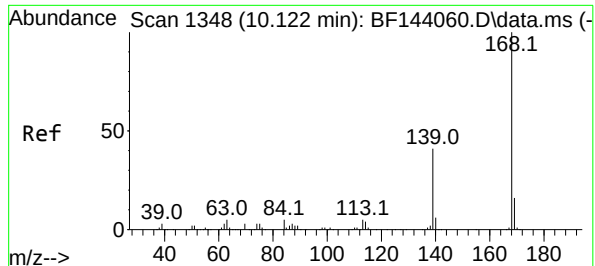
Ion Ratio Lower Upper

184 100

63 64.6 52.1 78.1

154 68.6 47.9 71.9





#55

Dibenzenofuran

Concen: 20.162 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

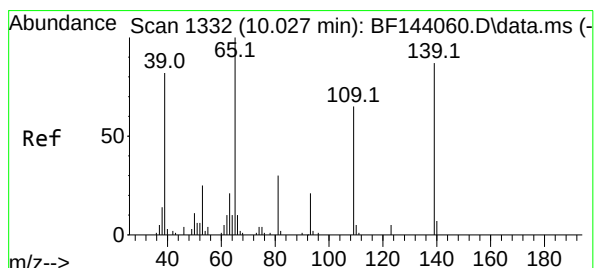
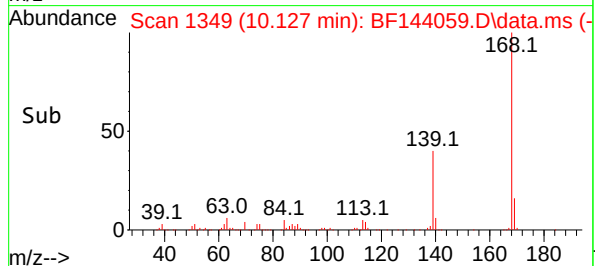
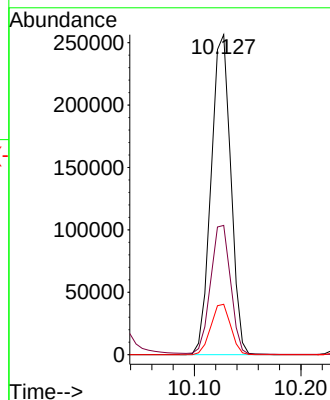
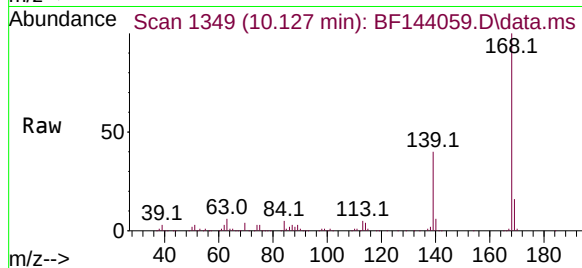
Tgt Ion:168 Resp: 329079

Ion Ratio Lower Upper

168 100

139 40.4 33.2 49.8

169 15.7 12.6 19.0



#56

4-Nitrophenol

Concen: 20.402 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

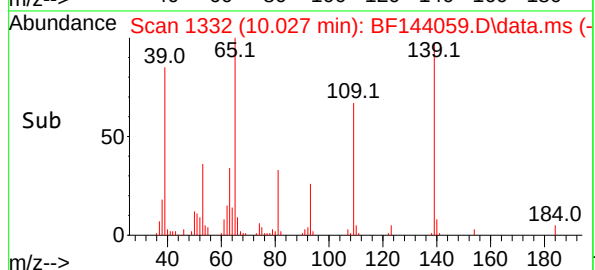
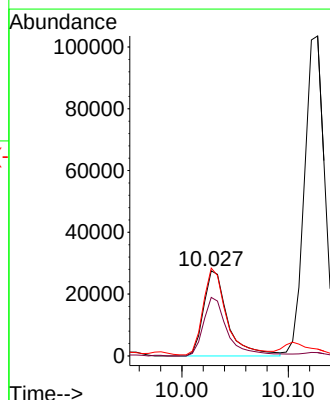
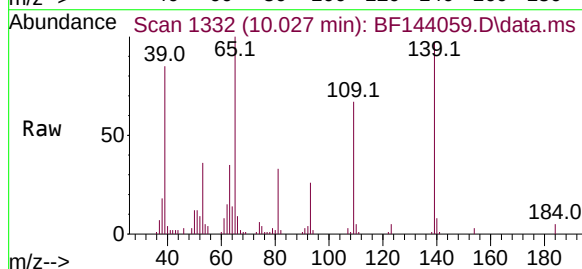
Tgt Ion:139 Resp: 43333

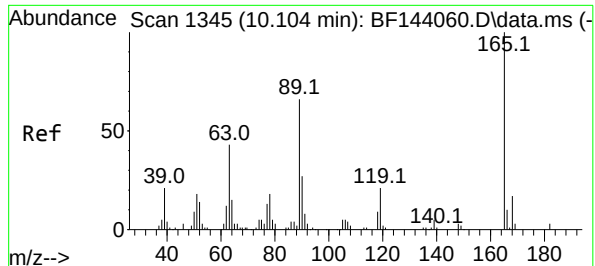
Ion Ratio Lower Upper

139 100

109 68.6 53.8 93.8

65 103.2 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 21.160 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 80566

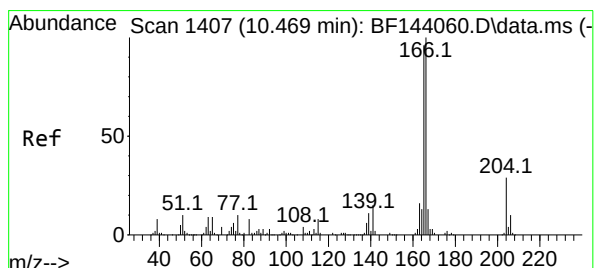
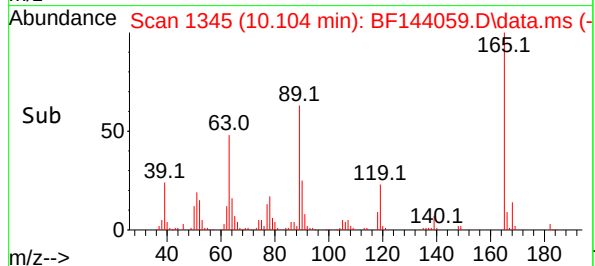
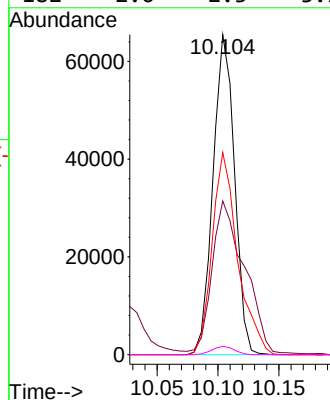
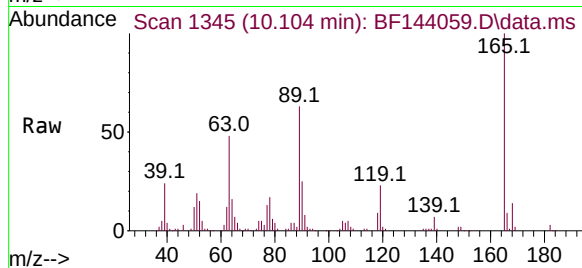
Ion Ratio Lower Upper

165 100

63 48.1 35.4 53.2

89 63.1 52.7 79.1

182 2.6 2.3 3.5



#58

Fluorene

Concen: 19.841 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

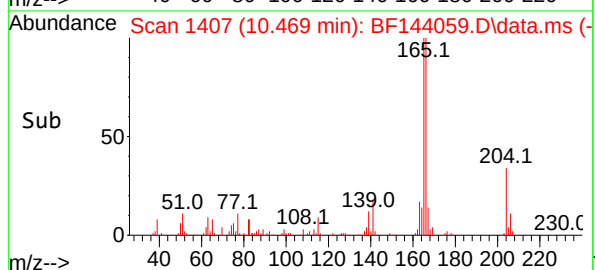
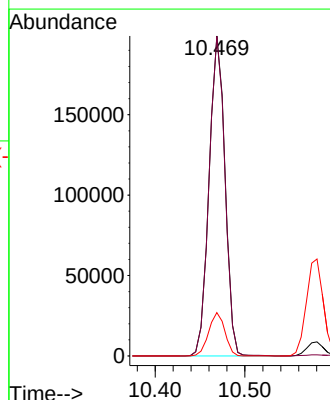
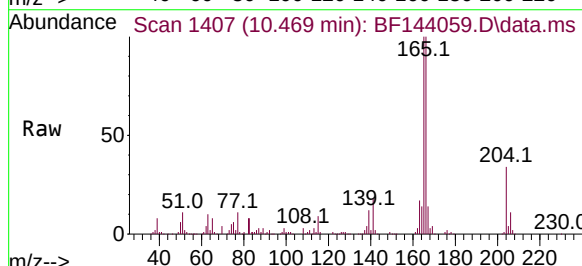
Tgt Ion:166 Resp: 246753

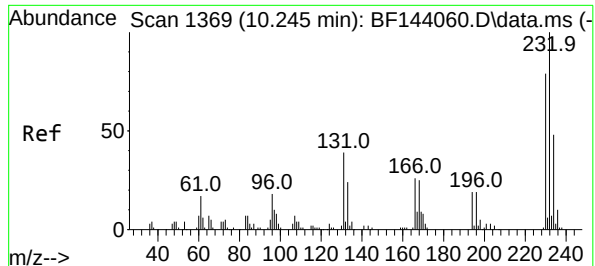
Ion Ratio Lower Upper

166 100

165 99.8 77.0 115.4

167 13.5 10.2 15.4

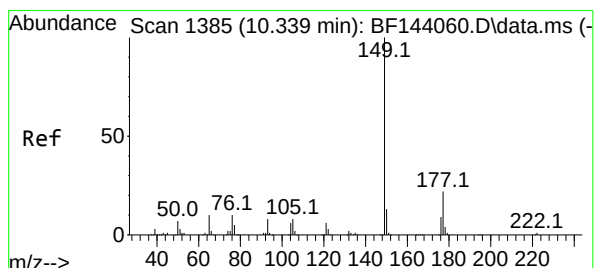
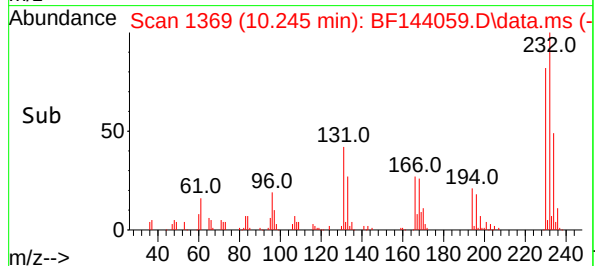
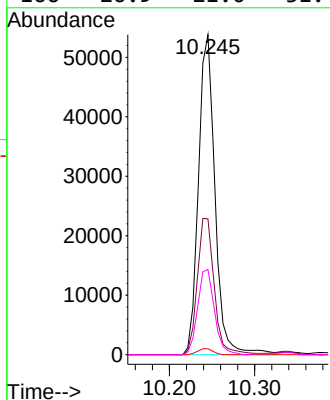
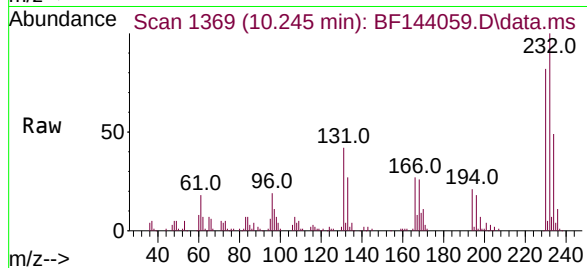




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.172 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

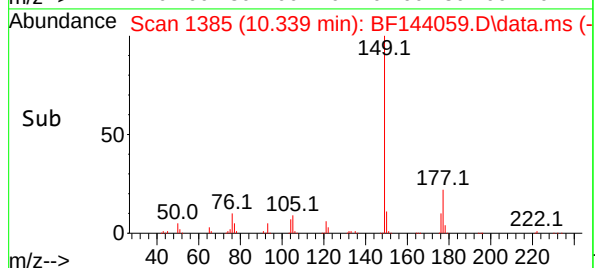
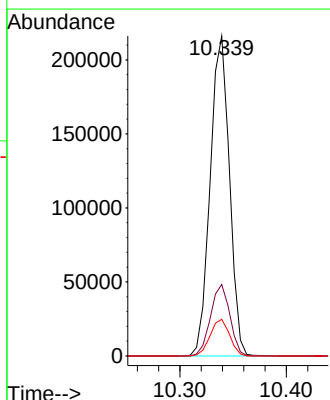
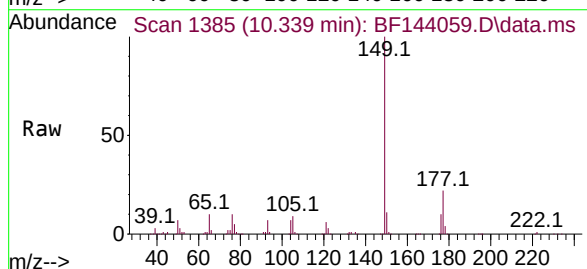
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

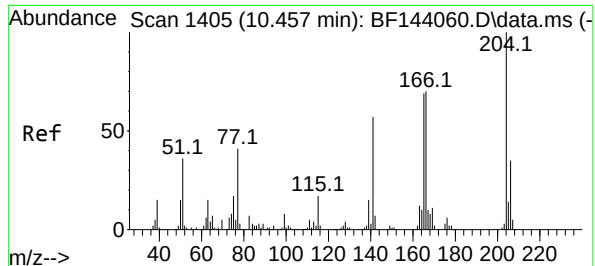
Tgt Ion:232 Resp: 72554
Ion Ratio Lower Upper
232 100
131 43.5 31.9 47.9
130 1.7 1.1 1.7#
166 26.9 21.0 31.4



#60
Diethylphthalate
Concen: 20.184 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:149 Resp: 270864
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 11.4 10.1 15.1

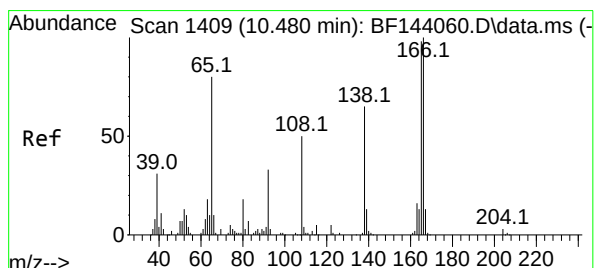
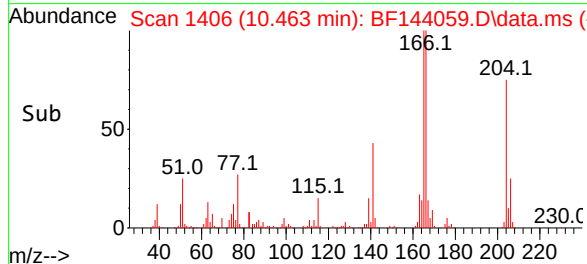
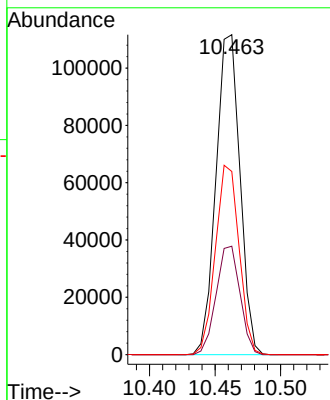
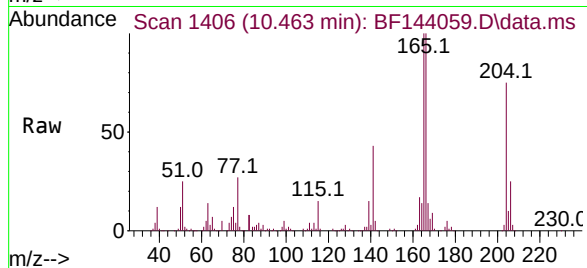




#61
4-Chlorophenyl-phenylether
Concen: 20.406 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

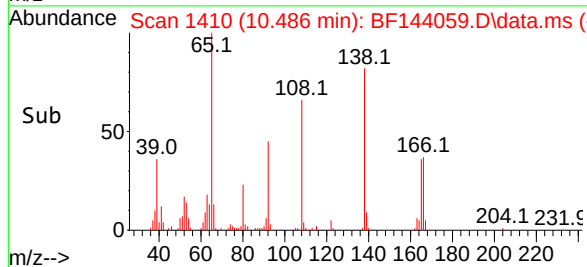
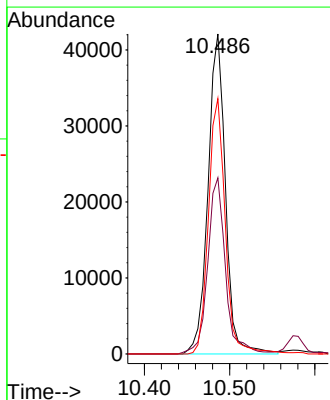
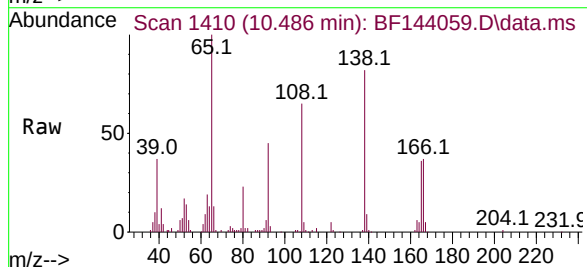
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

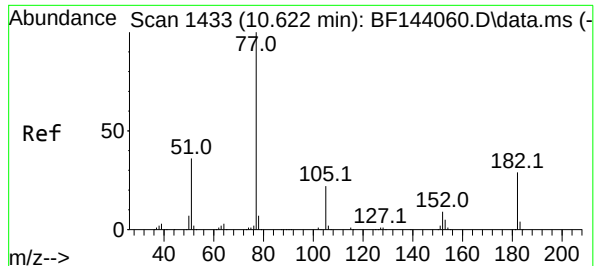
Tgt Ion:204 Resp: 142719
Ion Ratio Lower Upper
204 100
206 33.9 27.8 41.6
141 57.2 45.4 68.2



#62
4-Nitroaniline
Concen: 20.157 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:138 Resp: 59903
Ion Ratio Lower Upper
138 100
92 55.0 30.5 70.5
108 79.8 56.2 96.2

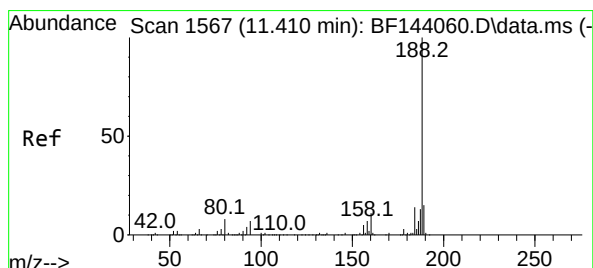
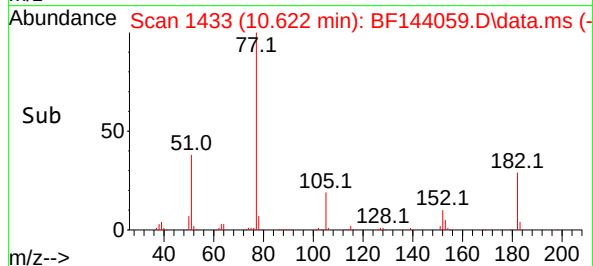
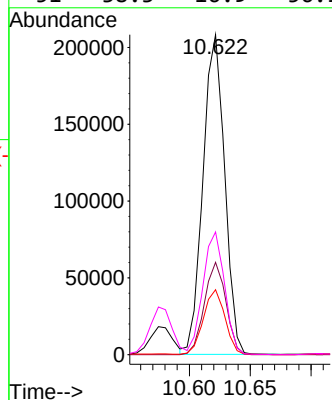
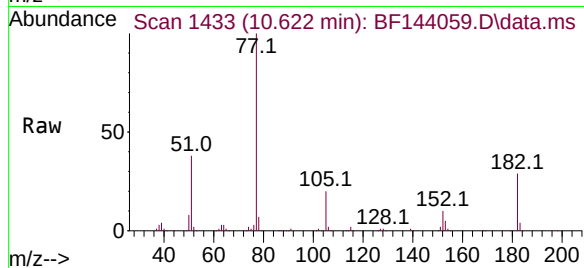




#63
Azobenzene
Concen: 20.346 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

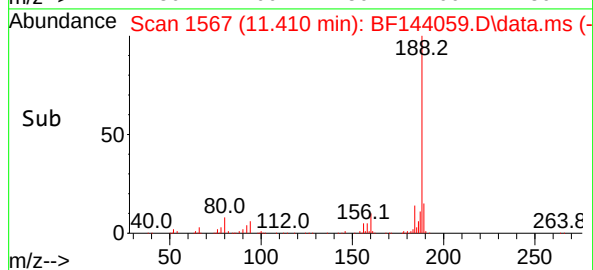
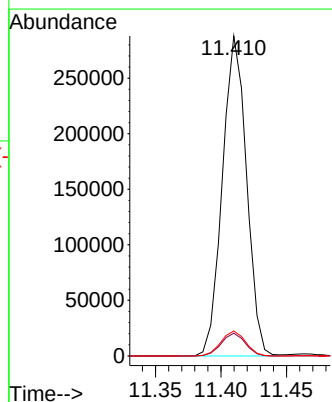
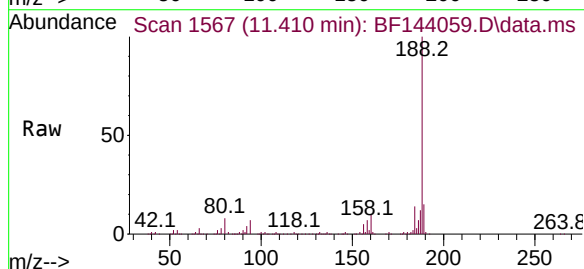
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

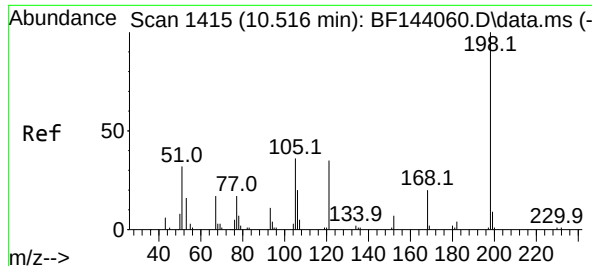
Tgt Ion: 77 Resp: 258435
Ion Ratio Lower Upper
77 100
182 28.8 9.0 49.0
105 20.3 1.4 41.4
51 38.3 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 188 Resp: 369584
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.8 6.0 9.0

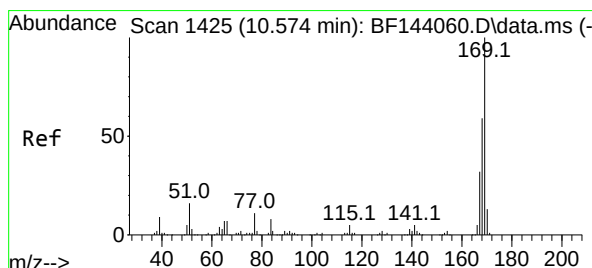
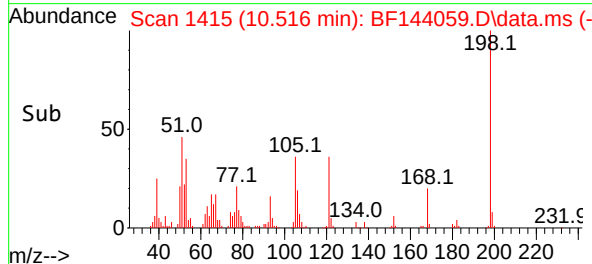
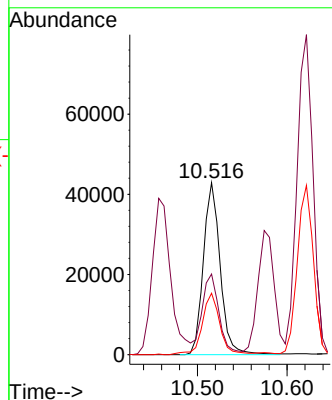
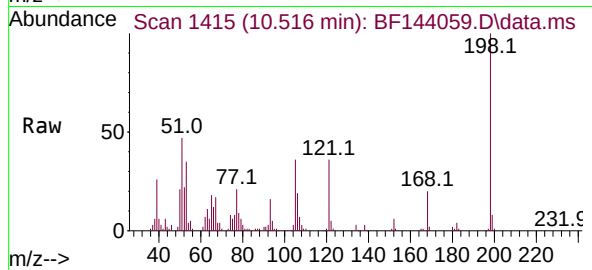




#65
4,6-Dinitro-2-methylphenol
Concen: 23.553 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

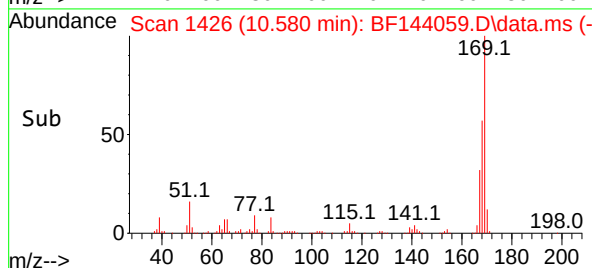
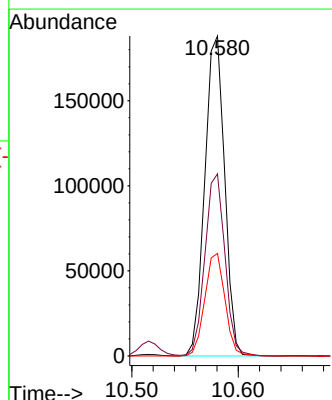
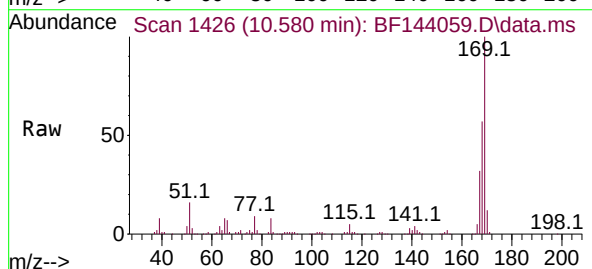
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

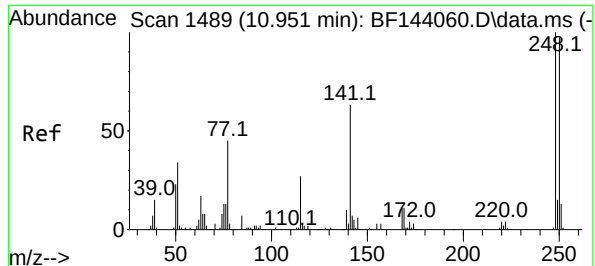
Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.8	25.8	65.8
105	35.7	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 20.563 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.9	47.4	71.2
167	32.0	25.5	38.3

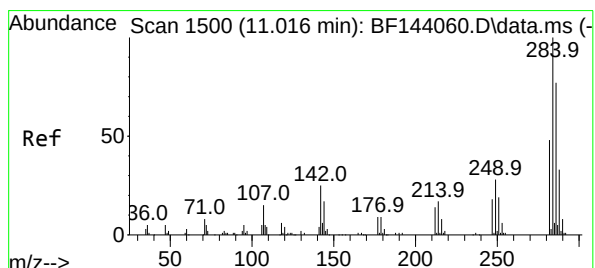
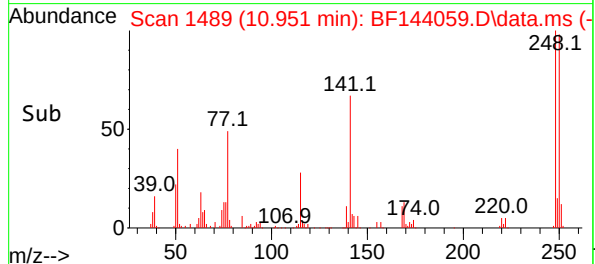
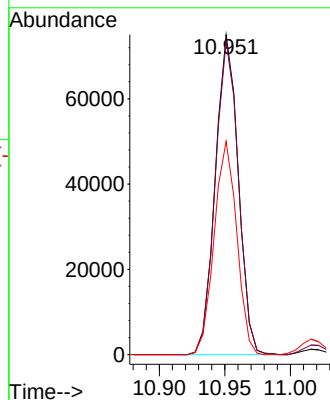
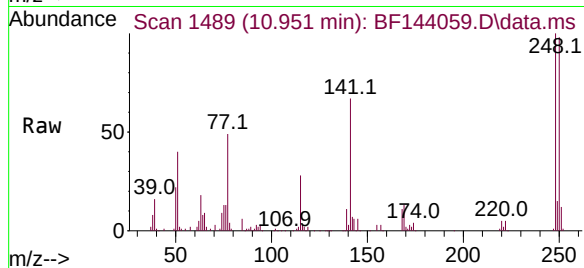




#67
4-Bromophenyl-phenylether
Concen: 19.753 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

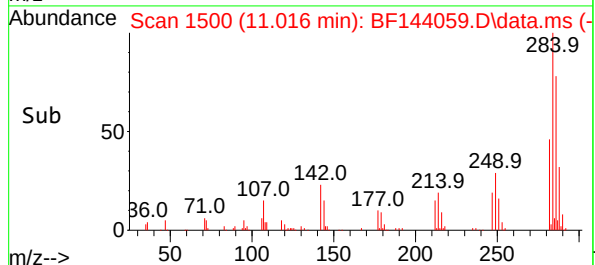
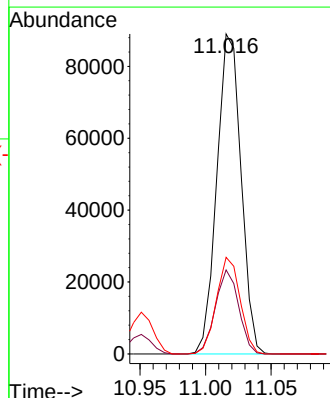
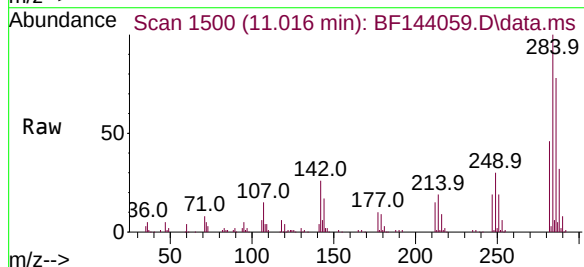
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

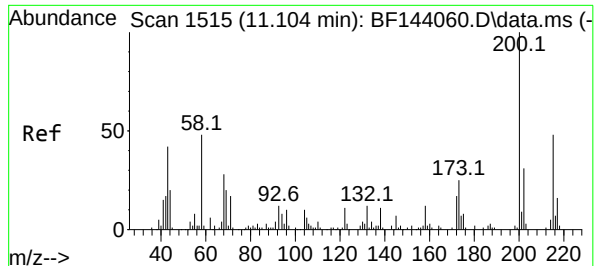
Tgt Ion:248 Resp: 91405
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 66.6 50.5 75.7



#68
Hexachlorobenzene
Concen: 20.141 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:284 Resp: 114304
Ion Ratio Lower Upper
284 100
142 26.3 20.0 30.0
249 30.2 22.2 33.2





#69

Atrazine

Concen: 20.818 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

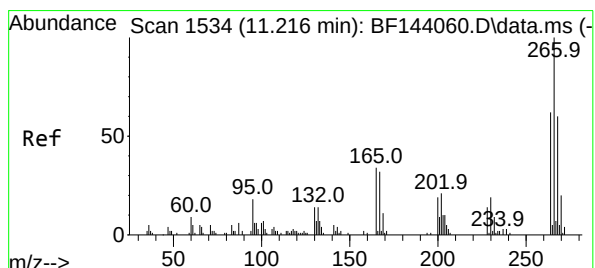
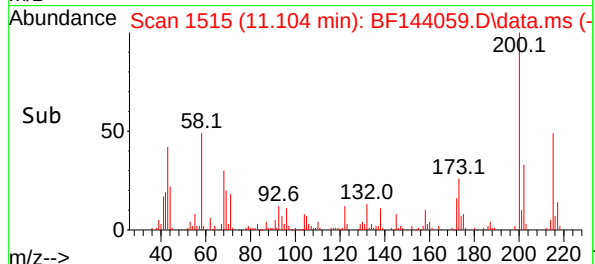
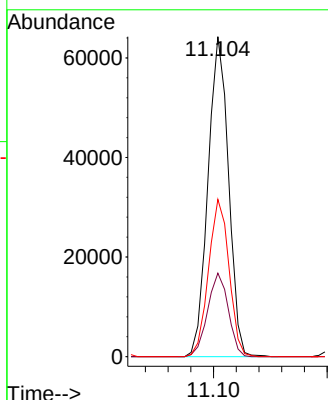
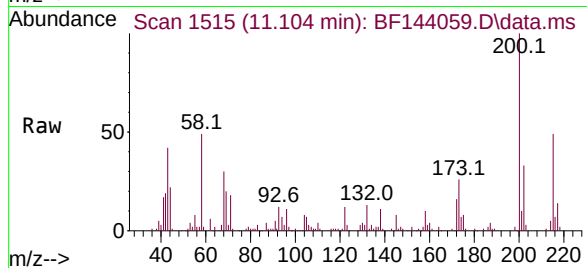
Tgt Ion:200 Resp: 80666

Ion Ratio Lower Upper

200 100

173 26.1 4.9 44.9

215 49.1 28.2 68.2



#70

Pentachlorophenol

Concen: 20.449 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

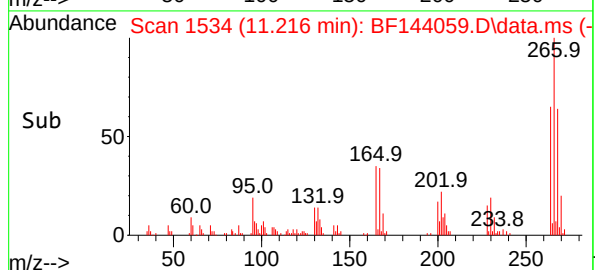
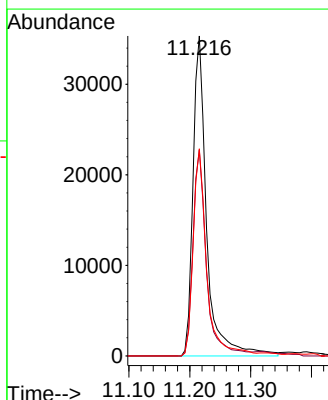
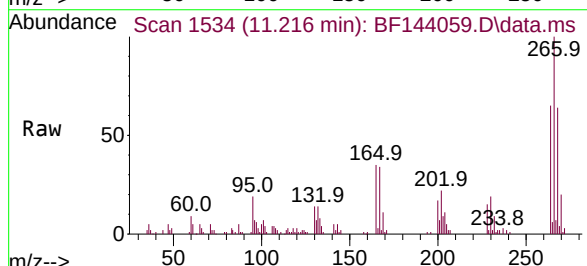
Tgt Ion:266 Resp: 55240

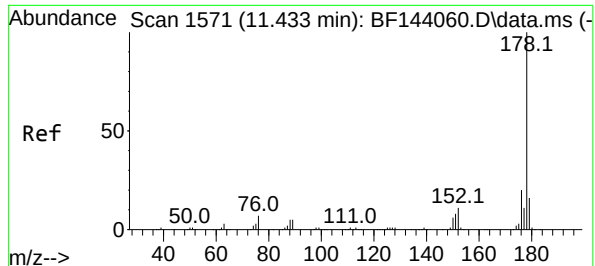
Ion Ratio Lower Upper

266 100

268 64.3 48.2 72.4

264 64.7 49.4 74.0

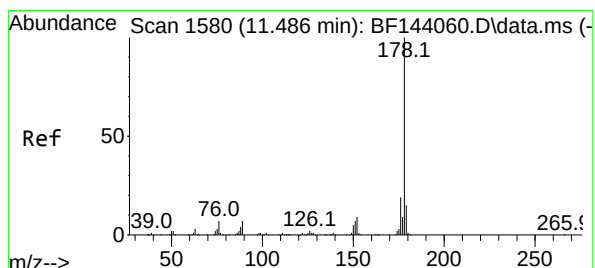
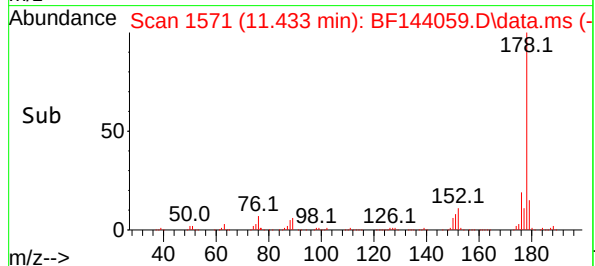
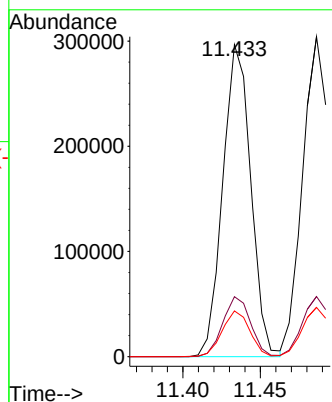
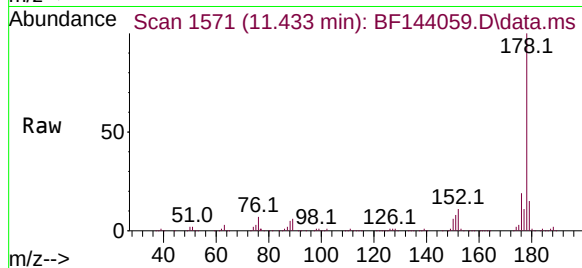




#71
Phenanthrene
Concen: 20.315 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

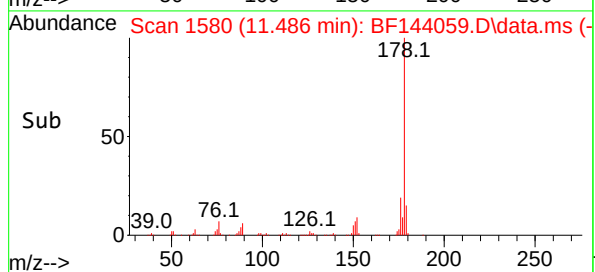
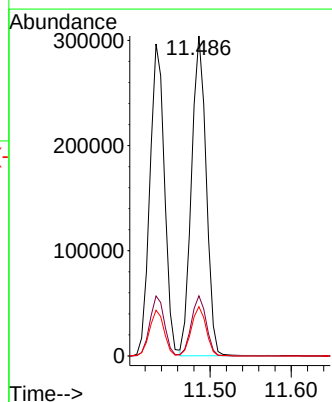
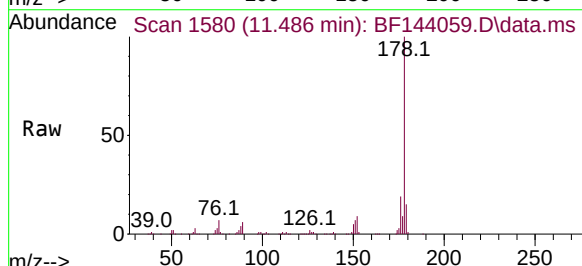
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

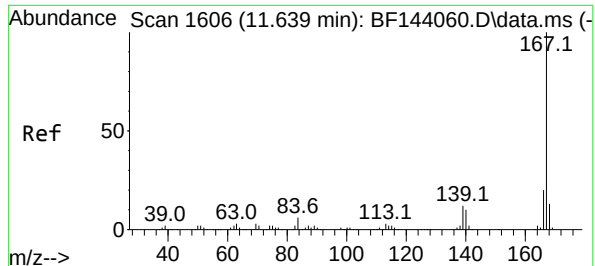
Tgt Ion:178 Resp: 372967
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 14.6 12.6 18.8



#72
Anthracene
Concen: 20.060 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:178 Resp: 380455
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 11.8 17.6

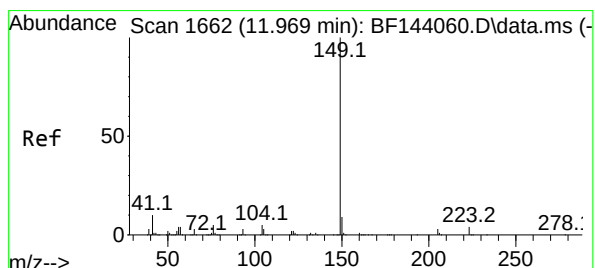
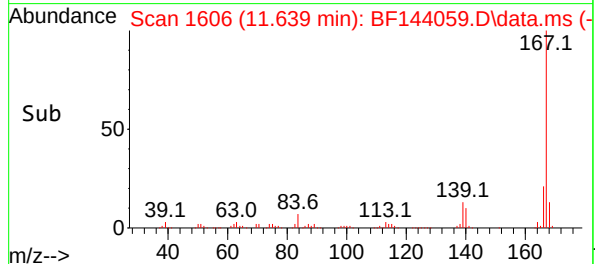
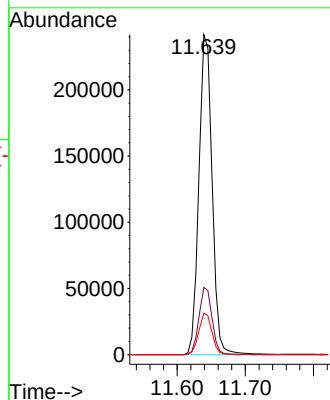
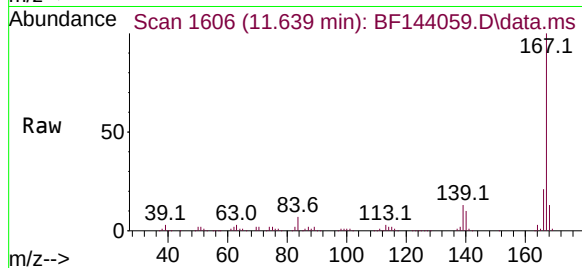




#73
Carbazole
Concen: 20.225 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

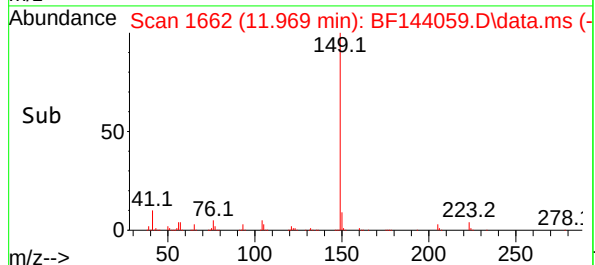
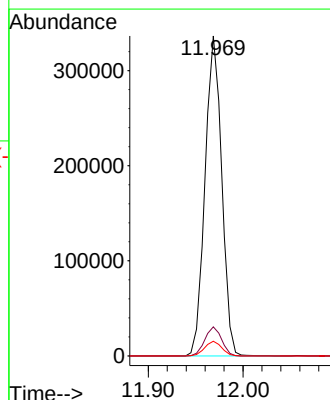
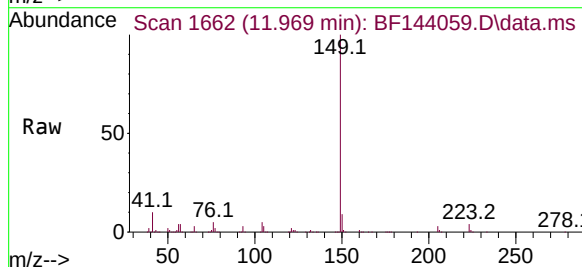
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

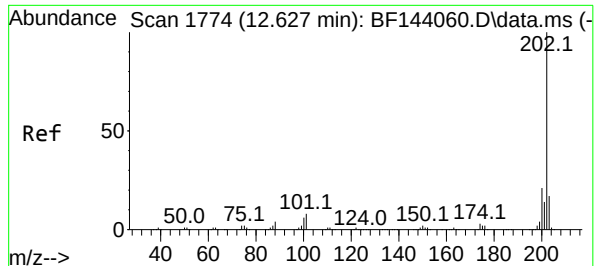
Tgt Ion:167 Resp: 326491
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.9 9.8 14.6



#74
Di-n-butylphthalate
Concen: 20.841 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:149 Resp: 412471
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.6 5.4

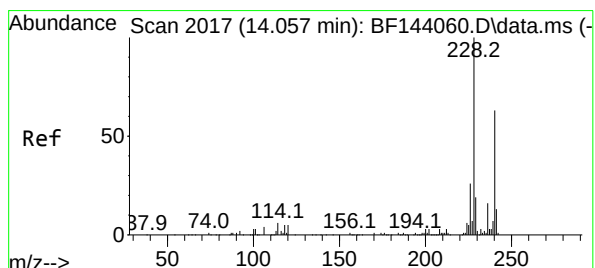
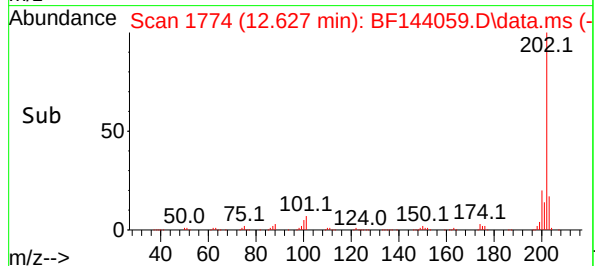
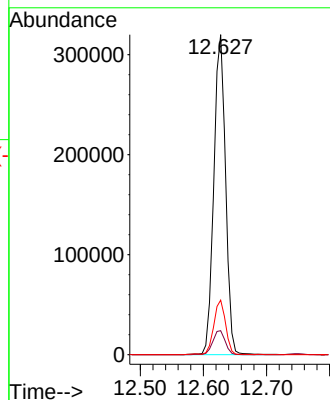
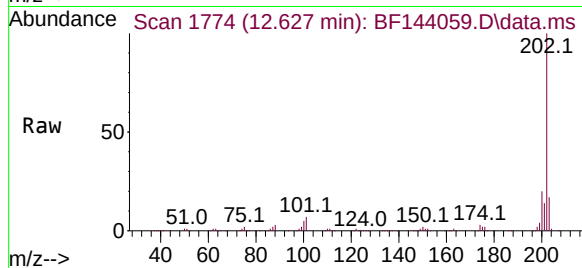




#75
Fluoranthene
Concen: 20.430 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

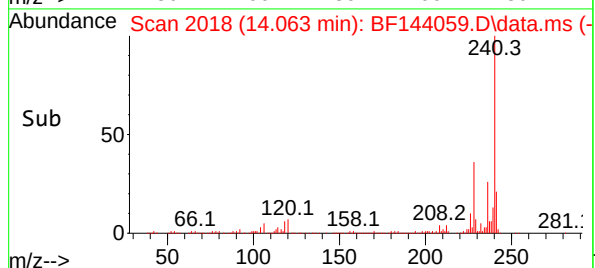
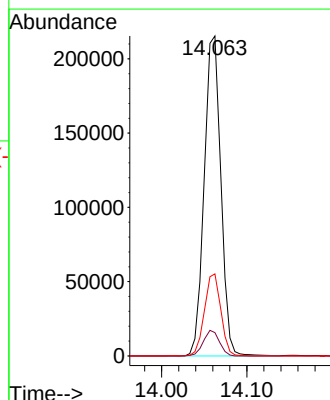
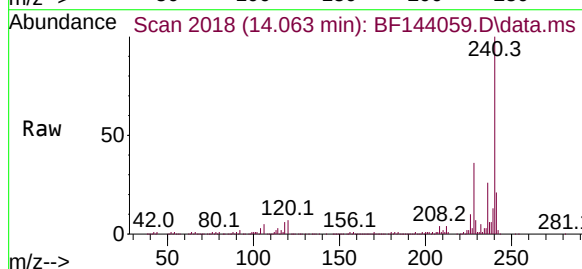
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

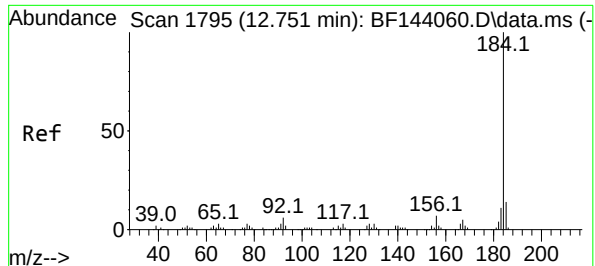
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.7
203	17.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.5	9.7
236	25.6	20.1	30.1





#77

Benzidine

Concen: 19.736 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

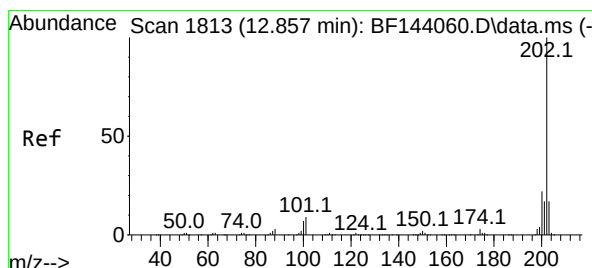
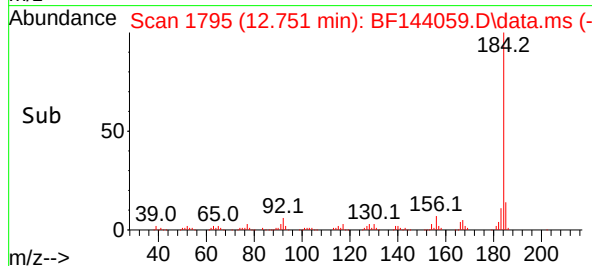
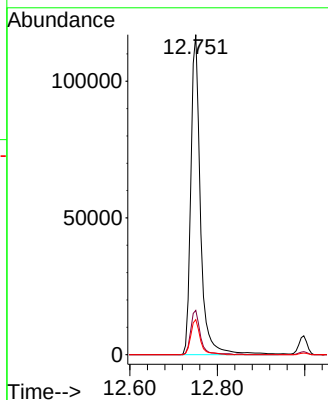
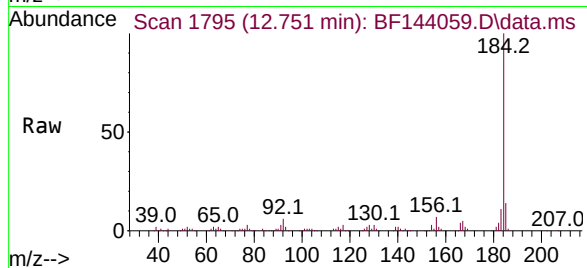
Tgt Ion:184 Resp: 179581

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 10.9 8.5 12.7



#78

Pyrene

Concen: 19.831 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

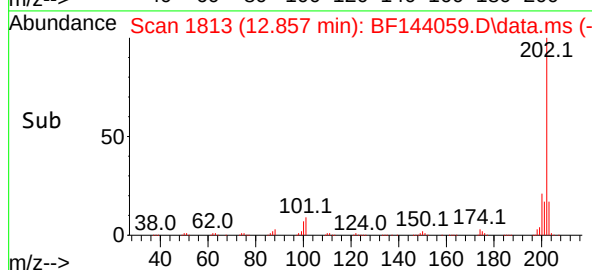
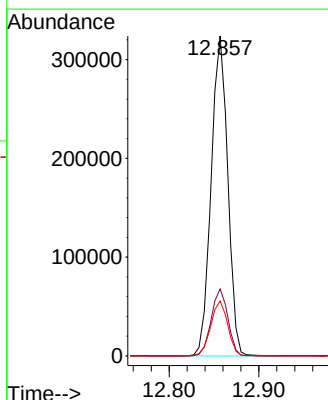
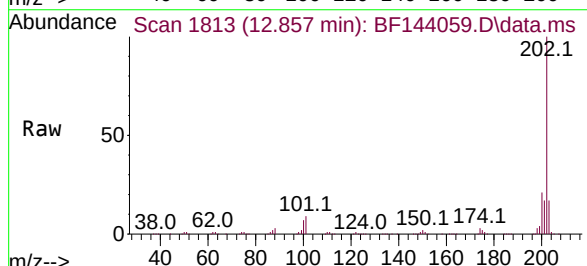
Tgt Ion:202 Resp: 416839

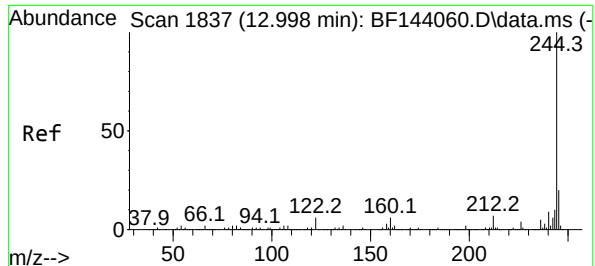
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.1 13.5 20.3

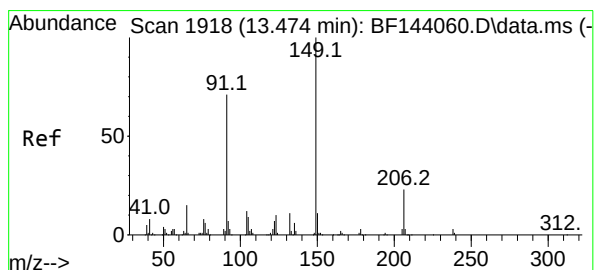
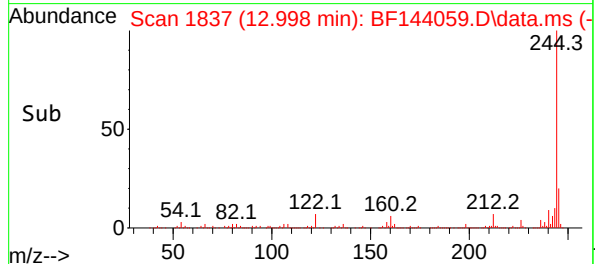
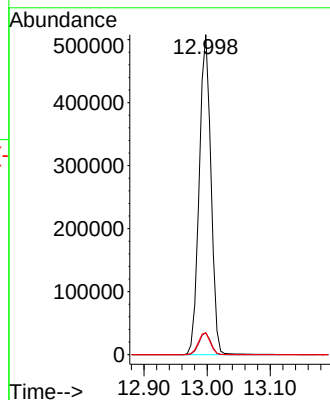
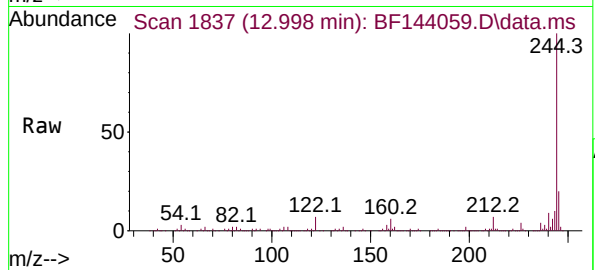




#79
Terphenyl-d14
Concen: 39.189 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

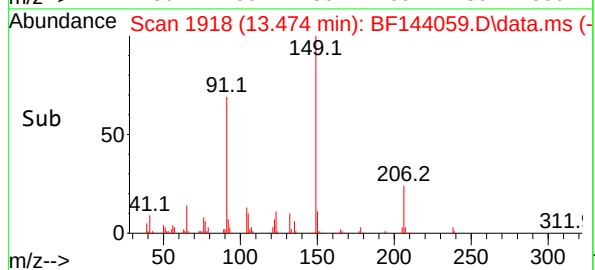
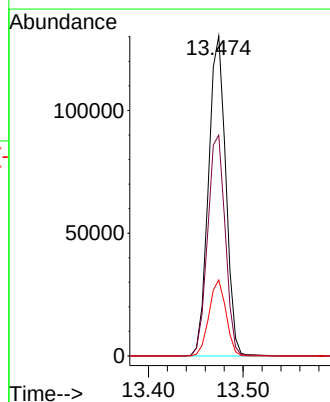
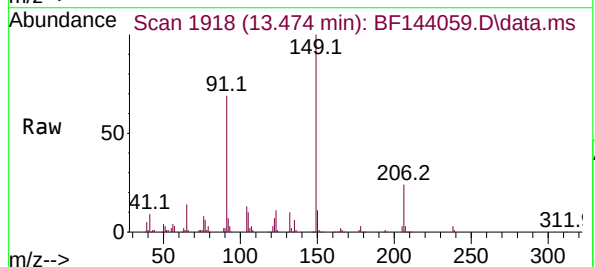
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

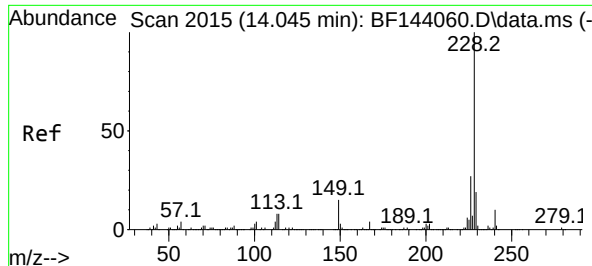
Tgt Ion:244 Resp: 655393
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 6.8 4.9 7.3



#80
Butylbenzylphthalate
Concen: 20.827 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:149 Resp: 165613
Ion Ratio Lower Upper
149 100
91 69.0 56.6 84.8
206 23.7 18.3 27.5

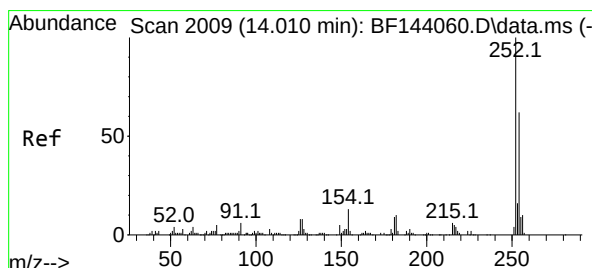
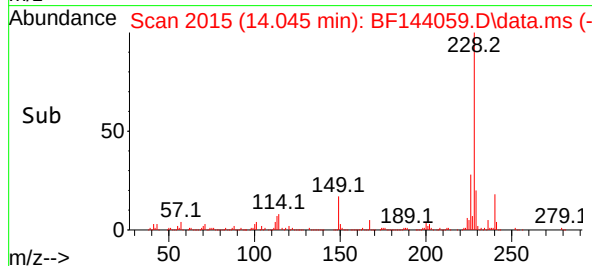
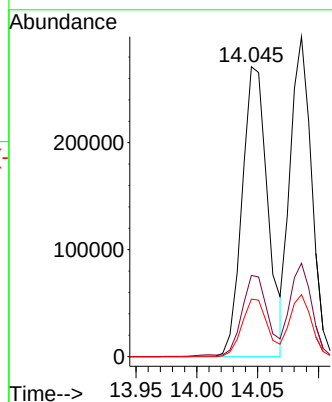
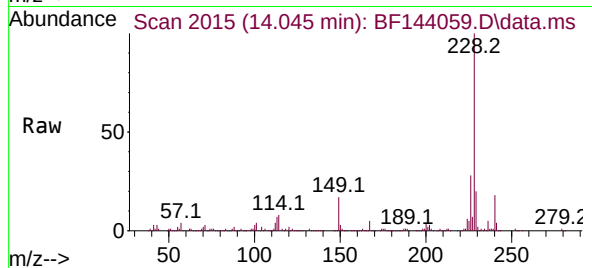




#81
Benzo(a)anthracene
Concen: 20.114 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

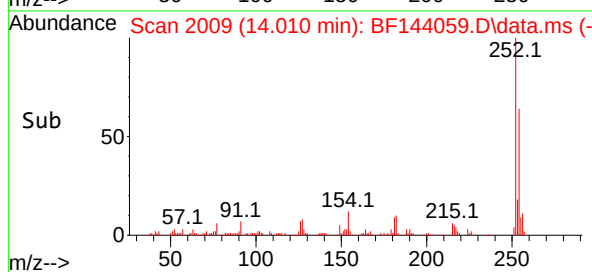
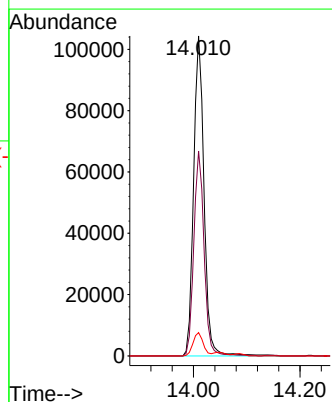
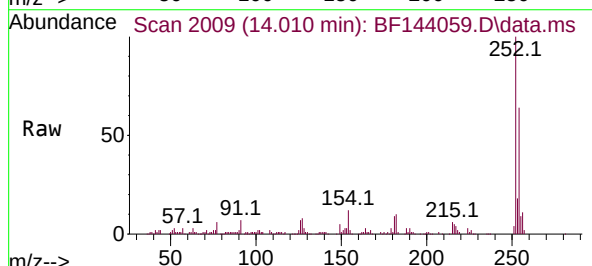
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

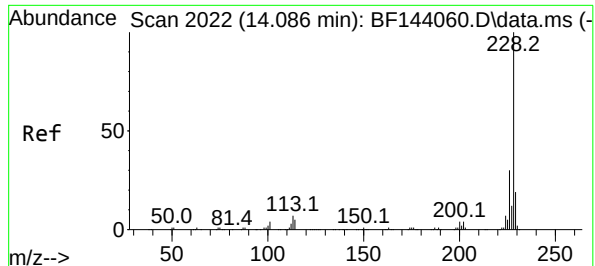
Tgt Ion:228 Resp: 397414
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.2
229 19.9 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 20.599 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:252 Resp: 141681
Ion Ratio Lower Upper
252 100
254 64.0 49.9 74.9
126 7.3 6.5 9.7





#83

Chrysene

Concen: 19.753 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

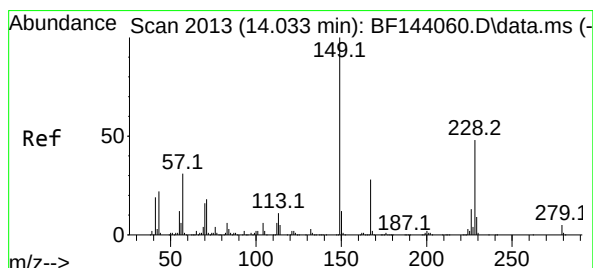
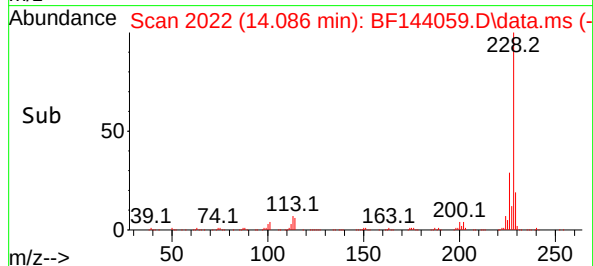
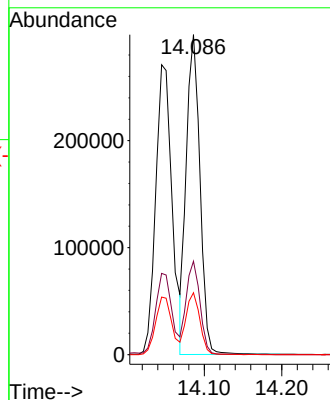
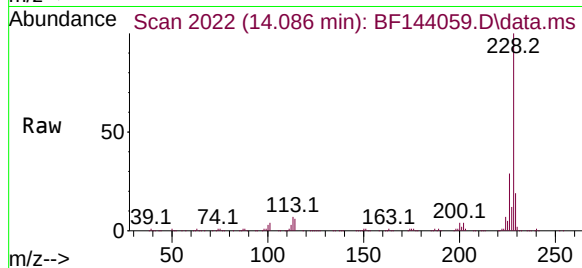
Tgt Ion:228 Resp: 366241

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.491 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

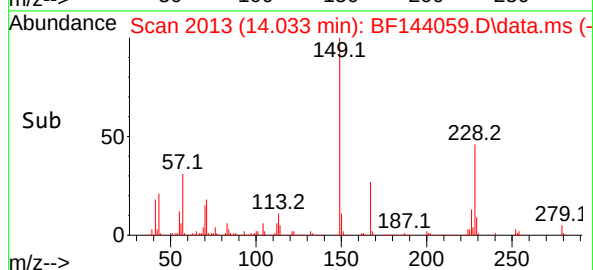
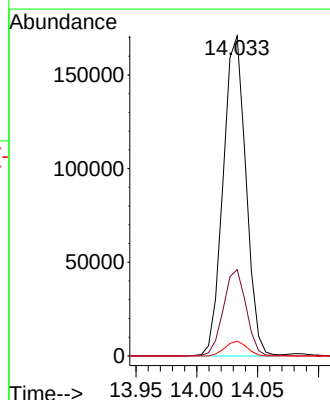
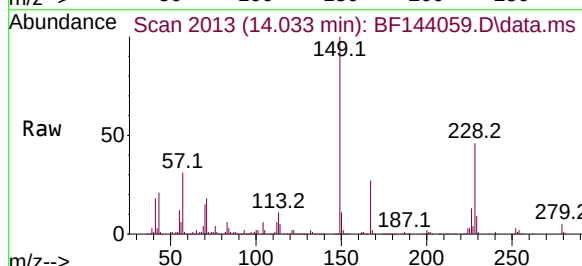
Tgt Ion:149 Resp: 222446

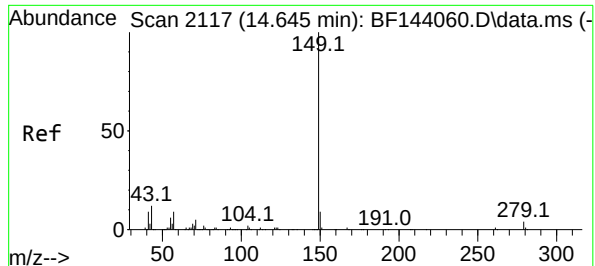
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.6 3.6 5.4

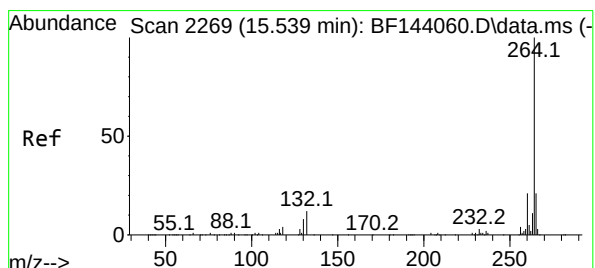
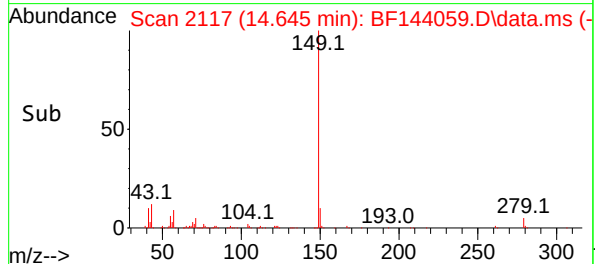
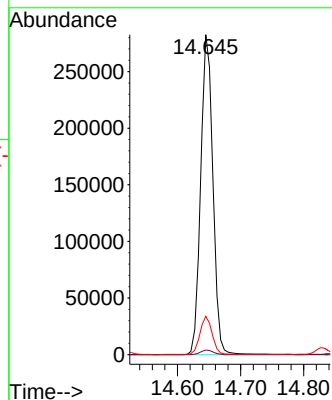
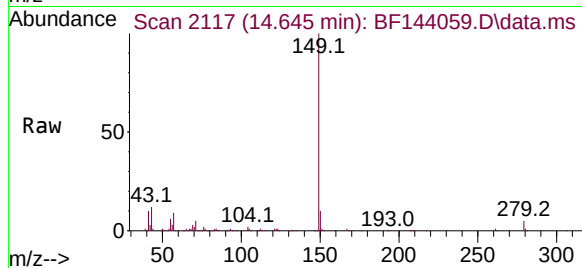




#85
Di-n-octyl phthalate
Concen: 20.284 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

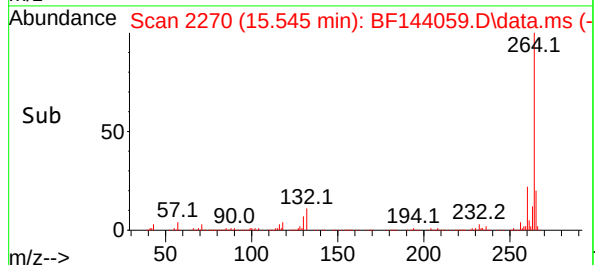
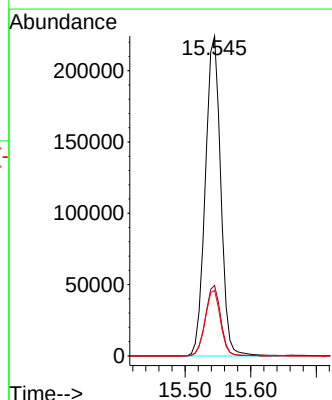
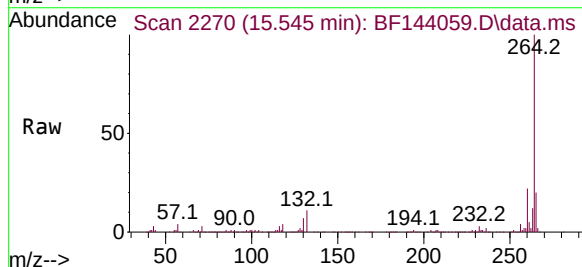
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

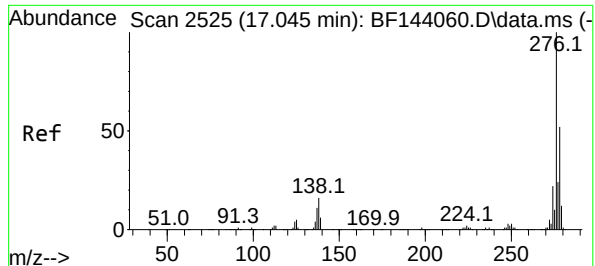
Tgt Ion:149 Resp: 378673
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:264 Resp: 364339
Ion Ratio Lower Upper
264 100
260 22.0 17.0 25.4
265 20.4 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.307 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

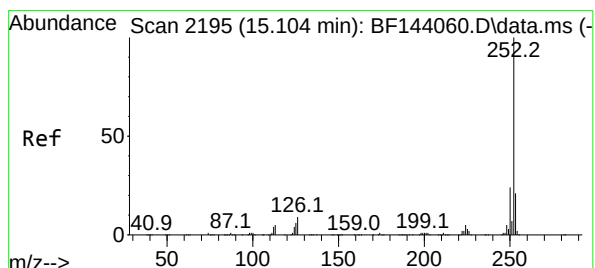
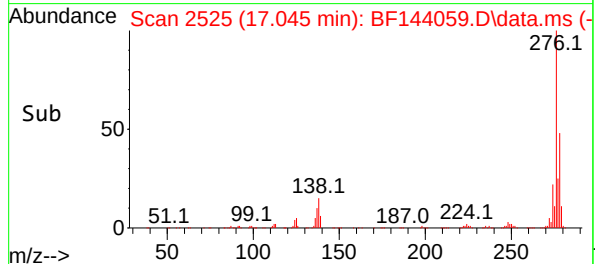
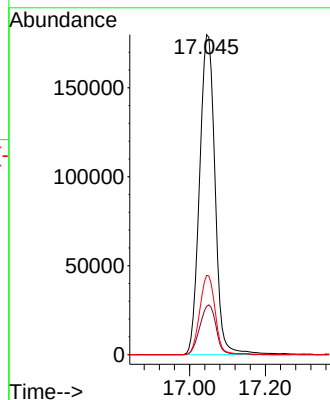
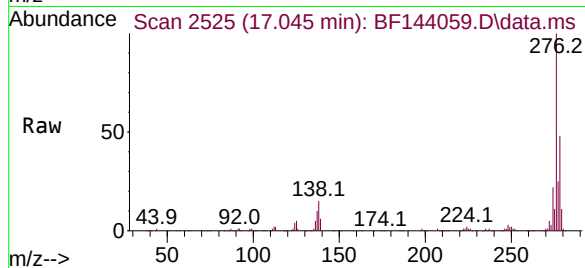
Tgt Ion:276 Resp: 507947

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.5 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 20.396 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

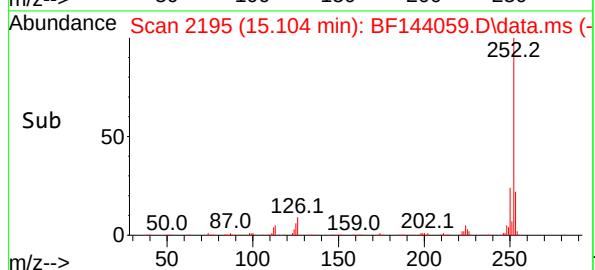
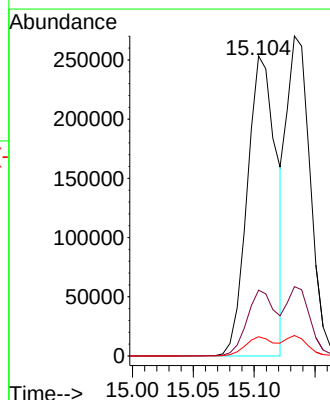
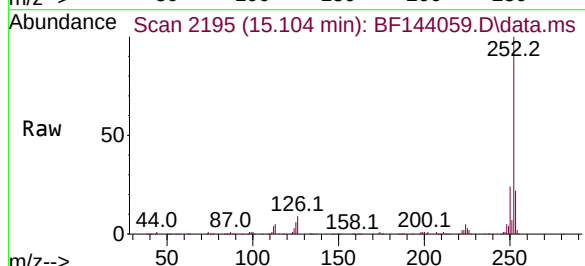
Tgt Ion:252 Resp: 420103

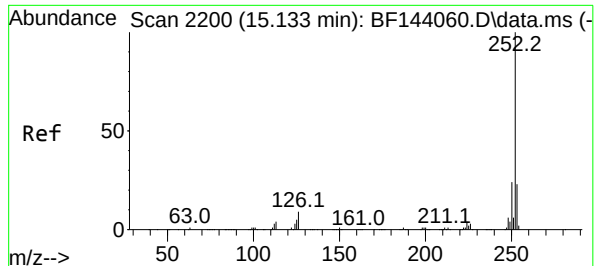
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.4 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 19.372 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

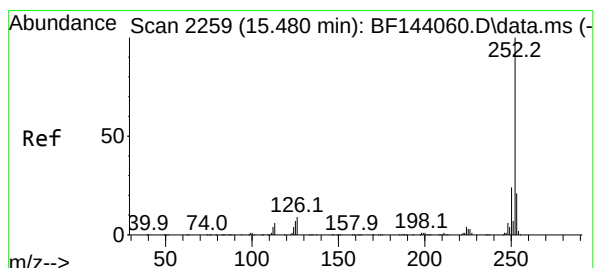
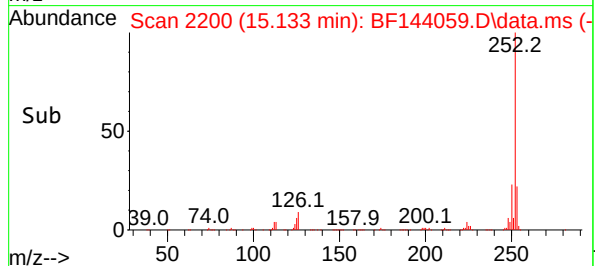
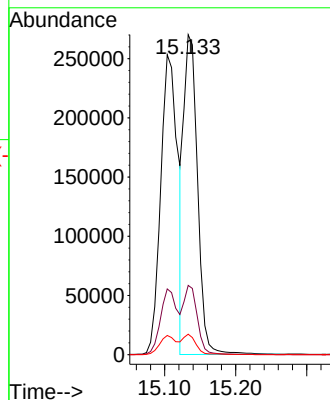
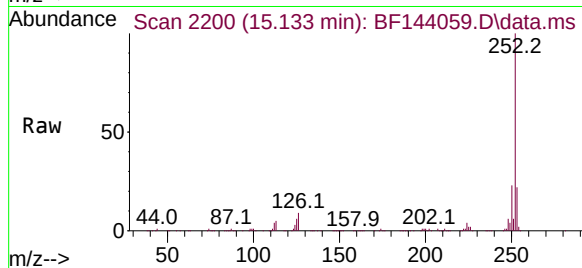
Tgt Ion:252 Resp: 368139

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 20.423 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

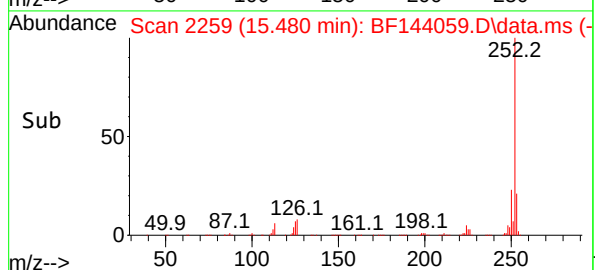
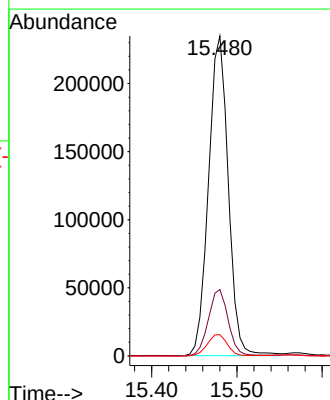
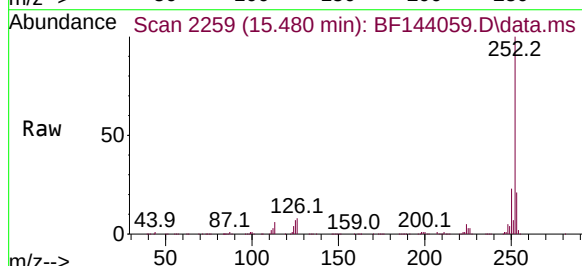
Tgt Ion:252 Resp: 377387

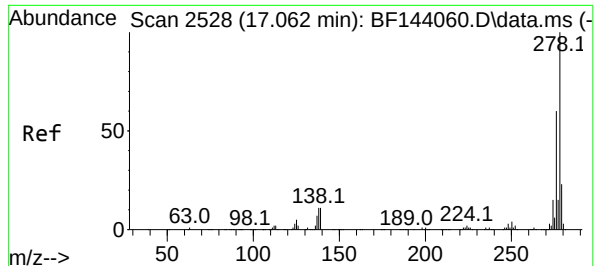
Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 6.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 20.364 ng

RT: 17.062 min Scan# 2528

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

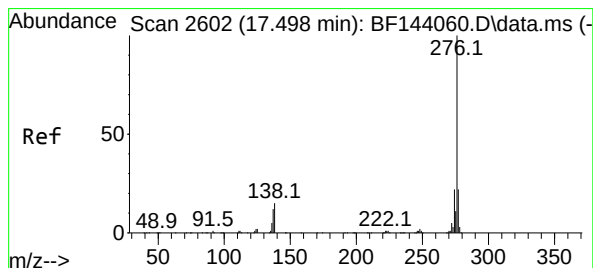
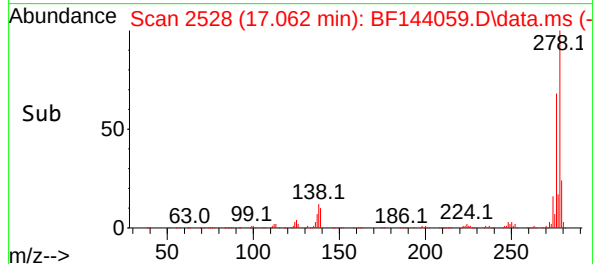
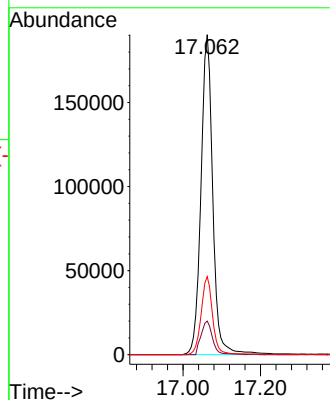
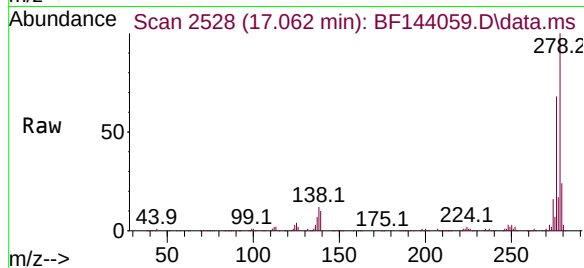
Tgt Ion:278 Resp: 403214

Ion Ratio Lower Upper

278 100

139 10.5 8.5 12.7

279 24.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 20.563 ng

RT: 17.503 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

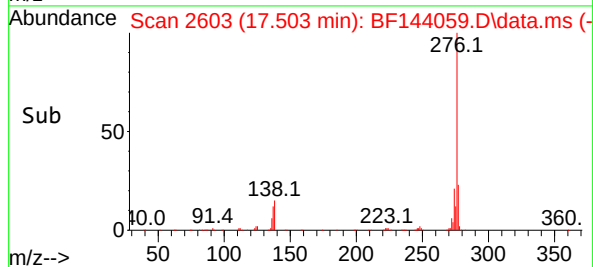
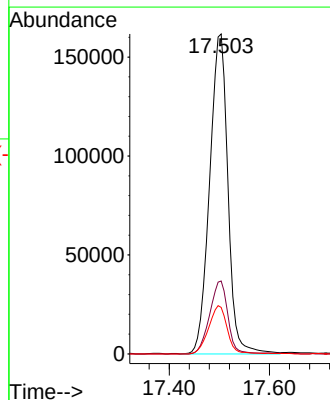
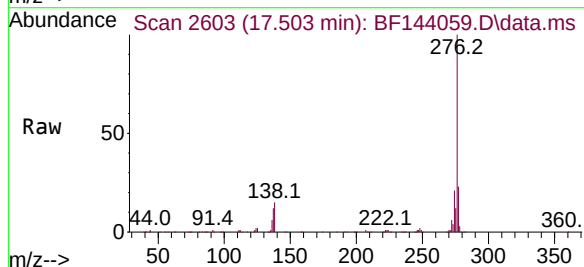
Tgt Ion:276 Resp: 409358

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 14.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144060.D
 Acq On : 24 Oct 2025 13:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 24 17:03:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49457	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	178191	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	91554	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	159613	20.000	ng	0.00
76) Chrysene-d12	14.057	240	123616	20.000	ng	0.00
86) Perylene-d12	15.539	264	152855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	257786	82.465	ng	0.00
7) Phenol-d6	6.504	99	278572	80.690	ng	0.00
23) Nitrobenzene-d5	7.439	82	262114	80.590	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95908	82.238	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	531491	81.692	ng	0.00
79) Terphenyl-d14	12.998	244	599175	84.737	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	54397	40.269	ng	100
3) Pyridine	3.398	79	151037	41.765	ng	100
4) n-Nitrosodimethylamine	3.346	42	90217	40.599	ng	100
6) Aniline	6.539	93	199395	40.371	ng	100
8) 2-Chlorophenol	6.663	128	123726	40.190	ng	100
9) Benzaldehyde	6.434	77	103170	38.490	ng	100
10) Phenol	6.522	94	171675	40.307	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	123456	40.113	ng	100
12) 1,3-Dichlorobenzene	6.822	146	154816	40.768	ng	100
13) 1,4-Dichlorobenzene	6.898	146	153441	41.000	ng	100
14) 1,2-Dichlorobenzene	7.051	146	146404	40.430	ng	100
15) Benzyl Alcohol	7.016	79	113241	40.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	235025	40.632	ng	100
17) 2-Methylphenol	7.128	107	92050	38.877	ng	100
18) Hexachloroethane	7.392	117	53836	40.236	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	86672	38.823	ng	100
20) 3+4-Methylphenols	7.281	107	115474	41.255	ng	100
22) Acetophenone	7.286	105	155572	40.399	ng	100
24) Nitrobenzene	7.463	77	139675	40.596	ng	100
25) Isophorone	7.698	82	229089	40.288	ng	100
26) 2-Nitrophenol	7.775	139	68074	41.591	ng	100
27) 2,4-Dimethylphenol	7.810	122	102275	42.049	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	144080	40.631	ng	100
29) 2,4-Dichlorophenol	8.016	162	115057	40.677	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	119224	40.971	ng	100
31) Naphthalene	8.186	128	344062	40.910	ng	100
32) Benzoic acid	7.916	122	51883	33.628	ng	100
33) 4-Chloroaniline	8.233	127	119889	40.949	ng	100
34) Hexachlorobutadiene	8.298	225	96082	40.380	ng	100
35) Caprolactam	8.592	113	30206	42.585	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	100429	40.234	ng	100
37) 2-Methylnaphthalene	8.875	142	229345	41.362	ng	100
38) 1-Methylnaphthalene	8.975	142	210460	40.062	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	129417	41.130	ng	100
41) Hexachlorocyclopentadiene	9.028	237	39857	41.012	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	86607	42.346	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144060.D
 Acq On : 24 Oct 2025 13:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 24 17:03:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

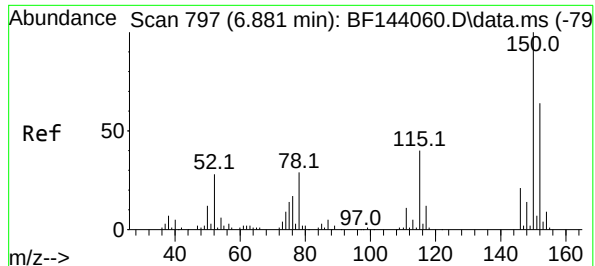
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	85520	39.842	ng	100
46) 1,1'-Biphenyl	9.339	154	269550	41.129	ng	100
47) 2-Chloronaphthalene	9.363	162	223762	40.753	ng	100
48) 2-Nitroaniline	9.457	65	69638	42.711	ng	100
49) Acenaphthylene	9.780	152	311770	42.112	ng	100
50) Dimethylphthalate	9.633	163	250045	41.666	ng	100
51) 2,6-Dinitrotoluene	9.698	165	50463	42.535	ng	100
52) Acenaphthene	9.951	154	203905	41.240	ng	100
53) 3-Nitroaniline	9.869	138	58978	44.713	ng	100
54) 2,4-Dinitrophenol	9.980	184	22640	35.283	ng	100
55) Dibenzofuran	10.122	168	285490	41.592	ng	100
56) 4-Nitrophenol	10.027	139	34191	38.279	ng	100
57) 2,4-Dinitrotoluene	10.104	165	70572	44.075	ng	100
58) Fluorene	10.469	166	217594	41.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	65926	43.585	ng	100
60) Diethylphthalate	10.339	149	236119	41.838	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	123596	42.022	ng	100
62) 4-Nitroaniline	10.480	138	54231	43.392	ng	100
63) Azobenzene	10.622	77	226383	42.381	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	39142	38.223	ng	100
66) n-Nitrosodiphenylamine	10.574	169	205138	40.226	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	83105	41.585	ng	100
68) Hexachlorobenzene	11.016	284	102619	41.869	ng	100
69) Atrazine	11.104	200	66524	39.753	ng	100
70) Pentachlorophenol	11.216	266	47778	40.953	ng	100
71) Phenanthrene	11.433	178	324774	40.961	ng	100
72) Anthracene	11.486	178	336252	41.053	ng	100
73) Carbazole	11.639	167	289029	41.458	ng	100
74) Di-n-butylphthalate	11.969	149	357025	41.770	ng	100
75) Fluoranthene	12.627	202	358431	40.917	ng	100
77) Benzidine	12.751	184	164527	42.766	ng	100
78) Pyrene	12.857	202	375923	42.300	ng	100
80) Butylbenzylphthalate	13.474	149	148621	44.204	ng	100
81) Benzo(a)anthracene	14.045	228	374791	44.863	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	126028	43.337	ng	100
83) Chrysene	14.086	228	326041	41.590	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	196471	42.805	ng	100
85) Di-n-octyl phthalate	14.645	149	345760	43.804	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	451467	43.020	ng	100
88) Benzo(b)fluoranthene	15.104	252	386268	44.700	ng	100
89) Benzo(k)fluoranthene	15.133	252	323867	40.621	ng	100
90) Benzo(a)pyrene	15.480	252	332791	42.927	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	356487	42.914	ng	100
92) Benzo(g,h,i)perylene	17.498	276	365458	43.758	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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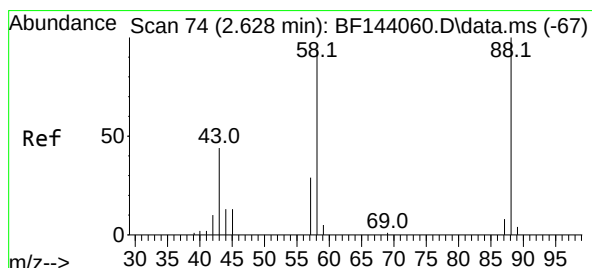
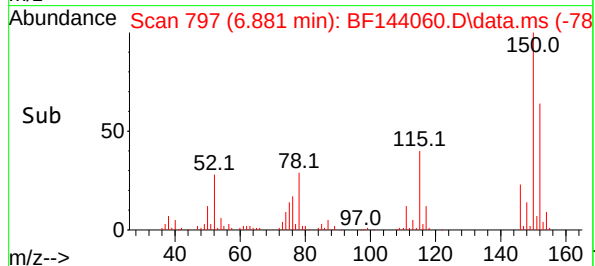
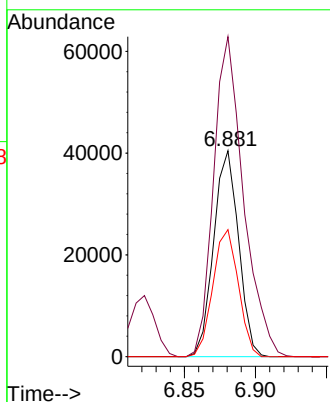
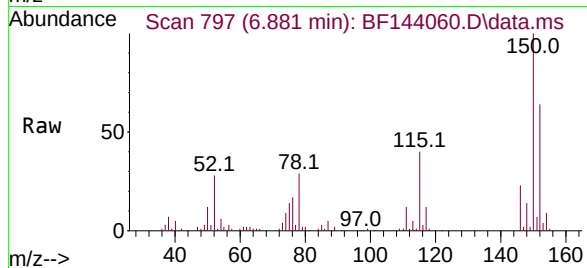




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

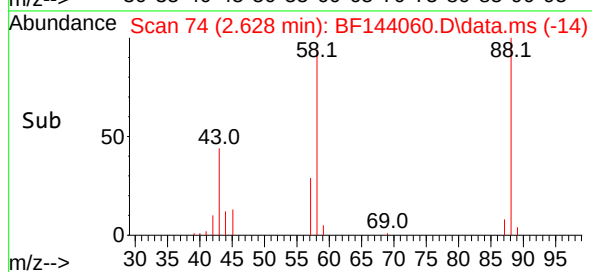
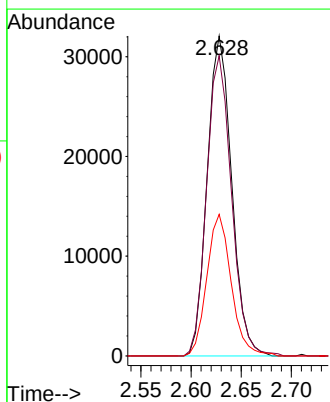
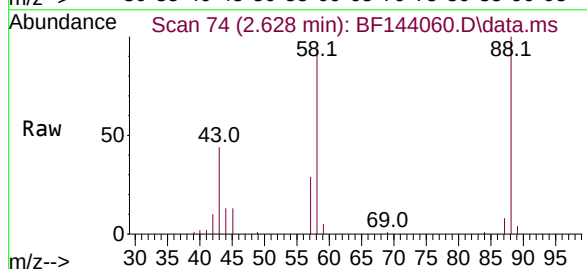
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

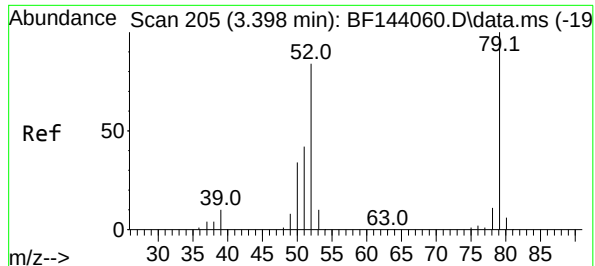
Tgt Ion:152 Resp: 49457
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 61.7 49.4 74.0



#2
1,4-Dioxane
Concen: 40.269 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 88 Resp: 54397
Ion Ratio Lower Upper
88 100
58 95.6 76.5 114.7
43 44.1 35.3 52.9

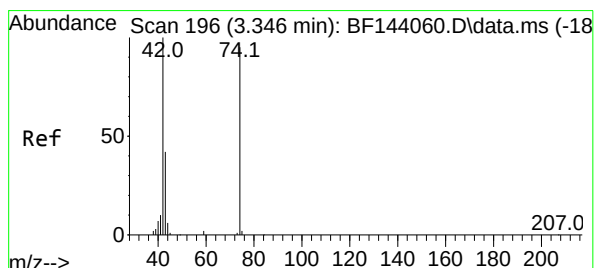
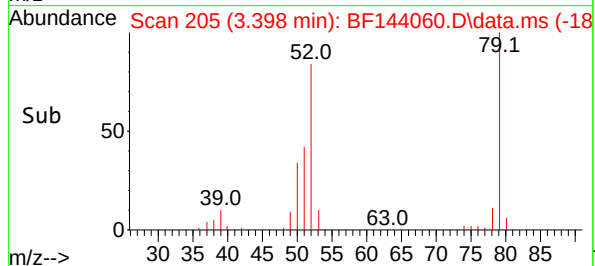
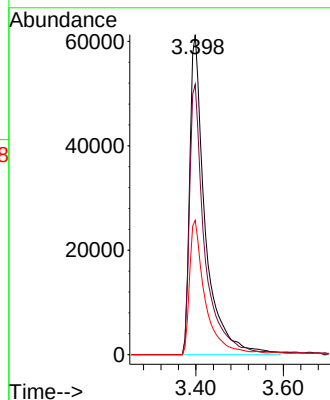
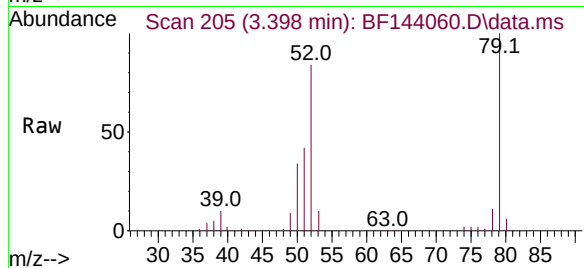




#3
Pyridine
Concen: 41.765 ng
RT: 3.398 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

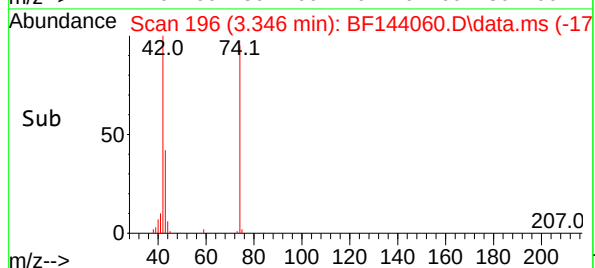
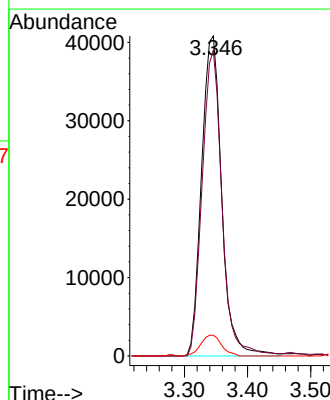
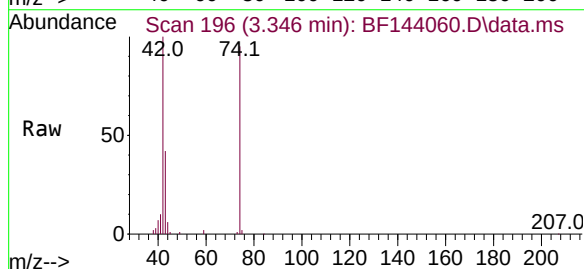
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

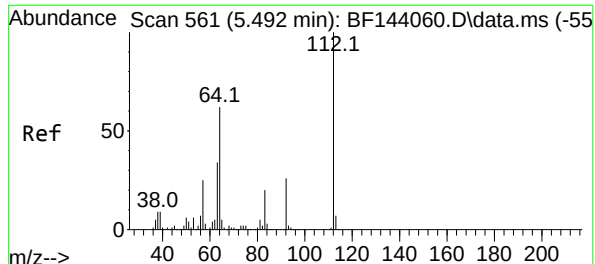
Tgt Ion: 79 Resp: 151037
Ion Ratio Lower Upper
79 100
52 84.4 67.5 101.3
51 42.0 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 40.599 ng
RT: 3.346 min Scan# 196
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 42 Resp: 90217
Ion Ratio Lower Upper
42 100
74 95.5 76.4 114.6
44 6.5 5.2 7.8

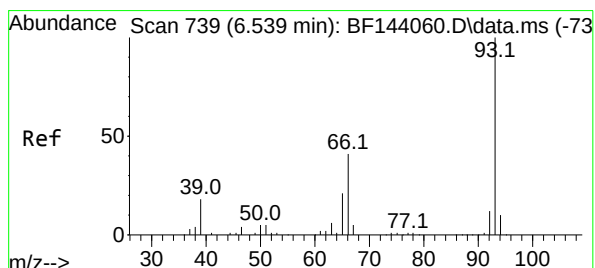
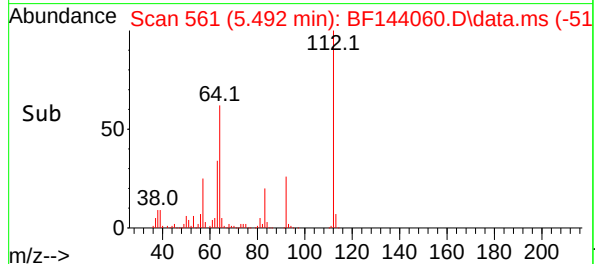
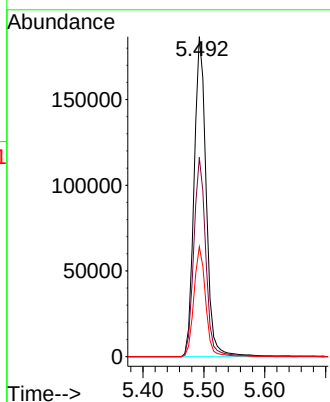
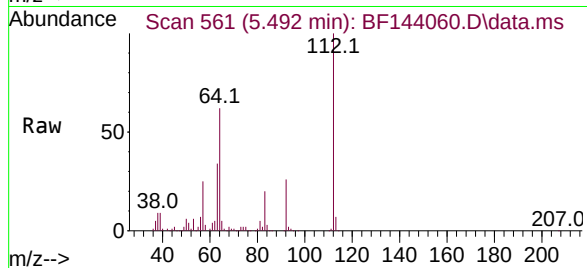




#5
2-Fluorophenol
Concen: 82.465 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

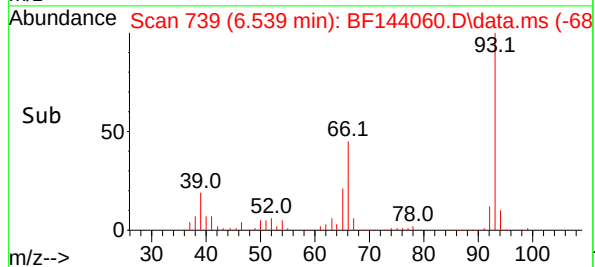
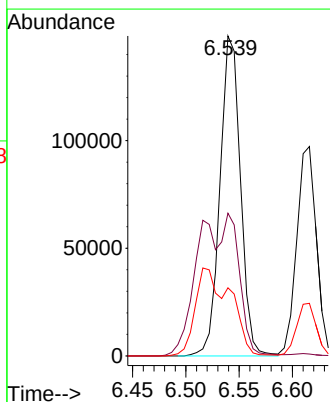
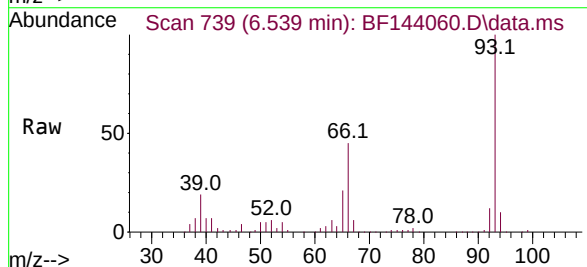
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

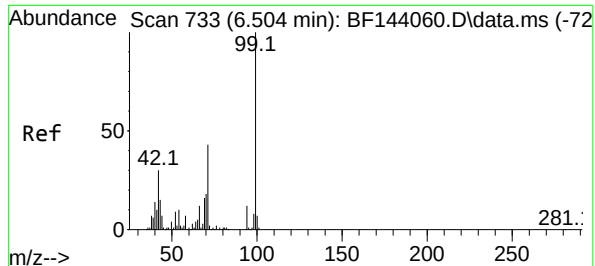
Tgt Ion:112 Resp: 257786
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 40.371 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 93 Resp: 199395
Ion Ratio Lower Upper
93 100
66 44.6 35.7 53.5
65 21.3 17.0 25.6





#7

Phenol-d6

Concen: 80.690 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

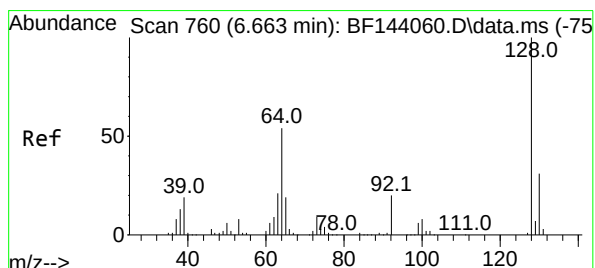
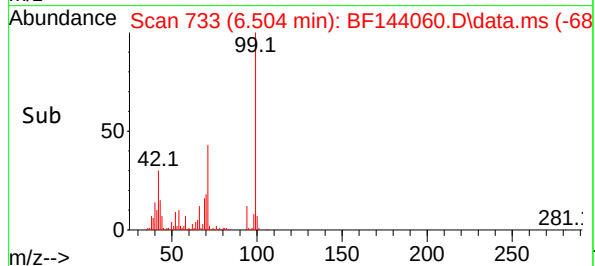
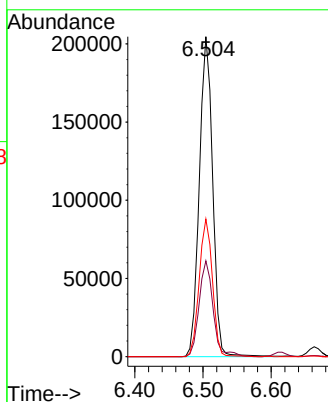
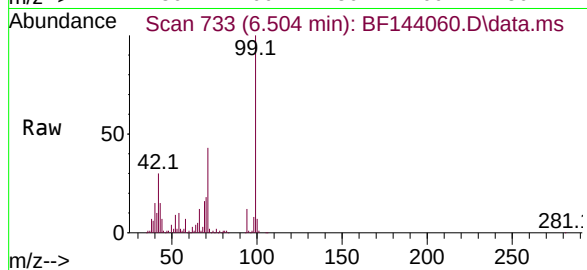
Tgt Ion: 99 Resp: 278572

Ion Ratio Lower Upper

99 100

42 29.9 23.9 35.9

71 43.0 34.4 51.6



#8

2-Chlorophenol

Concen: 40.190 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

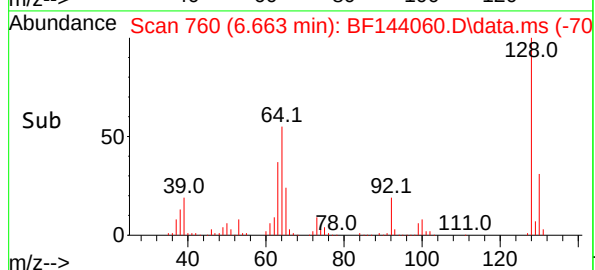
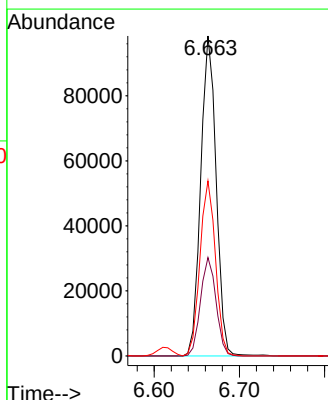
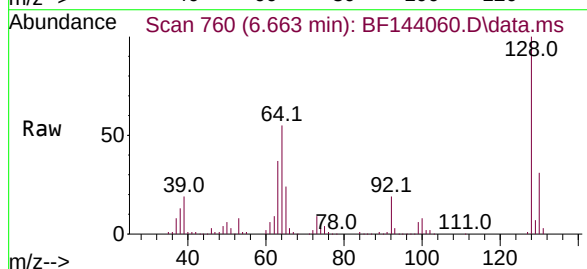
Tgt Ion: 128 Resp: 123726

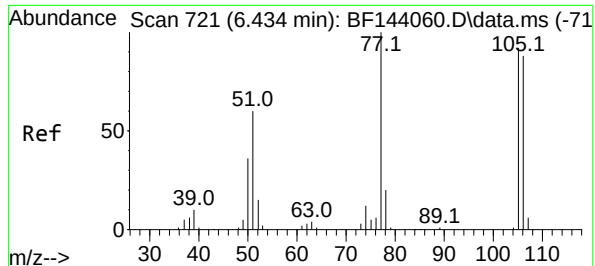
Ion Ratio Lower Upper

128 100

130 30.7 10.7 50.7

64 54.7 34.7 74.7





#9

Benzaldehyde

Concen: 38.490 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

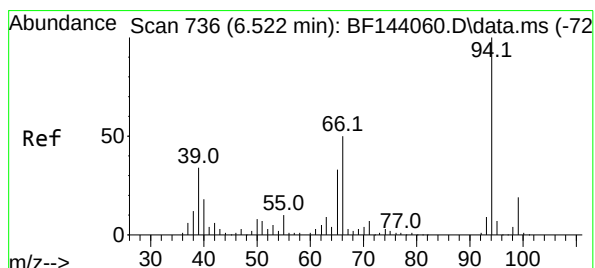
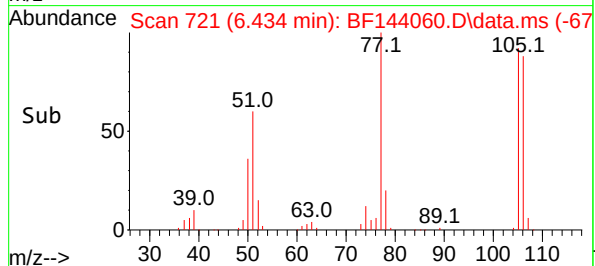
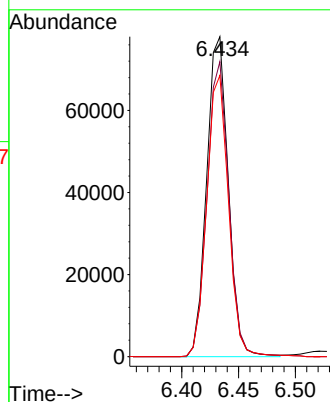
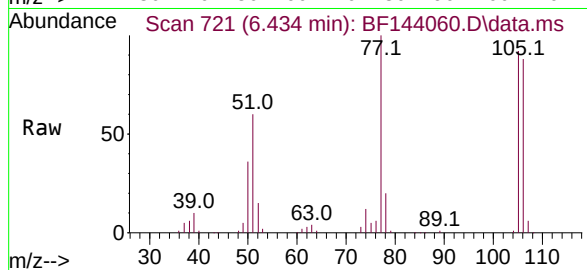
Tgt Ion: 77 Resp: 103170

Ion Ratio Lower Upper

77 100

105 92.2 72.2 112.2

106 87.9 67.9 107.9



#10

Phenol

Concen: 40.307 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

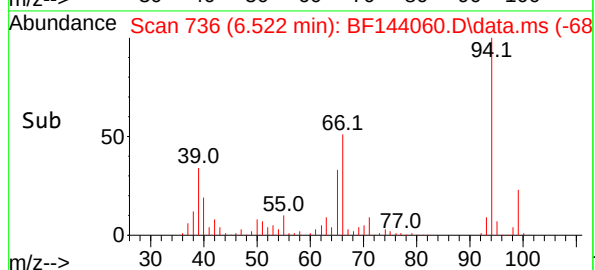
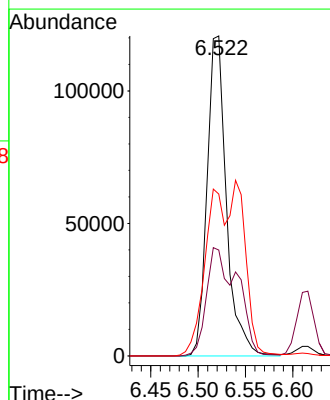
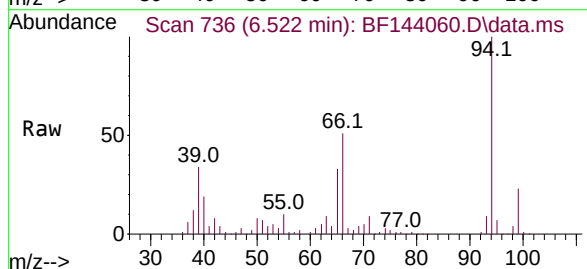
Tgt Ion: 94 Resp: 171675

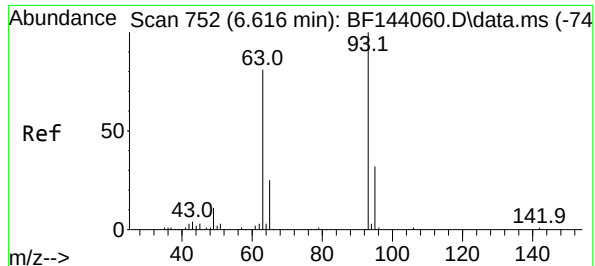
Ion Ratio Lower Upper

94 100

65 33.1 13.1 53.1

66 50.6 30.6 70.6

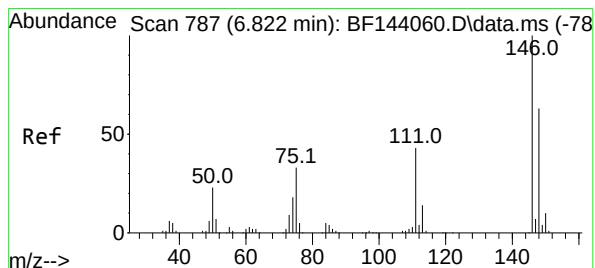
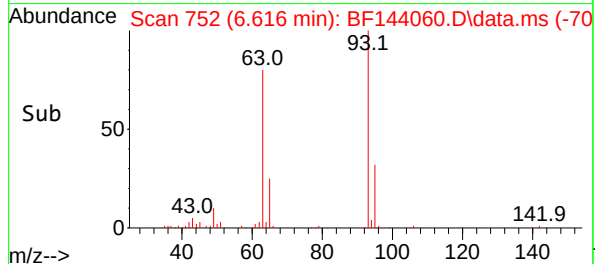
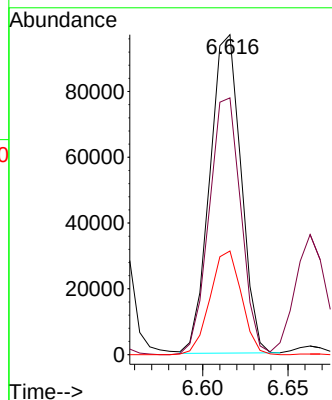
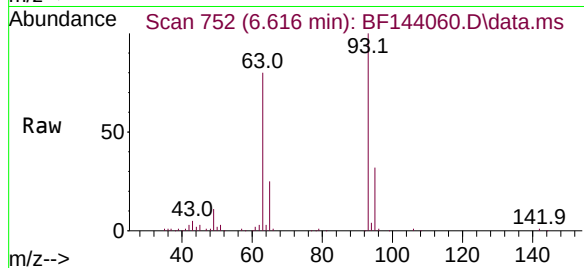




#11
bis(2-Chloroethyl)ether
Concen: 40.113 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

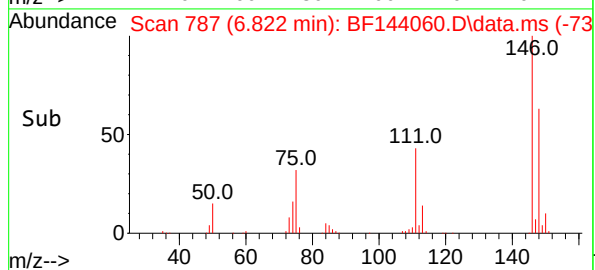
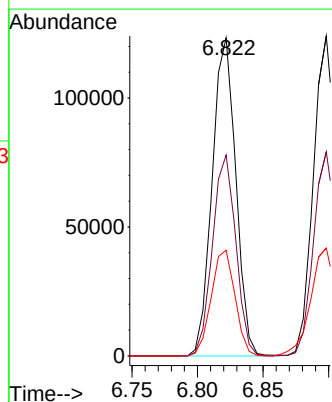
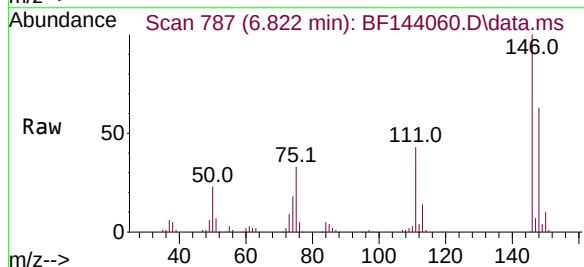
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BNA_F
ClientSampleId :
SSTDICCC040

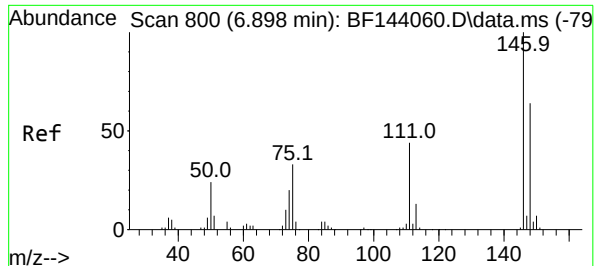
Tgt Ion: 93	Resp: 123456
Ion Ratio	Lower Upper
93	100
63	80.2 60.2 100.2
95	32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.768 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 146	Resp: 154816
Ion Ratio	Lower Upper
146	100
148	63.2 50.6 75.8
75	33.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 41.000 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

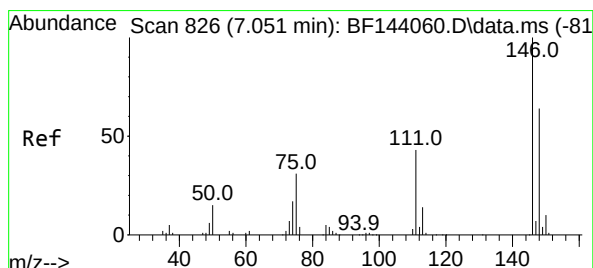
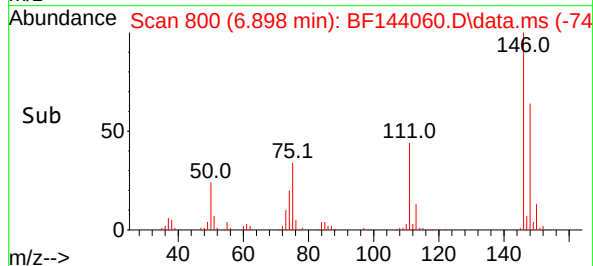
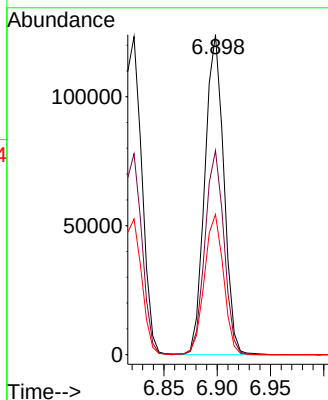
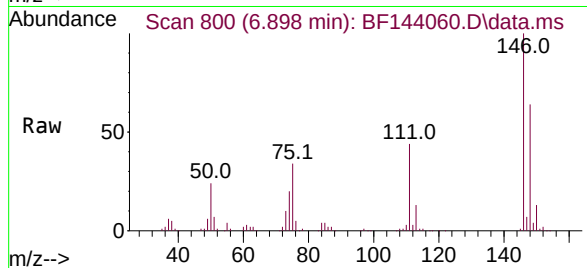
Tgt Ion:146 Resp: 153441

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.8 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.430 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

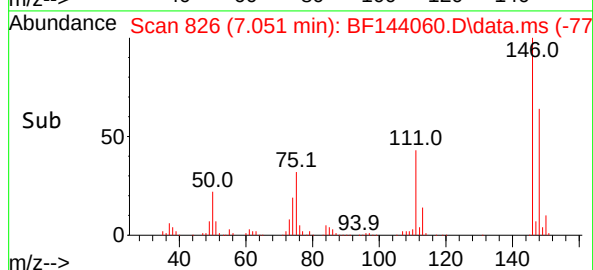
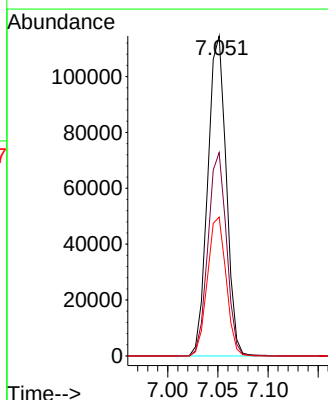
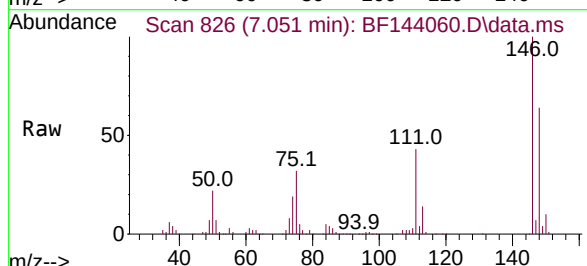
Tgt Ion:146 Resp: 146404

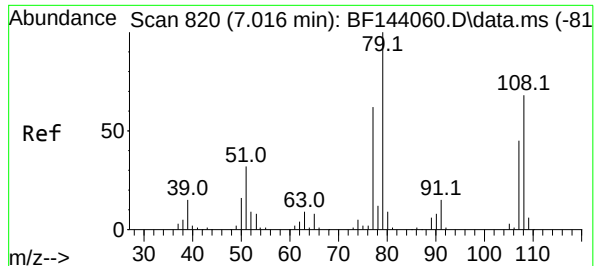
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 43.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 40.340 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

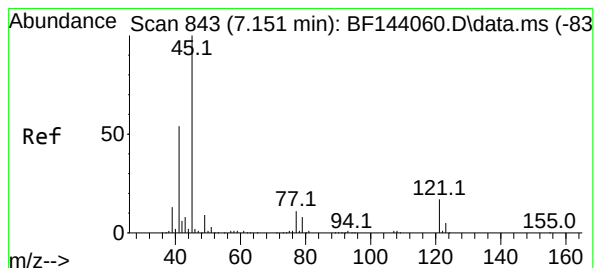
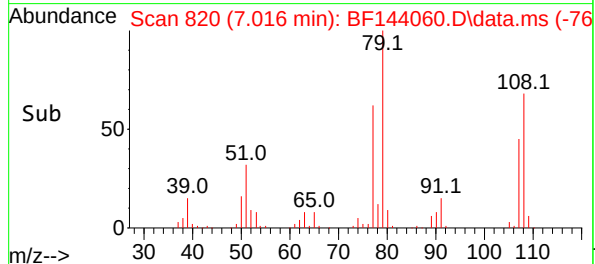
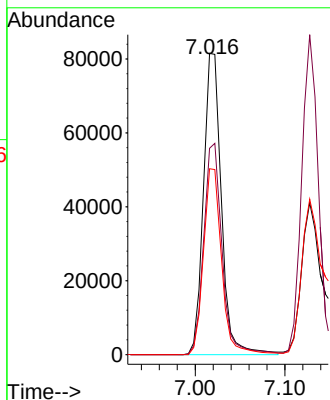
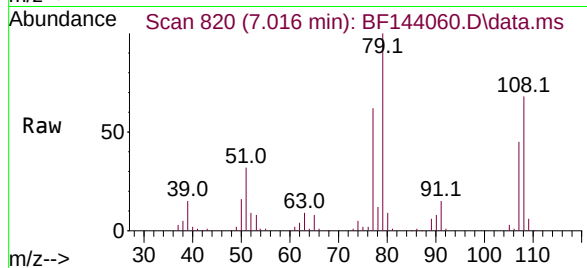
Tgt Ion: 79 Resp: 113241

Ion Ratio Lower Upper

79 100

108 68.5 54.8 82.2

77 61.7 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.632 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

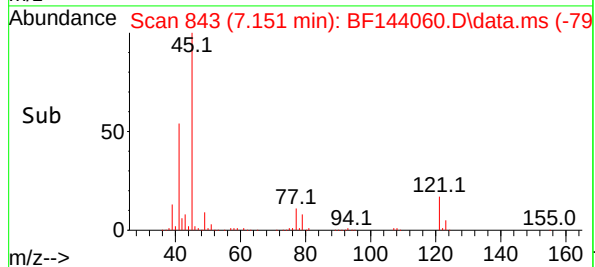
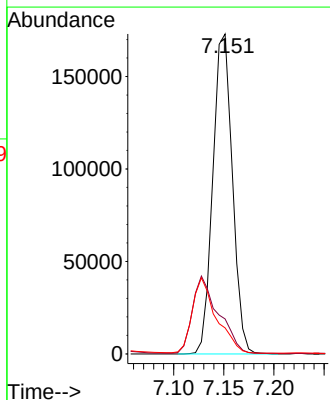
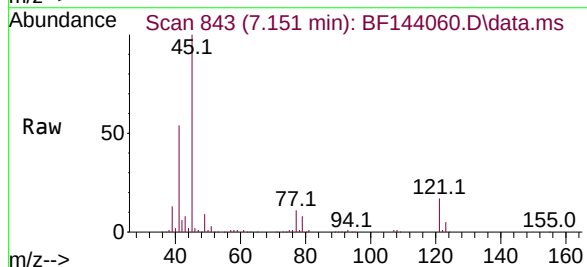
Tgt Ion: 45 Resp: 235025

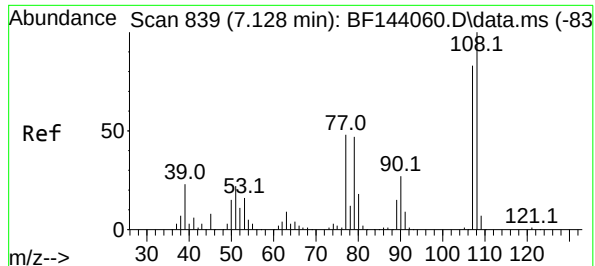
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.9

79 8.2 0.0 28.2

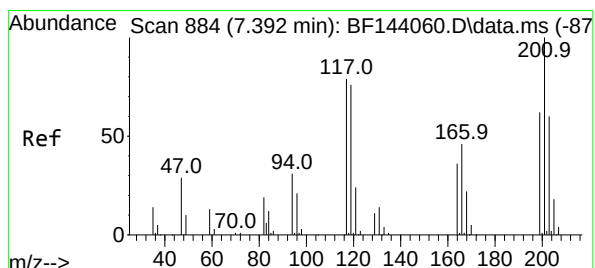
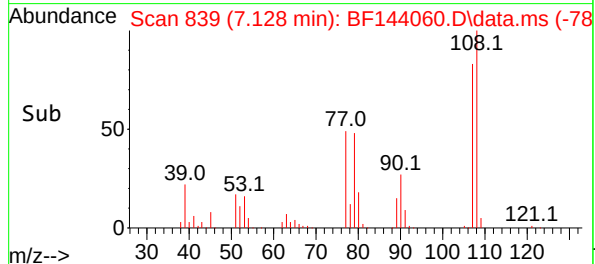
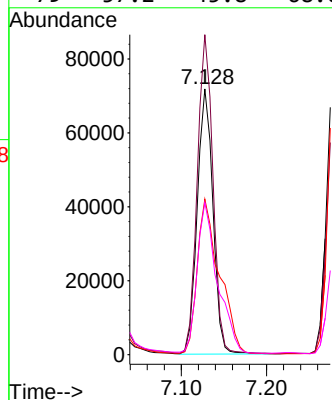
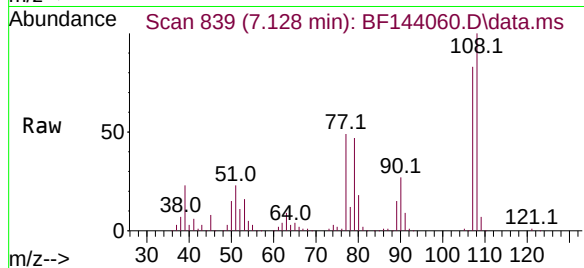




#17
2-Methylphenol
Concen: 38.877 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

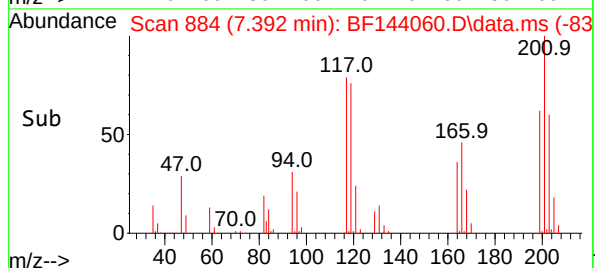
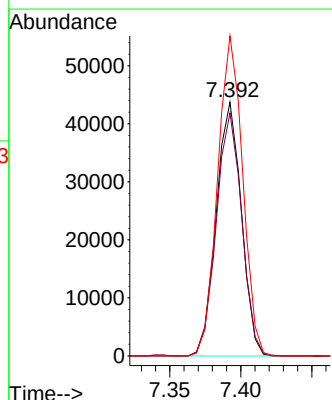
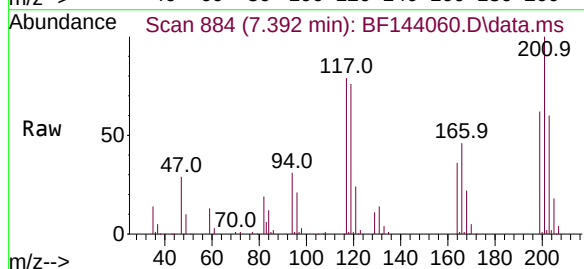
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

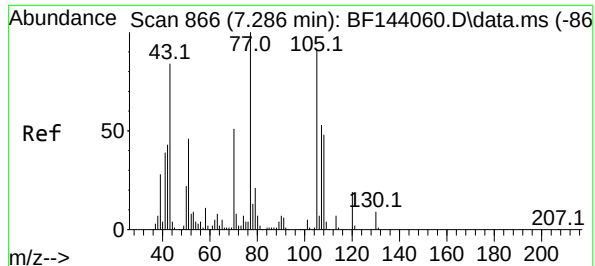
Tgt Ion:	107	Resp:	92050
Ion	Ratio	Lower	Upper
107	100		
108	120.5	96.4	144.6
77	58.5	46.8	70.2
79	57.2	45.8	68.6



#18
Hexachloroethane
Concen: 40.236 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	117	Resp:	53836
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	126.1	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.823 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144060.D

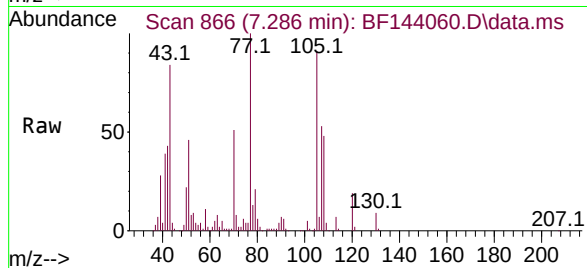
Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion: 70 Resp: 86672

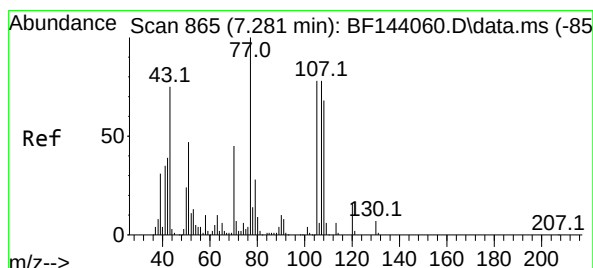
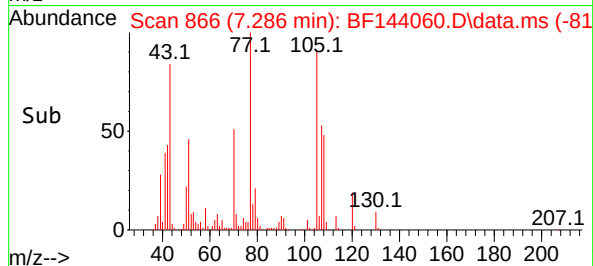
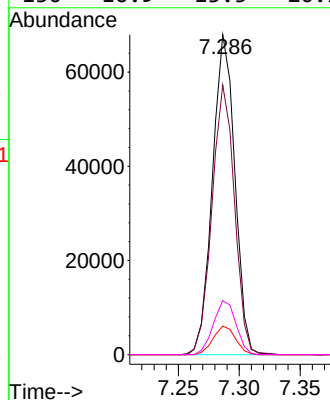
Ion Ratio Lower Upper

70 100

42 84.2 67.4 101.0

101 8.9 7.1 10.7

130 16.9 13.5 20.3



#20

3+4-Methylphenols

Concen: 41.255 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion: 107 Resp: 115474

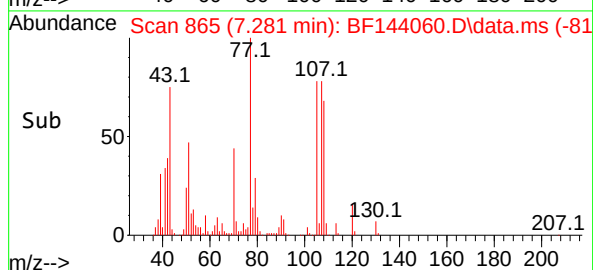
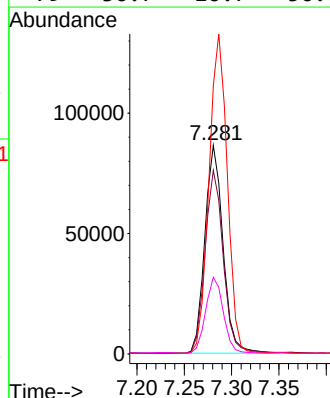
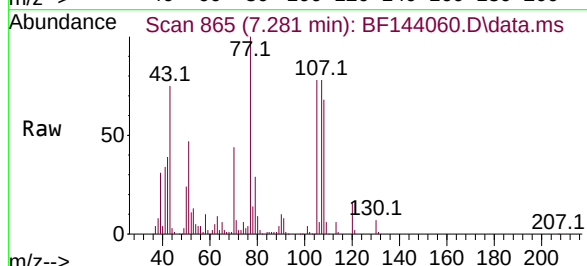
Ion Ratio Lower Upper

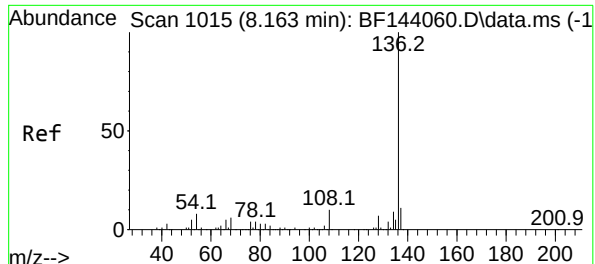
107 100

108 88.0 68.0 108.0

77 128.7 108.7 148.7

79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 178191

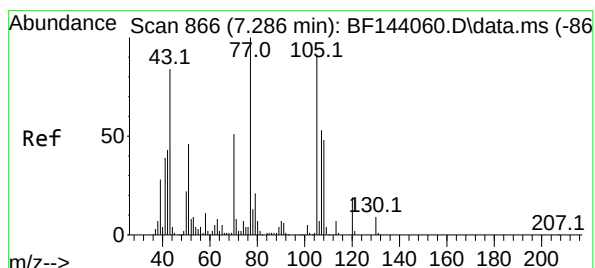
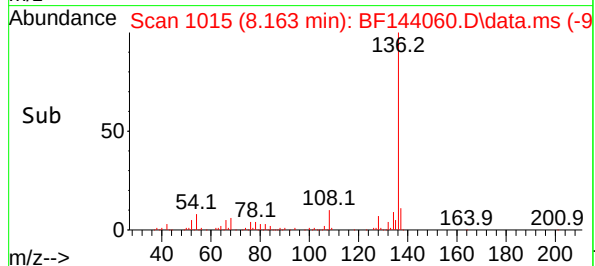
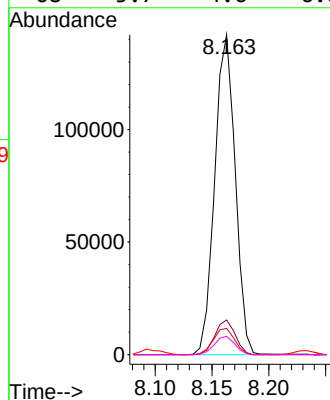
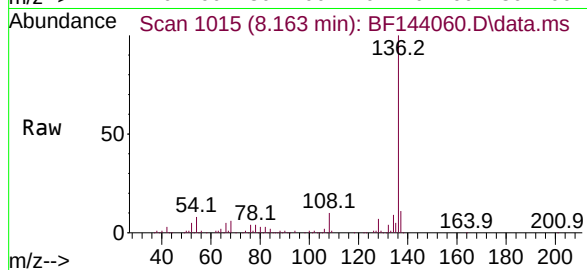
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.2 6.6 9.8

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 40.399 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:105 Resp: 155572

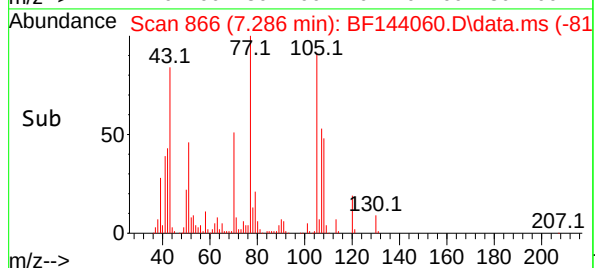
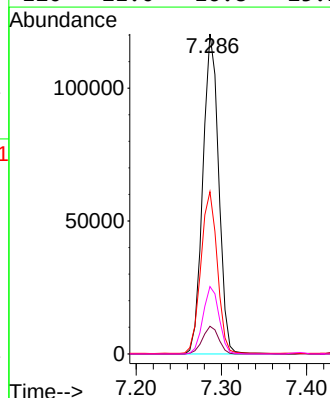
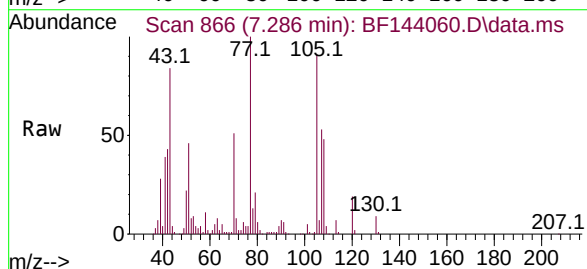
Ion Ratio Lower Upper

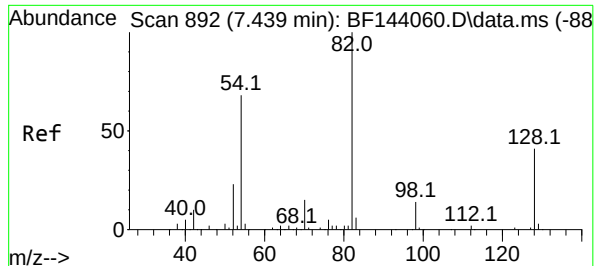
105 100

71 8.6 6.9 10.3

51 50.7 40.6 60.8

120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 80.590 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

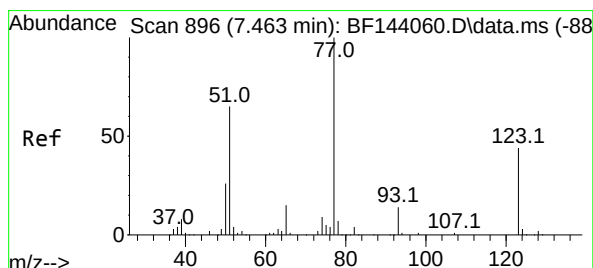
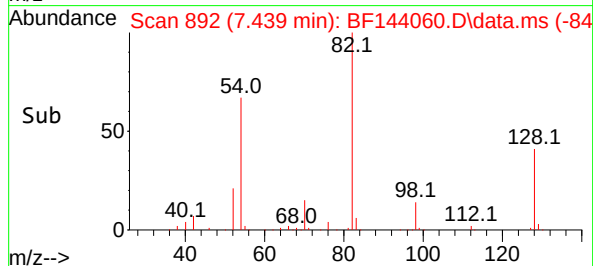
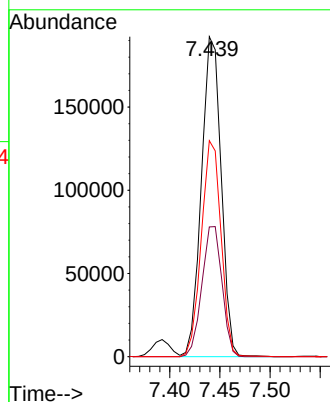
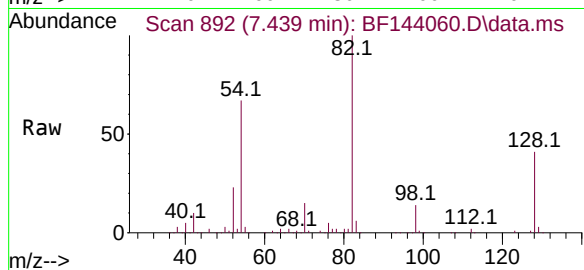
Tgt Ion: 82 Resp: 262114

Ion Ratio Lower Upper

82 100

128 40.5 32.4 48.6

54 67.5 54.0 81.0



#24

Nitrobenzene

Concen: 40.596 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

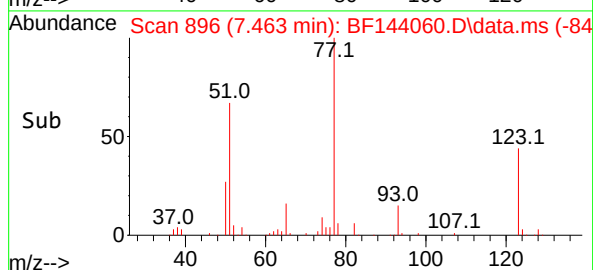
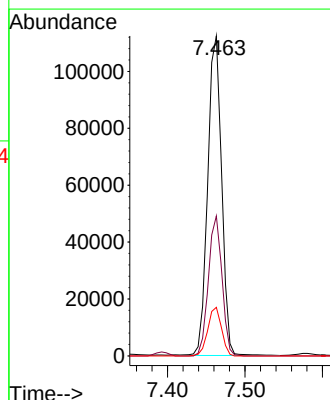
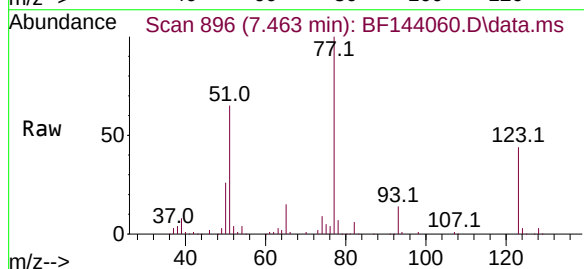
Tgt Ion: 77 Resp: 139675

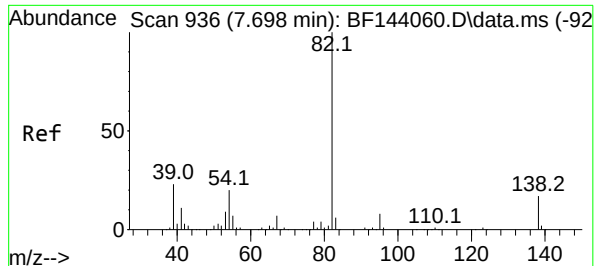
Ion Ratio Lower Upper

77 100

123 43.8 35.0 52.6

65 15.2 12.2 18.2





#25

Isophorone

Concen: 40.288 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

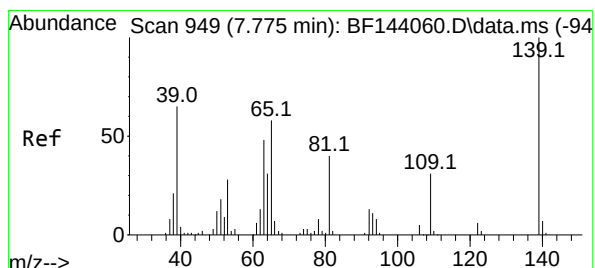
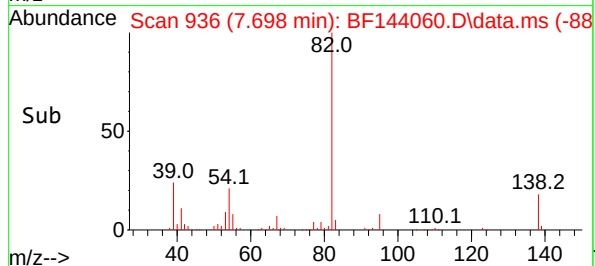
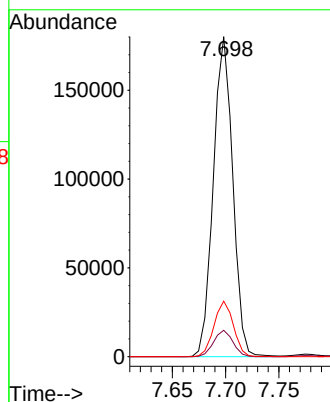
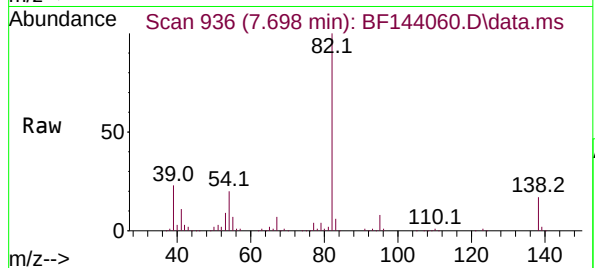
Tgt Ion: 82 Resp: 229089

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 41.591 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

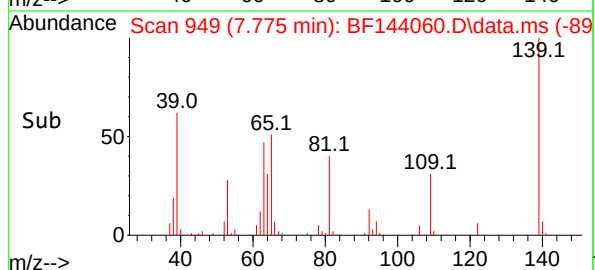
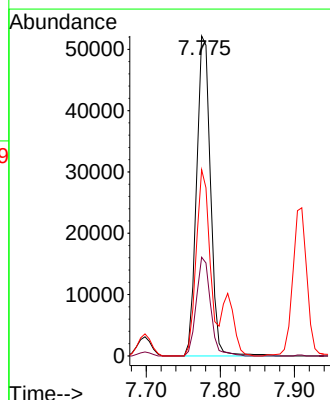
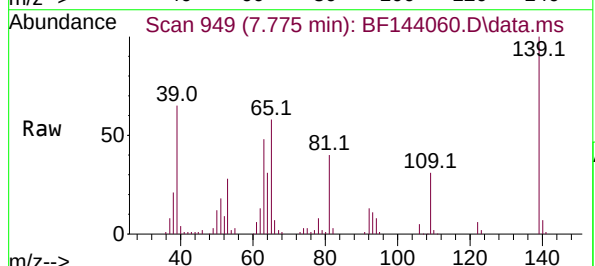
Tgt Ion: 139 Resp: 68074

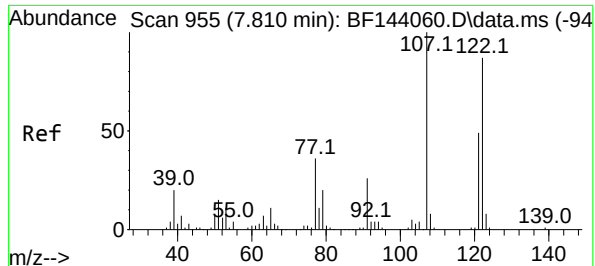
Ion Ratio Lower Upper

139 100

109 30.8 24.6 37.0

65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 42.049 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

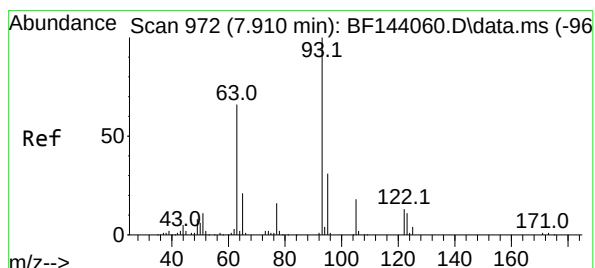
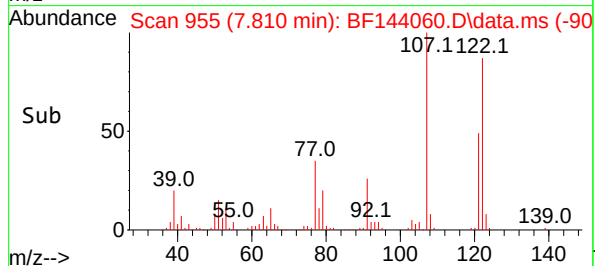
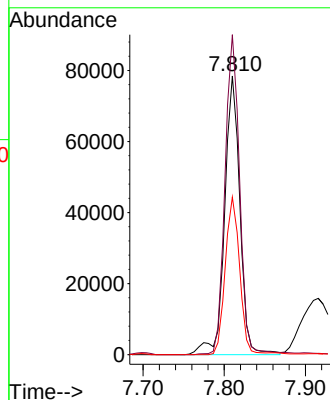
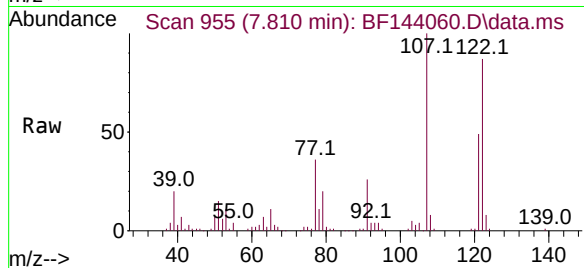
Tgt Ion:122 Resp: 102275

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

121 56.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

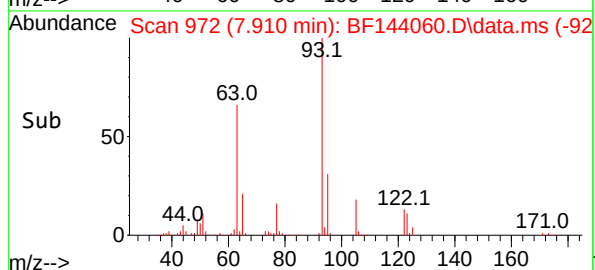
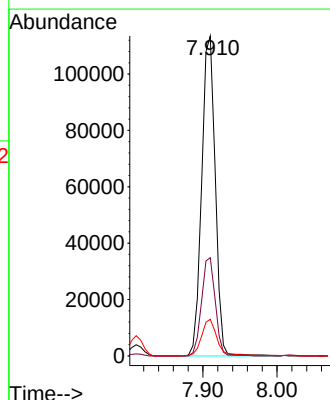
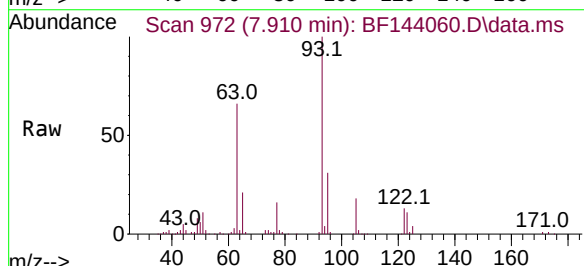
Tgt Ion: 93 Resp: 144080

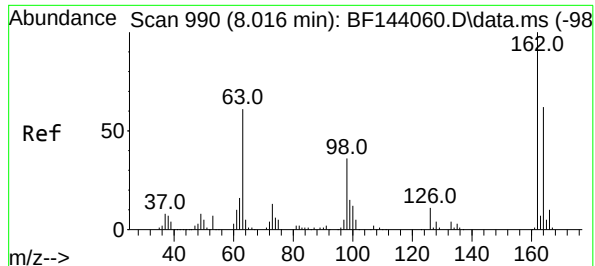
Ion Ratio Lower Upper

93 100

95 30.7 24.6 36.8

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.677 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

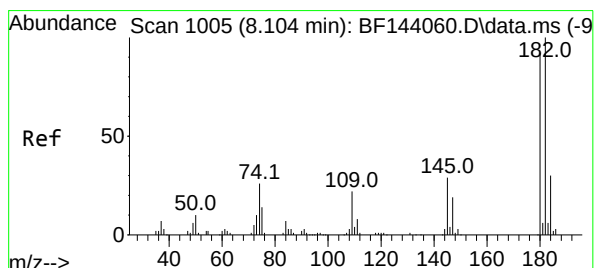
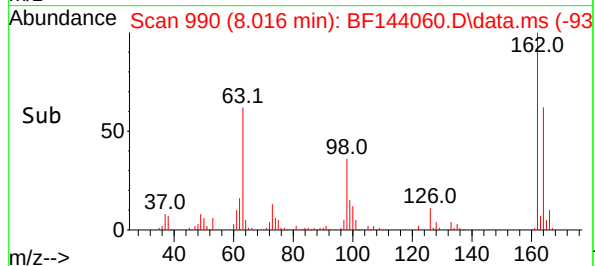
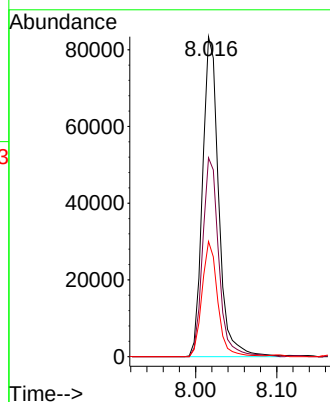
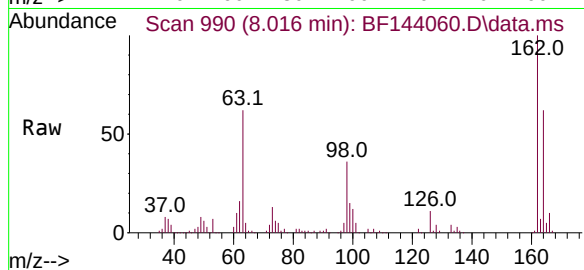
Tgt Ion:162 Resp: 115057

Ion Ratio Lower Upper

162 100

164 62.1 42.1 82.1

98 36.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 40.971 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

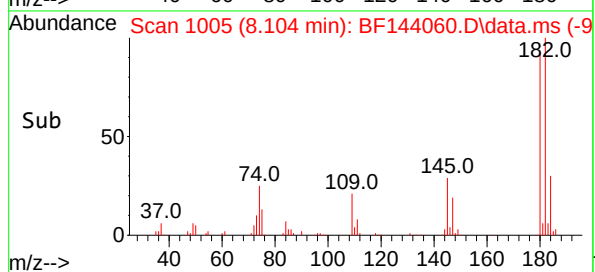
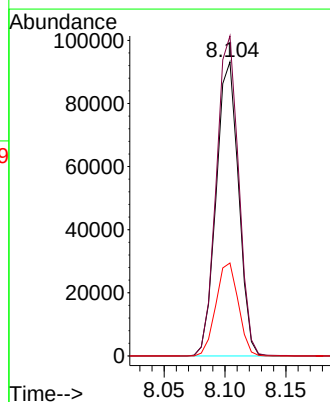
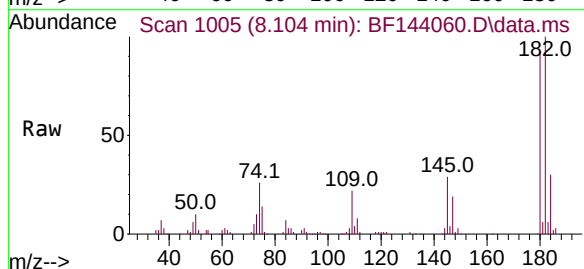
Tgt Ion:180 Resp: 119224

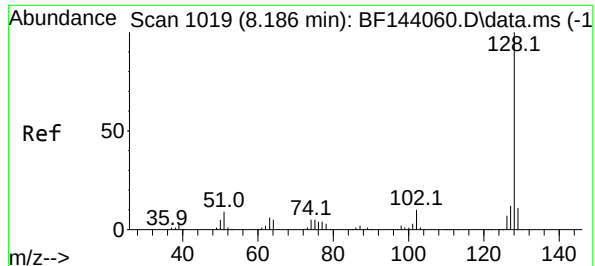
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 31.6 25.3 37.9





#31

Naphthalene

Concen: 40.910 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

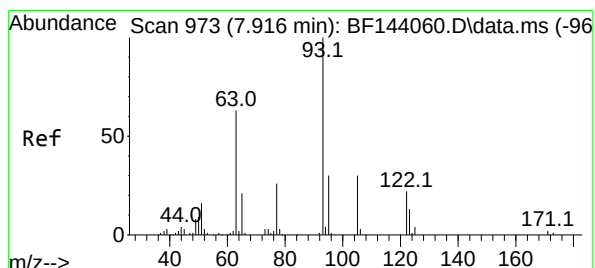
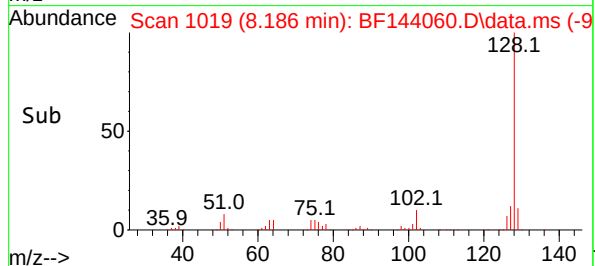
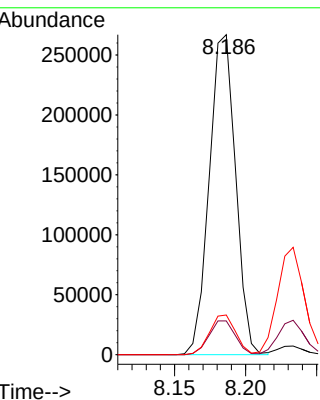
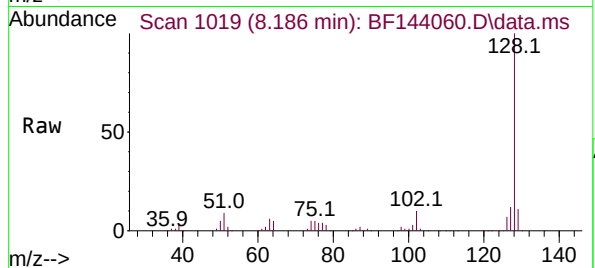
Tgt Ion:128 Resp: 344062

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

127 12.4 9.9 14.9



#32

Benzoic acid

Concen: 33.628 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

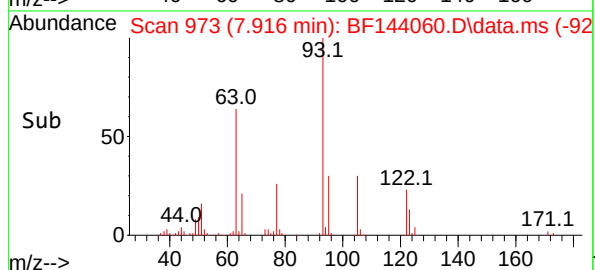
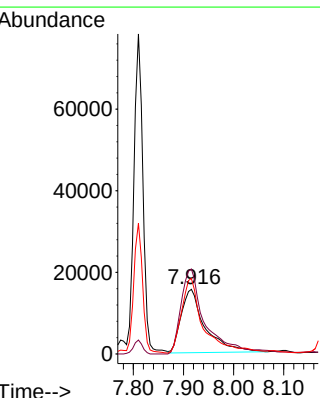
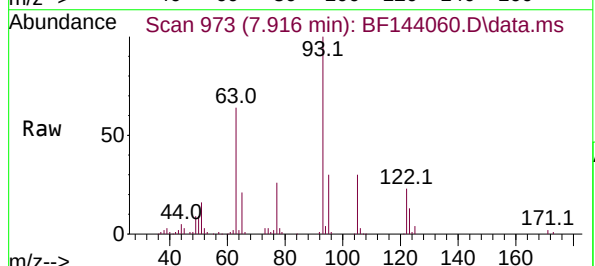
Tgt Ion:122 Resp: 51883

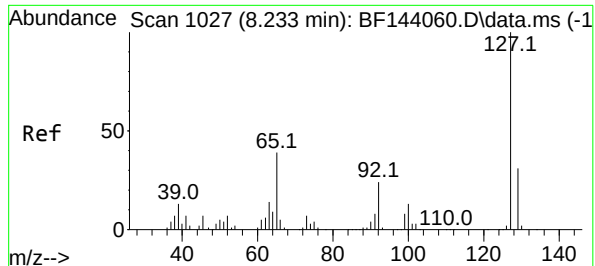
Ion Ratio Lower Upper

122 100

105 131.3 111.3 151.3

77 116.7 96.7 136.7

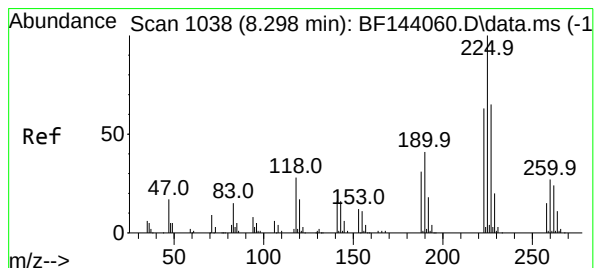
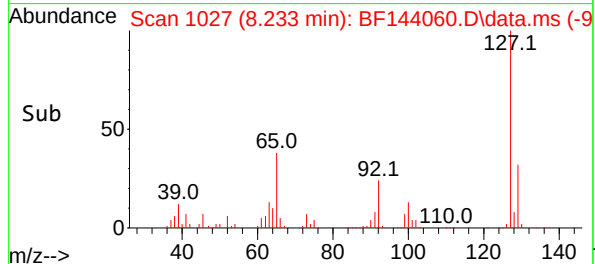
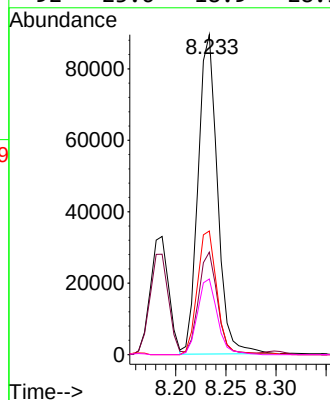
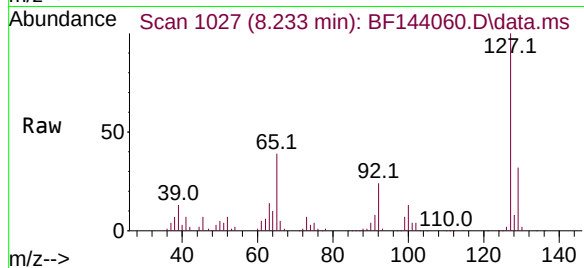




#33
4-Chloroaniline
Concen: 40.949 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

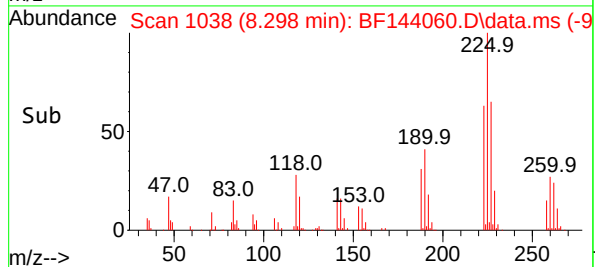
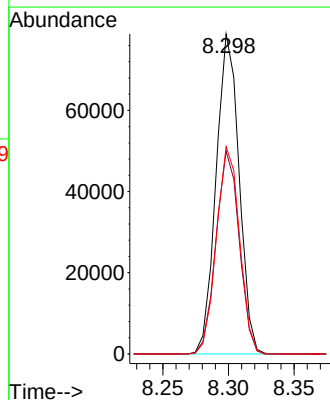
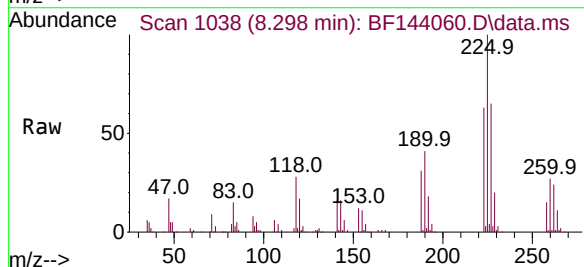
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

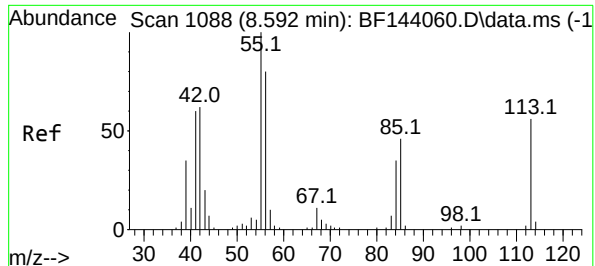
Tgt Ion:127	Resp: 119889
Ion Ratio	Lower Upper
127 100	
129 32.0	25.6 38.4
65 38.6	30.9 46.3
92 23.6	18.9 28.3



#34
Hexachlorobutadiene
Concen: 40.380 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:225	Resp: 96082
Ion Ratio	Lower Upper
225 100	
223 63.3	50.6 76.0
227 64.8	51.8 77.8





#35

Caprolactam

Concen: 42.585 ng

RT: 8.592 min Scan# 1088

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

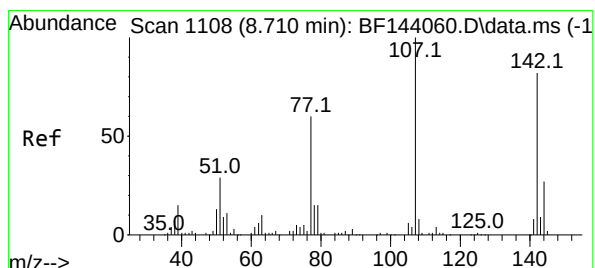
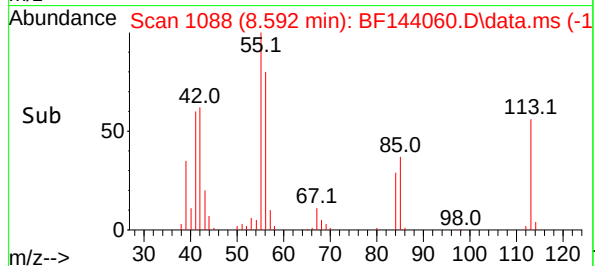
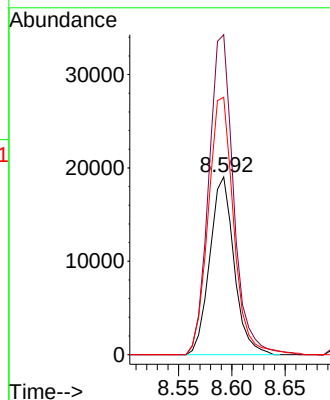
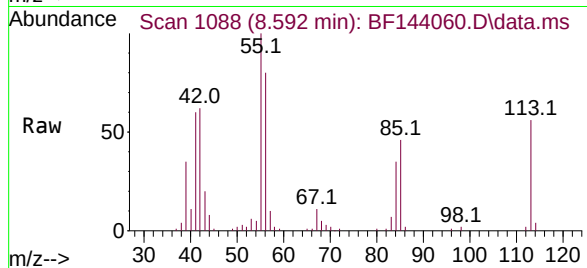
Tgt Ion:113 Resp: 30206

Ion Ratio Lower Upper

113 100

55 180.1 160.1 200.1

56 144.9 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 40.234 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

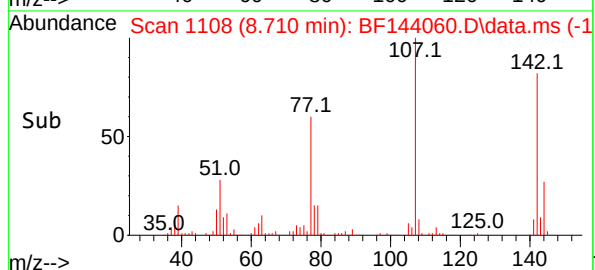
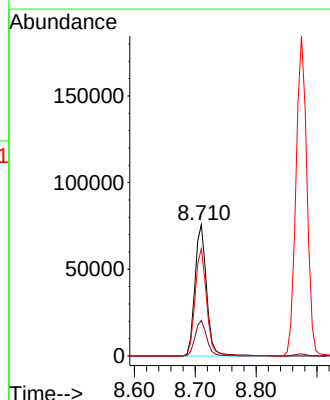
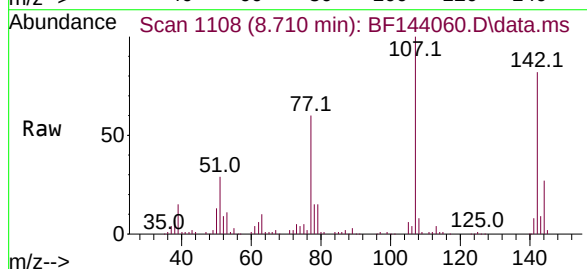
Tgt Ion:107 Resp: 100429

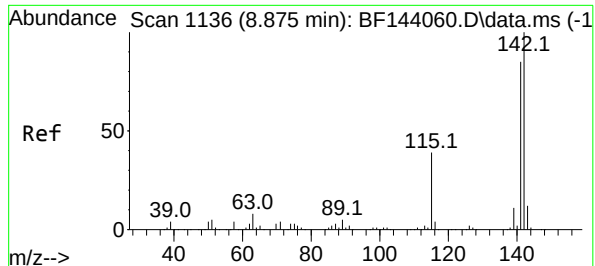
Ion Ratio Lower Upper

107 100

144 27.0 21.6 32.4

142 81.7 65.4 98.0





#37

2-Methylnaphthalene

Concen: 41.362 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

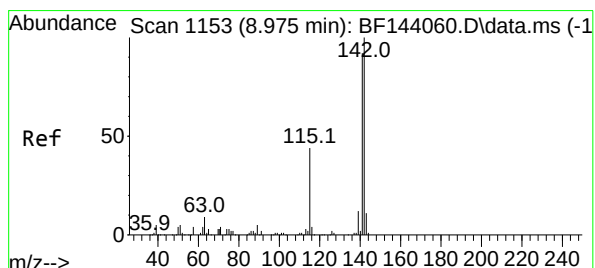
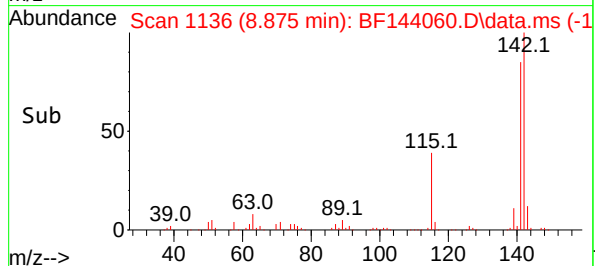
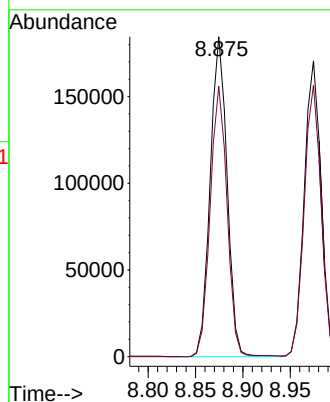
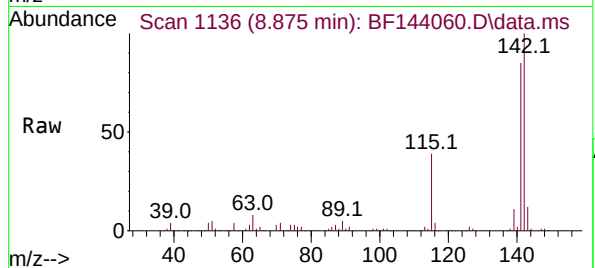
SSTDICCC040

Tgt Ion:142 Resp: 229345

Ion Ratio Lower Upper

142 100

141 84.5 67.6 101.4



#38

1-Methylnaphthalene

Concen: 40.062 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144060.D

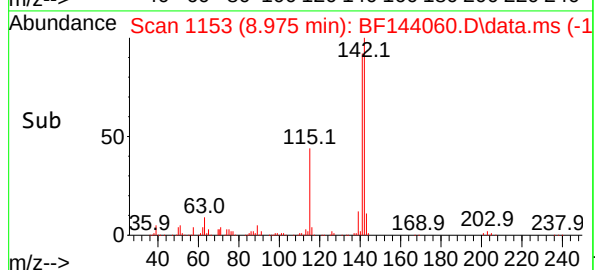
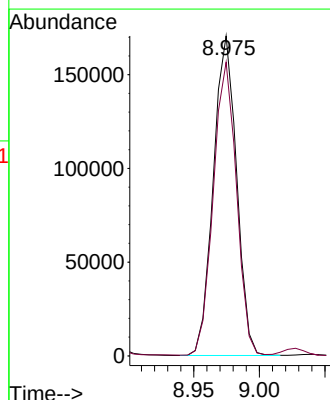
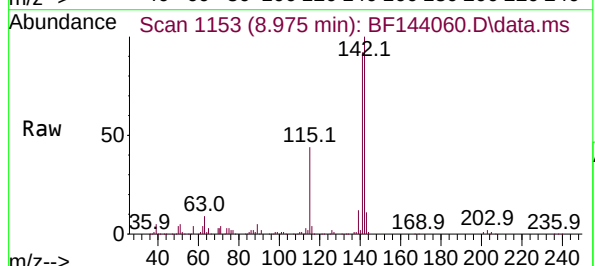
Acq: 24 Oct 2025 13:05

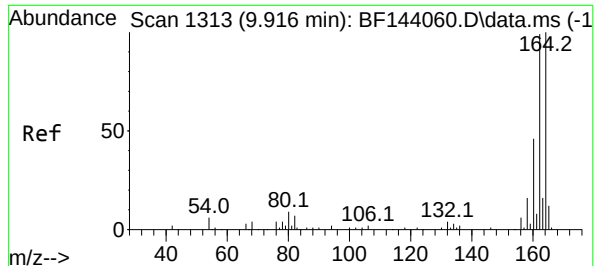
Tgt Ion:142 Resp: 210460

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

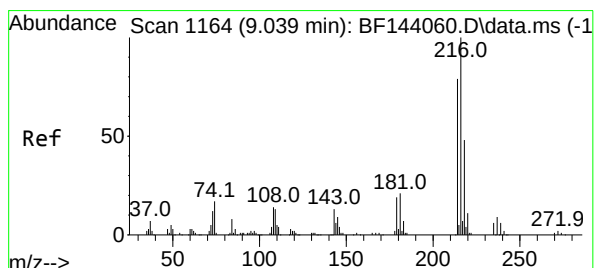
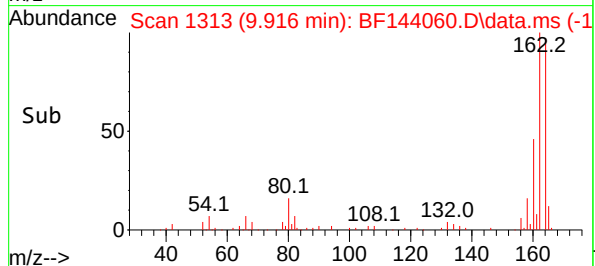
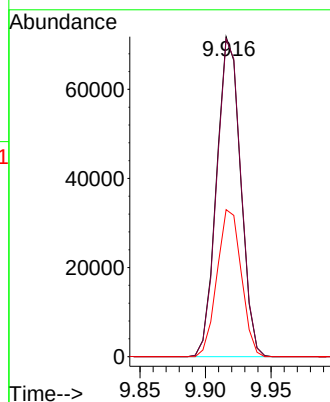
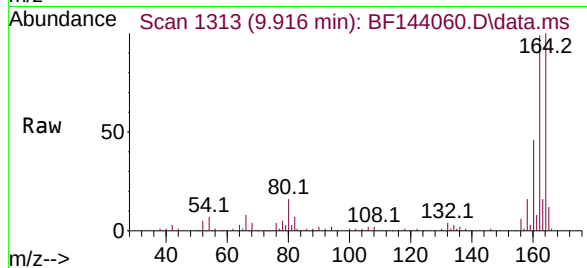
Tgt Ion:164 Resp: 91554

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.130 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:216 Resp: 129417

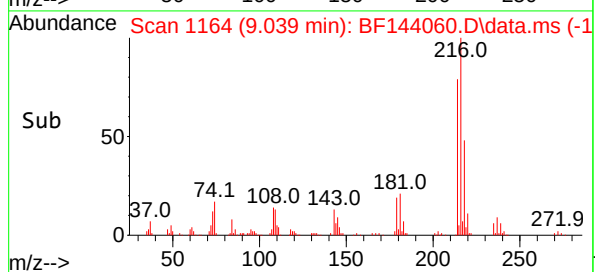
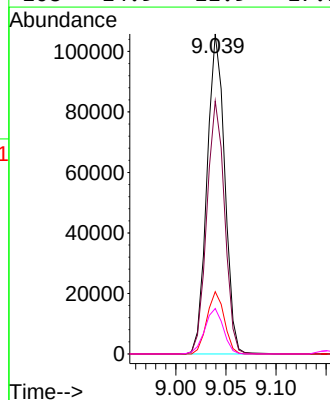
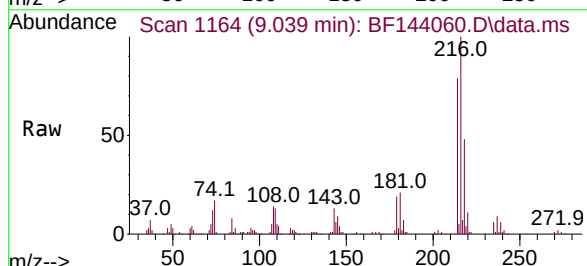
Ion Ratio Lower Upper

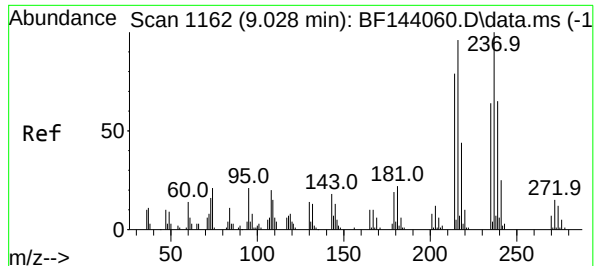
216 100

214 79.0 63.2 94.8

179 19.0 15.2 22.8

108 14.9 11.9 17.9

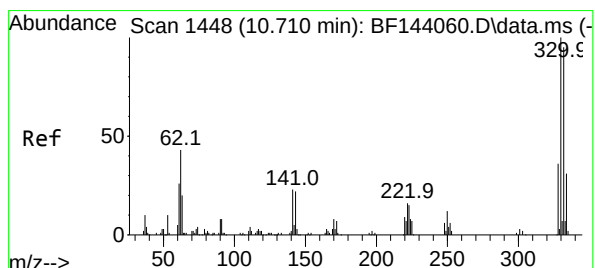
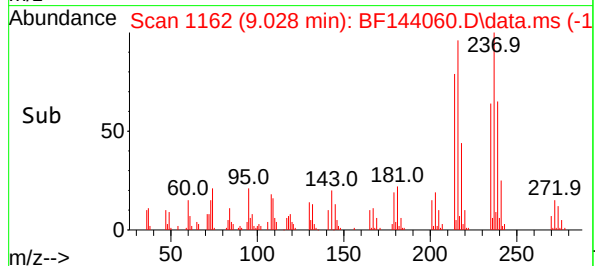
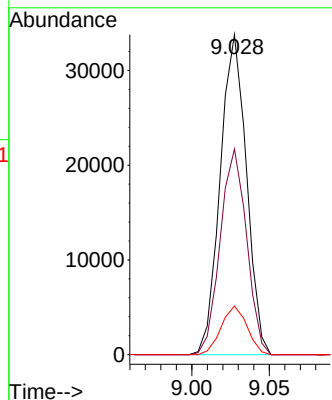
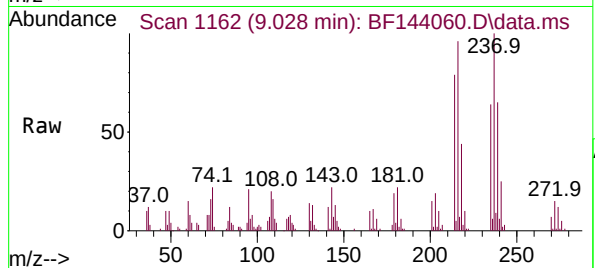




#41
Hexachlorocyclopentadiene
Concen: 41.012 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

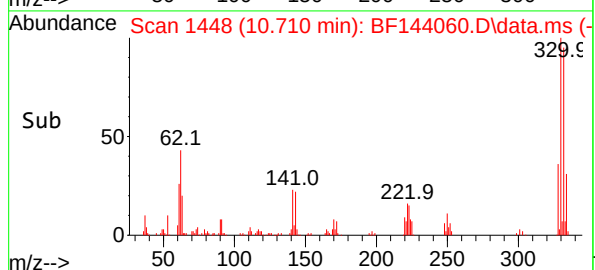
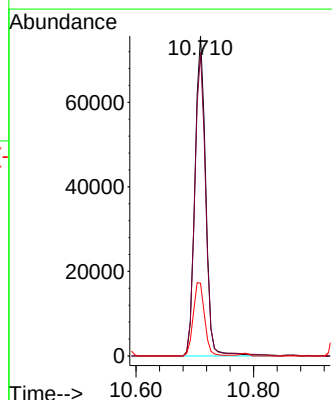
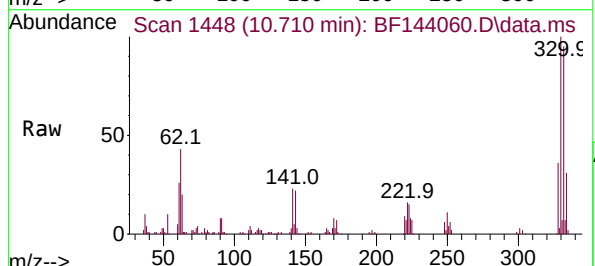
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

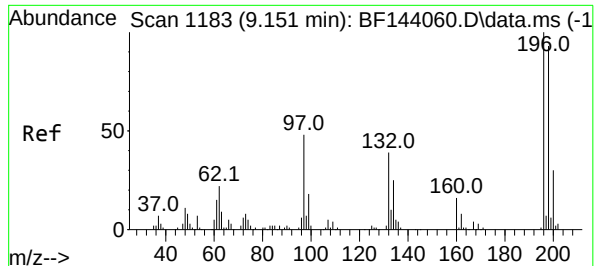
Tgt Ion:	237	Resp:	39857
Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.3	84.3
272	15.2	0.0	35.2



#42
2,4,6-Tribromophenol
Concen: 82.238 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	330	Resp:	95908
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.2	19.4	29.0





#43

2,4,6-Trichlorophenol

Concen: 42.346 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

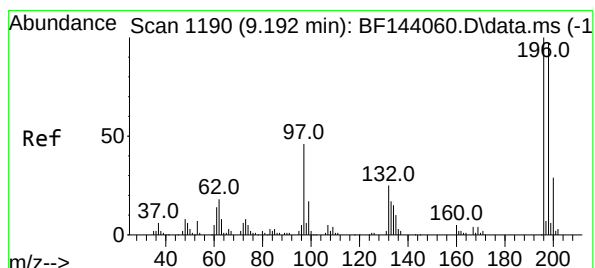
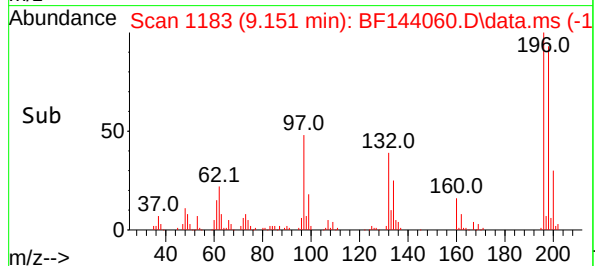
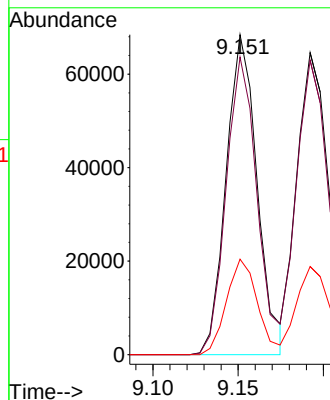
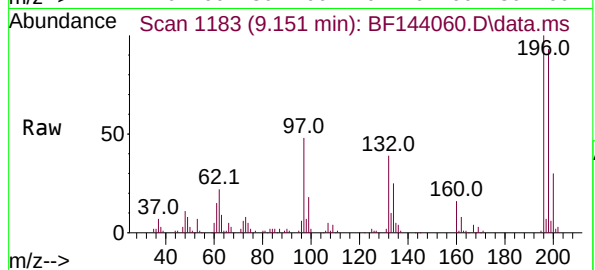
Tgt Ion:196 Resp: 86607

Ion Ratio Lower Upper

196 100

198 93.0 74.4 111.6

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 39.842 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:196 Resp: 85520

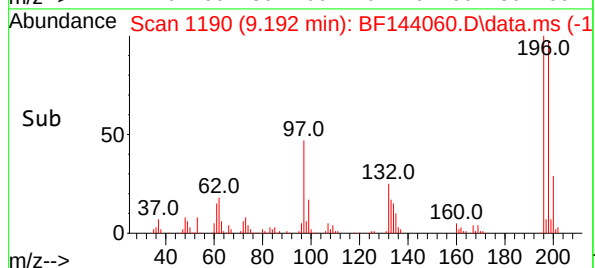
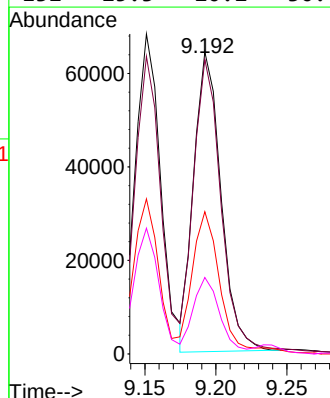
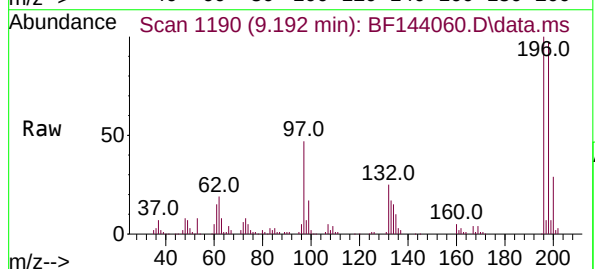
Ion Ratio Lower Upper

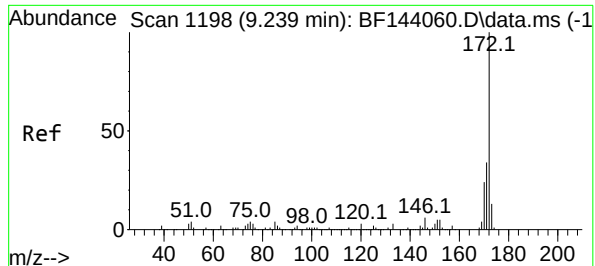
196 100

198 97.5 78.0 117.0

97 47.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 81.692 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

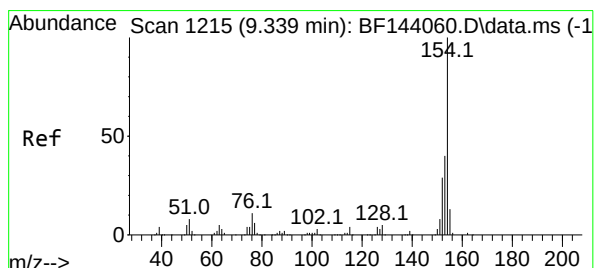
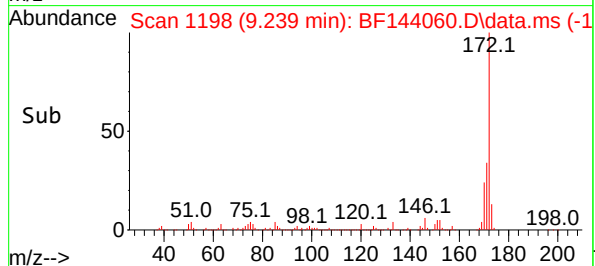
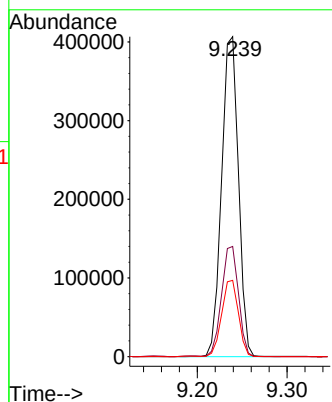
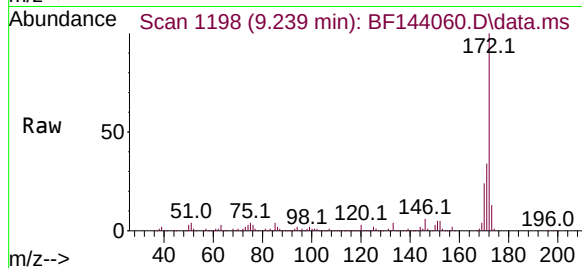
Tgt Ion:172 Resp: 531491

Ion Ratio Lower Upper

172 100

171 34.4 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.129 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

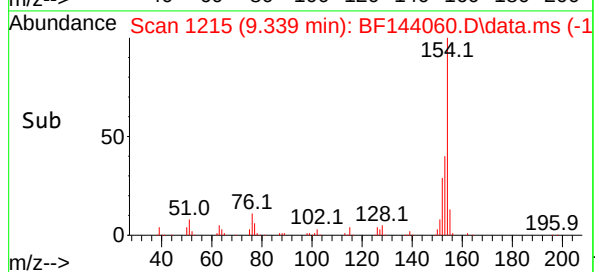
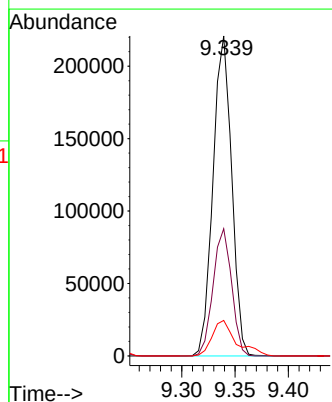
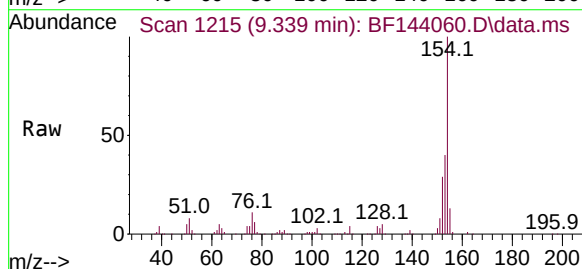
Tgt Ion:154 Resp: 269550

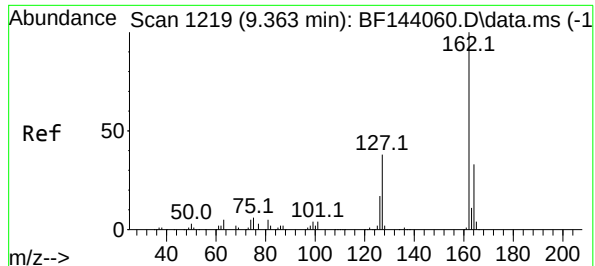
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.753 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

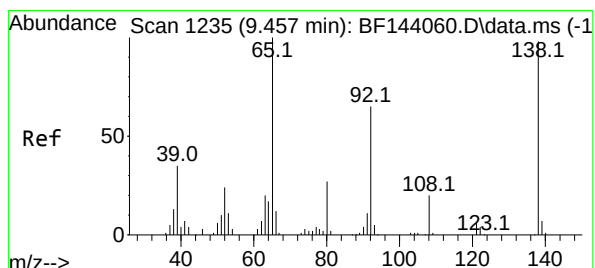
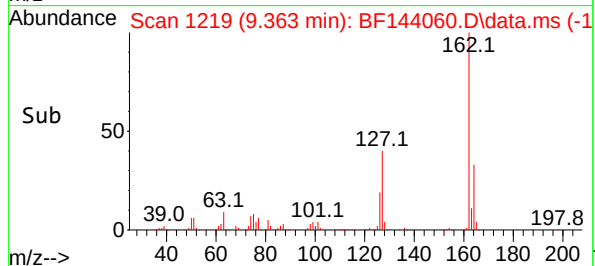
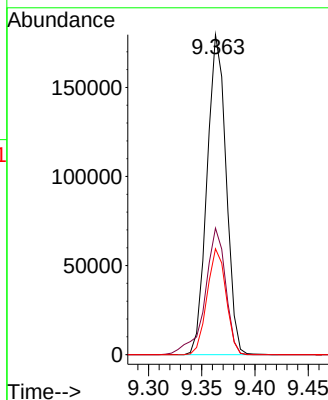
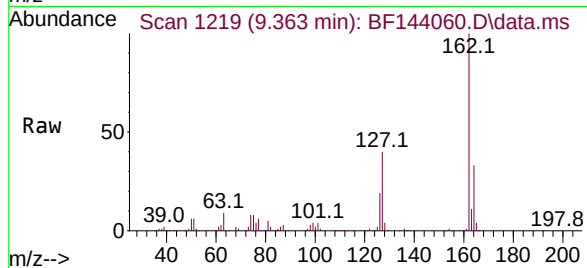
Tgt Ion:162 Resp: 223762

Ion Ratio Lower Upper

162 100

127 39.5 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 42.711 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

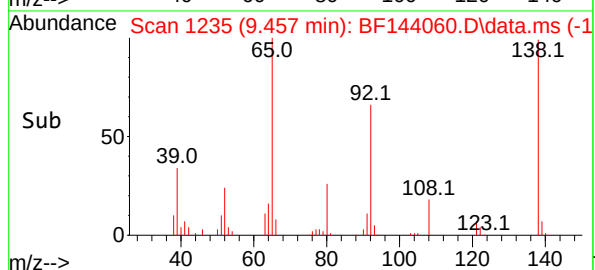
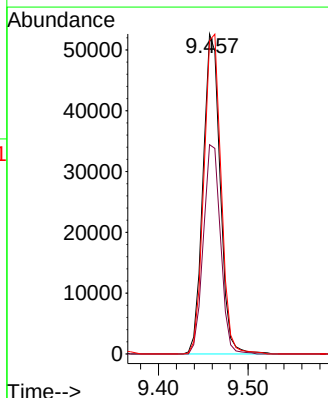
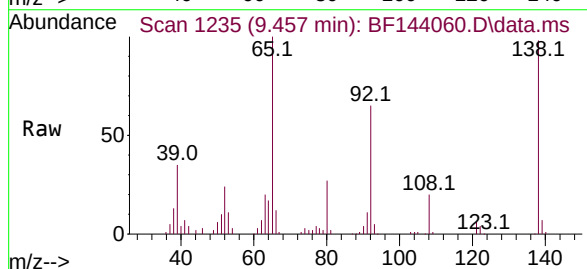
Tgt Ion: 65 Resp: 69638

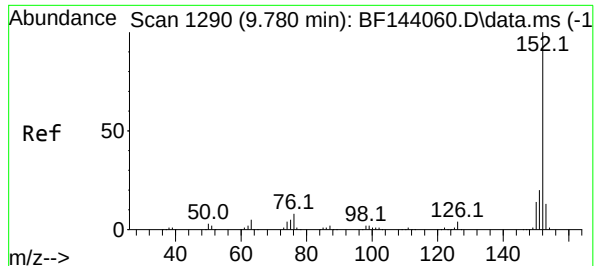
Ion Ratio Lower Upper

65 100

92 65.4 52.3 78.5

138 97.9 78.3 117.5





#49

Acenaphthylene

Concen: 42.112 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

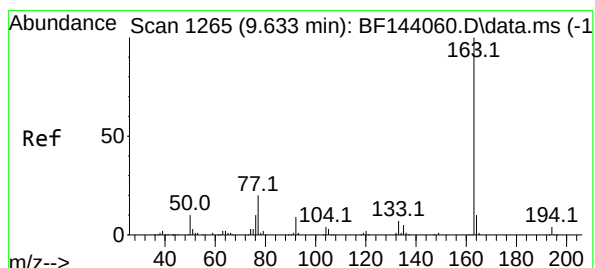
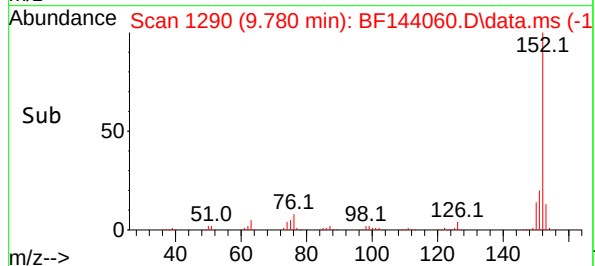
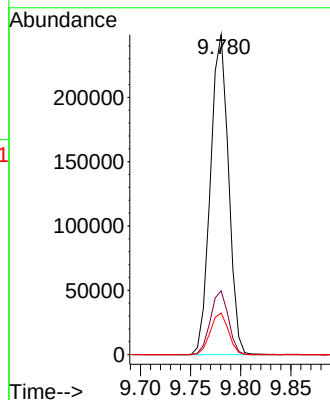
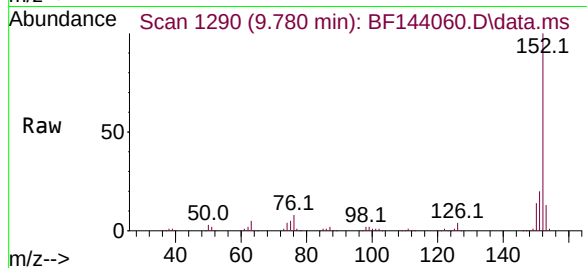
Tgt Ion:152 Resp: 311770

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.666 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

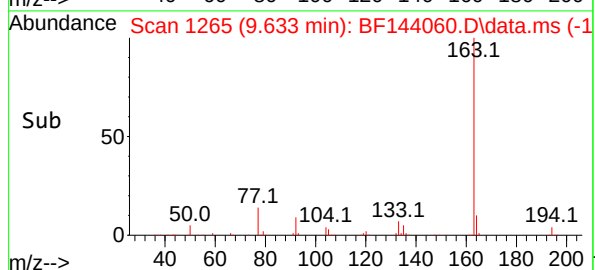
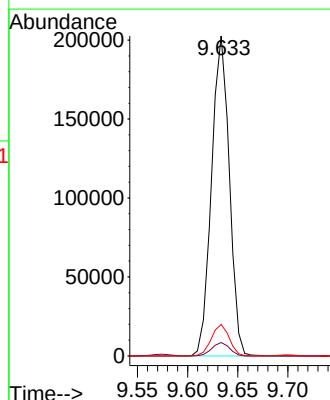
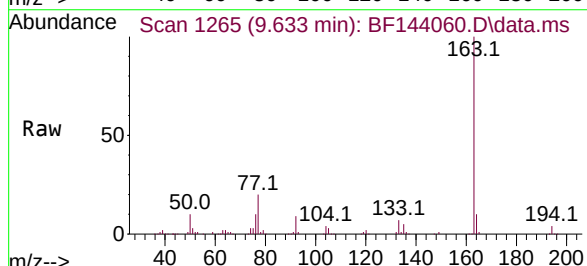
Tgt Ion:163 Resp: 250045

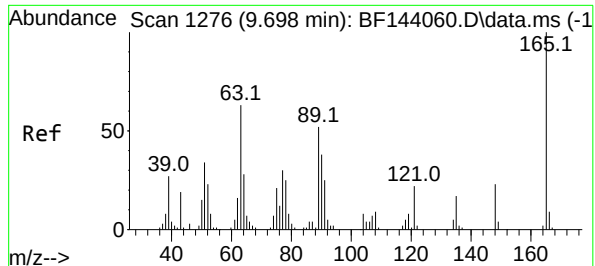
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 42.535 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

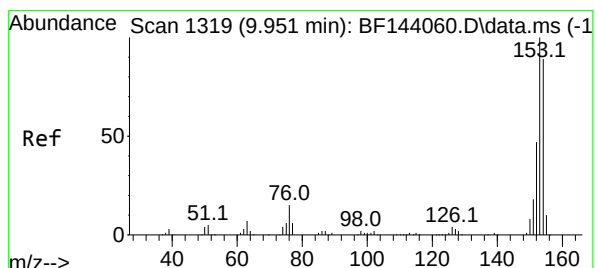
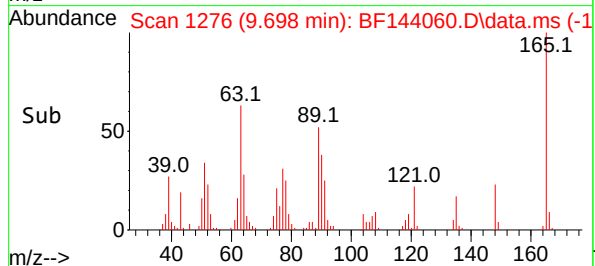
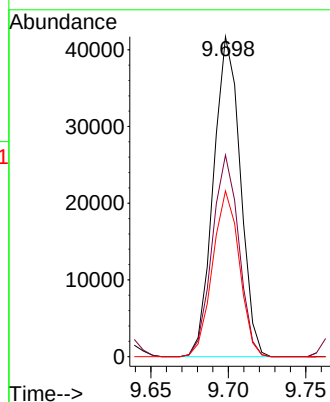
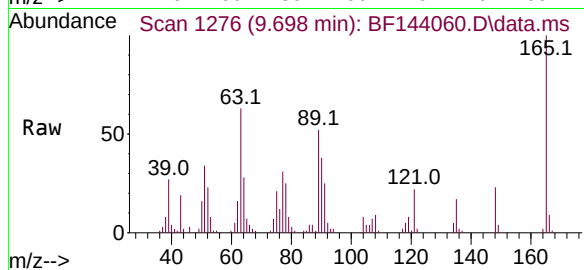
Tgt Ion:165 Resp: 50463

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.8 41.4 62.2



#52

Acenaphthene

Concen: 41.240 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

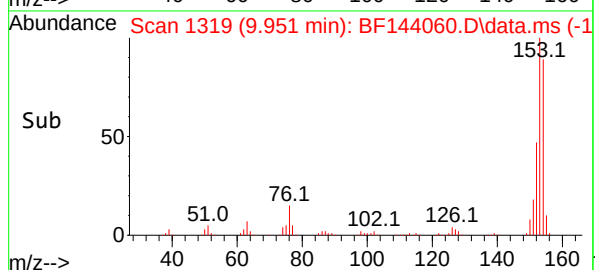
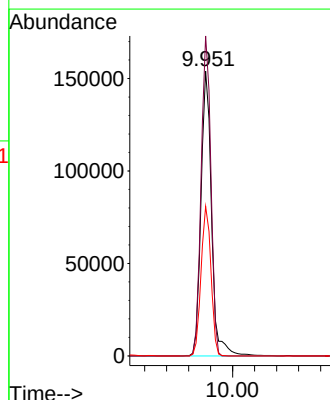
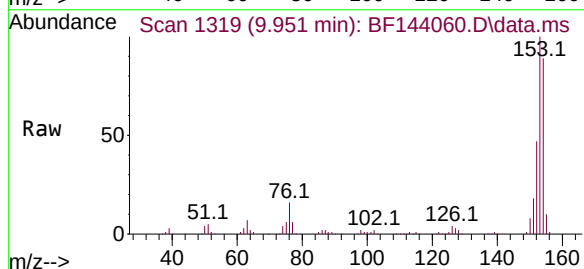
Tgt Ion:154 Resp: 203905

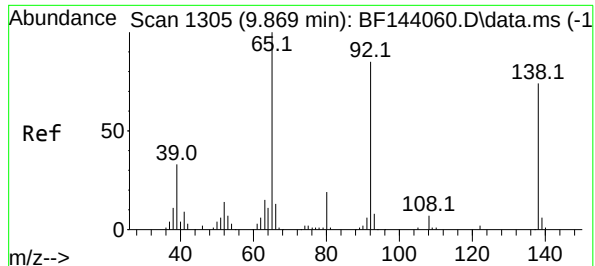
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 52.5 42.0 63.0





#53

3-Nitroaniline

Concen: 44.713 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

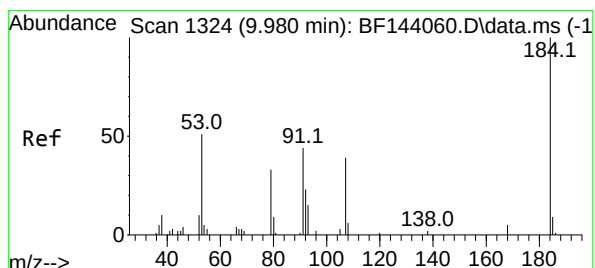
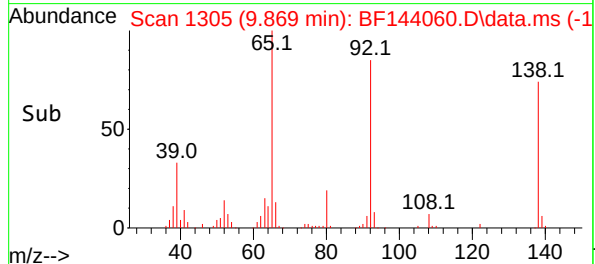
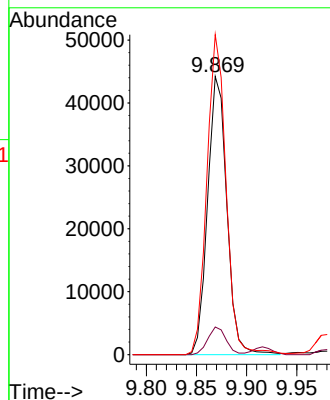
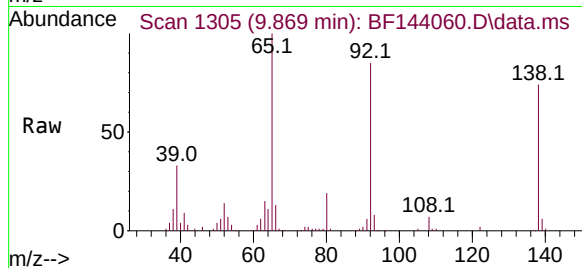
Tgt Ion:138 Resp: 58978

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

92 115.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 35.283 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

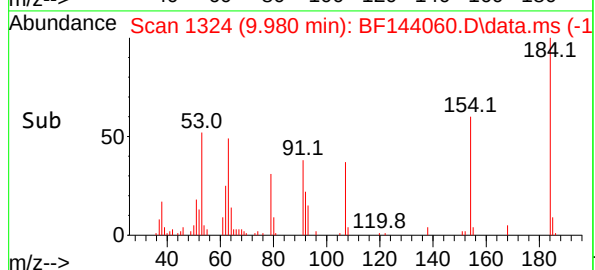
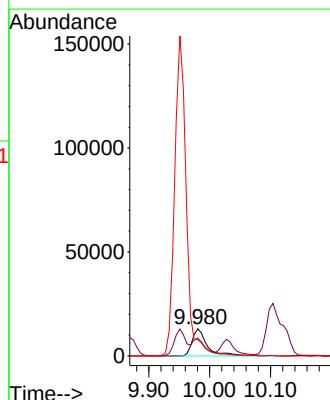
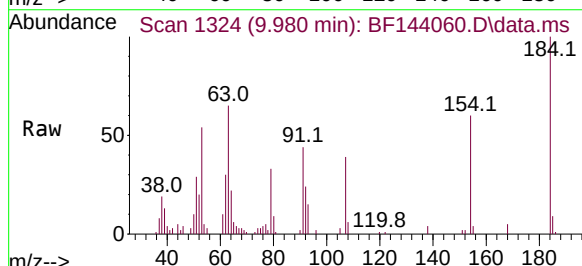
Tgt Ion:184 Resp: 22640

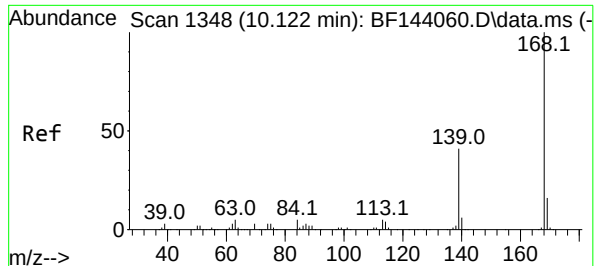
Ion Ratio Lower Upper

184 100

63 65.1 52.1 78.1

154 59.9 47.9 71.9





#55

Dibenzofuran

Concen: 41.592 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

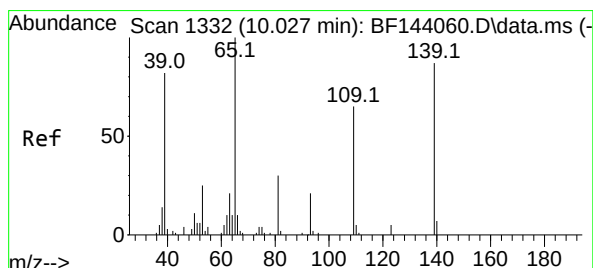
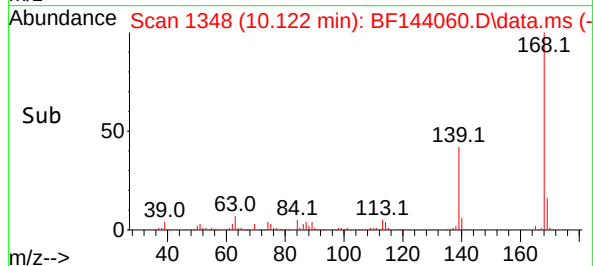
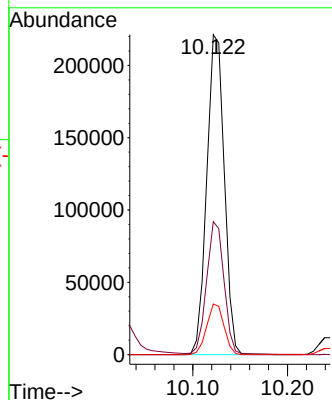
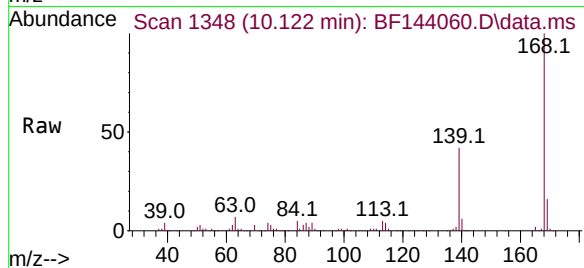
Tgt Ion:168 Resp: 285490

Ion Ratio Lower Upper

168 100

139 41.5 33.2 49.8

169 15.8 12.6 19.0



#56

4-Nitrophenol

Concen: 38.279 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

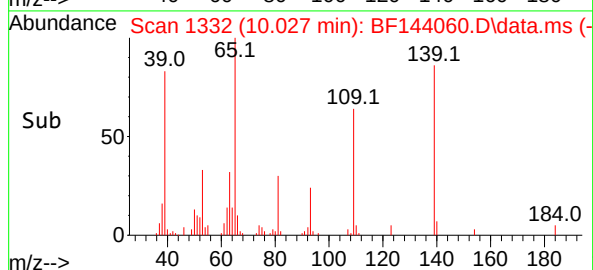
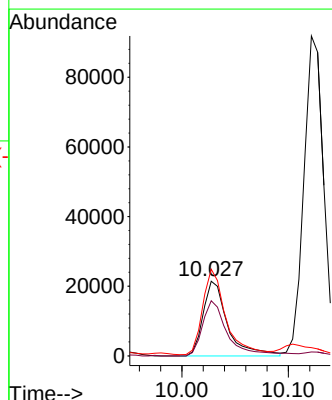
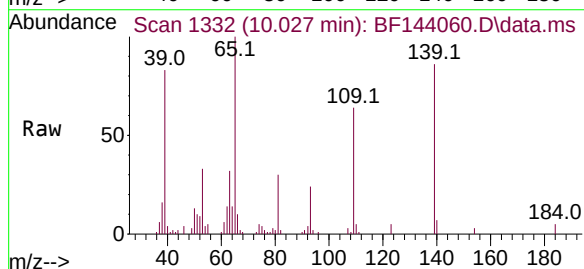
Tgt Ion:139 Resp: 34191

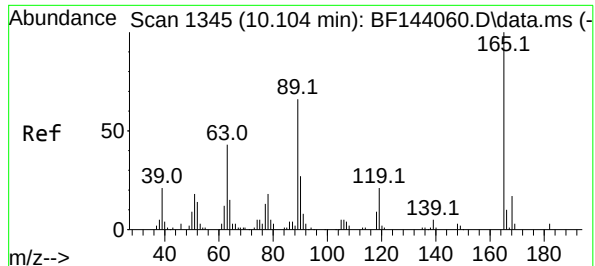
Ion Ratio Lower Upper

139 100

109 73.8 53.8 93.8

65 115.9 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 44.075 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 70572

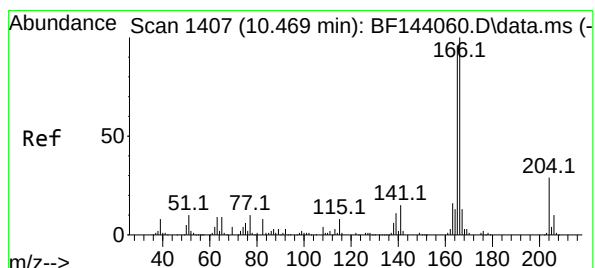
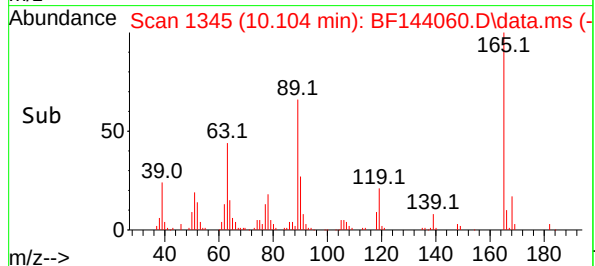
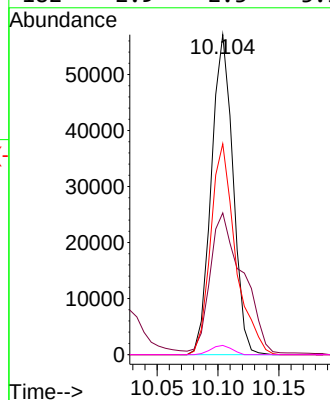
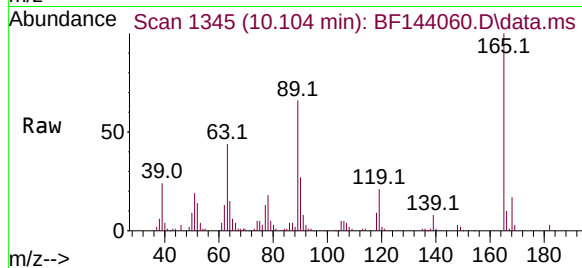
Ion Ratio Lower Upper

165 100

63 44.3 35.4 53.2

89 65.9 52.7 79.1

182 2.9 2.3 3.5



#58

Fluorene

Concen: 41.604 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

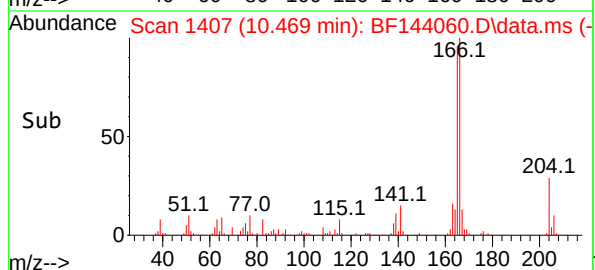
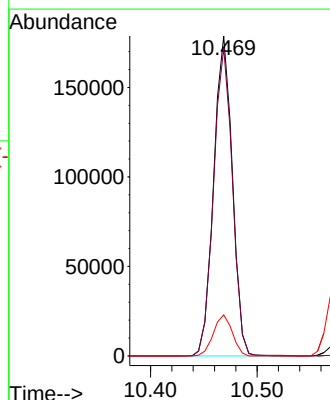
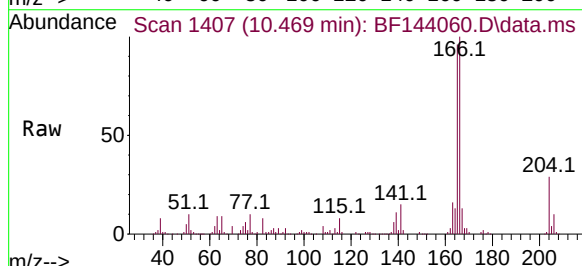
Tgt Ion:166 Resp: 217594

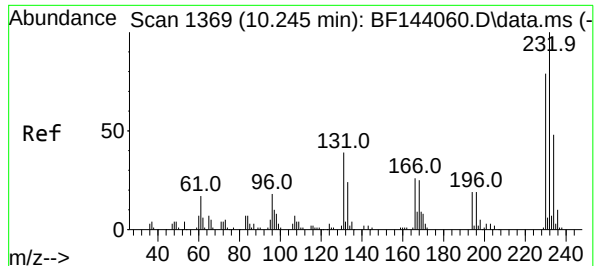
Ion Ratio Lower Upper

166 100

165 96.2 77.0 115.4

167 12.8 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.585 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 65926

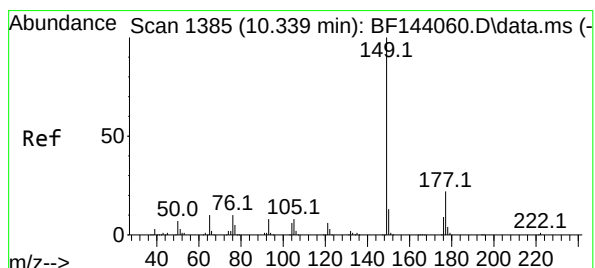
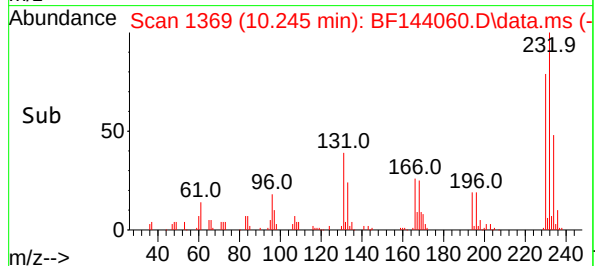
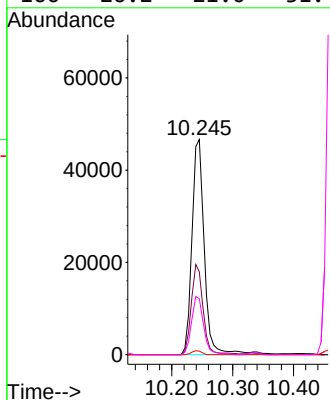
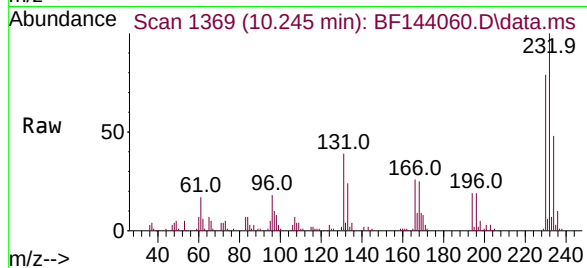
Ion Ratio Lower Upper

232 100

131 39.9 31.9 47.9

130 1.4 1.1 1.7

166 26.2 21.0 31.4



#60

Diethylphthalate

Concen: 41.838 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

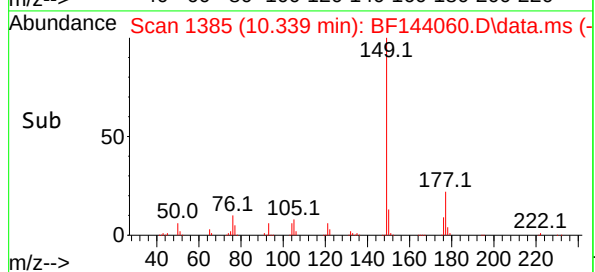
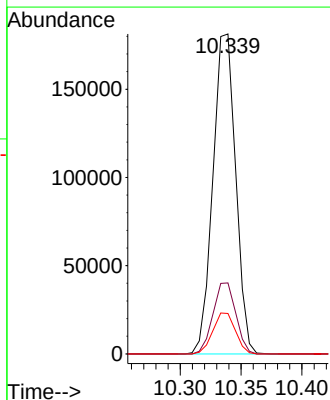
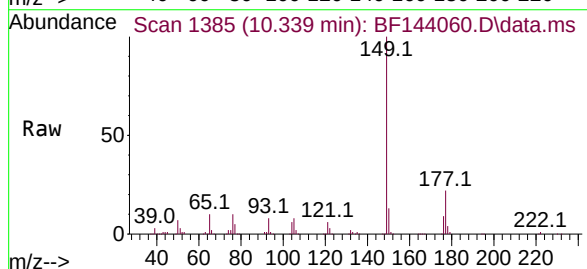
Tgt Ion:149 Resp: 236119

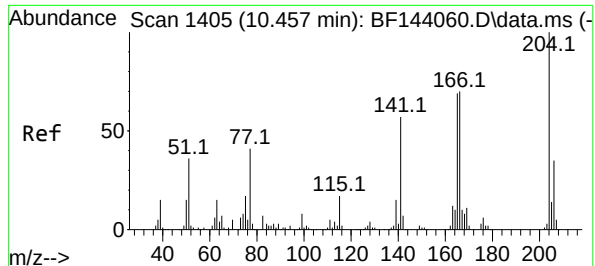
Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.6

150 12.6 10.1 15.1

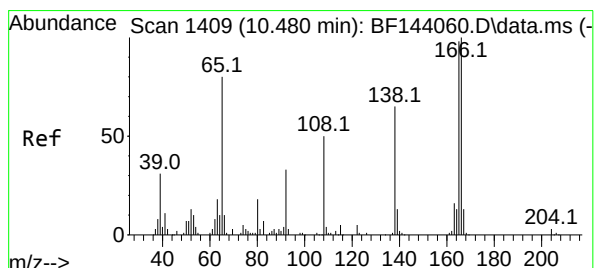
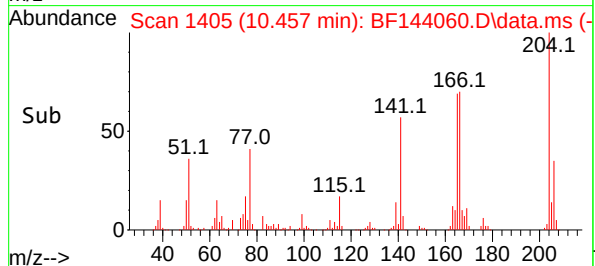
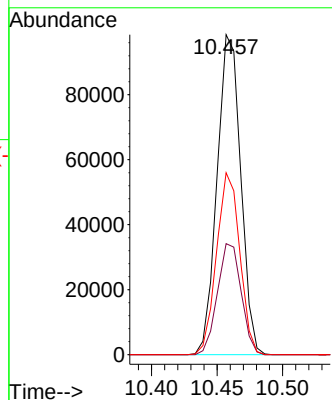
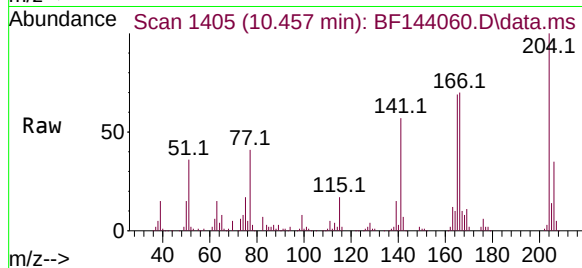




#61
4-Chlorophenyl-phenylether
Concen: 42.022 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

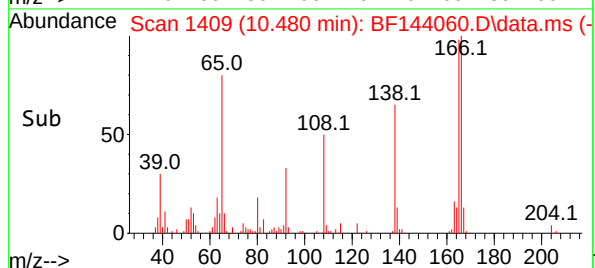
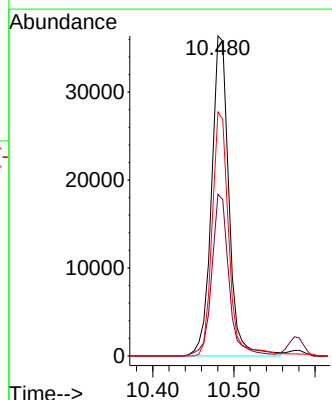
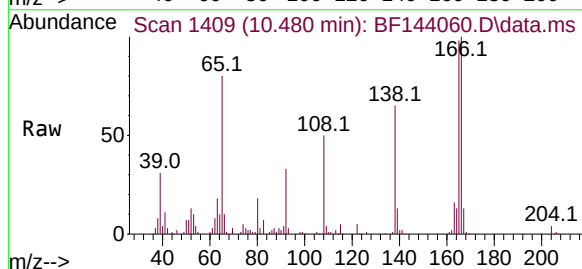
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

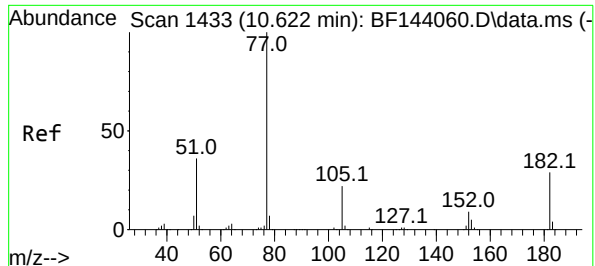
Tgt Ion:204 Resp: 123596
Ion Ratio Lower Upper
204 100
206 34.7 27.8 41.6
141 56.8 45.4 68.2



#62
4-Nitroaniline
Concen: 43.392 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:138 Resp: 54231
Ion Ratio Lower Upper
138 100
92 50.5 30.5 70.5
108 76.2 56.2 96.2

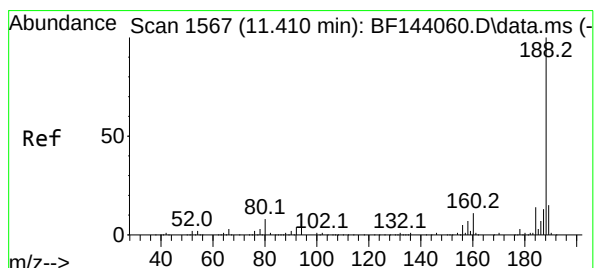
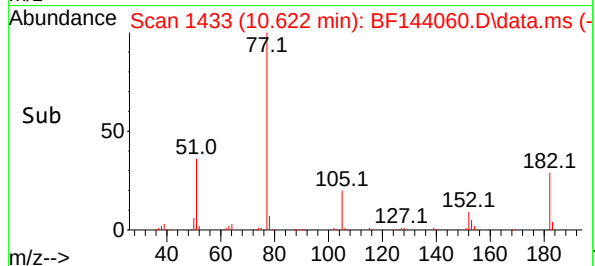
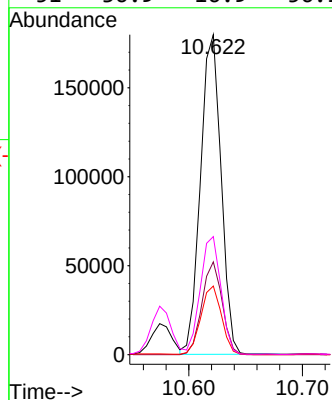
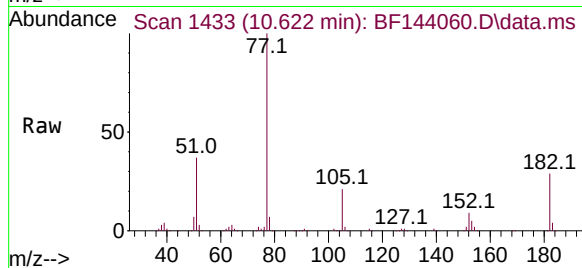




#63
Azobenzene
Concen: 42.381 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

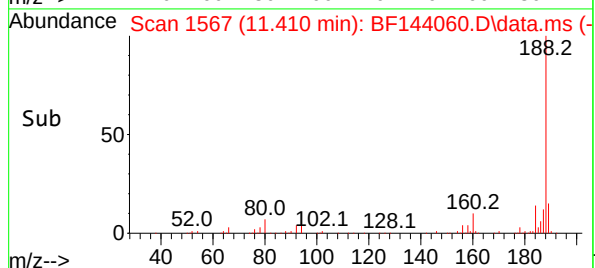
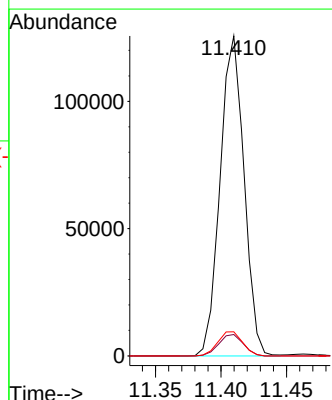
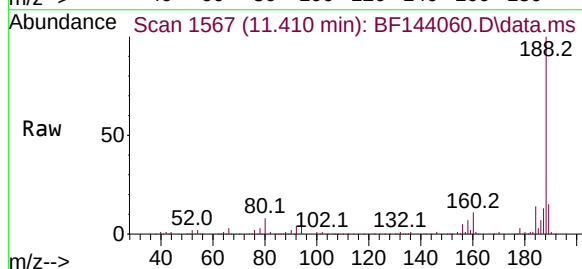
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

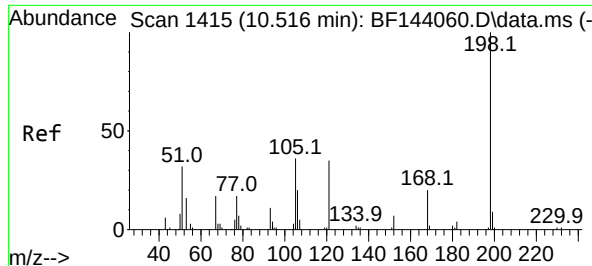
Tgt Ion: 77	Resp: 226383
Ion Ratio	Lower Upper
77	100
182	29.0 9.0 49.0
105	21.4 1.4 41.4
51	36.9 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 188	Resp: 159613
Ion Ratio	Lower Upper
188	100
94	6.7 5.4 8.0
80	7.5 6.0 9.0

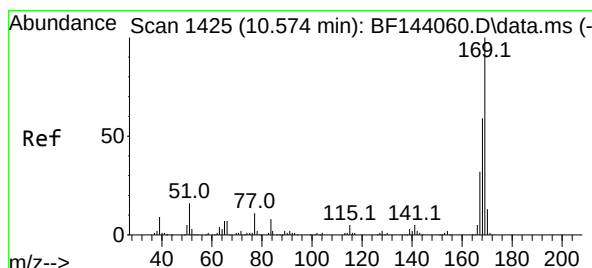
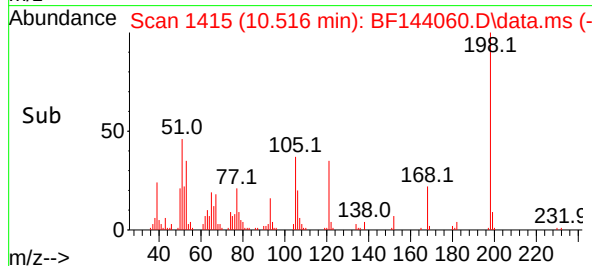
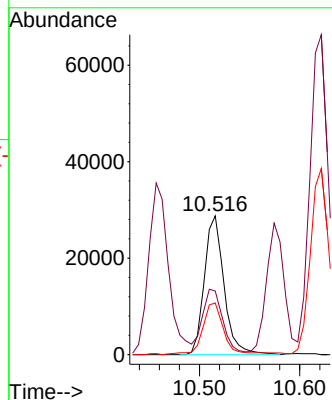
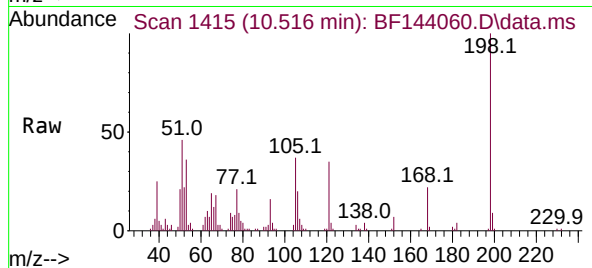




#65
4,6-Dinitro-2-methylphenol
Concen: 38.223 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

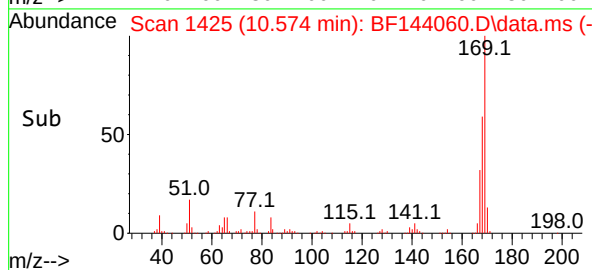
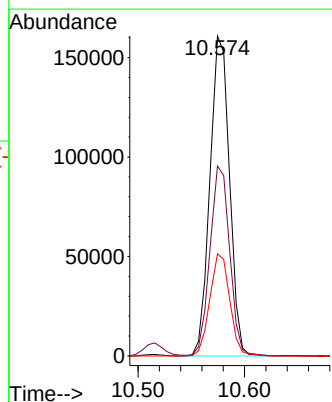
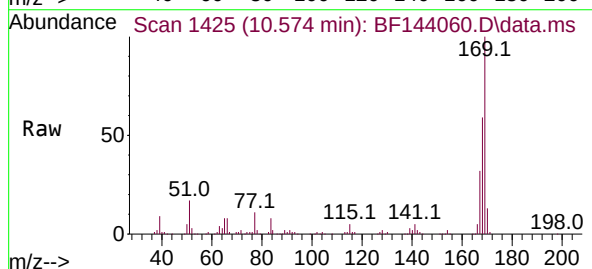
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

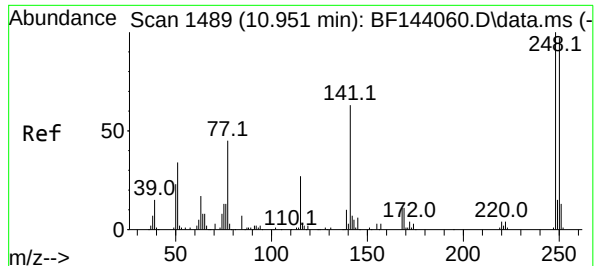
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	25.8	65.8
105	37.2	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 40.226 ng
RT: 10.574 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.3	47.4	71.2
167	31.9	25.5	38.3

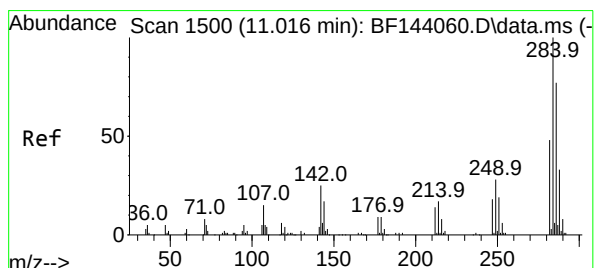
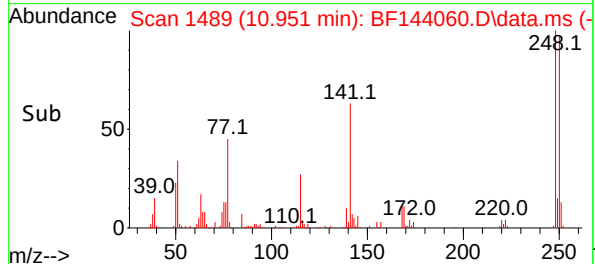
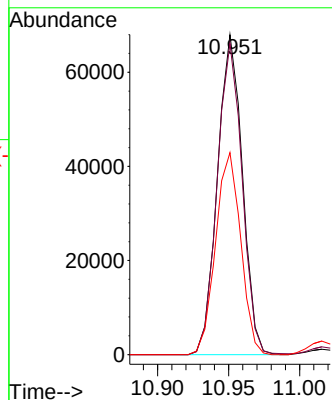
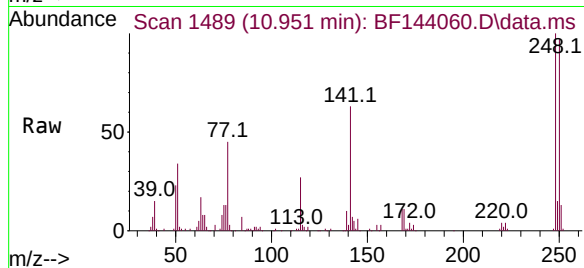




#67
4-Bromophenyl-phenylether
Concen: 41.585 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

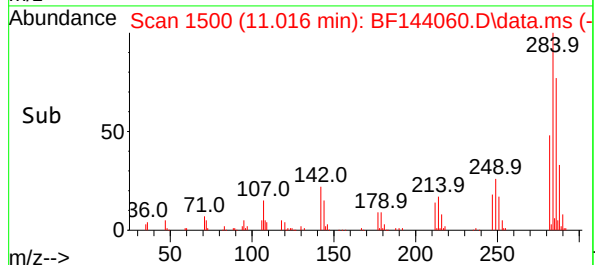
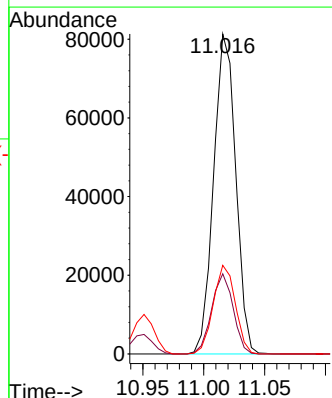
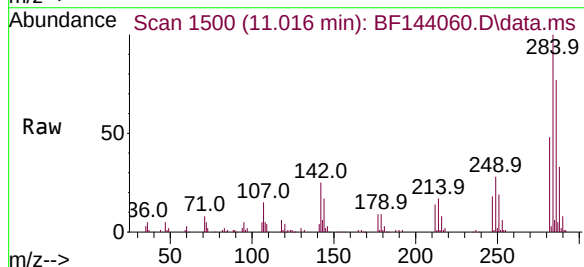
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

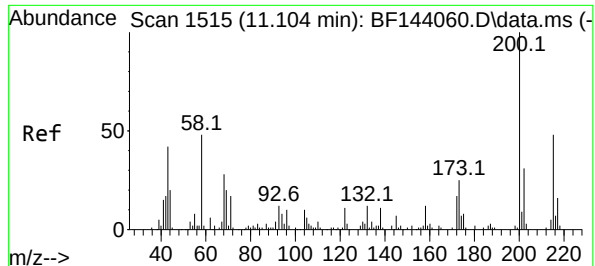
Tgt Ion:	248	Resp:	83105
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.8	116.6
141	63.1	50.5	75.7



#68
Hexachlorobenzene
Concen: 41.869 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	284	Resp:	102619
Ion Ratio	Lower	Upper	
284	100		
142	25.0	20.0	30.0
249	27.7	22.2	33.2





#69

Atrazine

Concen: 39.753 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

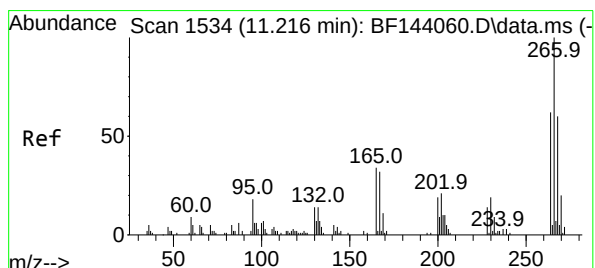
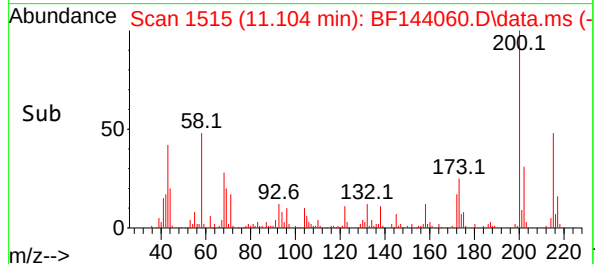
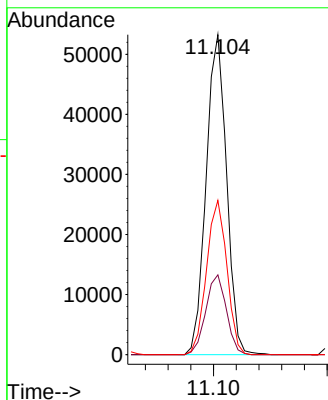
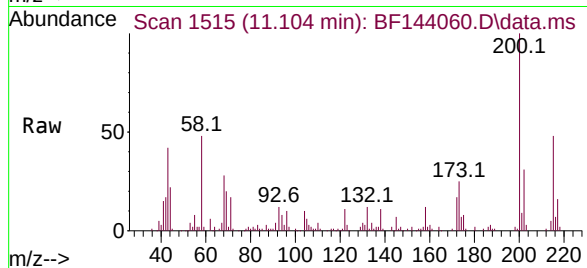
Tgt Ion:200 Resp: 66524

Ion Ratio Lower Upper

200 100

173 24.9 4.9 44.9

215 48.2 28.2 68.2



#70

Pentachlorophenol

Concen: 40.953 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

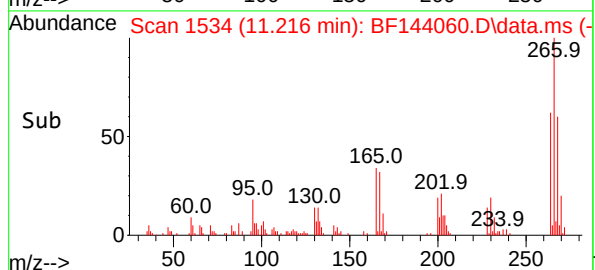
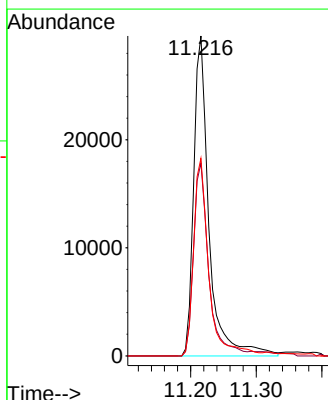
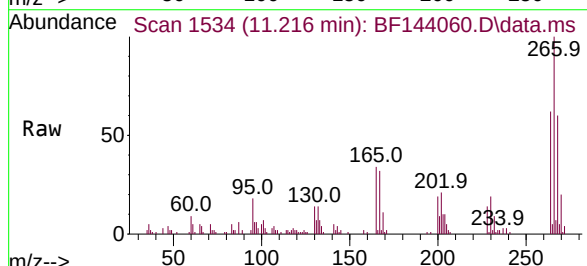
Tgt Ion:266 Resp: 47778

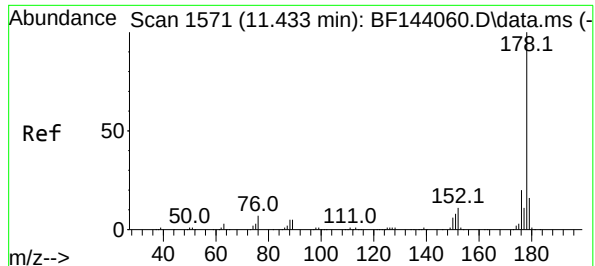
Ion Ratio Lower Upper

266 100

268 60.3 48.2 72.4

264 61.7 49.4 74.0





#71

Phenanthrene

Concen: 40.961 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

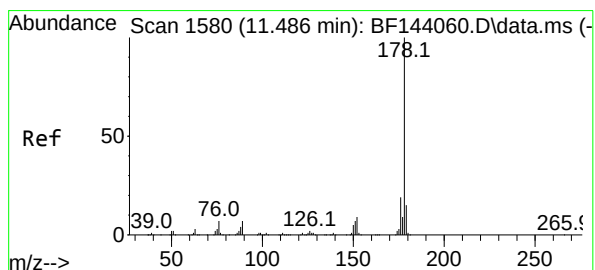
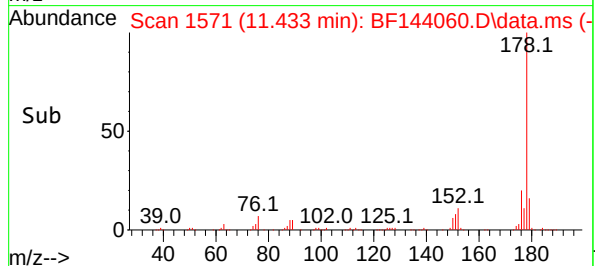
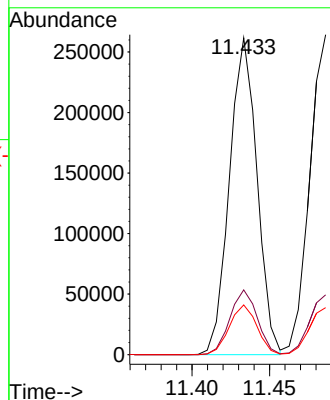
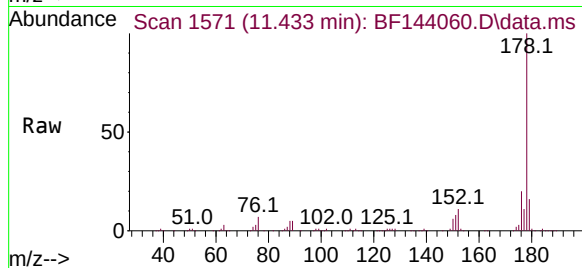
Tgt Ion:178 Resp: 324774

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

179 15.7 12.6 18.8



#72

Anthracene

Concen: 41.053 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

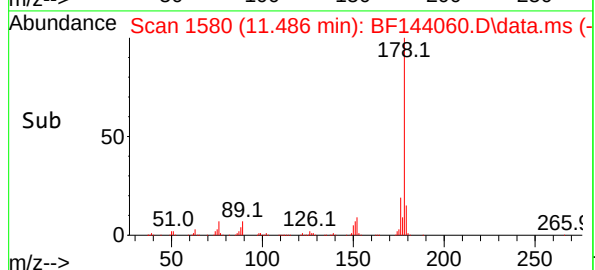
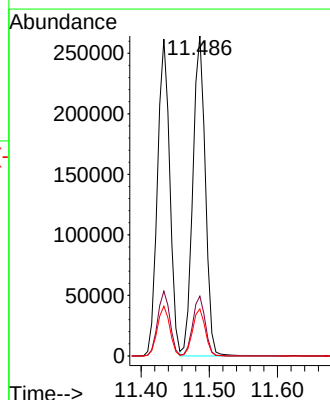
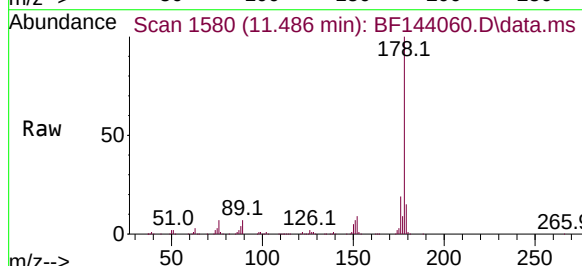
Tgt Ion:178 Resp: 336252

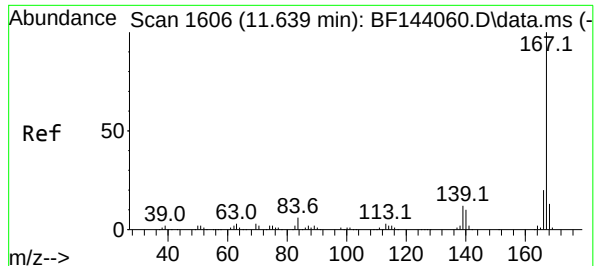
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 14.7 11.8 17.6

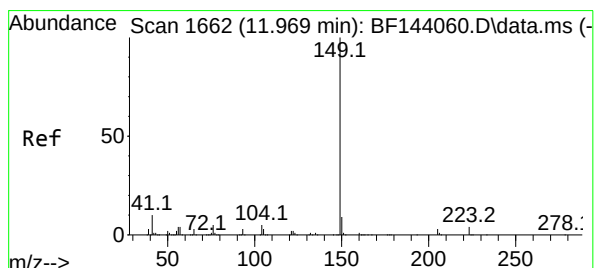
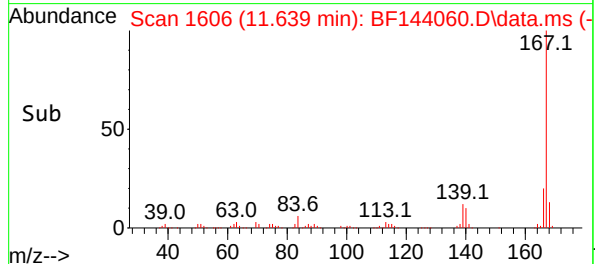
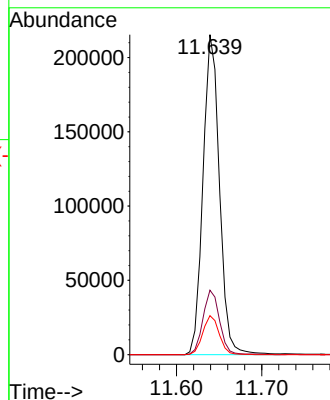
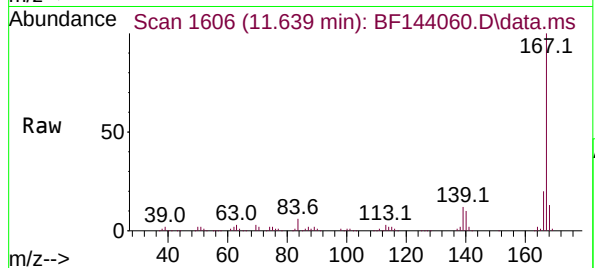




#73
Carbazole
Concen: 41.458 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

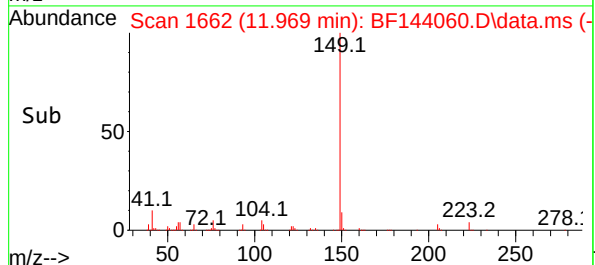
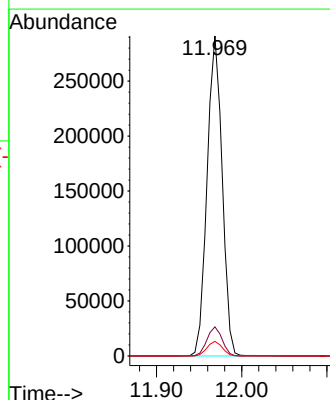
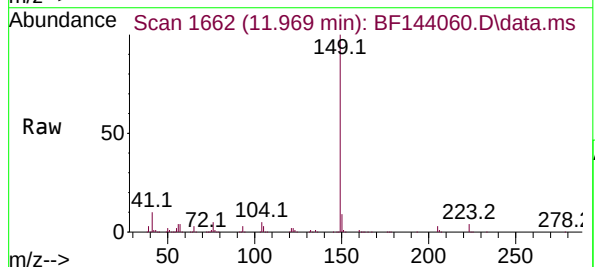
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

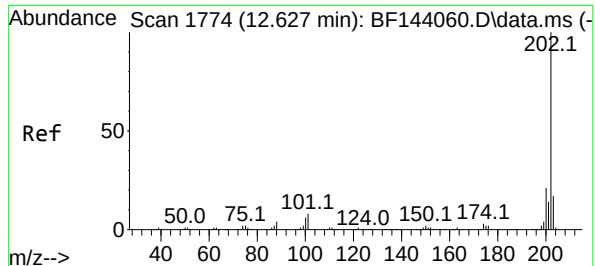
Tgt Ion:167 Resp: 289029
Ion Ratio Lower Upper
167 100
166 20.1 16.1 24.1
139 12.2 9.8 14.6



#74
Di-n-butylphthalate
Concen: 41.770 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:149 Resp: 357025
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

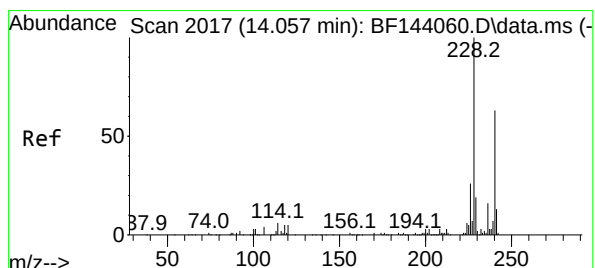
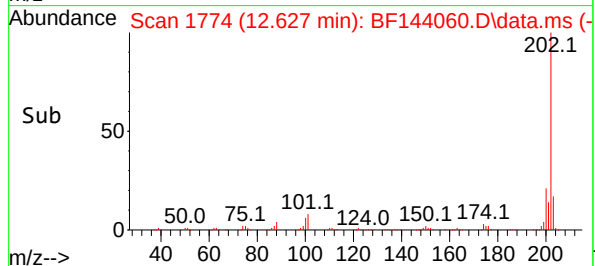
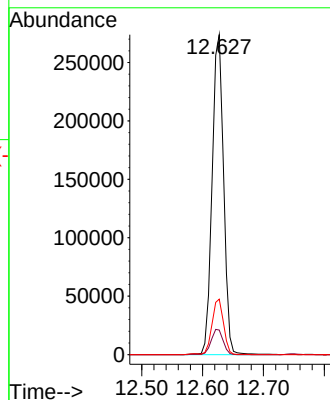
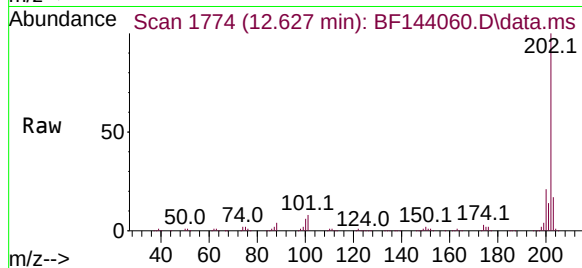




#75
Fluoranthene
Concen: 40.917 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

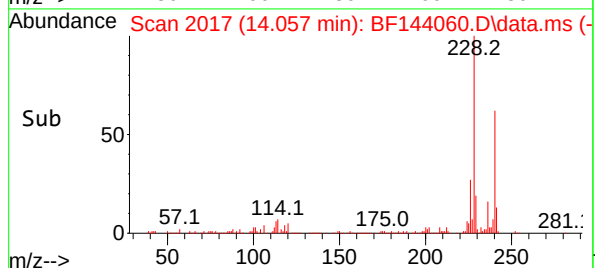
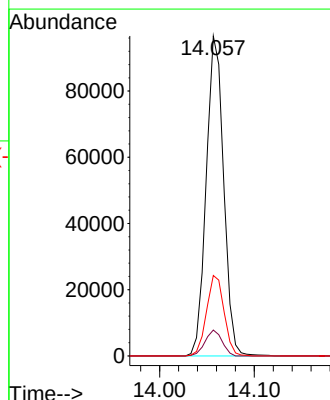
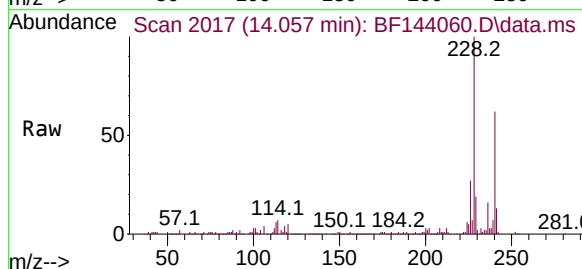
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

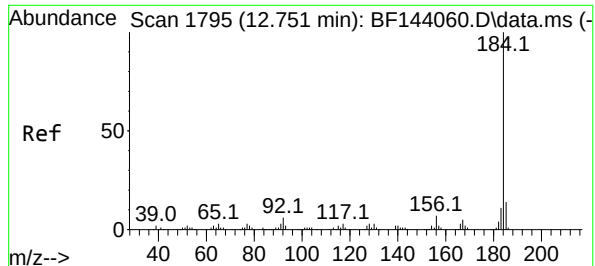
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.7
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.1	20.1	30.1





#77

Benzidine

Concen: 42.766 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144060.D

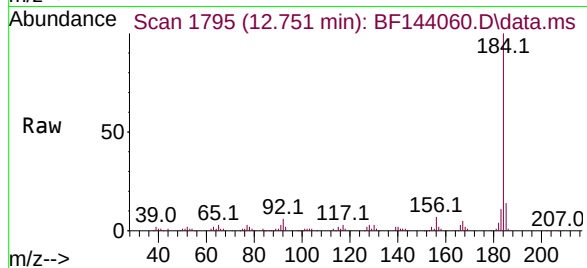
Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



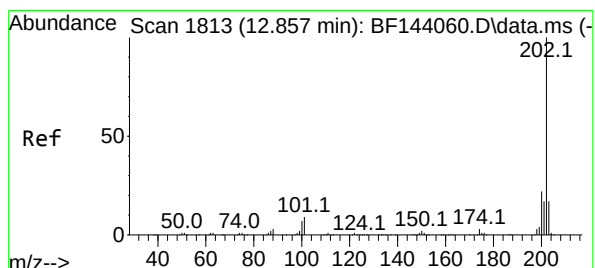
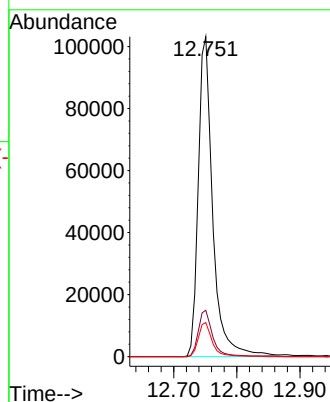
Tgt Ion:184 Resp: 164527

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 10.6 8.5 12.7



#78

Pyrene

Concen: 42.300 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

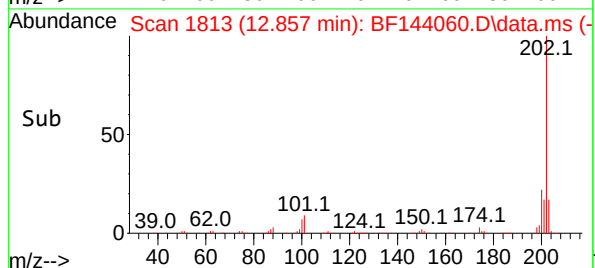
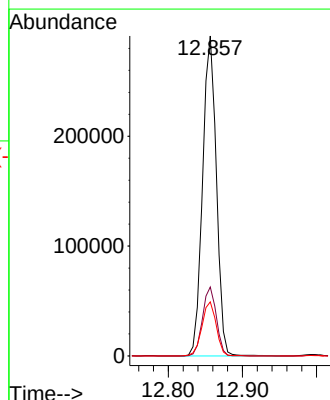
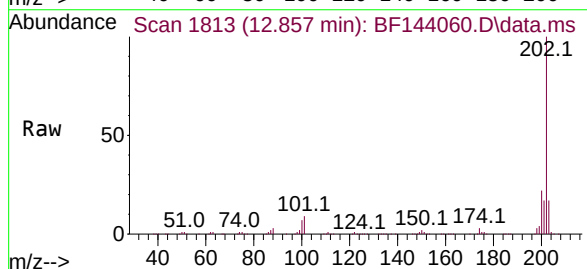
Tgt Ion:202 Resp: 375923

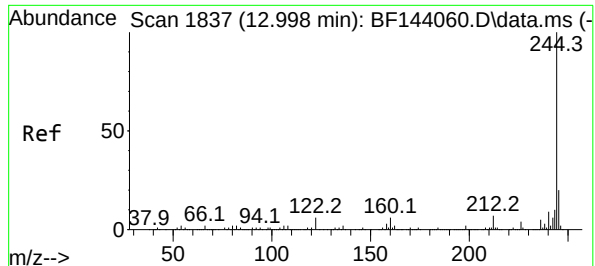
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 84.737 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

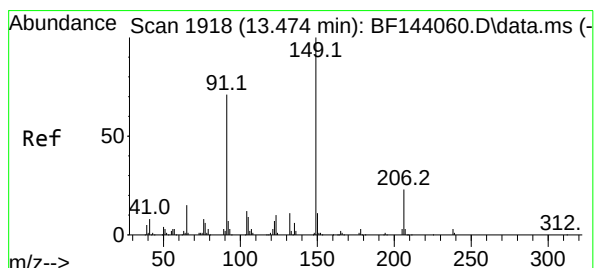
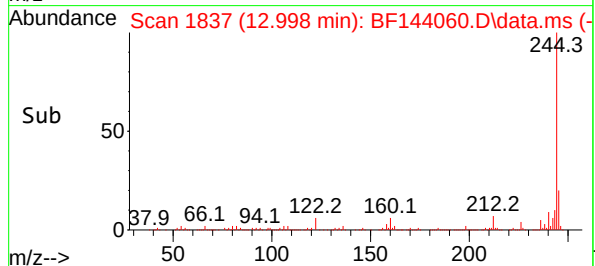
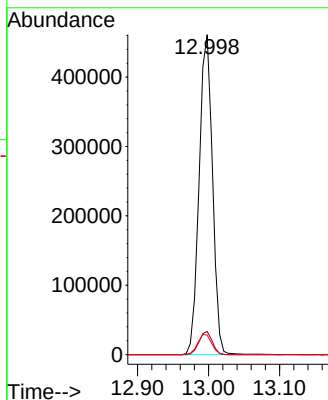
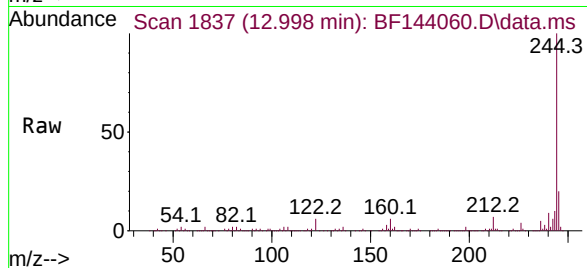
Tgt Ion:244 Resp: 599175

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 44.204 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

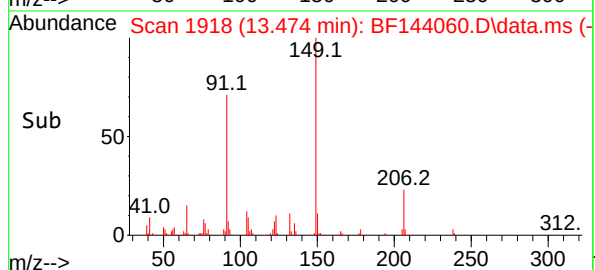
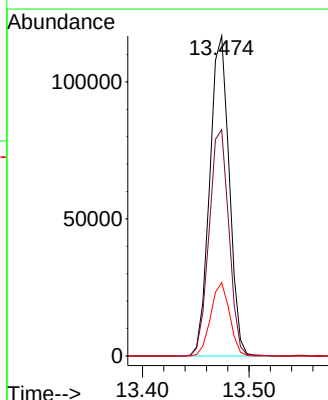
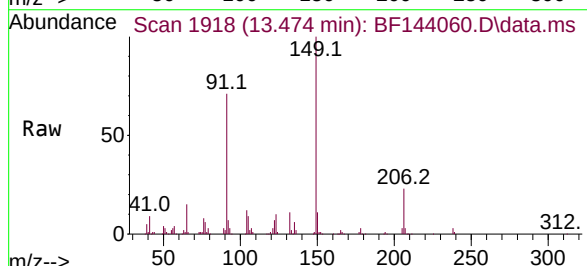
Tgt Ion:149 Resp: 148621

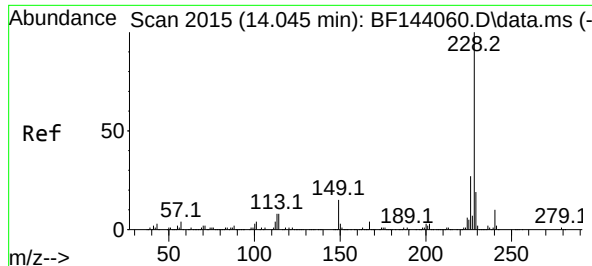
Ion Ratio Lower Upper

149 100

91 70.7 56.6 84.8

206 22.9 18.3 27.5

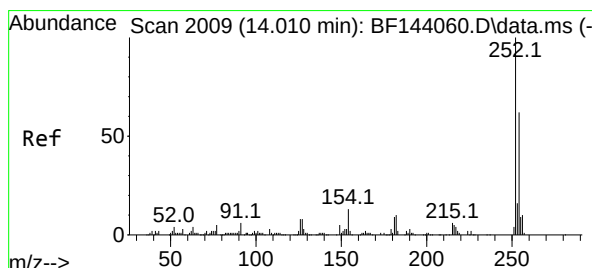
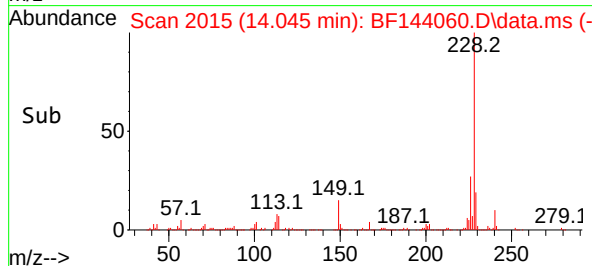
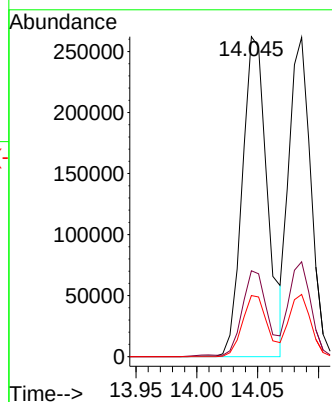
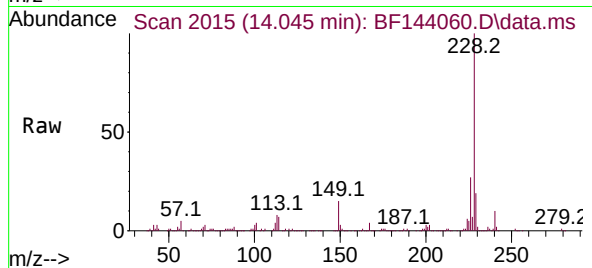




#81
Benzo(a)anthracene
Concen: 44.863 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

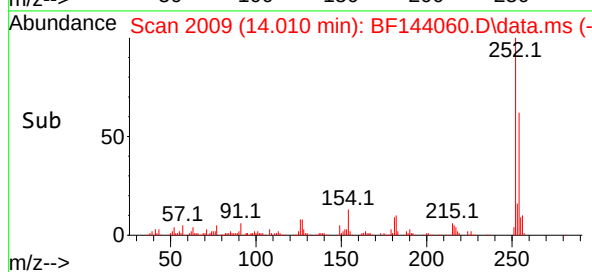
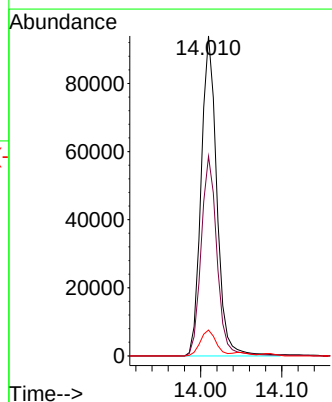
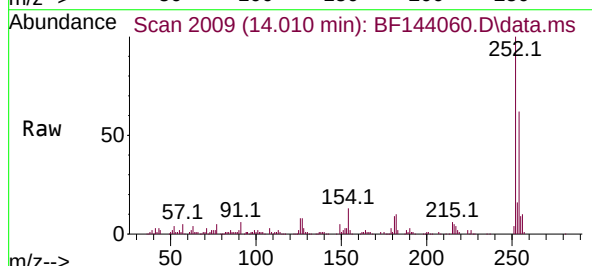
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

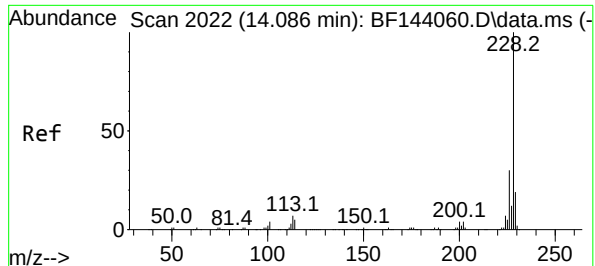
Tgt Ion:228 Resp: 374791
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.1 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 43.337 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:252 Resp: 126028
Ion Ratio Lower Upper
252 100
254 62.4 49.9 74.9
126 8.1 6.5 9.7

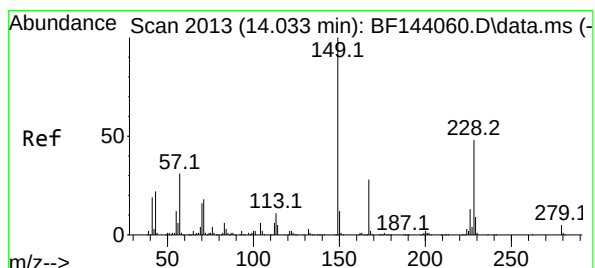
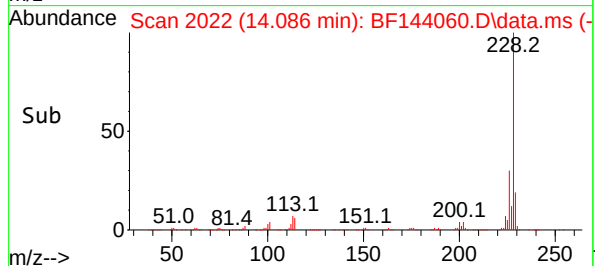
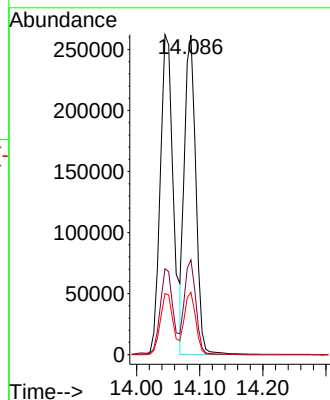
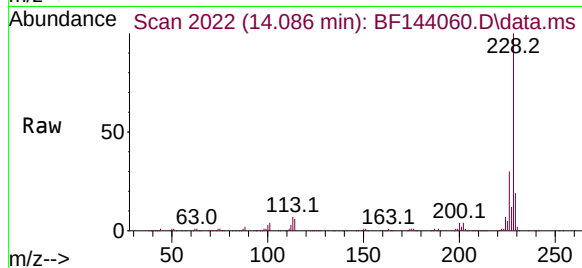




#83
Chrysene
Concen: 41.590 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

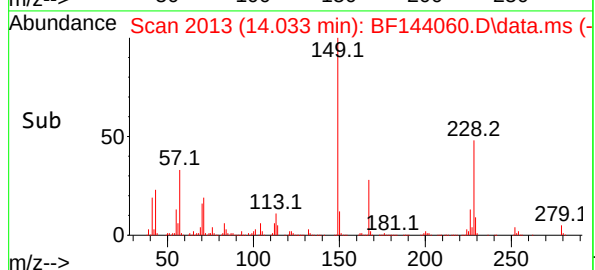
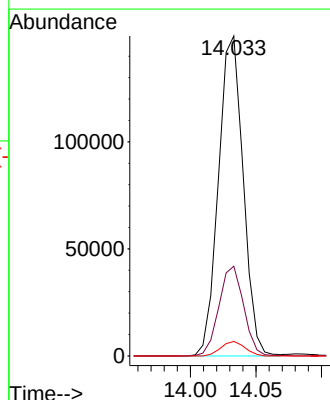
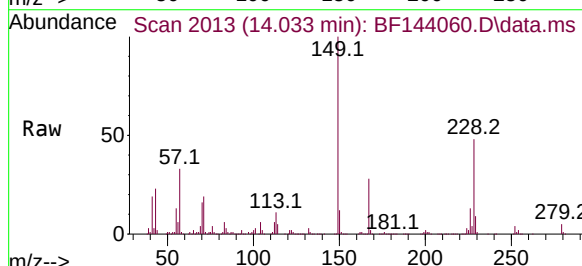
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

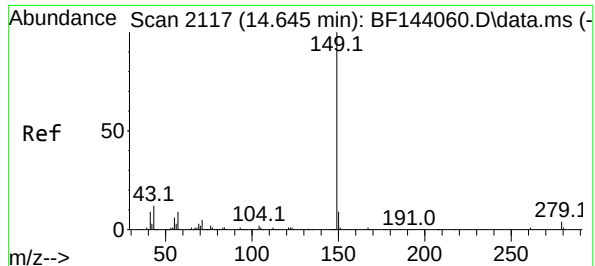
Tgt Ion:228 Resp: 326041
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.805 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:149 Resp: 196471
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.804 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

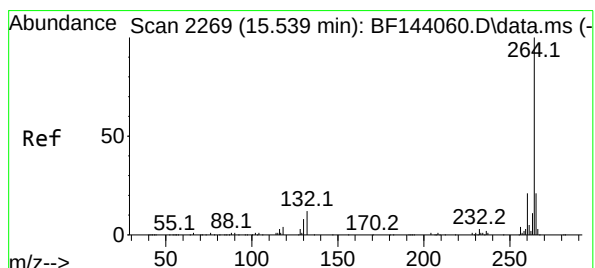
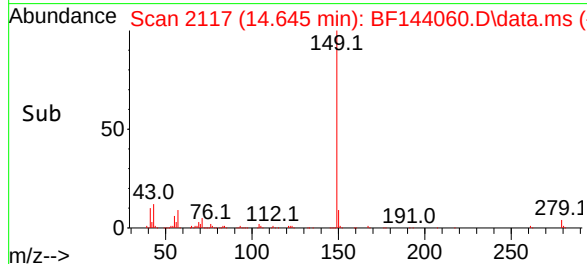
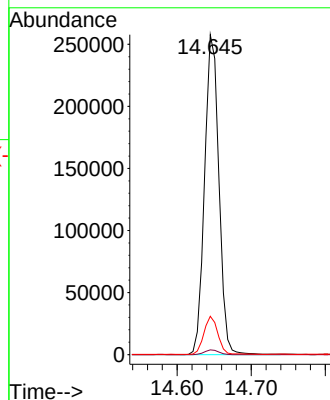
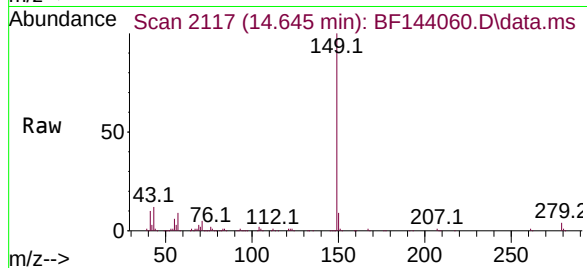
Tgt Ion:149 Resp: 345760

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

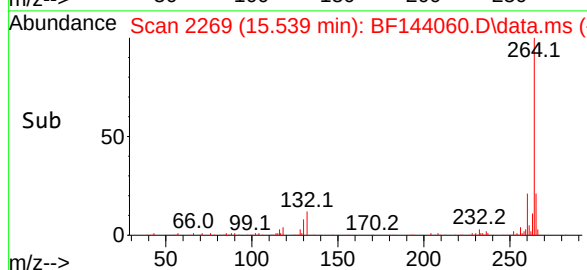
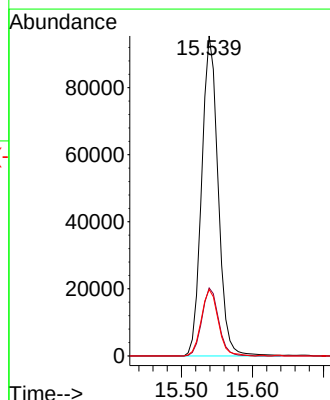
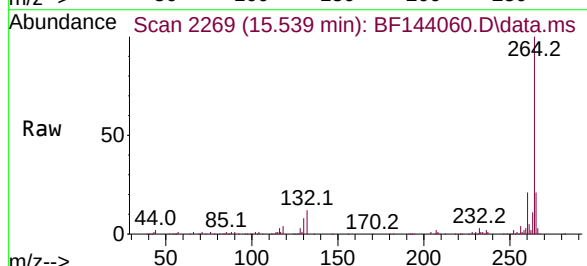
Tgt Ion:264 Resp: 152855

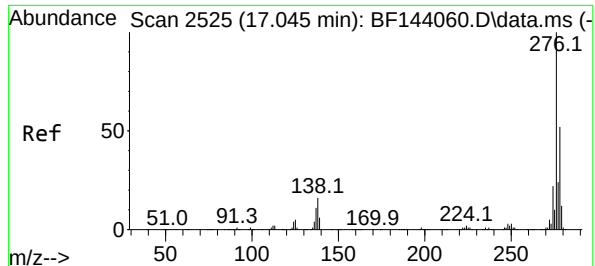
Ion Ratio Lower Upper

264 100

260 21.2 17.0 25.4

265 20.7 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.020 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

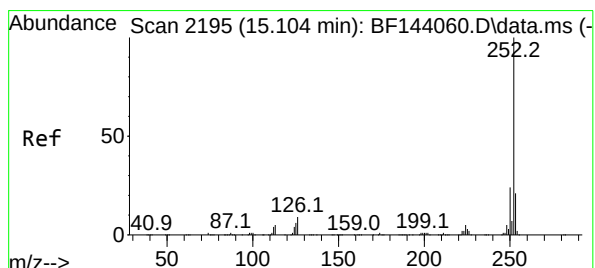
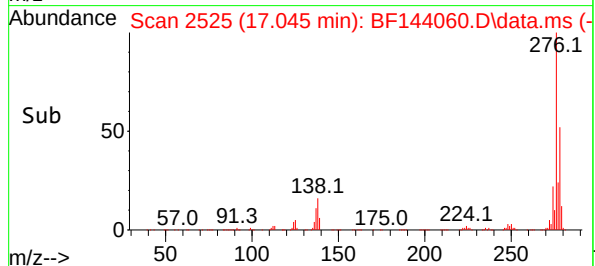
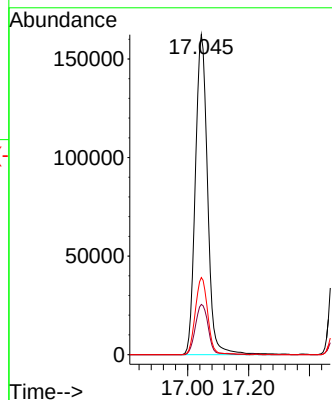
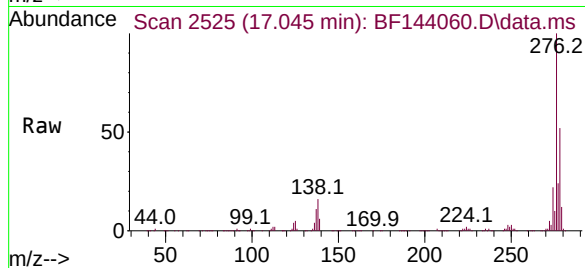
Tgt Ion:276 Resp: 451467

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 44.700 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

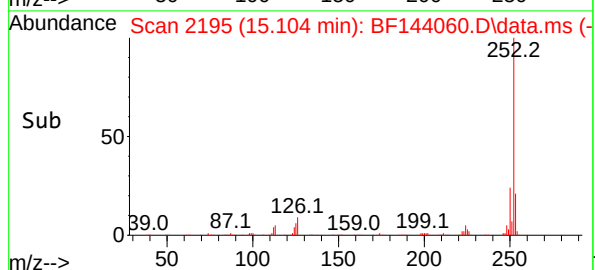
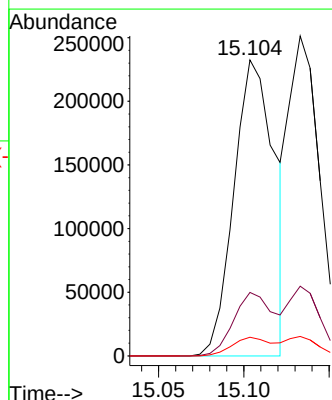
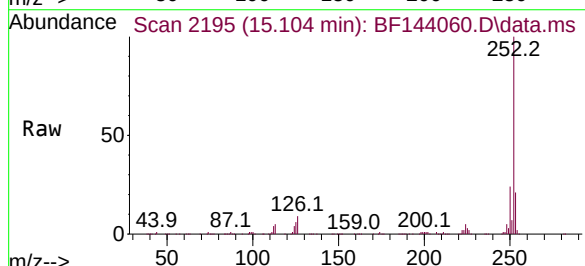
Tgt Ion:252 Resp: 386268

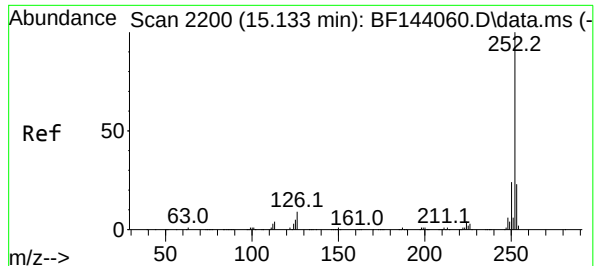
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.3 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 40.621 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

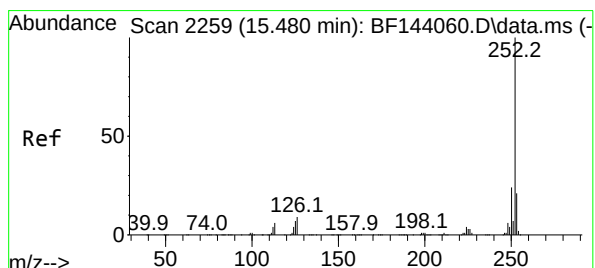
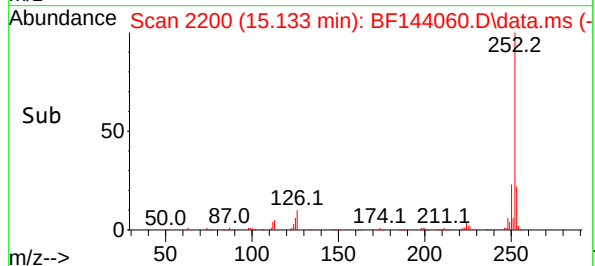
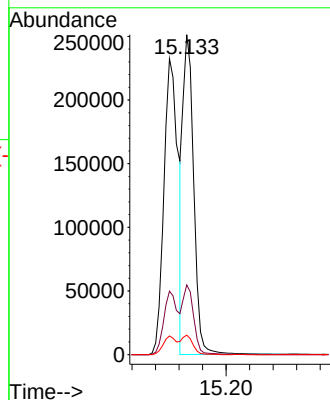
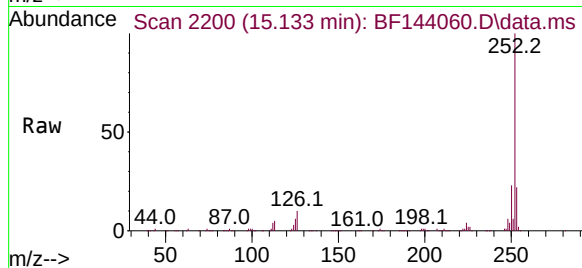
Tgt Ion:252 Resp: 323867

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.1 4.9 7.3



#90

Benzo(a)pyrene

Concen: 42.927 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

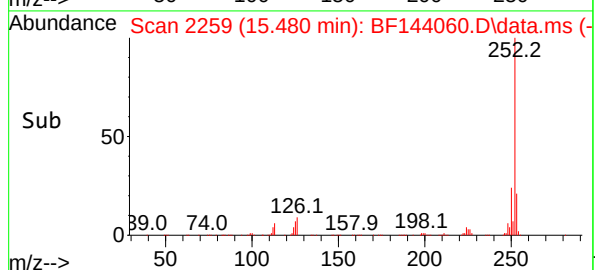
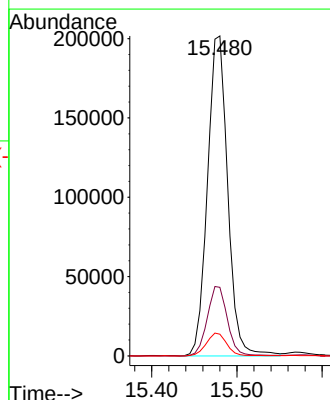
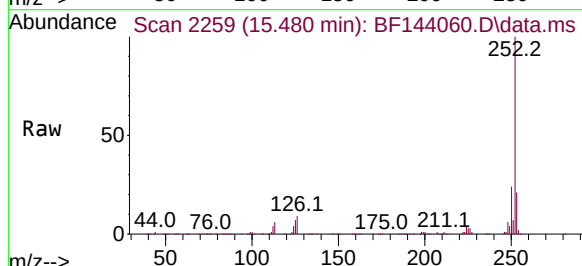
Tgt Ion:252 Resp: 332791

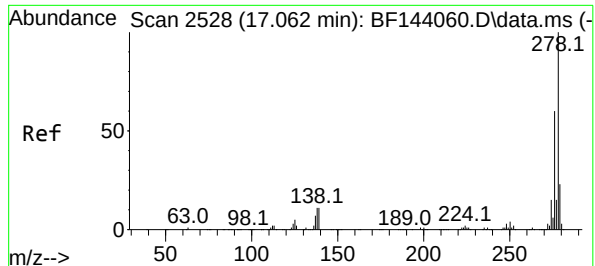
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.914 ng

RT: 17.062 min Scan# 2528

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

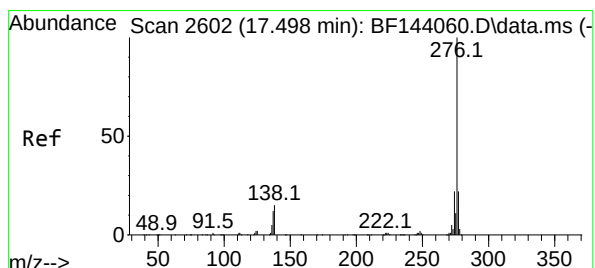
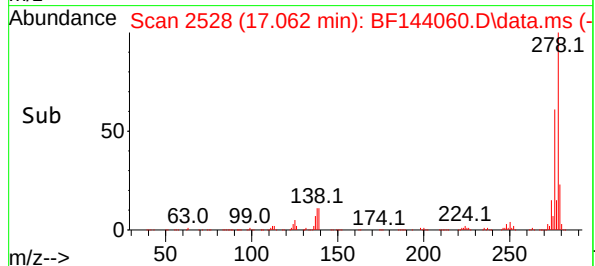
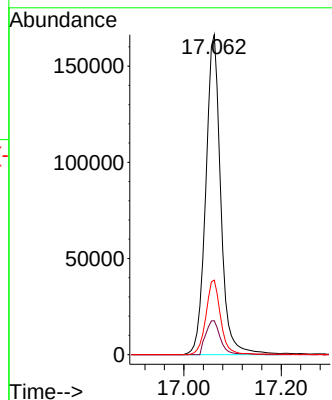
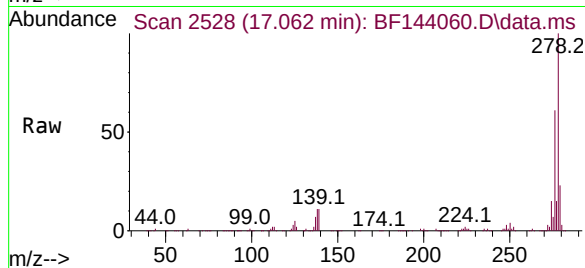
Tgt Ion:278 Resp: 356487

Ion Ratio Lower Upper

278 100

139 10.6 8.5 12.7

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.758 ng

RT: 17.498 min Scan# 2602

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

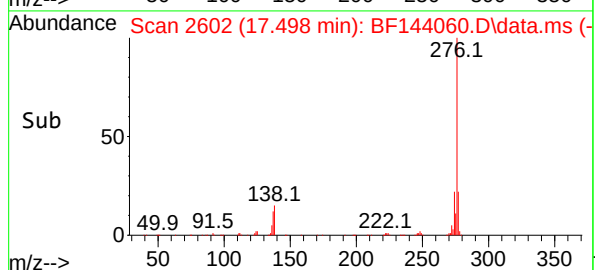
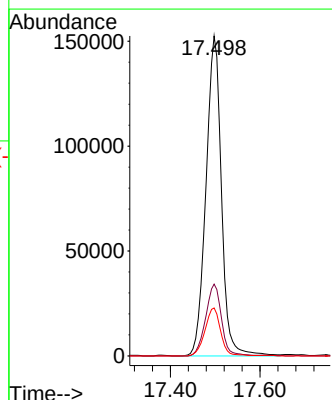
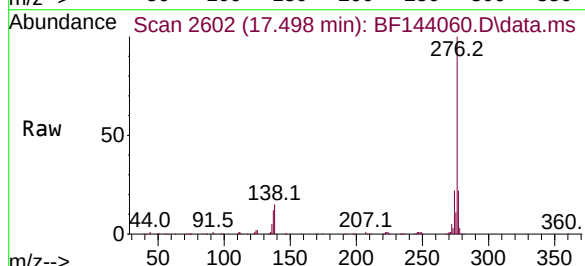
Tgt Ion:276 Resp: 365458

Ion Ratio Lower Upper

276 100

277 22.4 17.9 26.9

138 15.0 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144061.D
Acq On : 24 Oct 2025 13:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 24 17:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	187852	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	95790	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163068	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133555	20.000	ng	0.00
86) Perylene-d12	15.539	264	170761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	303472	91.982	ng	0.00
7) Phenol-d6	6.504	99	336307	92.298	ng	0.00
23) Nitrobenzene-d5	7.445	82	314744	91.795	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	115501	94.659	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	618497	90.861	ng	0.00
79) Terphenyl-d14	12.998	244	669013	87.573	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.628	88	67694	47.481	ng	99
3) Pyridine	3.399	79	186251	48.798	ng	99
4) n-Nitrosodimethylamine	3.346	42	108941	46.451	ng	96
6) Aniline	6.545	93	236051	45.283	ng	97
8) 2-Chlorophenol	6.663	128	146647	45.134	ng	100
9) Benzaldehyde	6.434	77	125111	44.224	ng	99
10) Phenol	6.522	94	205466	45.707	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	147198	45.316	ng	100
12) 1,3-Dichlorobenzene	6.822	146	184614	46.062	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178849	45.279	ng	99
14) 1,2-Dichlorobenzene	7.051	146	176825	46.267	ng	98
15) Benzyl Alcohol	7.022	79	137745	46.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	280440	45.937	ng	100
17) 2-Methylphenol	7.128	107	114018	45.627	ng	96
18) Hexachloroethane	7.392	117	66036	46.762	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	104565	44.378	ng	99
20) 3+4-Methylphenols	7.281	107	135141	45.746	ng	96
22) Acetophenone	7.287	105	186463	45.930	ng	99
24) Nitrobenzene	7.463	77	169181	46.643	ng	97
25) Isophorone	7.698	82	274478	45.788	ng	99
26) 2-Nitrophenol	7.781	139	78217	45.330	ng	96
27) 2,4-Dimethylphenol	7.810	122	119169	46.475	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	171275	45.816	ng	99
29) 2,4-Dichlorophenol	8.016	162	137586	46.140	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	141259	46.047	ng	100
31) Naphthalene	8.187	128	400308	45.150	ng	99
32) Benzoic acid	7.922	122	68843	42.326	ng	90
33) 4-Chloroaniline	8.234	127	139897	45.326	ng	99
34) Hexachlorobutadiene	8.298	225	113173	45.117	ng	99
35) Caprolactam	8.598	113	33776	45.169	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	120661	45.853	ng	96
37) 2-Methylnaphthalene	8.875	142	257754	44.094	ng	95
38) 1-Methylnaphthalene	8.975	142	245890	44.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150659	45.764	ng	99
41) Hexachlorocyclopentadiene	9.028	237	49167	48.354	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	102347	47.829	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144061.D
 Acq On : 24 Oct 2025 13:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 24 17:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

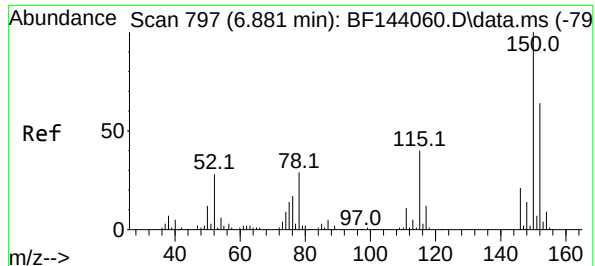
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102322	45.562	ng	99
46) 1,1'-Biphenyl	9.339	154	315397	45.996	ng	99
47) 2-Chloronaphthalene	9.363	162	263764	45.914	ng	98
48) 2-Nitroaniline	9.463	65	79650	46.691	ng	93
49) Acenaphthylene	9.781	152	353529	45.641	ng	100
50) Dimethylphthalate	9.633	163	291936	46.495	ng	99
51) 2,6-Dinitrotoluene	9.698	165	60313	48.590	ng	98
52) Acenaphthene	9.951	154	239254	46.250	ng	98
53) 3-Nitroaniline	9.869	138	67246	48.727	ng	98
54) 2,4-Dinitrophenol	9.981	184	27746	41.328	ng	95
55) Dibenzofuran	10.122	168	333154	46.390	ng	100
56) 4-Nitrophenol	10.028	139	41829	44.760	ng	98
57) 2,4-Dinitrotoluene	10.104	165	80539	48.075	ng	96
58) Fluorene	10.469	166	249298	45.558	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77175	48.766	ng	# 97
60) Diethylphthalate	10.339	149	274281	46.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	141601	46.015	ng	96
62) 4-Nitroaniline	10.486	138	62266	47.618	ng	99
63) Azobenzene	10.622	77	264030	47.243	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	46938	44.864	ng	95
66) n-Nitrosodiphenylamine	10.575	169	240557	46.171	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	93911	45.996	ng	98
68) Hexachlorobenzene	11.016	284	111943	44.706	ng	96
69) Atrazine	11.104	200	75502	44.162	ng	98
70) Pentachlorophenol	11.216	266	58380	48.981	ng	98
71) Phenanthrene	11.433	178	374285	46.205	ng	99
72) Anthracene	11.486	178	380096	45.423	ng	99
73) Carbazole	11.639	167	333654	46.845	ng	98
74) Di-n-butylphthalate	11.969	149	408630	46.795	ng	99
75) Fluoranthene	12.627	202	406402	45.411	ng	99
77) Benzidine	12.751	184	171303	41.214	ng	99
78) Pyrene	12.857	202	432441	45.038	ng	99
80) Butylbenzylphthalate	13.474	149	164976	45.417	ng	99
81) Benzo(a)anthracene	14.045	228	402629	44.609	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	134912	42.940	ng	95
83) Chrysene	14.086	228	393508	46.461	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	230343	46.450	ng	96
85) Di-n-octyl phthalate	14.645	149	393623	46.156	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	552781	47.151	ng	100
88) Benzo(b)fluoranthene	15.104	252	450302	46.646	ng	98
89) Benzo(k)fluoranthene	15.133	252	386955	43.445	ng	99
90) Benzo(a)pyrene	15.480	252	402167	46.436	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	437275	47.119	ng	100
92) Benzo(g,h,i)perylene	17.504	276	436689	46.804	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

- 1
- 2
- 3
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- 15
- 16
- 17

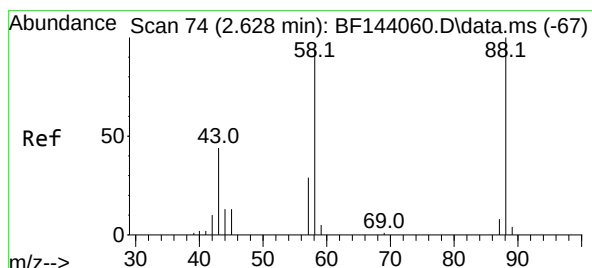
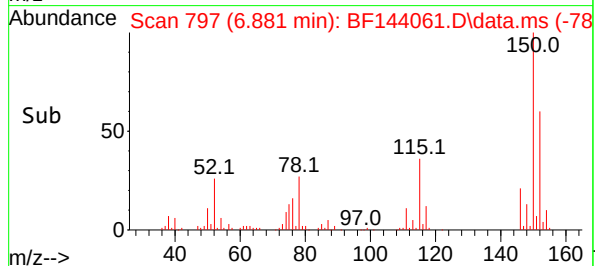
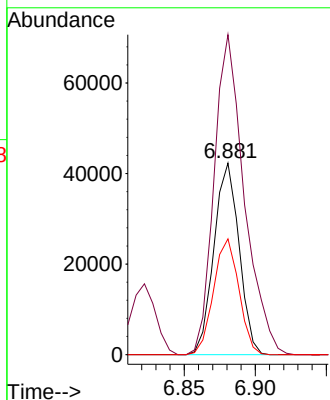
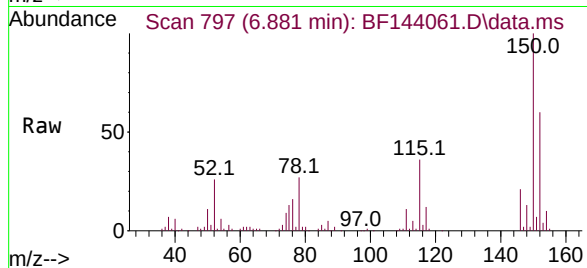




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

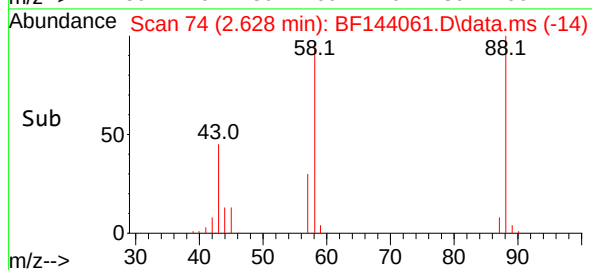
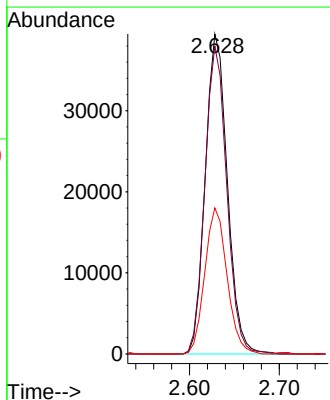
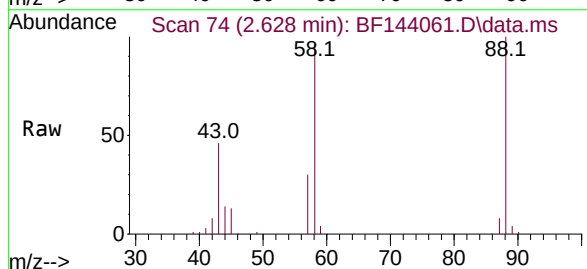
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

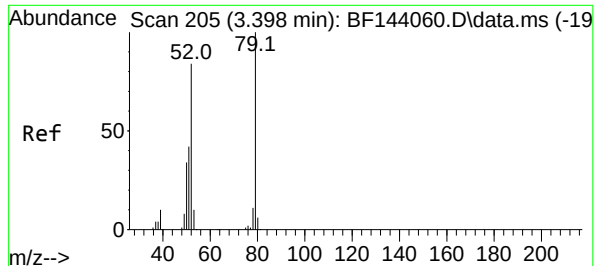
Tgt Ion:152 Resp: 52198
Ion Ratio Lower Upper
152 100
150 167.1 124.4 186.6
115 60.5 49.4 74.0



#2
1,4-Dioxane
Concen: 47.481 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 88 Resp: 67694
Ion Ratio Lower Upper
88 100
58 95.6 76.5 114.7
43 46.0 35.3 52.9





#3

Pyridine

Concen: 48.798 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

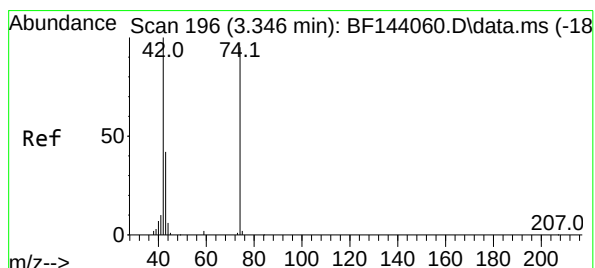
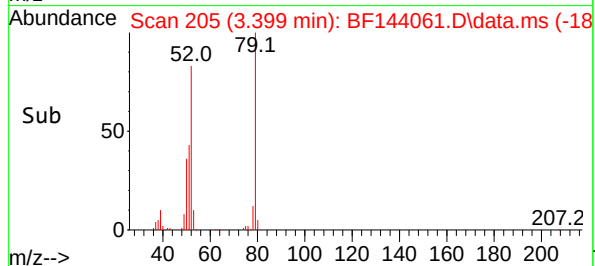
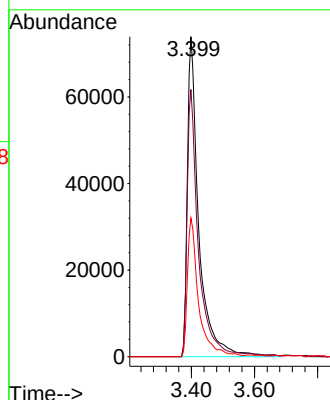
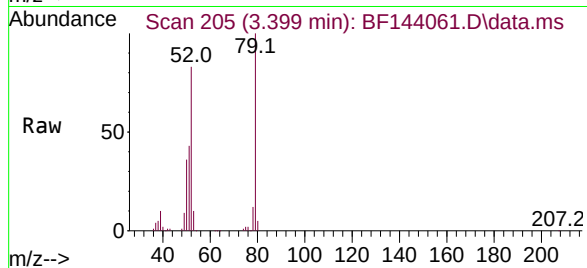
Tgt Ion: 79 Resp: 186251

Ion Ratio Lower Upper

79 100

52 83.5 67.5 101.3

51 43.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 46.451 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

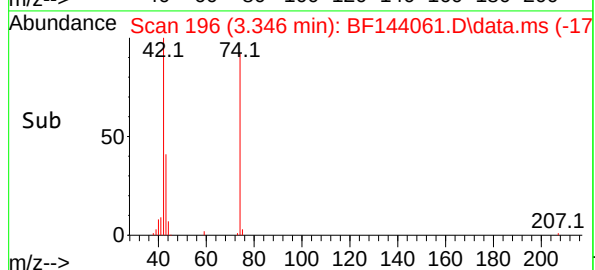
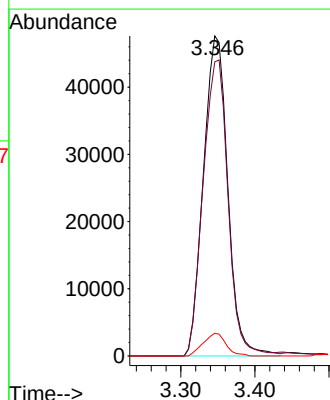
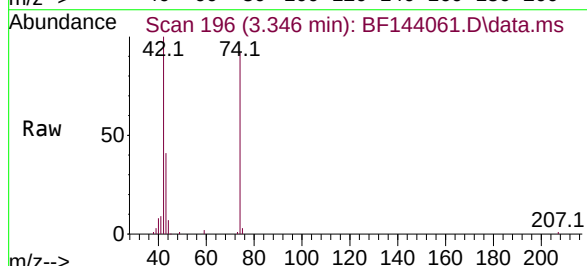
Tgt Ion: 42 Resp: 108941

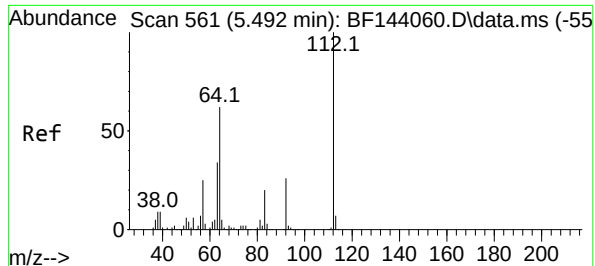
Ion Ratio Lower Upper

42 100

74 91.9 76.4 114.6

44 7.1 5.2 7.8

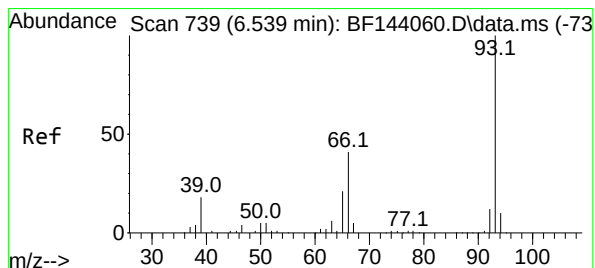
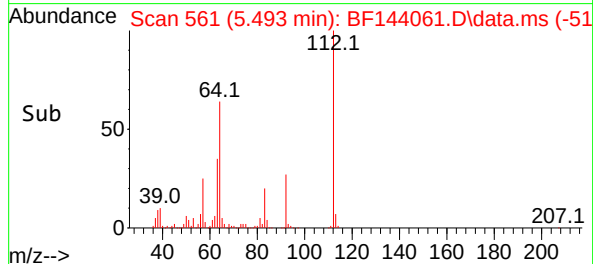
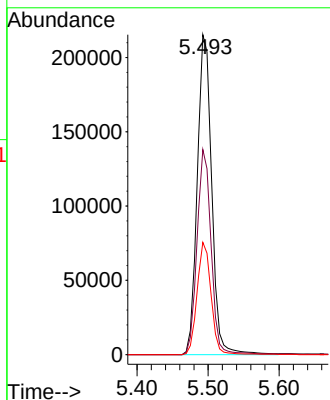
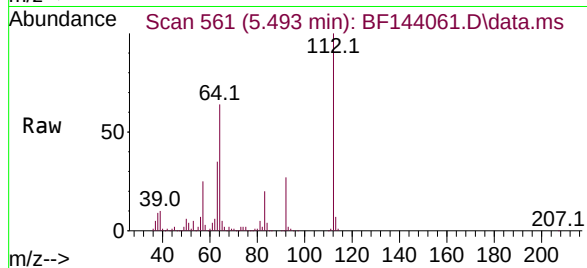




#5
2-Fluorophenol
Concen: 91.982 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

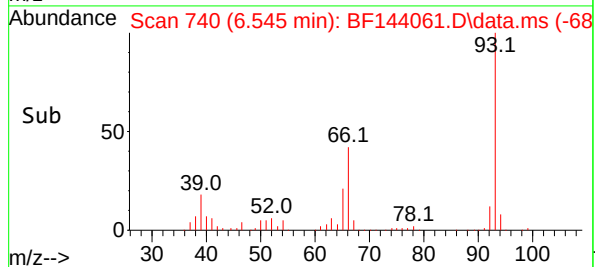
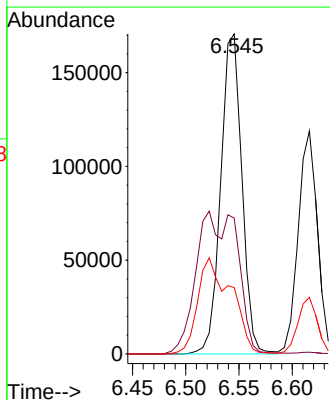
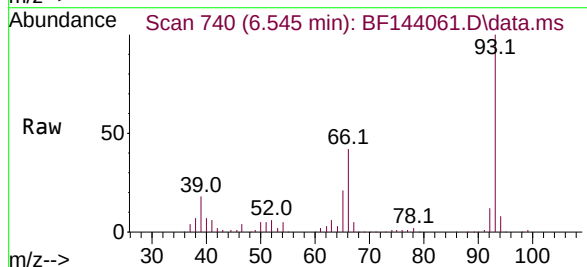
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

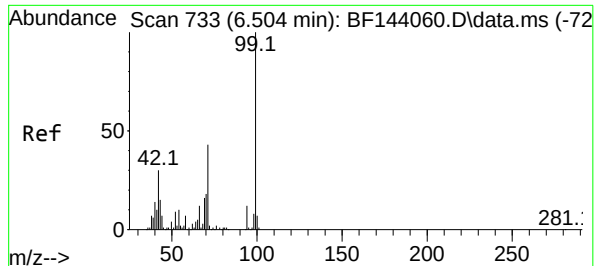
Tgt Ion:112 Resp: 303472
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.8
63 35.1 27.4 41.2



#6
Aniline
Concen: 45.283 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 93 Resp: 236051
Ion Ratio Lower Upper
93 100
66 42.4 35.7 53.5
65 20.7 17.0 25.6

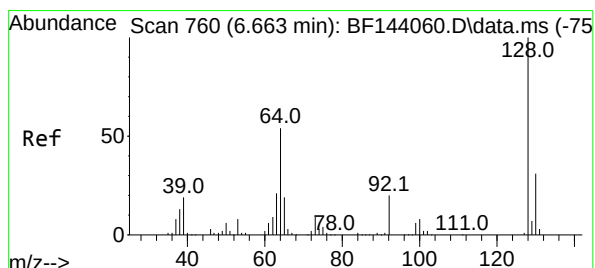
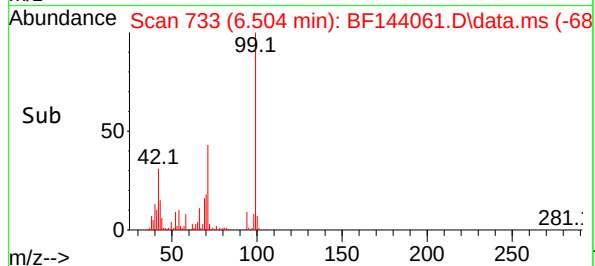
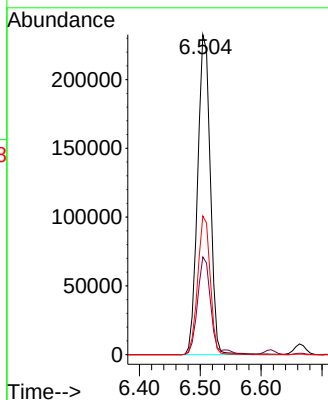
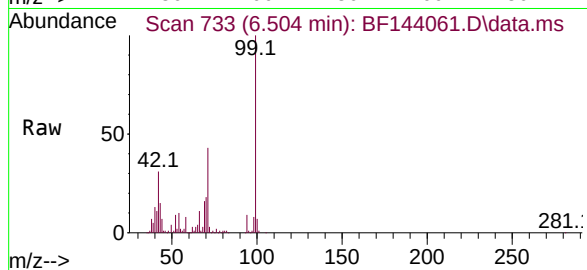




#7
Phenol-d6
Concen: 92.298 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

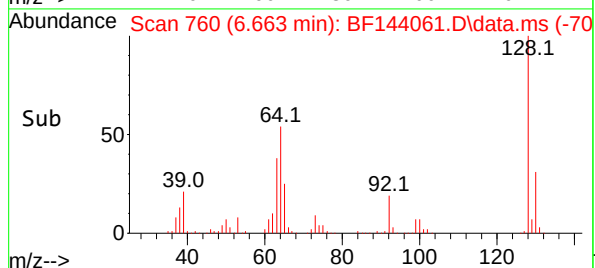
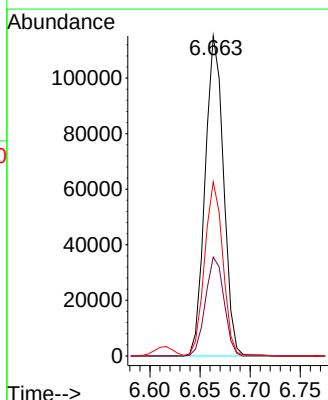
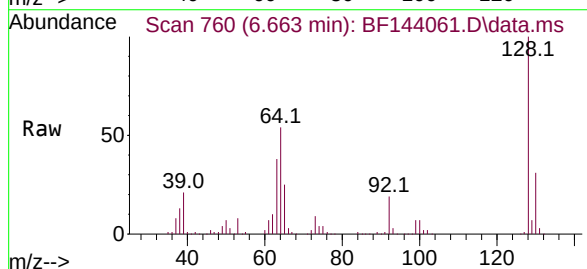
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

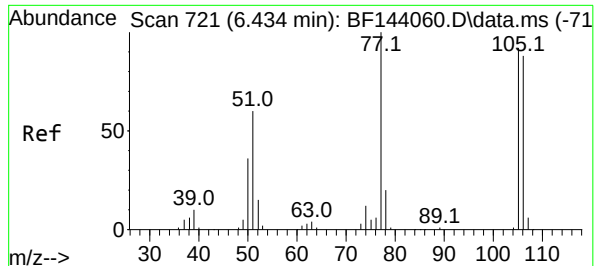
Tgt Ion: 99 Resp: 336307
Ion Ratio Lower Upper
99 100
42 30.5 23.9 35.9
71 43.3 34.4 51.6



#8
2-Chlorophenol
Concen: 45.134 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 128 Resp: 146647
Ion Ratio Lower Upper
128 100
130 30.9 10.7 50.7
64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 44.224 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

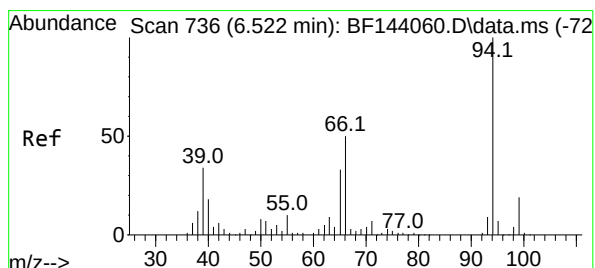
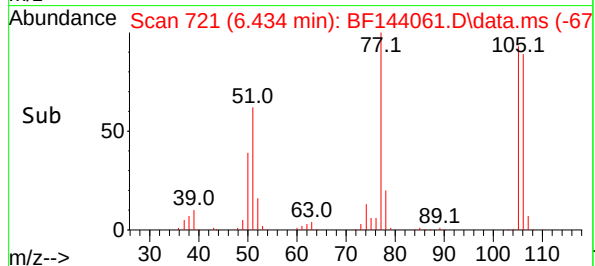
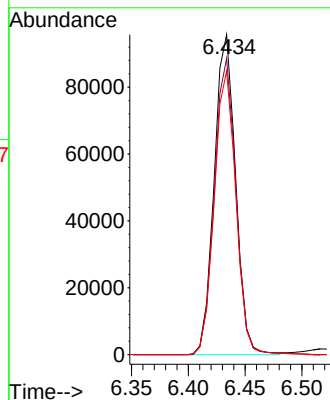
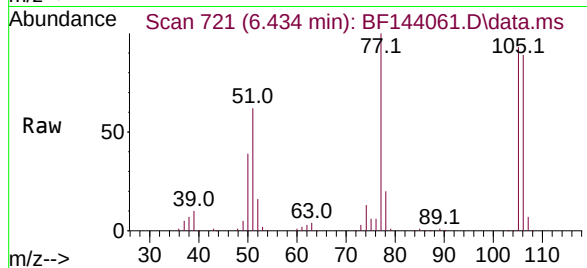
Tgt Ion: 77 Resp: 125111

Ion Ratio Lower Upper

77 100

105 92.5 72.2 112.2

106 88.6 67.9 107.9



#10

Phenol

Concen: 45.707 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

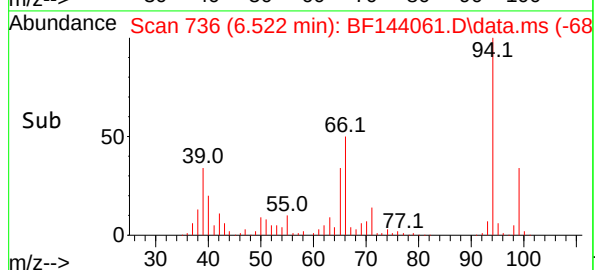
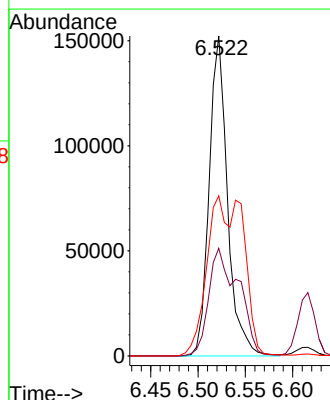
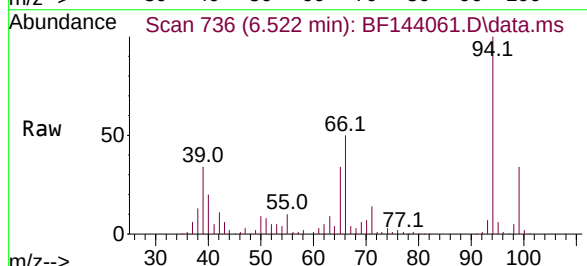
Tgt Ion: 94 Resp: 205466

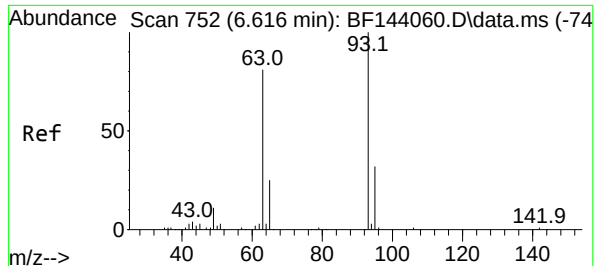
Ion Ratio Lower Upper

94 100

65 33.6 13.1 53.1

66 50.0 30.6 70.6

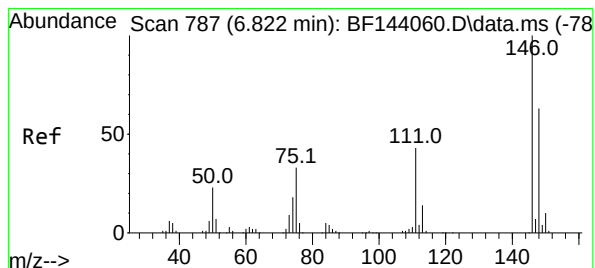
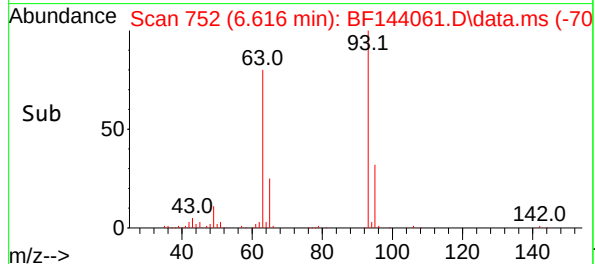
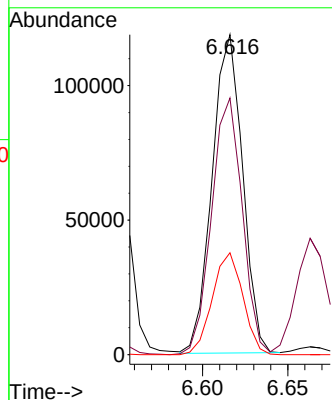
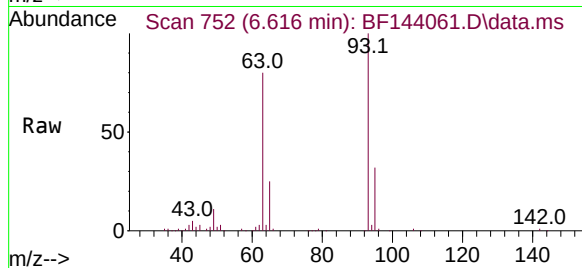




#11
bis(2-Chloroethyl)ether
Concen: 45.316 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

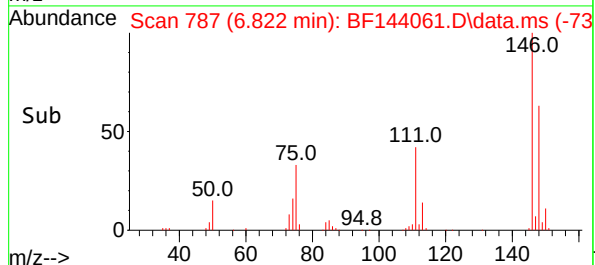
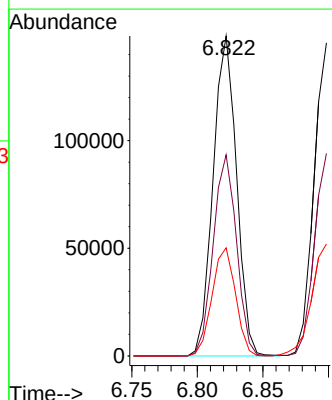
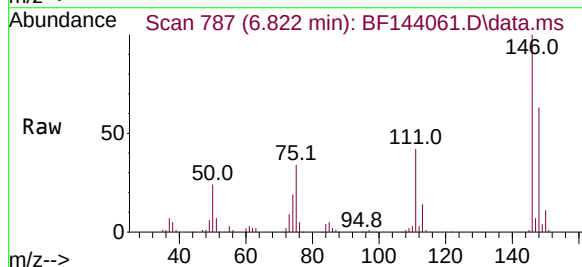
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

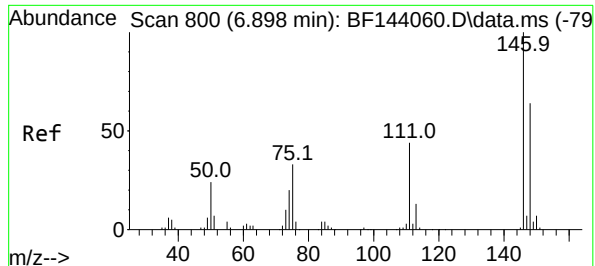
Tgt Ion: 93 Resp: 147198
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.062 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 146 Resp: 184614
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 33.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 45.279 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

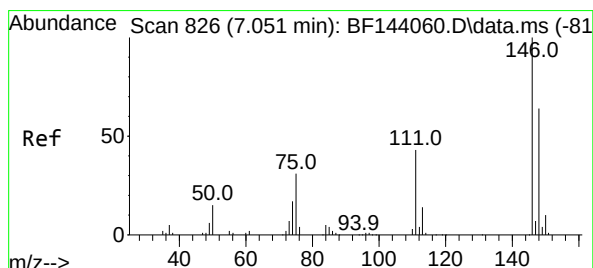
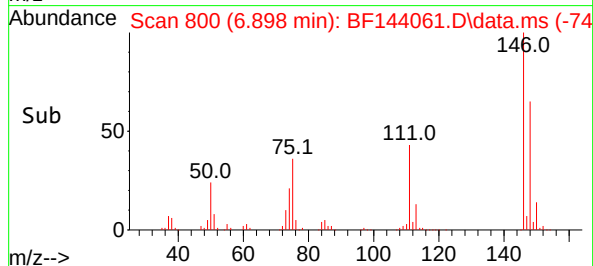
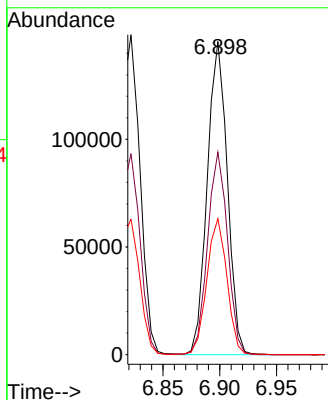
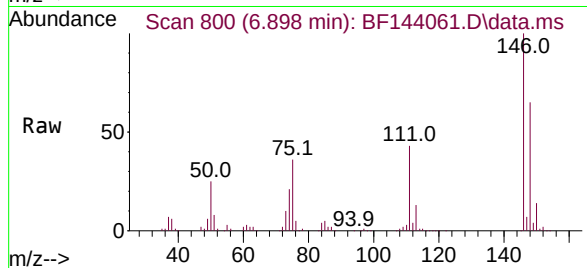
Tgt Ion:146 Resp: 178849

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 43.4 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 46.267 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

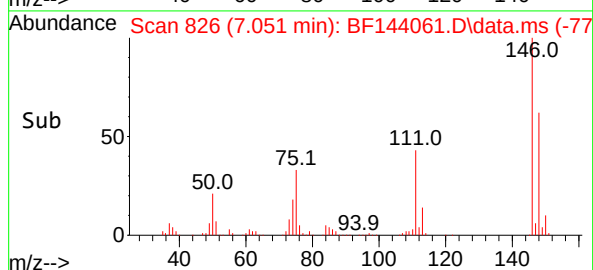
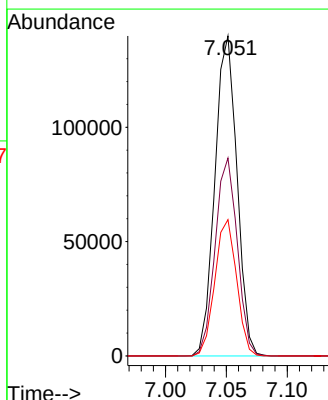
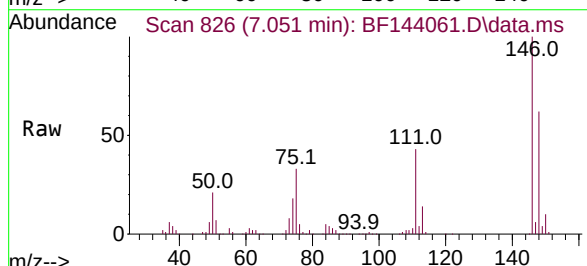
Tgt Ion:146 Resp: 176825

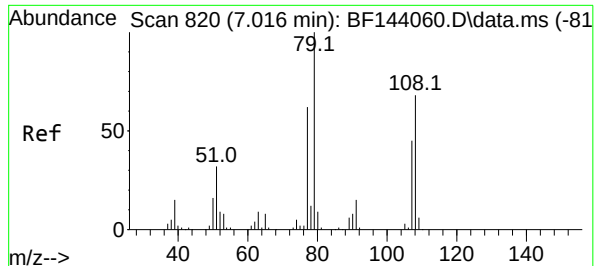
Ion Ratio Lower Upper

146 100

148 61.8 50.8 76.2

111 42.6 34.7 52.1





#15

Benzyl Alcohol

Concen: 46.492 ng

RT: 7.022 min Scan# 821

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

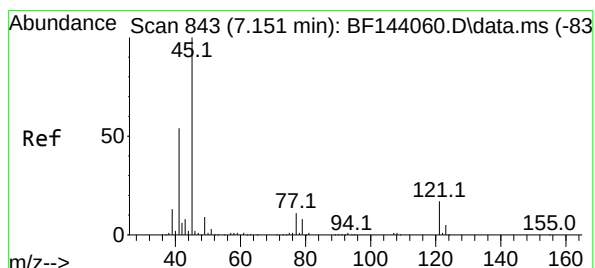
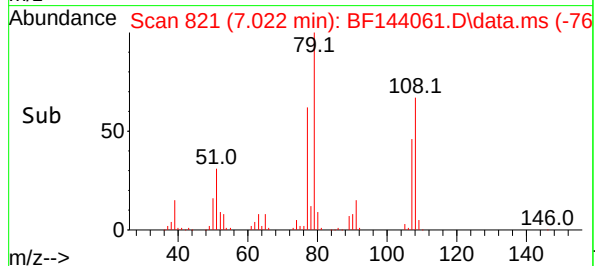
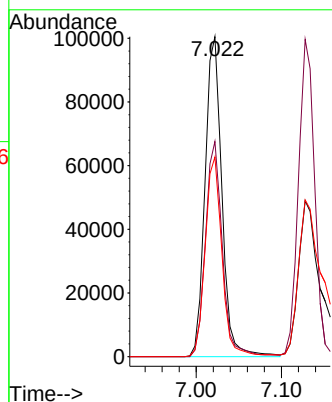
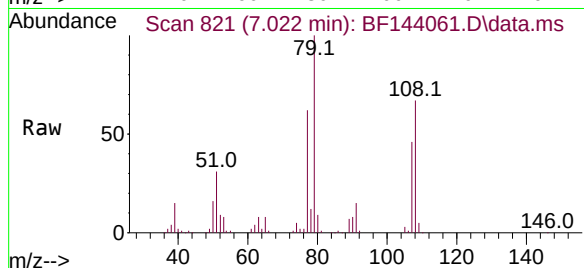
Tgt Ion: 79 Resp: 137745

Ion Ratio Lower Upper

79 100

108 67.2 54.8 82.2

77 62.4 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.937 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

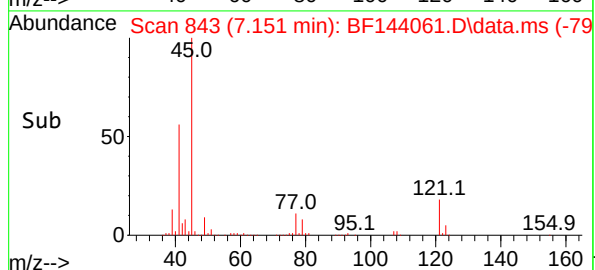
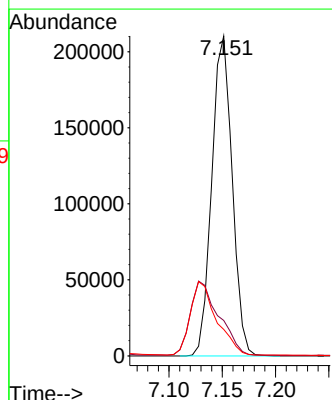
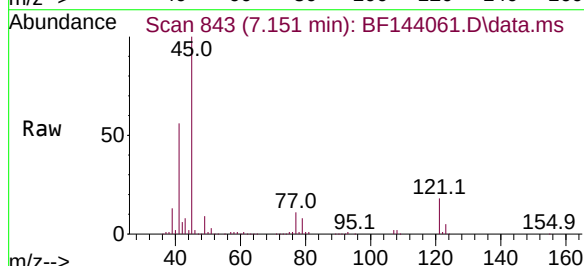
Tgt Ion: 45 Resp: 280440

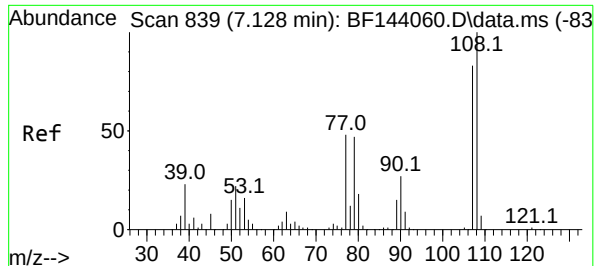
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.9

79 8.3 0.0 28.2

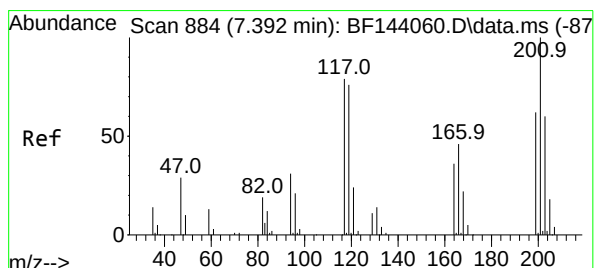
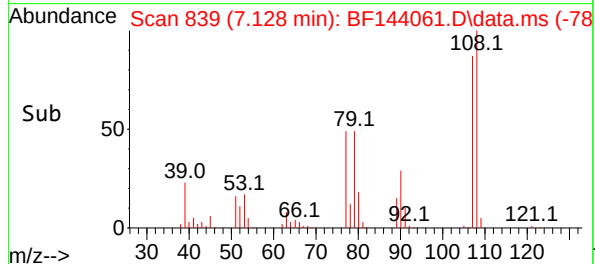
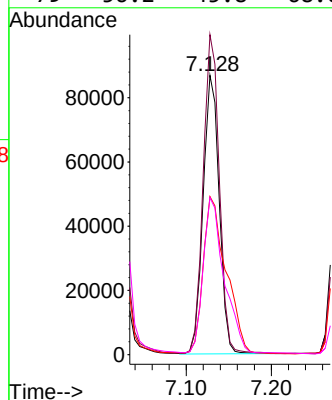
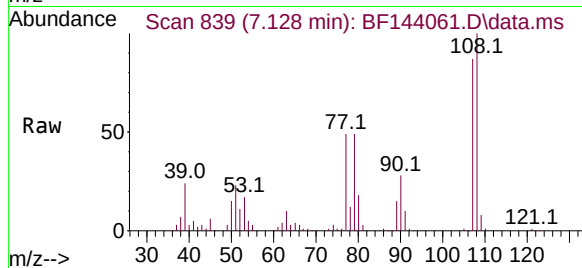




#17
2-Methylphenol
Concen: 45.627 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

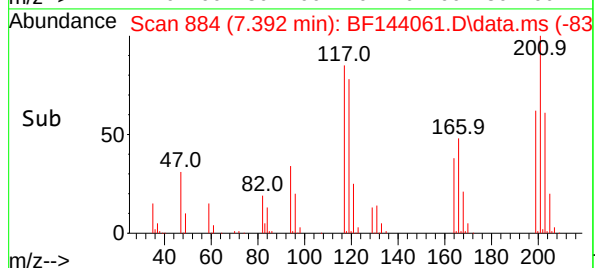
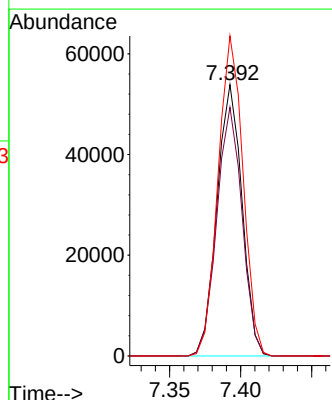
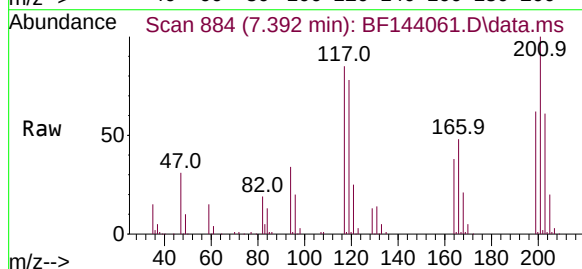
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

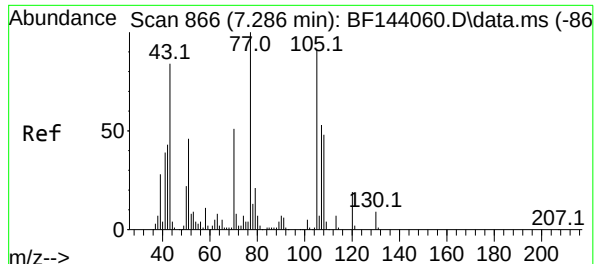
Tgt Ion:	107	Resp:	114018
Ion	Ratio	Lower	Upper
107	100		
108	114.6	96.4	144.6
77	56.6	46.8	70.2
79	56.2	45.8	68.6



#18
Hexachloroethane
Concen: 46.762 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:	117	Resp:	66036
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.6	115.0
201	117.9	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 44.378 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144061.D

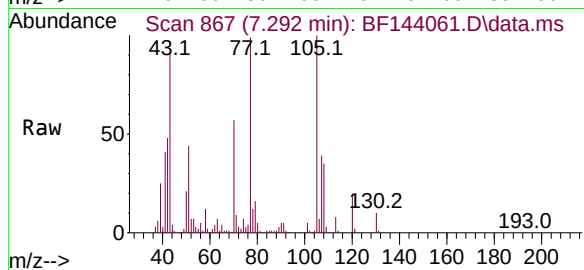
Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 104565

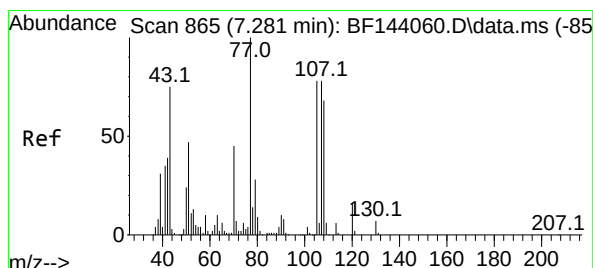
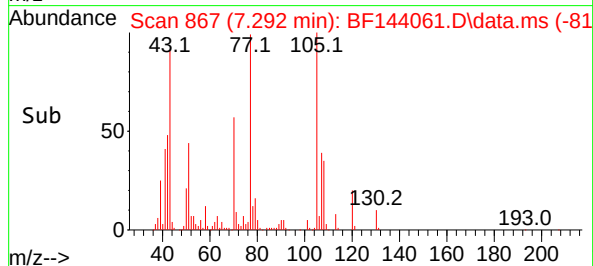
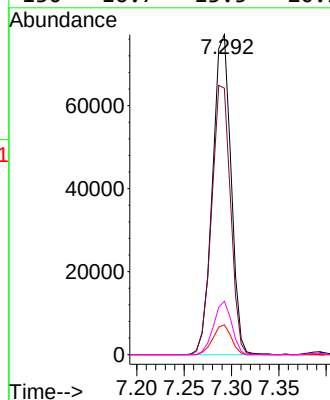
Ion Ratio Lower Upper

70 100

42 83.3 67.4 101.0

101 9.3 7.1 10.7

130 16.7 13.5 20.3



#20

3+4-Methylphenols

Concen: 45.746 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion: 107 Resp: 135141

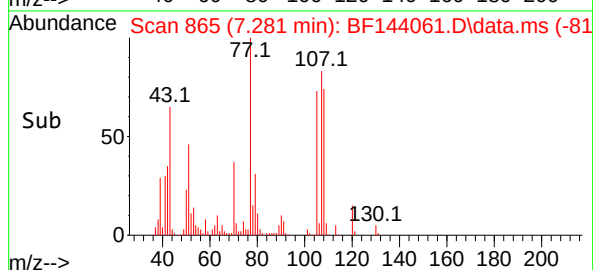
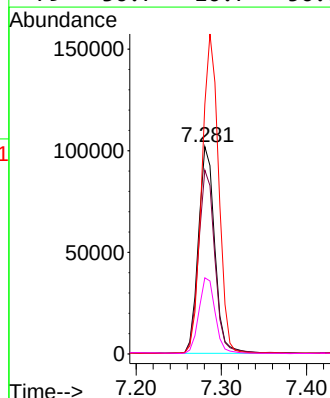
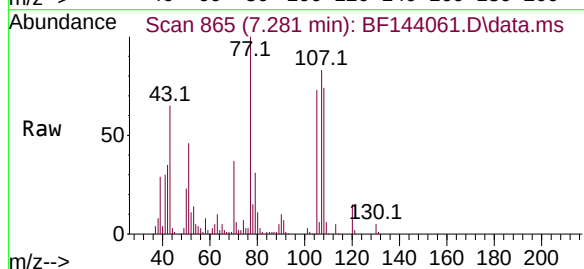
Ion Ratio Lower Upper

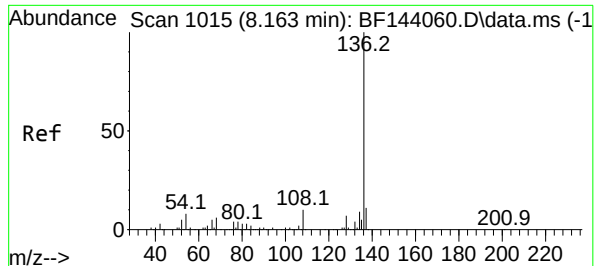
107 100

108 88.6 68.0 108.0

77 120.4 108.7 148.7

79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:136 Resp: 187852

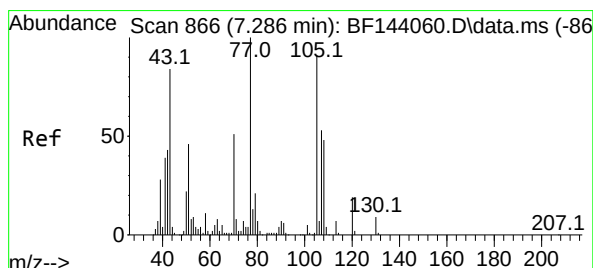
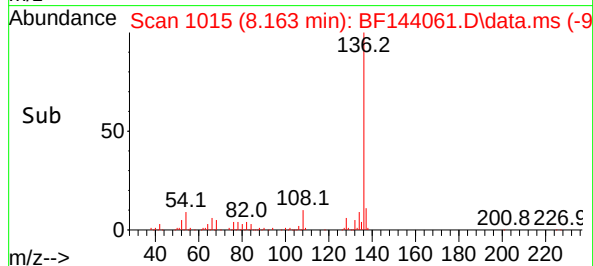
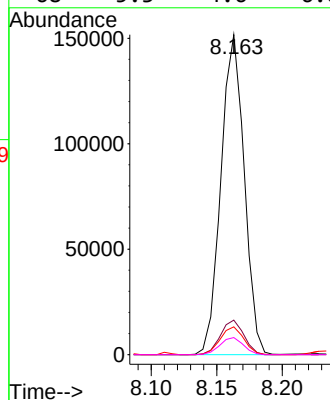
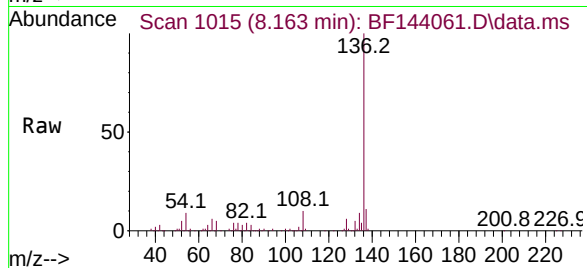
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.6 9.8

68 5.3 4.6 6.8



#22

Acetophenone

Concen: 45.930 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:105 Resp: 186463

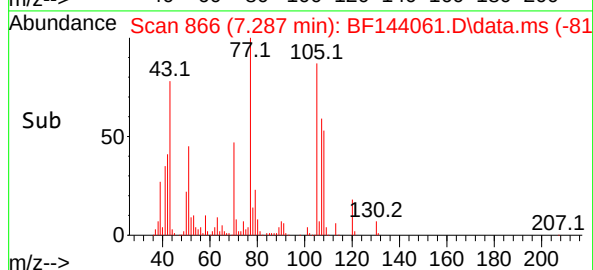
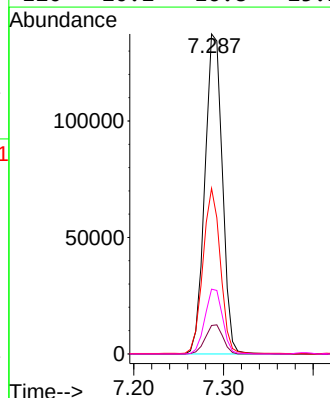
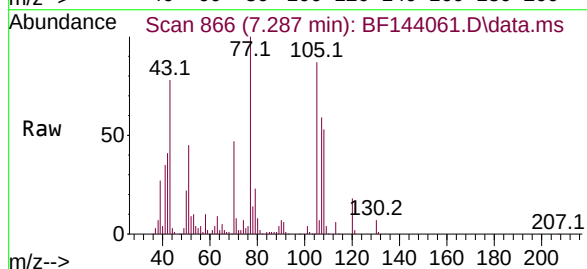
Ion Ratio Lower Upper

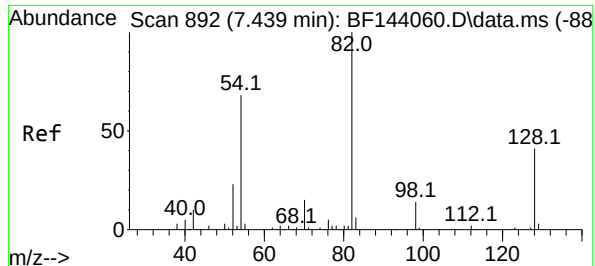
105 100

71 8.9 6.9 10.3

51 51.7 40.6 60.8

120 20.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 91.795 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

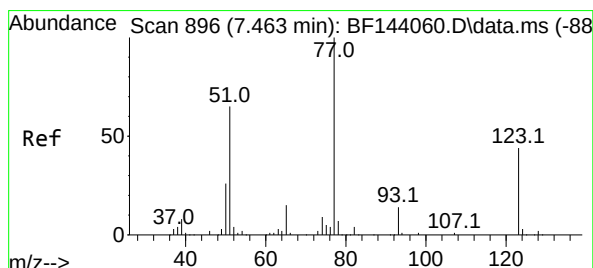
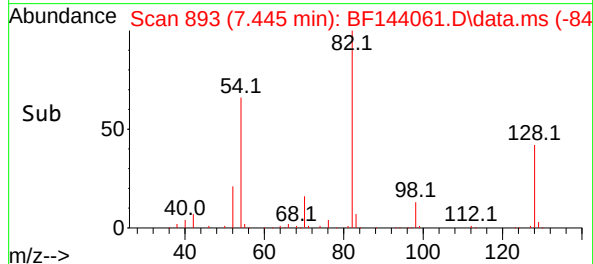
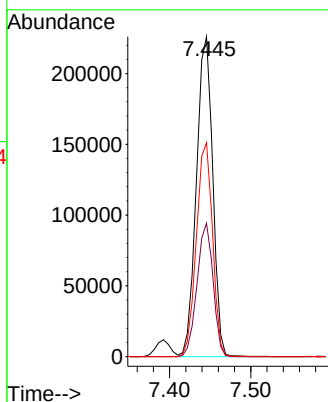
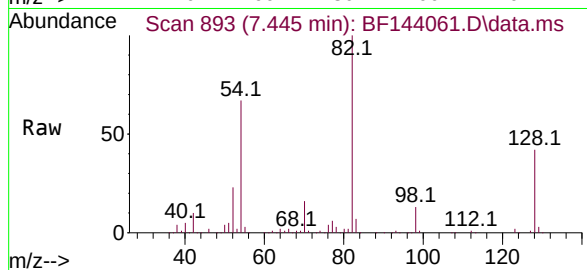
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 314744

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.4	48.6
54	66.8	54.0	81.0



#24

Nitrobenzene

Concen: 46.643 ng

RT: 7.463 min Scan# 896

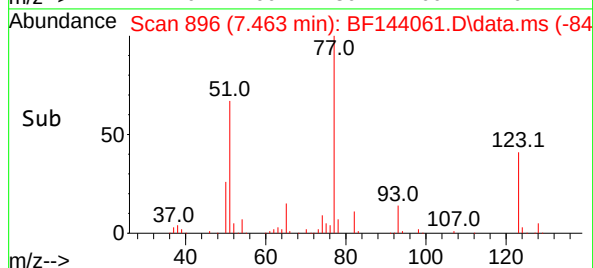
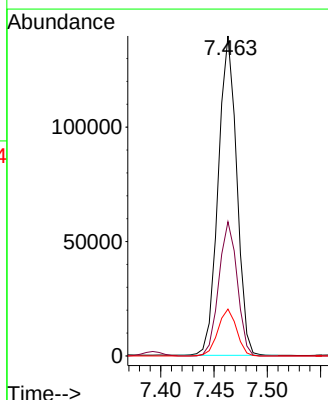
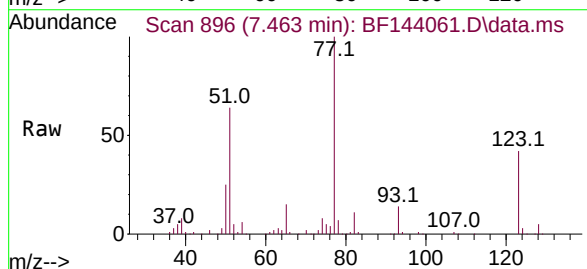
Delta R.T. 0.000 min

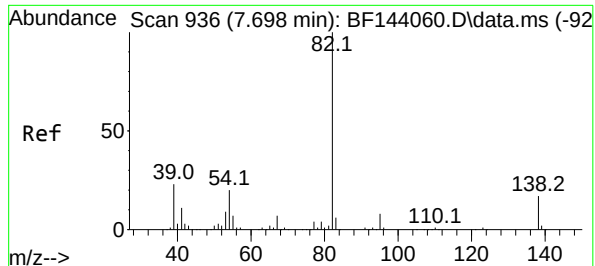
Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion: 77 Resp: 169181

Ion	Ratio	Lower	Upper
77	100		
123	41.9	35.0	52.6
65	14.6	12.2	18.2





#25

Isophorone

Concen: 45.788 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

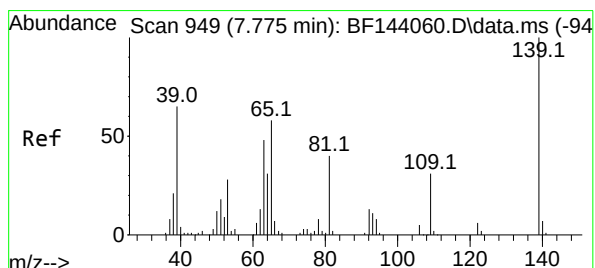
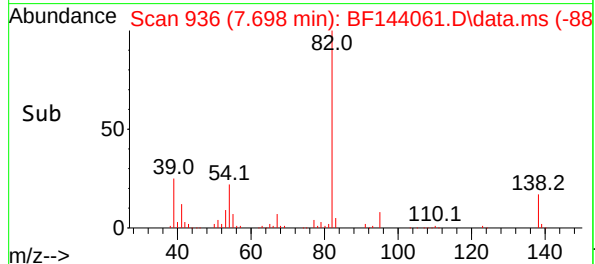
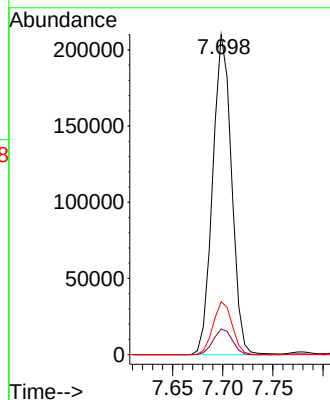
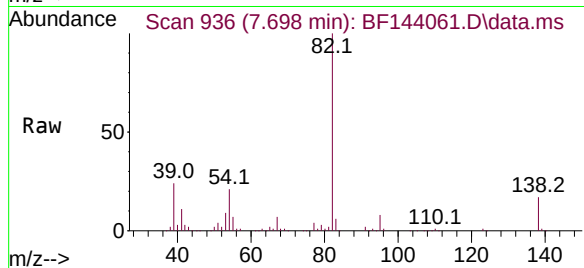
Tgt Ion: 82 Resp: 274478

Ion Ratio Lower Upper

82 100

95 8.0 6.6 9.8

138 16.5 13.8 20.8



#26

2-Nitrophenol

Concen: 45.330 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

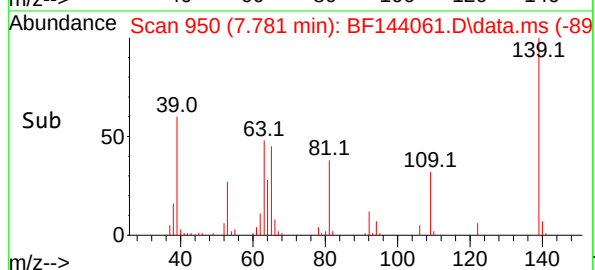
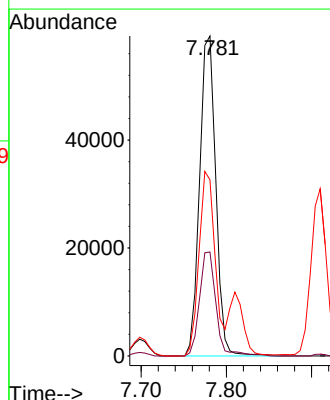
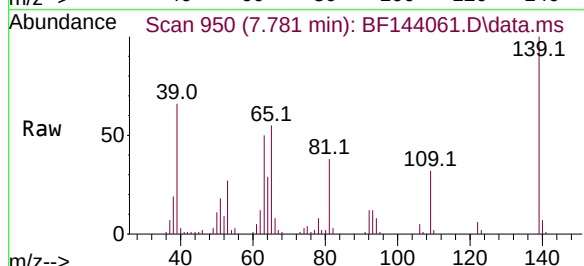
Tgt Ion: 139 Resp: 78217

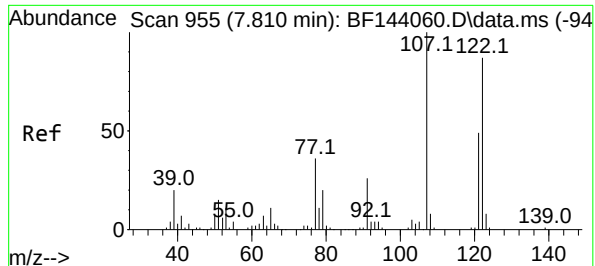
Ion Ratio Lower Upper

139 100

109 32.5 24.6 37.0

65 55.0 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 46.475 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

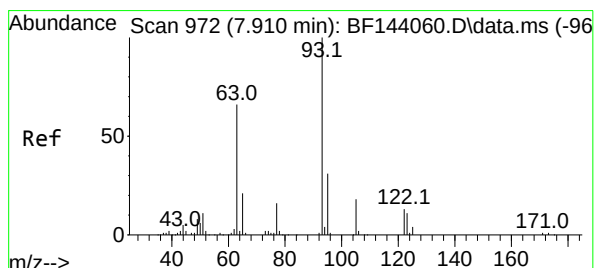
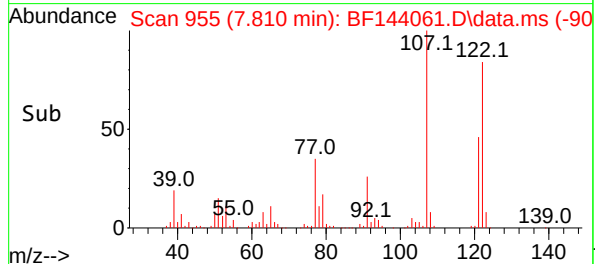
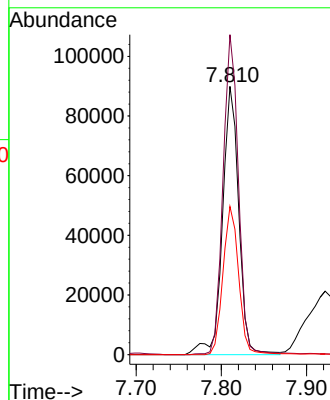
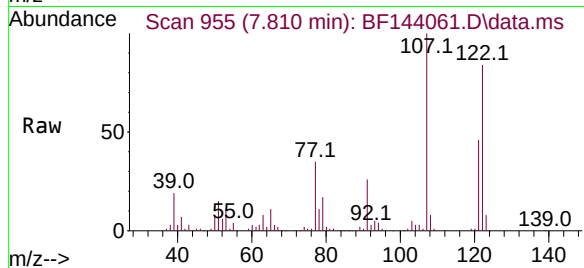
Tgt Ion:122 Resp: 119169

Ion Ratio Lower Upper

122 100

107 119.3 91.8 137.8

121 55.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.816 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

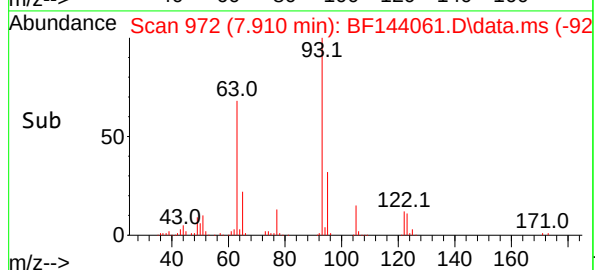
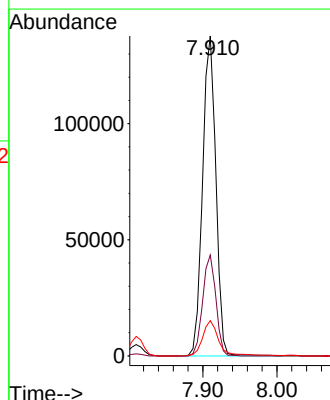
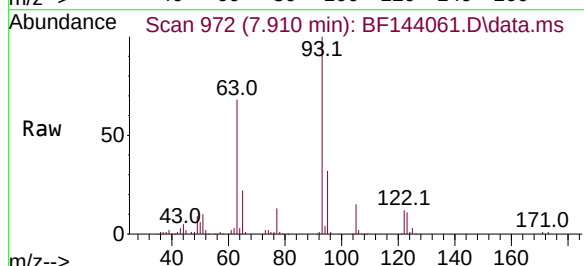
Tgt Ion: 93 Resp: 171275

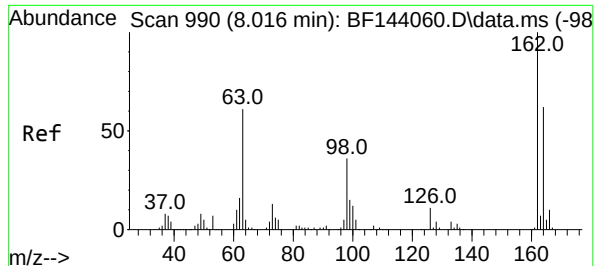
Ion Ratio Lower Upper

93 100

95 31.5 24.6 36.8

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.140 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

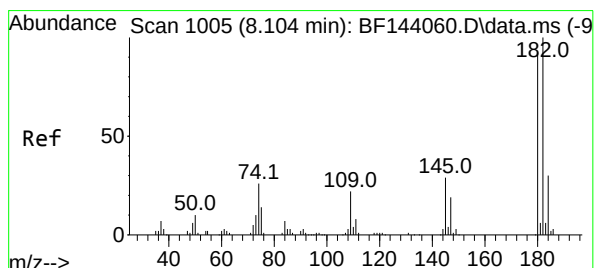
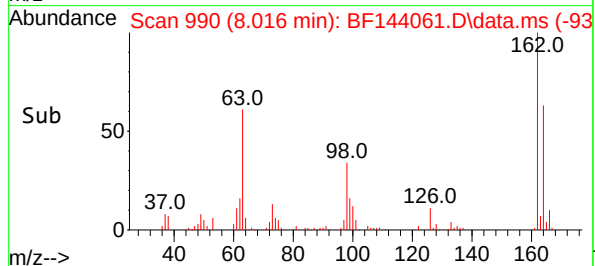
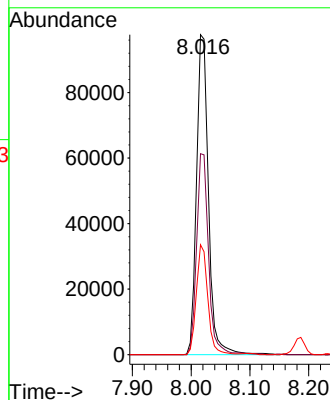
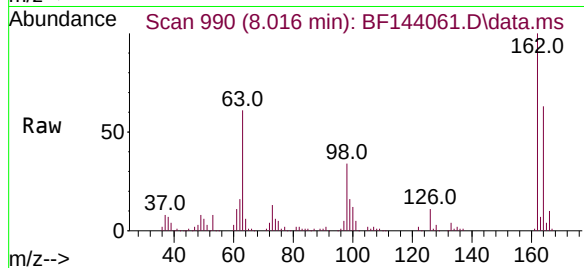
Tgt Ion:162 Resp: 137586

Ion Ratio Lower Upper

162 100

164 62.8 42.1 82.1

98 34.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 46.047 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

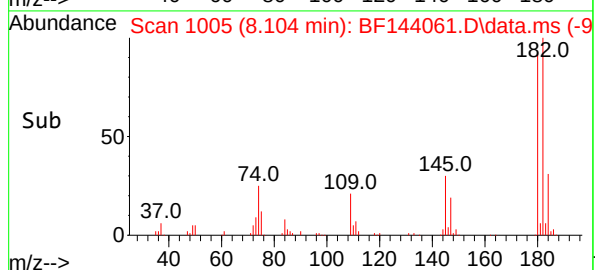
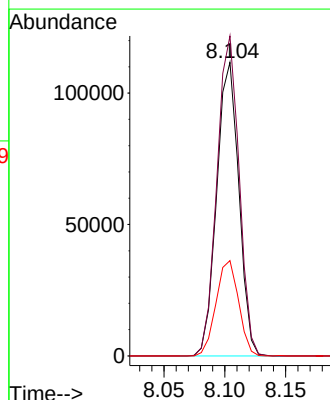
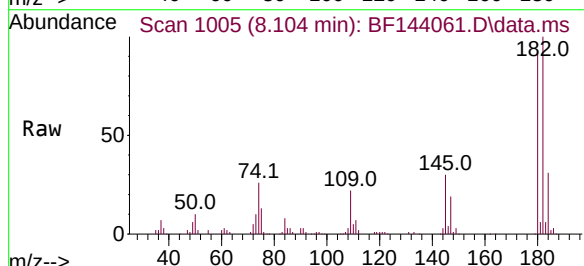
Tgt Ion:180 Resp: 141259

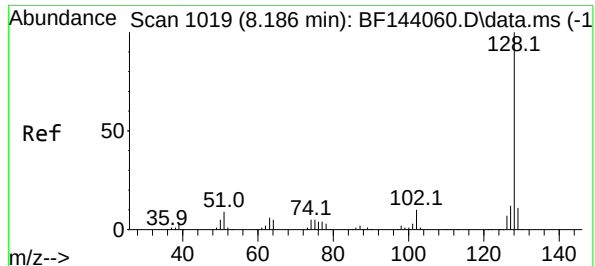
Ion Ratio Lower Upper

180 100

182 109.0 87.1 130.7

145 32.5 25.3 37.9





#31

Naphthalene

Concen: 45.150 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

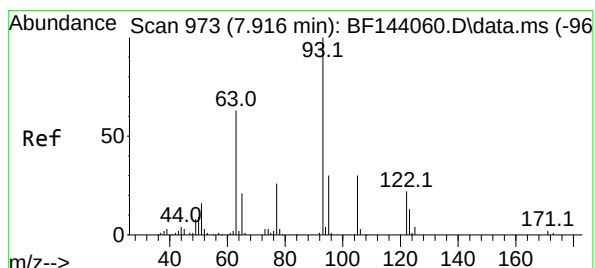
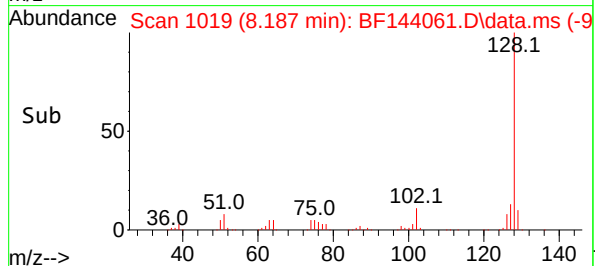
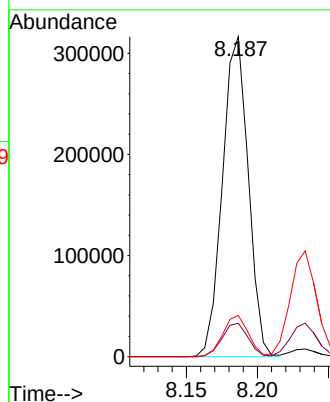
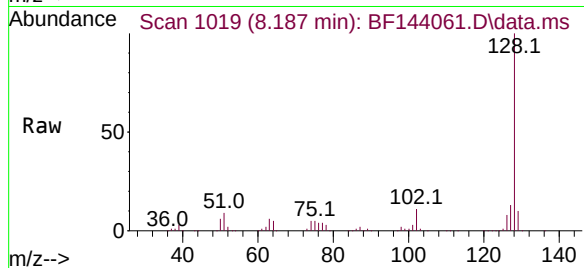
Tgt Ion:128 Resp: 400308

Ion Ratio Lower Upper

128 100

129 10.4 8.4 12.6

127 12.9 9.9 14.9



#32

Benzoic acid

Concen: 42.326 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

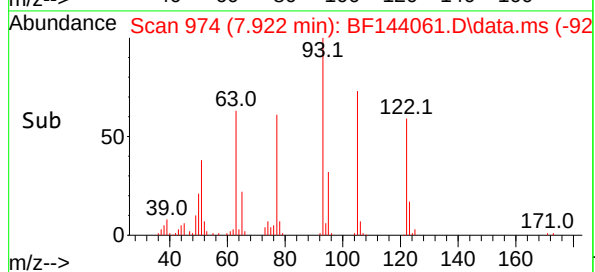
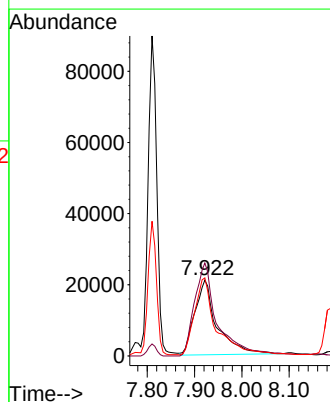
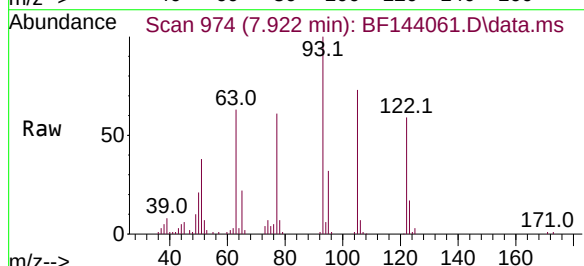
Tgt Ion:122 Resp: 68843

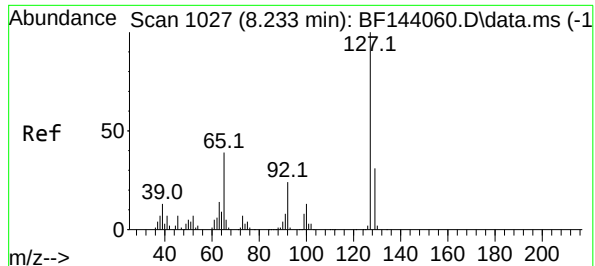
Ion Ratio Lower Upper

122 100

105 122.6 111.3 151.3

77 102.9 96.7 136.7





#33

4-Chloroaniline

Concen: 45.326 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 139897

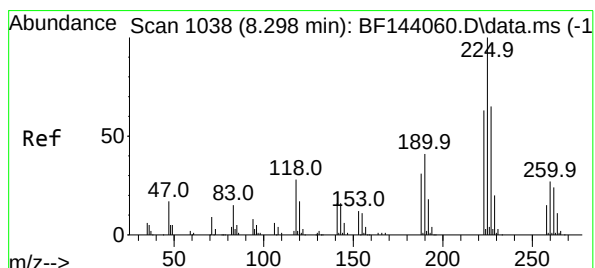
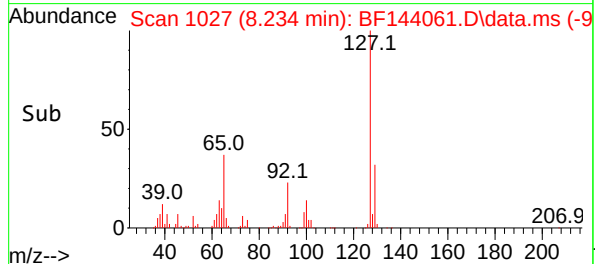
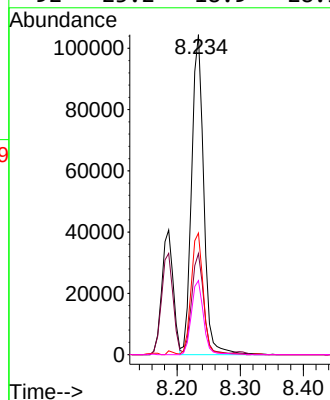
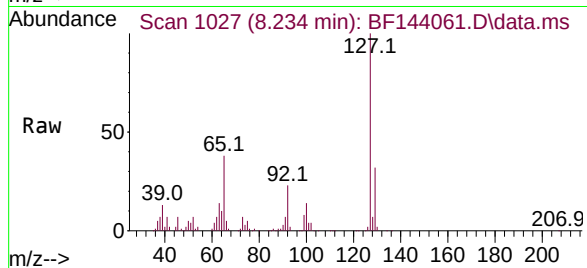
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 38.0 30.9 46.3

92 23.2 18.9 28.3



#34

Hexachlorobutadiene

Concen: 45.117 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

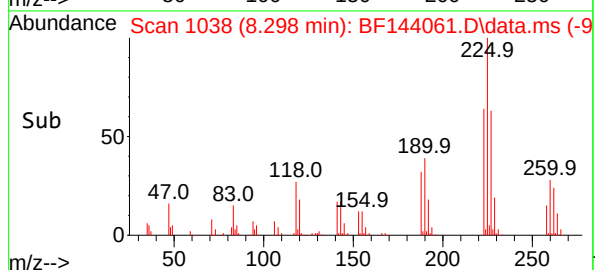
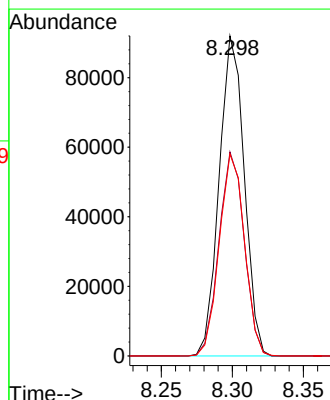
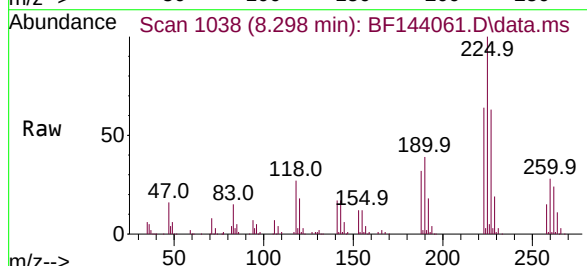
Tgt Ion:225 Resp: 113173

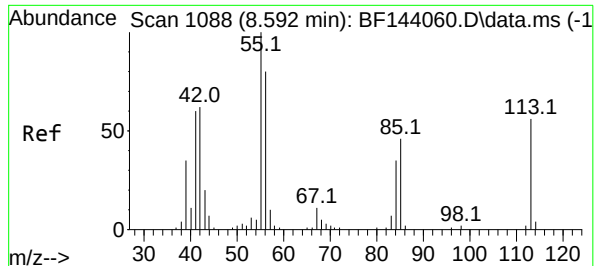
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 63.0 51.8 77.8





#35

Caprolactam

Concen: 45.169 ng

RT: 8.598 min Scan# 1088

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

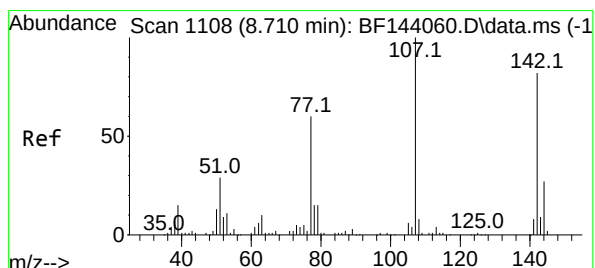
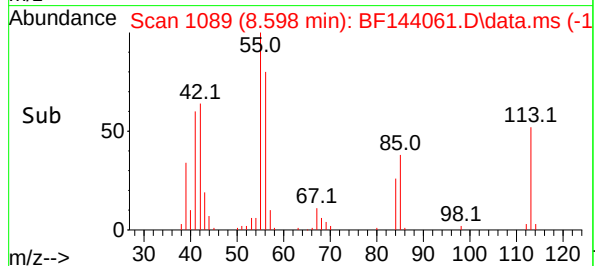
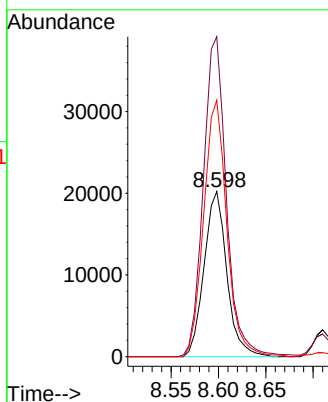
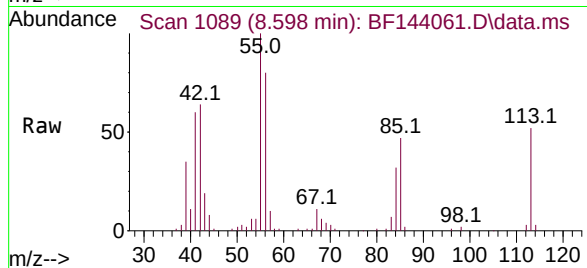
Tgt Ion:113 Resp: 33776

Ion Ratio Lower Upper

113 100

55 194.0 160.1 200.1

56 155.4 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 45.853 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

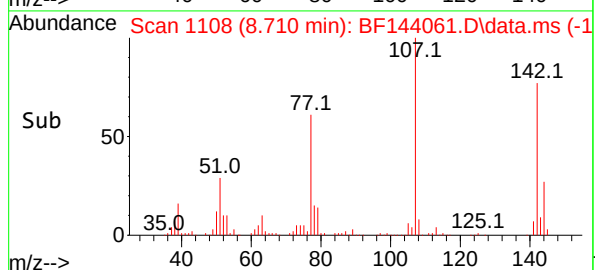
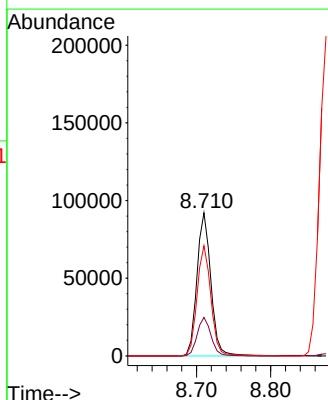
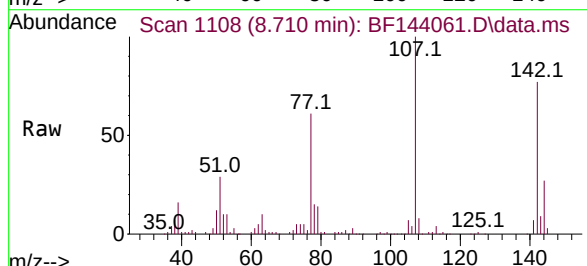
Tgt Ion:107 Resp: 120661

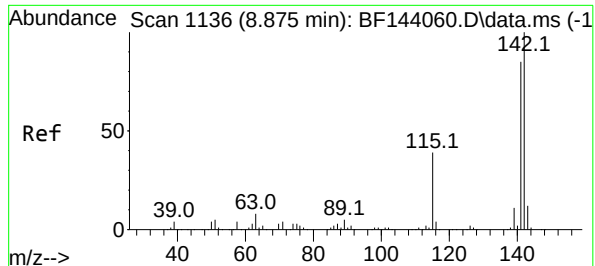
Ion Ratio Lower Upper

107 100

144 26.9 21.6 32.4

142 77.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 44.094 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

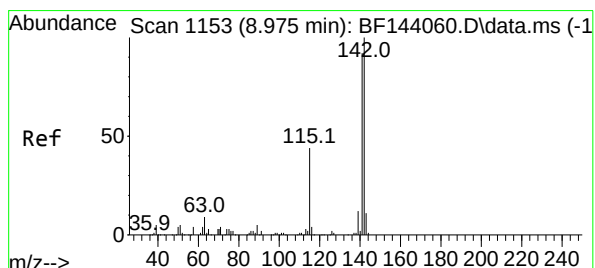
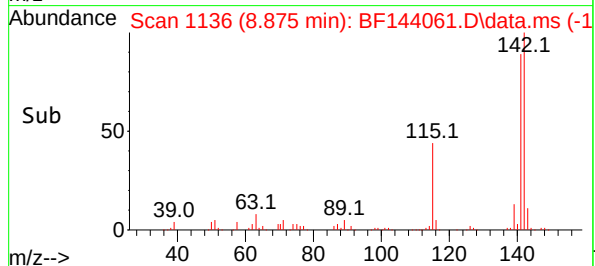
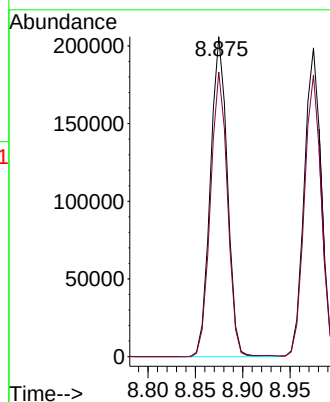
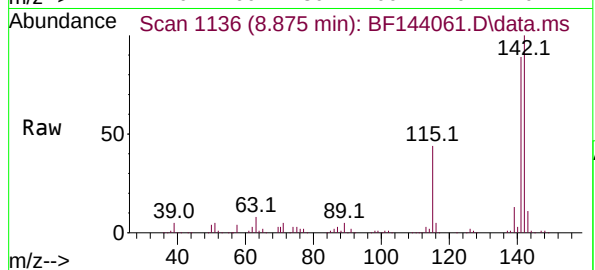
SSTDIC050

Tgt Ion:142 Resp: 257754

Ion Ratio Lower Upper

142 100

141 88.9 67.6 101.4



#38

1-Methylnaphthalene

Concen: 44.400 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144061.D

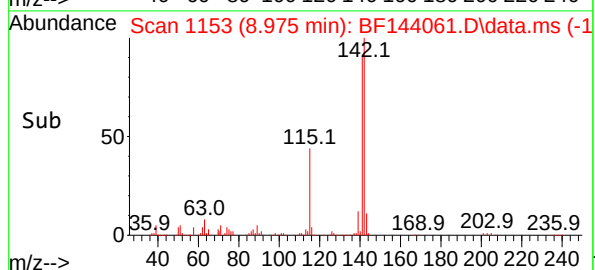
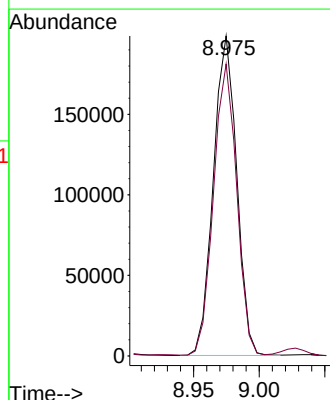
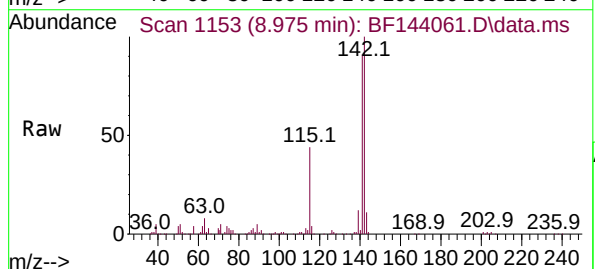
Acq: 24 Oct 2025 13:34

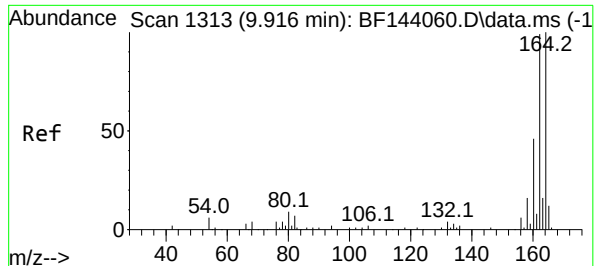
Tgt Ion:142 Resp: 245890

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

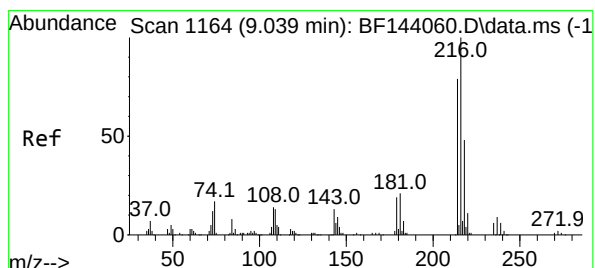
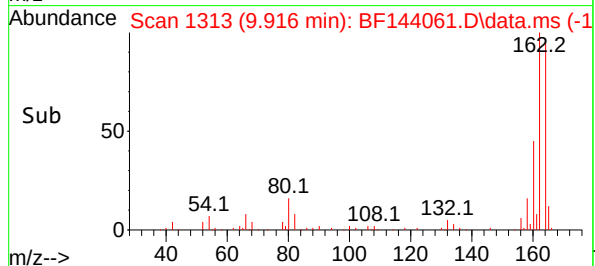
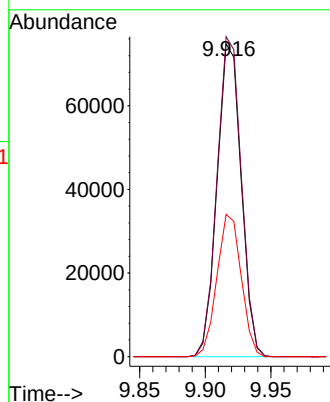
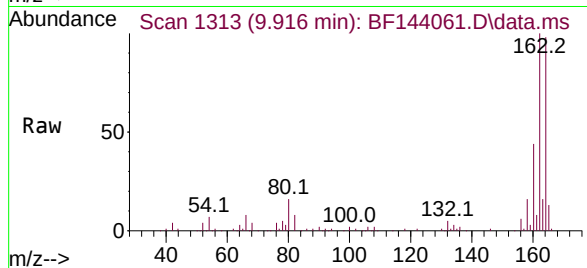
Tgt Ion:164 Resp: 95790

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.2

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.764 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:216 Resp: 150659

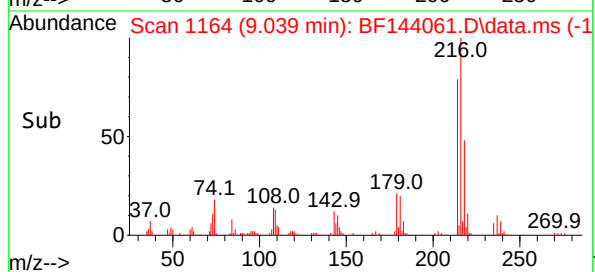
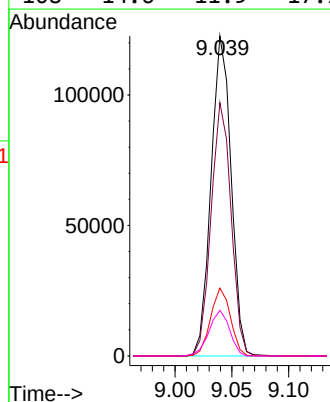
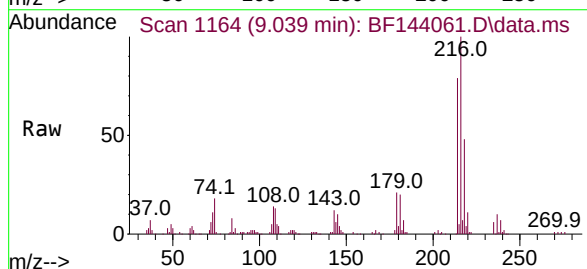
Ion Ratio Lower Upper

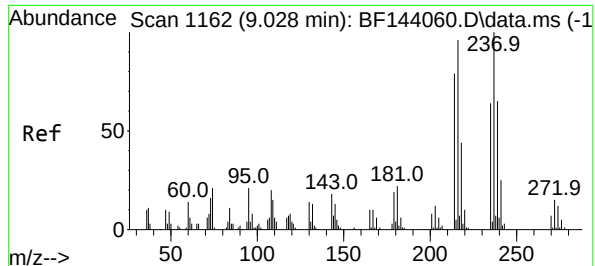
216 100

214 78.9 63.2 94.8

179 20.9 15.2 22.8

108 14.6 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 48.354 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

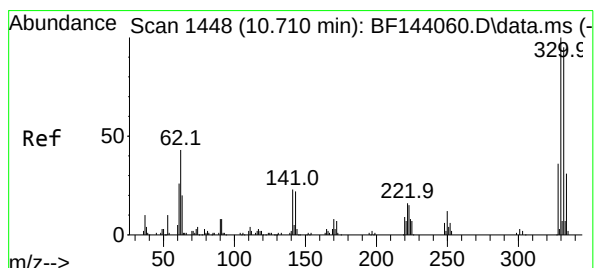
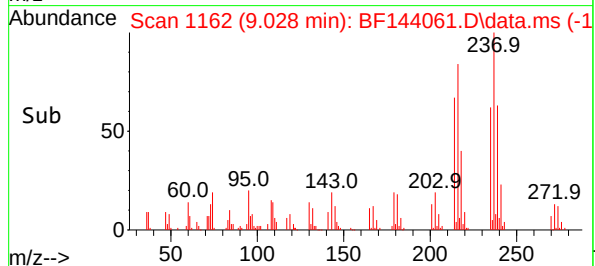
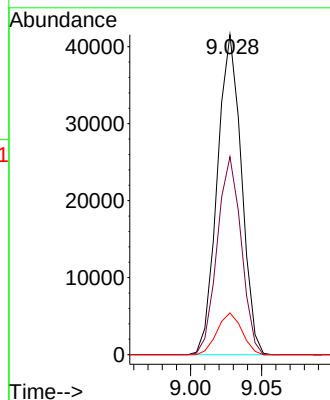
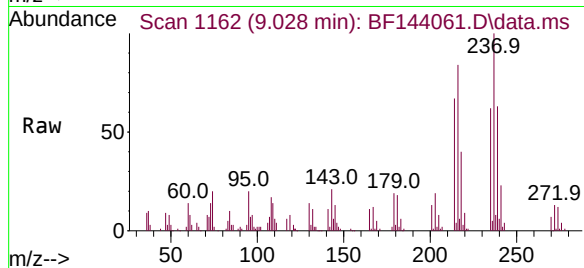
Tgt Ion: 237 Resp: 49167

Ion Ratio Lower Upper

237 100

235 61.8 44.3 84.3

272 13.0 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 94.659 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

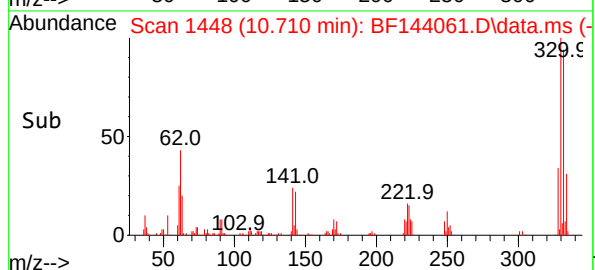
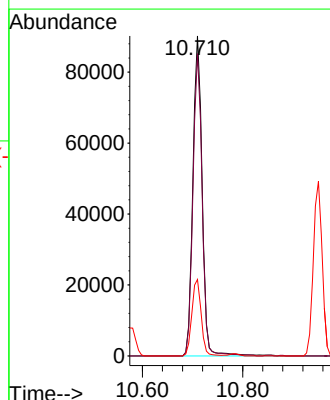
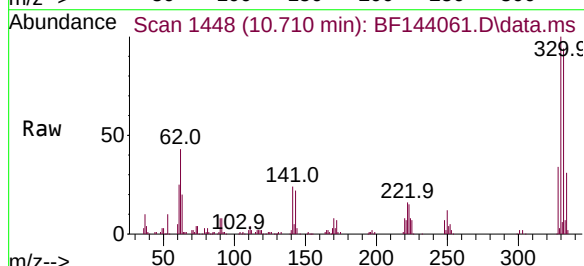
Tgt Ion: 330 Resp: 115501

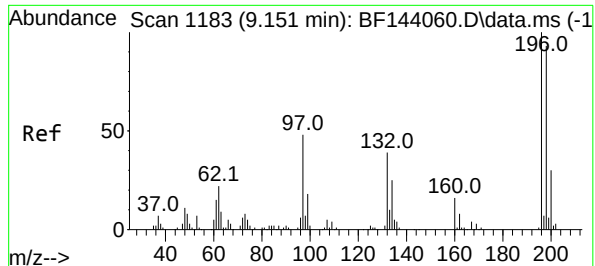
Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 47.829 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144061.D

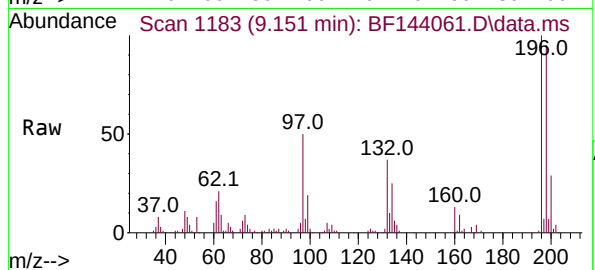
Acq: 24 Oct 2025 13:34

Instrument :

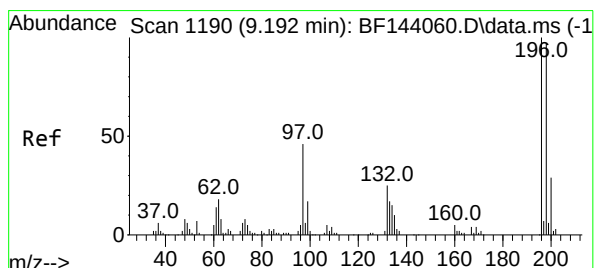
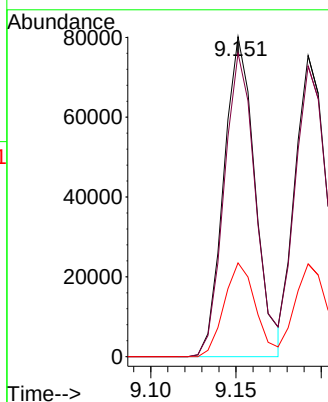
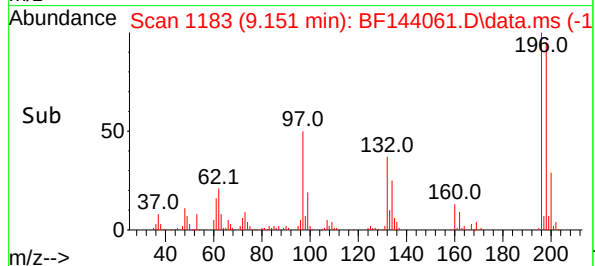
BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196	Resp: 102347
Ion Ratio	Lower Upper
196	100
198	94.8 74.4 111.6
200	29.3 23.8 35.8



#44

2,4,5-Trichlorophenol

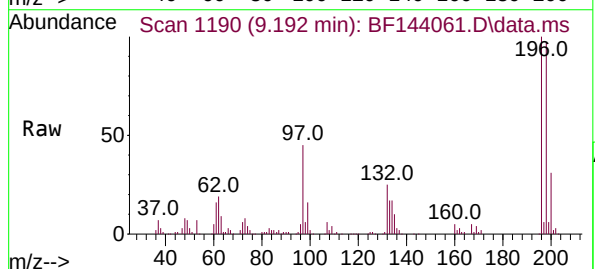
Concen: 45.562 ng

RT: 9.192 min Scan# 1190

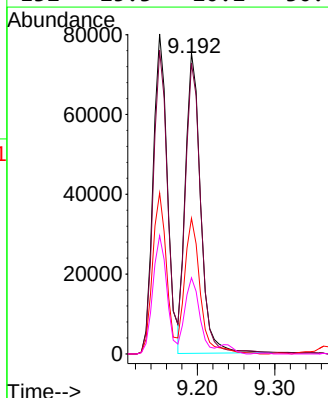
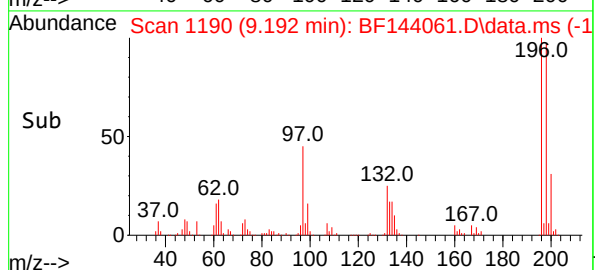
Delta R.T. 0.000 min

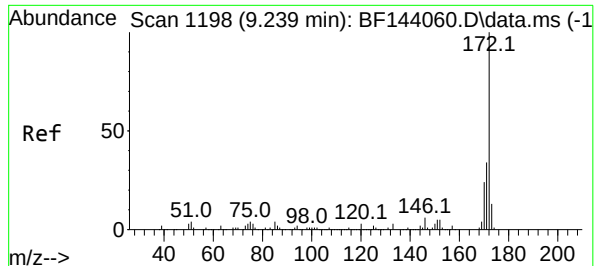
Lab File: BF144061.D

Acq: 24 Oct 2025 13:34



Tgt Ion:196	Resp: 102322
Ion Ratio	Lower Upper
196	100
198	96.6 78.0 117.0
97	45.1 37.7 56.5
132	25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.861 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

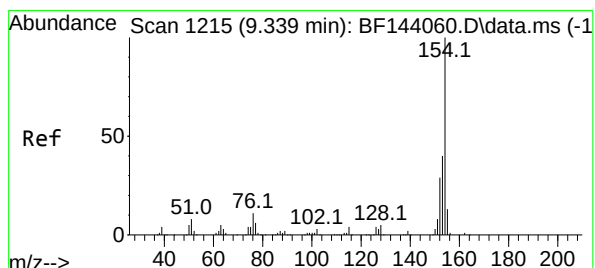
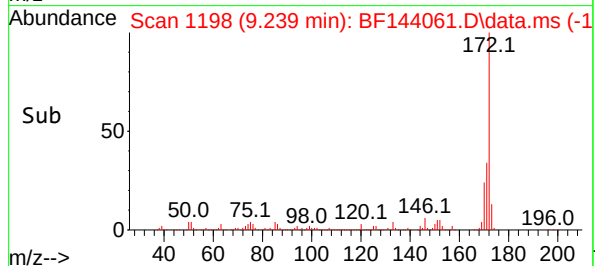
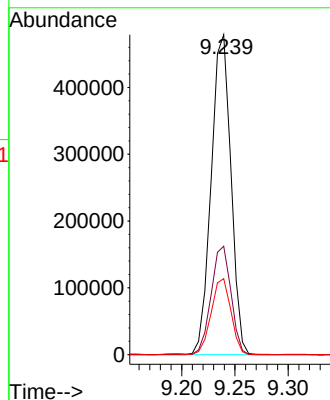
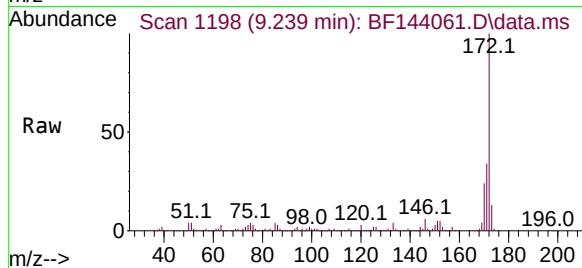
Tgt Ion:172 Resp: 618497

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.996 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

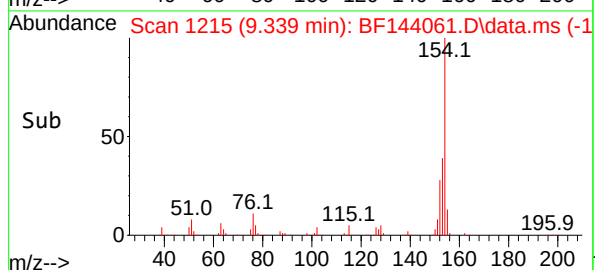
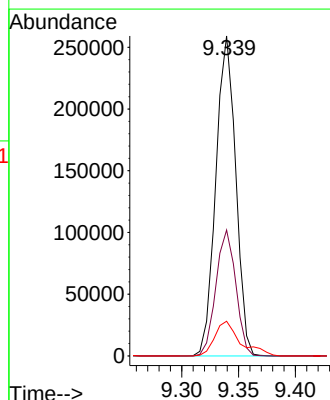
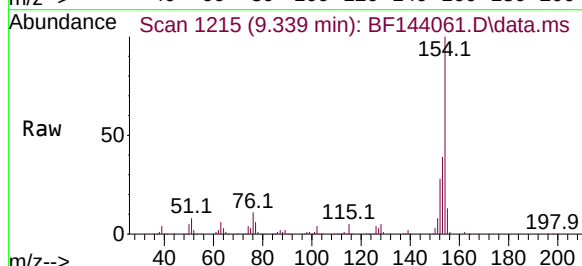
Tgt Ion:154 Resp: 315397

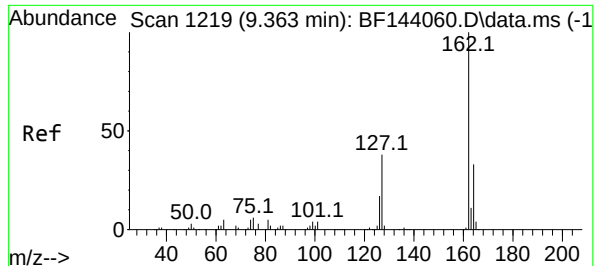
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.914 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

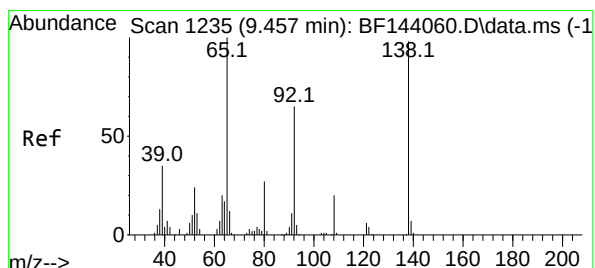
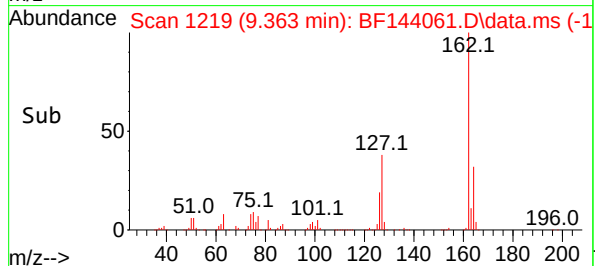
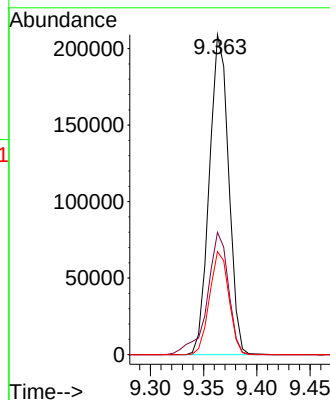
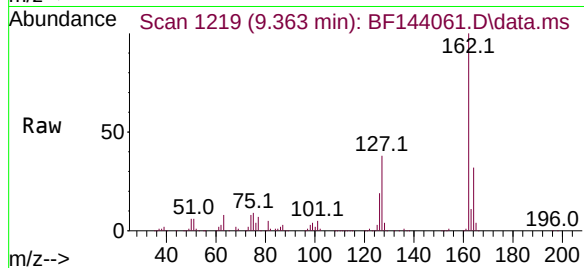
Tgt Ion:162 Resp: 263764

Ion Ratio Lower Upper

162 100

127 38.2 31.6 47.4

164 32.2 26.5 39.7



#48

2-Nitroaniline

Concen: 46.691 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

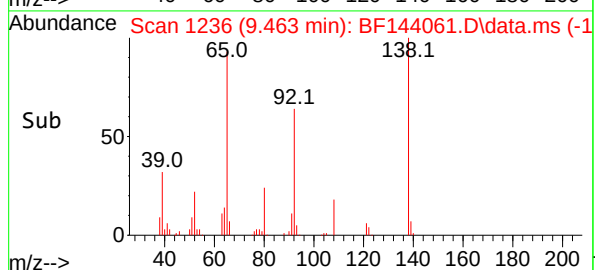
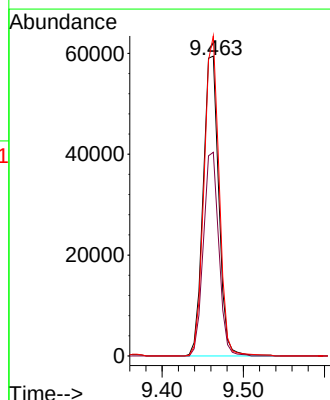
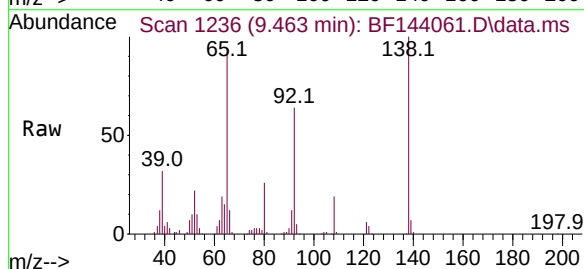
Tgt Ion: 65 Resp: 79650

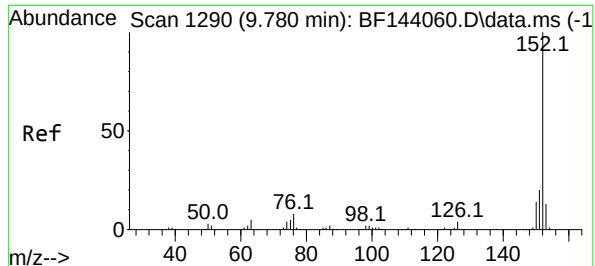
Ion Ratio Lower Upper

65 100

92 67.9 52.3 78.5

138 106.7 78.3 117.5





#49

Acenaphthylene

Concen: 45.641 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

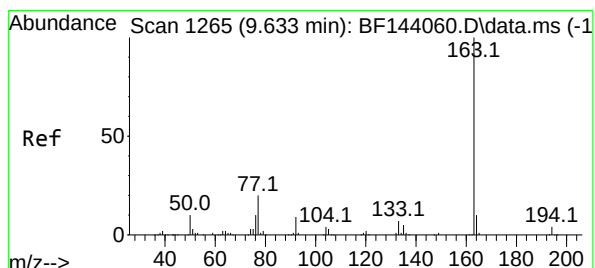
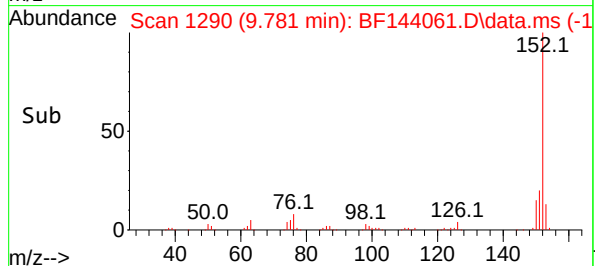
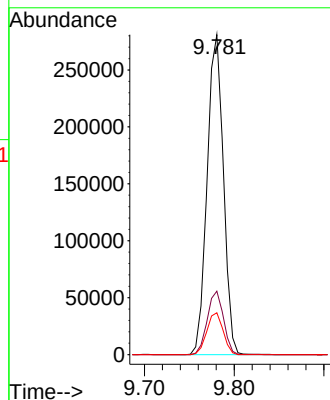
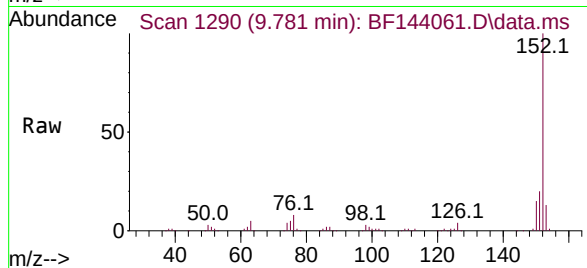
Tgt Ion:152 Resp: 353529

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 46.495 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

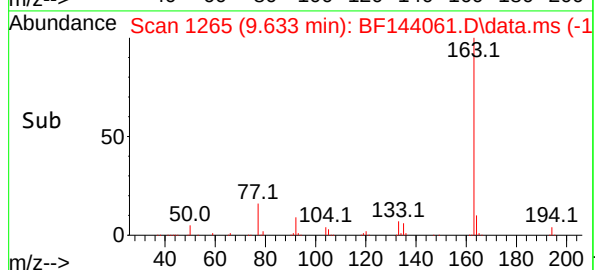
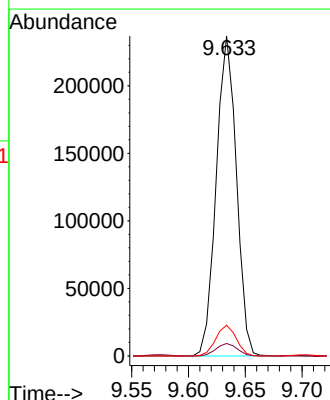
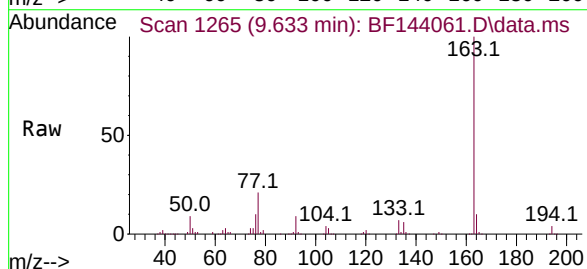
Tgt Ion:163 Resp: 291936

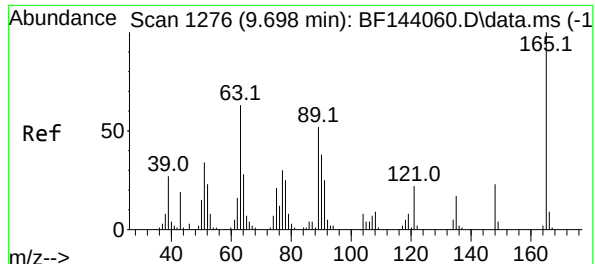
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.6 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 48.590 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

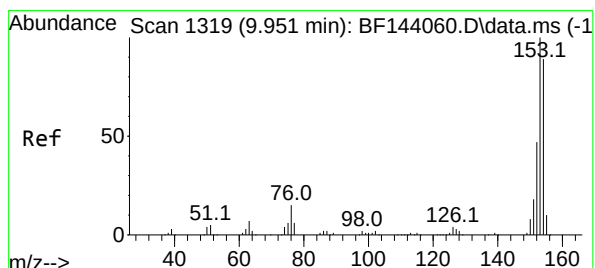
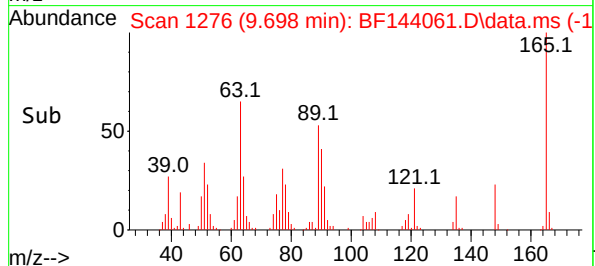
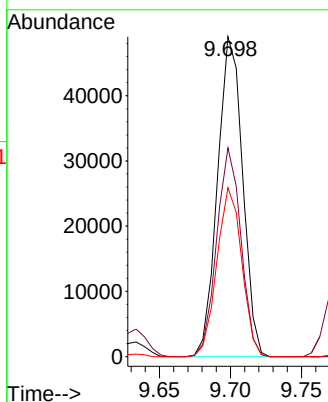
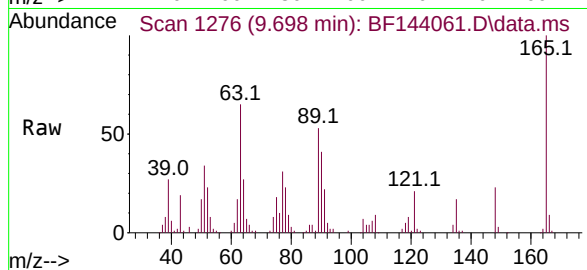
Tgt Ion:165 Resp: 60313

Ion Ratio Lower Upper

165 100

63 65.2 50.4 75.6

89 52.8 41.4 62.2



#52

Acenaphthene

Concen: 46.250 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

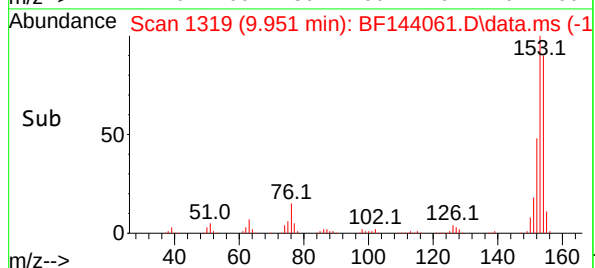
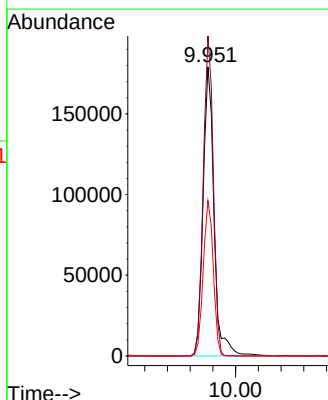
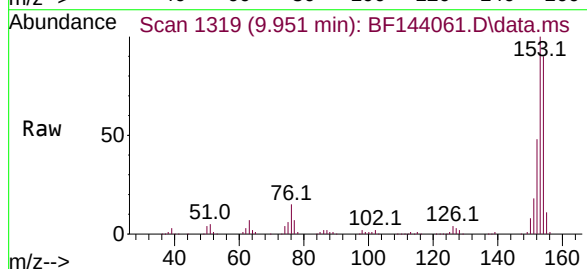
Tgt Ion:154 Resp: 239254

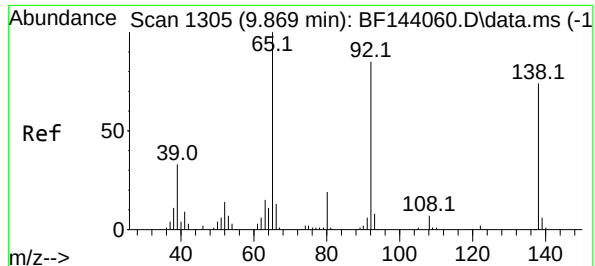
Ion Ratio Lower Upper

154 100

153 110.7 89.9 134.9

152 53.7 42.0 63.0

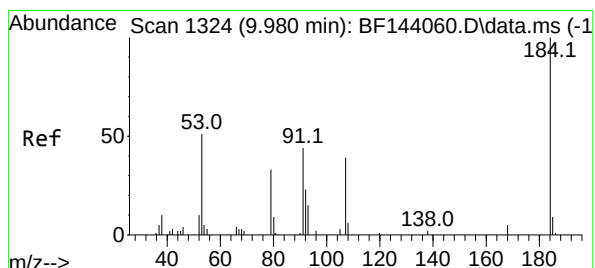
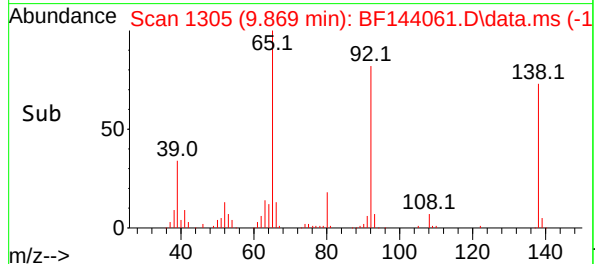
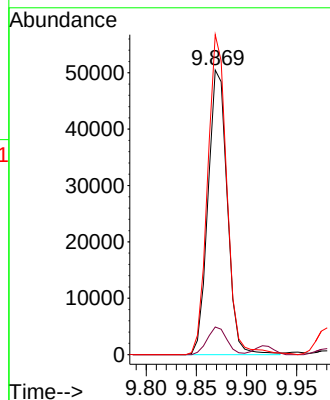
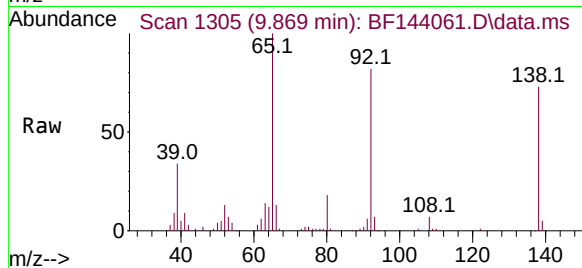




#53
3-Nitroaniline
Concen: 48.727 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

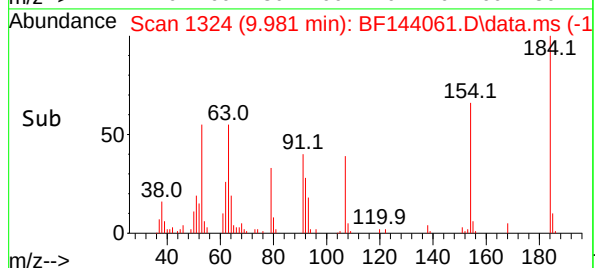
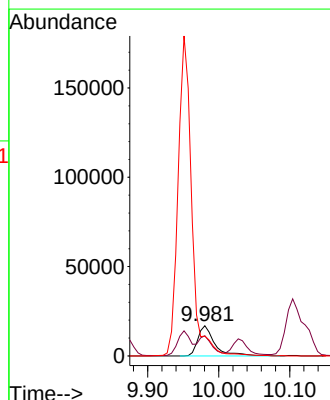
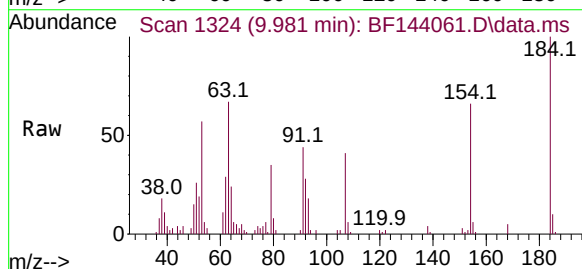
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

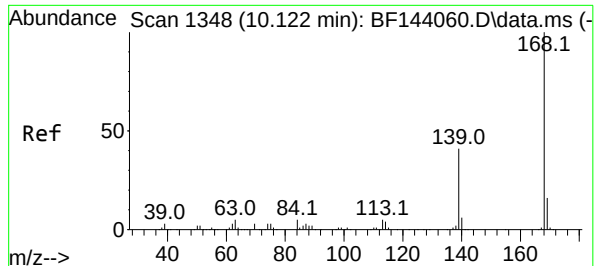
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	112.5	92.0	138.0



#54
2,4-Dinitrophenol
Concen: 41.328 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	52.1	78.1
154	66.0	47.9	71.9





#55

Dibenzenofuran

Concen: 46.390 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

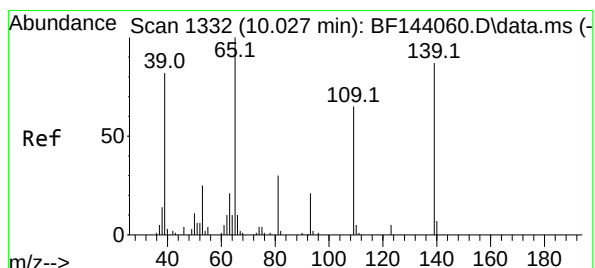
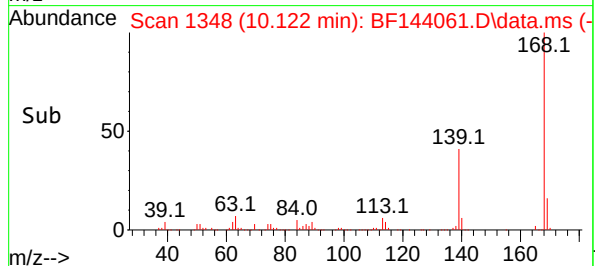
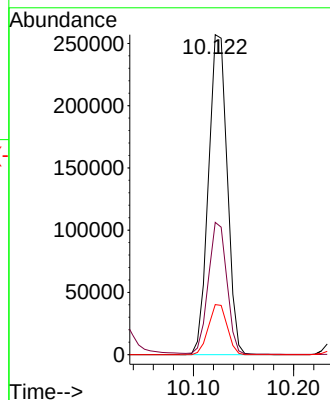
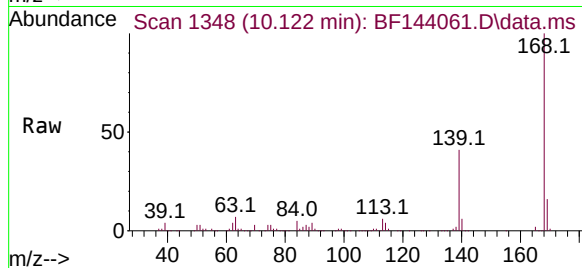
Tgt Ion:168 Resp: 333154

Ion Ratio Lower Upper

168 100

139 41.3 33.2 49.8

169 15.6 12.6 19.0



#56

4-Nitrophenol

Concen: 44.760 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

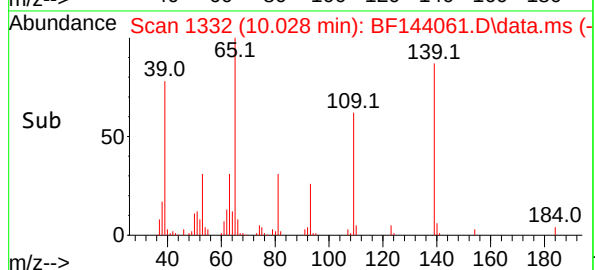
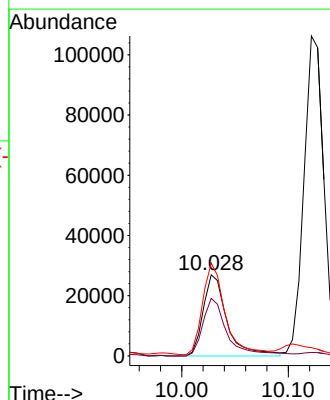
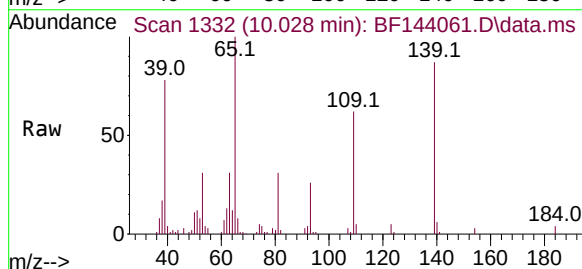
Tgt Ion:139 Resp: 41829

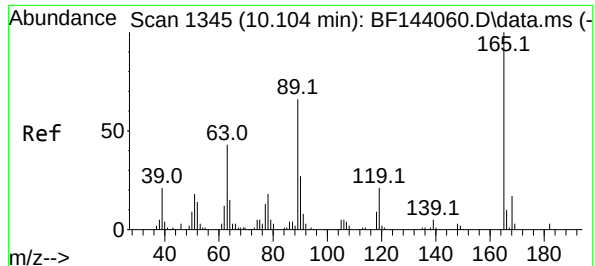
Ion Ratio Lower Upper

139 100

109 71.1 53.8 93.8

65 114.7 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 48.075 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 80539

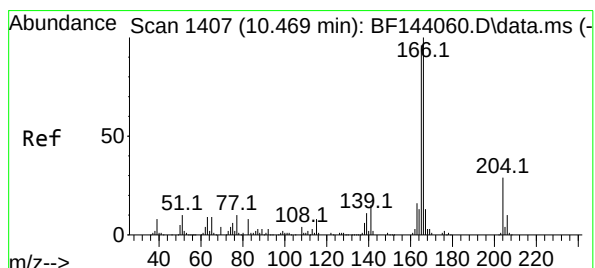
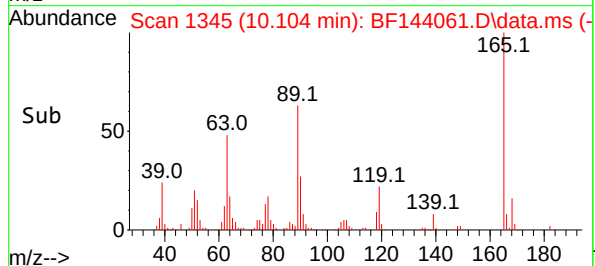
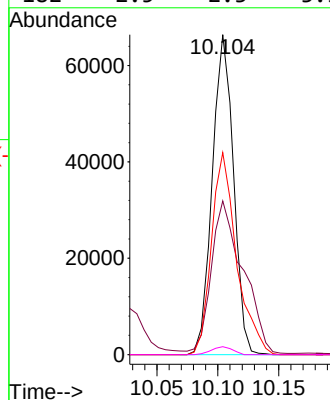
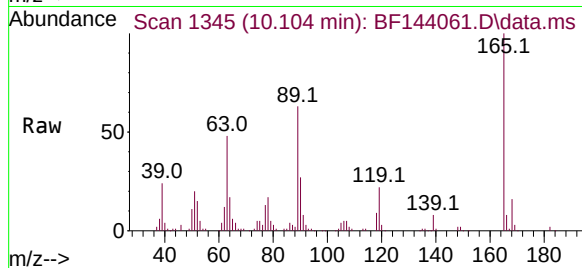
Ion Ratio Lower Upper

165 100

63 48.0 35.4 53.2

89 63.1 52.7 79.1

182 2.5 2.3 3.5



#58

Fluorene

Concen: 45.558 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

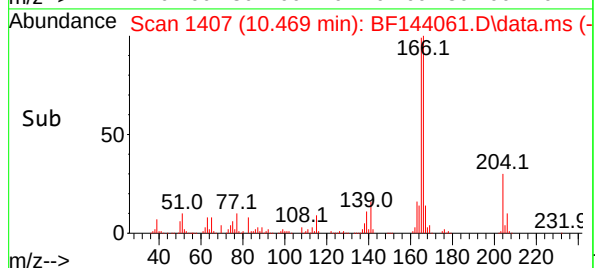
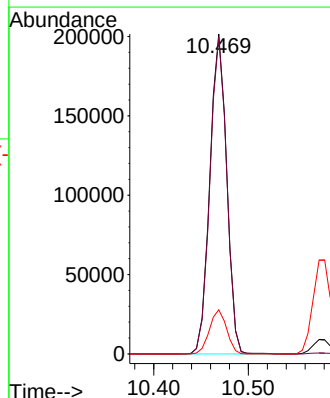
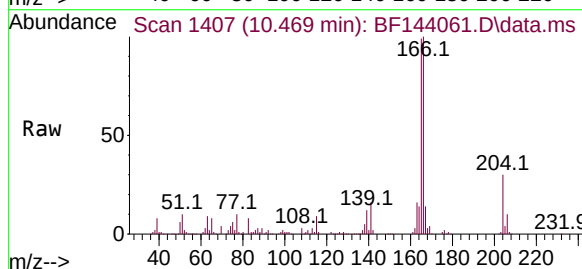
Tgt Ion:166 Resp: 249298

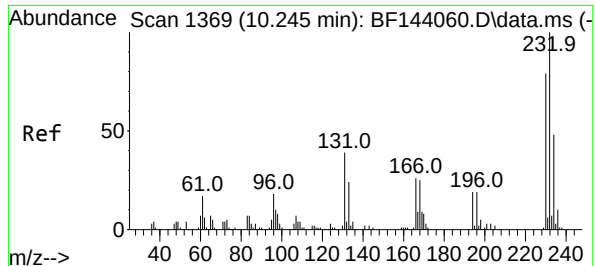
Ion Ratio Lower Upper

166 100

165 99.0 77.0 115.4

167 13.8 10.2 15.4

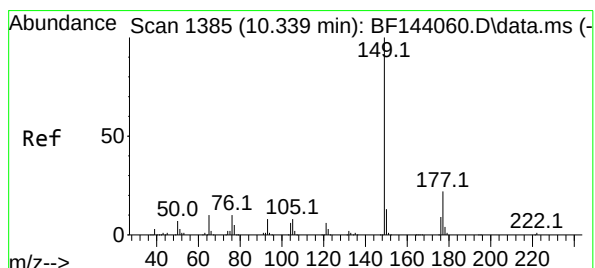
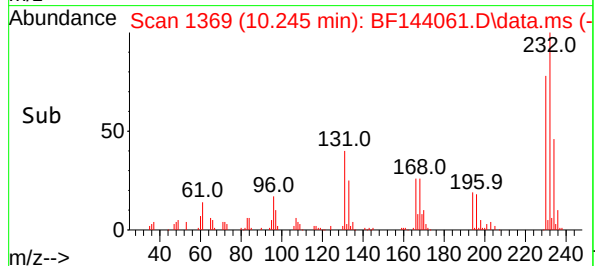
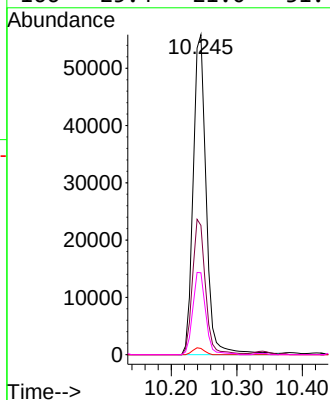
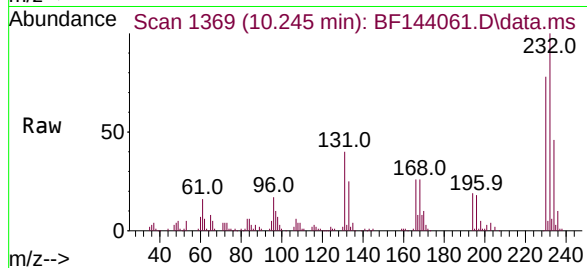




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.766 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

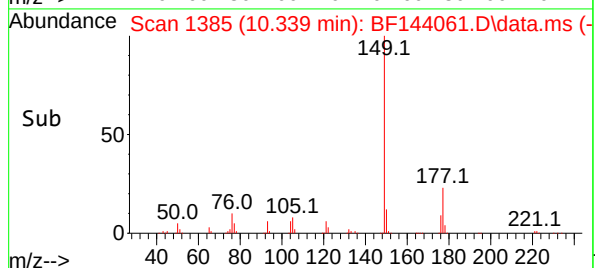
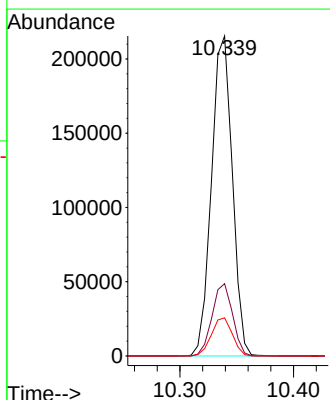
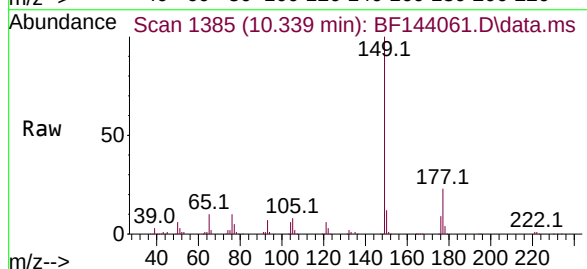
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

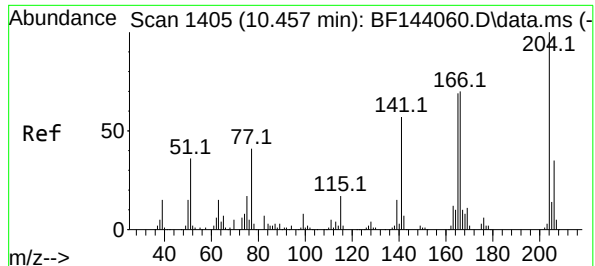
Tgt Ion:232 Resp: 77175
Ion Ratio Lower Upper
232 100
131 42.1 31.9 47.9
130 1.9 1.1 1.7#
166 25.4 21.0 31.4



#60
Diethylphthalate
Concen: 46.451 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 274281
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 11.9 10.1 15.1

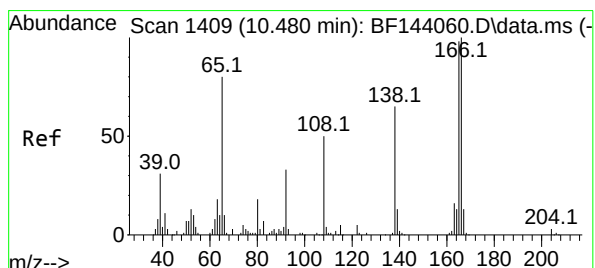
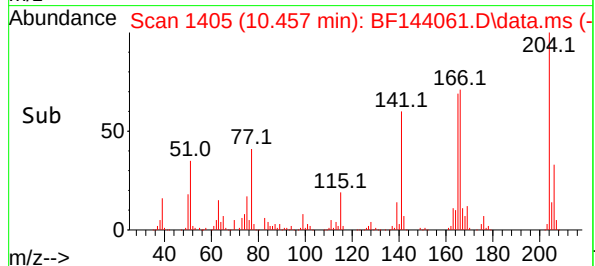
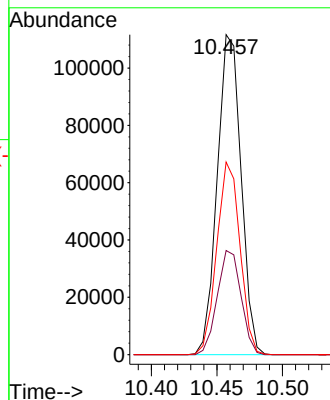
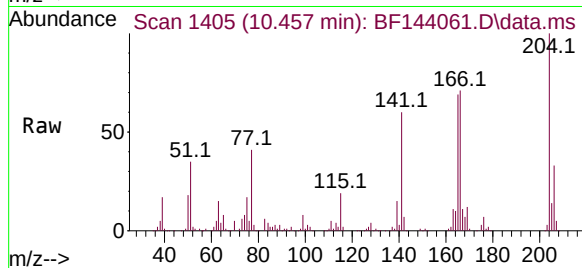




#61
4-Chlorophenyl-phenylether
Concen: 46.015 ng
RT: 10.457 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

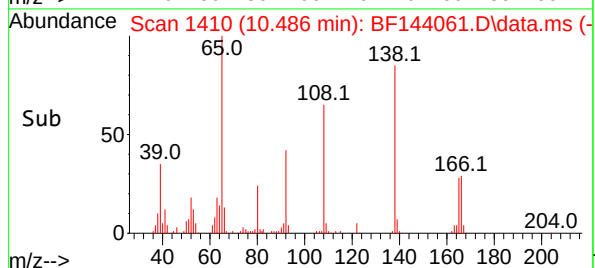
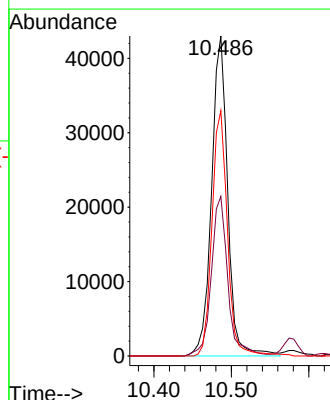
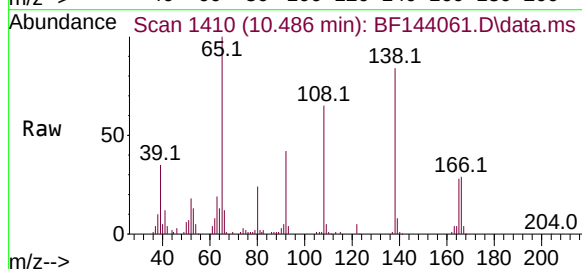
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

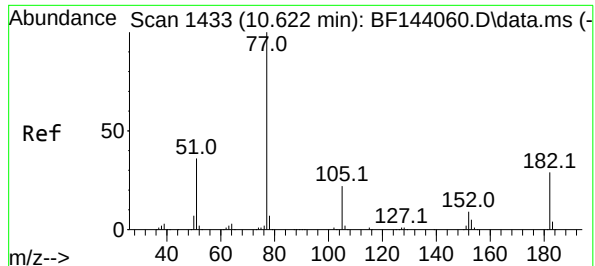
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.8	41.6
141	60.2	45.4	68.2



#62
4-Nitroaniline
Concen: 47.618 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.5	70.5
108	76.6	56.2	96.2

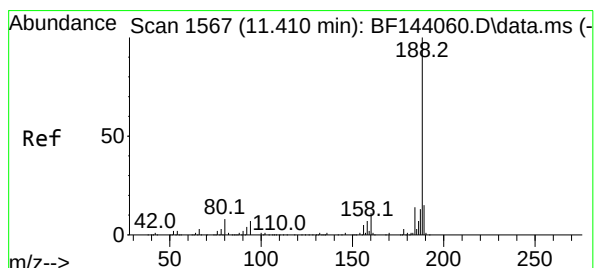
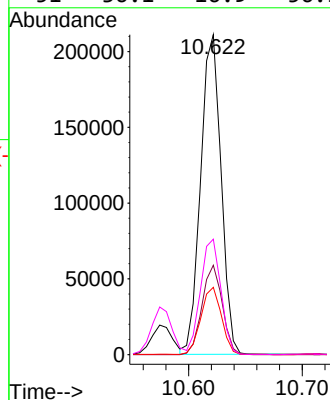
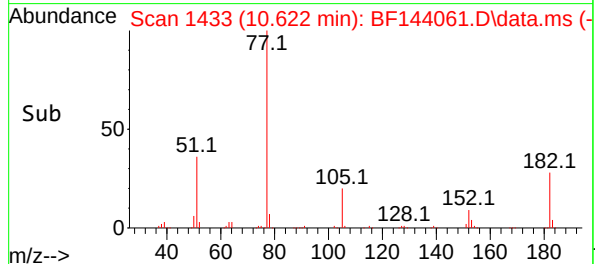
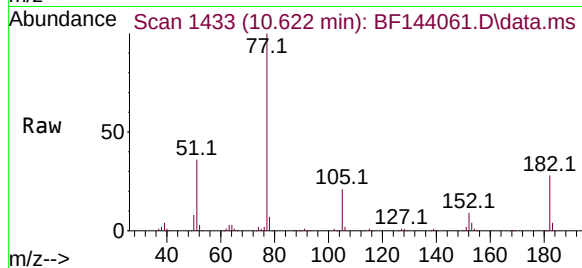




#63
Azobenzene
Concen: 47.243 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

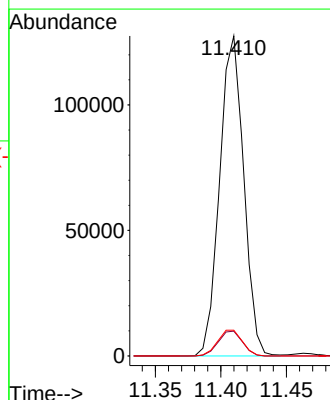
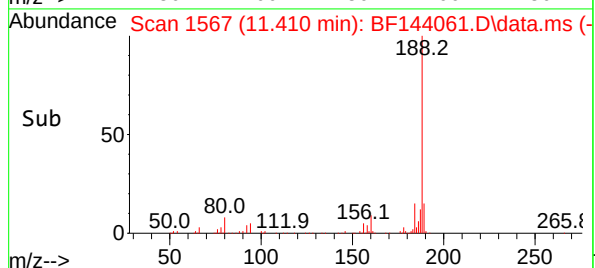
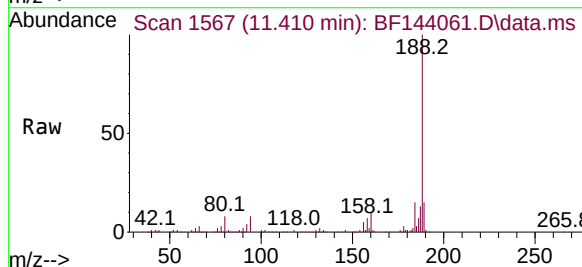
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

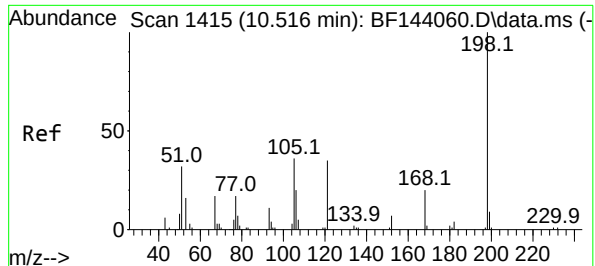
Tgt Ion: 77	Resp: 264030
Ion Ratio	Lower Upper
77 100	
182 27.9	9.0 49.0
105 21.0	1.4 41.4
51 36.1	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 188	Resp: 163068
Ion Ratio	Lower Upper
188 100	
94 7.7	5.4 8.0
80 8.0	6.0 9.0

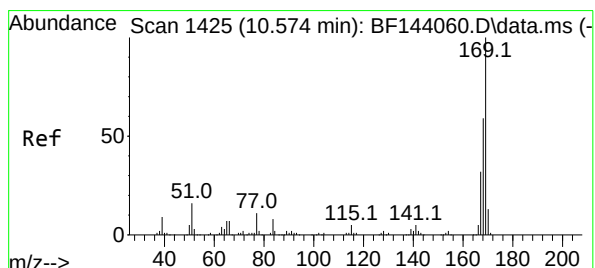
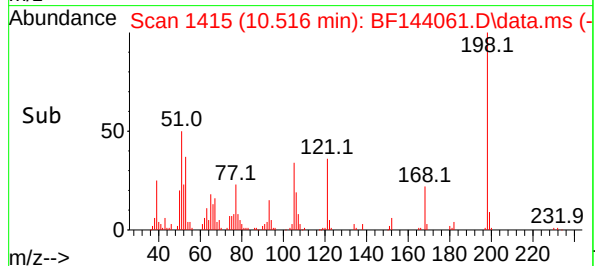
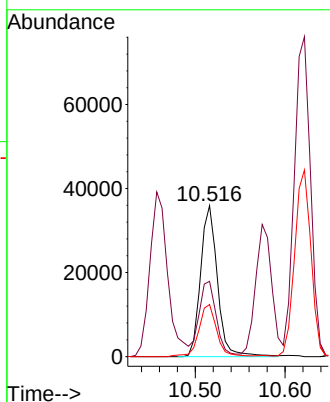
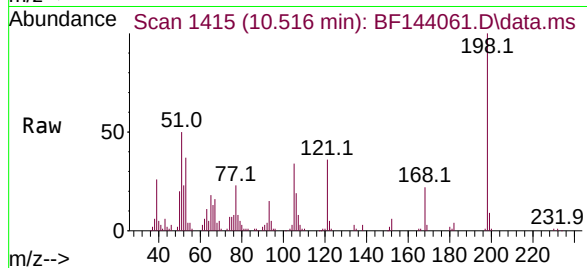




#65
4,6-Dinitro-2-methylphenol
Concen: 44.864 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

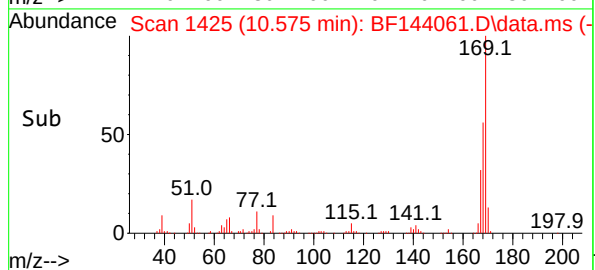
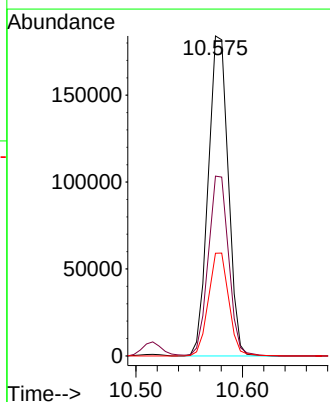
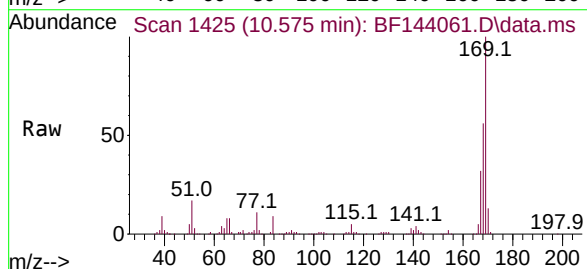
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

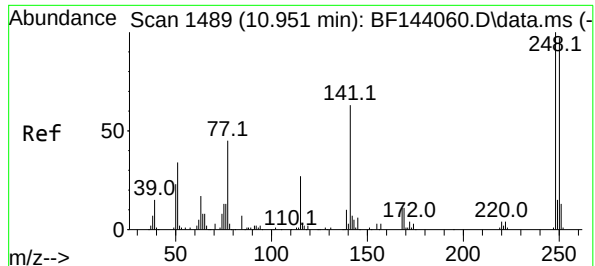
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.8	25.8	65.8
105	34.5	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 46.171 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.2	47.4	71.2
167	32.1	25.5	38.3

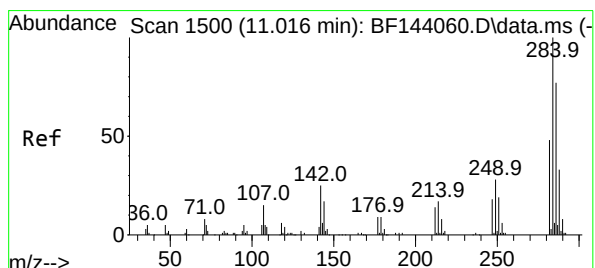
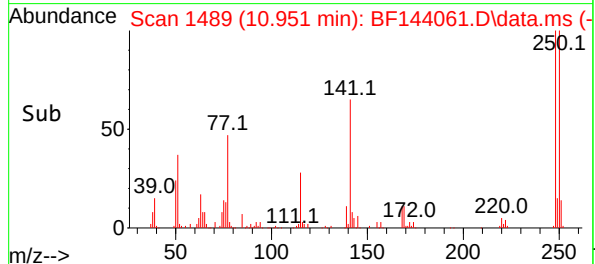
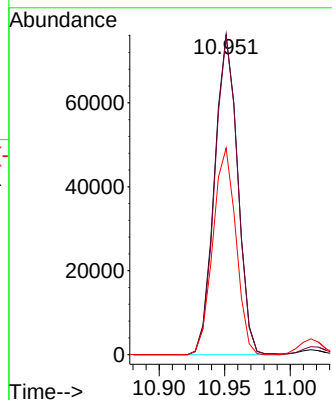
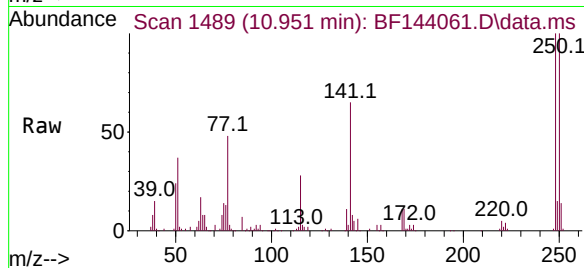




#67
4-Bromophenyl-phenylether
Concen: 45.996 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

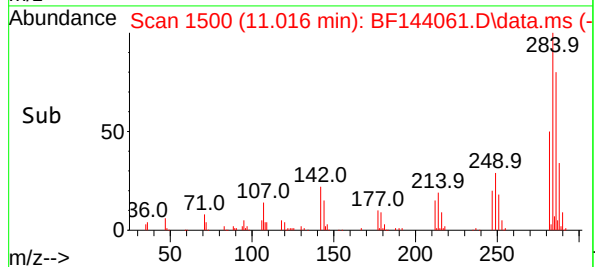
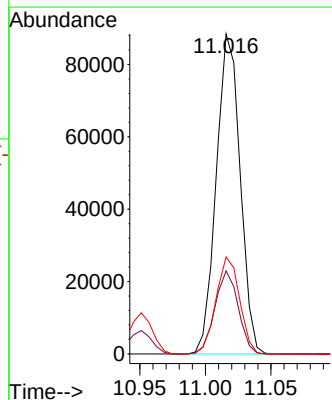
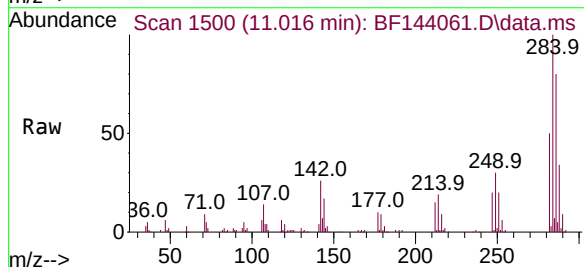
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

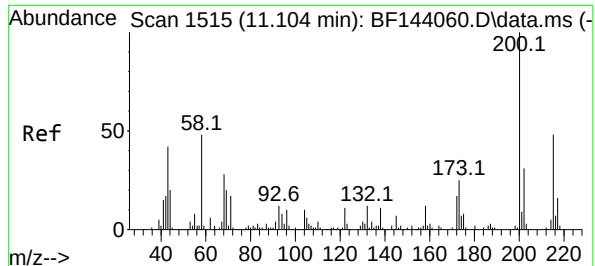
Tgt Ion:248 Resp: 93911
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 64.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 44.706 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:284 Resp: 111943
Ion Ratio Lower Upper
284 100
142 25.9 20.0 30.0
249 30.3 22.2 33.2





#69

Atrazine

Concen: 44.162 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

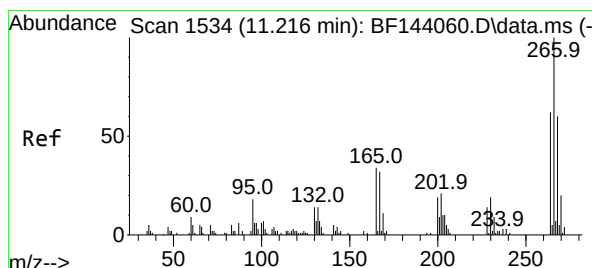
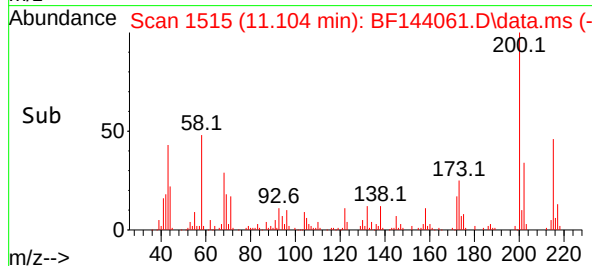
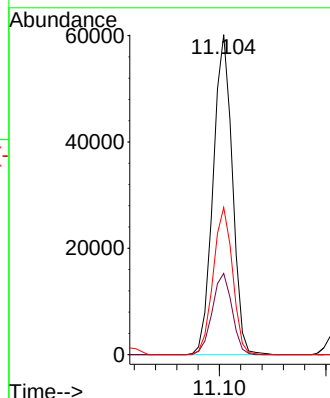
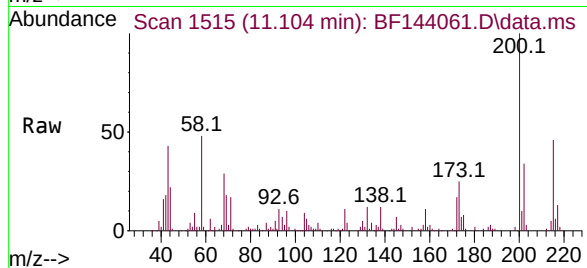
Tgt Ion:200 Resp: 75502

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 46.0 28.2 68.2



#70

Pentachlorophenol

Concen: 48.981 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

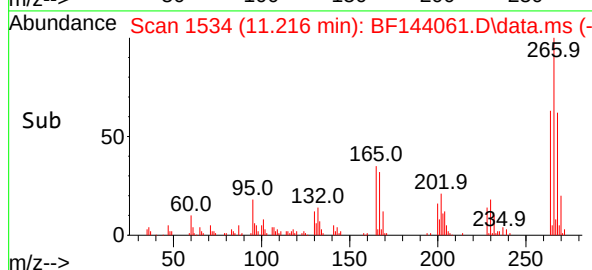
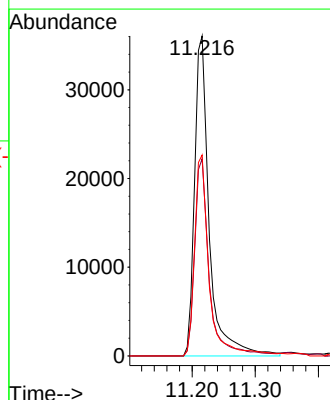
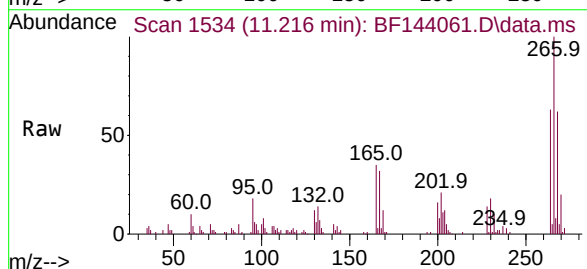
Tgt Ion:266 Resp: 58380

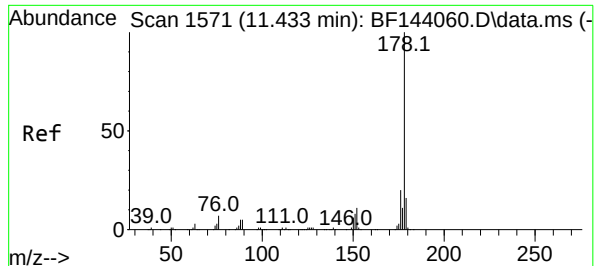
Ion Ratio Lower Upper

266 100

268 61.6 48.2 72.4

264 62.8 49.4 74.0

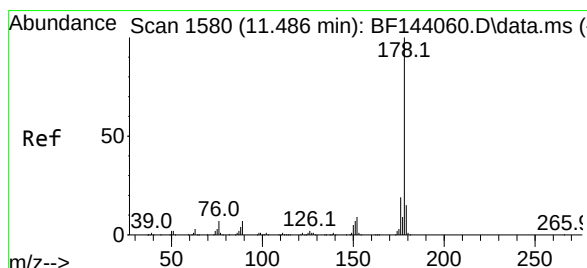
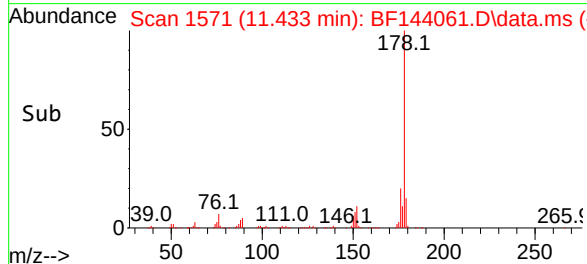
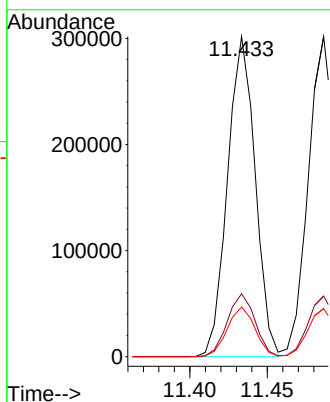
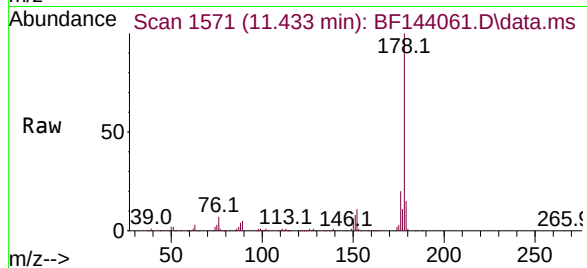




#71
Phenanthrene
Concen: 46.205 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

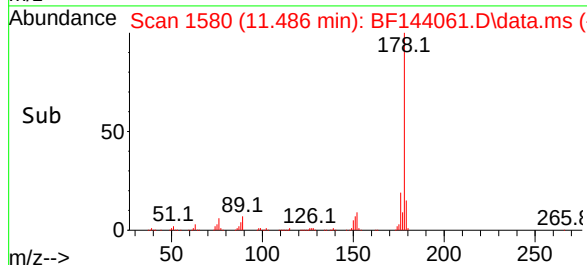
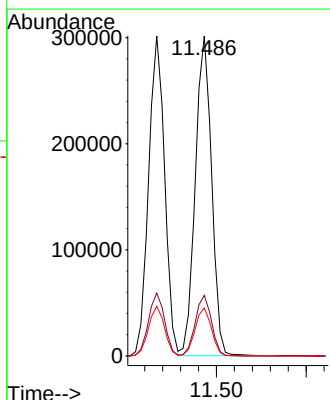
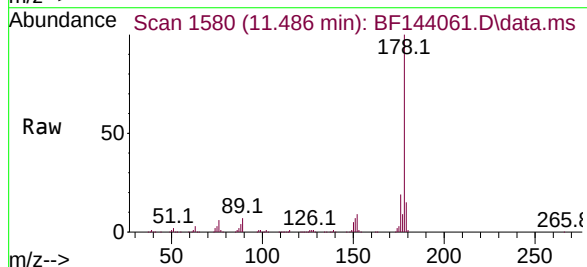
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

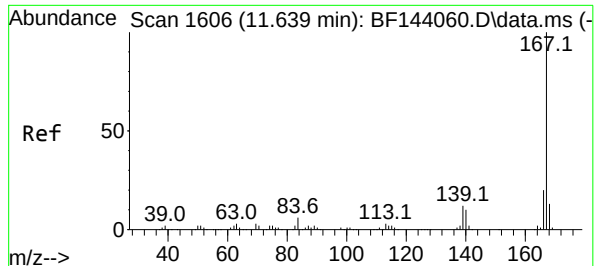
Tgt Ion:178 Resp: 374285
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.5 12.6 18.8



#72
Anthracene
Concen: 45.423 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:178 Resp: 380096
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.0 11.8 17.6

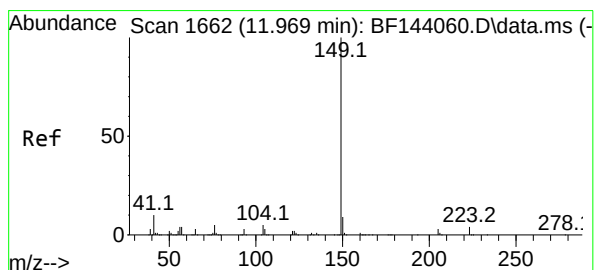
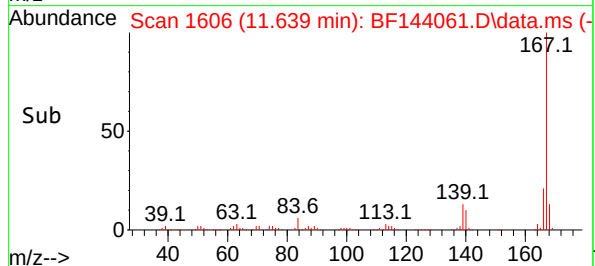
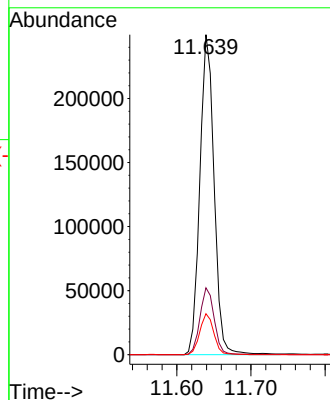
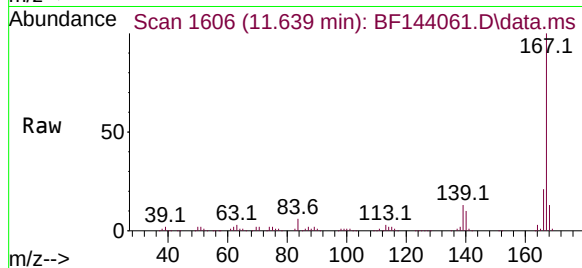




#73
Carbazole
Concen: 46.845 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

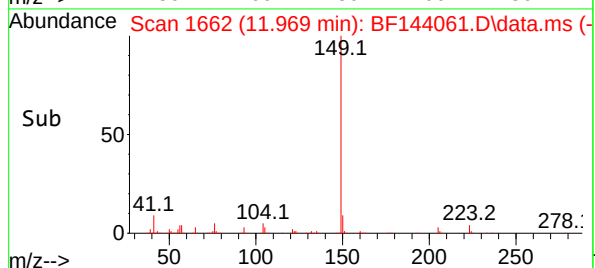
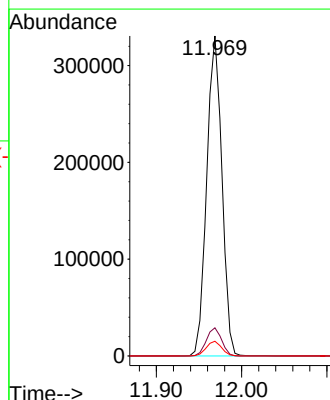
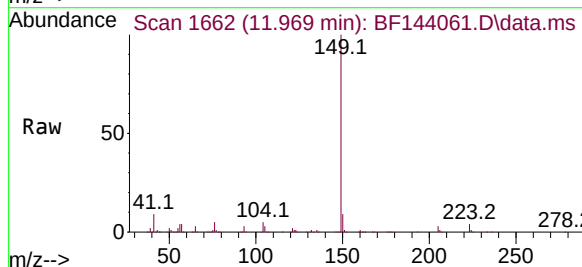
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

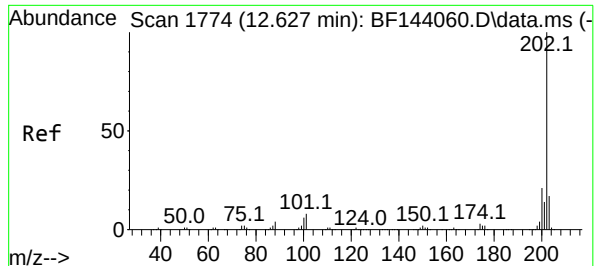
Tgt Ion:167 Resp: 333654
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 12.8 9.8 14.6



#74
Di-n-butylphthalate
Concen: 46.795 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 408630
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 4.6 3.6 5.4

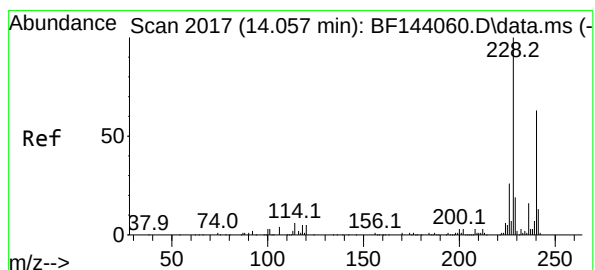
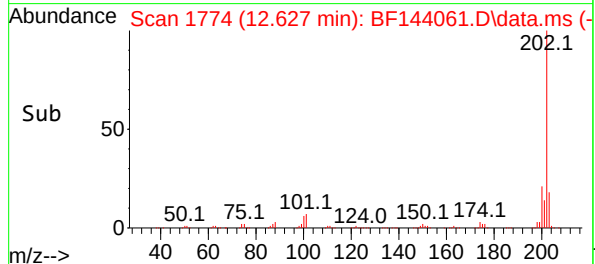
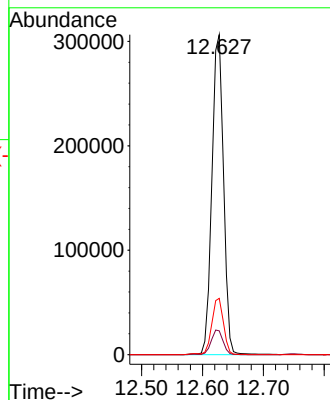
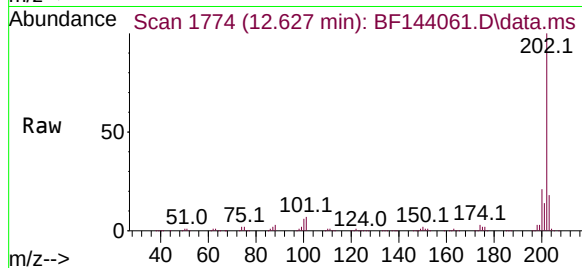




#75
Fluoranthene
Concen: 45.411 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

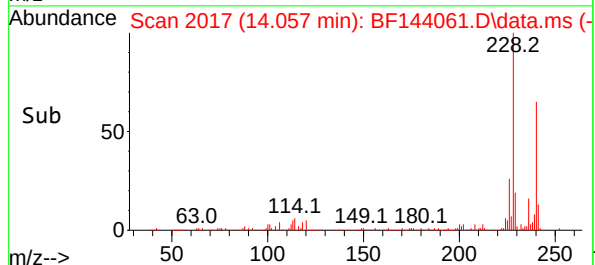
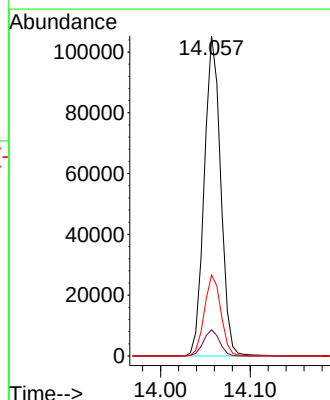
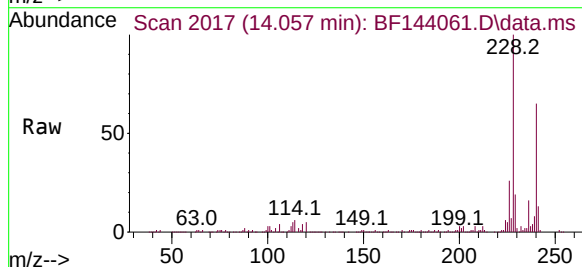
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

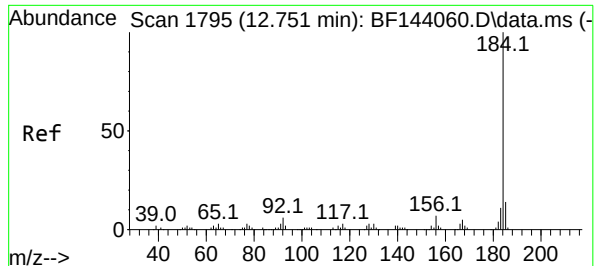
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	17.6	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.3	20.1	30.1





#77

Benzidine

Concen: 41.214 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

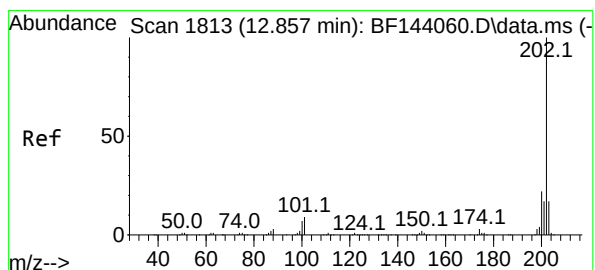
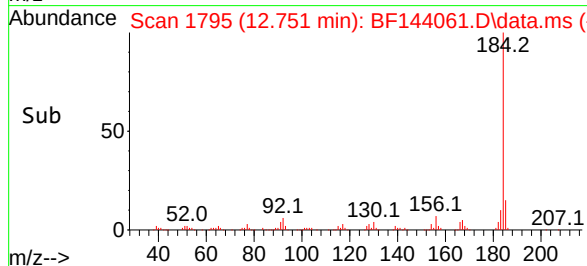
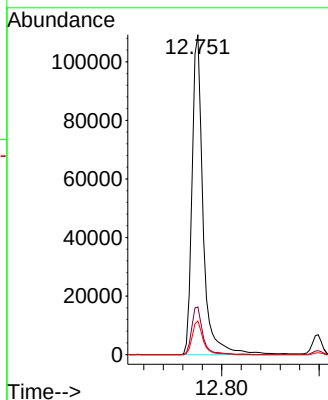
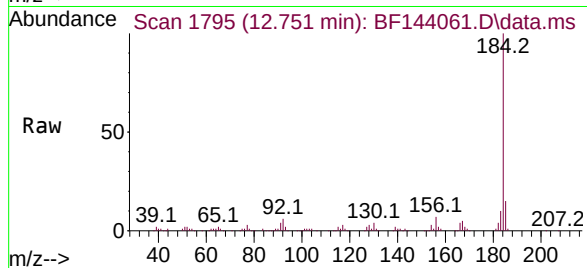
Tgt Ion:184 Resp: 171303

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.5 8.5 12.7



#78

Pyrene

Concen: 45.038 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

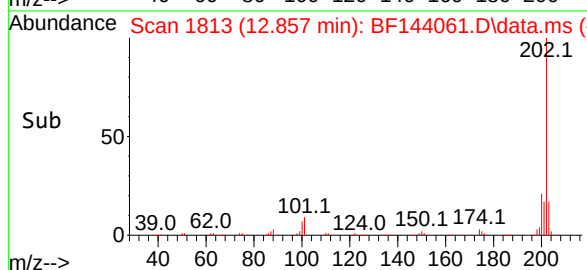
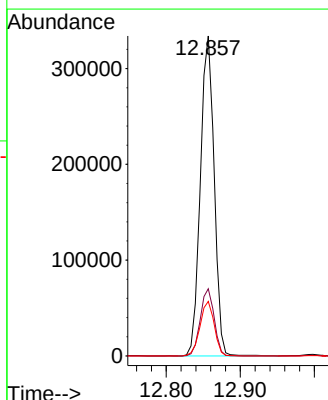
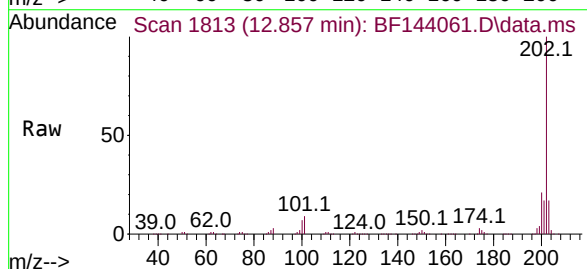
Tgt Ion:202 Resp: 432441

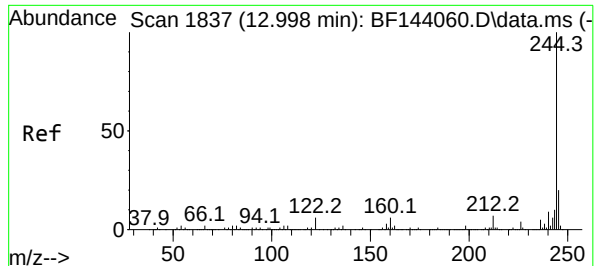
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 87.573 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

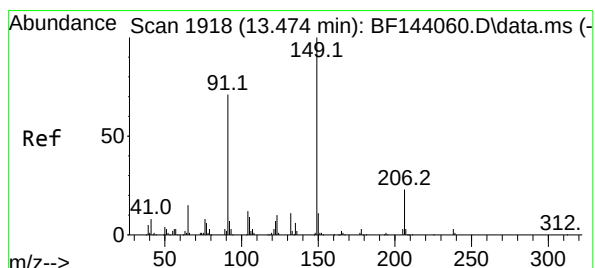
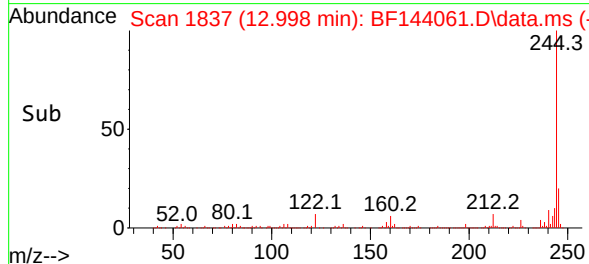
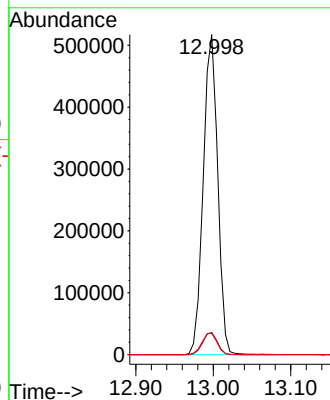
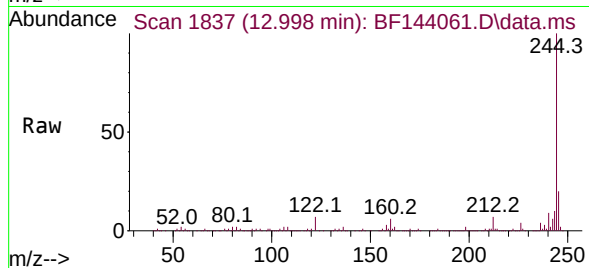
Tgt Ion:244 Resp: 669013

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.6 4.9 7.3



#80

Butylbenzylphthalate

Concen: 45.417 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

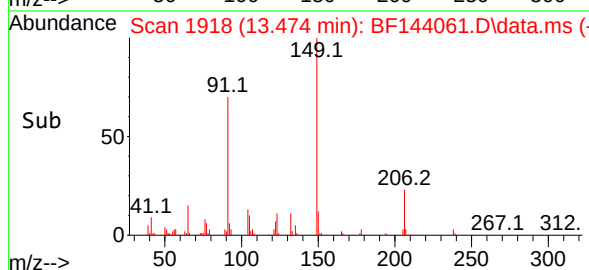
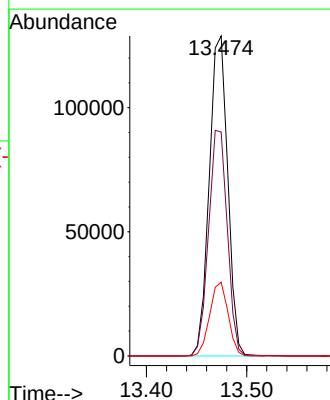
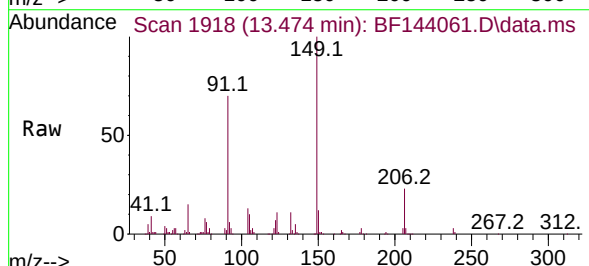
Tgt Ion:149 Resp: 164976

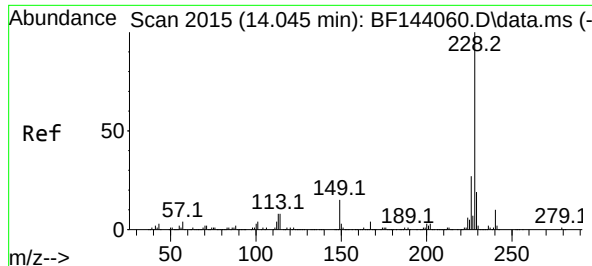
Ion Ratio Lower Upper

149 100

91 70.0 56.6 84.8

206 23.0 18.3 27.5

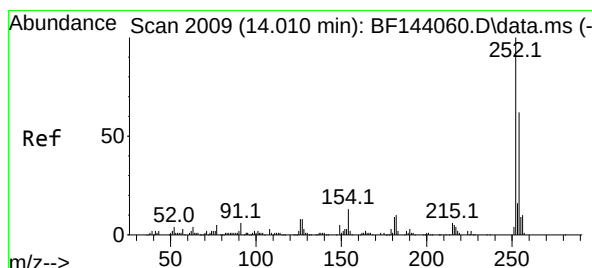
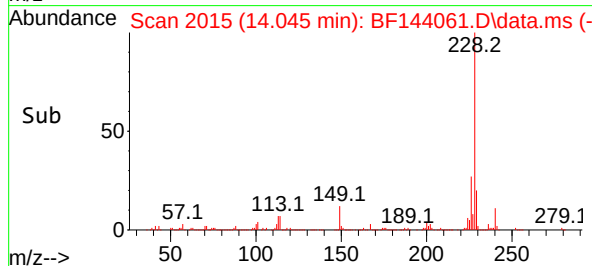
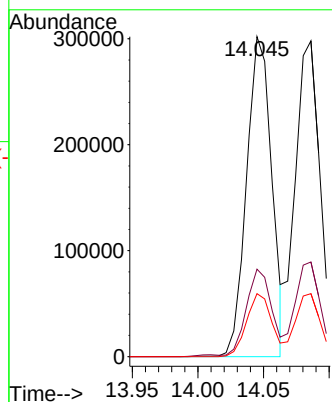
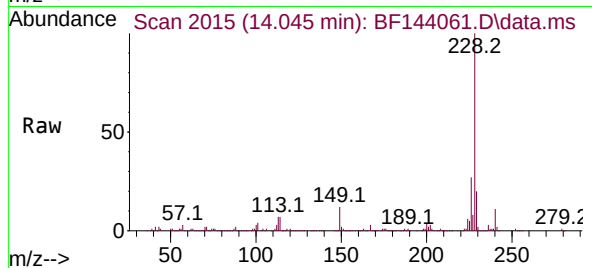




#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

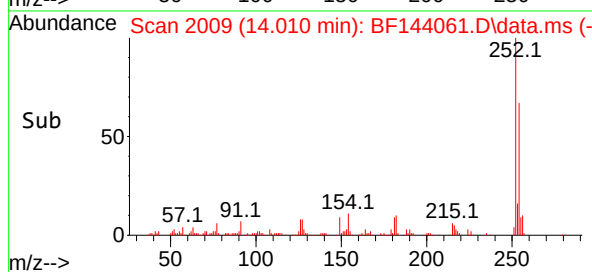
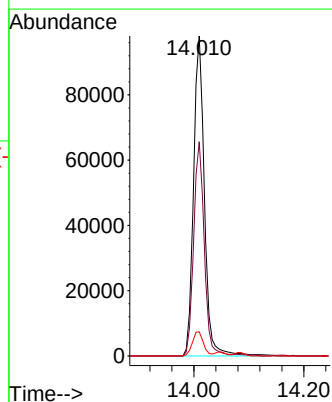
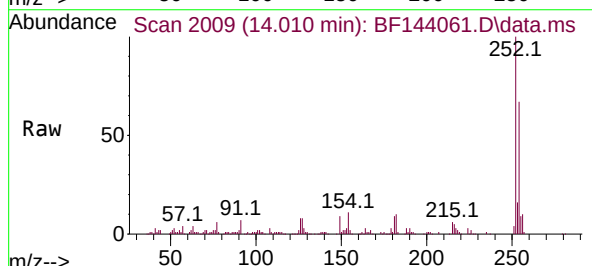
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

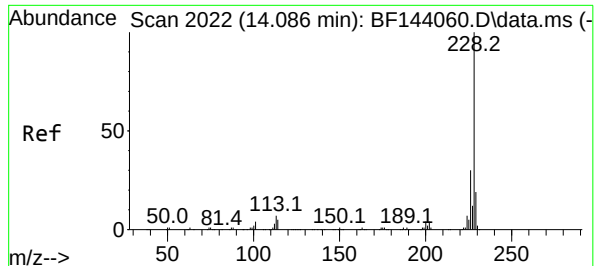
Tgt Ion:228 Resp: 402629
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 42.940 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:252 Resp: 134912
Ion Ratio Lower Upper
252 100
254 66.9 49.9 74.9
126 7.5 6.5 9.7





#83

Chrysene

Concen: 46.461 ng

RT: 14.086 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

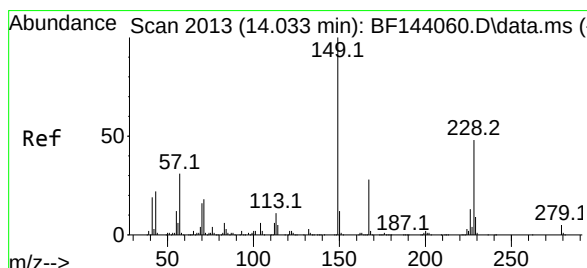
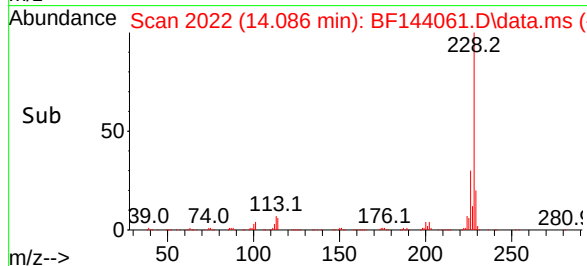
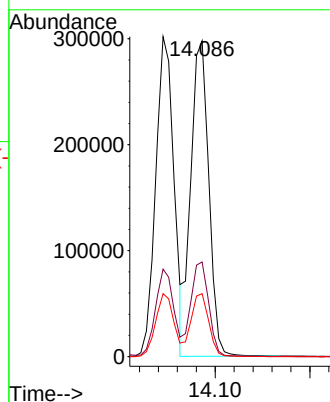
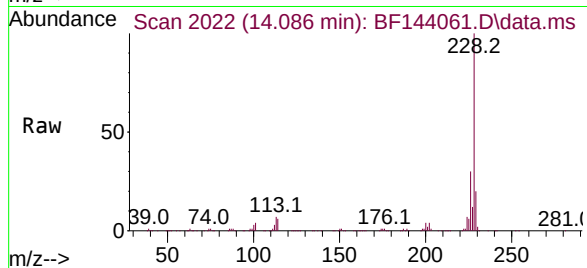
Tgt Ion:228 Resp: 393508

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.450 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

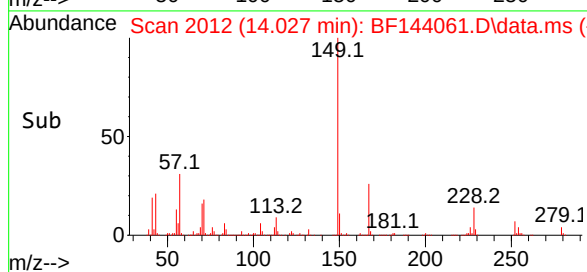
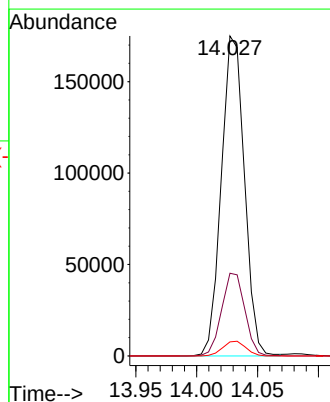
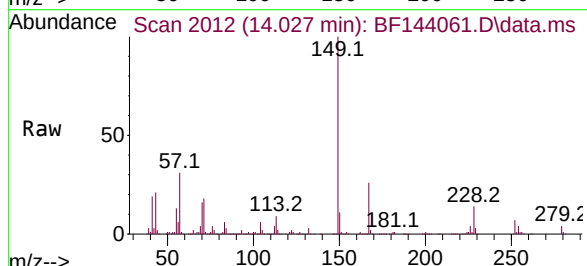
Tgt Ion:149 Resp: 230343

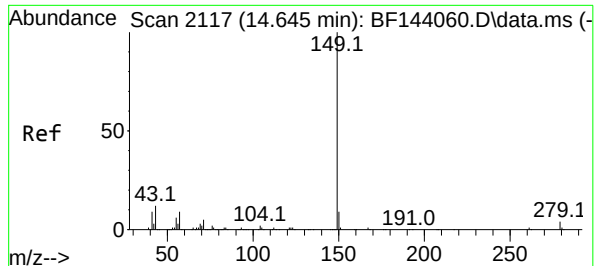
Ion Ratio Lower Upper

149 100

167 25.8 22.5 33.7

279 4.4 3.6 5.4

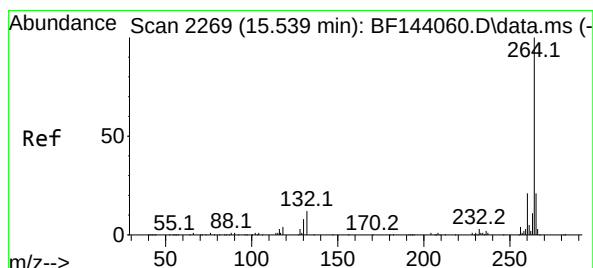
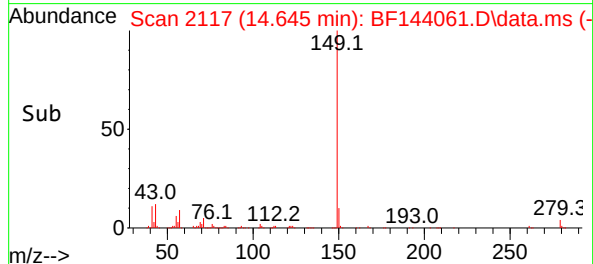
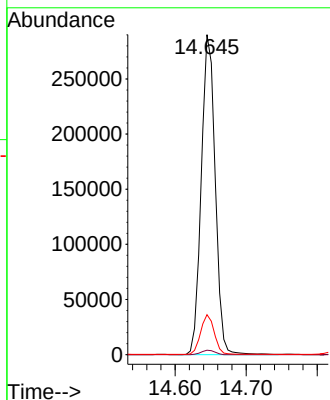
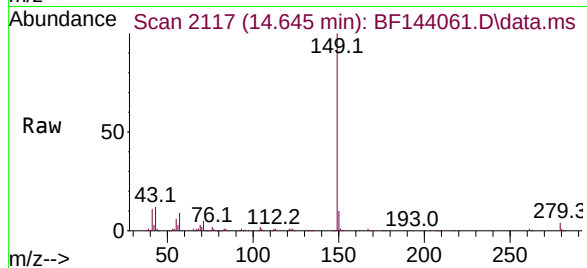




#85
Di-n-octyl phthalate
Concen: 46.156 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

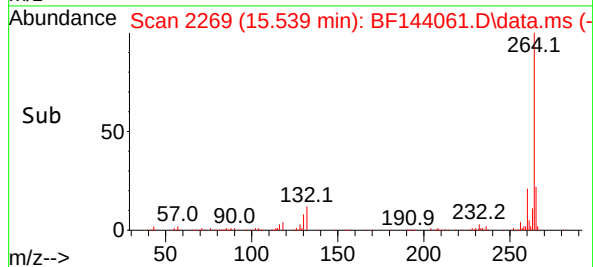
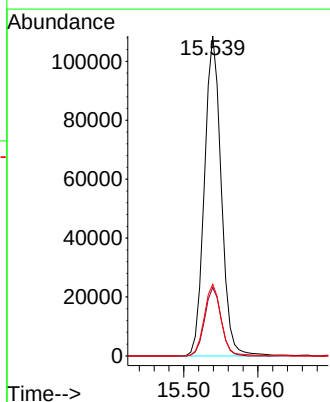
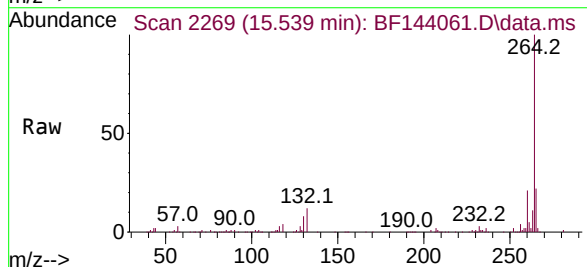
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

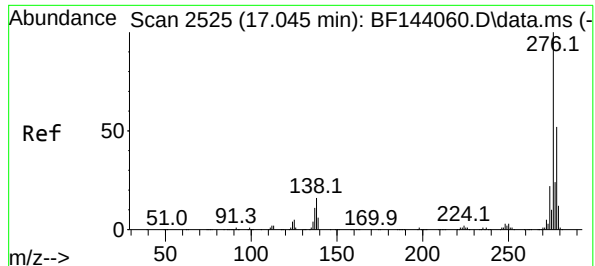
Tgt Ion:149 Resp: 393623
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.3 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:264 Resp: 170761
Ion Ratio Lower Upper
264 100
260 21.4 17.0 25.4
265 22.4 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.151 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

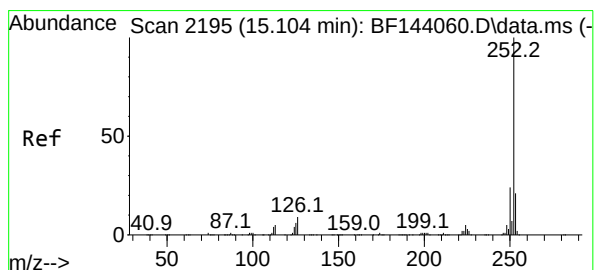
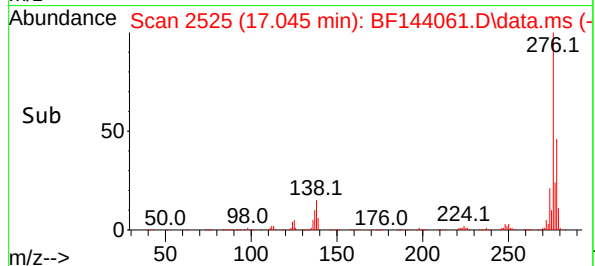
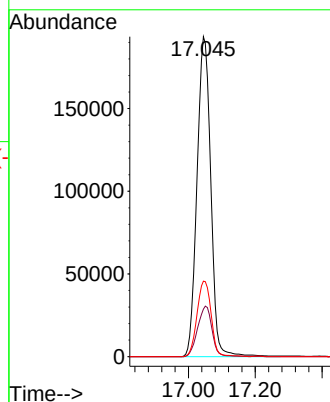
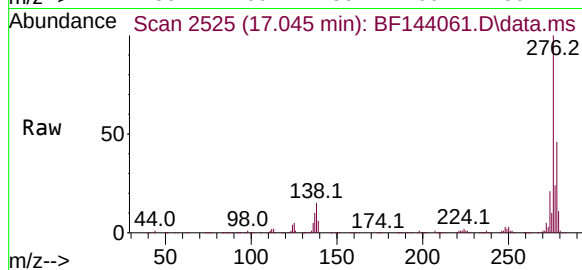
Tgt Ion:276 Resp: 552781

Ion Ratio Lower Upper

276 100

138 16.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 46.646 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

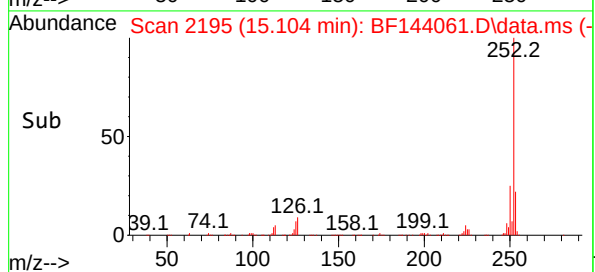
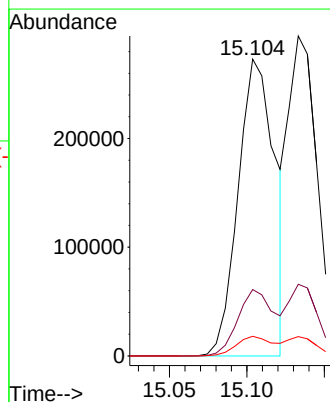
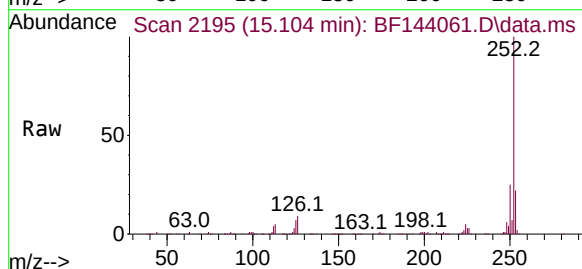
Tgt Ion:252 Resp: 450302

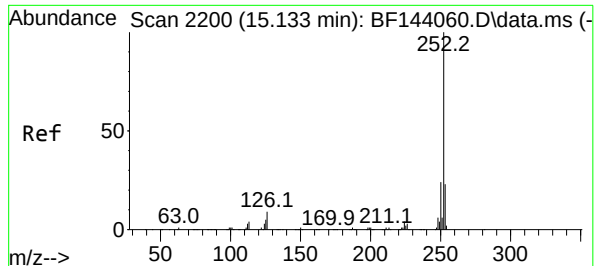
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 6.6 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.445 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

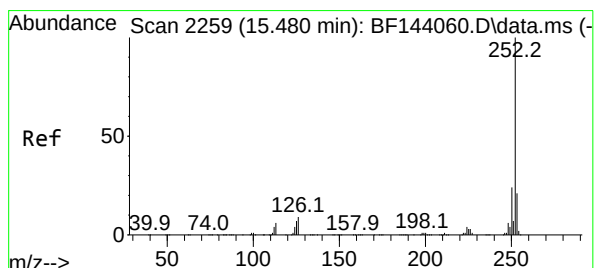
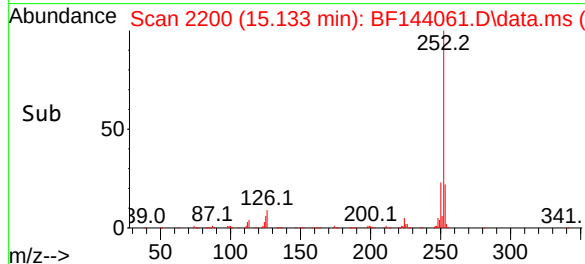
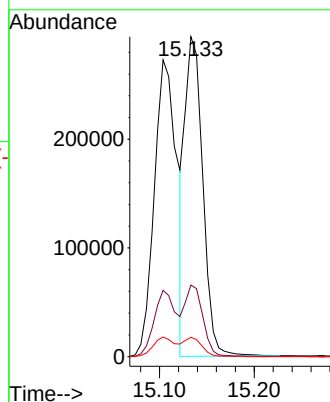
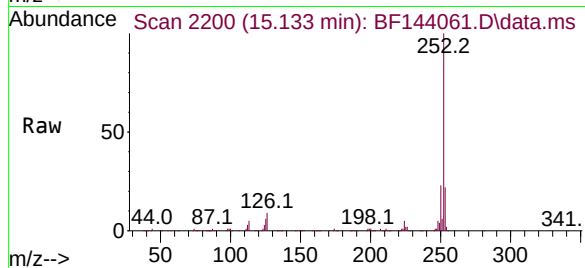
Tgt Ion:252 Resp: 386955

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 46.436 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

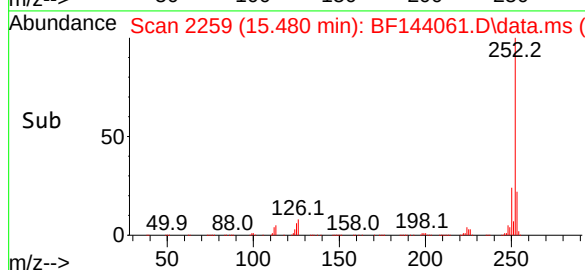
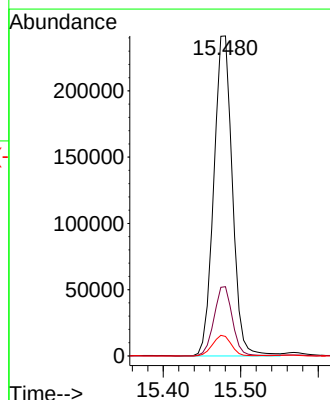
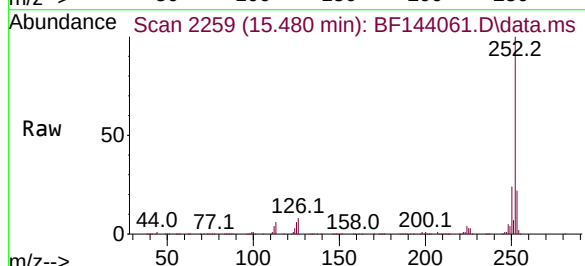
Tgt Ion:252 Resp: 402167

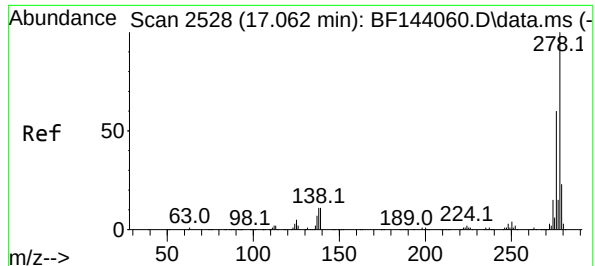
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 6.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 47.119 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

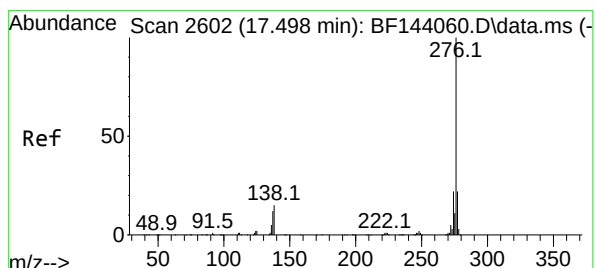
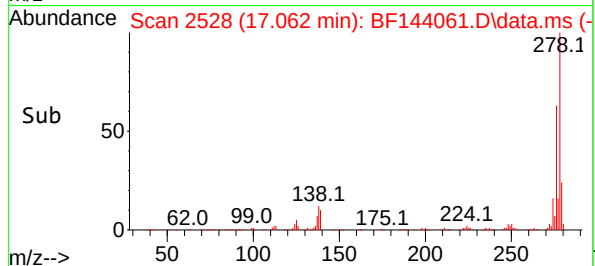
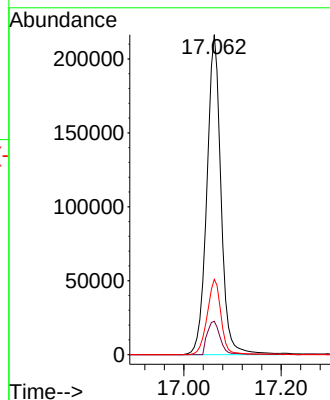
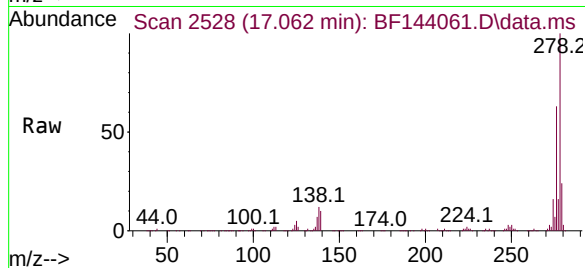
Tgt Ion:278 Resp: 437275

Ion Ratio Lower Upper

278 100

139 10.4 8.5 12.7

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 46.804 ng

RT: 17.504 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

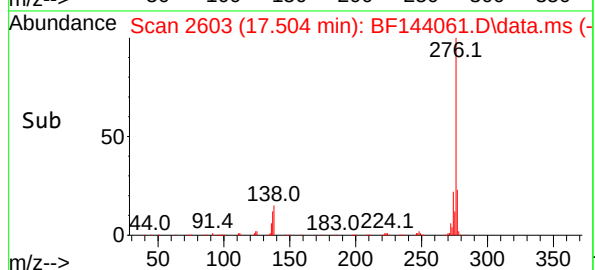
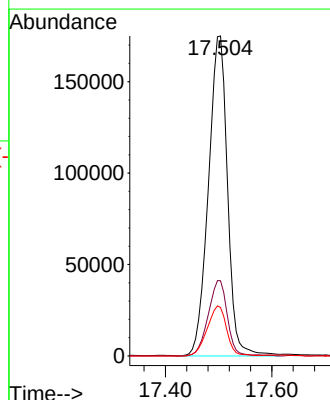
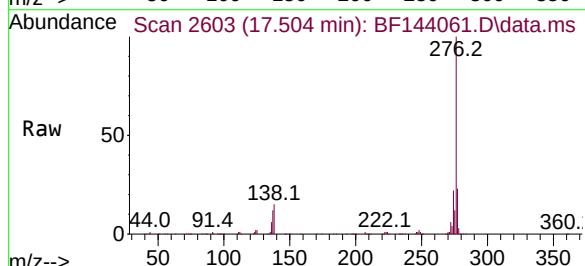
Tgt Ion:276 Resp: 436689

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 15.1 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144063.D
 Acq On : 24 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58739	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	209353	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	112793	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	191608	20.000	ng	0.00
76) Chrysene-d12	14.062	240	151514	20.000	ng	0.00
86) Perylene-d12	15.539	264	200004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	510582	137.523	ng	0.00
7) Phenol-d6	6.516	99	560479	136.693	ng	0.01
23) Nitrobenzene-d5	7.451	82	552167	144.501	ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	212808	148.116	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1050410	131.050	ng	0.00
79) Terphenyl-d14	13.004	244	1234056	142.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	113019	70.445	ng	97
3) Pyridine	3.398	79	321948	74.957	ng	97
4) n-Nitrosodimethylamine	3.369	42	201953	76.521	ng	97
6) Aniline	6.545	93	393504	67.082	ng	92
8) 2-Chlorophenol	6.669	128	250635	68.549	ng	97
9) Benzaldehyde	6.434	77	244035	76.656	ng	96
10) Phenol	6.528	94	339521	67.118	ng	87
11) bis(2-Chloroethyl)ether	6.622	93	254160	69.532	ng	99
12) 1,3-Dichlorobenzene	6.822	146	305526	67.741	ng	98
13) 1,4-Dichlorobenzene	6.898	146	304178	68.434	ng	99
14) 1,2-Dichlorobenzene	7.051	146	287786	66.915	ng	99
15) Benzyl Alcohol	7.028	79	240927	72.263	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	478809	69.697	ng	93
17) 2-Methylphenol	7.134	107	193458	68.795	ng	97
18) Hexachloroethane	7.392	117	112050	70.510	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	190167	71.721	ng	99
20) 3+4-Methylphenols	7.292	107	227718	68.500	ng	# 86
22) Acetophenone	7.298	105	310700	68.672	ng	99
24) Nitrobenzene	7.469	77	294221	72.786	ng	98
25) Isophorone	7.710	82	487685	73.000	ng	100
26) 2-Nitrophenol	7.781	139	138311	71.925	ng	97
27) 2,4-Dimethylphenol	7.816	122	207224	72.515	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	293996	70.566	ng	98
29) 2,4-Dichlorophenol	8.022	162	230075	69.232	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	239831	70.150	ng	97
31) Naphthalene	8.186	128	660164	66.812	ng	98
32) Benzoic acid	7.945	122	135524	74.766	ng	88
33) 4-Chloroaniline	8.233	127	239182	69.535	ng	97
34) Hexachlorobutadiene	8.304	225	196083	70.141	ng	98
35) Caprolactam	8.622	113	62887	75.462	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	209253	71.352	ng	96
37) 2-Methylnaphthalene	8.880	142	438984	67.385	ng	97
38) 1-Methylnaphthalene	8.975	142	418223	67.761	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	263109	67.873	ng	99
41) Hexachlorocyclopentadiene	9.028	237	99937	83.468	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	173959	69.040	ng	99

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 Data File : BF144063.D
 Acq On : 24 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

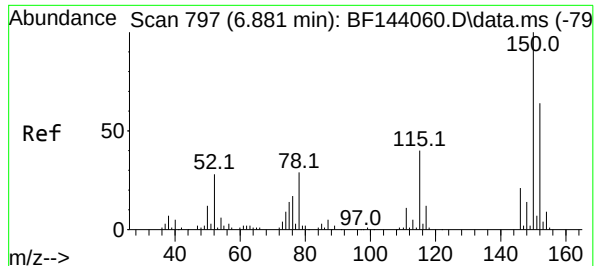
Quant Time: Oct 24 17:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189248	71.565	ng	96
46) 1,1'-Biphenyl	9.345	154	530392	65.690	ng	99
47) 2-Chloronaphthalene	9.369	162	446307	65.979	ng	99
48) 2-Nitroaniline	9.463	65	148164	73.762	ng	99
49) Acenaphthylene	9.780	152	603127	66.126	ng	100
50) Dimethylphthalate	9.639	163	517194	69.954	ng	99
51) 2,6-Dinitrotoluene	9.704	165	108081	73.947	ng	97
52) Acenaphthene	9.957	154	412422	67.707	ng	98
53) 3-Nitroaniline	9.875	138	112811	69.421	ng	88
54) 2,4-Dinitrophenol	9.986	184	62962	79.646	ng	94
55) Dibenzofuran	10.127	168	560264	66.253	ng	99
56) 4-Nitrophenol	10.033	139	83091	75.509	ng	99
57) 2,4-Dinitrotoluene	10.110	165	145667	73.844	ng	97
58) Fluorene	10.474	166	426390	66.175	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133917	71.865	ng	# 97
60) Diethylphthalate	10.345	149	488605	70.274	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	238684	65.871	ng	98
62) 4-Nitroaniline	10.492	138	113935	73.997	ng	98
63) Azobenzene	10.622	77	460222	69.934	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	88545	72.027	ng	92
66) n-Nitrosodiphenylamine	10.580	169	415732	67.908	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	164677	68.643	ng	100
68) Hexachlorobenzene	11.022	284	205267	69.766	ng	97
69) Atrazine	11.110	200	129646	64.536	ng	98
70) Pentachlorophenol	11.216	266	110717	79.055	ng	97
71) Phenanthrene	11.439	178	654557	68.769	ng	99
72) Anthracene	11.492	178	656473	66.765	ng	99
73) Carbazole	11.645	167	565232	67.538	ng	97
74) Di-n-butylphthalate	11.969	149	723962	70.556	ng	99
75) Fluoranthene	12.627	202	731393	69.552	ng	99
77) Benzidine	12.751	184	282392	59.887	ng	99
78) Pyrene	12.857	202	749362	68.794	ng	99
80) Butylbenzylphthalate	13.474	149	303486	73.645	ng	97
81) Benzo(a)anthracene	14.051	228	743007	72.564	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	258546	72.536	ng	100
83) Chrysene	14.092	228	708889	73.777	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	406325	72.226	ng	99
85) Di-n-octyl phthalate	14.651	149	714909	73.894	ng	96
87) Indeno(1,2,3-cd)pyrene	17.062	276	1010103	73.561	ng	98
88) Benzo(b)fluoranthene	15.109	252	840121	74.302	ng	99
89) Benzo(k)fluoranthene	15.145	252	708890	67.953	ng	99
90) Benzo(a)pyrene	15.486	252	727345	71.704	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	797474	73.369	ng	99
92) Benzo(g,h,i)perylene	17.521	276	811620	74.269	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

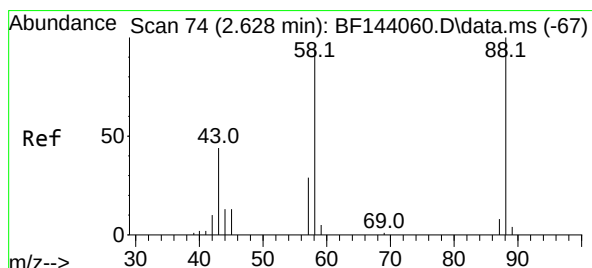
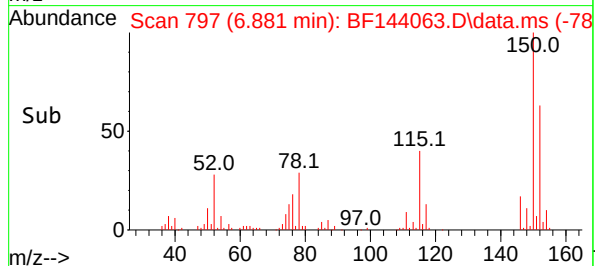
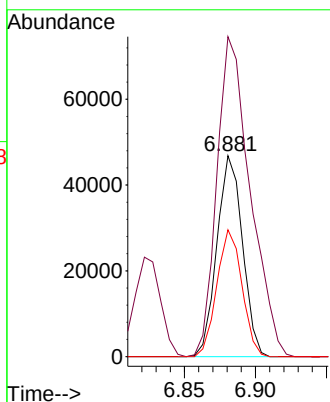
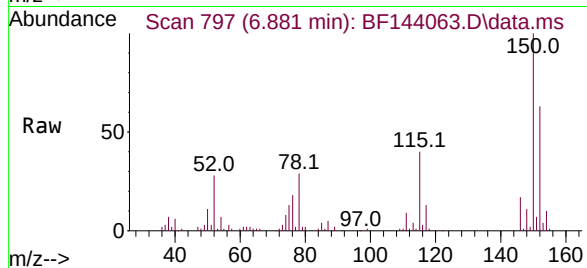
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- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

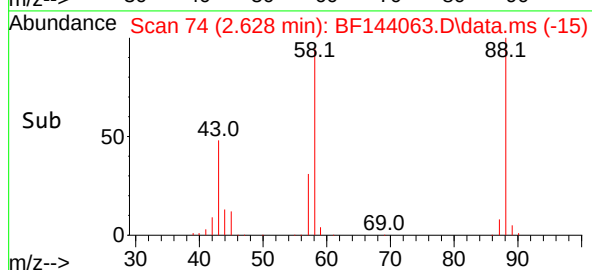
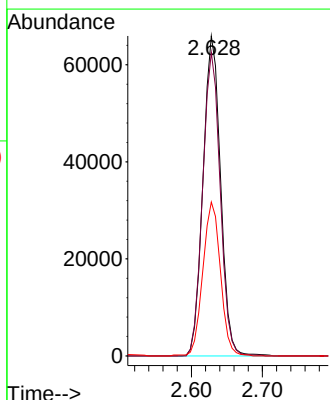
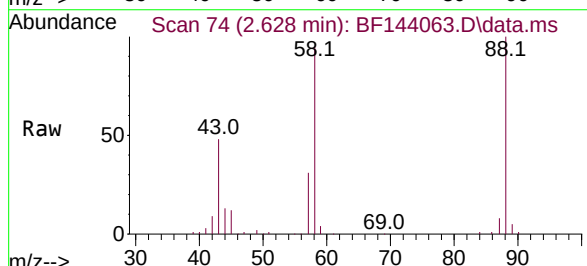
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BNA_F
ClientSampleId :
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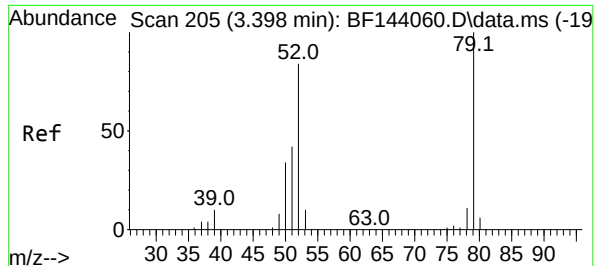
Tgt Ion:152 Resp: 58739
Ion Ratio Lower Upper
152 100
150 159.3 124.4 186.6
115 63.2 49.4 74.0



#2
1,4-Dioxane
Concen: 70.445 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 88 Resp: 113019
Ion Ratio Lower Upper
88 100
58 94.6 76.5 114.7
43 48.3 35.3 52.9

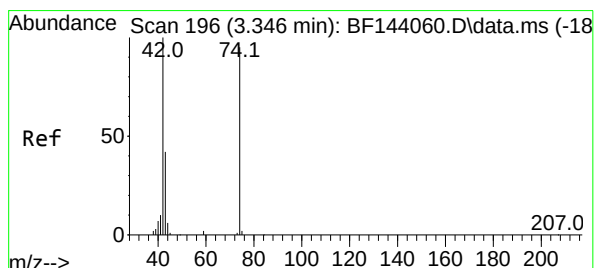
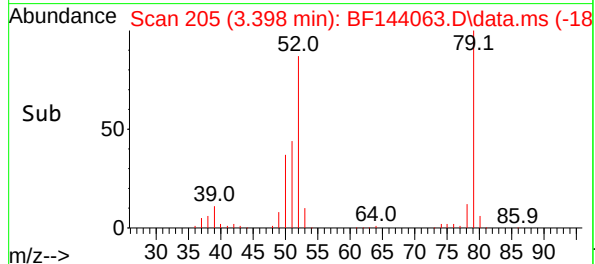
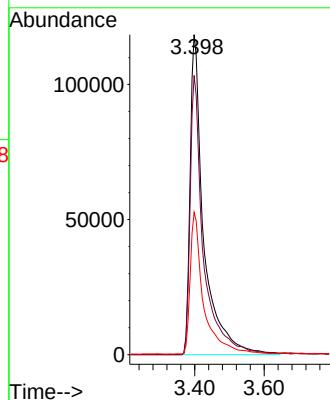
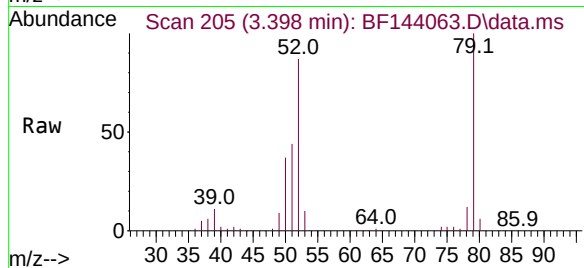




#3
Pyridine
Concen: 74.957 ng
RT: 3.398 min Scan# 205
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

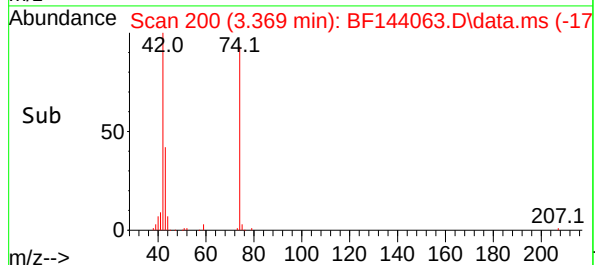
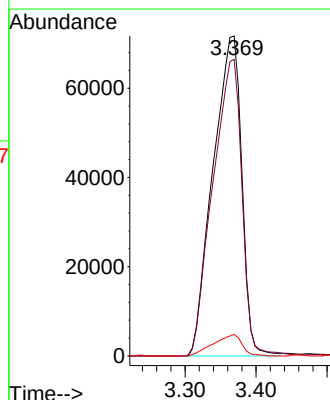
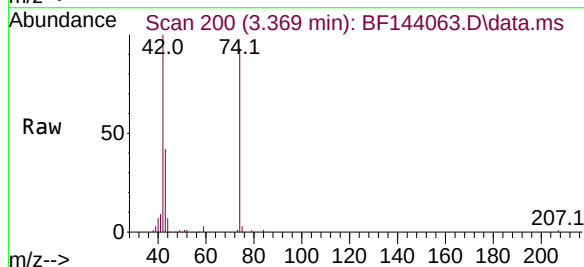
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

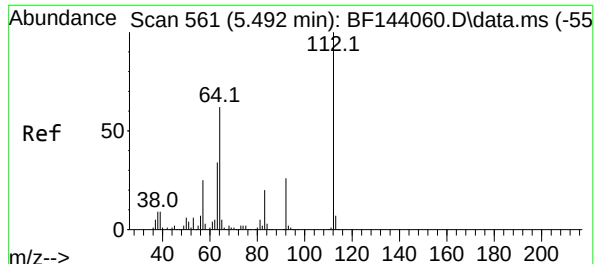
Tgt Ion: 79 Resp: 321948
Ion Ratio Lower Upper
79 100
52 87.3 67.5 101.3
51 44.5 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 76.521 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.024 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 42 Resp: 201953
Ion Ratio Lower Upper
42 100
74 92.7 76.4 114.6
44 6.7 5.2 7.8

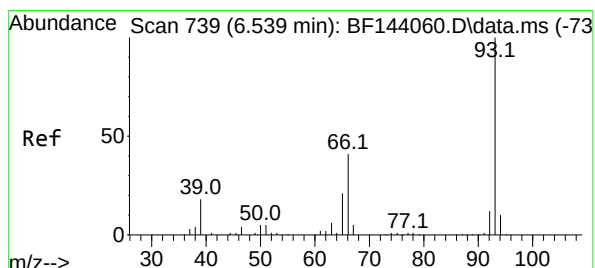
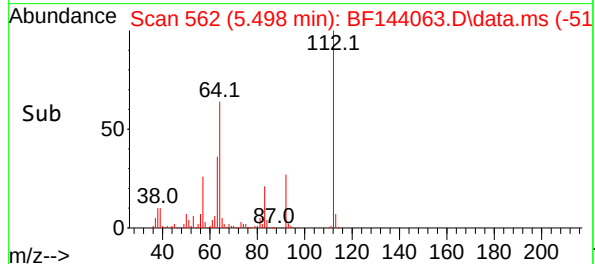
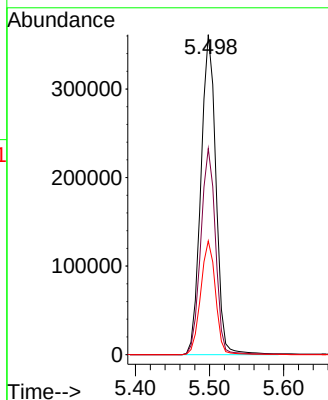
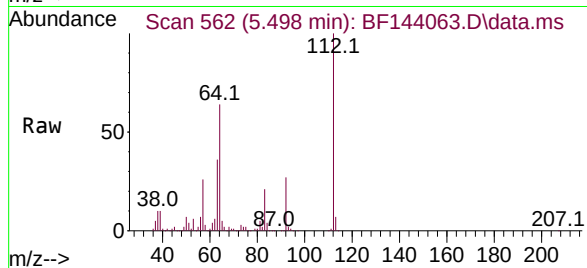




#5
2-Fluorophenol
Concen: 137.523 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

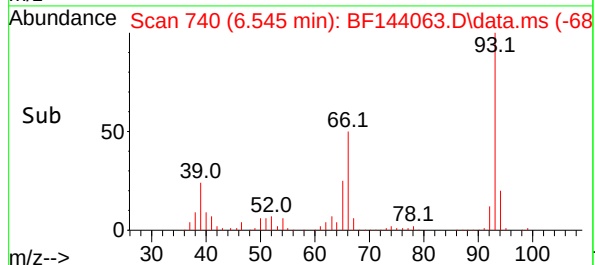
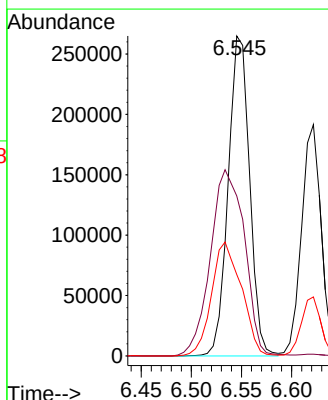
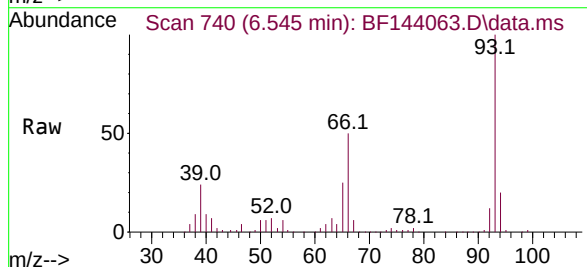
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BNA_F
ClientSampleId :
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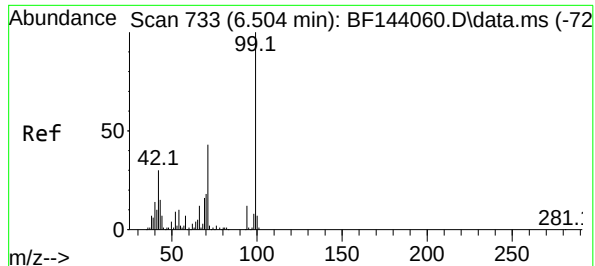
Tgt Ion:112 Resp: 510582
Ion Ratio Lower Upper
112 100
64 64.4 49.8 74.8
63 35.5 27.4 41.2



#6
Aniline
Concen: 67.082 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 393504
Ion Ratio Lower Upper
93 100
66 50.0 35.7 53.5
65 25.4 17.0 25.6





#7

Phenol-d6

Concen: 136.693 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

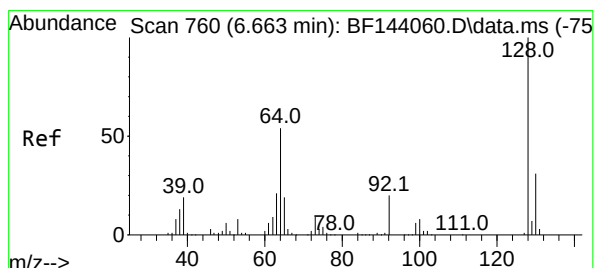
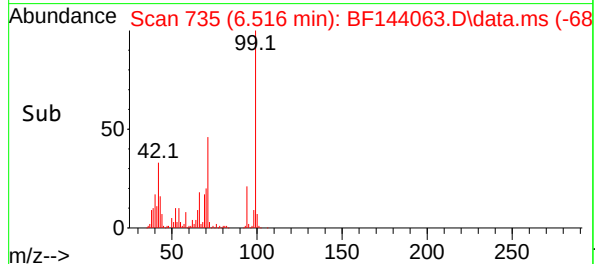
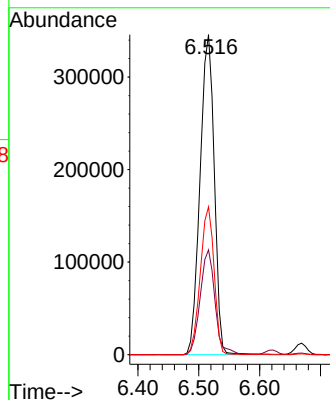
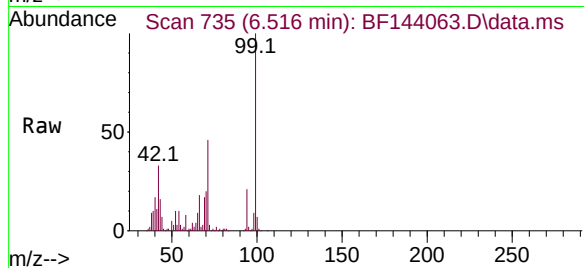
Tgt Ion: 99 Resp: 560479

Ion Ratio Lower Upper

99 100

42 32.7 23.9 35.9

71 46.2 34.4 51.6



#8

2-Chlorophenol

Concen: 68.549 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

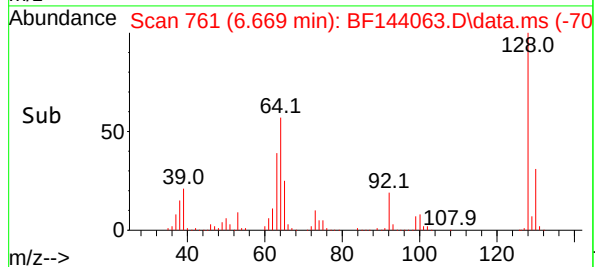
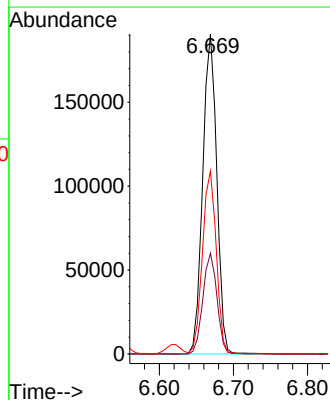
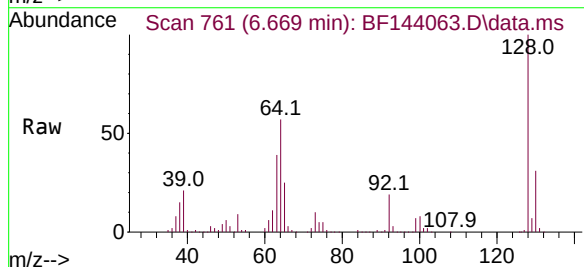
Tgt Ion: 128 Resp: 250635

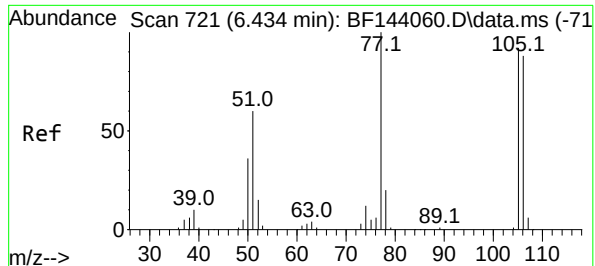
Ion Ratio Lower Upper

128 100

130 31.5 10.7 50.7

64 57.2 34.7 74.7





#9

Benzaldehyde

Concen: 76.656 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

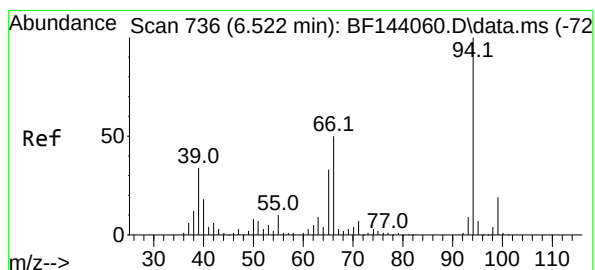
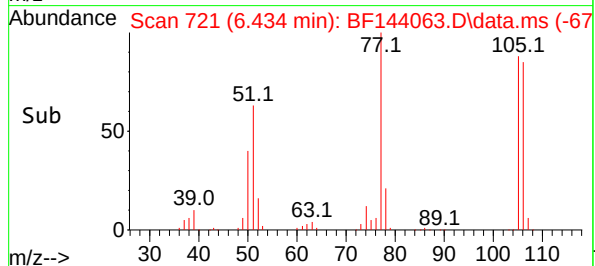
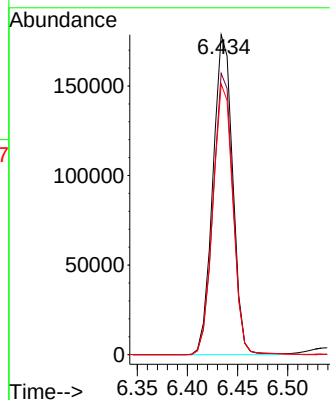
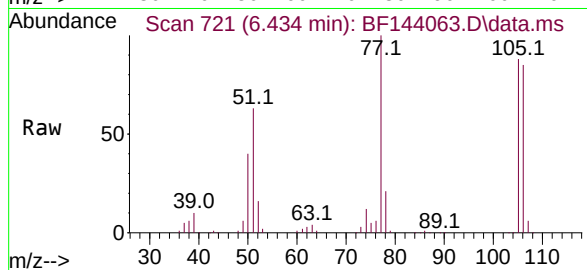
Tgt Ion: 77 Resp: 244035

Ion Ratio Lower Upper

77 100

105 87.9 72.2 112.2

106 84.6 67.9 107.9



#10

Phenol

Concen: 67.118 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

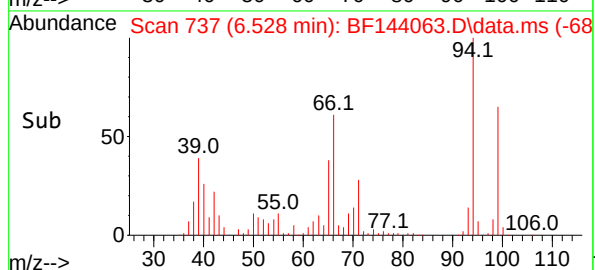
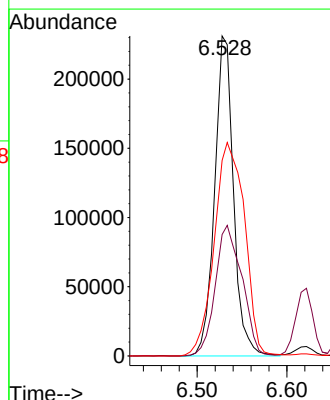
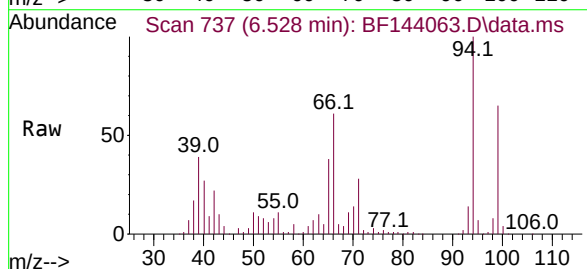
Tgt Ion: 94 Resp: 339521

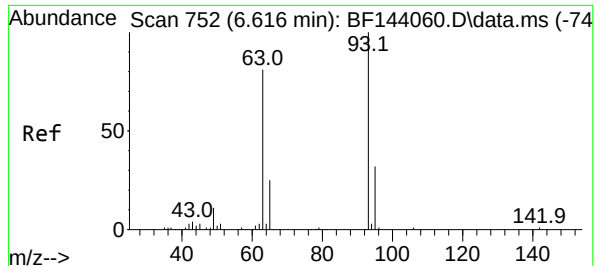
Ion Ratio Lower Upper

94 100

65 37.9 13.1 53.1

66 61.1 30.6 70.6

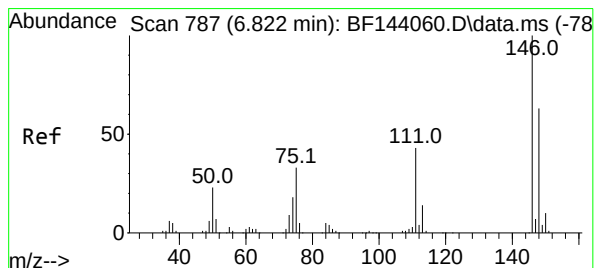
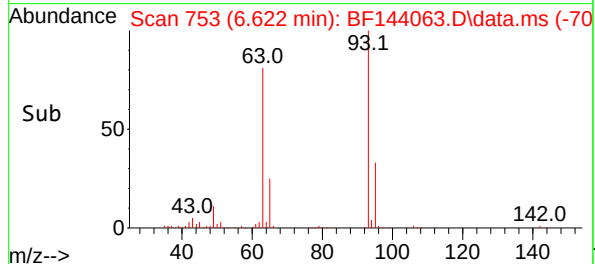
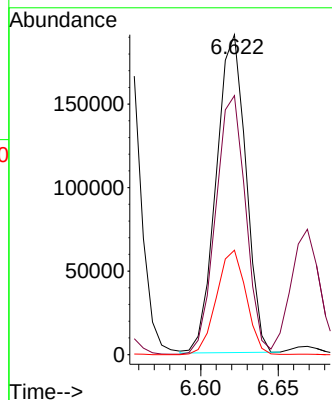
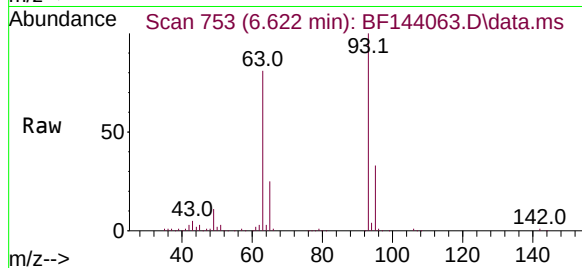




#11
bis(2-Chloroethyl)ether
Concen: 69.532 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

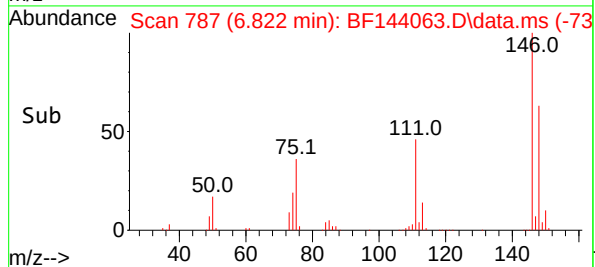
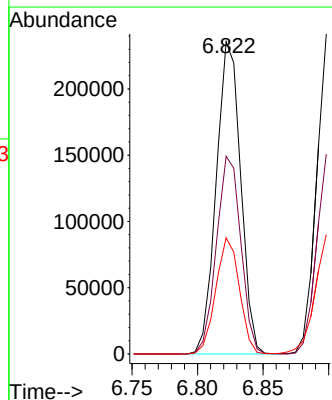
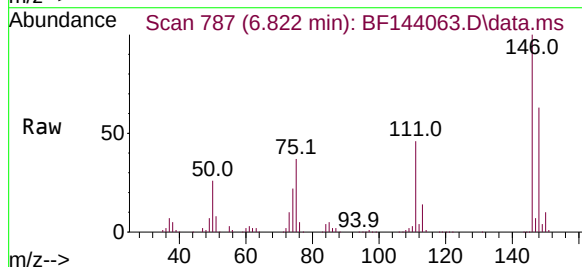
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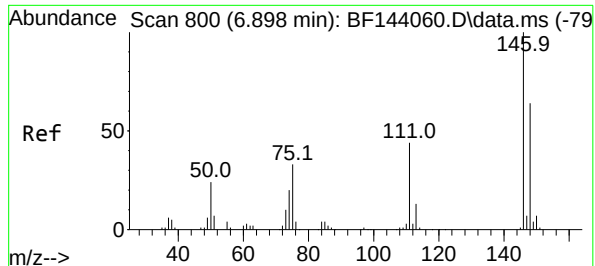
Tgt Ion: 93 Resp: 254160
Ion Ratio Lower Upper
93 100
63 80.9 60.2 100.2
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 67.741 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 146 Resp: 305526
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 37.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 68.434 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

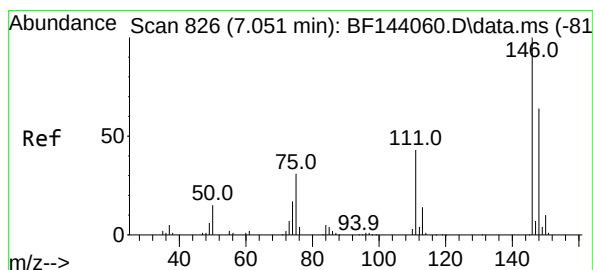
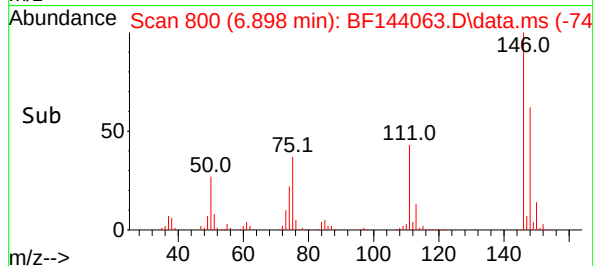
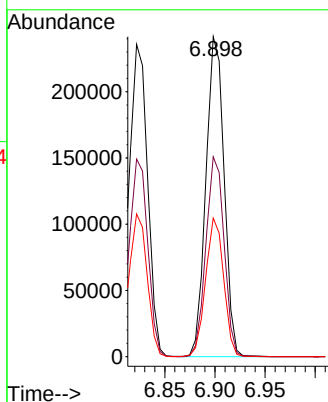
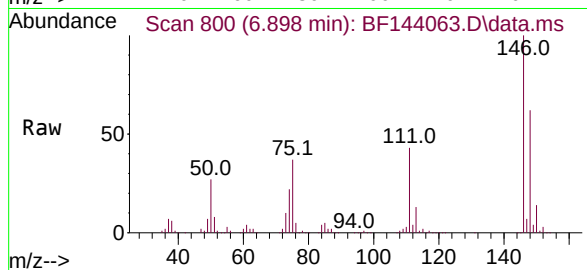
Tgt Ion:146 Resp: 304178

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

111 43.3 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 66.915 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

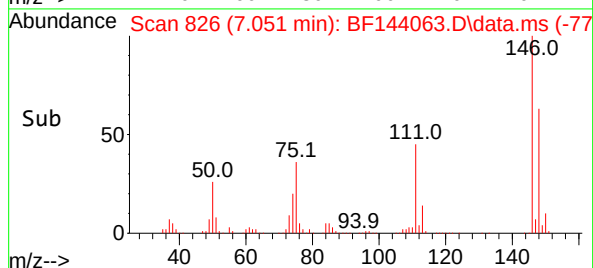
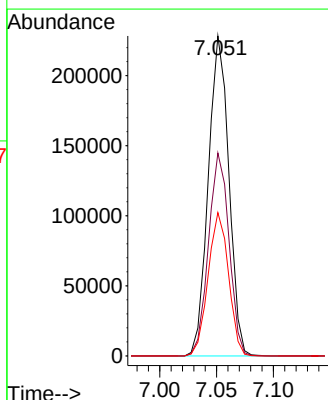
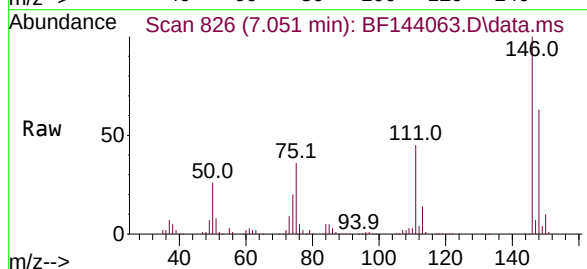
Tgt Ion:146 Resp: 287786

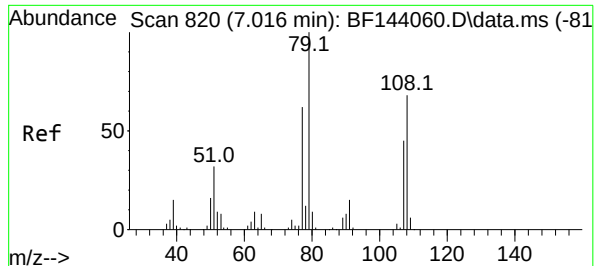
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 44.8 34.7 52.1

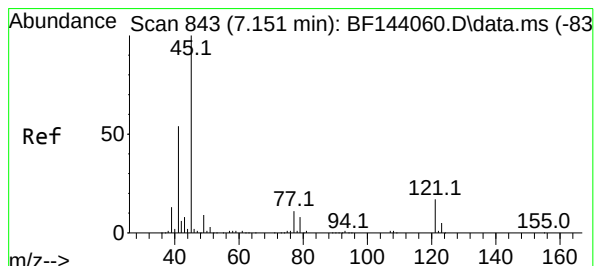
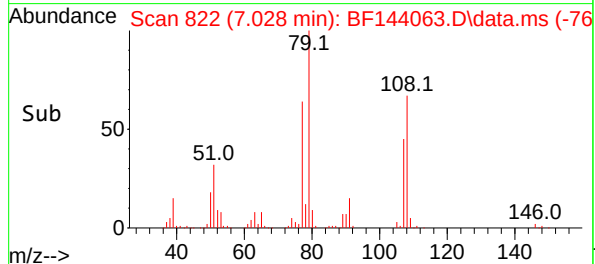
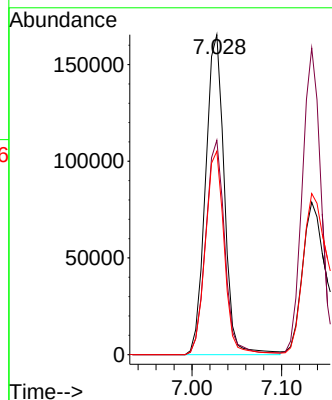
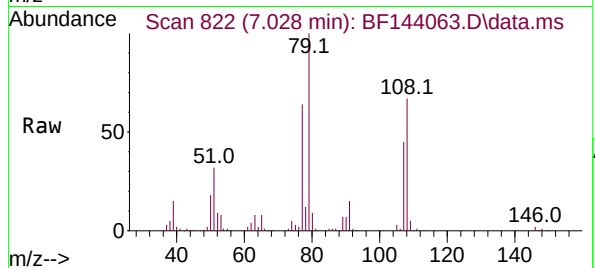




#15
Benzyl Alcohol
Concen: 72.263 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

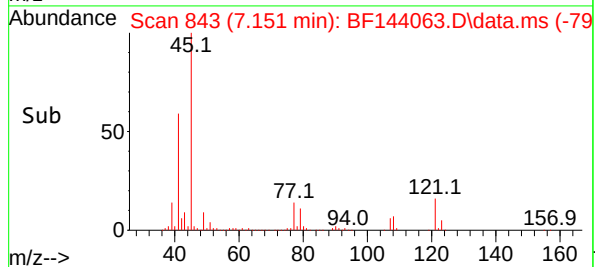
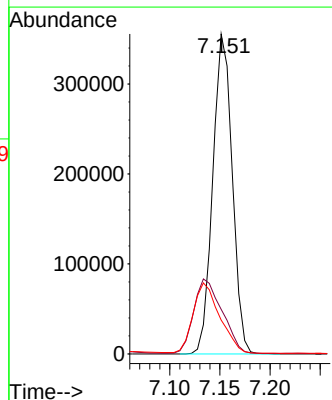
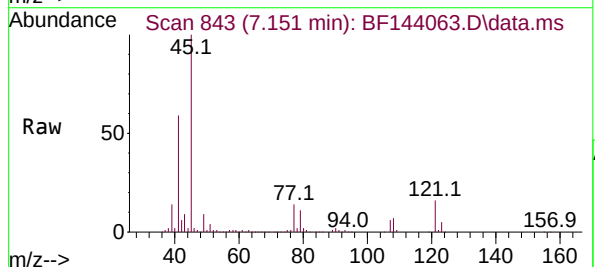
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

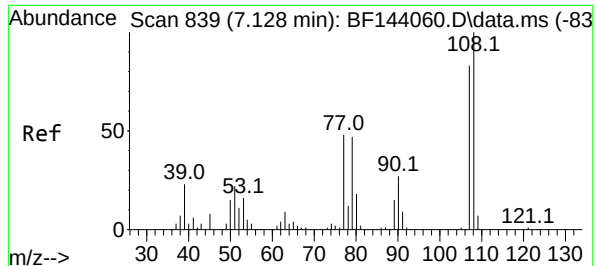
Tgt Ion: 79 Resp: 240927
Ion Ratio Lower Upper
79 100
108 67.0 54.8 82.2
77 63.6 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 69.697 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 45 Resp: 478809
Ion Ratio Lower Upper
45 100
77 13.9 0.0 30.9
79 10.6 0.0 28.2

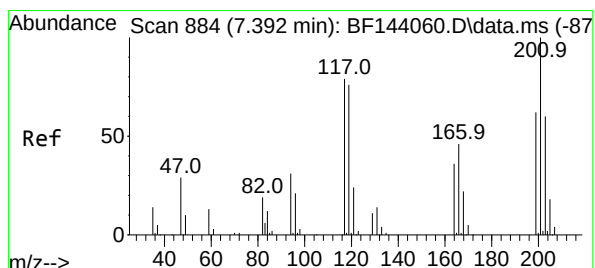
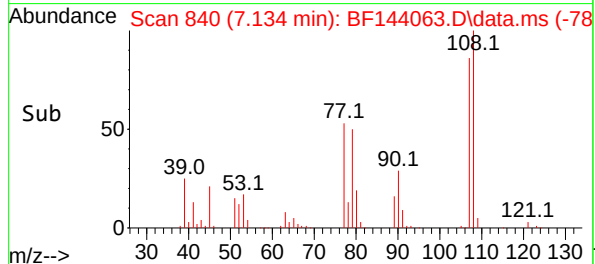
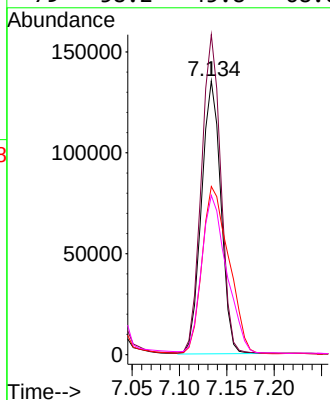
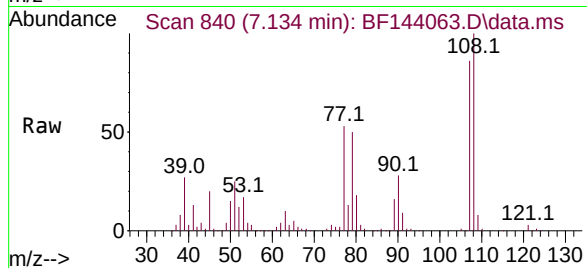




#17
2-Methylphenol
Concen: 68.795 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

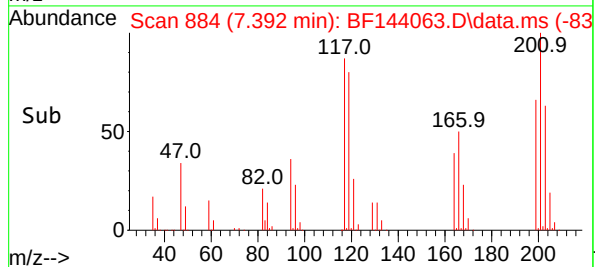
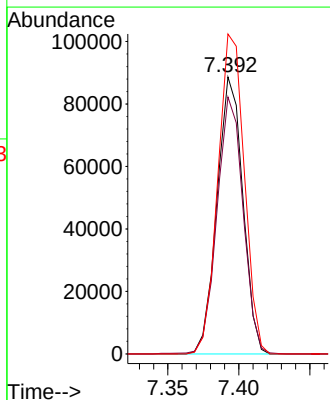
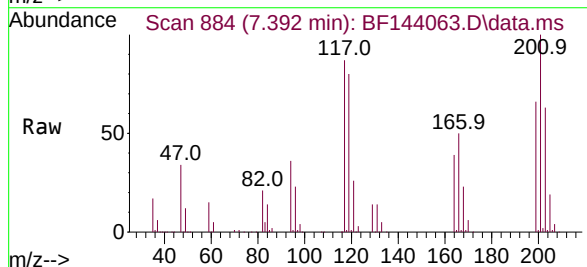
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

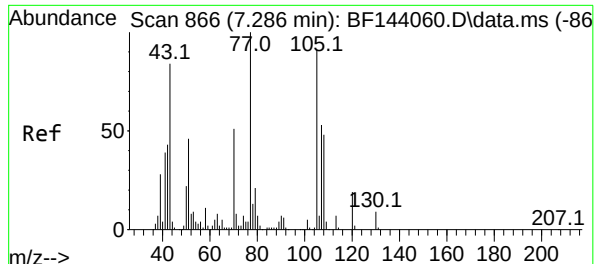
Tgt Ion:	107	Resp:	193458
Ion Ratio	Lower	Upper	
107	100		
108	116.9	96.4	144.6
77	61.4	46.8	70.2
79	58.2	45.8	68.6



#18
Hexachloroethane
Concen: 70.510 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:	117	Resp:	112050
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.6	115.0
201	115.5	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 71.721 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.012 min

Lab File: BF144063.D

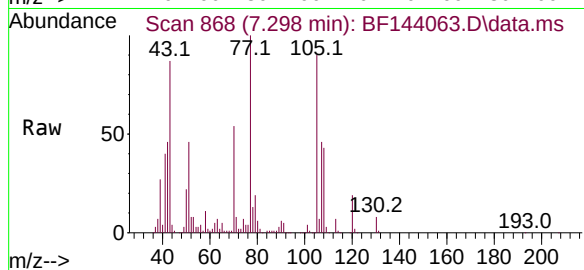
Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 190167

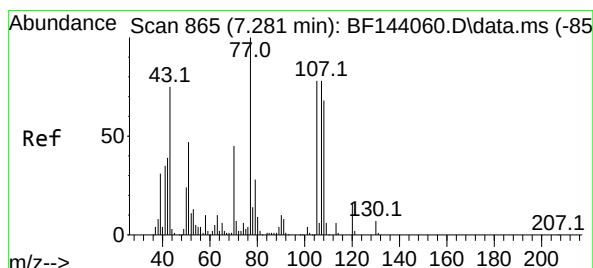
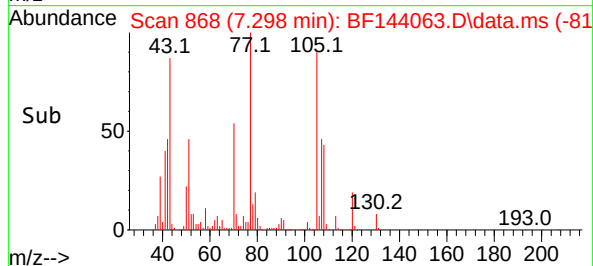
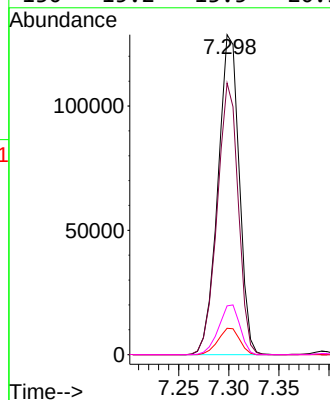
Ion Ratio Lower Upper

70 100

42 84.9 67.4 101.0

101 8.2 7.1 10.7

130 15.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 68.500 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion: 107 Resp: 227718

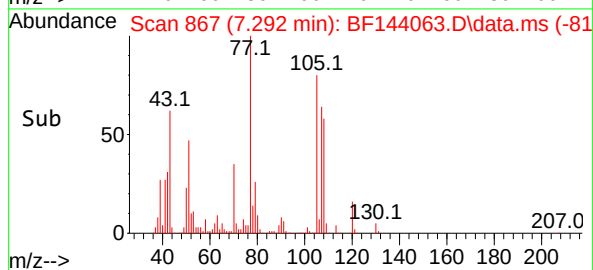
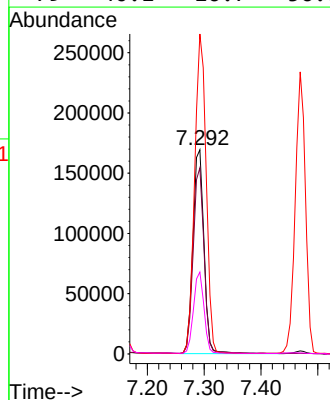
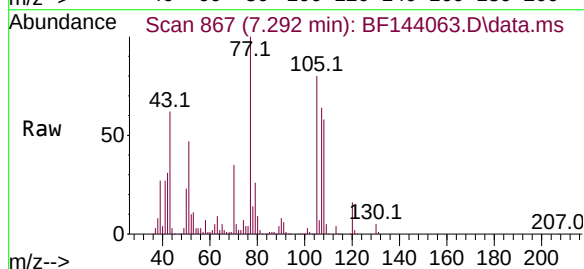
Ion Ratio Lower Upper

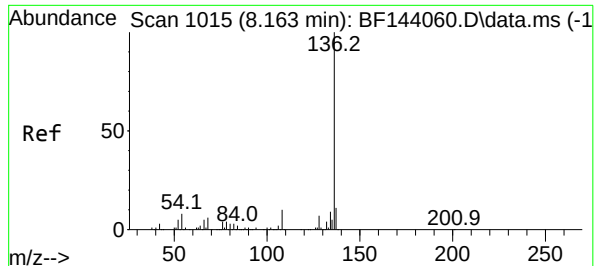
107 100

108 91.1 68.0 108.0

77 156.8 108.7 148.7#

79 40.1 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144063.D

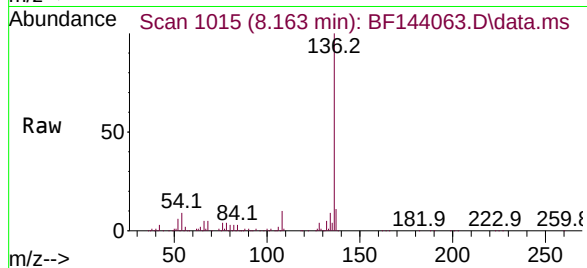
Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:136 Resp: 209353

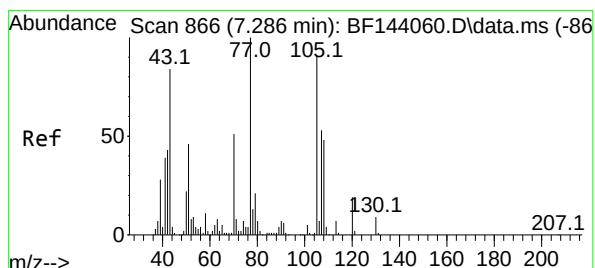
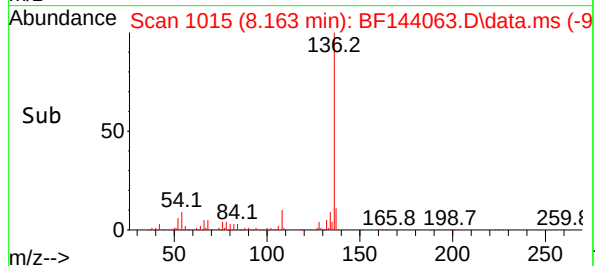
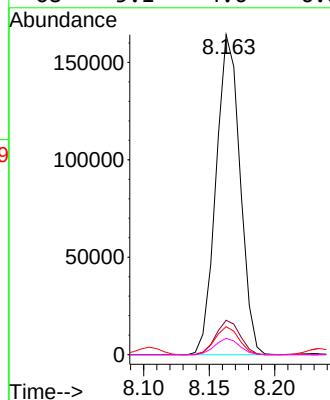
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.7 6.6 9.8

68 5.1 4.6 6.8



#22

Acetophenone

Concen: 68.672 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:105 Resp: 310700

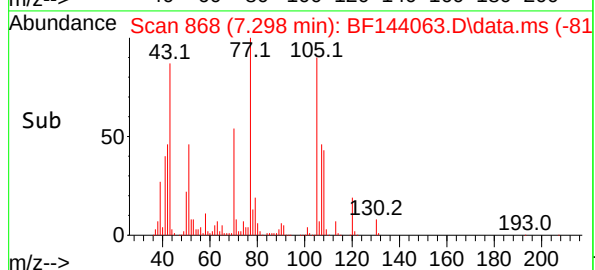
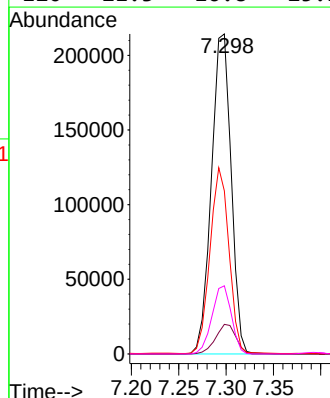
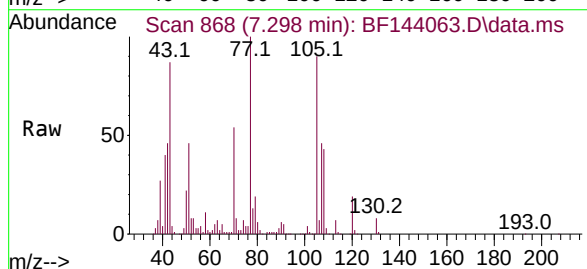
Ion Ratio Lower Upper

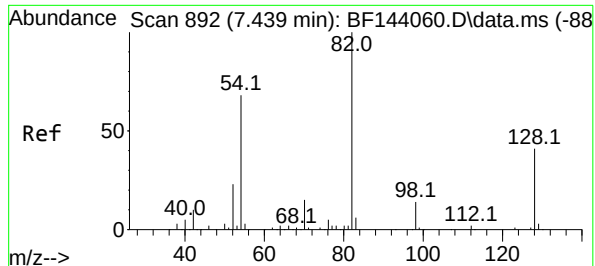
105 100

71 9.2 6.9 10.3

51 50.9 40.6 60.8

120 21.3 16.8 25.2

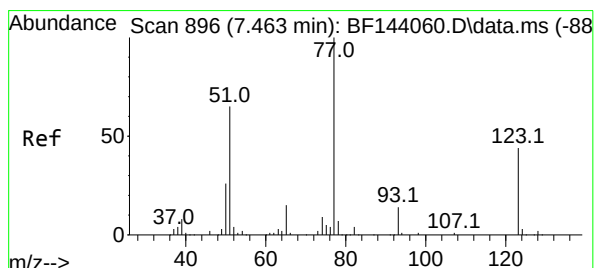
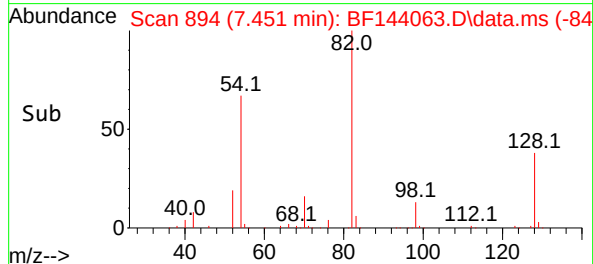
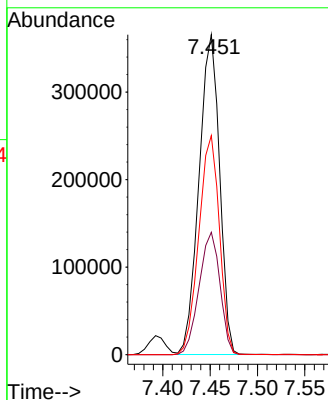
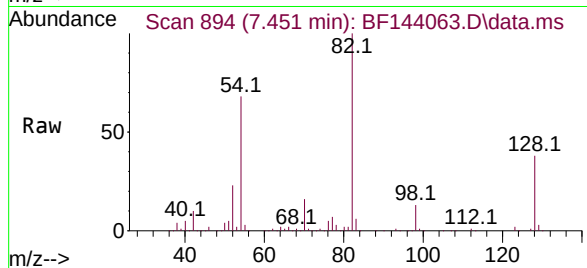




#23
Nitrobenzene-d5
Concen: 144.501 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

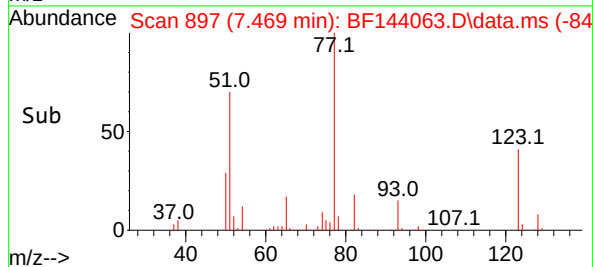
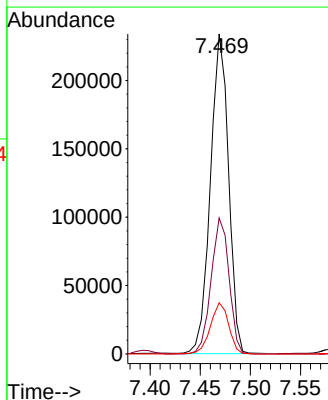
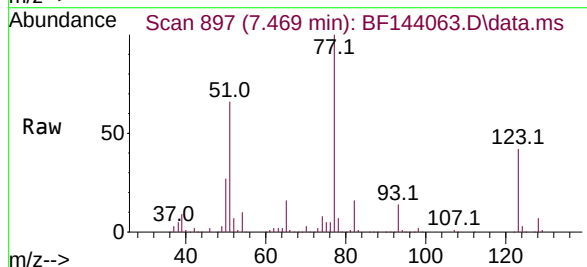
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

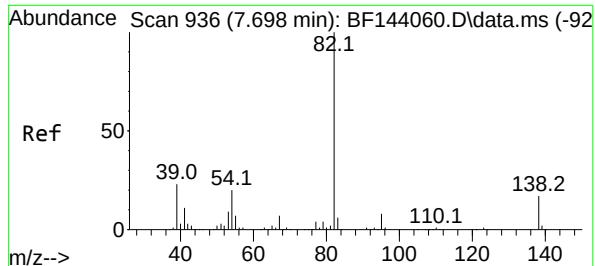
Tgt Ion: 82 Resp: 552167
Ion Ratio Lower Upper
82 100
128 38.2 32.4 48.6
54 68.4 54.0 81.0



#24
Nitrobenzene
Concen: 72.786 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 77 Resp: 294221
Ion Ratio Lower Upper
77 100
123 42.5 35.0 52.6
65 16.0 12.2 18.2

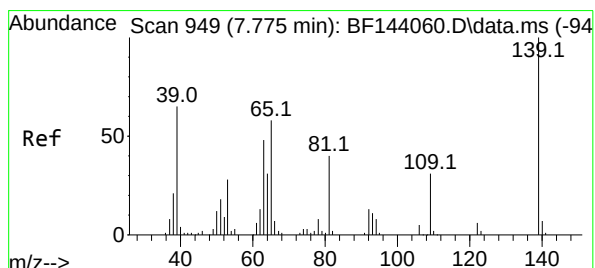
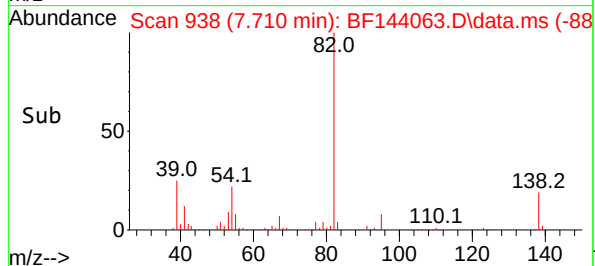
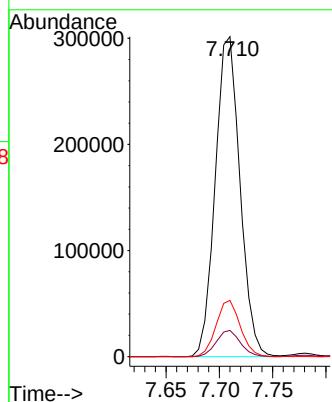
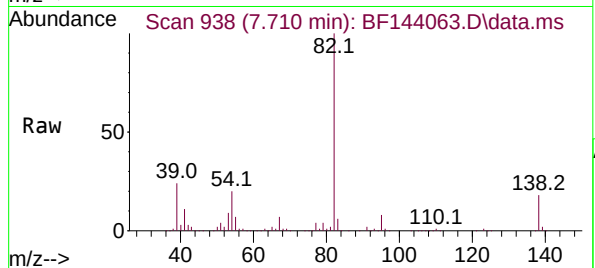




#25
Isophorone
Concen: 73.000 ng
RT: 7.710 min Scan# 936
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

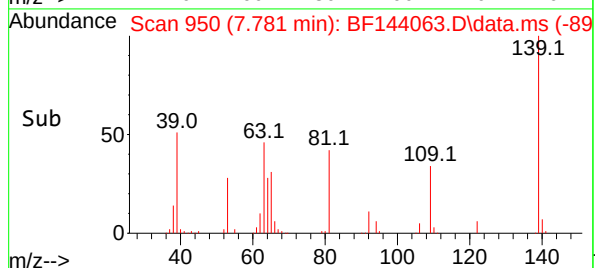
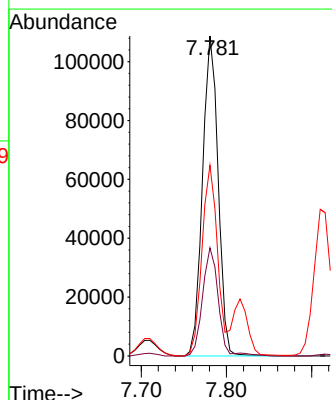
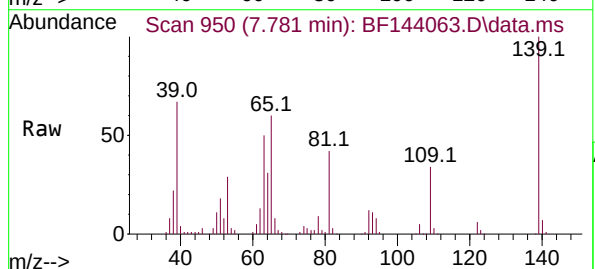
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

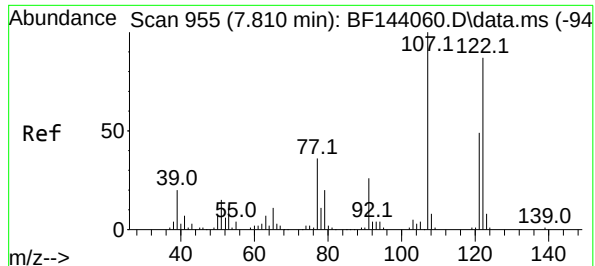
Tgt Ion: 82 Resp: 487685
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 17.6 13.8 20.8



#26
2-Nitrophenol
Concen: 71.925 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 139 Resp: 138311
Ion Ratio Lower Upper
139 100
109 33.8 24.6 37.0
65 59.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 72.515 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

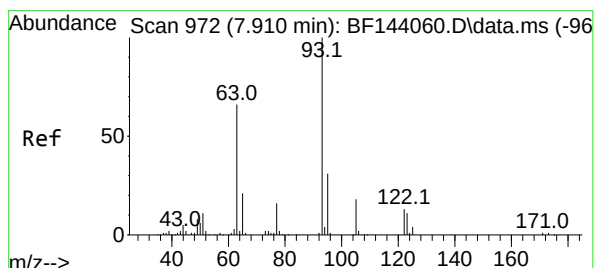
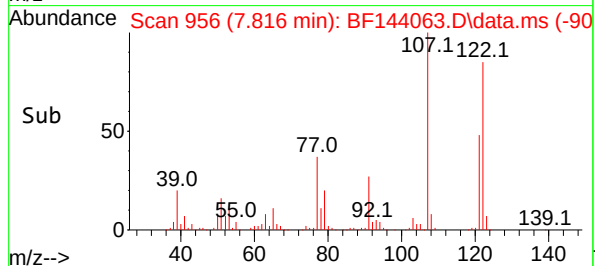
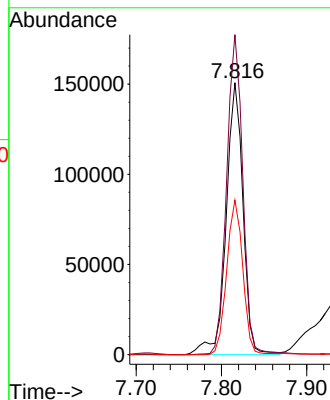
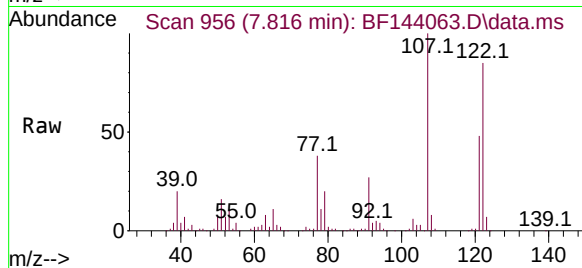
Tgt Ion:122 Resp: 207224

Ion Ratio Lower Upper

122 100

107 117.7 91.8 137.8

121 56.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 70.566 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

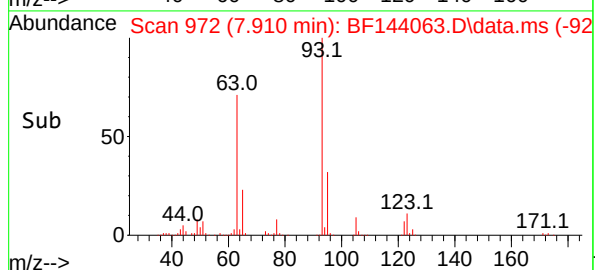
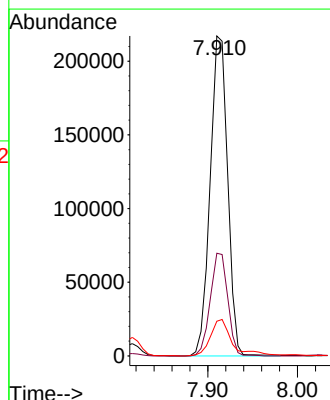
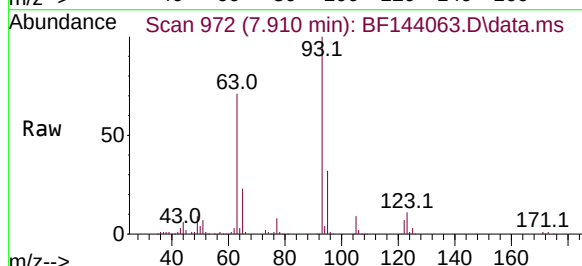
Tgt Ion: 93 Resp: 293996

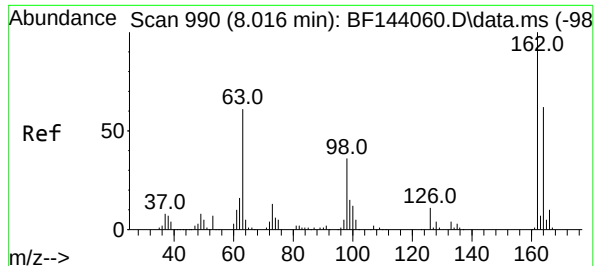
Ion Ratio Lower Upper

93 100

95 32.1 24.6 36.8

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 69.232 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

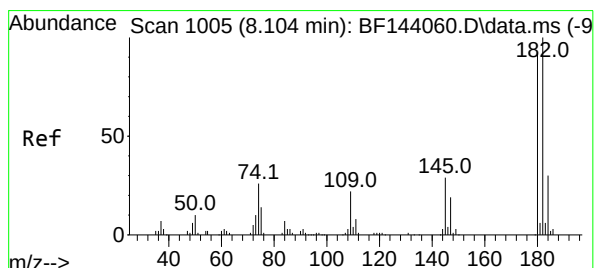
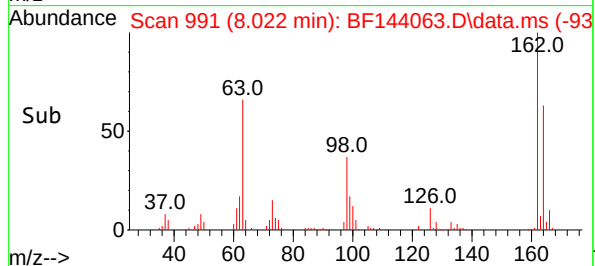
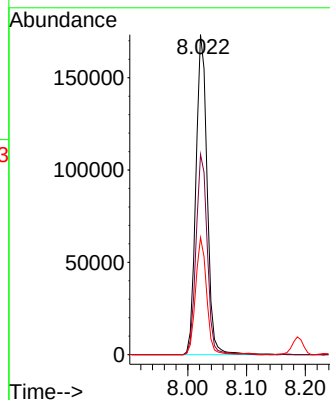
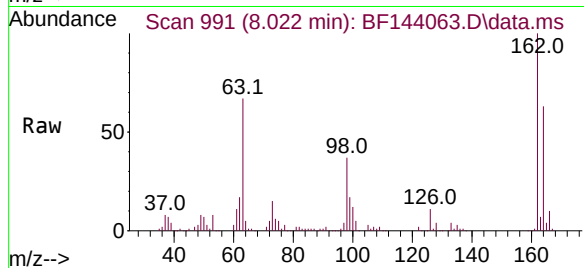
Tgt Ion:162 Resp: 230075

Ion Ratio Lower Upper

162 100

164 62.6 42.1 82.1

98 36.6 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 70.150 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

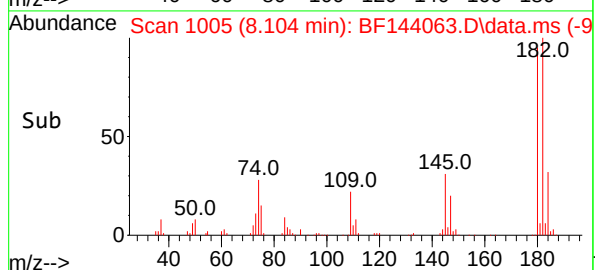
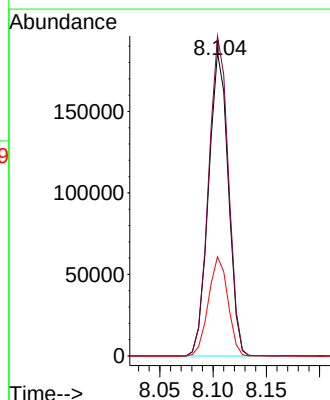
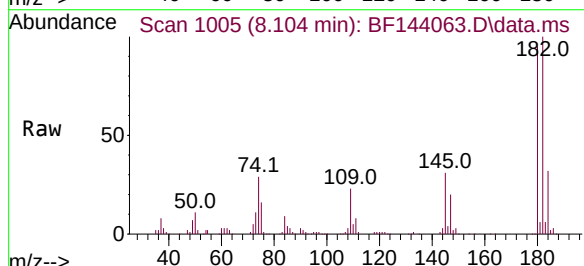
Tgt Ion:180 Resp: 239831

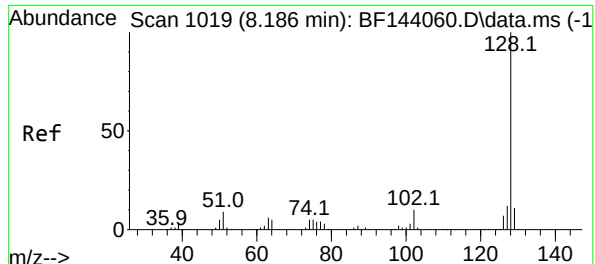
Ion Ratio Lower Upper

180 100

182 105.4 87.1 130.7

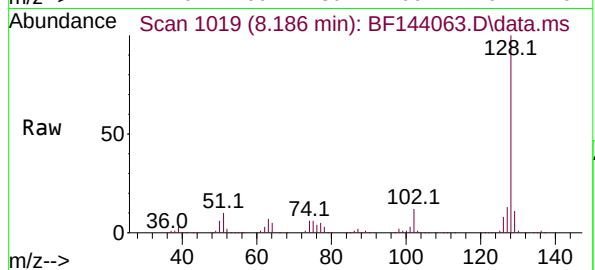
145 32.6 25.3 37.9



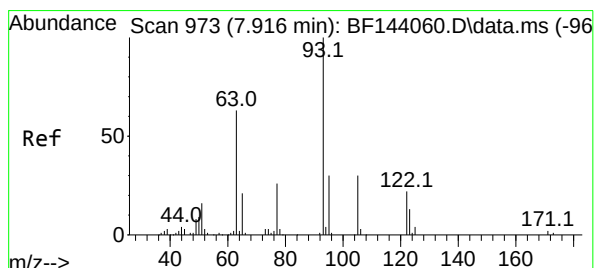
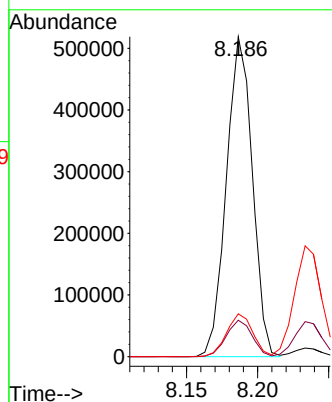
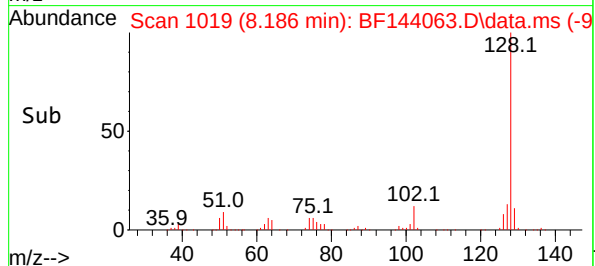


#31
Naphthalene
Concen: 66.812 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

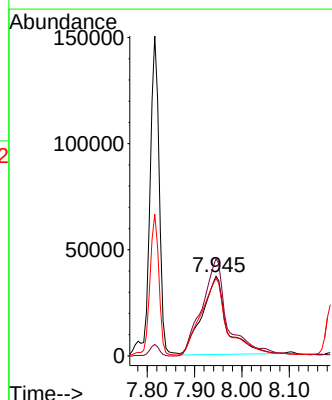
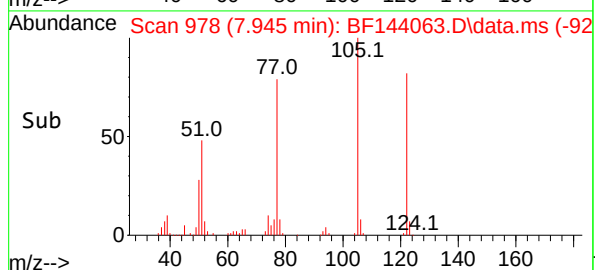
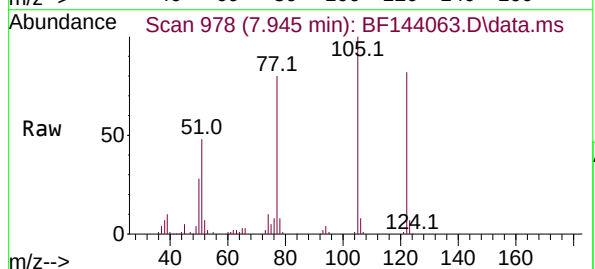


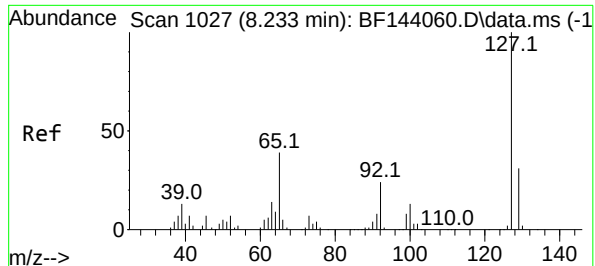
Tgt Ion:128 Resp: 660164
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.4 9.9 14.9



#32
Benzoic acid
Concen: 74.766 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.029 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:122 Resp: 135524
Ion Ratio Lower Upper
122 100
105 122.4 111.3 151.3
77 97.7 96.7 136.7



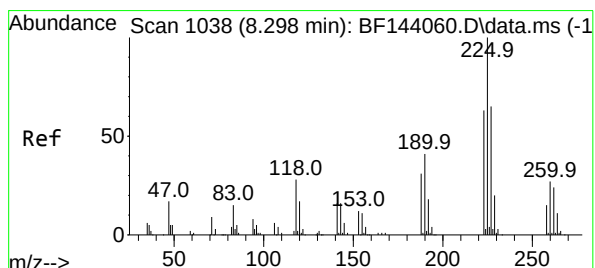
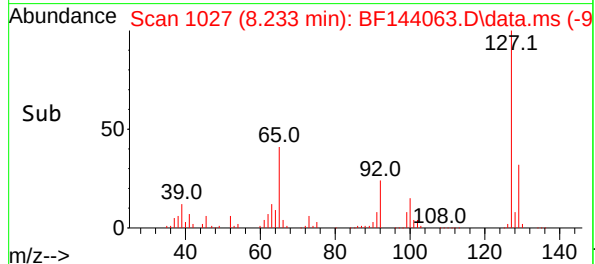
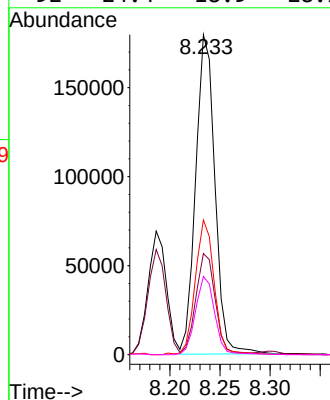
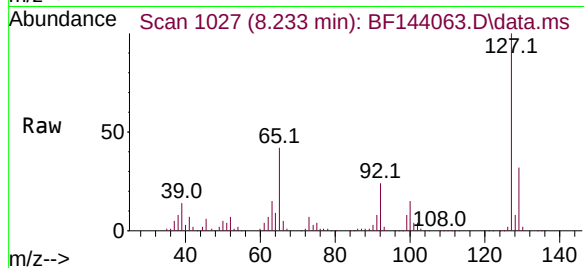


#33
4-Chloroaniline
Concen: 69.535 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 239182

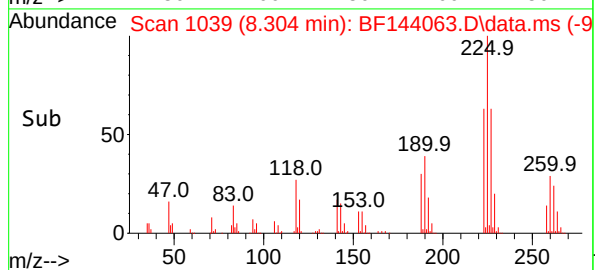
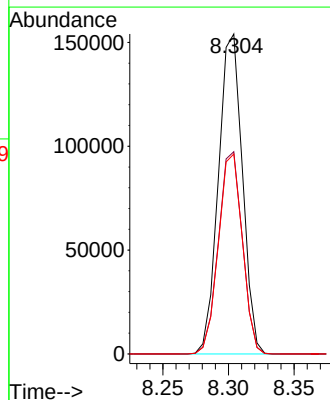
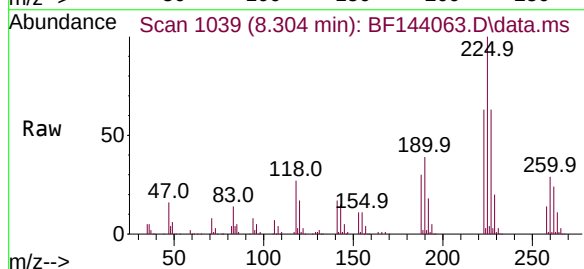
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.6	38.4
65	42.1	30.9	46.3
92	24.4	18.9	28.3

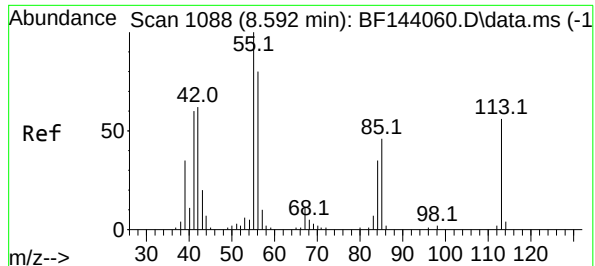


#34
Hexachlorobutadiene
Concen: 70.141 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:225 Resp: 196083

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	62.5	51.8	77.8





#35

Caprolactam

Concen: 75.462 ng

RT: 8.622 min Scan# 1109

Delta R.T. 0.029 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

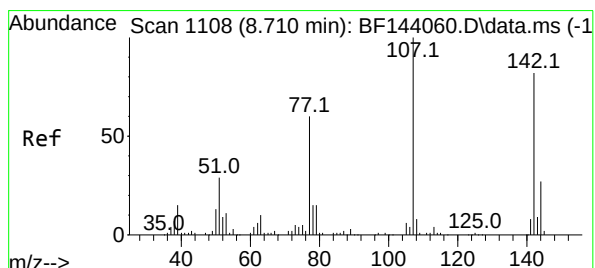
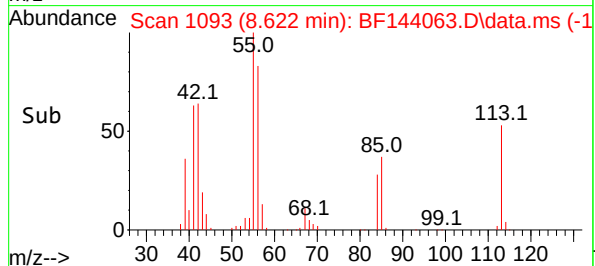
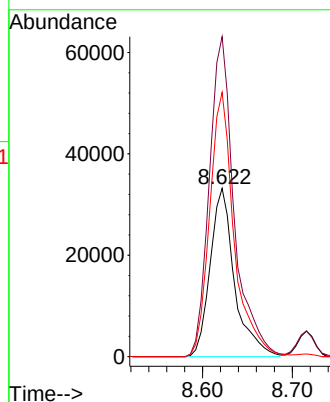
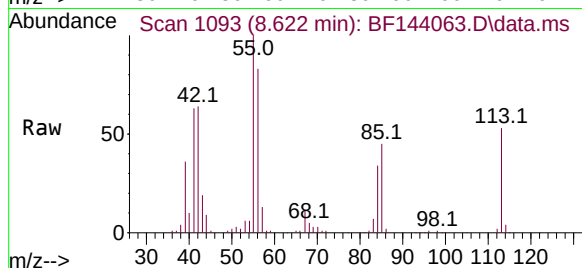
Tgt Ion:113 Resp: 62887

Ion Ratio Lower Upper

113 100

55 190.2 160.1 200.1

56 157.0 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 71.352 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

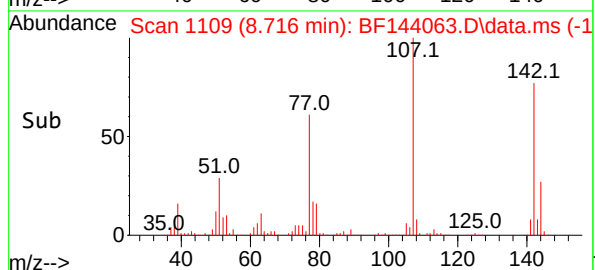
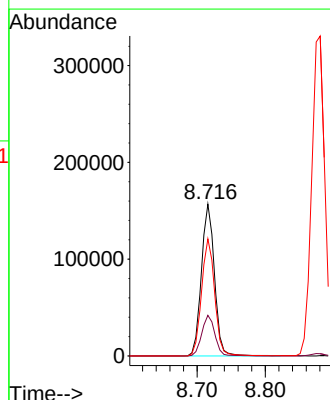
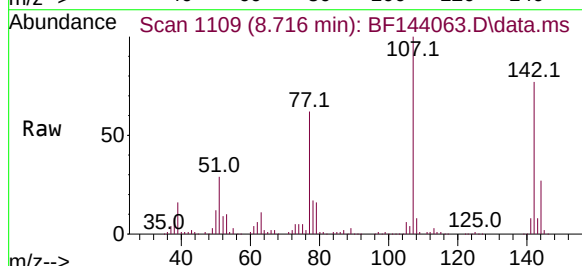
Tgt Ion:107 Resp: 209253

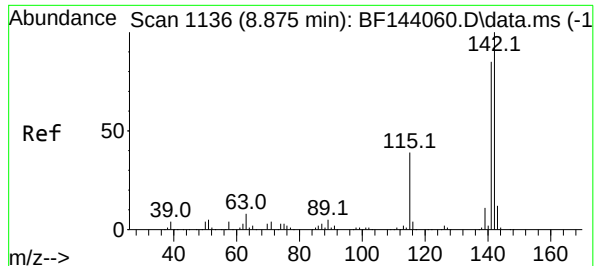
Ion Ratio Lower Upper

107 100

144 26.7 21.6 32.4

142 77.1 65.4 98.0





#37

2-Methylnaphthalene

Concen: 67.385 ng

RT: 8.880 min Scan# 1136

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

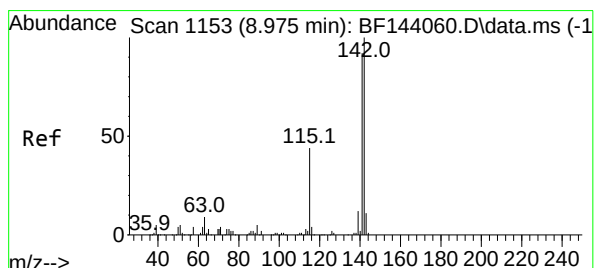
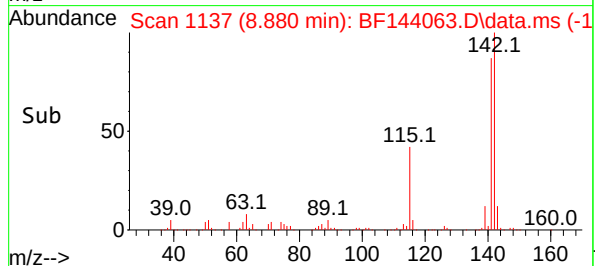
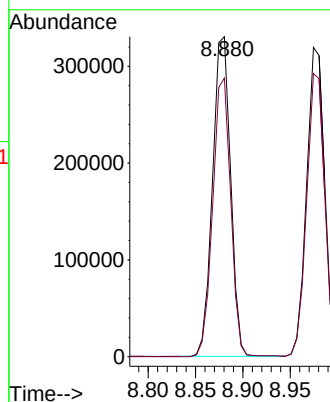
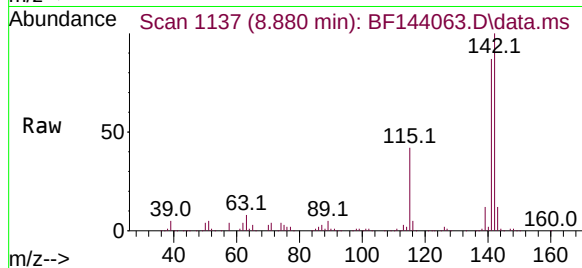
SSTDICC080

Tgt Ion:142 Resp: 438984

Ion Ratio Lower Upper

142 100

141 87.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 67.761 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144063.D

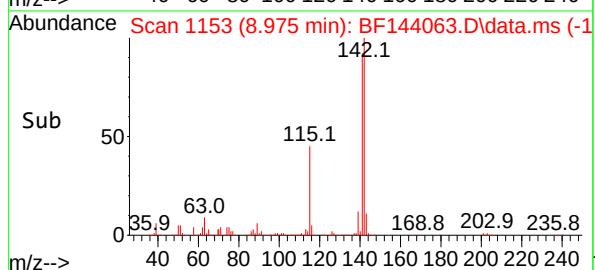
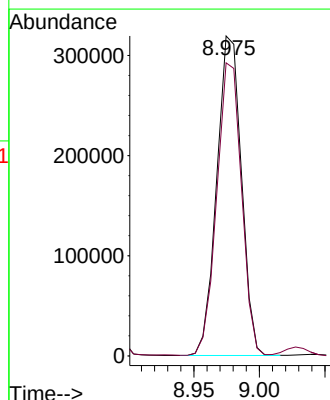
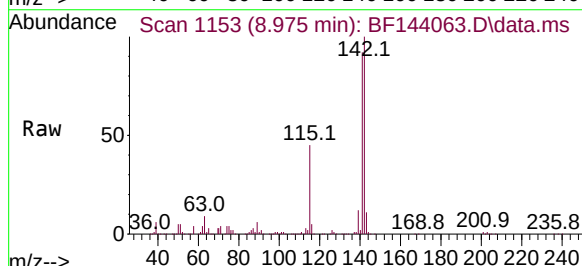
Acq: 24 Oct 2025 14:32

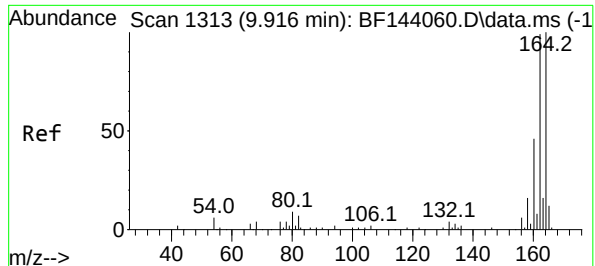
Tgt Ion:142 Resp: 418223

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

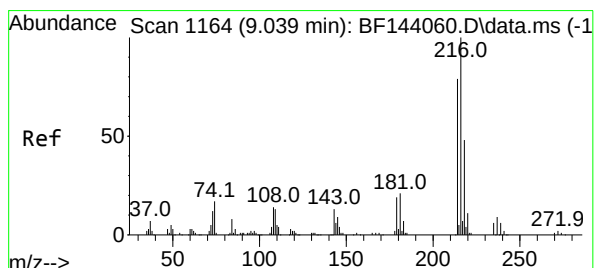
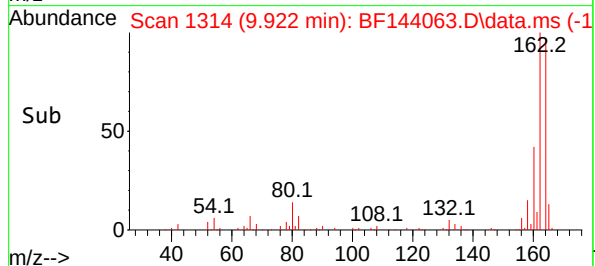
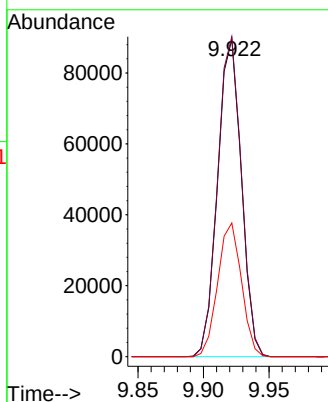
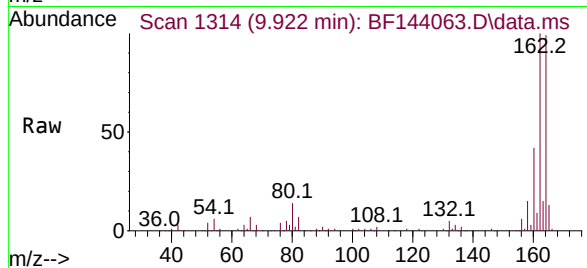
Tgt Ion:164 Resp: 112793

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 42.2 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.873 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:216 Resp: 263109

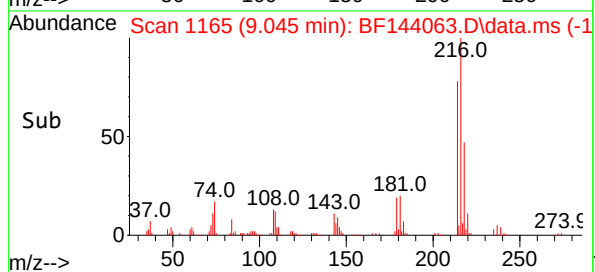
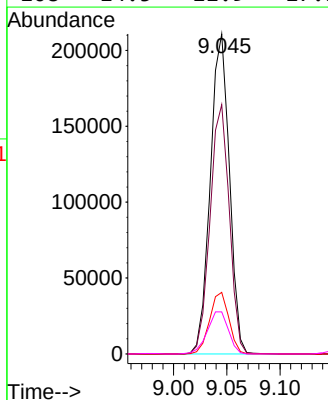
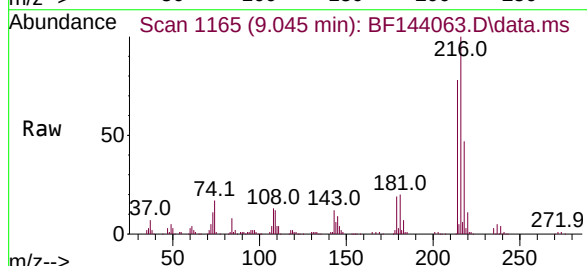
Ion Ratio Lower Upper

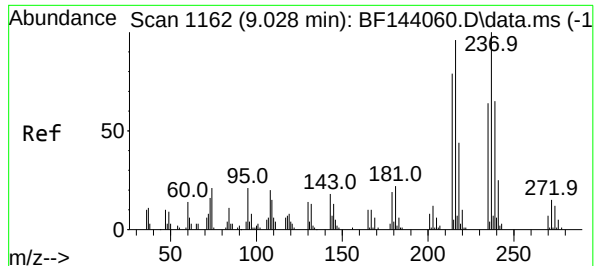
216 100

214 78.5 63.2 94.8

179 19.4 15.2 22.8

108 14.5 11.9 17.9

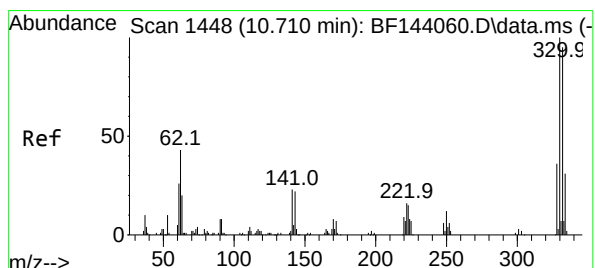
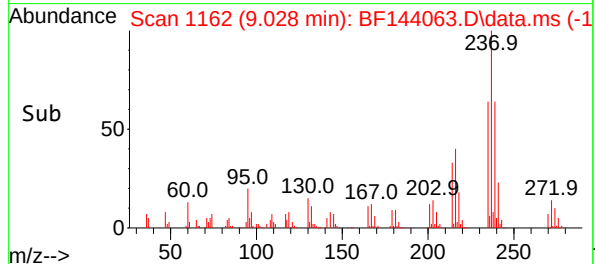
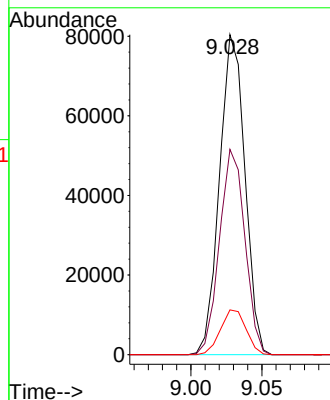
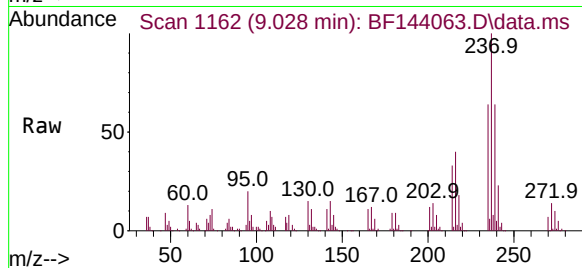




#41
Hexachlorocyclopentadiene
Concen: 83.468 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

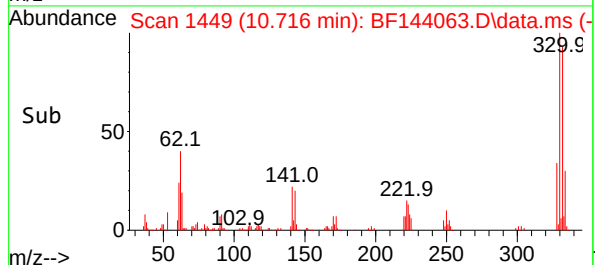
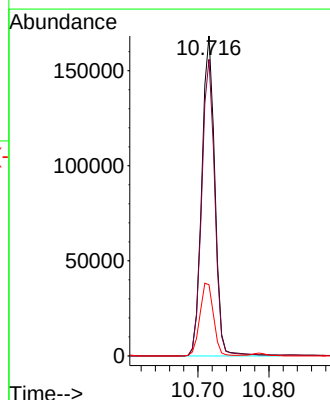
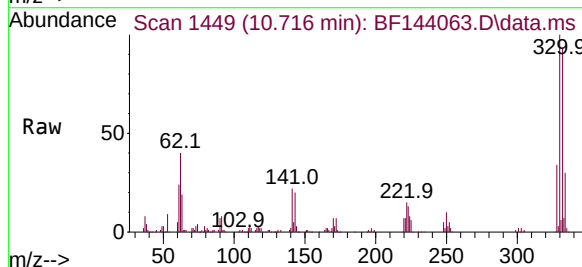
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

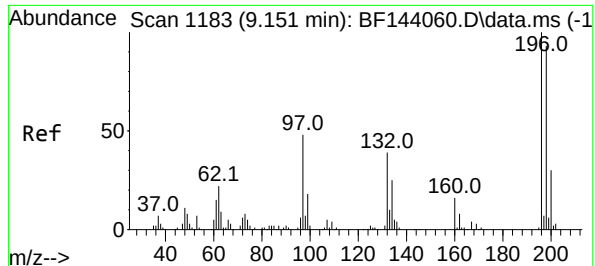
Tgt Ion: 237 Resp: 99937
Ion Ratio Lower Upper
237 100
235 64.1 44.3 84.3
272 14.0 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 148.116 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 330 Resp: 212808
Ion Ratio Lower Upper
330 100
332 93.0 77.0 115.6
141 23.8 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 69.040 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

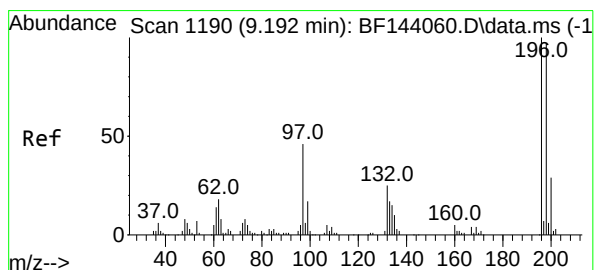
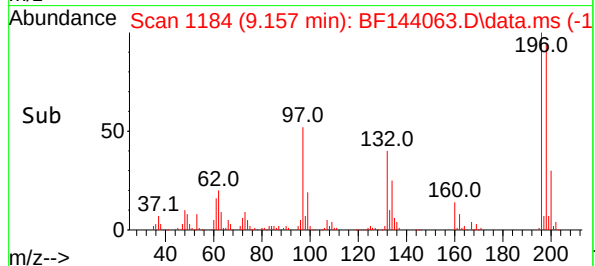
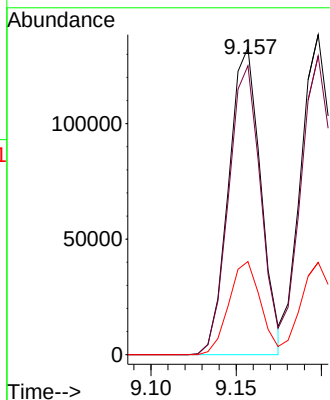
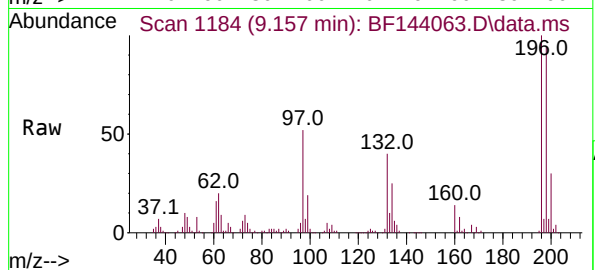
Tgt Ion:196 Resp: 173959

Ion Ratio Lower Upper

196 100

198 94.1 74.4 111.6

200 30.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 71.565 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:196 Resp: 189248

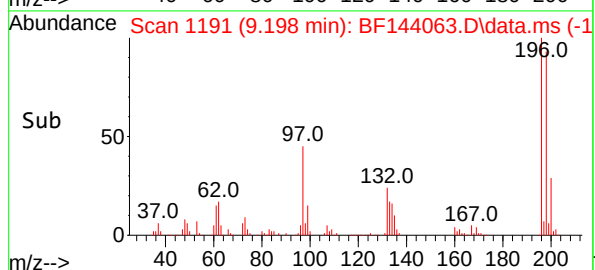
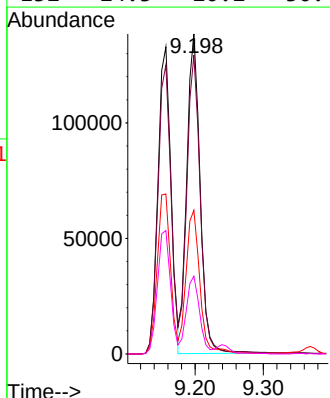
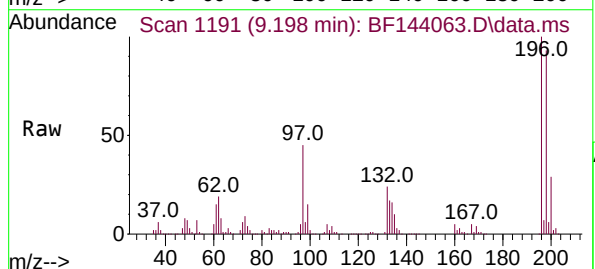
Ion Ratio Lower Upper

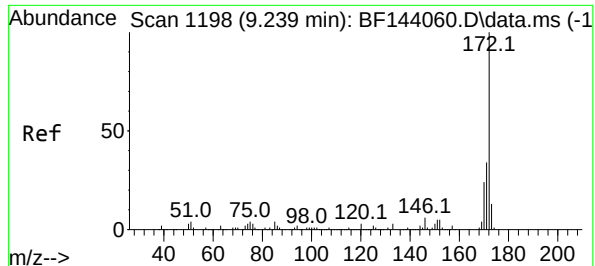
196 100

198 93.4 78.0 117.0

97 44.9 37.7 56.5

132 24.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 131.050 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

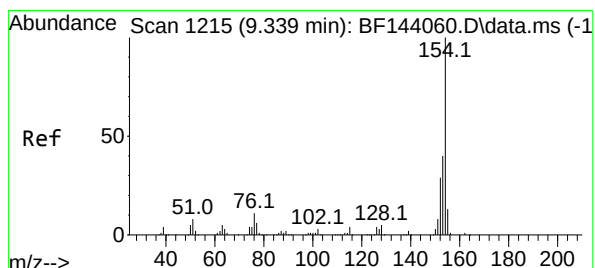
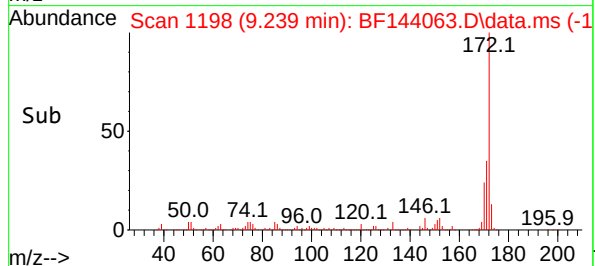
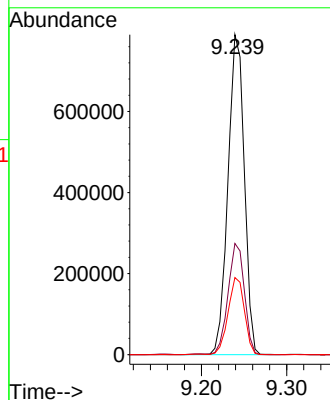
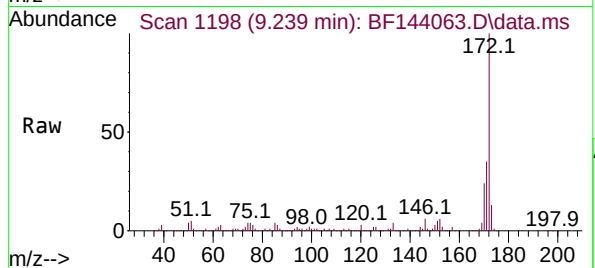
Tgt Ion:172 Resp: 1050410

Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 65.690 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

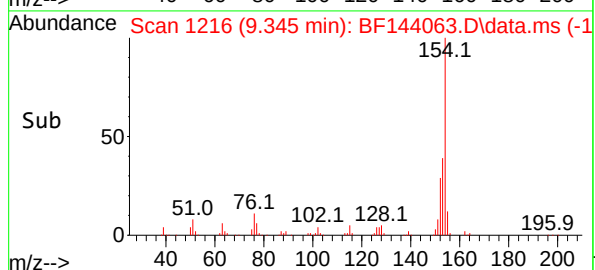
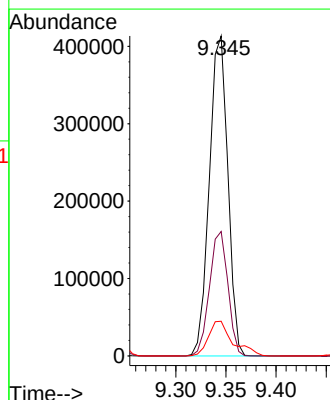
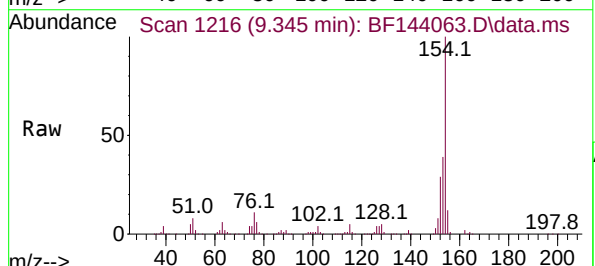
Tgt Ion:154 Resp: 530392

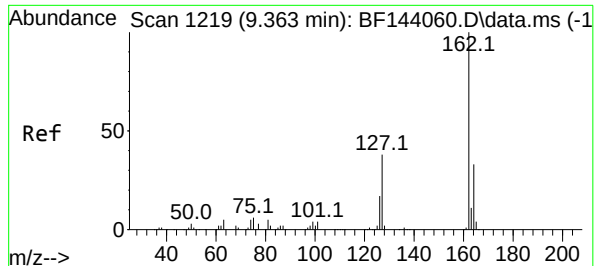
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 65.979 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

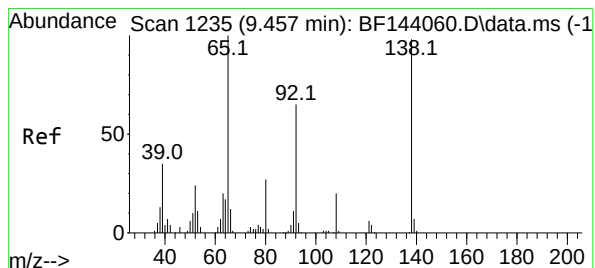
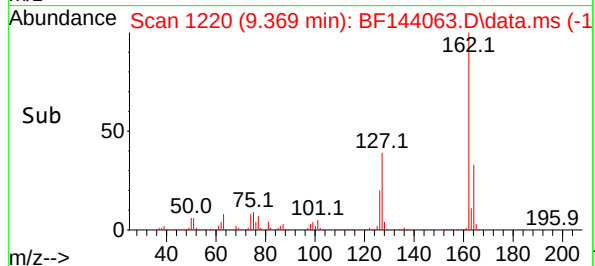
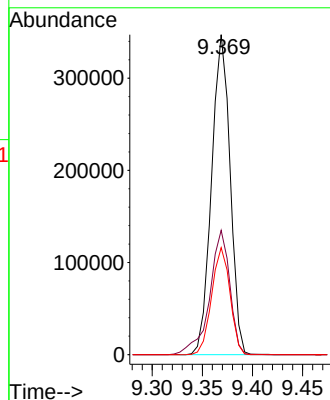
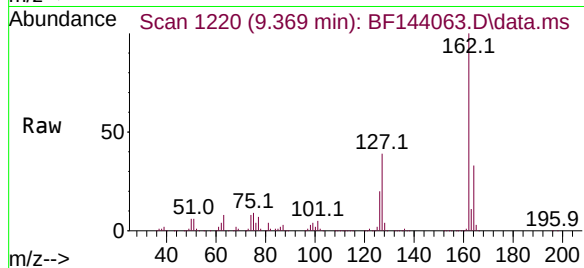
Tgt Ion:162 Resp: 446307

Ion Ratio Lower Upper

162 100

127 38.8 31.6 47.4

164 33.4 26.5 39.7



#48

2-Nitroaniline

Concen: 73.762 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

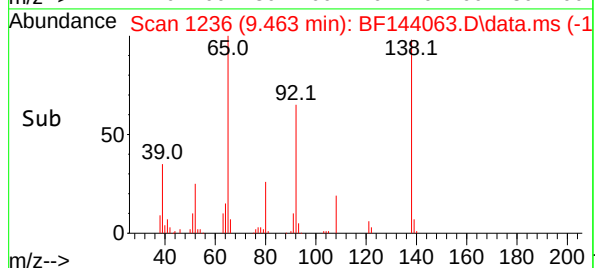
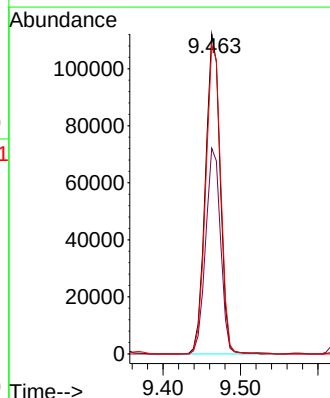
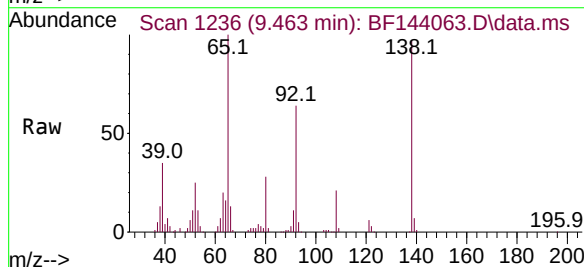
Tgt Ion: 65 Resp: 148164

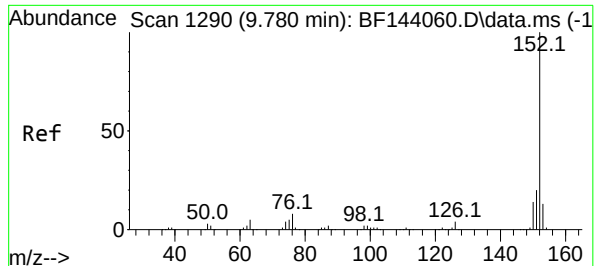
Ion Ratio Lower Upper

65 100

92 64.3 52.3 78.5

138 96.5 78.3 117.5





#49

Acenaphthylene

Concen: 66.126 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

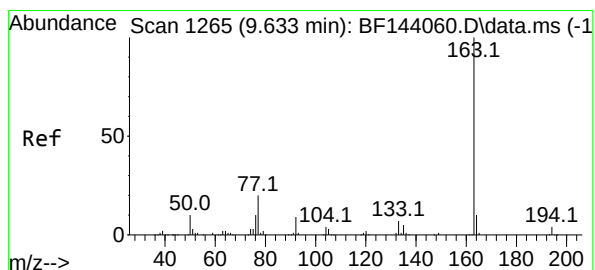
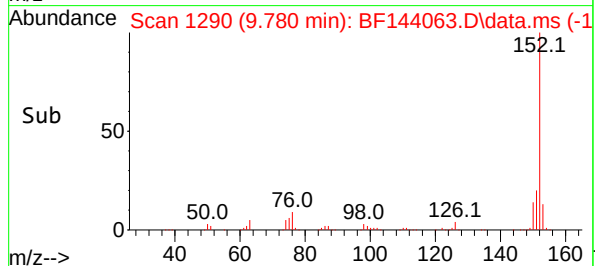
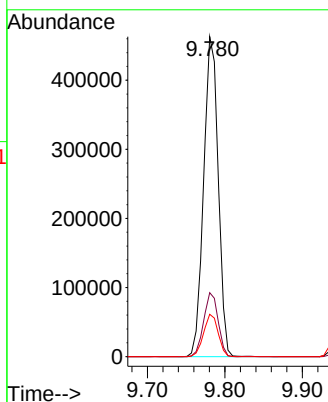
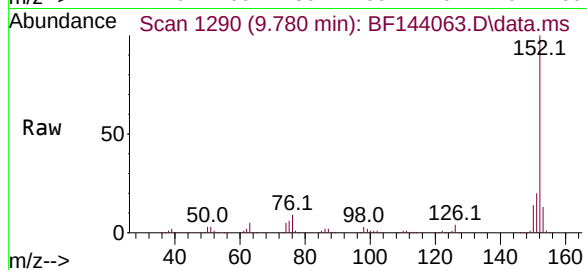
Tgt Ion:152 Resp: 603127

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 69.954 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

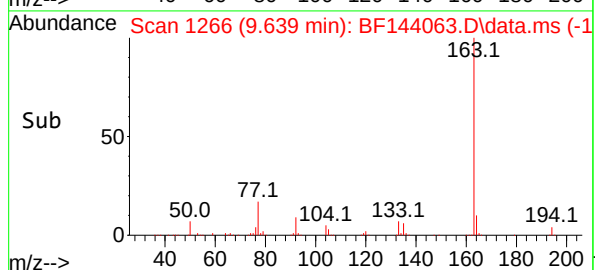
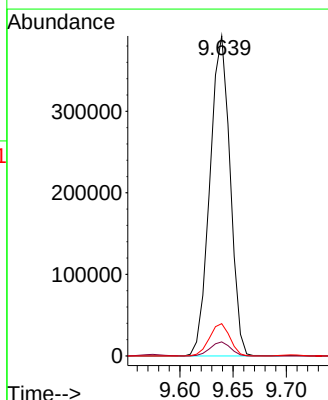
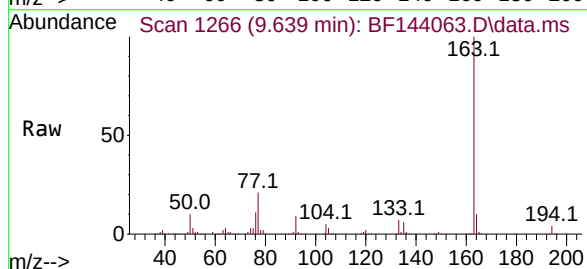
Tgt Ion:163 Resp: 517194

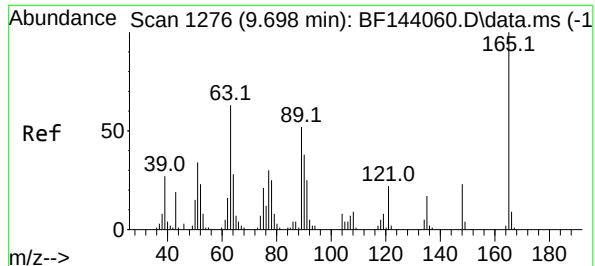
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 73.947 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

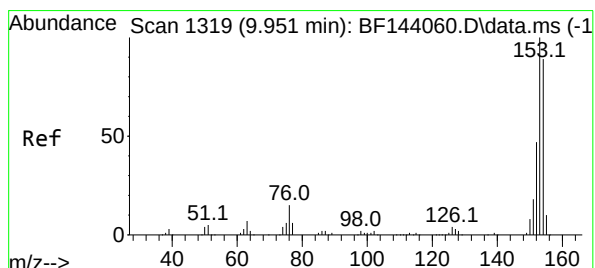
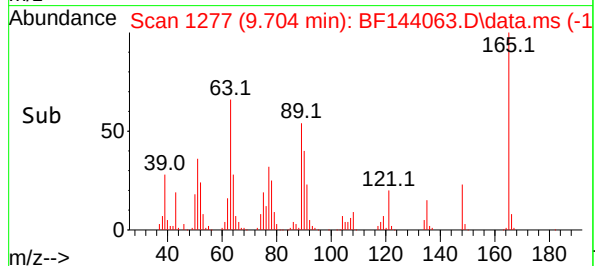
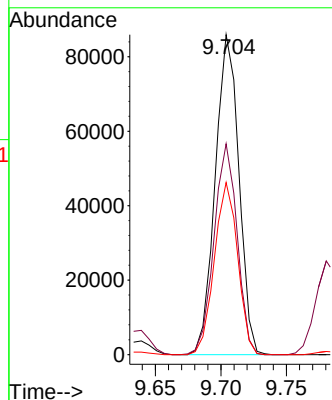
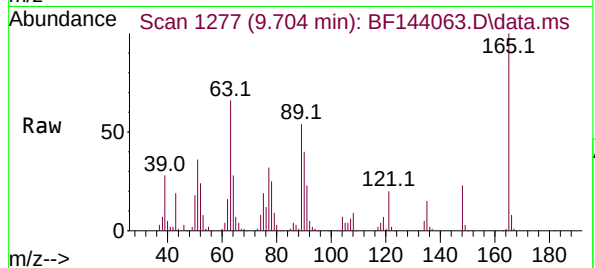
Tgt Ion:165 Resp: 108081

Ion Ratio Lower Upper

165 100

63 65.9 50.4 75.6

89 53.8 41.4 62.2



#52

Acenaphthene

Concen: 67.707 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

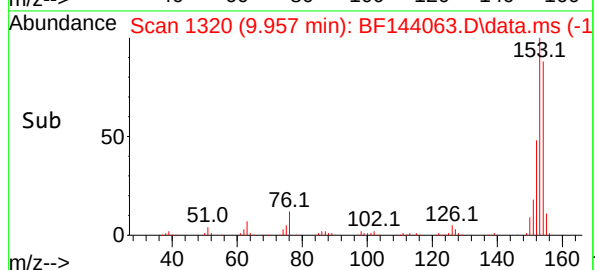
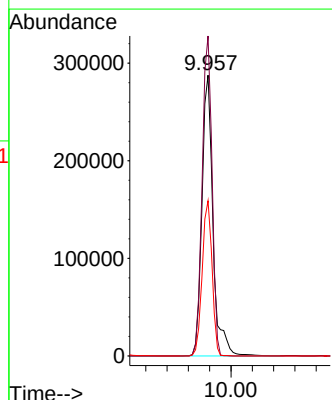
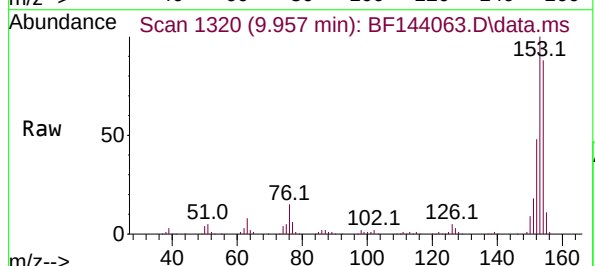
Tgt Ion:154 Resp: 412422

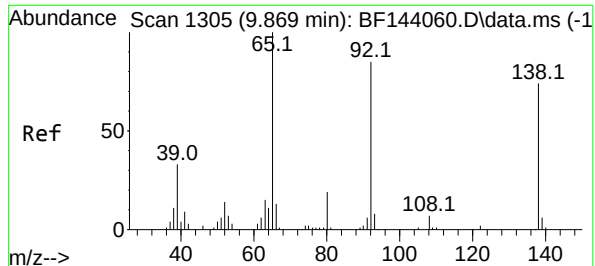
Ion Ratio Lower Upper

154 100

153 114.0 89.9 134.9

152 55.3 42.0 63.0





#53

3-Nitroaniline

Concen: 69.421 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

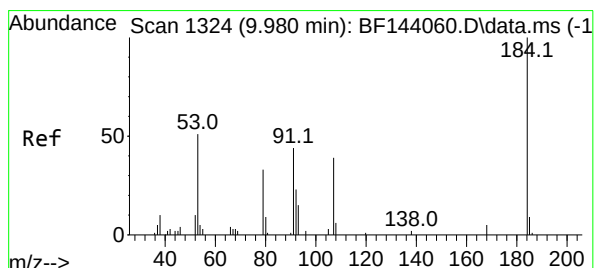
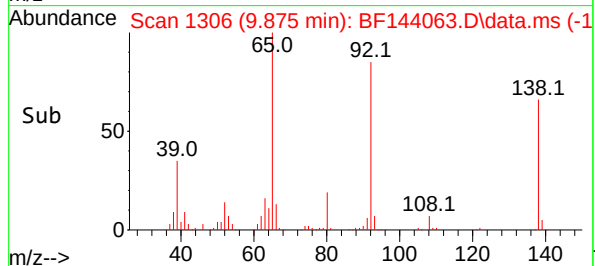
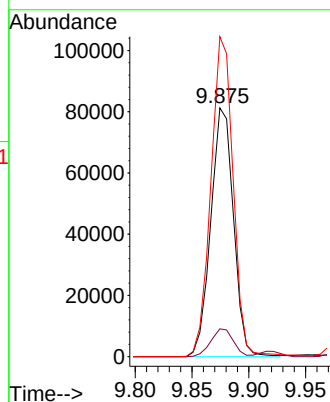
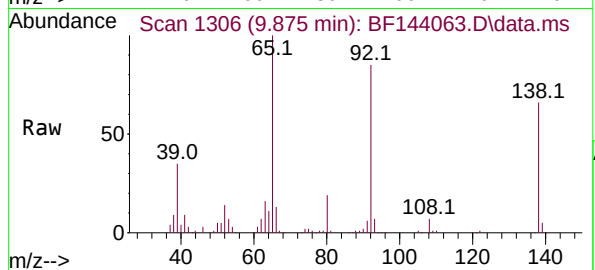
Tgt Ion:138 Resp: 112811

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

92 128.6 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 79.646 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

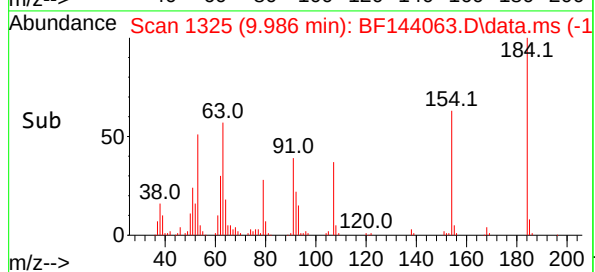
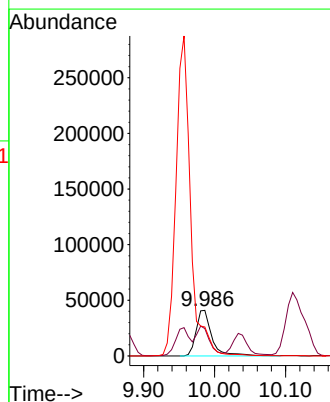
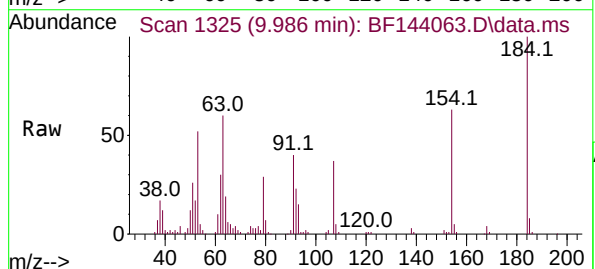
Tgt Ion:184 Resp: 62962

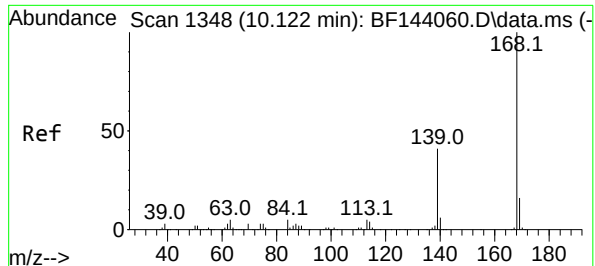
Ion Ratio Lower Upper

184 100

63 59.8 52.1 78.1

154 63.3 47.9 71.9





#55

Dibenzofuran

Concen: 66.253 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

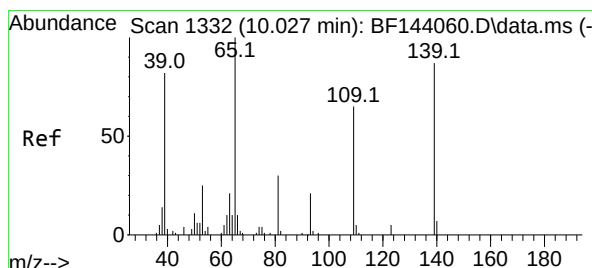
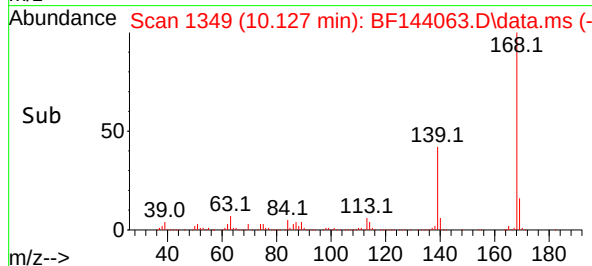
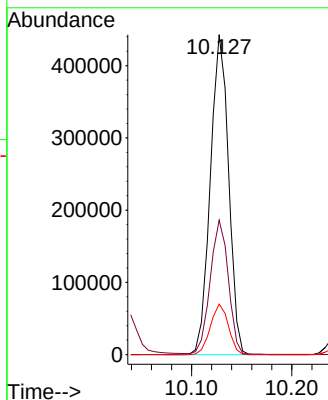
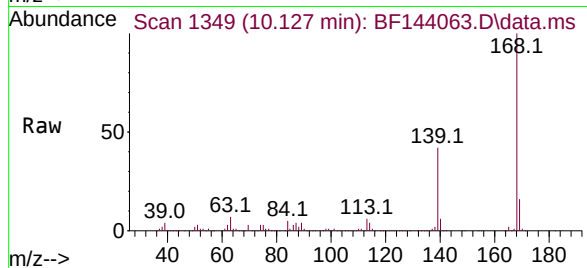
Tgt Ion:168 Resp: 560264

Ion Ratio Lower Upper

168 100

139 42.0 33.2 49.8

169 15.8 12.6 19.0



#56

4-Nitrophenol

Concen: 75.509 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

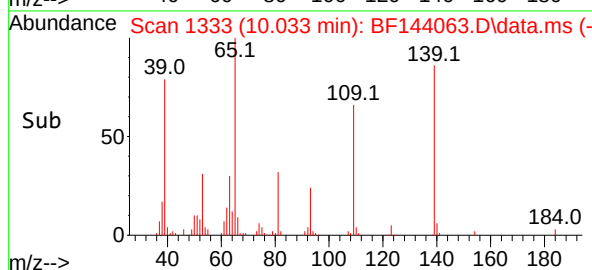
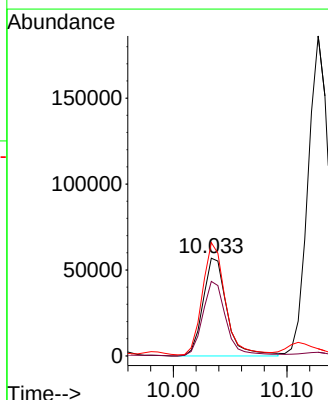
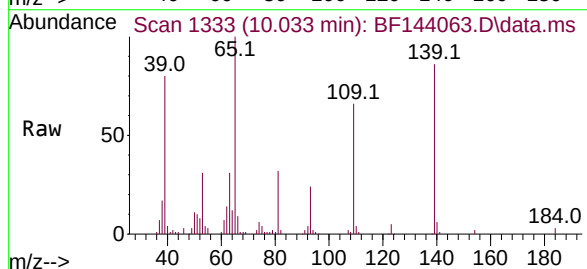
Tgt Ion:139 Resp: 83091

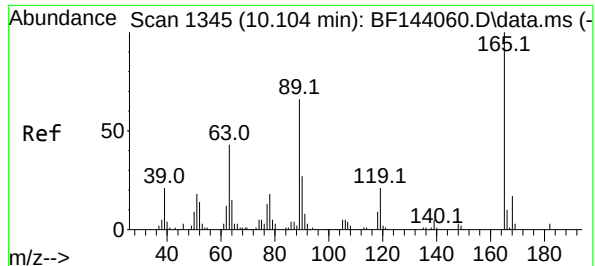
Ion Ratio Lower Upper

139 100

109 76.3 53.8 93.8

65 115.9 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 73.844 ng

RT: 10.110 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 145667

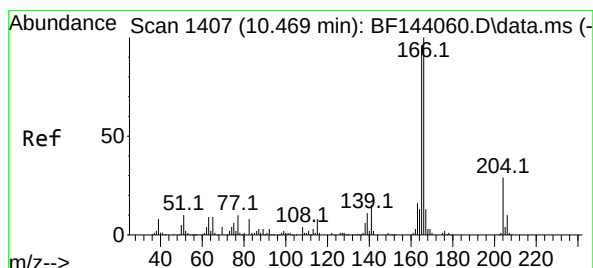
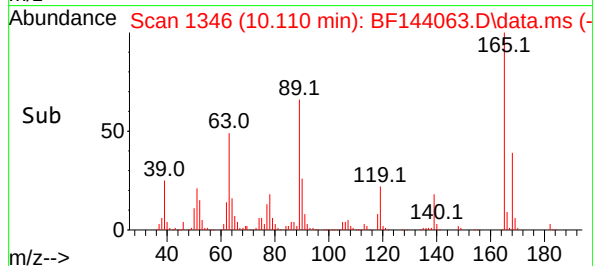
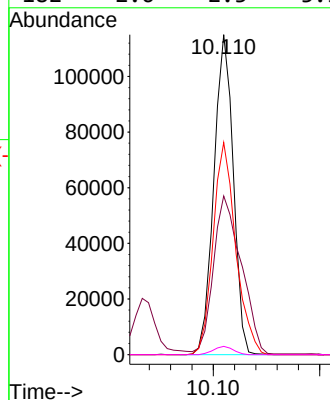
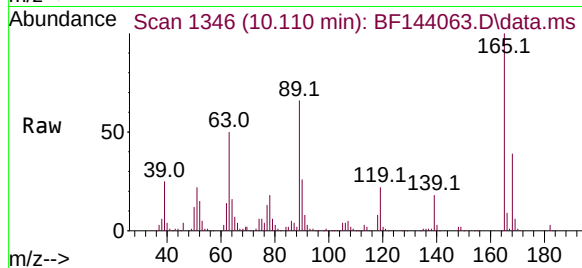
Ion Ratio Lower Upper

165 100

63 49.6 35.4 53.2

89 66.3 52.7 79.1

182 2.6 2.3 3.5



#58

Fluorene

Concen: 66.175 ng

RT: 10.474 min Scan# 1408

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

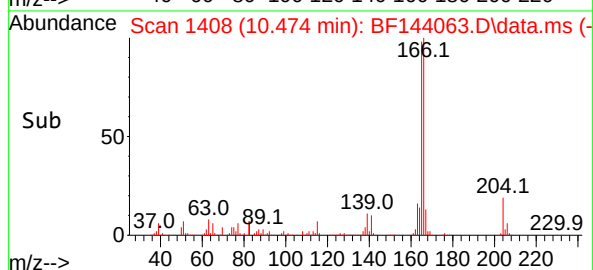
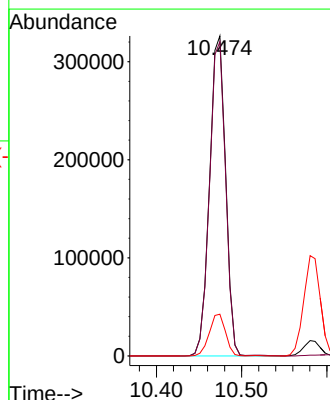
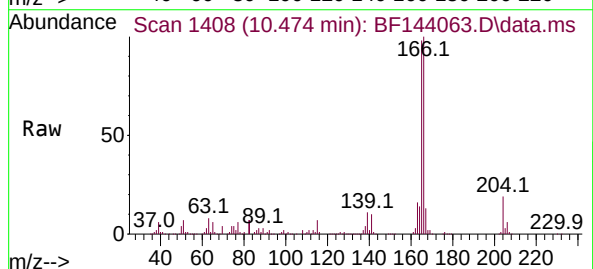
Tgt Ion:166 Resp: 426390

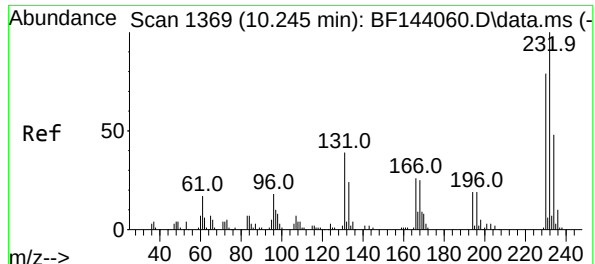
Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.4

167 13.0 10.2 15.4

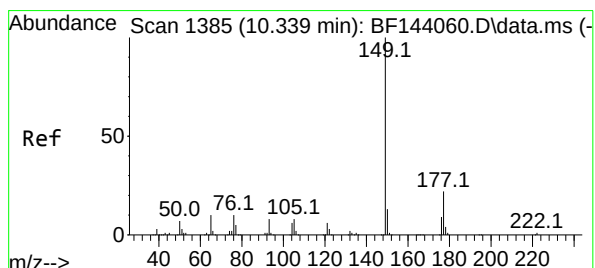
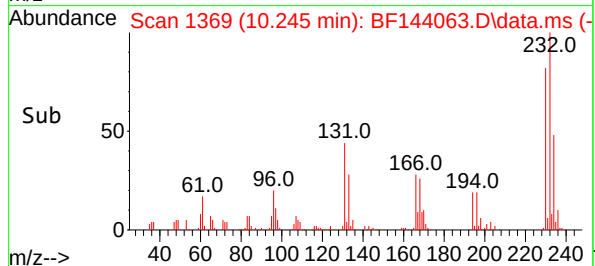
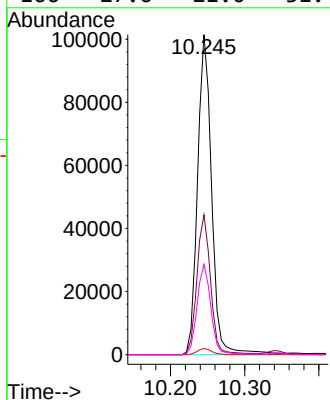
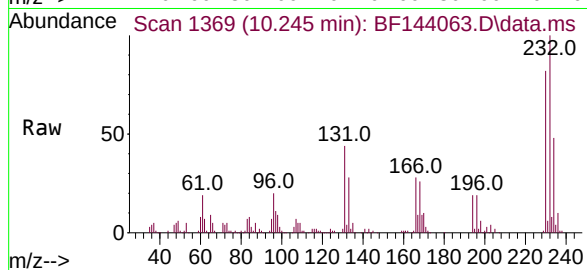




#59
2,3,4,6-Tetrachlorophenol
Concen: 71.865 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

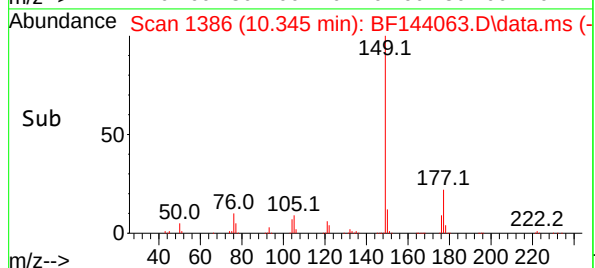
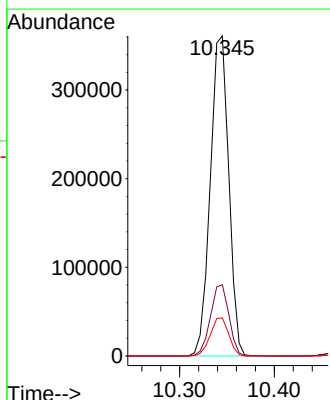
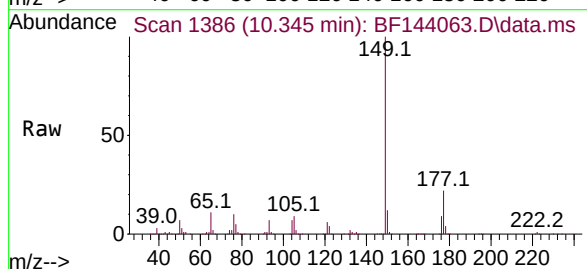
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

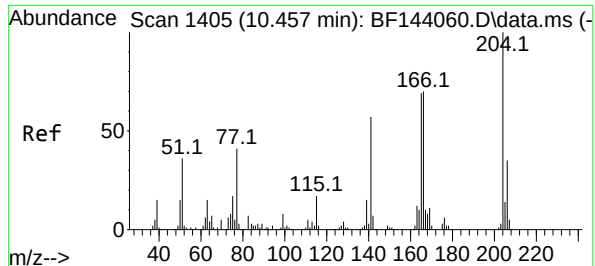
Tgt Ion:232 Resp: 133917
Ion Ratio Lower Upper
232 100
131 42.4 31.9 47.9
130 1.9 1.1 1.7#
166 27.6 21.0 31.4



#60
Diethylphthalate
Concen: 70.274 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:149 Resp: 488605
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.9 10.1 15.1

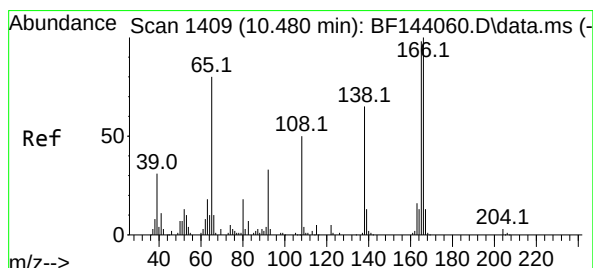
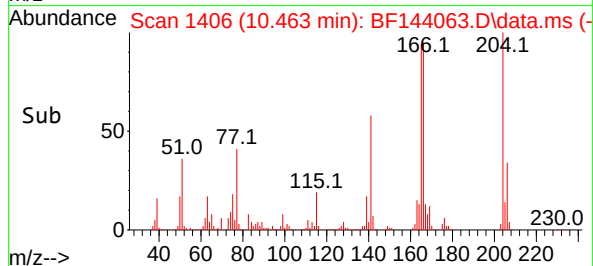
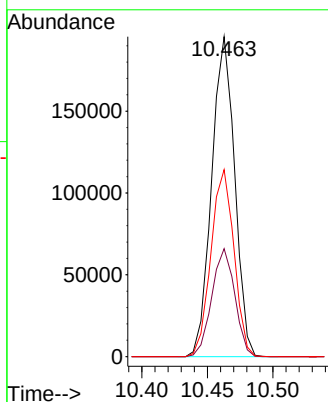
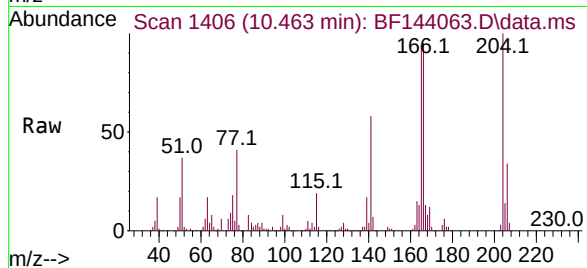




#61
4-Chlorophenyl-phenylether
Concen: 65.871 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

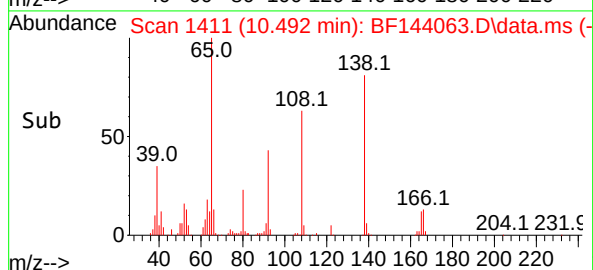
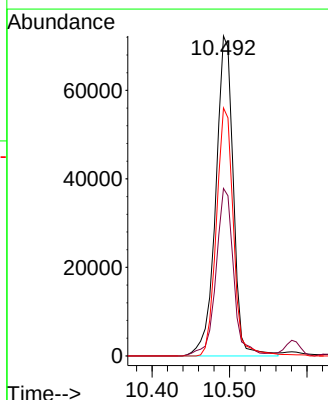
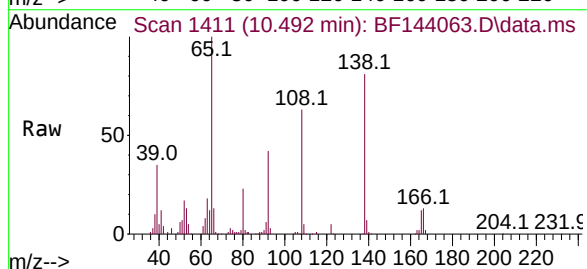
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

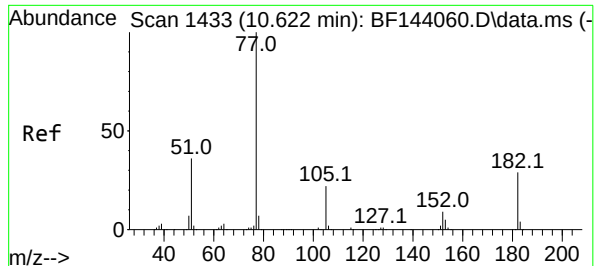
Tgt Ion:204 Resp: 238684
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 58.4 45.4 68.2



#62
4-Nitroaniline
Concen: 73.997 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:138 Resp: 113935
Ion Ratio Lower Upper
138 100
92 52.3 30.5 70.5
108 77.5 56.2 96.2

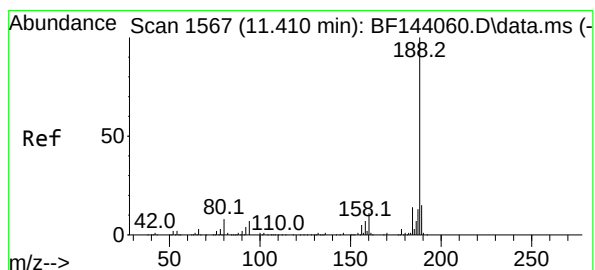
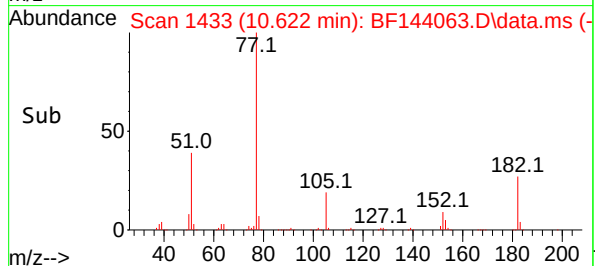
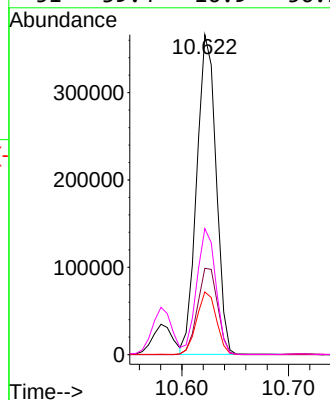
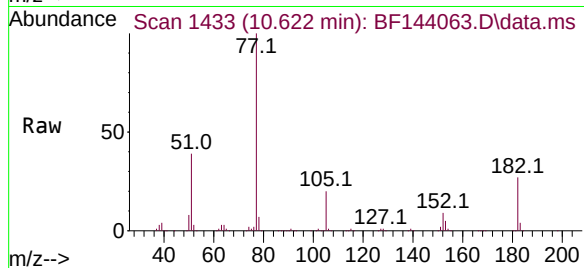




#63
Azobenzene
Concen: 69.934 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

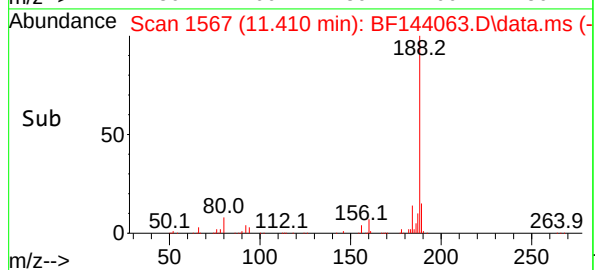
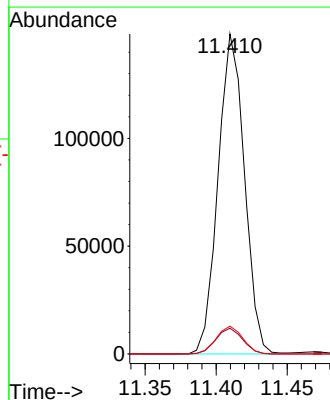
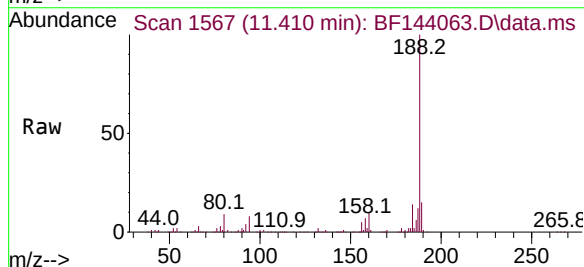
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

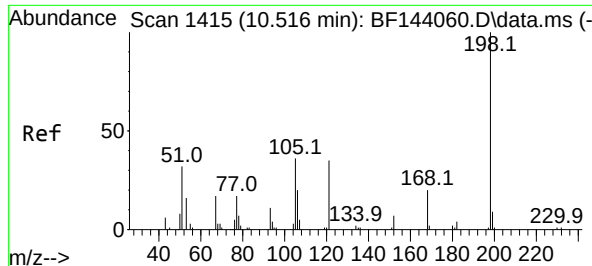
Tgt Ion: 77 Resp: 460222
Ion Ratio Lower Upper
77 100
182 27.0 9.0 49.0
105 19.6 1.4 41.4
51 39.4 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 188 Resp: 191608
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.0
80 8.7 6.0 9.0

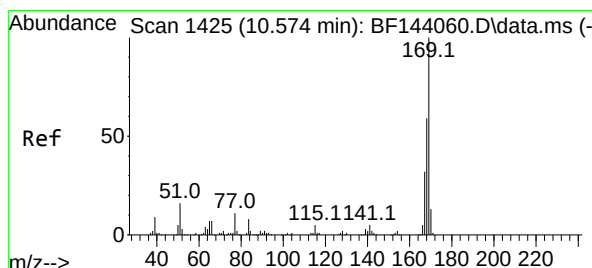
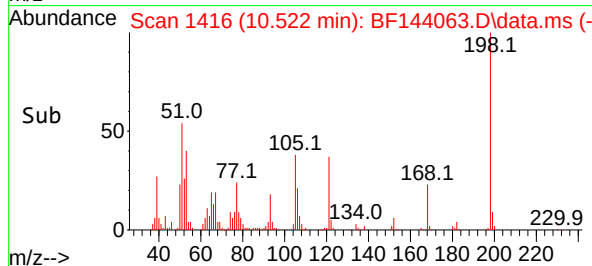
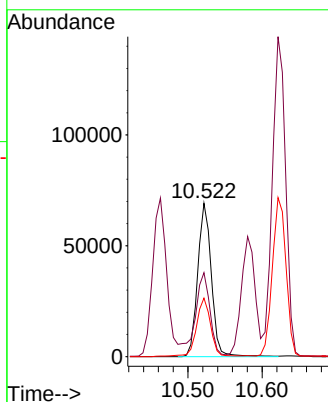
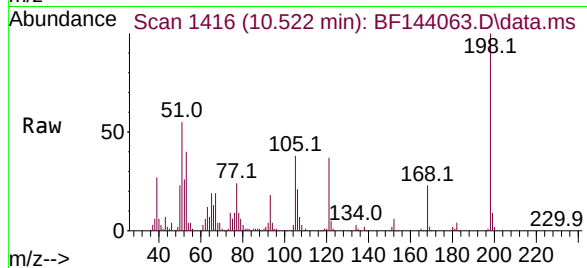




#65
4,6-Dinitro-2-methylphenol
Concen: 72.027 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

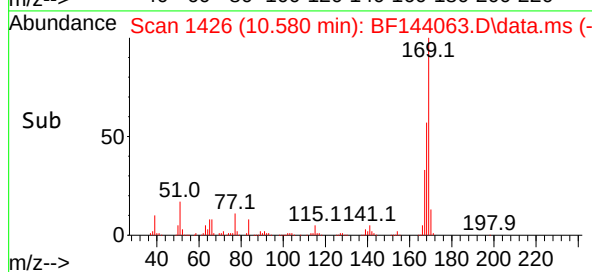
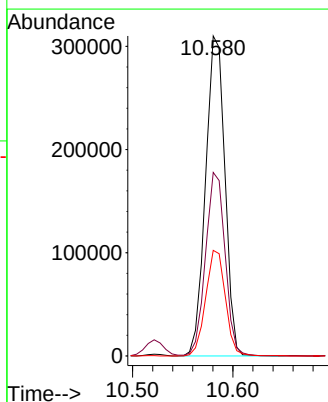
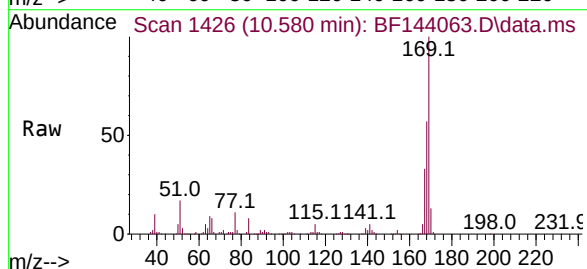
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

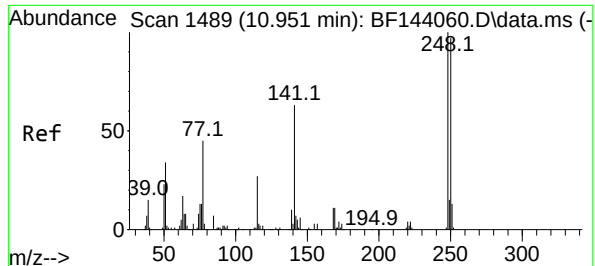
Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.7	25.8	65.8
105	38.1	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 67.908 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.3	47.4	71.2
167	33.0	25.5	38.3

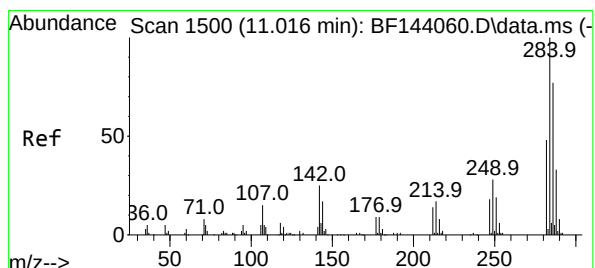
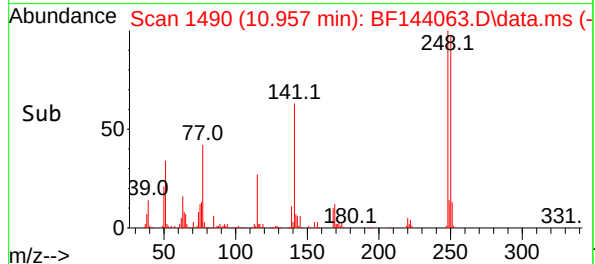
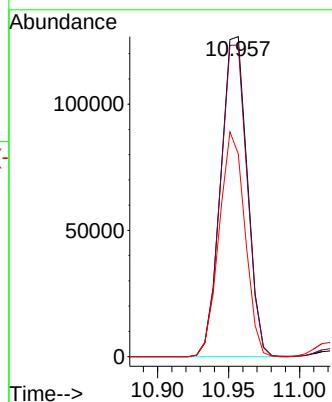
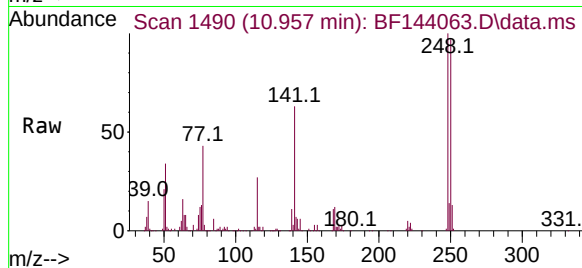




#67
4-Bromophenyl-phenylether
Concen: 68.643 ng
RT: 10.957 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

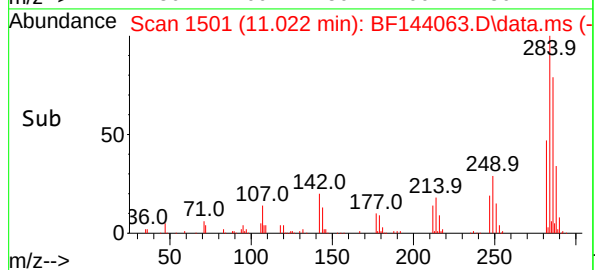
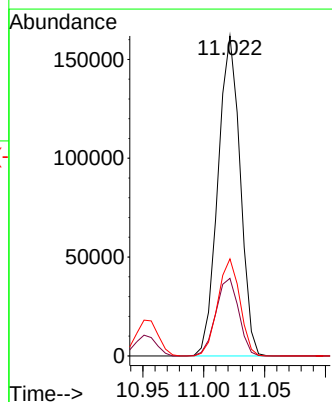
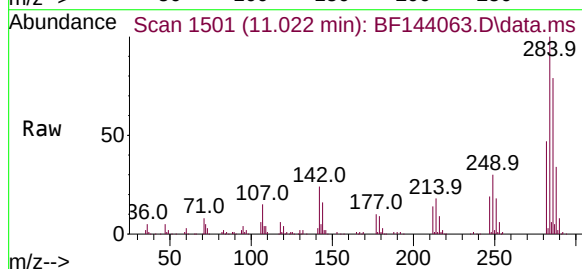
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

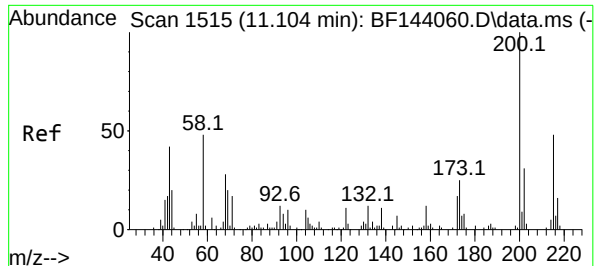
Tgt Ion:248 Resp: 164677
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 63.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 69.766 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:284 Resp: 205267
Ion Ratio Lower Upper
284 100
142 24.2 20.0 30.0
249 30.3 22.2 33.2





#69

Atrazine

Concen: 64.536 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

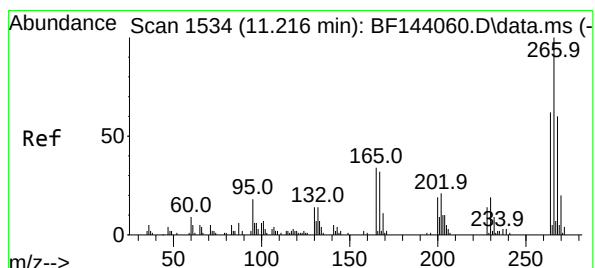
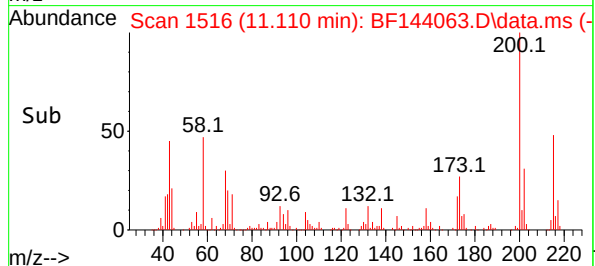
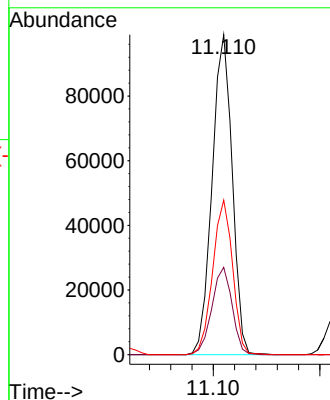
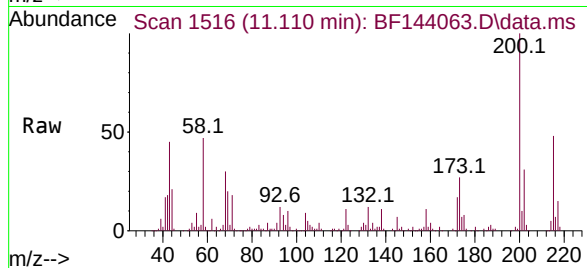
Tgt Ion:200 Resp: 129646

Ion Ratio Lower Upper

200 100

173 27.3 4.9 44.9

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 79.055 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

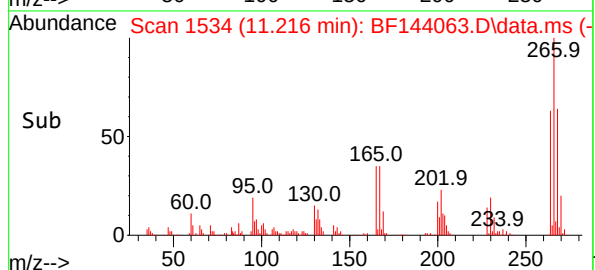
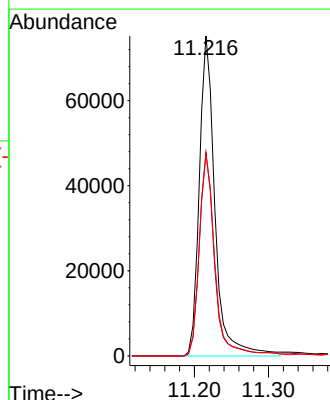
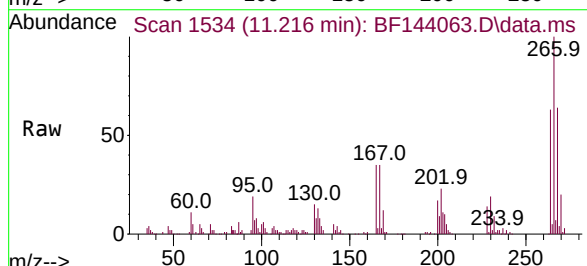
Tgt Ion:266 Resp: 110717

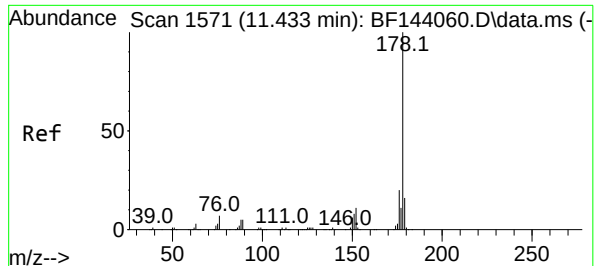
Ion Ratio Lower Upper

266 100

268 63.6 48.2 72.4

264 62.9 49.4 74.0

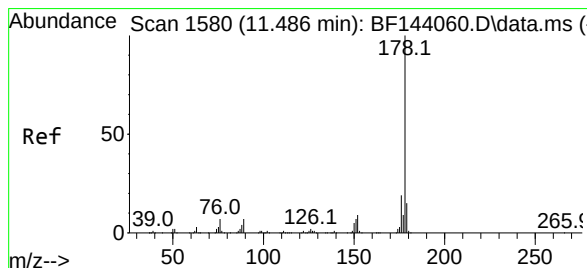
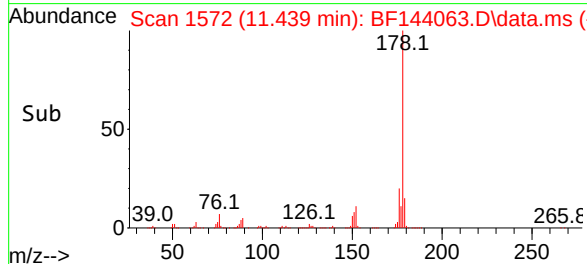
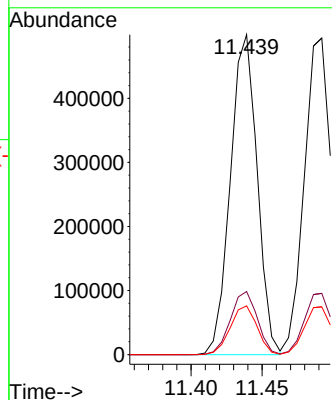
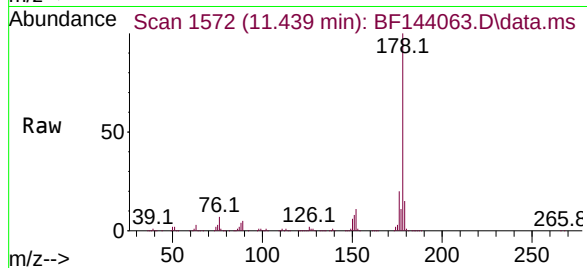




#71
Phenanthrene
Concen: 68.769 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

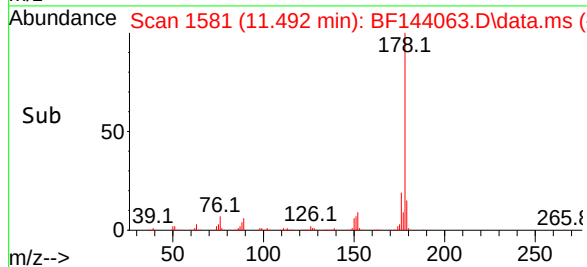
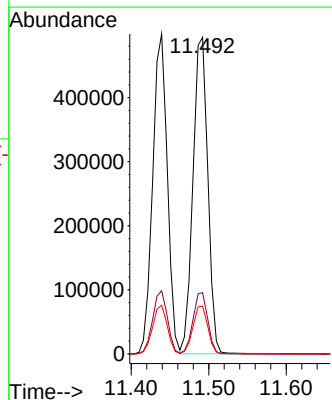
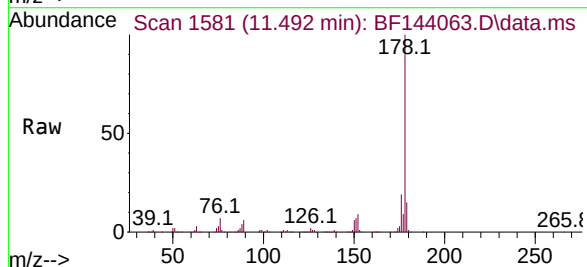
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

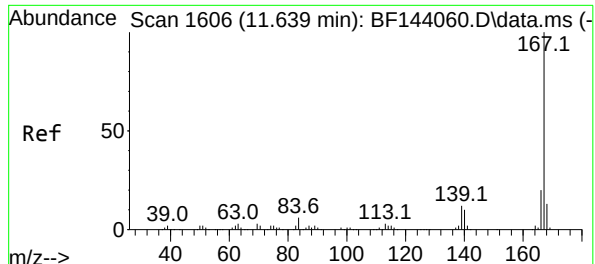
Tgt Ion:178 Resp: 654557
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.2 12.6 18.8



#72
Anthracene
Concen: 66.765 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

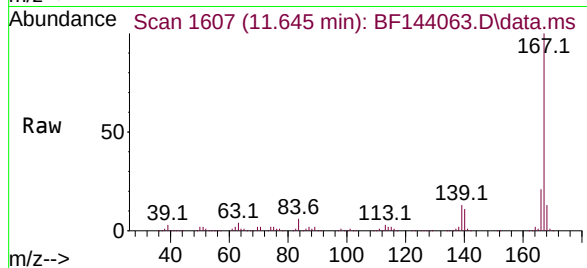
Tgt Ion:178 Resp: 656473
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.1 11.8 17.6



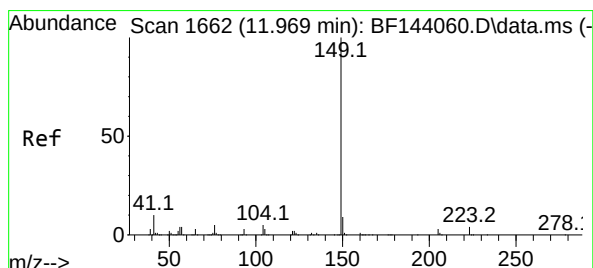
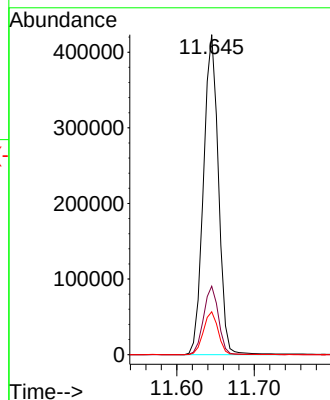
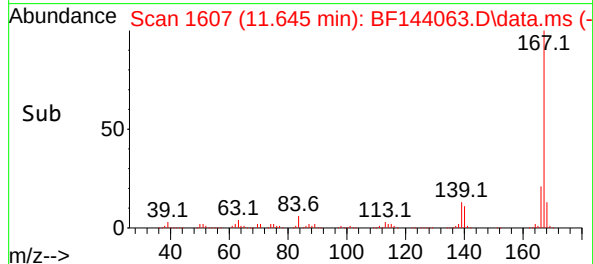


#73
Carbazole
Concen: 67.538 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

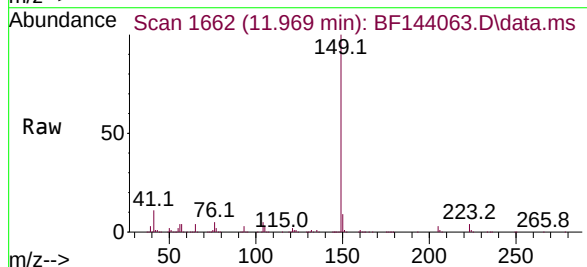
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



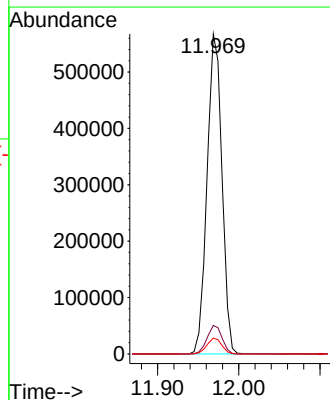
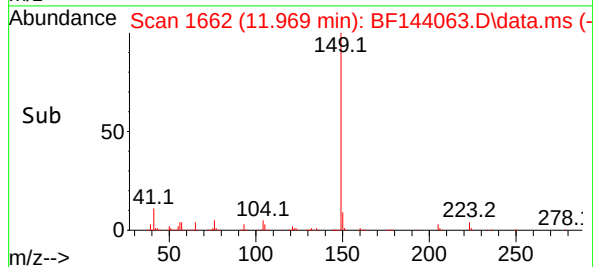
Tgt Ion:167 Resp: 565232
Ion Ratio Lower Upper
167 100
166 21.4 16.1 24.1
139 13.4 9.8 14.6

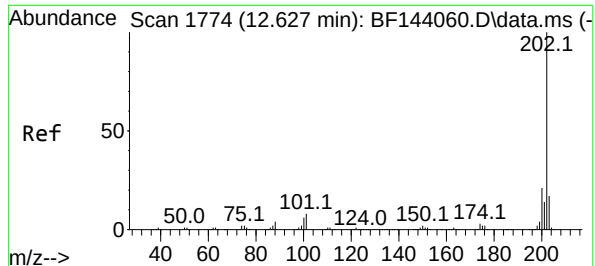


#74
Di-n-butylphthalate
Concen: 70.556 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32



Tgt Ion:149 Resp: 723962
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.9 3.6 5.4

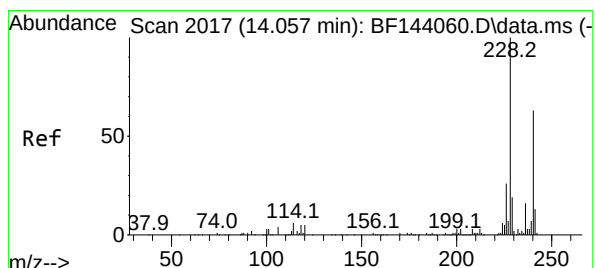
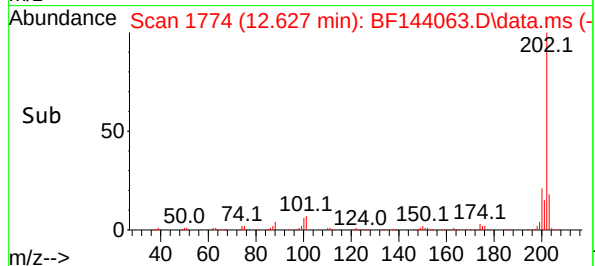
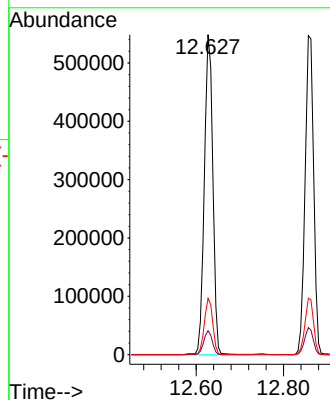
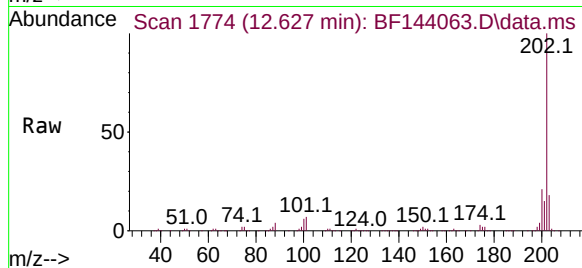




#75
Fluoranthene
Concen: 69.552 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

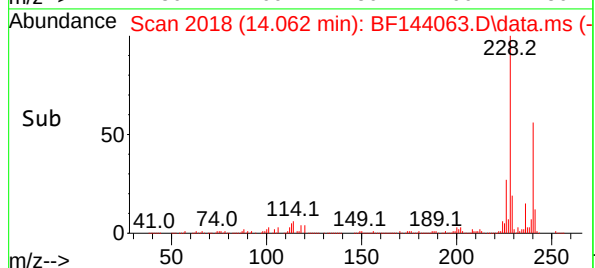
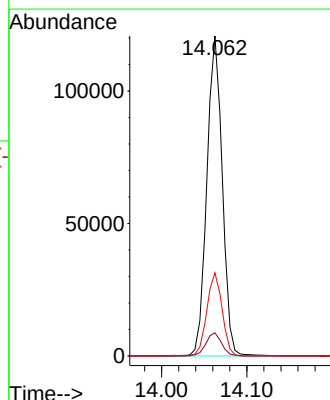
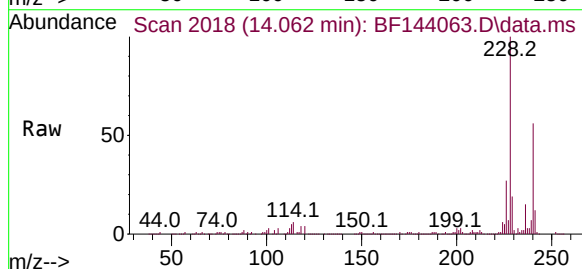
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

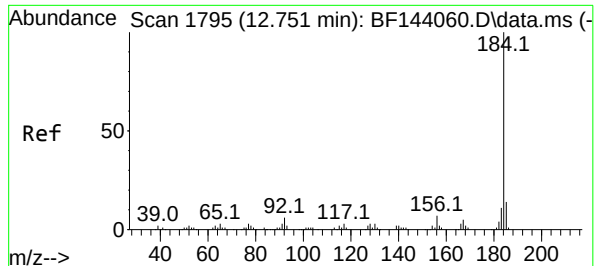
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.7
203	17.6	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.5	9.7
236	26.0	20.1	30.1





#77

Benzidine

Concen: 59.887 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

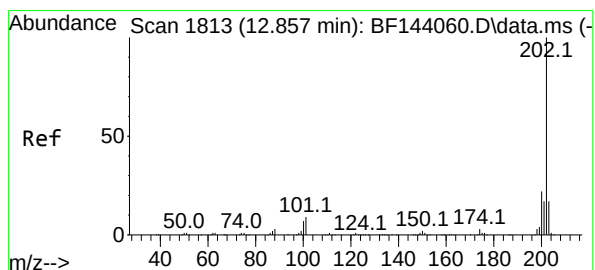
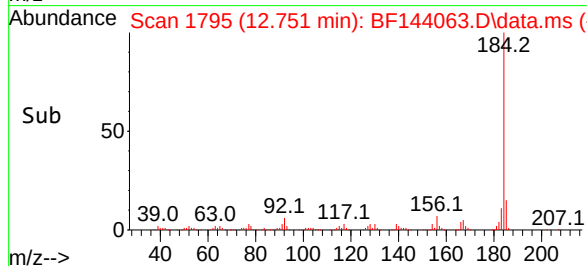
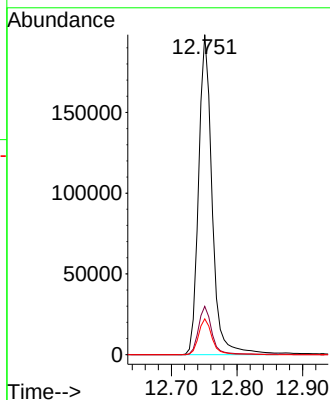
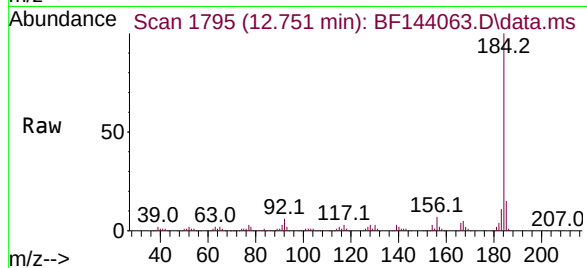
Tgt Ion:184 Resp: 282392

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 11.2 8.5 12.7



#78

Pyrene

Concen: 68.794 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

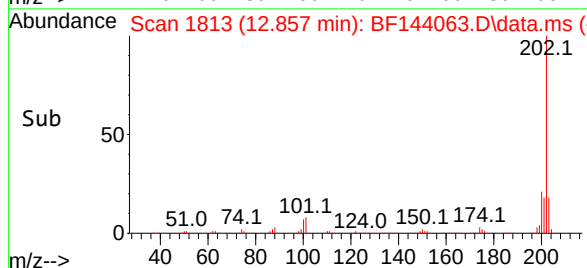
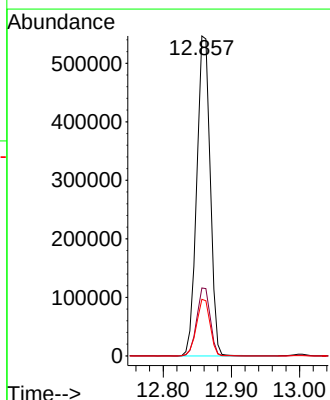
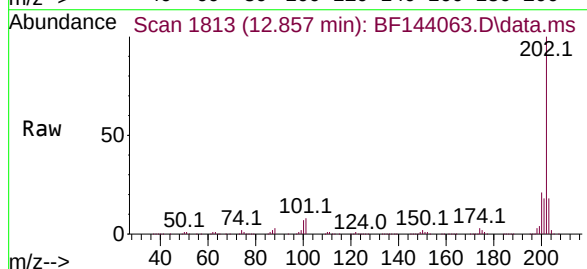
Tgt Ion:202 Resp: 749362

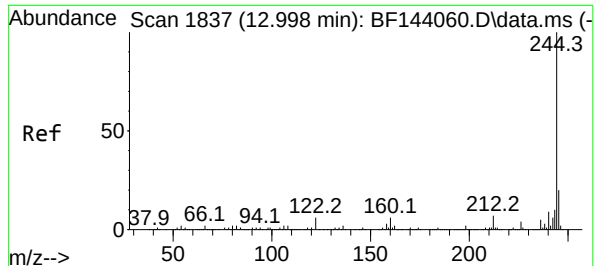
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.7 13.5 20.3

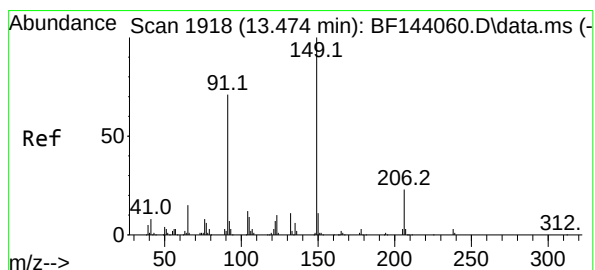
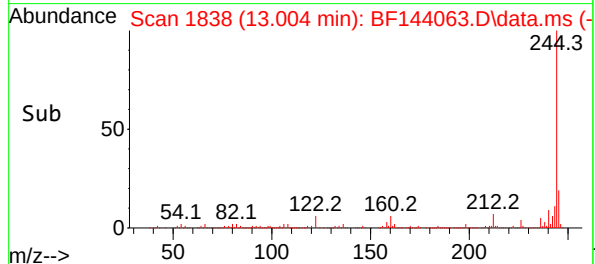
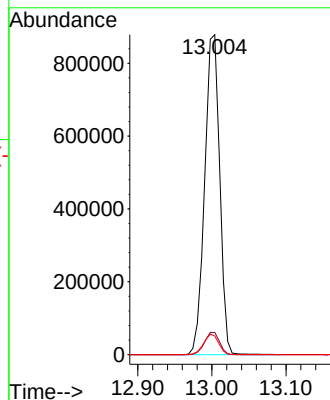
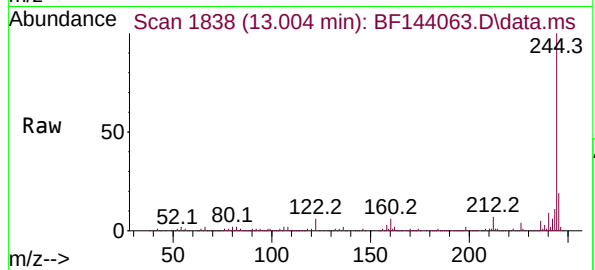




#79
Terphenyl-d14
Concen: 142.390 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

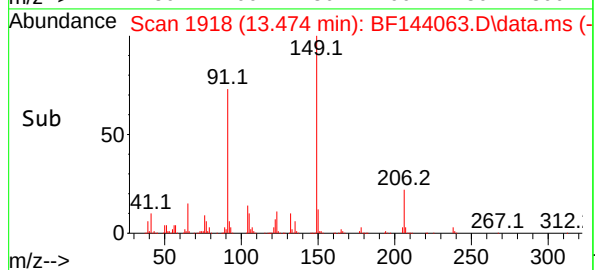
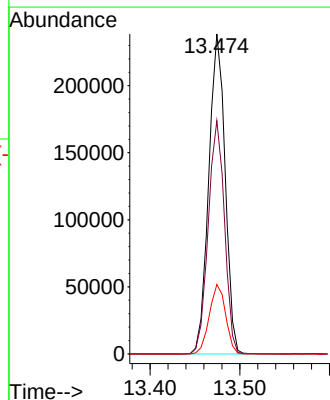
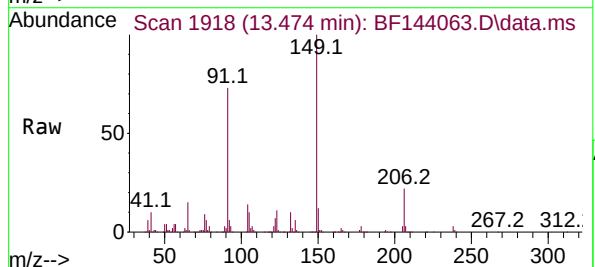
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

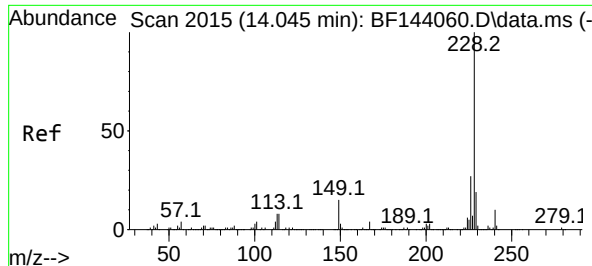
Tgt Ion:244 Resp: 1234056
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 5.8 4.9 7.3



#80
Butylbenzylphthalate
Concen: 73.645 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:149 Resp: 303486
Ion Ratio Lower Upper
149 100
91 72.9 56.6 84.8
206 21.7 18.3 27.5

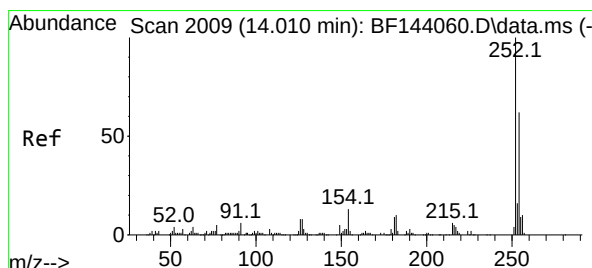
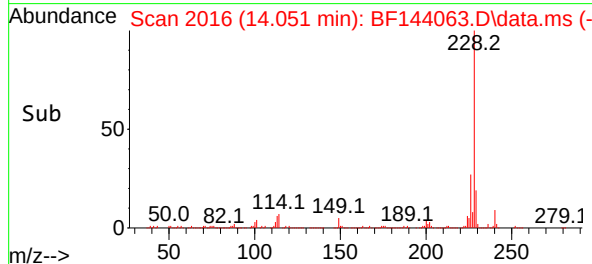
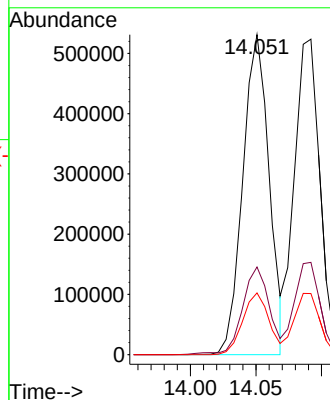
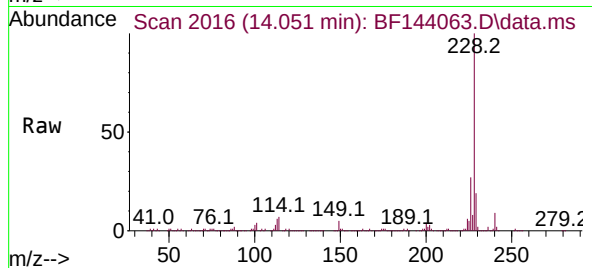




#81
Benzo(a)anthracene
Concen: 72.564 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

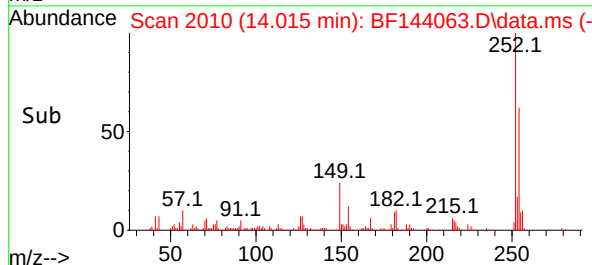
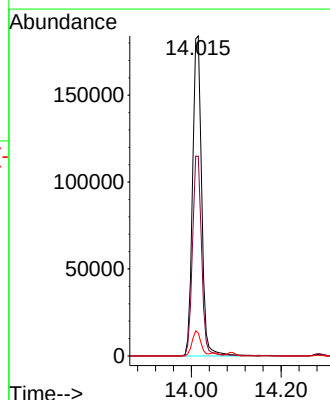
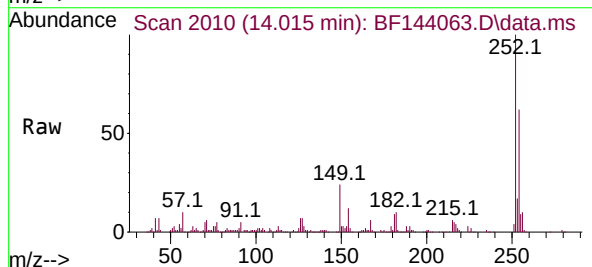
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

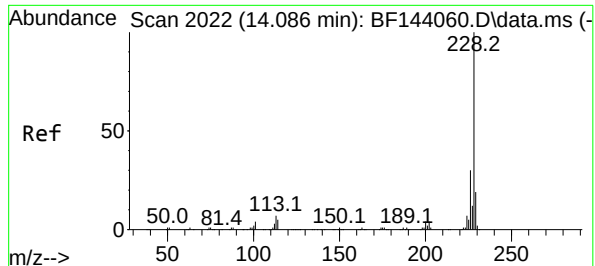
Tgt Ion:228 Resp: 743007
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 19.3 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 72.536 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:252 Resp: 258546
Ion Ratio Lower Upper
252 100
254 62.4 49.9 74.9
126 7.1 6.5 9.7





#83

Chrysene

Concen: 73.777 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

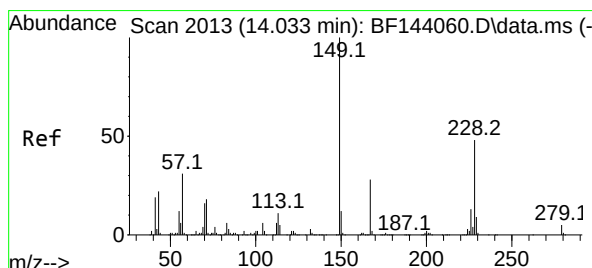
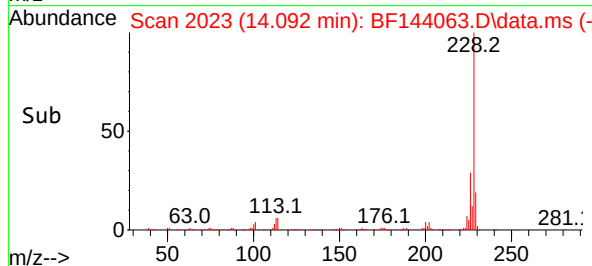
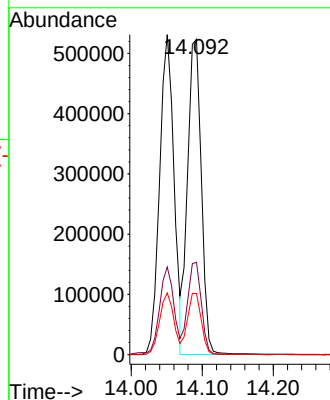
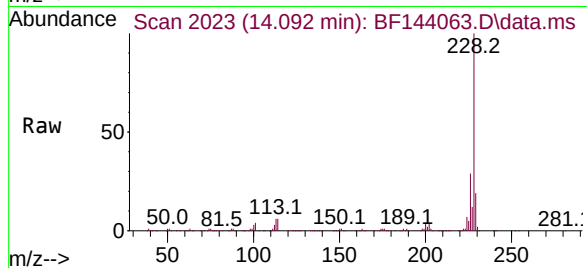
Tgt Ion:228 Resp: 708889

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.226 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

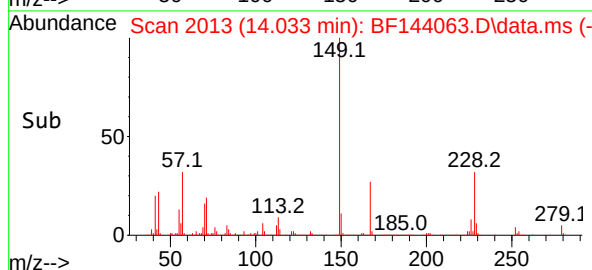
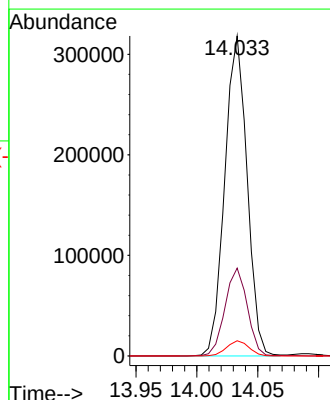
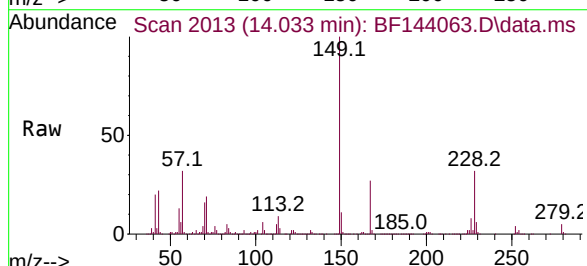
Tgt Ion:149 Resp: 406325

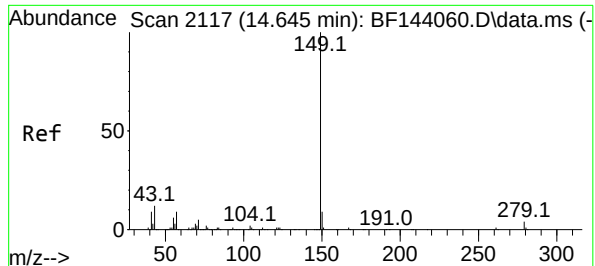
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.7 3.6 5.4

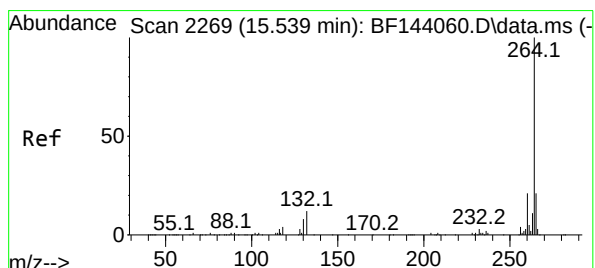
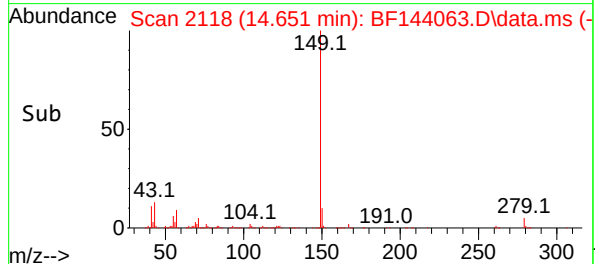
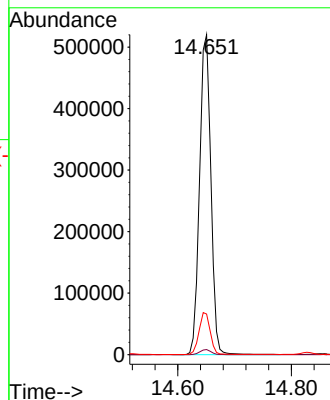
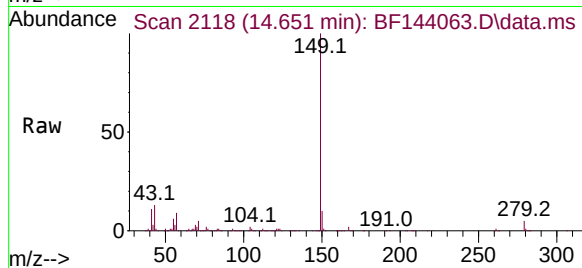




#85
Di-n-octyl phthalate
Concen: 73.894 ng
RT: 14.651 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

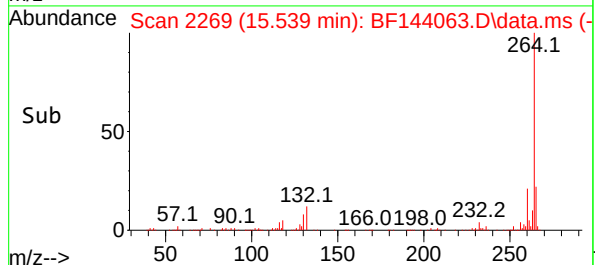
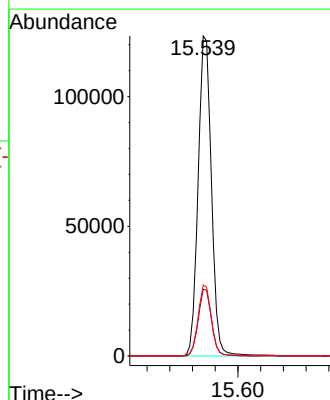
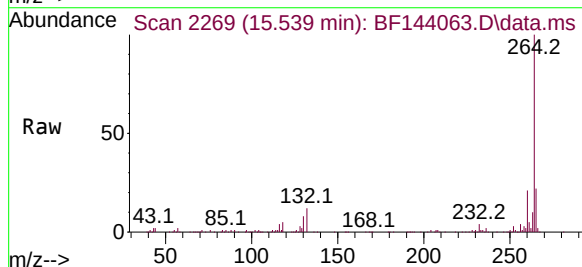
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

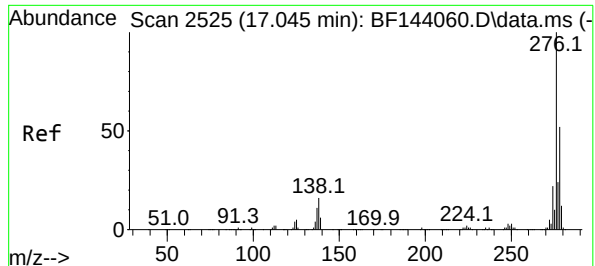
Tgt Ion:149 Resp: 714909
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:264 Resp: 200004
Ion Ratio Lower Upper
264 100
260 20.8 17.0 25.4
265 22.1 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 73.561 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

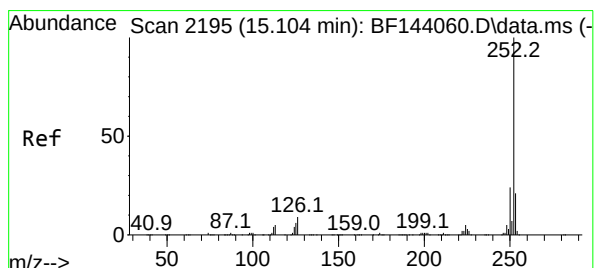
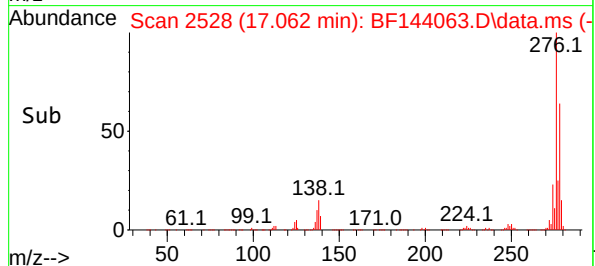
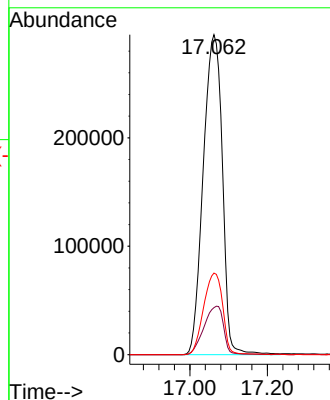
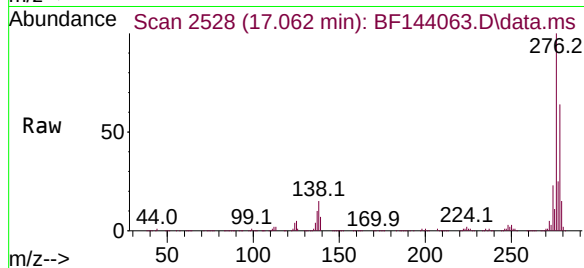
Tgt Ion:276 Resp: 1010103

Ion Ratio Lower Upper

276 100

138 15.6 13.0 19.6

277 25.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 74.302 ng

RT: 15.109 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

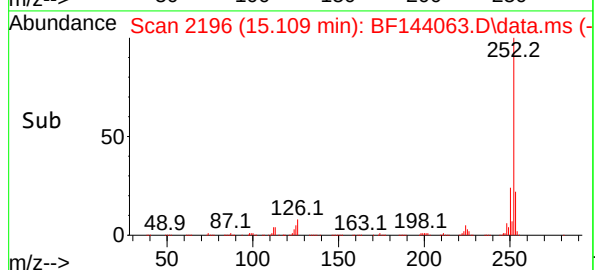
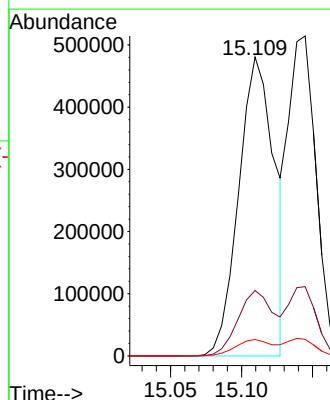
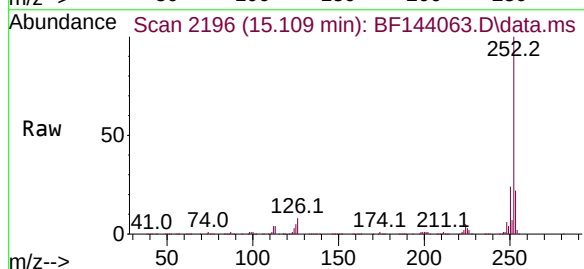
Tgt Ion:252 Resp: 840121

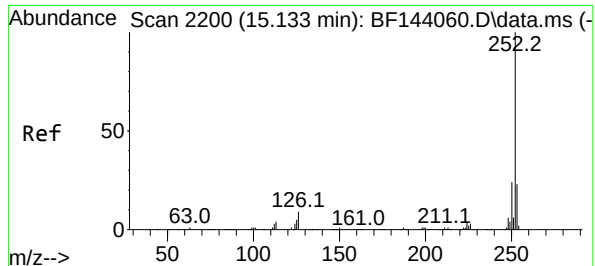
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 5.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 67.953 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

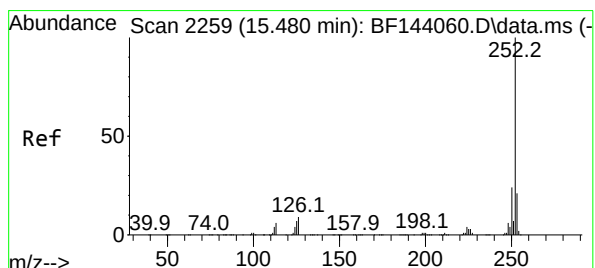
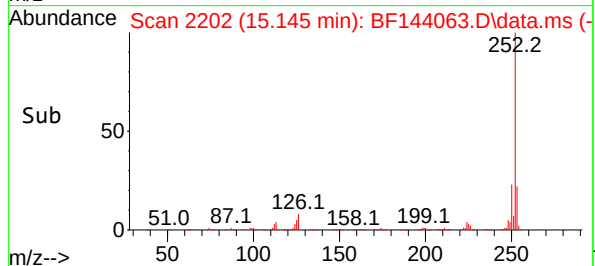
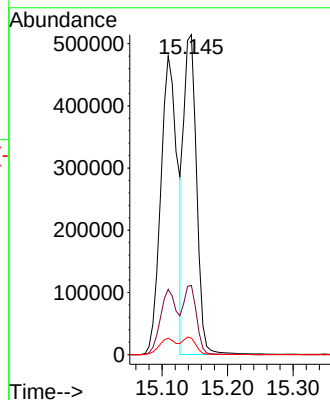
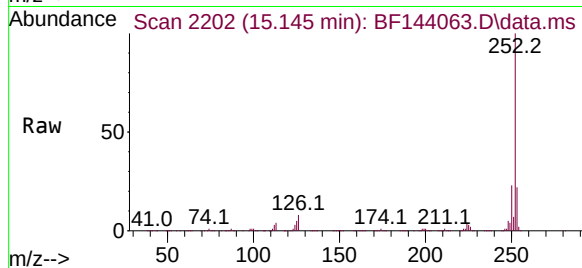
Tgt Ion:252 Resp: 708890

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 5.2 4.9 7.3



#90

Benzo(a)pyrene

Concen: 71.704 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

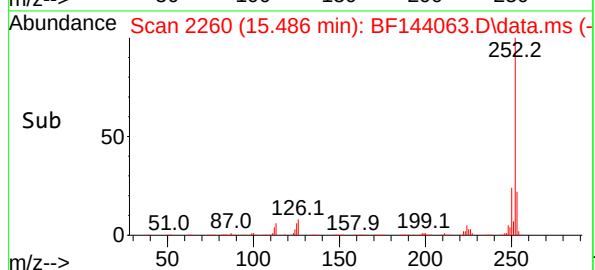
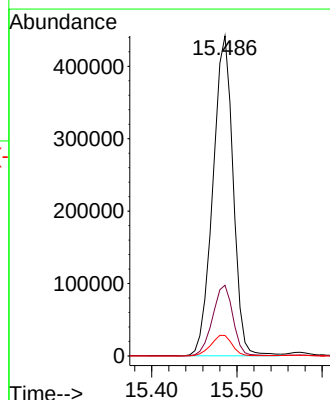
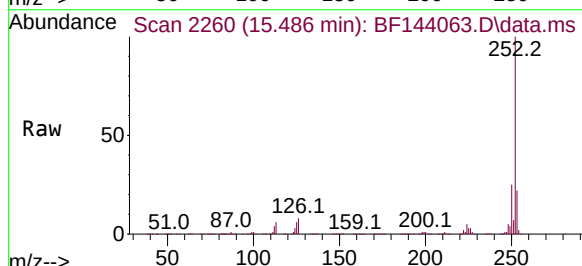
Tgt Ion:252 Resp: 727345

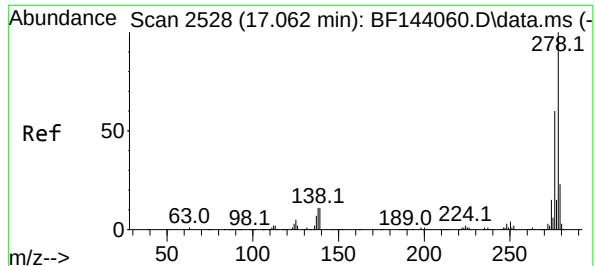
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 73.369 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.018 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

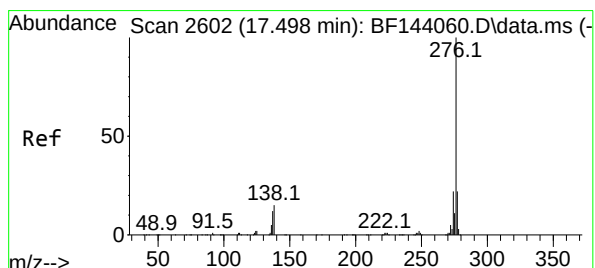
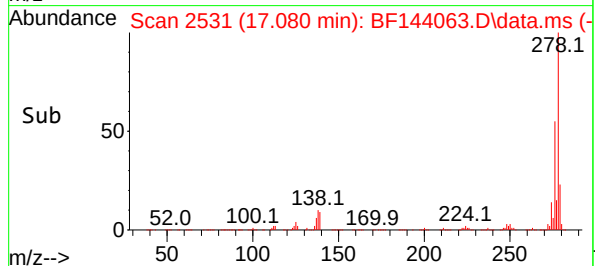
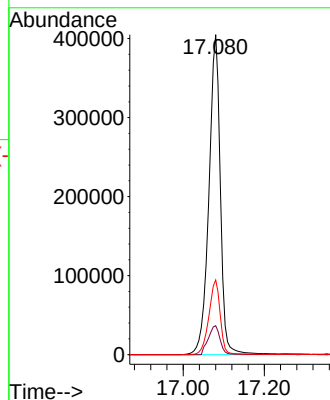
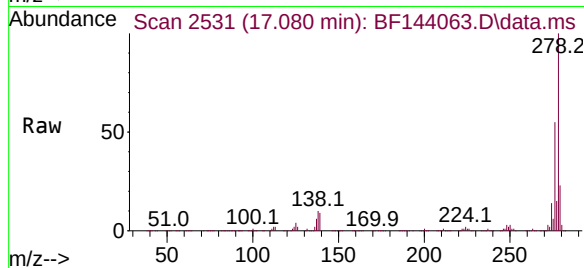
Tgt Ion:278 Resp: 797474

Ion Ratio Lower Upper

278 100

139 9.0 8.5 12.7

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 74.269 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.024 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

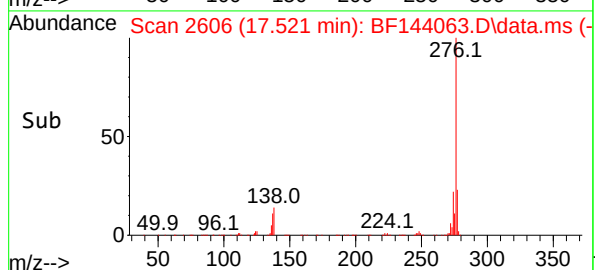
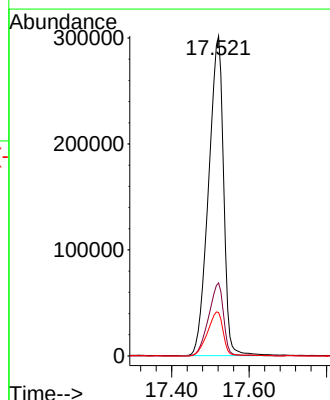
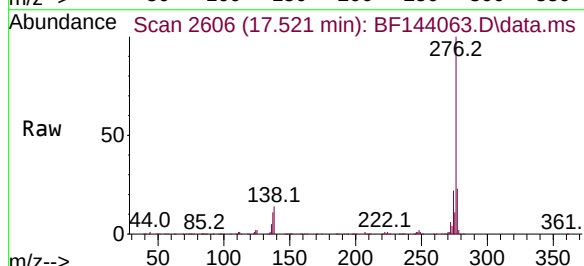
Tgt Ion:276 Resp: 811620

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 13.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144064.D
Acq On : 24 Oct 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 24 17:06:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	40936	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	144864	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	76683	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	132038	20.000	ng	0.00
76) Chrysene-d12	14.062	240	106050	20.000	ng	0.00
86) Perylene-d12	15.539	264	140075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	324791	125.526	ng	0.00
7) Phenol-d6	6.510	99	346692	121.325	ng	0.00
23) Nitrobenzene-d5	7.445	82	341936	129.319	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	132798	135.953	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	677674	124.361	ng	0.00
79) Terphenyl-d14	12.998	244	789728	130.186	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	70224	62.807	ng	98
3) Pyridine	3.398	79	196981	65.807	ng	97
4) n-Nitrosodimethylamine	3.351	42	124870	67.890	ng	95
6) Aniline	6.545	93	251710	61.571	ng	99
8) 2-Chlorophenol	6.663	128	154530	60.645	ng	97
9) Benzaldehyde	6.434	77	172641	77.814	ng	98
10) Phenol	6.522	94	211848	60.092	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	157748	61.925	ng	100
12) 1,3-Dichlorobenzene	6.822	146	192311	61.183	ng	96
13) 1,4-Dichlorobenzene	6.898	146	193362	62.421	ng	99
14) 1,2-Dichlorobenzene	7.051	146	186696	62.289	ng	99
15) Benzyl Alcohol	7.022	79	150113	64.606	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	284081	59.335	ng	98
17) 2-Methylphenol	7.128	107	120515	61.494	ng	97
18) Hexachloroethane	7.392	117	73031	65.943	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	115863	62.701	ng	99
20) 3+4-Methylphenols	7.286	107	142326	61.433	ng	# 85
22) Acetophenone	7.292	105	198031	63.255	ng	99
24) Nitrobenzene	7.463	77	181356	64.837	ng	96
25) Isophorone	7.704	82	298273	64.523	ng	99
26) 2-Nitrophenol	7.781	139	84384	63.417	ng	92
27) 2,4-Dimethylphenol	7.810	122	127412	64.435	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	180863	62.737	ng	98
29) 2,4-Dichlorophenol	8.022	162	142524	61.979	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	151390	63.994	ng	97
31) Naphthalene	8.186	128	427166	62.477	ng	99
32) Benzoic acid	7.928	122	73142	58.314	ng	85
33) 4-Chloroaniline	8.233	127	149397	62.767	ng	98
34) Hexachlorobutadiene	8.298	225	128615	66.488	ng	98
35) Caprolactam	8.604	113	37413	64.879	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	128805	63.473	ng	94
37) 2-Methylnaphthalene	8.875	142	276923	61.432	ng	96
38) 1-Methylnaphthalene	8.975	142	265532	62.174	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	164703	62.495	ng	99
41) Hexachlorocyclopentadiene	9.027	237	62879	77.248	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	111523	65.103	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144064.D
 Acq On : 24 Oct 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

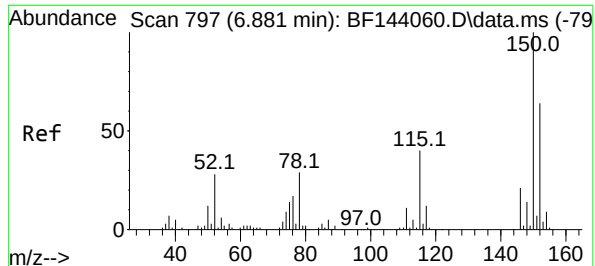
Quant Time: Oct 24 17:06:52 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117536	65.377	ng	96
46) 1,1'-Biphenyl	9.339	154	338254	61.621	ng	100
47) 2-Chloronaphthalene	9.369	162	287490	62.514	ng	99
48) 2-Nitroaniline	9.463	65	91867	67.272	ng	97
49) Acenaphthylene	9.780	152	383800	61.895	ng	99
50) Dimethylphthalate	9.633	163	319101	63.485	ng	100
51) 2,6-Dinitrotoluene	9.704	165	66198	66.619	ng	97
52) Acenaphthene	9.957	154	258125	62.331	ng	98
53) 3-Nitroaniline	9.874	138	69206	62.642	ng	93
54) 2,4-Dinitrophenol	9.980	184	31982	59.508	ng	88
55) Dibenzofuran	10.127	168	353228	61.440	ng	99
56) 4-Nitrophenol	10.033	139	46485	62.136	ng	95
57) 2,4-Dinitrotoluene	10.104	165	89630	66.833	ng	94
58) Fluorene	10.469	166	267202	60.997	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	84250	66.502	ng	# 96
60) Diethylphthalate	10.339	149	303176	64.138	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	155019	62.927	ng	99
62) 4-Nitroaniline	10.486	138	68899	65.819	ng	90
63) Azobenzene	10.621	77	288180	64.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	52340	61.785	ng	91
66) n-Nitrosodiphenylamine	10.580	169	261183	61.911	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	106864	64.641	ng	97
68) Hexachlorobenzene	11.021	284	129804	64.021	ng	98
69) Atrazine	11.104	200	93028	67.200	ng	96
70) Pentachlorophenol	11.216	266	66439	68.842	ng	98
71) Phenanthrene	11.433	178	413305	63.013	ng	98
72) Anthracene	11.486	178	421890	62.266	ng	99
73) Carbazole	11.645	167	359155	62.276	ng	97
74) Di-n-butylphthalate	11.968	149	449708	63.601	ng	99
75) Fluoranthene	12.627	202	462087	63.767	ng	99
77) Benzidine	12.751	184	250383	75.863	ng	99
78) Pyrene	12.857	202	483140	63.369	ng	99
80) Butylbenzylphthalate	13.474	149	189412	65.668	ng	99
81) Benzo(a)anthracene	14.051	228	474589	66.219	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	168368	67.487	ng	99
83) Chrysene	14.086	228	434514	64.608	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	258560	65.663	ng	99
85) Di-n-octyl phthalate	14.645	149	439771	64.942	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	630927	65.606	ng	98
88) Benzo(b)fluoranthene	15.109	252	483612	61.071	ng	98
89) Benzo(k)fluoranthene	15.139	252	486238	66.551	ng	99
90) Benzo(a)pyrene	15.480	252	456250	64.222	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	502376	65.994	ng	99
92) Benzo(g,h,i)perylene	17.509	276	500846	65.439	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

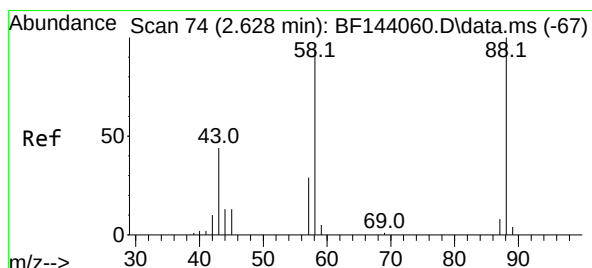
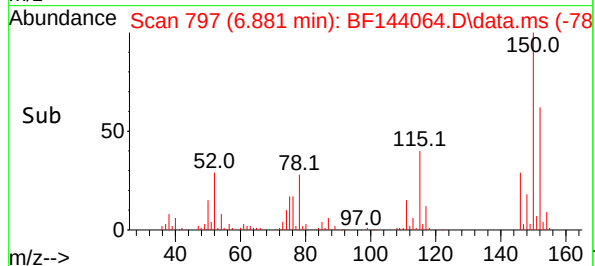
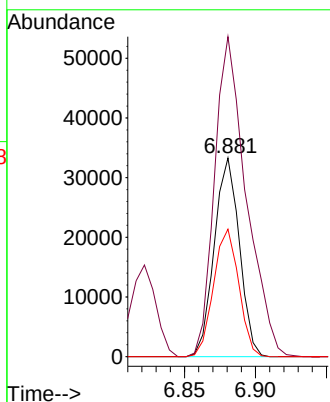
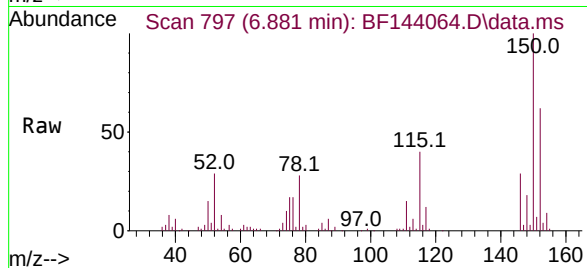
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- 13
- 14
- 15
- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

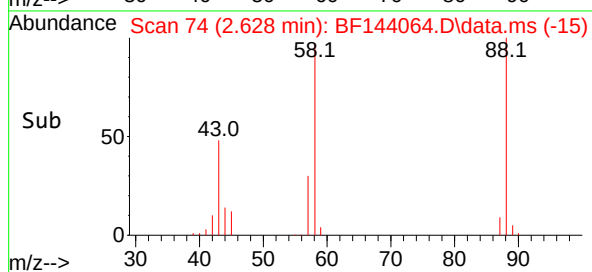
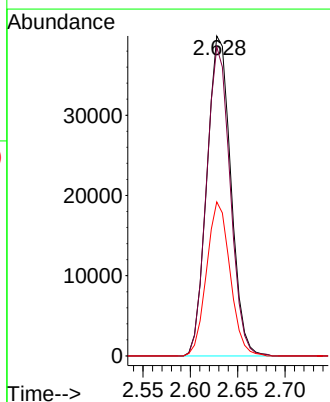
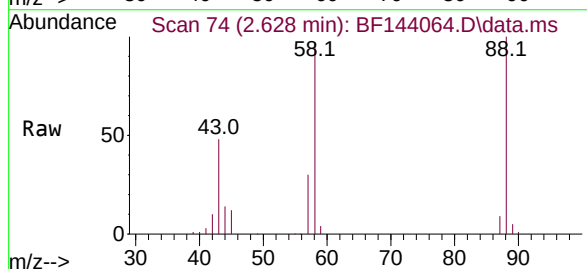
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

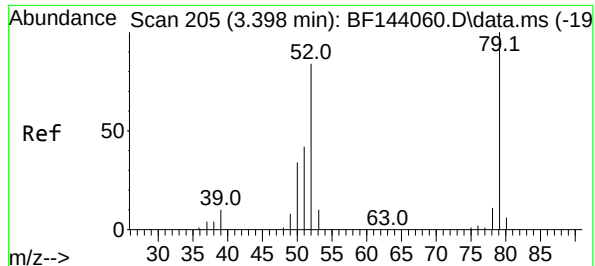
Tgt Ion:152 Resp: 40936
Ion Ratio Lower Upper
152 100
150 161.1 124.4 186.6
115 64.2 49.4 74.0



#2
1,4-Dioxane
Concen: 62.807 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 88 Resp: 70224
Ion Ratio Lower Upper
88 100
58 95.3 76.5 114.7
43 47.2 35.3 52.9

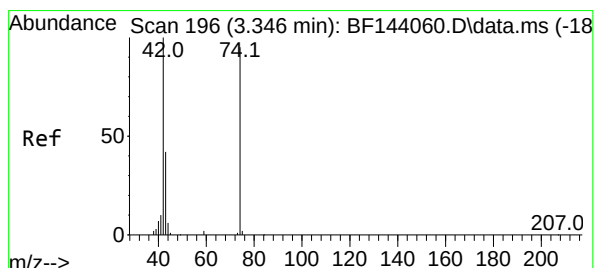
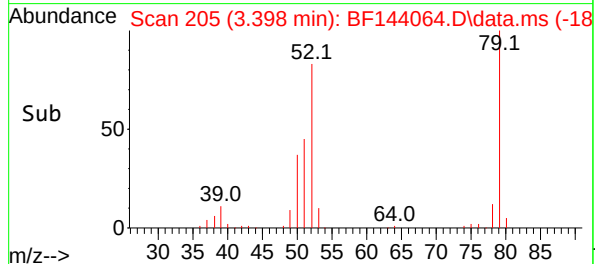
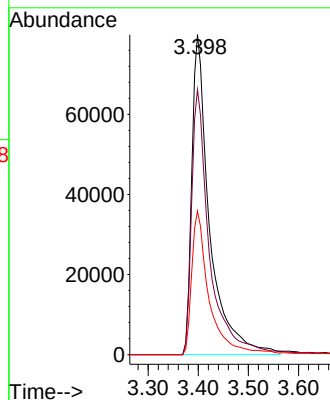
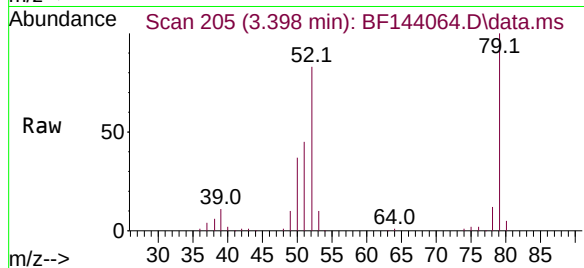




#3
Pyridine
Concen: 65.807 ng
RT: 3.398 min Scan# 205
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

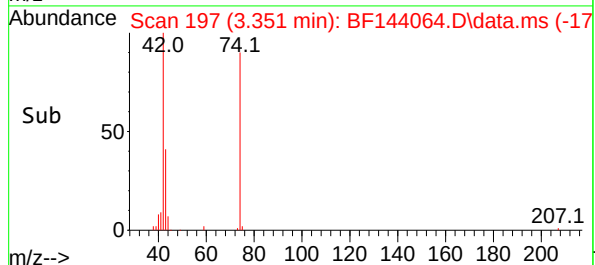
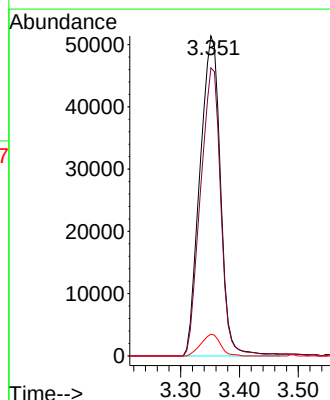
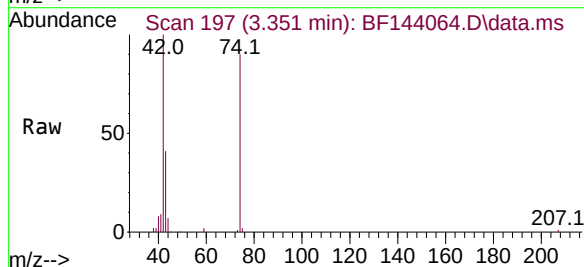
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

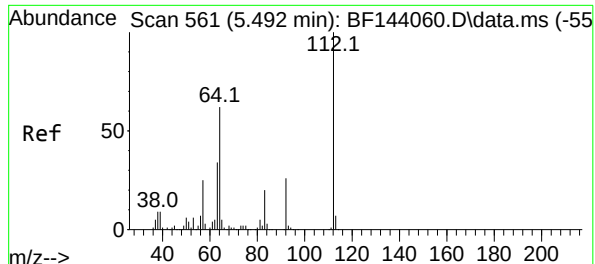
Tgt Ion: 79 Resp: 196981
Ion Ratio Lower Upper
79 100
52 82.8 67.5 101.3
51 44.9 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 67.890 ng
RT: 3.351 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 42 Resp: 124870
Ion Ratio Lower Upper
42 100
74 90.0 76.4 114.6
44 6.8 5.2 7.8

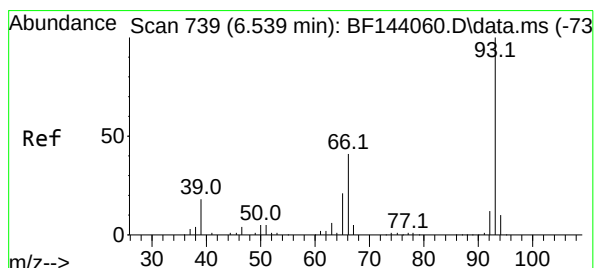
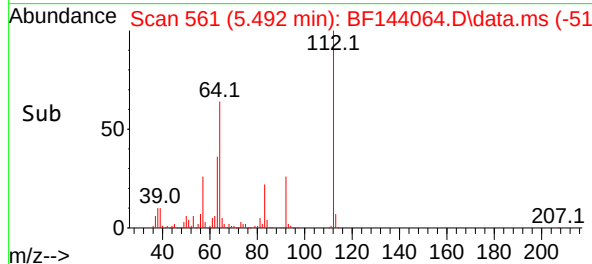
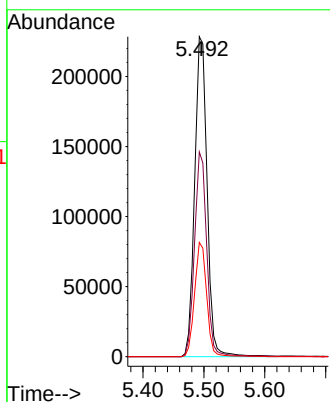
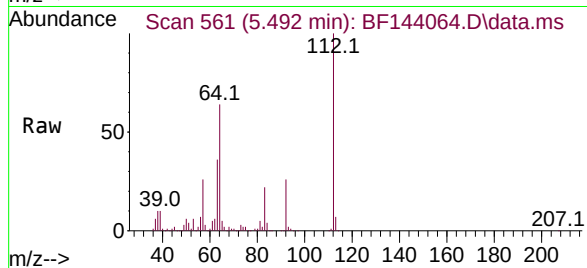




#5
2-Fluorophenol
Concen: 125.526 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

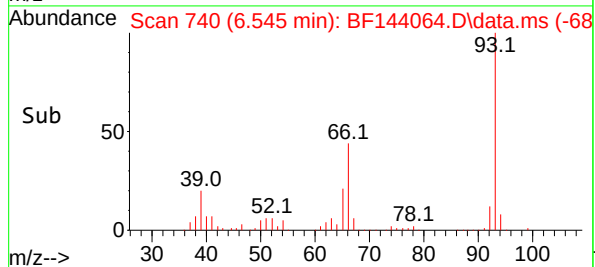
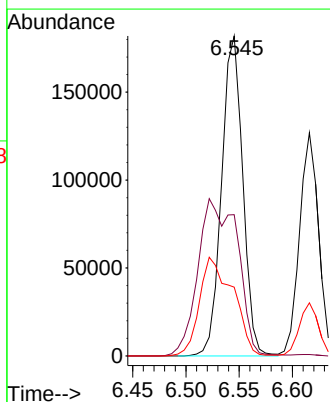
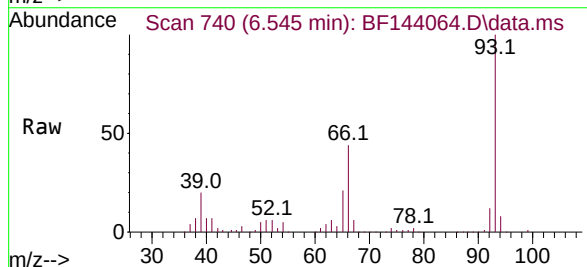
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

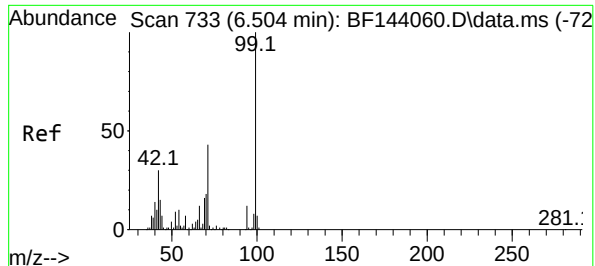
Tgt Ion:112 Resp: 324791
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 35.7 27.4 41.2



#6
Aniline
Concen: 61.571 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 93 Resp: 251710
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 21.5 17.0 25.6

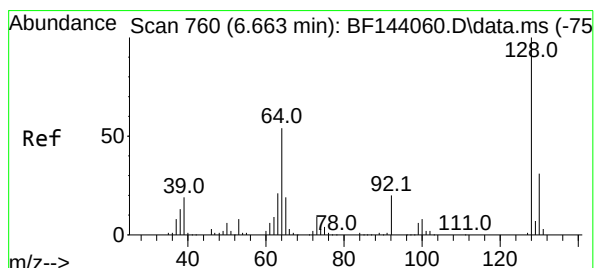
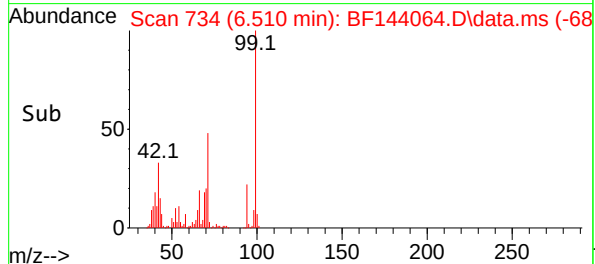
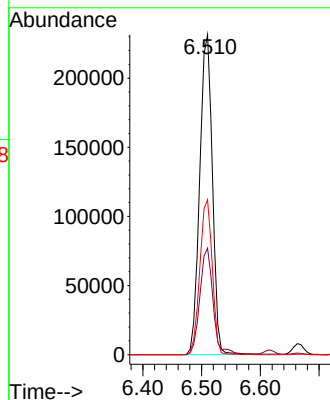
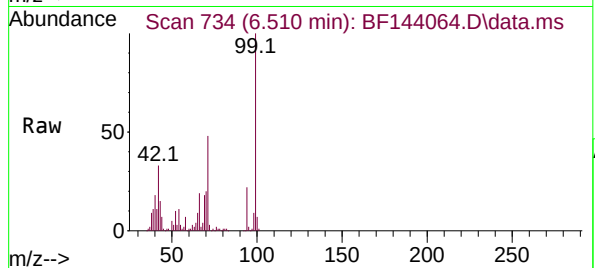




#7
Phenol-d6
Concen: 121.325 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

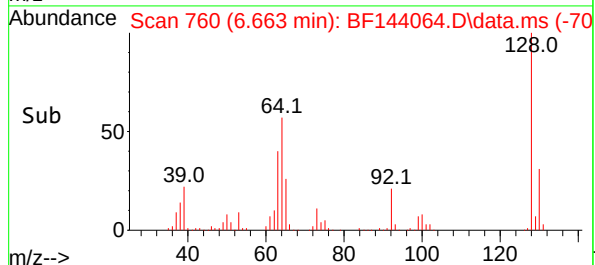
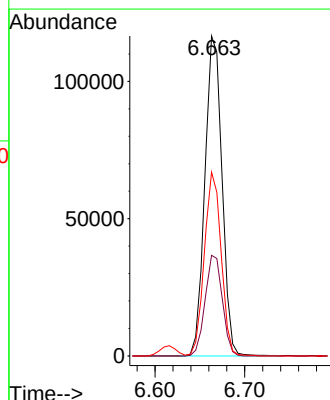
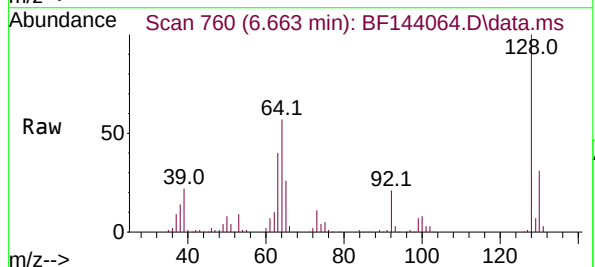
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

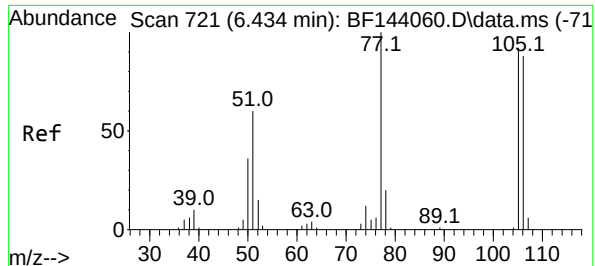
Tgt Ion: 99 Resp: 346692
Ion Ratio Lower Upper
99 100
42 33.3 23.9 35.9
71 48.4 34.4 51.6



#8
2-Chlorophenol
Concen: 60.645 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 128 Resp: 154530
Ion Ratio Lower Upper
128 100
130 31.4 10.7 50.7
64 57.4 34.7 74.7





#9

Benzaldehyde

Concen: 77.814 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

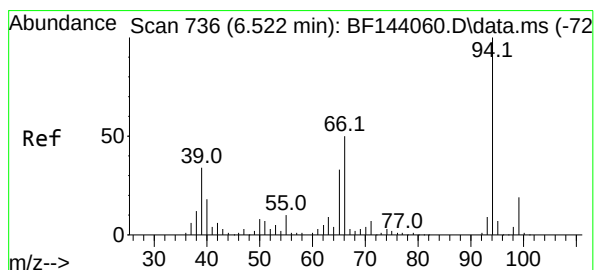
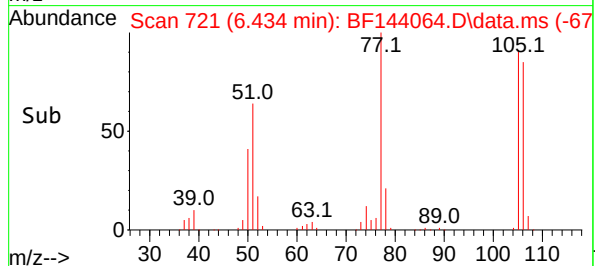
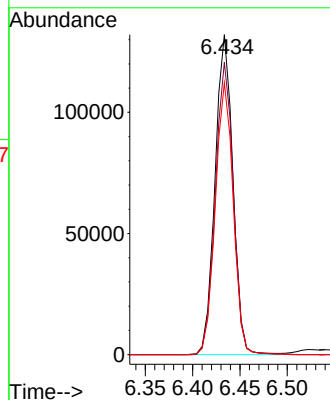
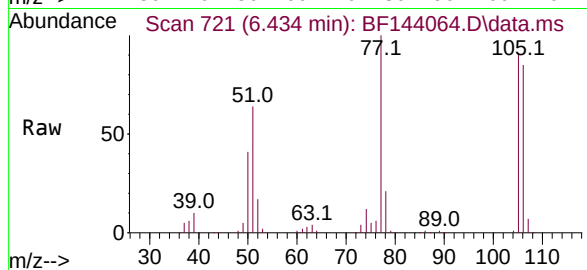
Tgt Ion: 77 Resp: 172641

Ion Ratio Lower Upper

77 100

105 91.4 72.2 112.2

106 84.9 67.9 107.9



#10

Phenol

Concen: 60.092 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

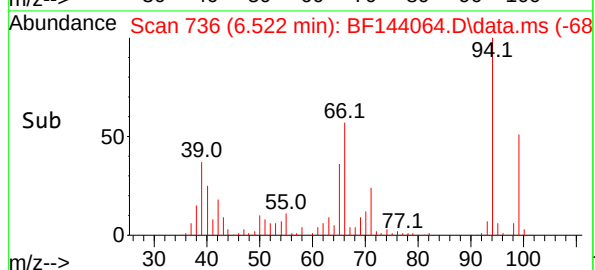
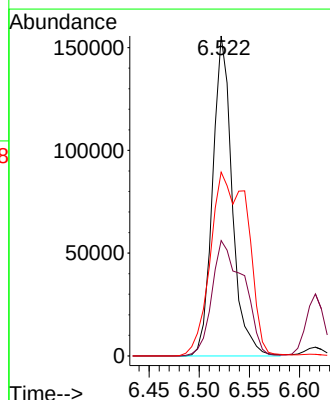
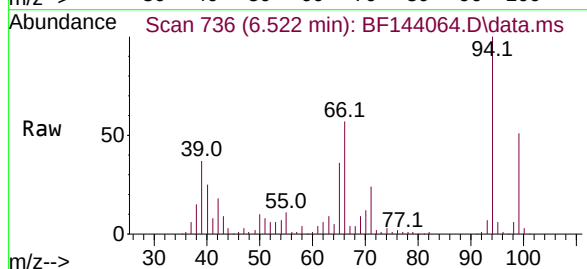
Tgt Ion: 94 Resp: 211848

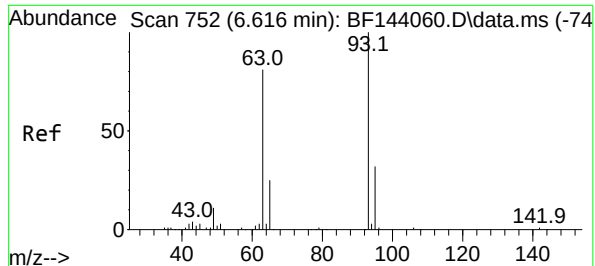
Ion Ratio Lower Upper

94 100

65 36.0 13.1 53.1

66 57.4 30.6 70.6

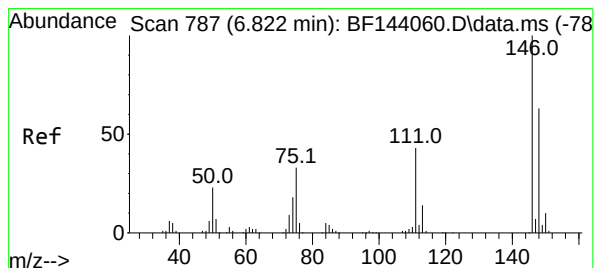
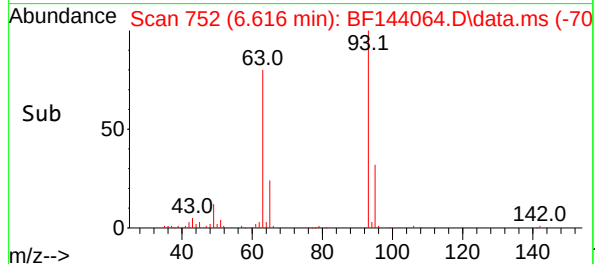
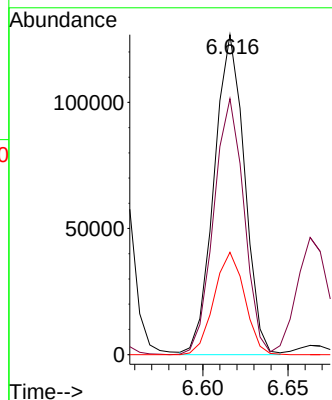
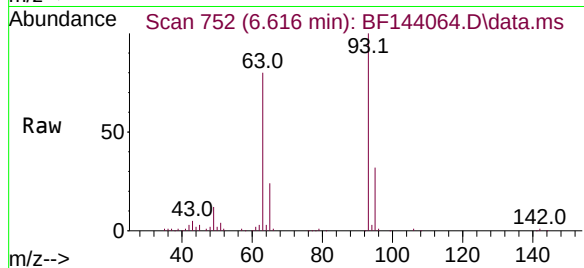




#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

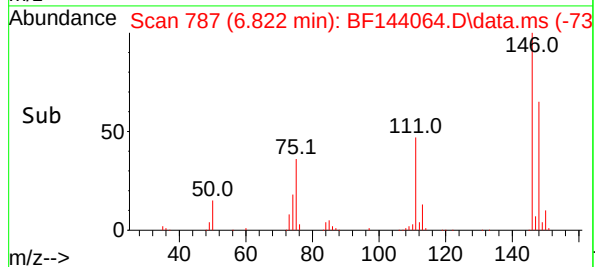
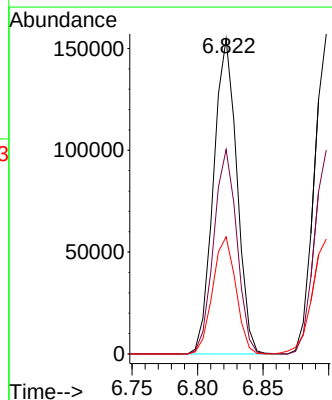
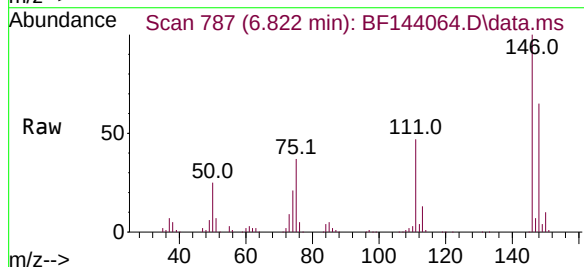
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

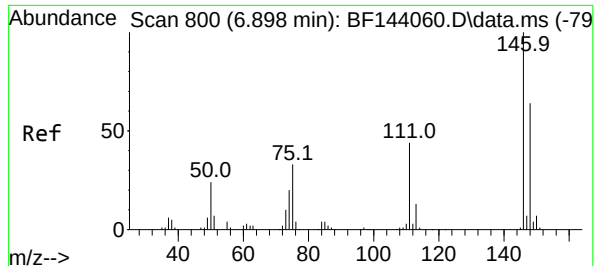
Tgt Ion: 93 Resp: 157748
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 61.183 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 146 Resp: 192311
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 37.1 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 62.421 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

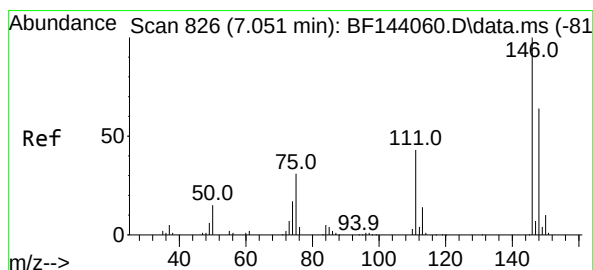
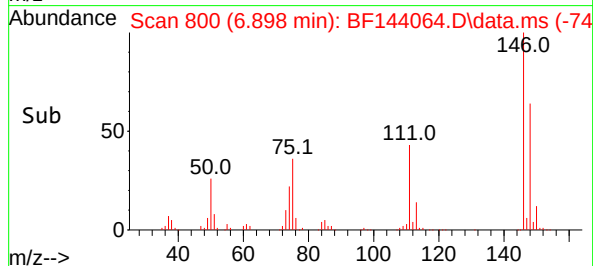
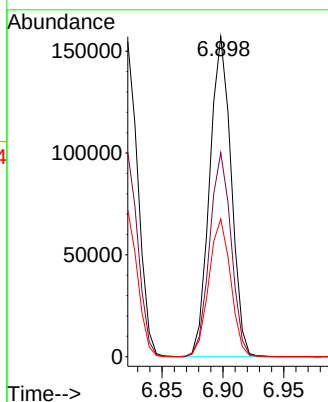
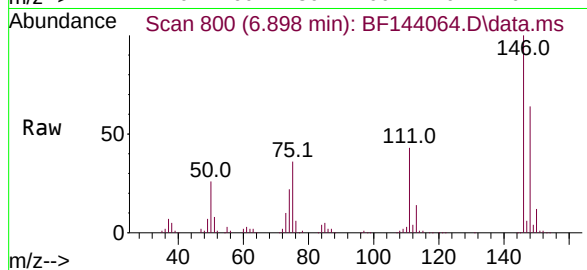
Tgt Ion:146 Resp: 193362

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 43.0 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 62.289 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

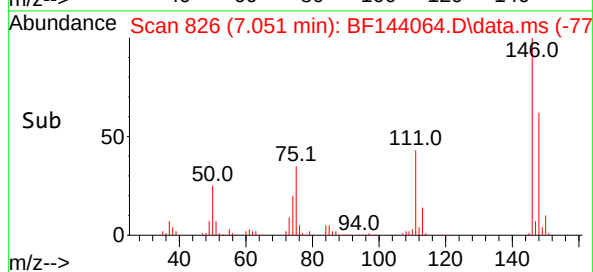
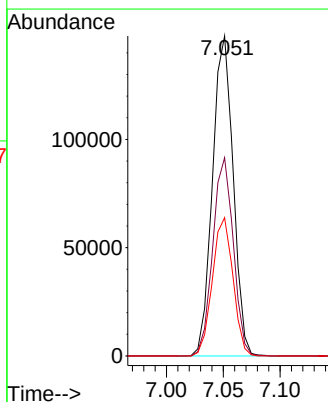
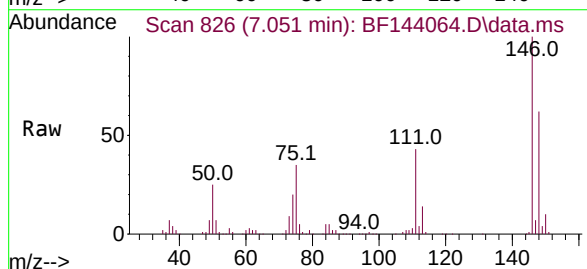
Tgt Ion:146 Resp: 186696

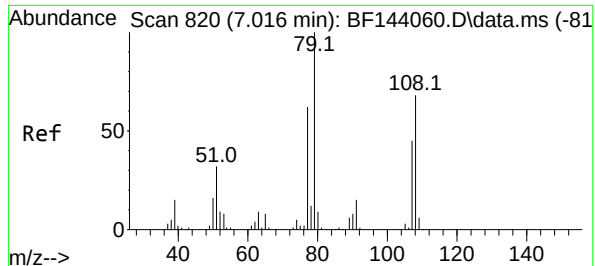
Ion Ratio Lower Upper

146 100

148 61.9 50.8 76.2

111 43.2 34.7 52.1

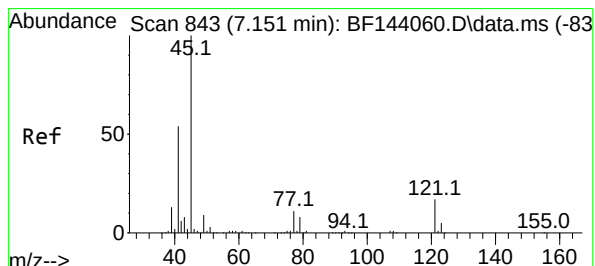
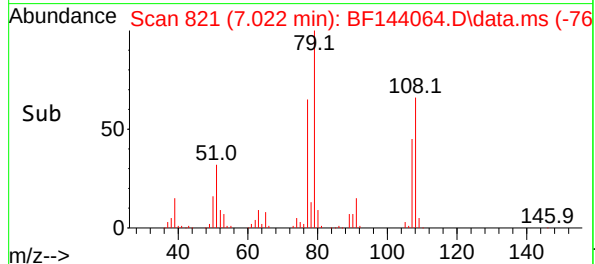
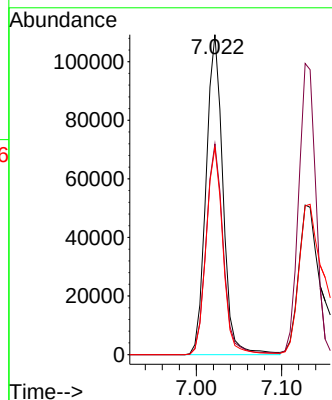
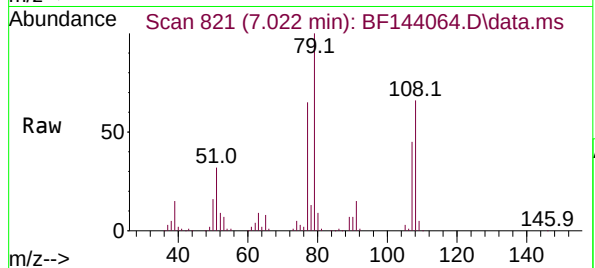




#15
Benzyl Alcohol
Concen: 64.606 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

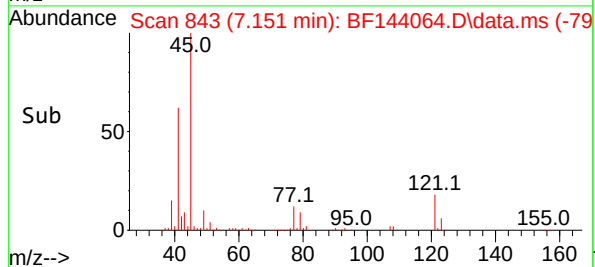
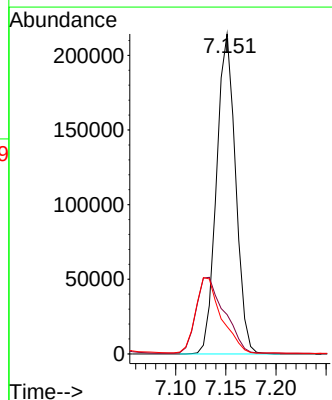
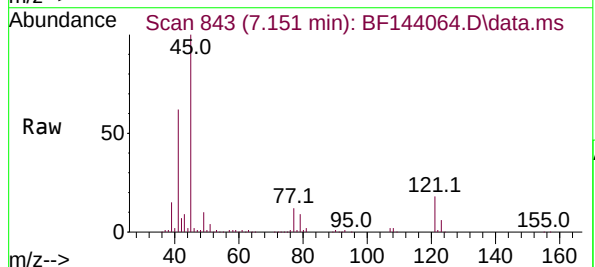
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

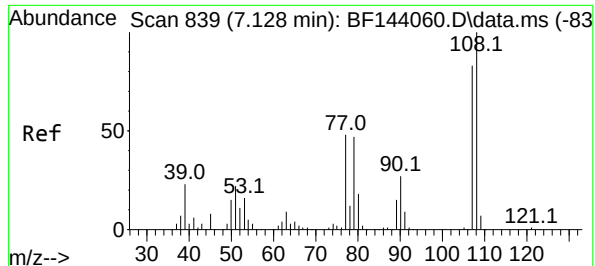
Tgt Ion: 79 Resp: 150113
Ion Ratio Lower Upper
79 100
108 65.8 54.8 82.2
77 64.7 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.335 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 45 Resp: 284081
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.9
79 8.5 0.0 28.2





#17

2-Methylphenol

Concen: 61.494 ng

RT: 7.128 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:107 Resp: 120515

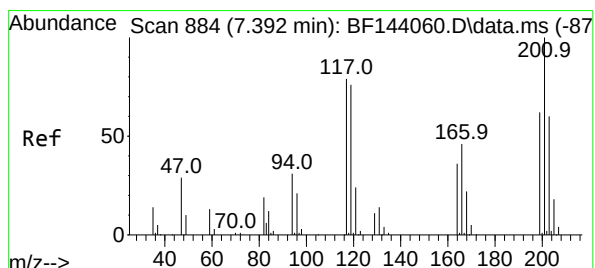
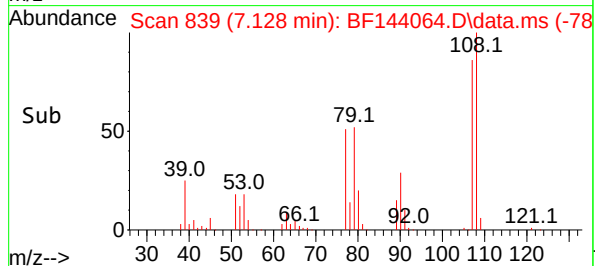
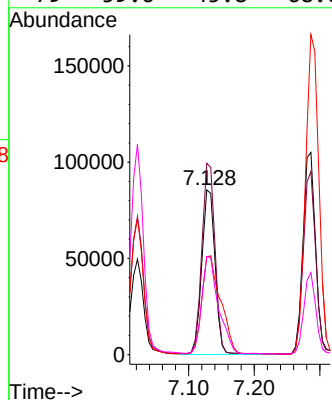
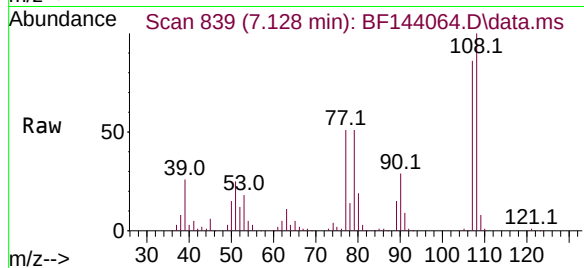
Ion Ratio Lower Upper

107 100

108 116.1 96.4 144.6

77 59.3 46.8 70.2

79 59.6 45.8 68.6



#18

Hexachloroethane

Concen: 65.943 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

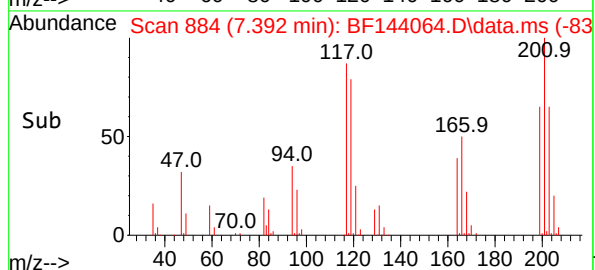
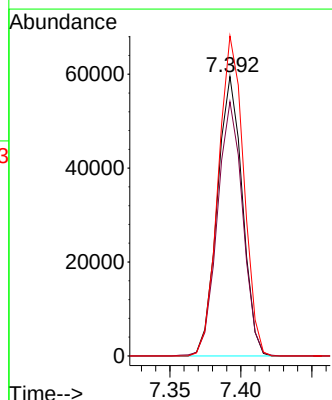
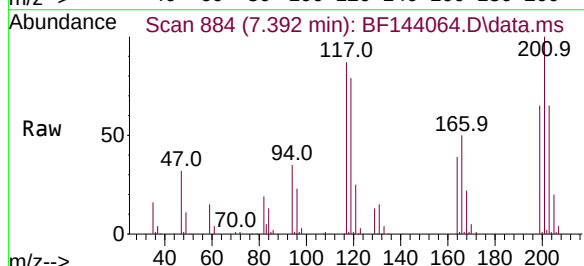
Tgt Ion:117 Resp: 73031

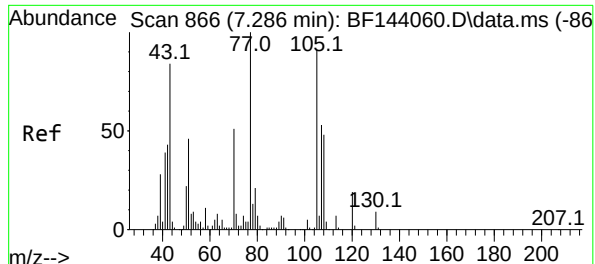
Ion Ratio Lower Upper

117 100

119 91.0 76.6 115.0

201 114.5 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 62.701 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

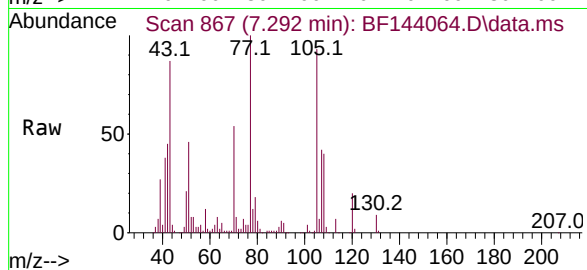
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 115863

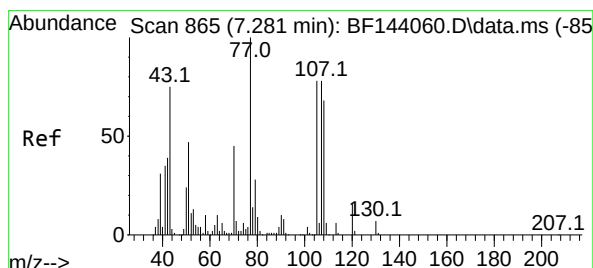
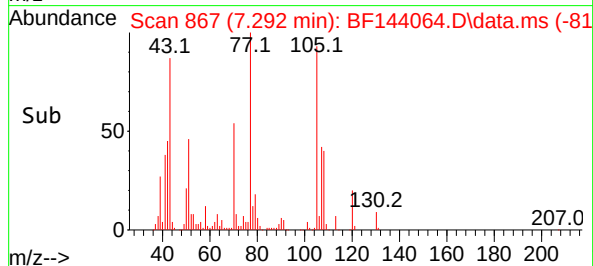
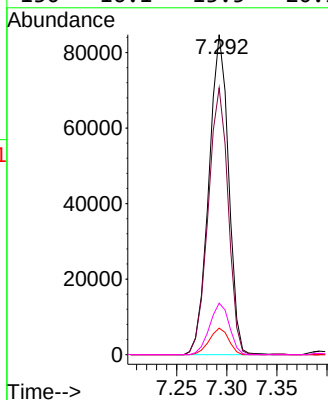
Ion Ratio Lower Upper

70 100

42 83.4 67.4 101.0

101 8.3 7.1 10.7

130 16.1 13.5 20.3



#20

3+4-Methylphenols

Concen: 61.433 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion: 107 Resp: 142326

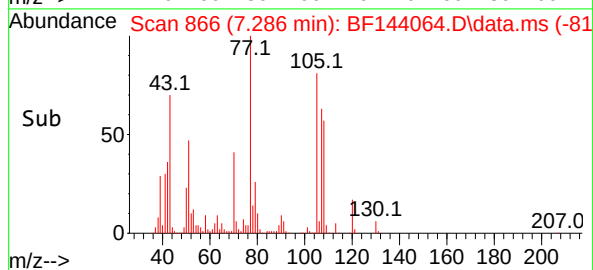
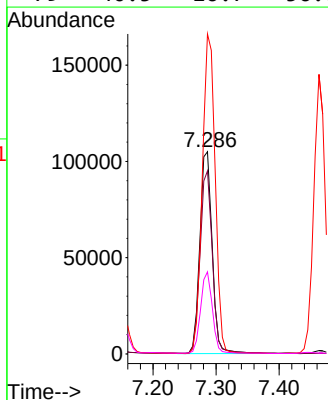
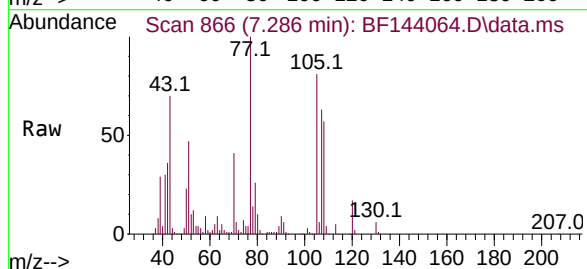
Ion Ratio Lower Upper

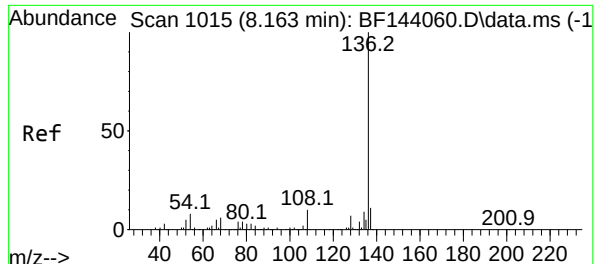
107 100

108 90.5 68.0 108.0

77 158.2 108.7 148.7#

79 40.5 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 144864

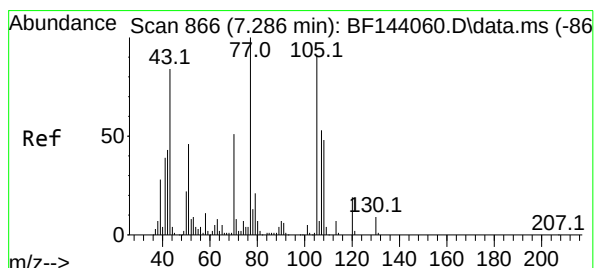
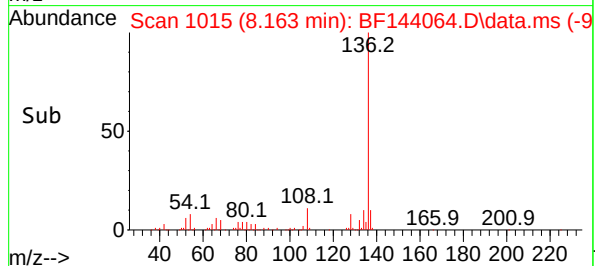
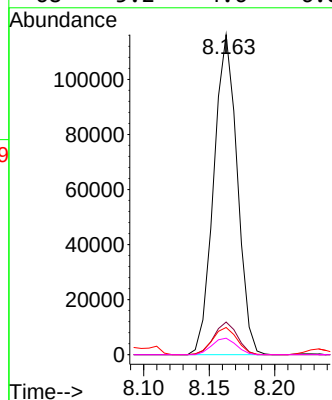
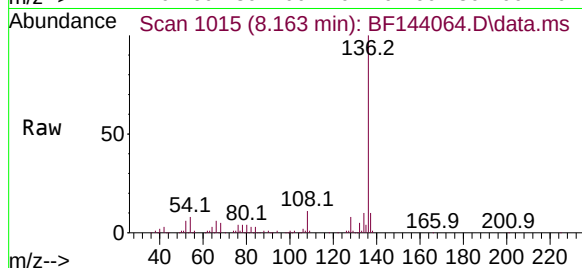
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 8.5 6.6 9.8

68 5.2 4.6 6.8



#22

Acetophenone

Concen: 63.255 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:105 Resp: 198031

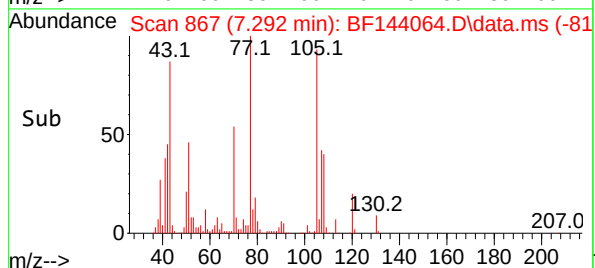
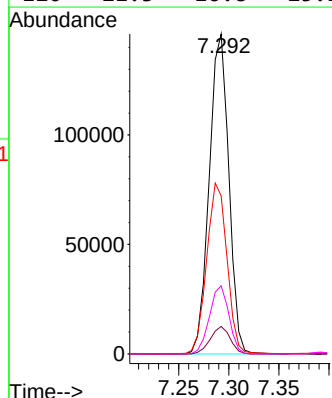
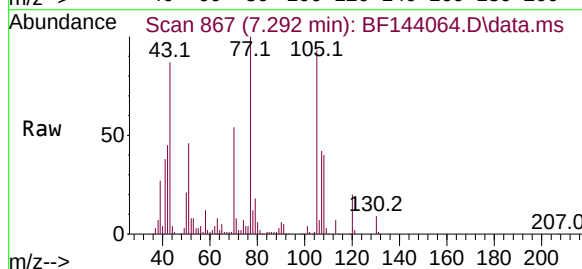
Ion Ratio Lower Upper

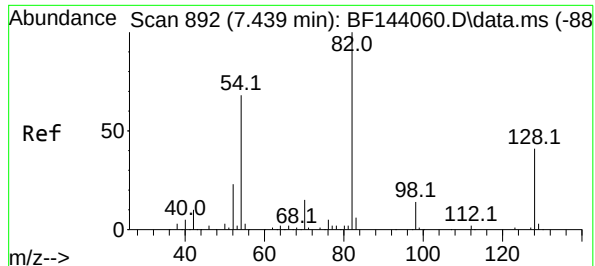
105 100

71 8.6 6.9 10.3

51 49.4 40.6 60.8

120 21.3 16.8 25.2

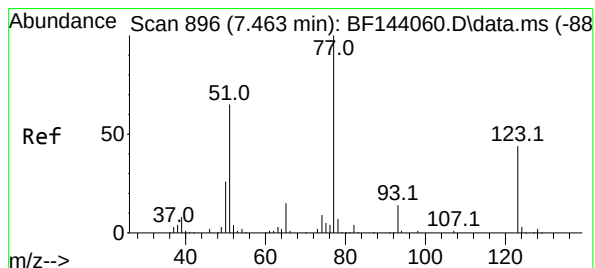
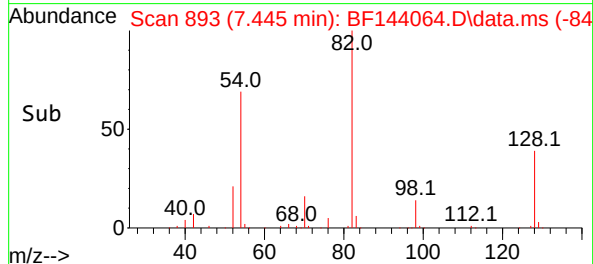
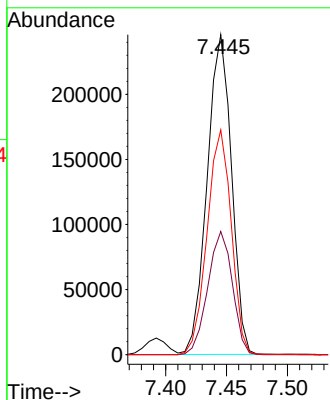
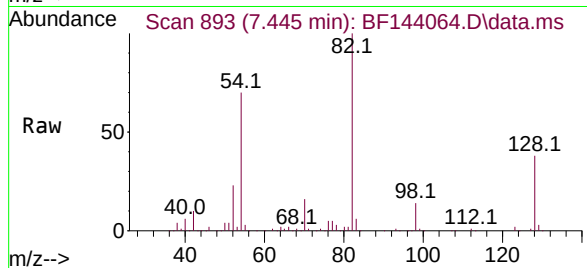




#23
Nitrobenzene-d5
Concen: 129.319 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

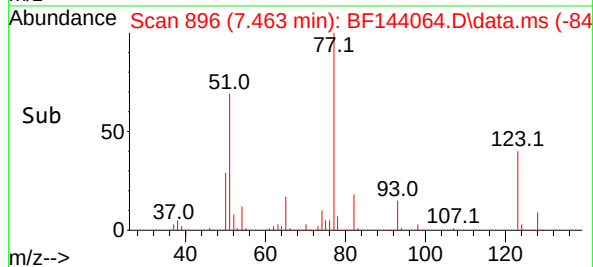
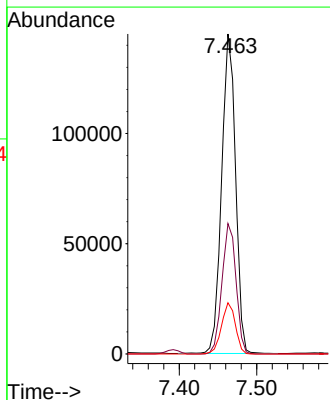
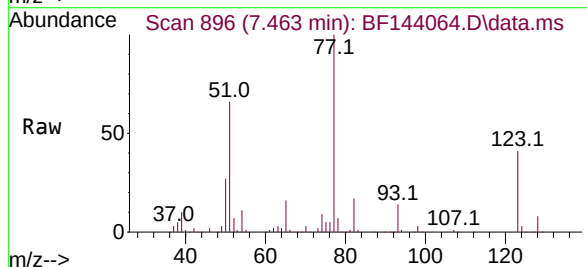
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

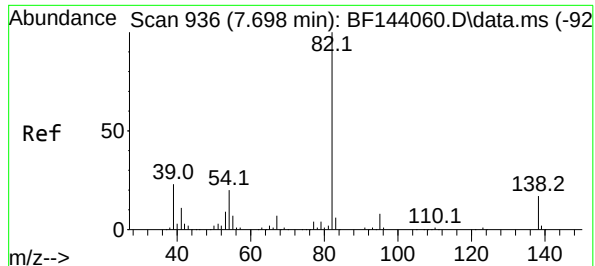
Tgt Ion: 82 Resp: 341936
Ion Ratio Lower Upper
82 100
128 38.5 32.4 48.6
54 70.2 54.0 81.0



#24
Nitrobenzene
Concen: 64.837 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 77 Resp: 181356
Ion Ratio Lower Upper
77 100
123 40.7 35.0 52.6
65 16.0 12.2 18.2





#25

Isophorone

Concen: 64.523 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

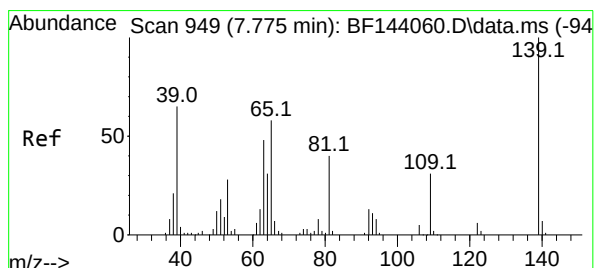
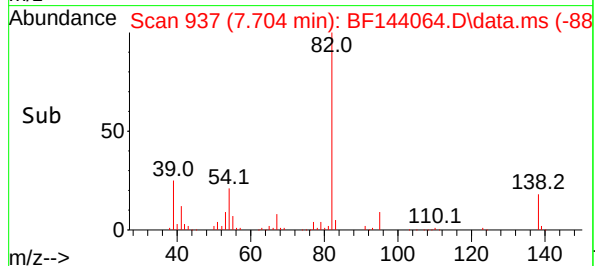
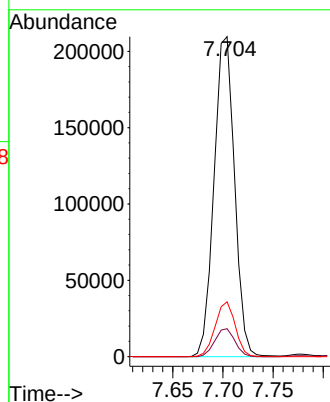
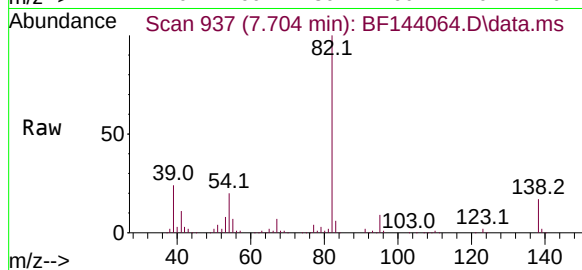
Tgt Ion: 82 Resp: 298273

Ion Ratio Lower Upper

82 100

95 8.7 6.6 9.8

138 17.1 13.8 20.8



#26

2-Nitrophenol

Concen: 63.417 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

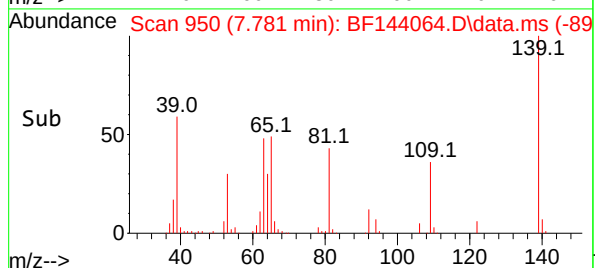
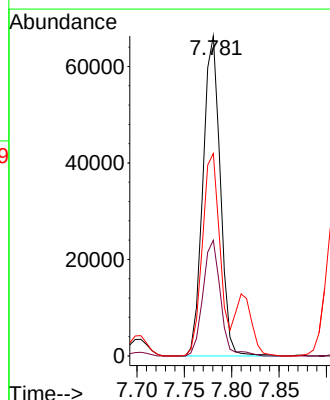
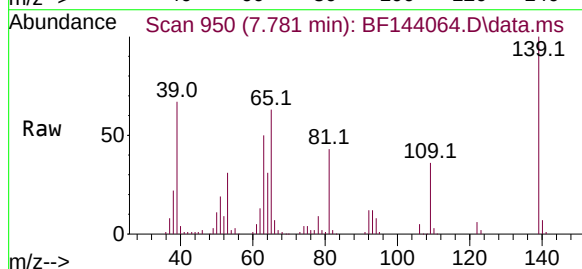
Tgt Ion: 139 Resp: 84384

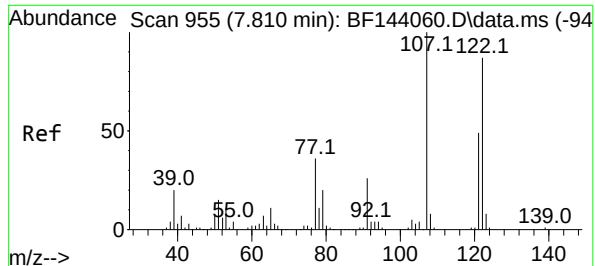
Ion Ratio Lower Upper

139 100

109 36.1 24.6 37.0

65 63.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 64.435 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

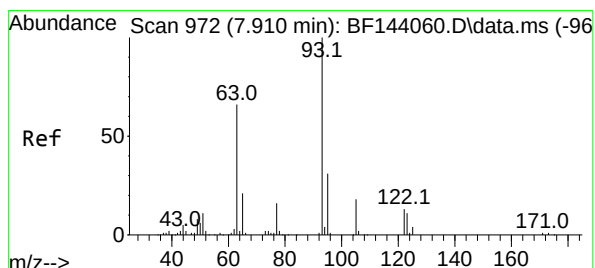
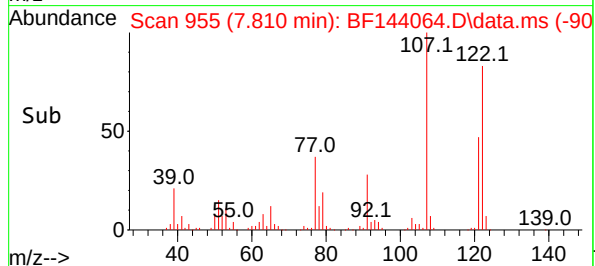
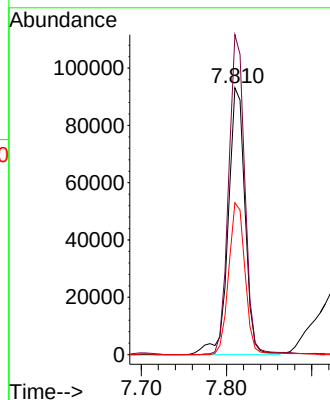
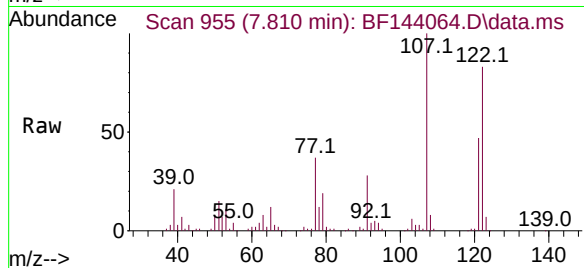
Tgt Ion:122 Resp: 127412

Ion Ratio Lower Upper

122 100

107 120.0 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.737 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

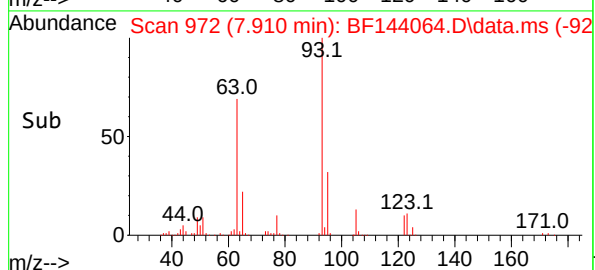
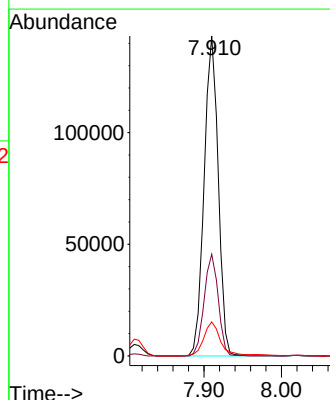
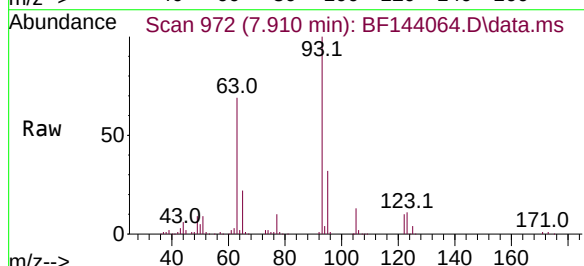
Tgt Ion: 93 Resp: 180863

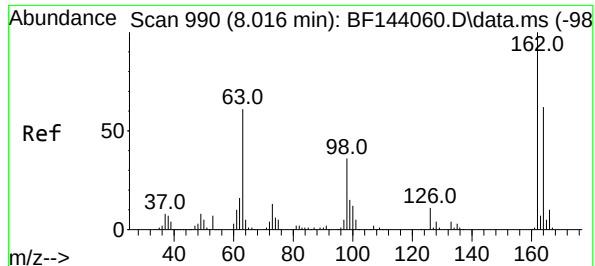
Ion Ratio Lower Upper

93 100

95 31.8 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 61.979 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

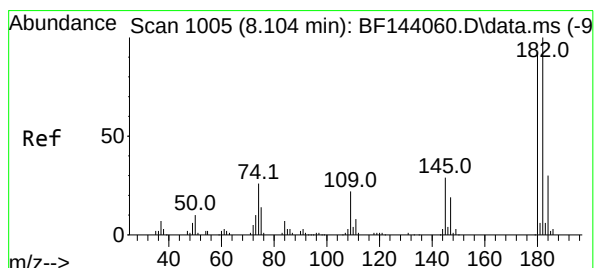
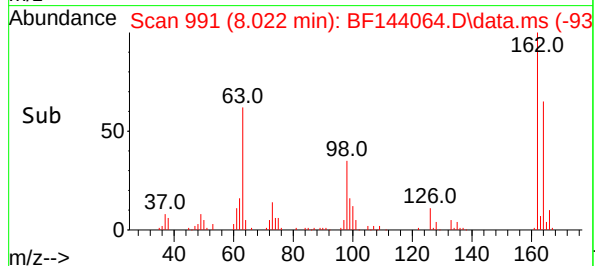
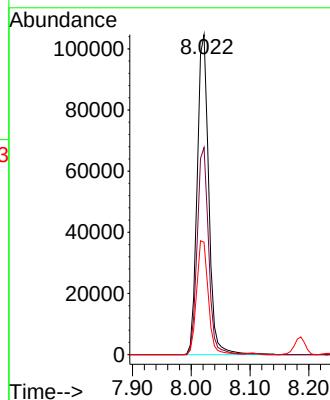
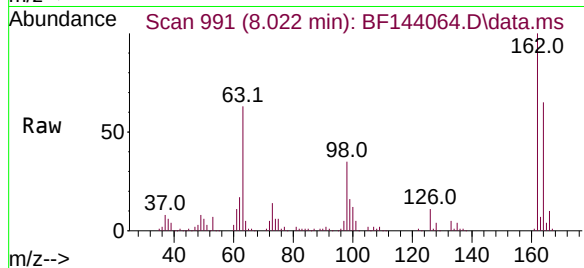
Tgt Ion:162 Resp: 142524

Ion Ratio Lower Upper

162 100

164 64.7 42.1 82.1

98 35.1 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 63.994 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

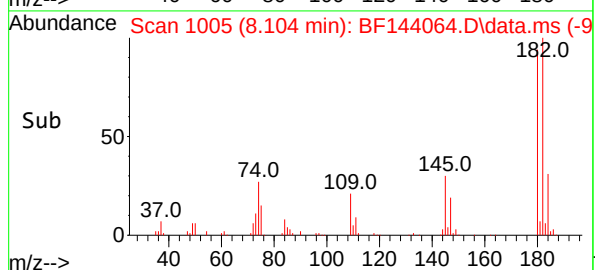
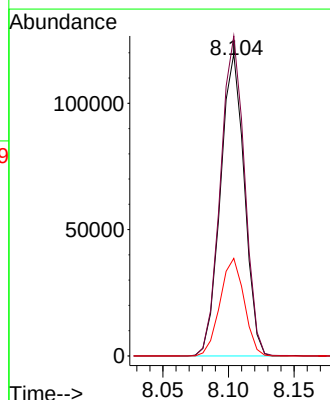
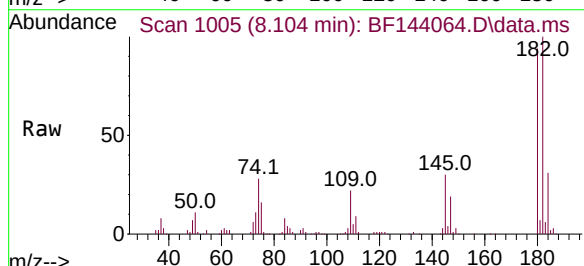
Tgt Ion:180 Resp: 151390

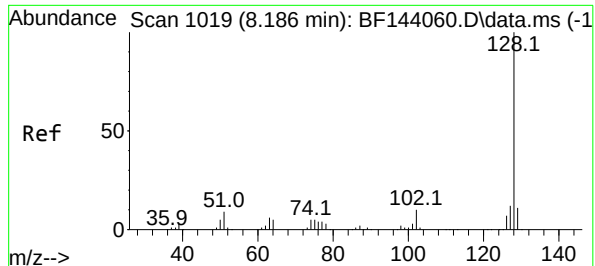
Ion Ratio Lower Upper

180 100

182 105.9 87.1 130.7

145 32.3 25.3 37.9

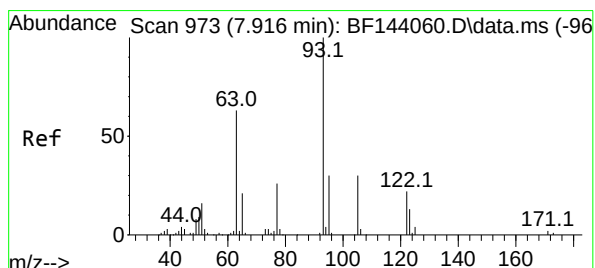
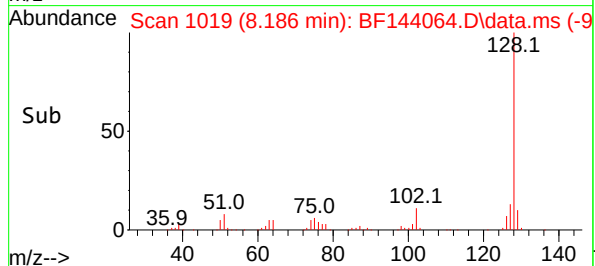
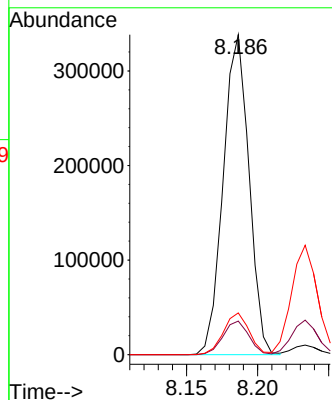
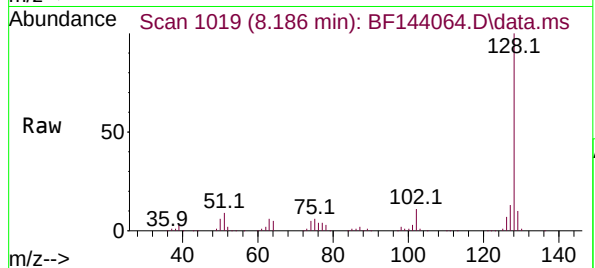




#31
Naphthalene
Concen: 62.477 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

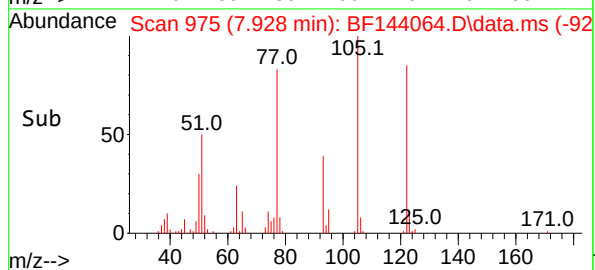
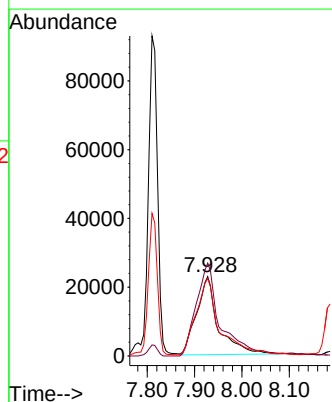
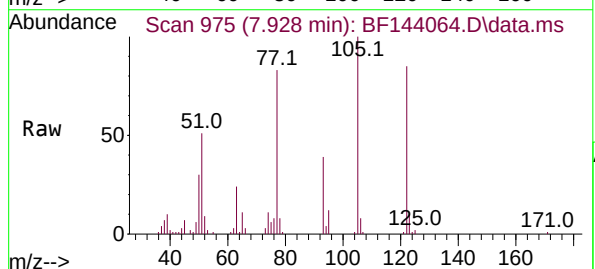
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

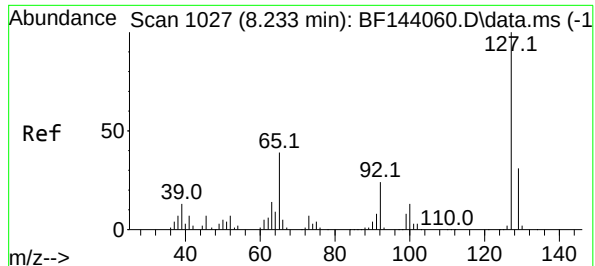
Tgt Ion:128 Resp: 427166
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 58.314 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:122 Resp: 73142
Ion Ratio Lower Upper
122 100
105 117.2 111.3 151.3
77 97.6 96.7 136.7





#33

4-Chloroaniline

Concen: 62.767 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 149397

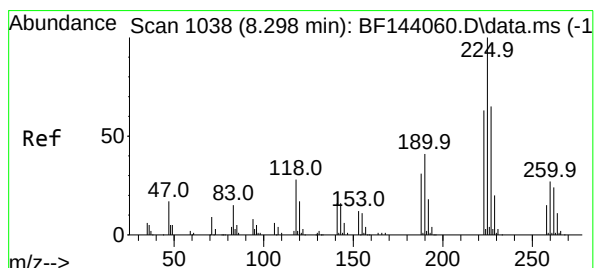
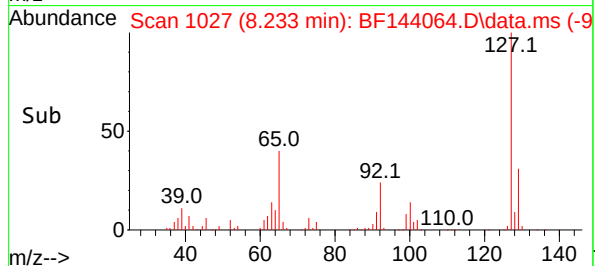
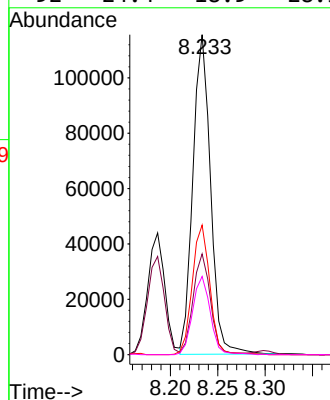
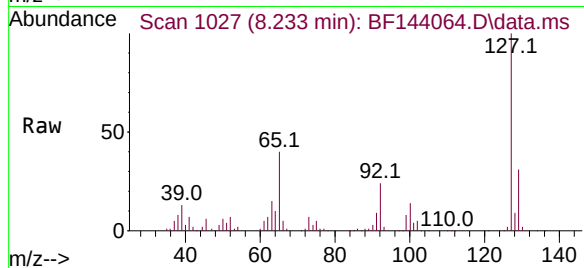
Ion Ratio Lower Upper

127 100

129 31.5 25.6 38.4

65 40.5 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 66.488 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

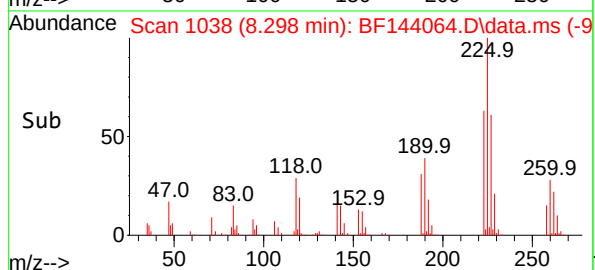
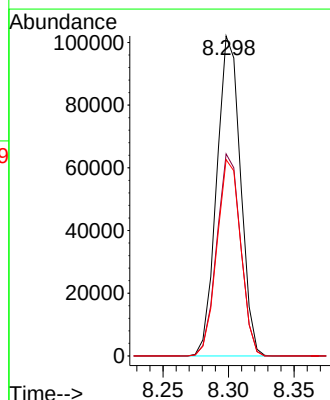
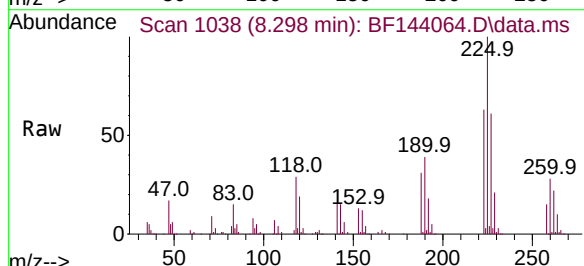
Tgt Ion:225 Resp: 128615

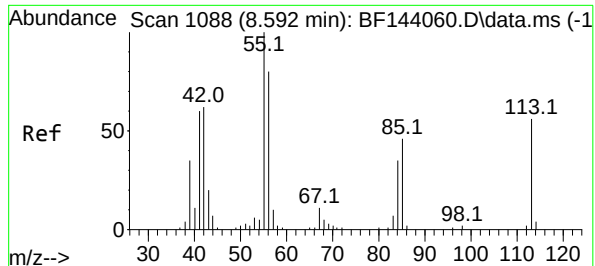
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 61.3 51.8 77.8





#35

Caprolactam

Concen: 64.879 ng

RT: 8.604 min Scan# 1088

Delta R.T. 0.012 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

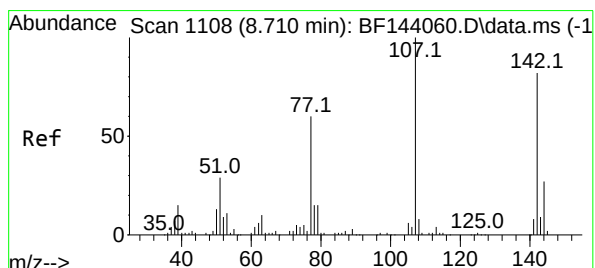
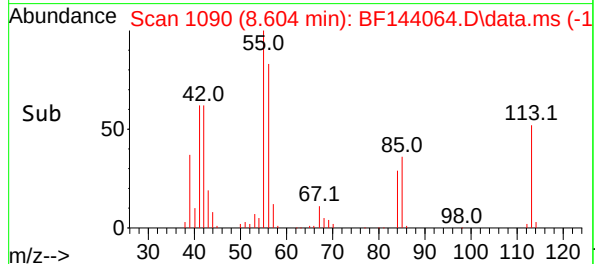
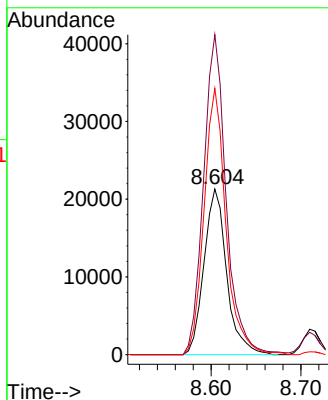
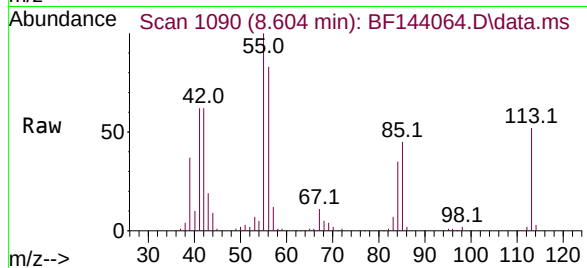
Tgt Ion:113 Resp: 37413

Ion Ratio Lower Upper

113 100

55 193.3 160.1 200.1

56 160.7 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 63.473 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

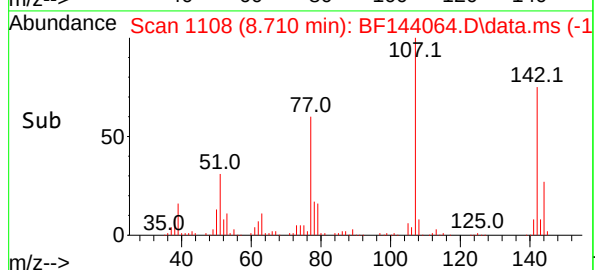
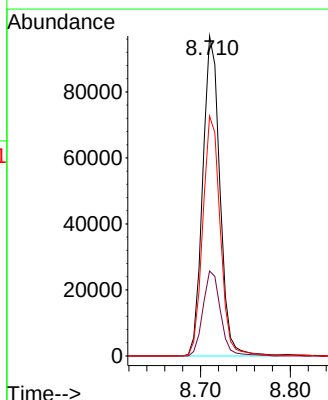
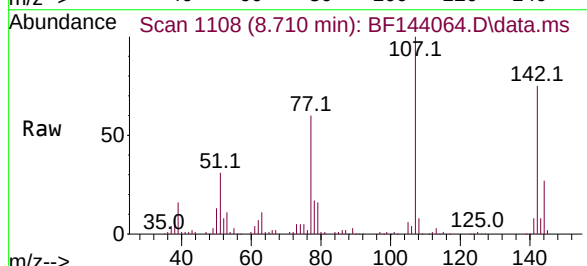
Tgt Ion:107 Resp: 128805

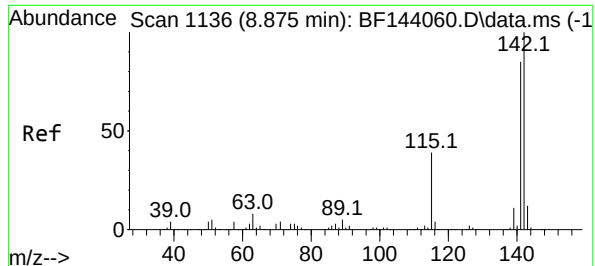
Ion Ratio Lower Upper

107 100

144 26.5 21.6 32.4

142 75.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 61.432 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

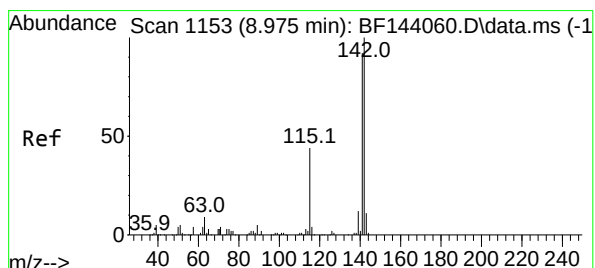
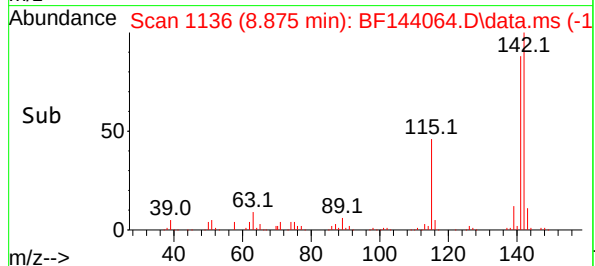
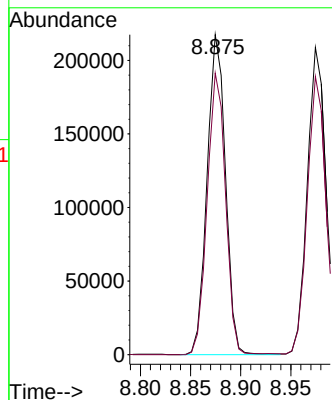
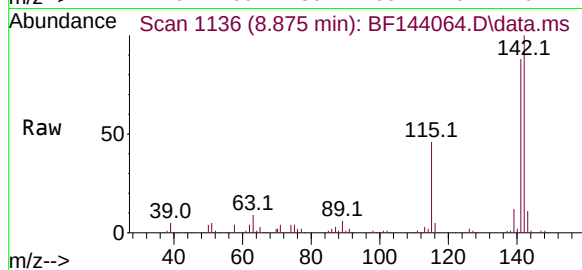
SSTDICC060

Tgt Ion:142 Resp: 276923

Ion Ratio Lower Upper

142 100

141 88.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 62.174 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144064.D

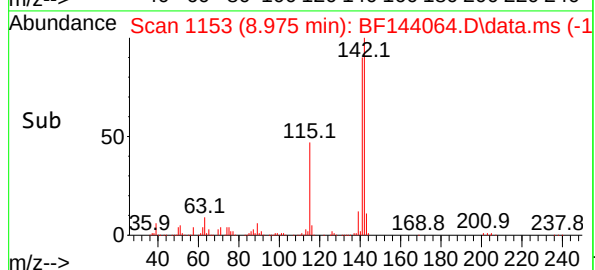
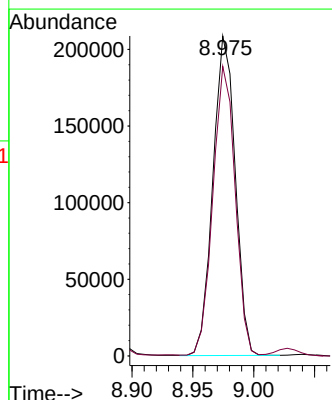
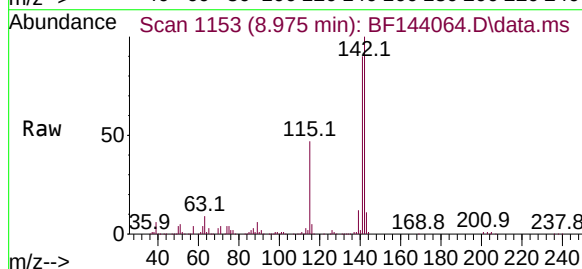
Acq: 24 Oct 2025 16:24

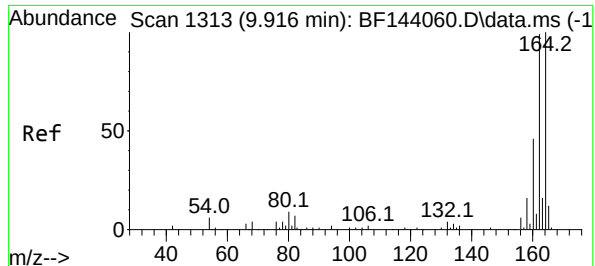
Tgt Ion:142 Resp: 265532

Ion Ratio Lower Upper

142 100

141 90.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

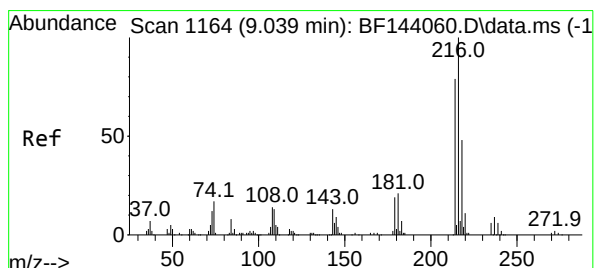
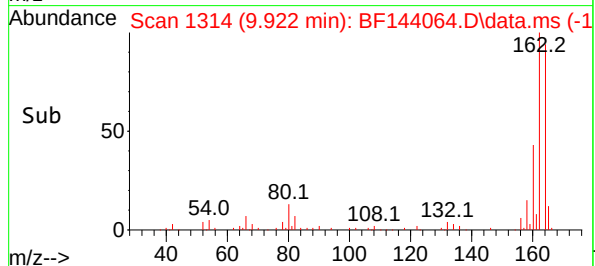
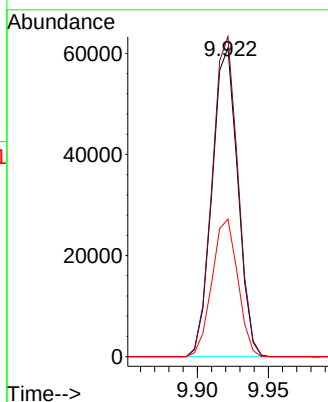
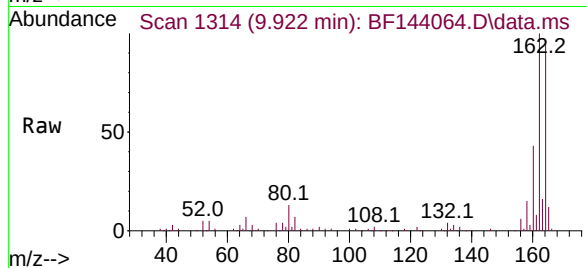
Tgt Ion:164 Resp: 76683

Ion Ratio Lower Upper

164 100

162 103.7 79.4 119.2

160 44.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.495 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:216 Resp: 164703

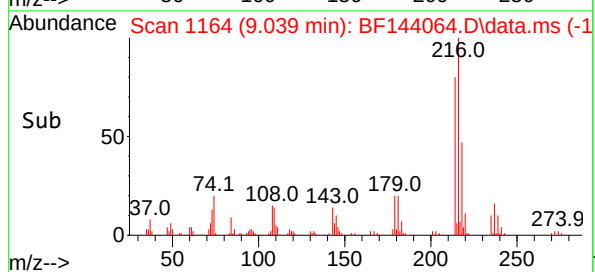
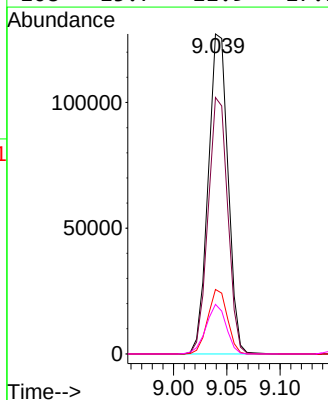
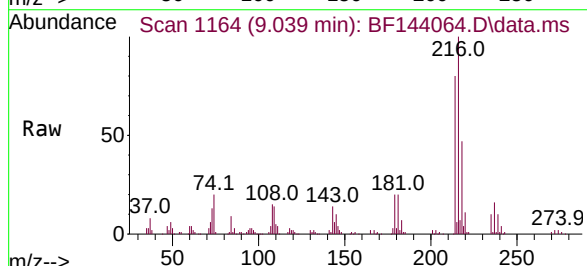
Ion Ratio Lower Upper

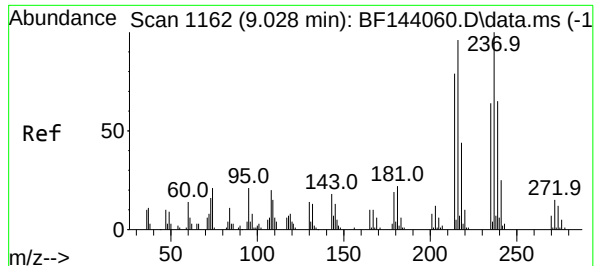
216 100

214 79.2 63.2 94.8

179 19.9 15.2 22.8

108 15.7 11.9 17.9

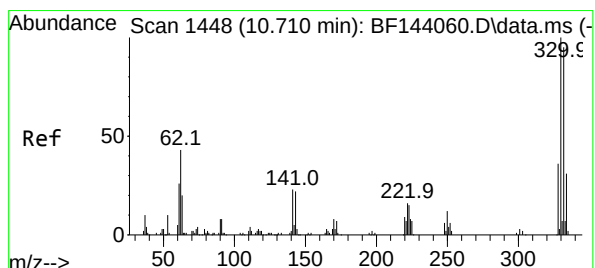
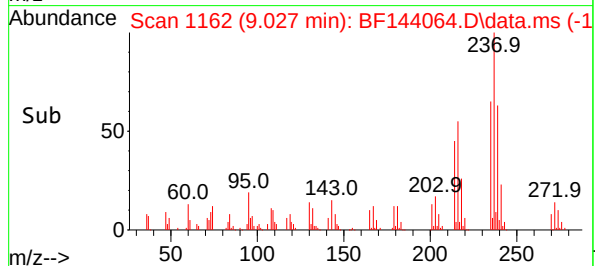
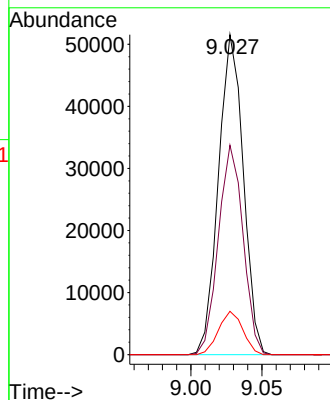
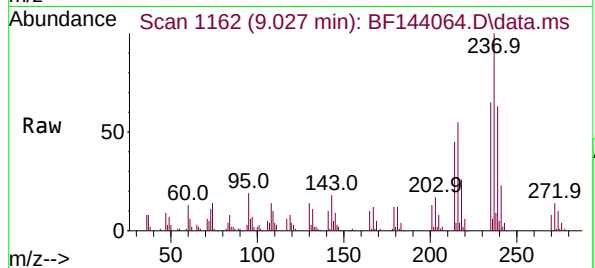




#41
Hexachlorocyclopentadiene
Concen: 77.248 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

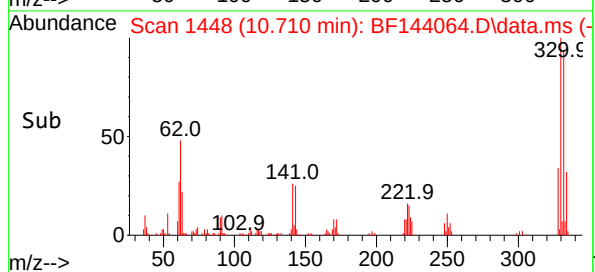
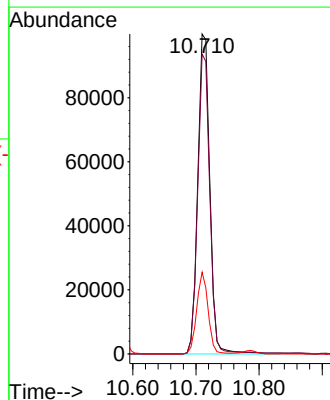
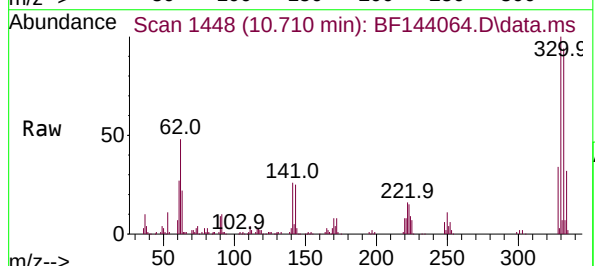
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

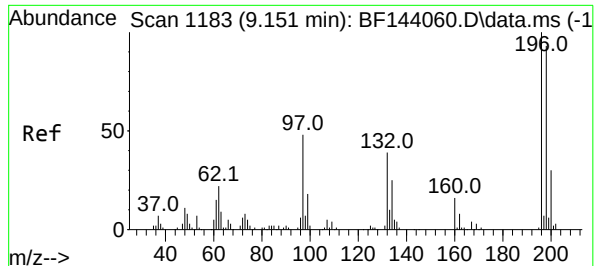
Tgt Ion:237 Resp: 62879
Ion Ratio Lower Upper
237 100
235 65.4 44.3 84.3
272 13.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 135.953 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:330 Resp: 132798
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 65.103 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

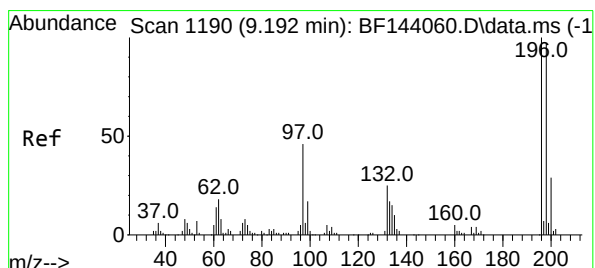
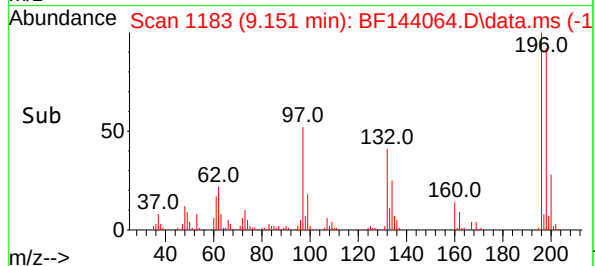
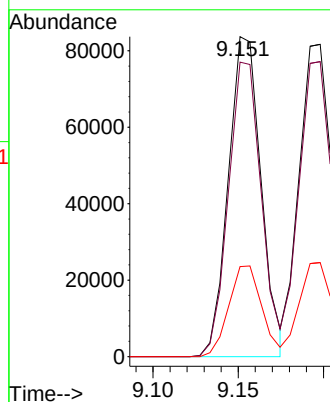
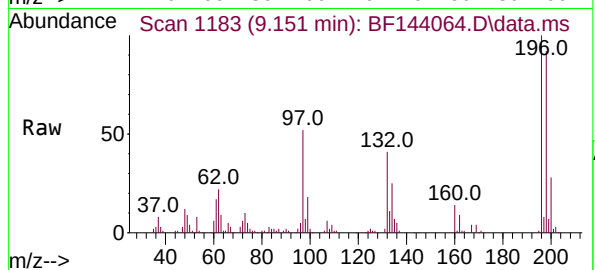
Tgt Ion:196 Resp: 111523

Ion Ratio Lower Upper

196 100

198 92.0 74.4 111.6

200 28.2 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 65.377 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:196 Resp: 117536

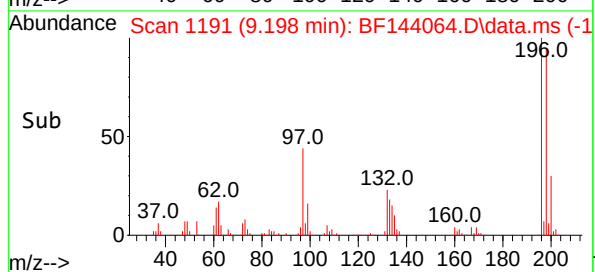
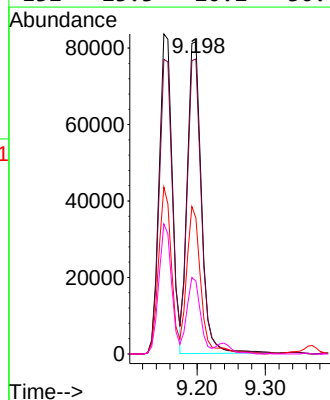
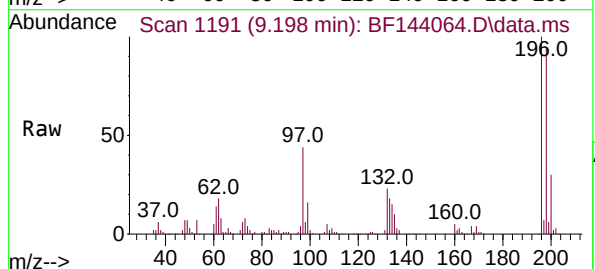
Ion Ratio Lower Upper

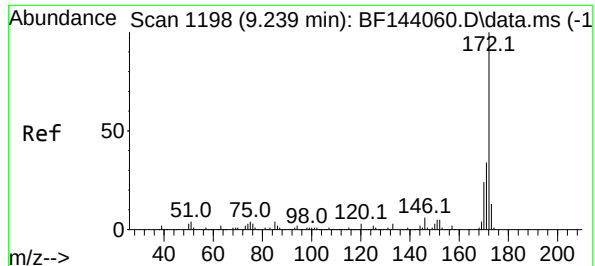
196 100

198 94.5 78.0 117.0

97 43.6 37.7 56.5

132 23.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 124.361 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

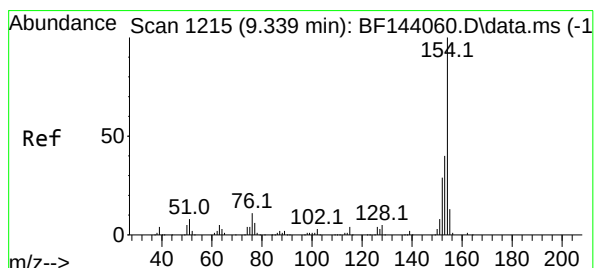
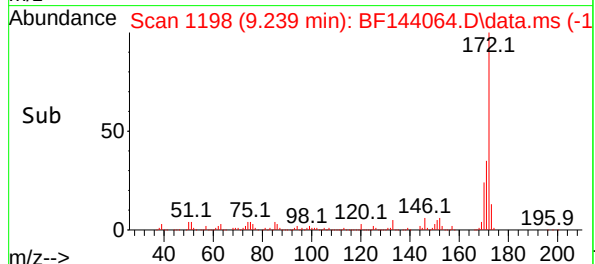
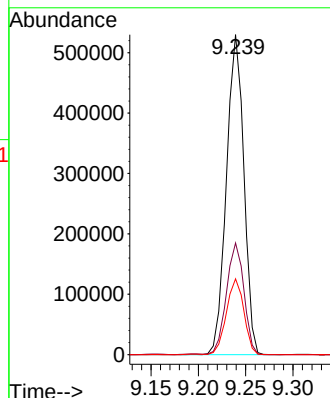
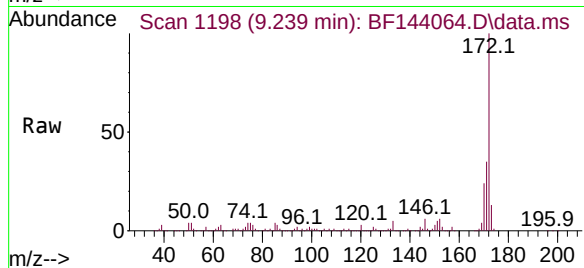
Tgt Ion:172 Resp: 677674

Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 61.621 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

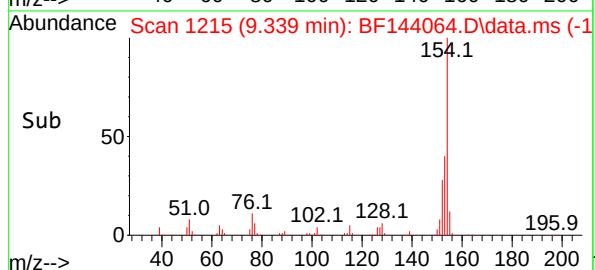
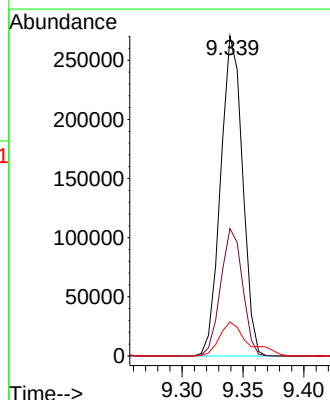
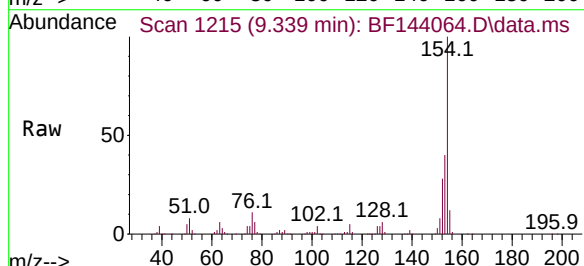
Tgt Ion:154 Resp: 338254

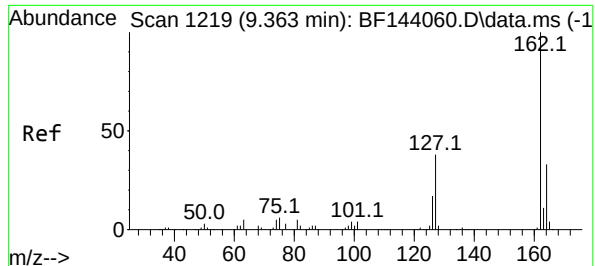
Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

76 10.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 62.514 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144064.D

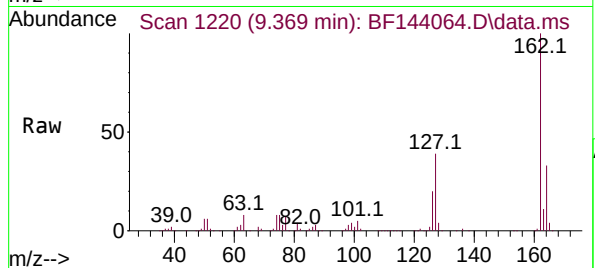
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



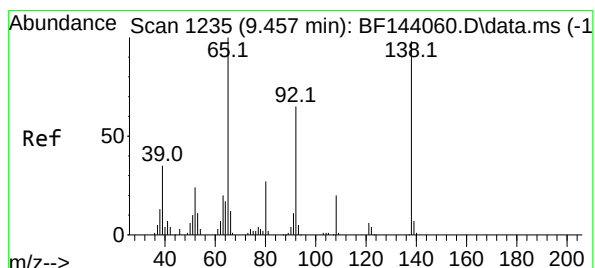
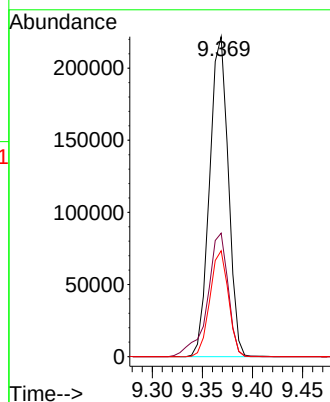
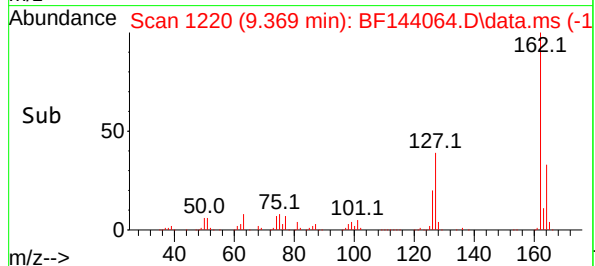
Tgt Ion:162 Resp: 287490

Ion Ratio Lower Upper

162 100

127 38.6 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

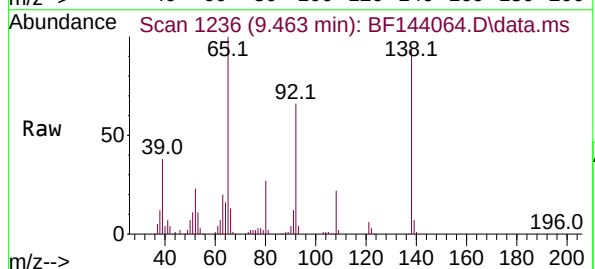
Concen: 67.272 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24



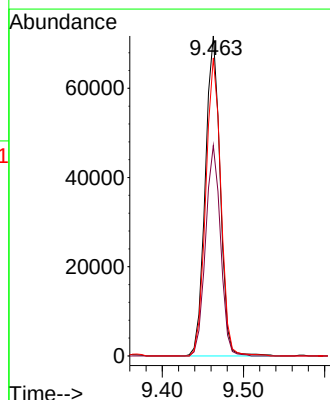
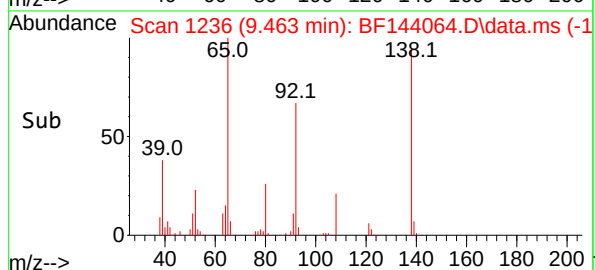
Tgt Ion: 65 Resp: 91867

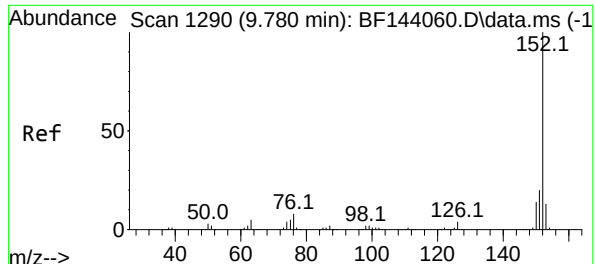
Ion Ratio Lower Upper

65 100

92 65.7 52.3 78.5

138 93.1 78.3 117.5





#49

Acenaphthylene

Concen: 61.895 ng

RT: 9.780 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

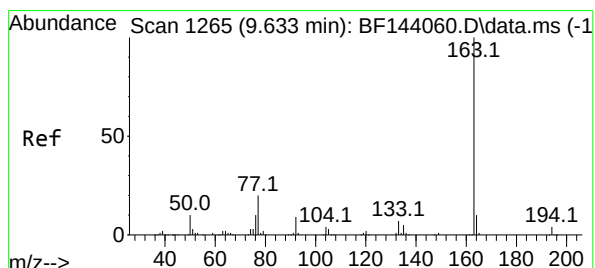
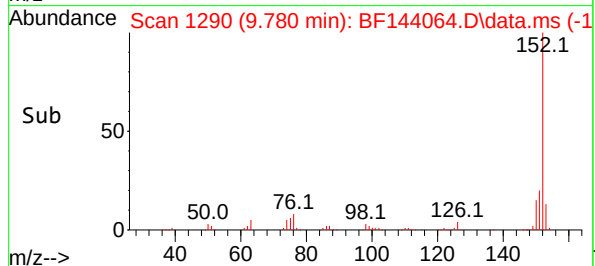
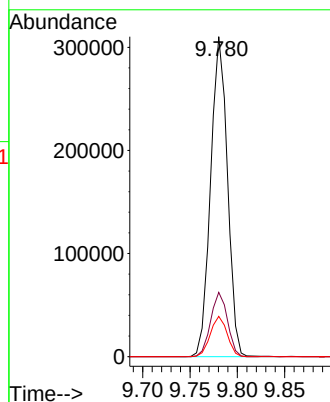
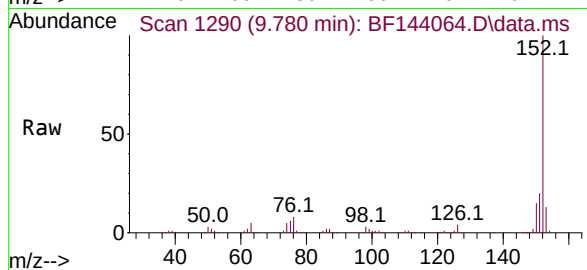
Tgt Ion:152 Resp: 383800

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 63.485 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

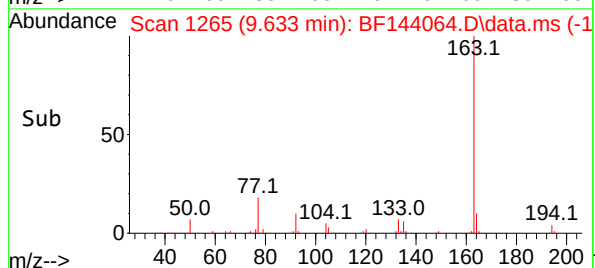
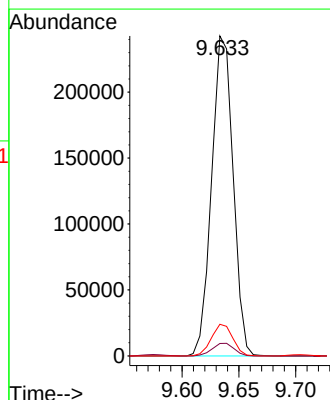
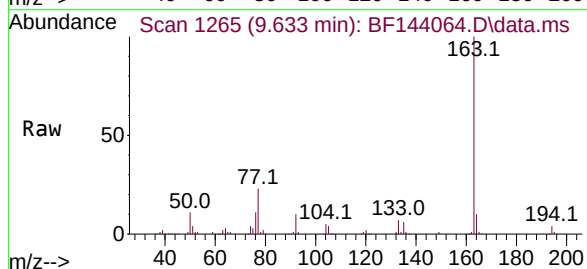
Tgt Ion:163 Resp: 319101

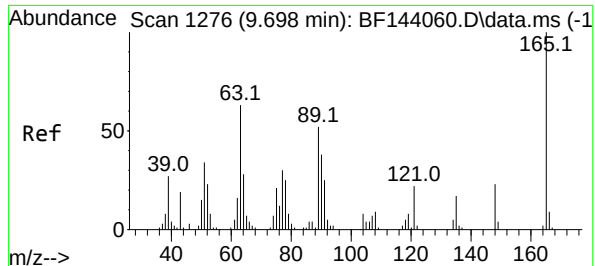
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 66.619 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

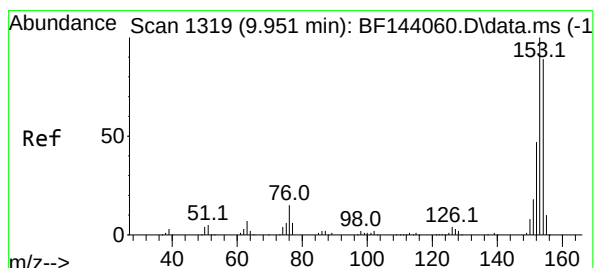
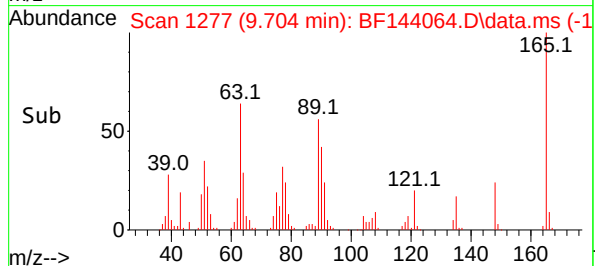
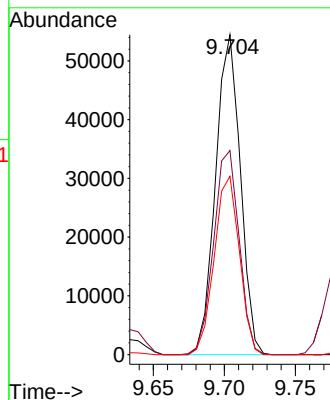
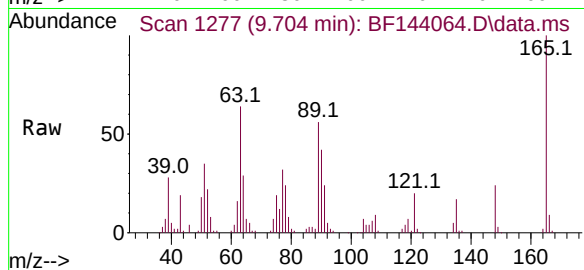
Tgt Ion:165 Resp: 66198

Ion Ratio Lower Upper

165 100

63 63.8 50.4 75.6

89 55.7 41.4 62.2



#52

Acenaphthene

Concen: 62.331 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

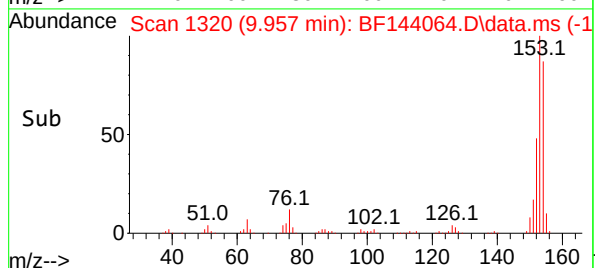
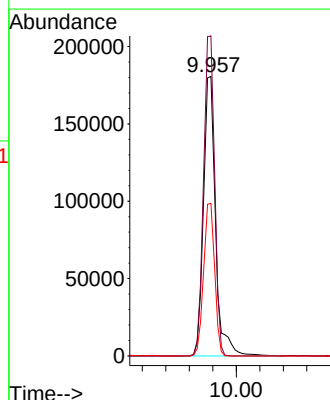
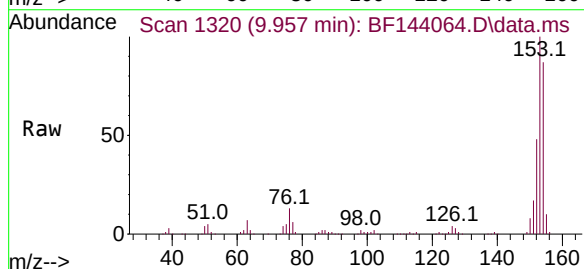
Tgt Ion:154 Resp: 258125

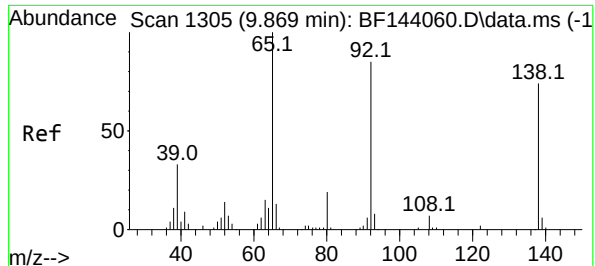
Ion Ratio Lower Upper

154 100

153 114.5 89.9 134.9

152 54.6 42.0 63.0





#53

3-Nitroaniline

Concen: 62.642 ng

RT: 9.874 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

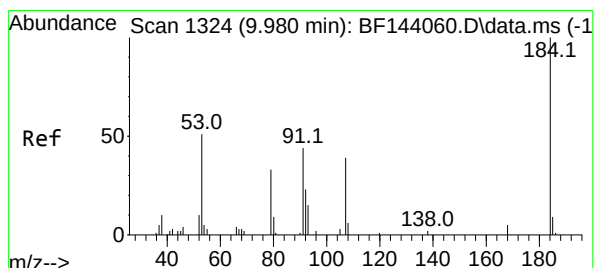
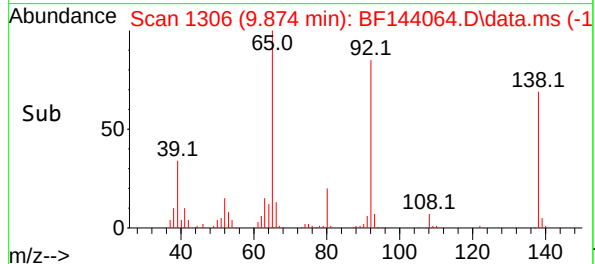
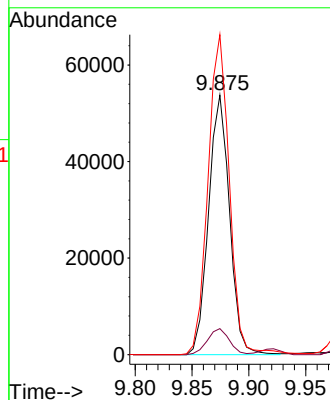
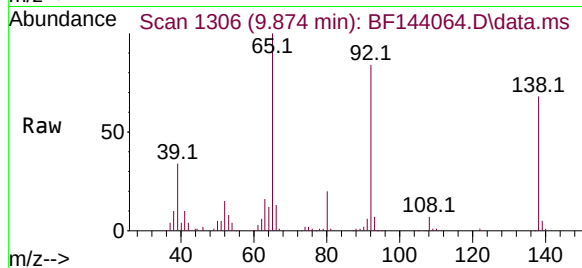
Tgt Ion:138 Resp: 69206

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

92 123.3 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 59.508 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

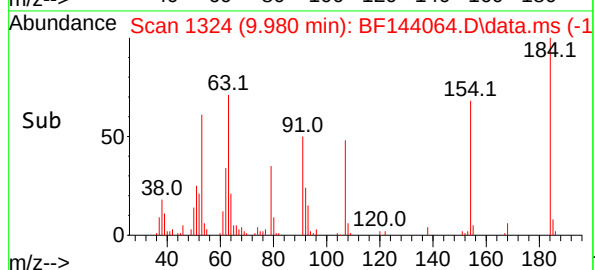
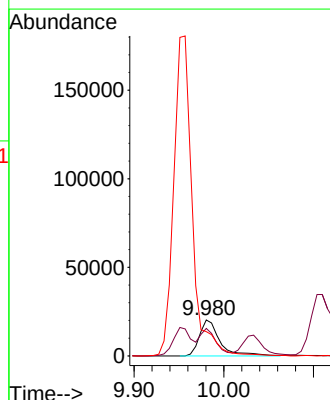
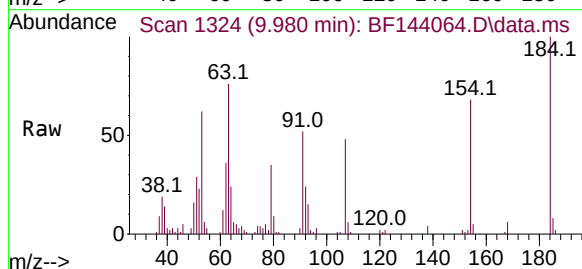
Tgt Ion:184 Resp: 31982

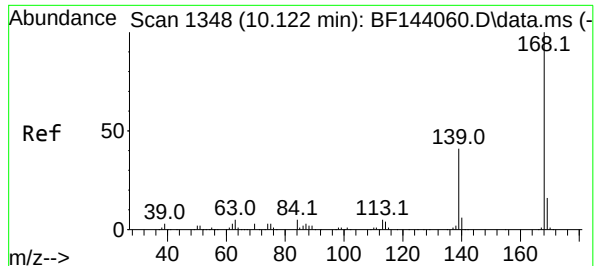
Ion Ratio Lower Upper

184 100

63 76.4 52.1 78.1

154 67.6 47.9 71.9





#55

Dibenzofuran

Concen: 61.440 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

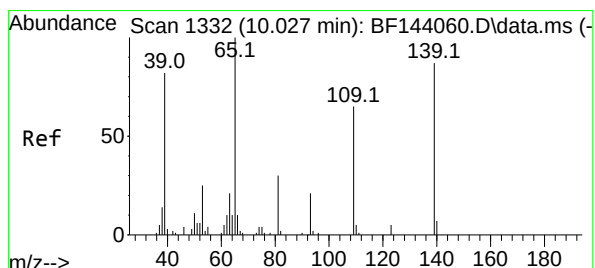
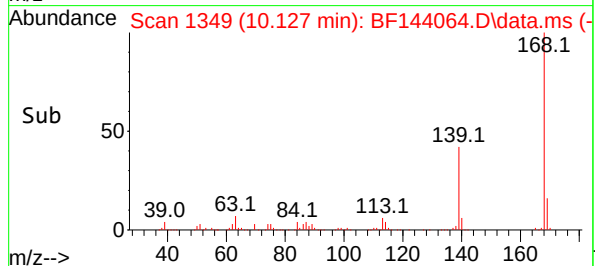
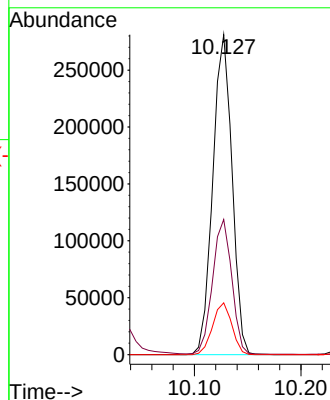
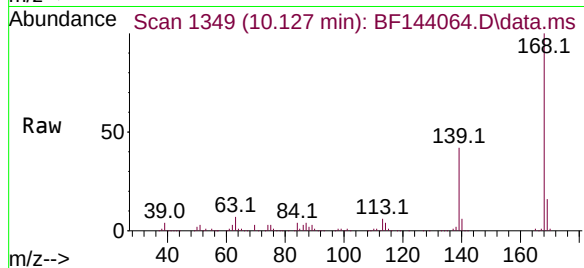
Tgt Ion:168 Resp: 353228

Ion Ratio Lower Upper

168 100

139 42.2 33.2 49.8

169 16.2 12.6 19.0



#56

4-Nitrophenol

Concen: 62.136 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

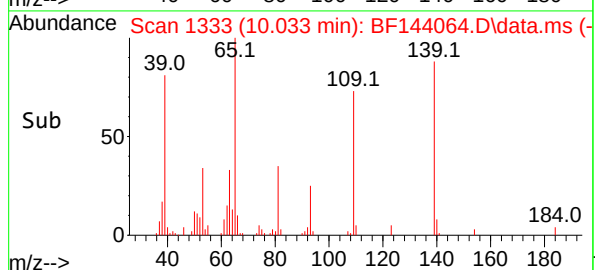
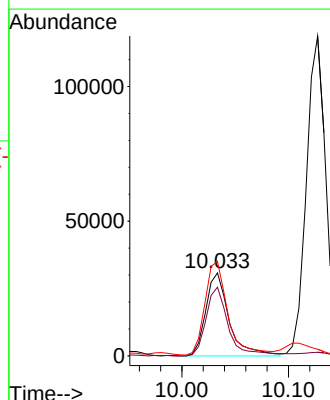
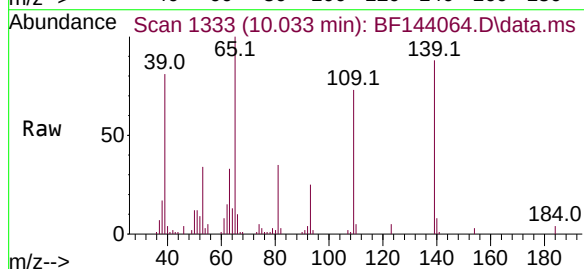
Tgt Ion:139 Resp: 46485

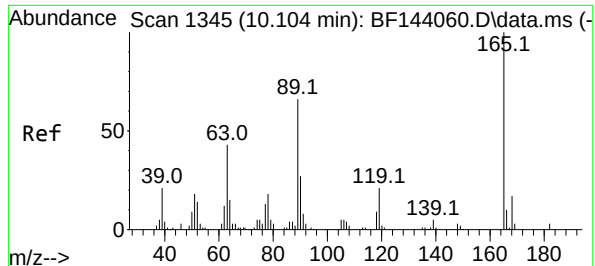
Ion Ratio Lower Upper

139 100

109 82.7 53.8 93.8

65 113.8 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 66.833 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 89630

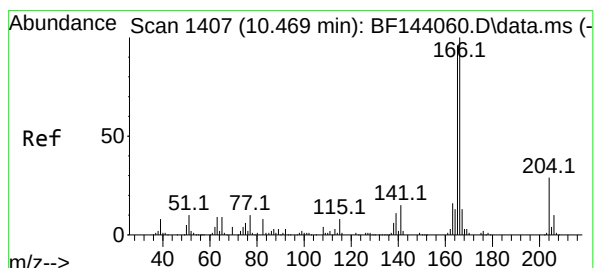
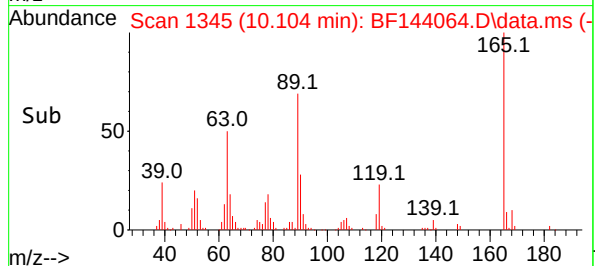
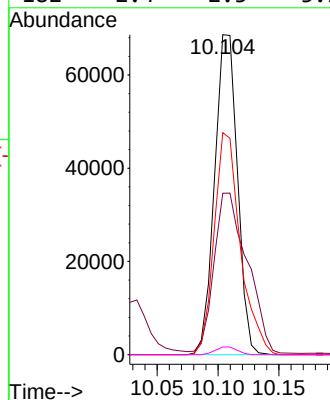
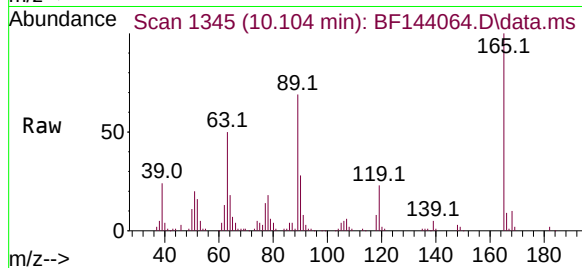
Ion Ratio Lower Upper

165 100

63 50.4 35.4 53.2

89 69.4 52.7 79.1

182 2.4 2.3 3.5



#58

Fluorene

Concen: 60.997 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

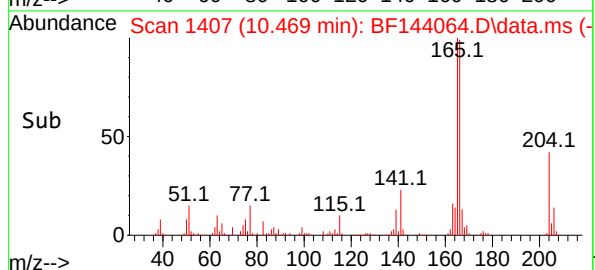
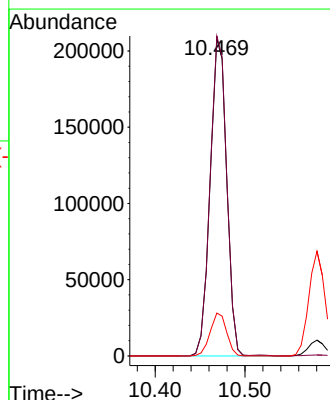
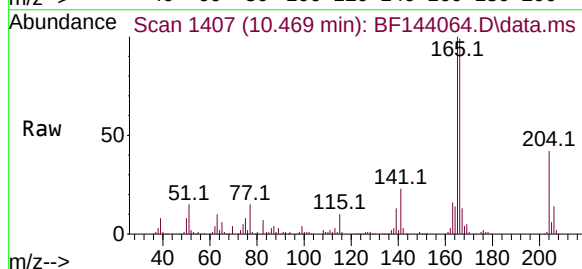
Tgt Ion:166 Resp: 267202

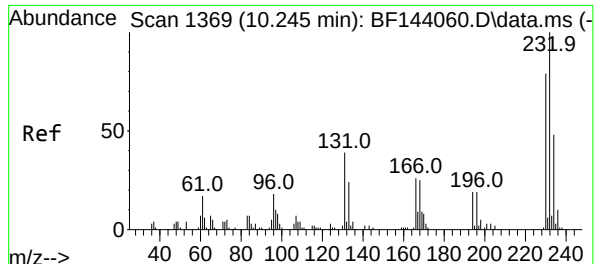
Ion Ratio Lower Upper

166 100

165 101.0 77.0 115.4

167 13.5 10.2 15.4

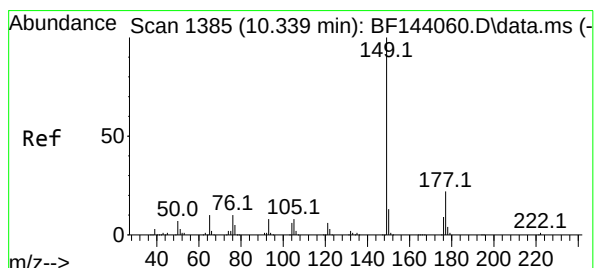
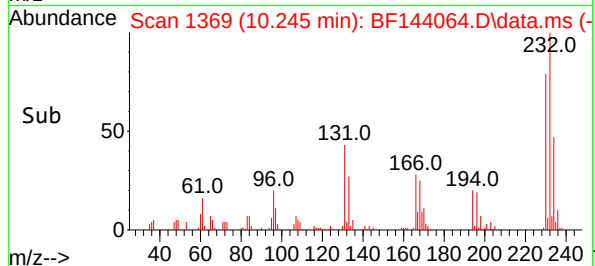
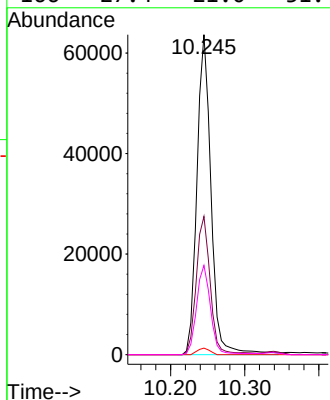
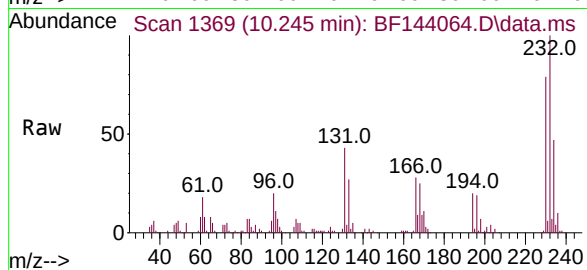




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.502 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

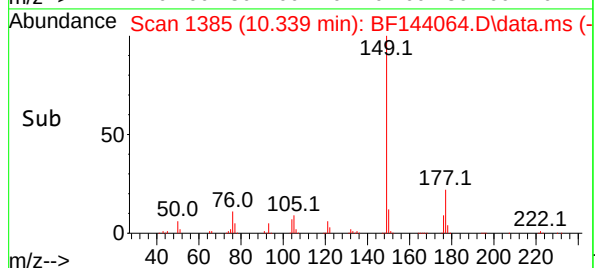
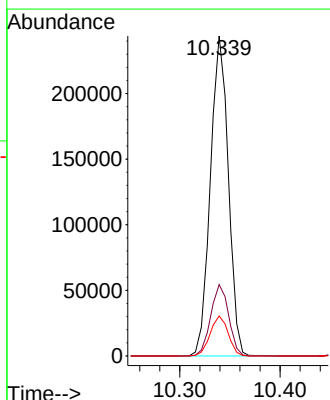
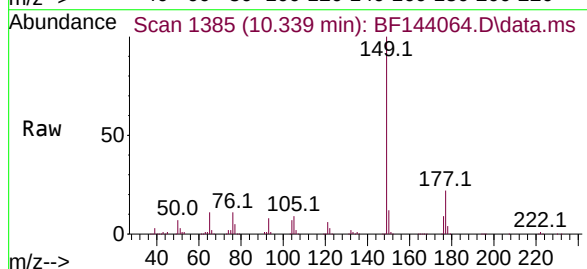
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

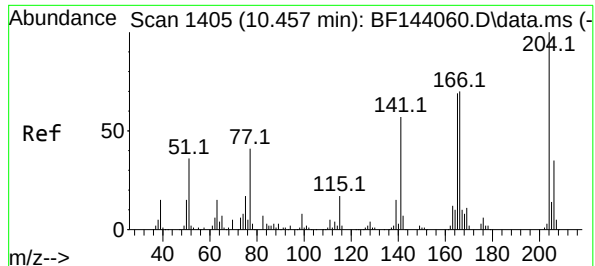
Tgt Ion:232 Resp: 84250
Ion Ratio Lower Upper
232 100
131 42.7 31.9 47.9
130 1.8 1.1 1.7#
166 27.4 21.0 31.4



#60
Diethylphthalate
Concen: 64.138 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:149 Resp: 303176
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.5 10.1 15.1

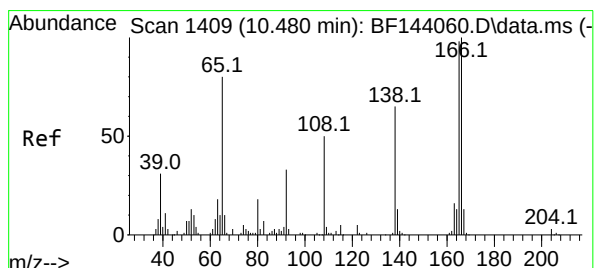
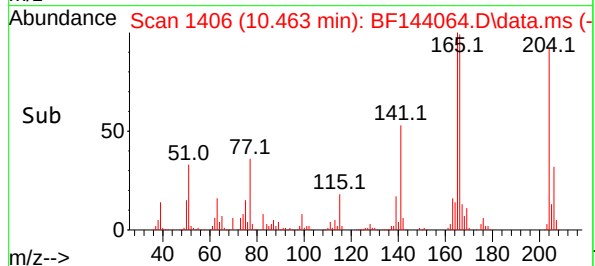
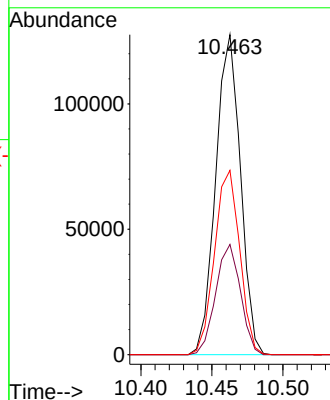
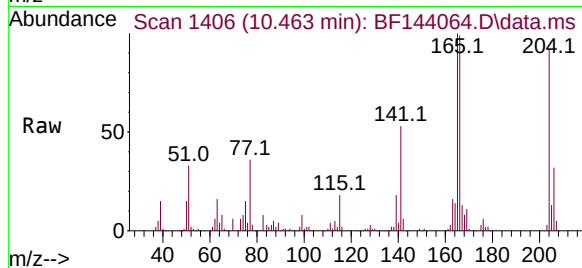




#61
4-Chlorophenyl-phenylether
Concen: 62.927 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

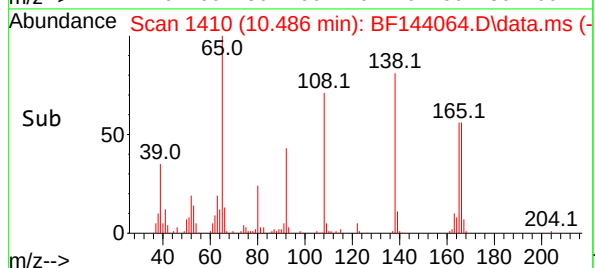
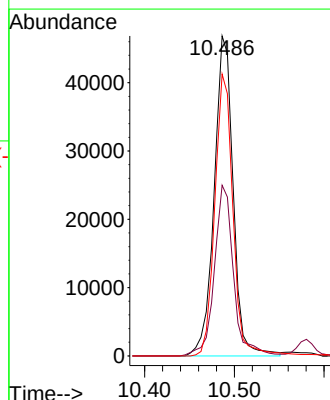
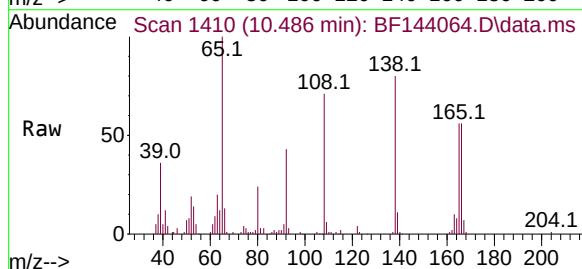
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

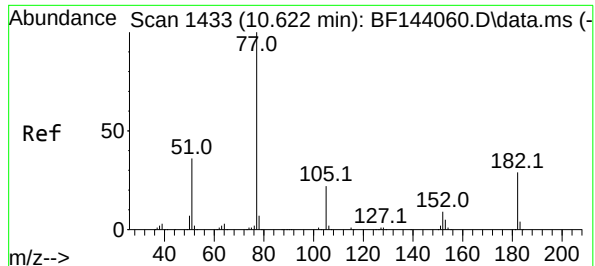
Tgt Ion:204 Resp: 155019
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.6
141 57.6 45.4 68.2



#62
4-Nitroaniline
Concen: 65.819 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:138 Resp: 68899
Ion Ratio Lower Upper
138 100
92 53.3 30.5 70.5
108 88.1 56.2 96.2

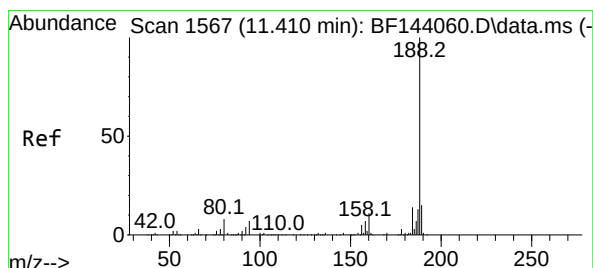
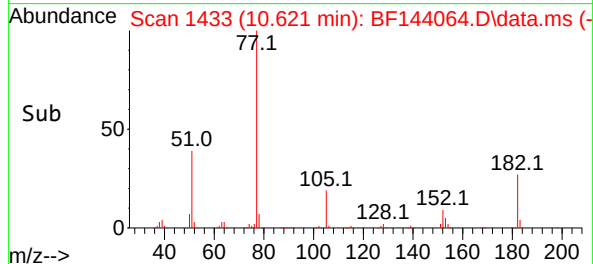
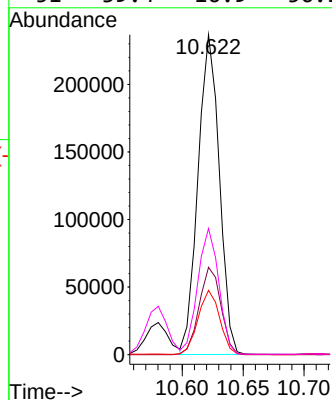
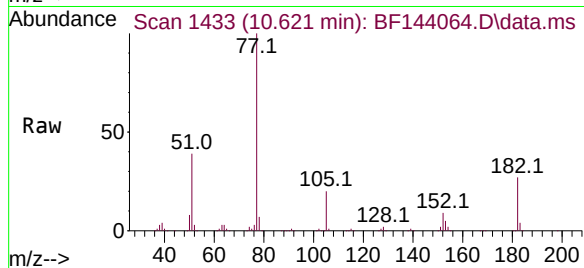




#63
Azobenzene
Concen: 64.412 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

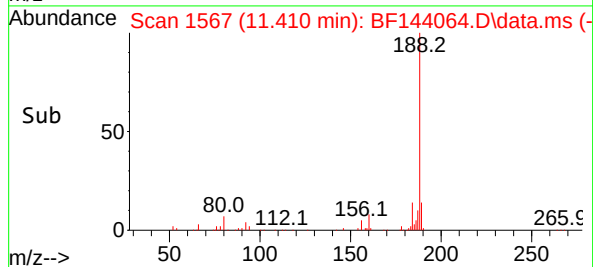
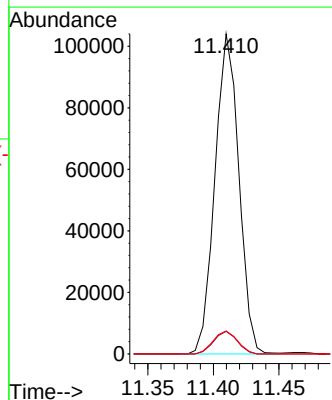
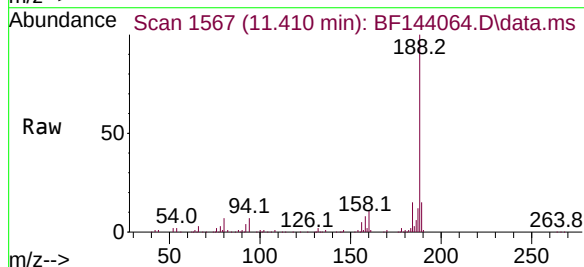
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

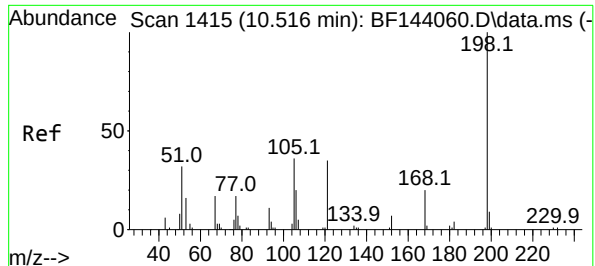
Tgt Ion: 77 Resp: 288180
Ion Ratio Lower Upper
77 100
182 27.3 9.0 49.0
105 20.1 1.4 41.4
51 39.4 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 188 Resp: 132038
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.2 6.0 9.0

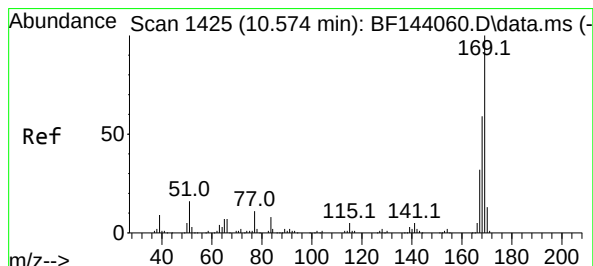
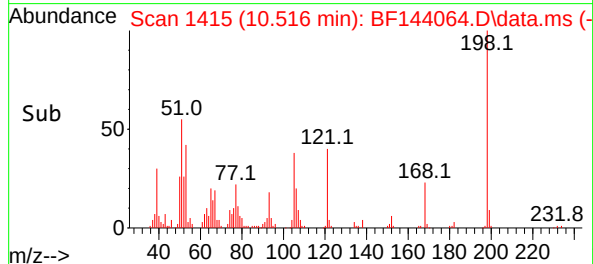
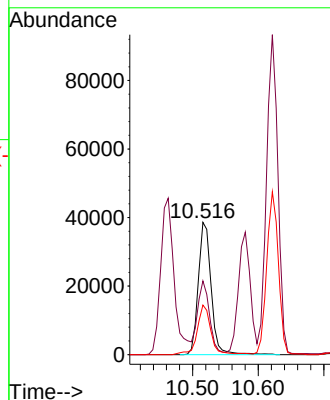
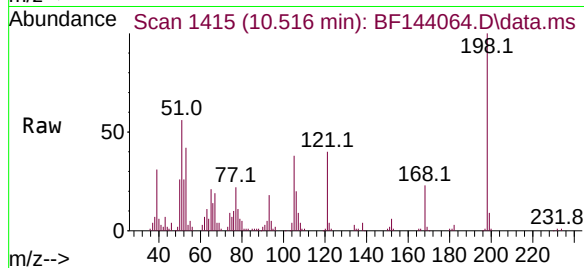




#65
4,6-Dinitro-2-methylphenol
Concen: 61.785 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

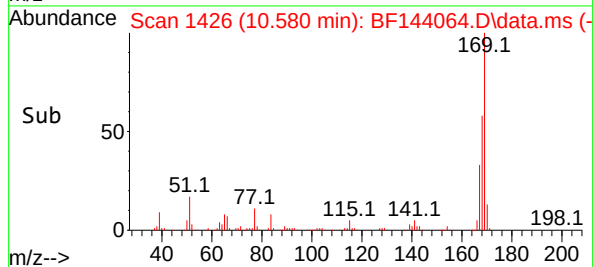
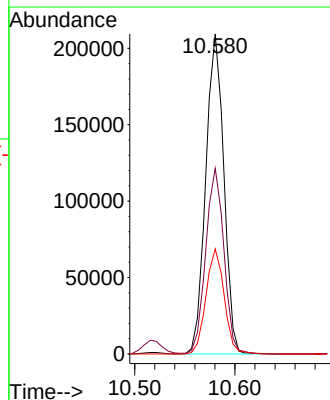
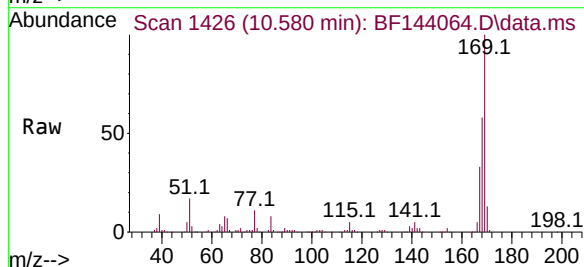
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

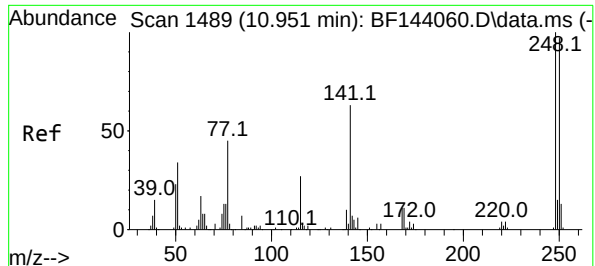
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.8	25.8	65.8
105	37.5	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 61.911 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.0	47.4	71.2
167	32.8	25.5	38.3

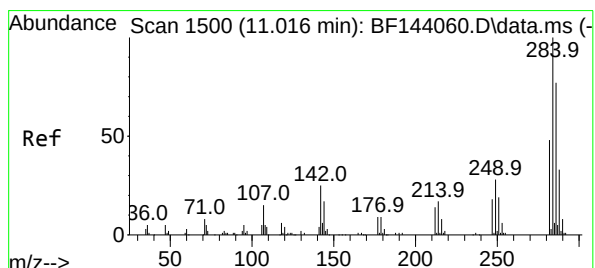
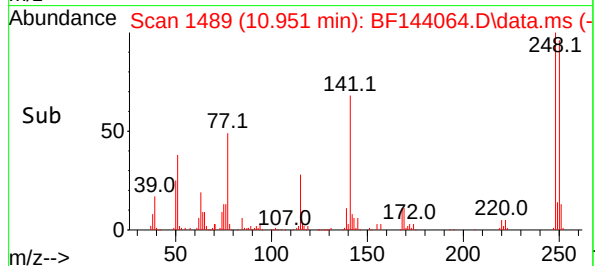
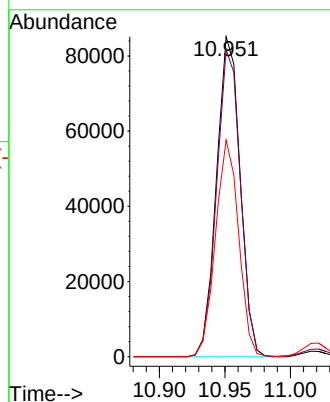
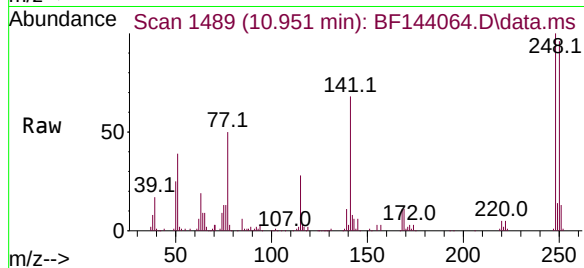




#67
4-Bromophenyl-phenylether
Concen: 64.641 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

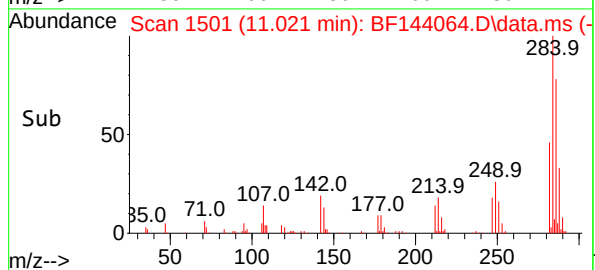
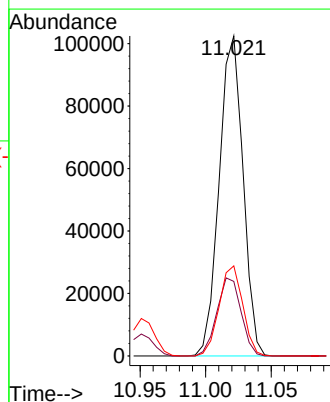
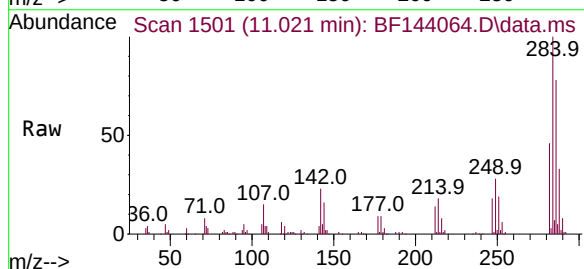
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

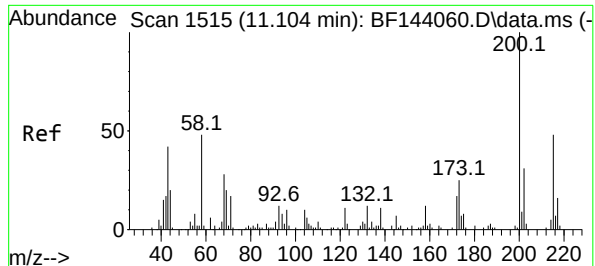
Tgt Ion:248 Resp: 106864
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 67.7 50.5 75.7



#68
Hexachlorobenzene
Concen: 64.021 ng
RT: 11.021 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:284 Resp: 129804
Ion Ratio Lower Upper
284 100
142 23.3 20.0 30.0
249 28.1 22.2 33.2





#69

Atrazine

Concen: 67.200 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

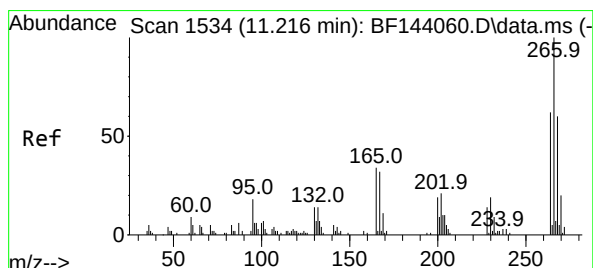
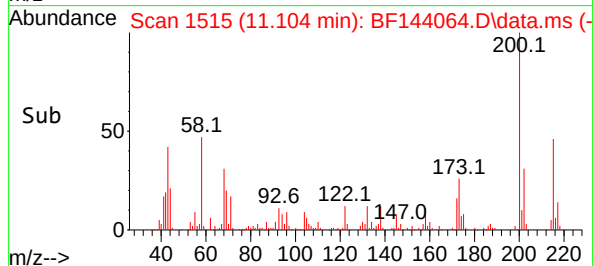
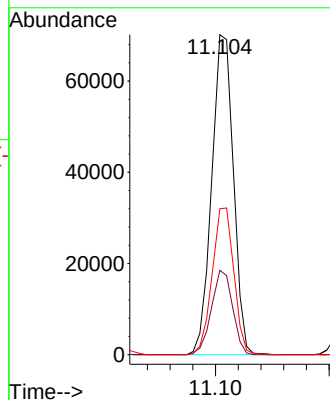
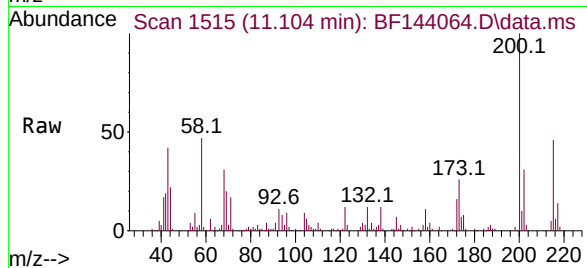
Tgt Ion:200 Resp: 93028

Ion Ratio Lower Upper

200 100

173 26.3 4.9 44.9

215 45.6 28.2 68.2



#70

Pentachlorophenol

Concen: 68.842 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

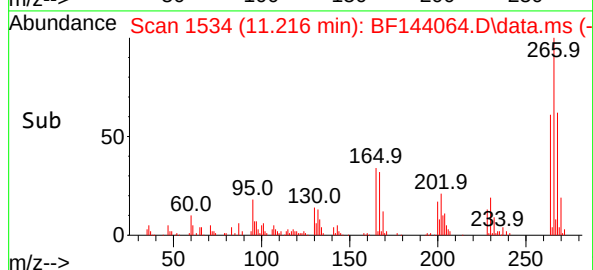
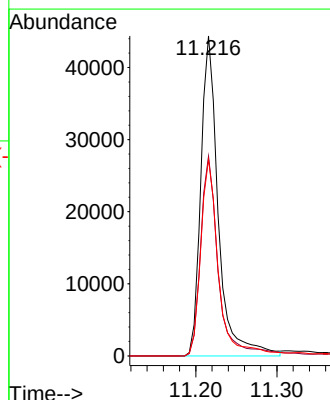
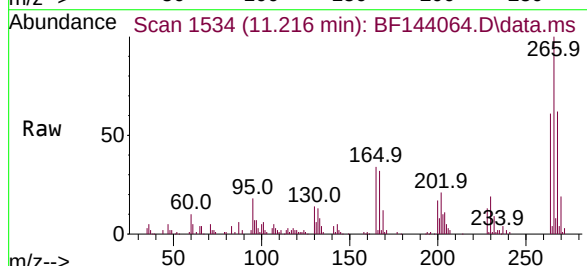
Tgt Ion:266 Resp: 66439

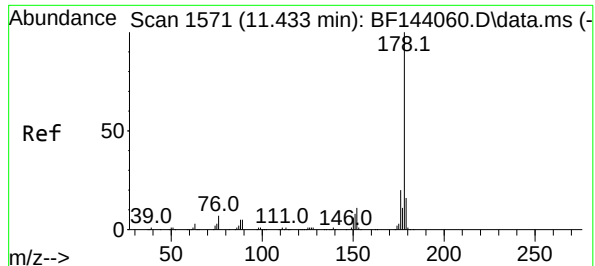
Ion Ratio Lower Upper

266 100

268 62.4 48.2 72.4

264 61.4 49.4 74.0

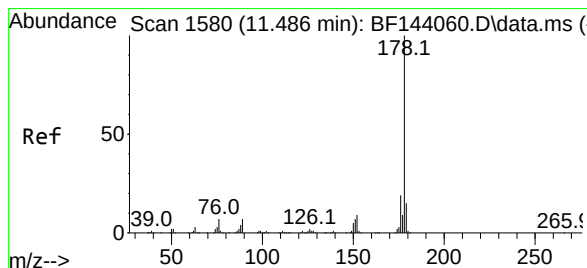
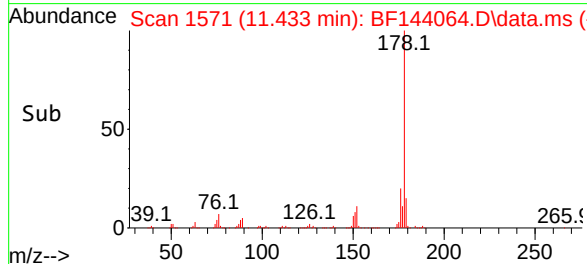
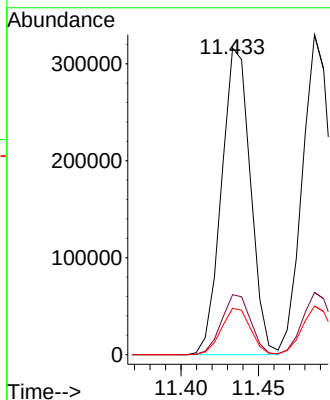
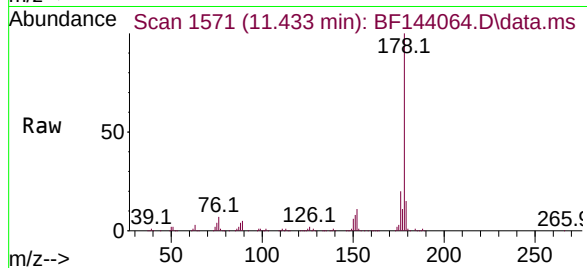




#71
Phenanthrene
Concen: 63.013 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

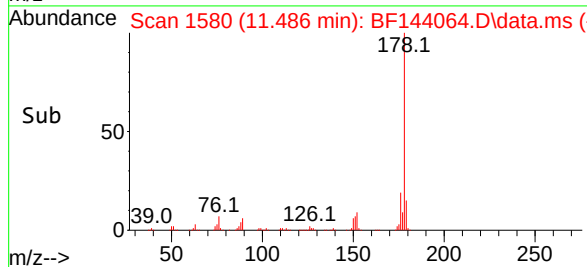
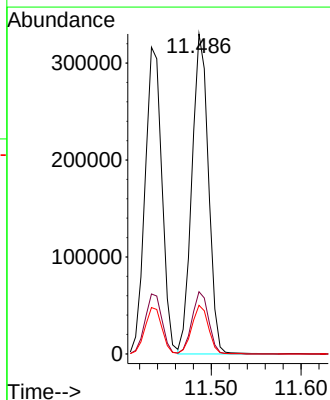
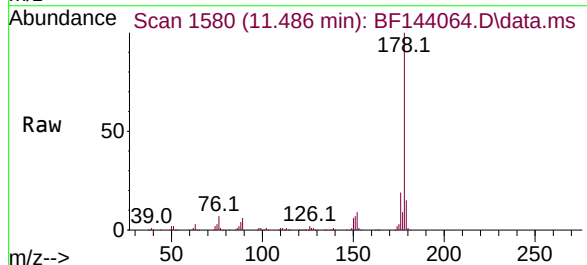
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

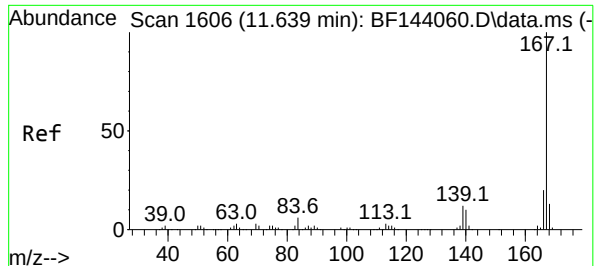
Tgt Ion:178 Resp: 413305
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.1 12.6 18.8



#72
Anthracene
Concen: 62.266 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

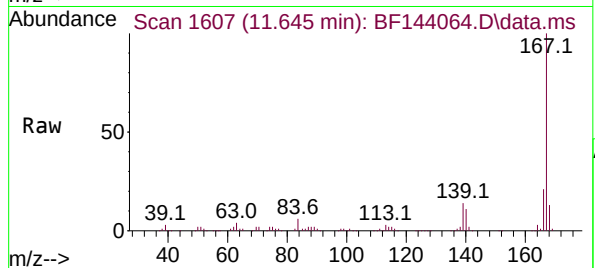
Tgt Ion:178 Resp: 421890
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 15.2 11.8 17.6



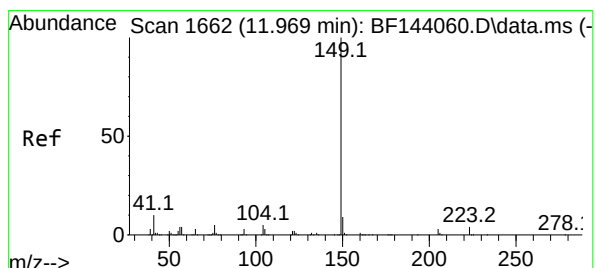
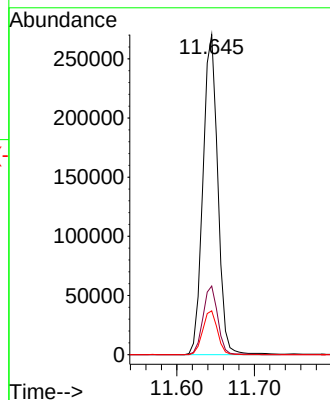
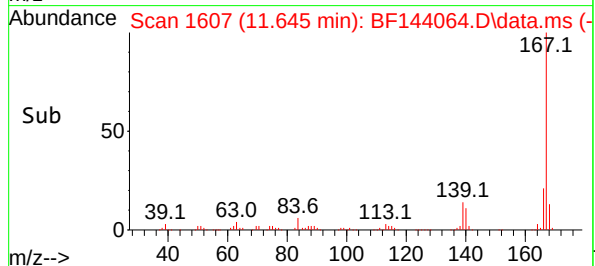


#73
Carbazole
Concen: 62.276 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

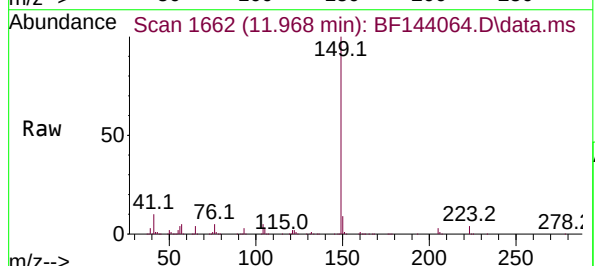
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



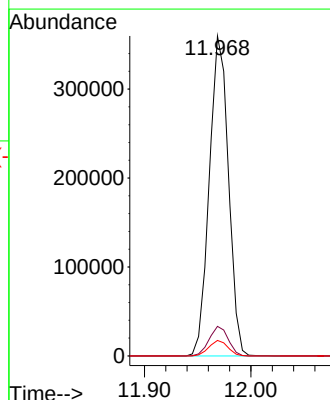
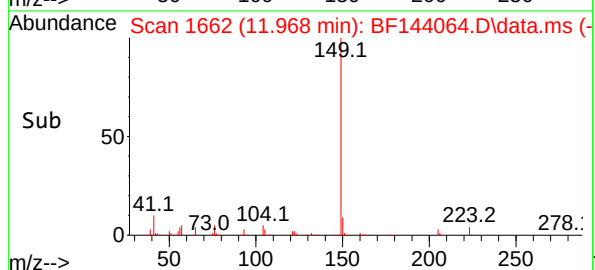
Tgt Ion:167 Resp: 359155
Ion Ratio Lower Upper
167 100
166 21.5 16.1 24.1
139 13.7 9.8 14.6

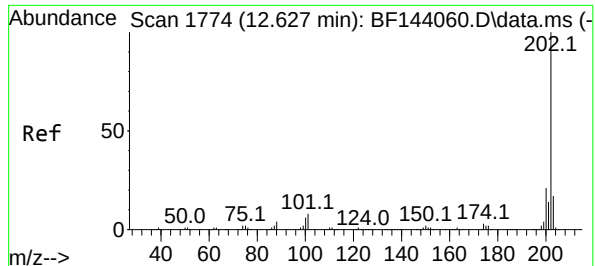


#74
Di-n-butylphthalate
Concen: 63.601 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24



Tgt Ion:149 Resp: 449708
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.8 3.6 5.4

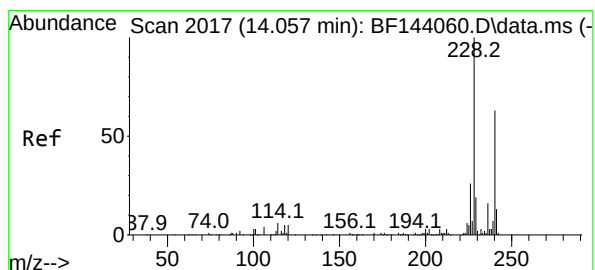
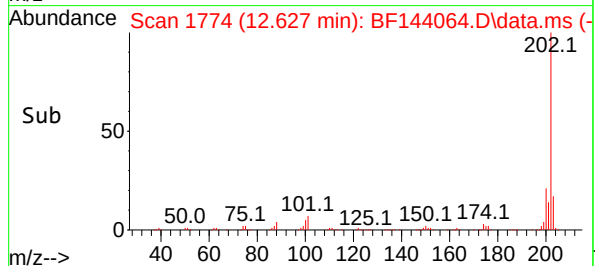
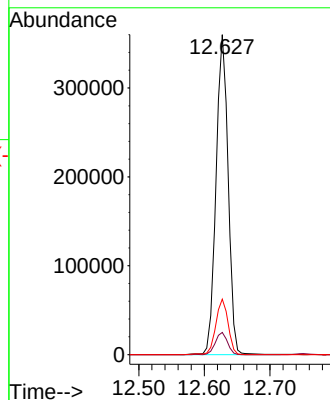
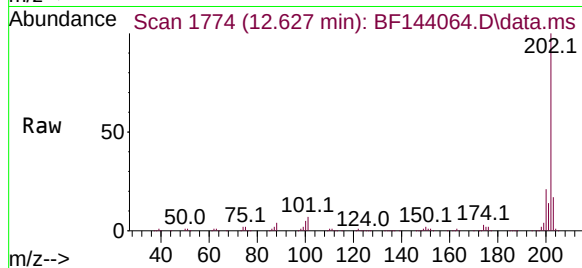




#75
Fluoranthene
Concen: 63.767 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

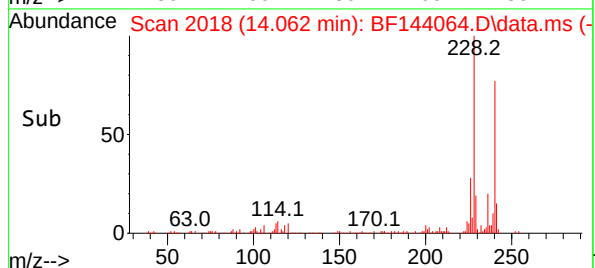
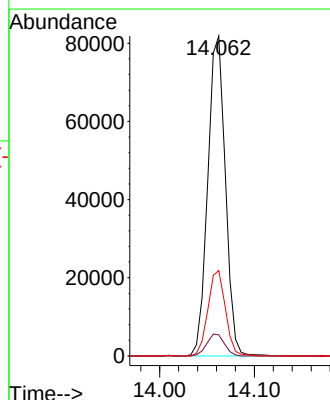
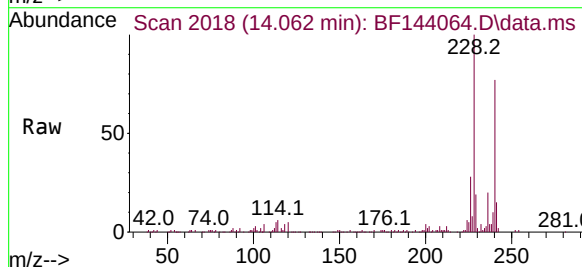
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

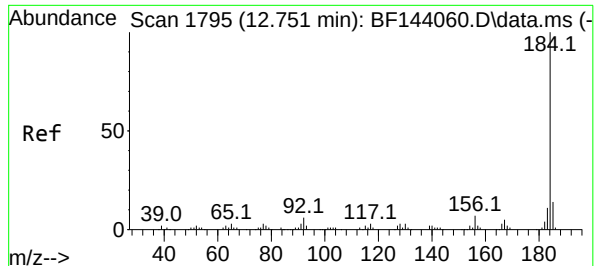
Tgt Ion:	202	Resp:	462087
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.7
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:	240	Resp:	106050
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.5	9.7
236	26.7	20.1	30.1

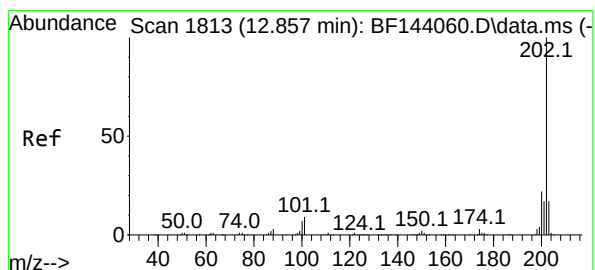
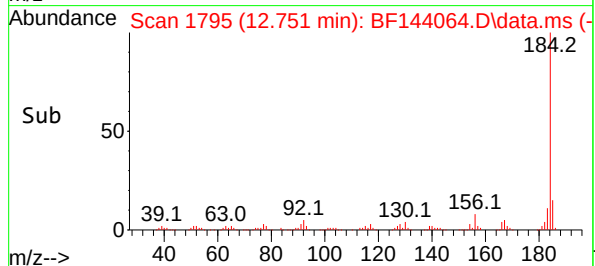
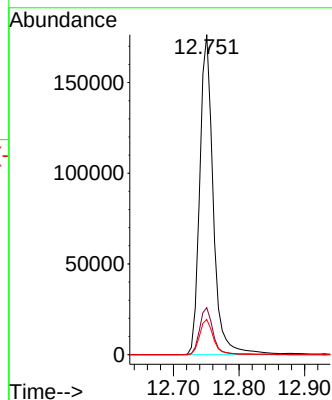
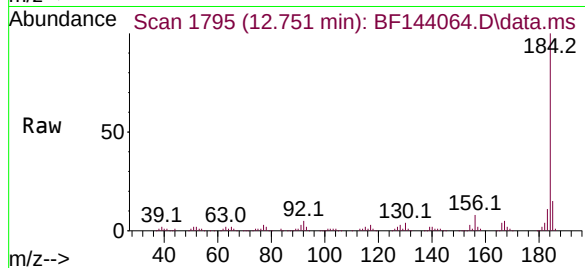




#77
Benzidine
Concen: 75.863 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

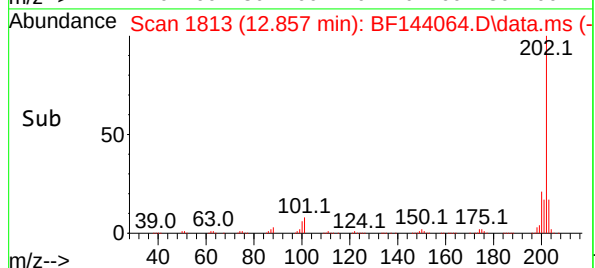
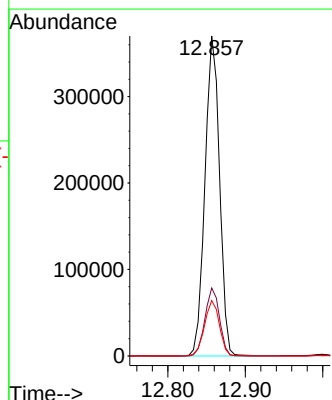
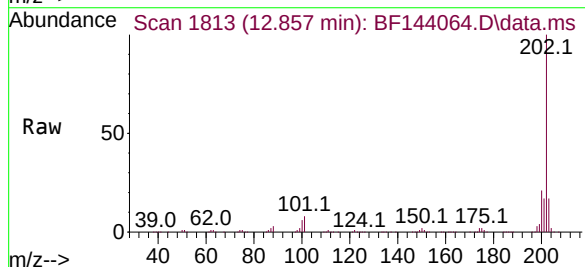
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

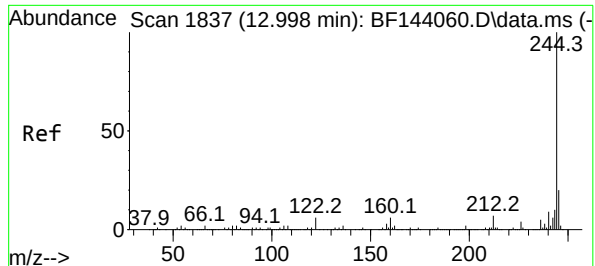
Tgt Ion:184 Resp: 250383
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.0 8.5 12.7



#78
Pyrene
Concen: 63.369 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:202 Resp: 483140
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 130.186 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF144064.D

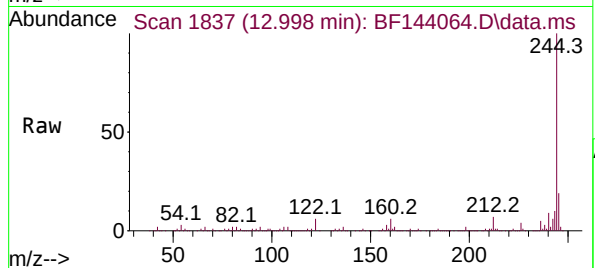
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



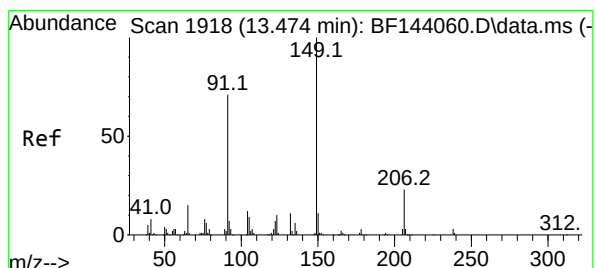
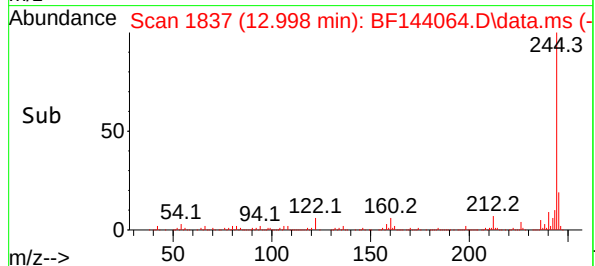
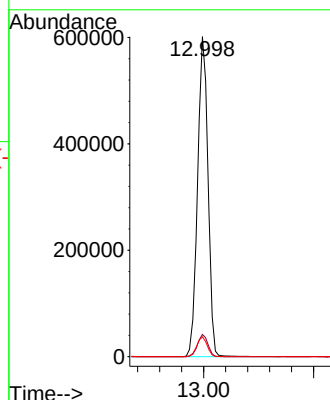
Tgt Ion:244 Resp: 789728

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.2 4.9 7.3



#80

Butylbenzylphthalate

Concen: 65.668 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

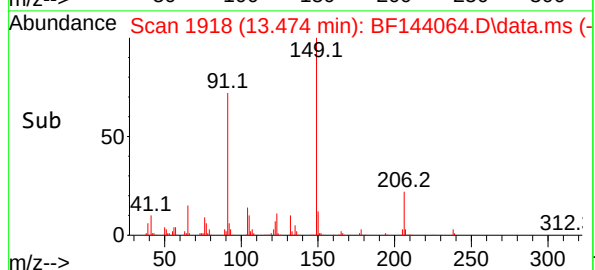
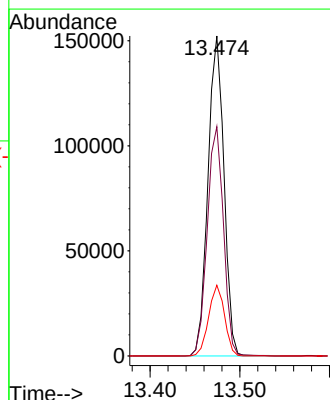
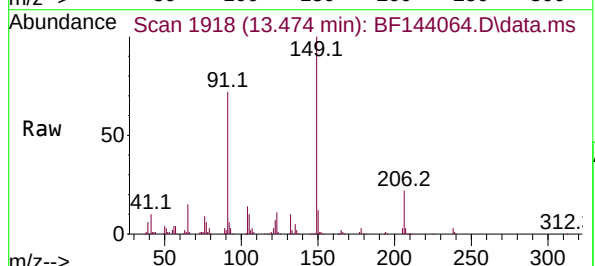
Tgt Ion:149 Resp: 189412

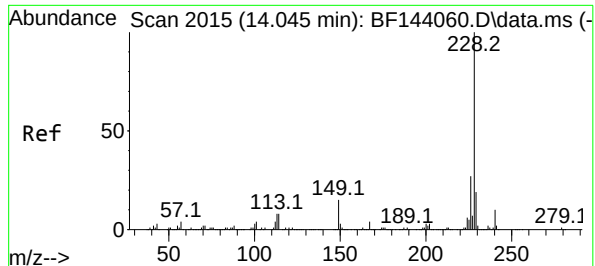
Ion Ratio Lower Upper

149 100

91 71.6 56.6 84.8

206 22.1 18.3 27.5





#81

Benzo(a)anthracene

Concen: 66.219 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

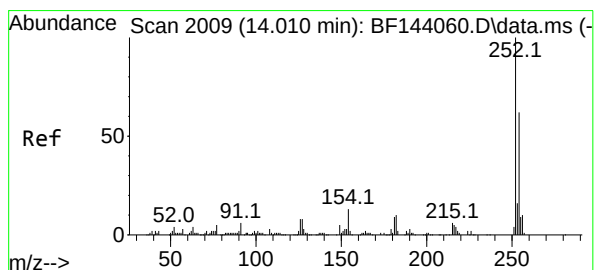
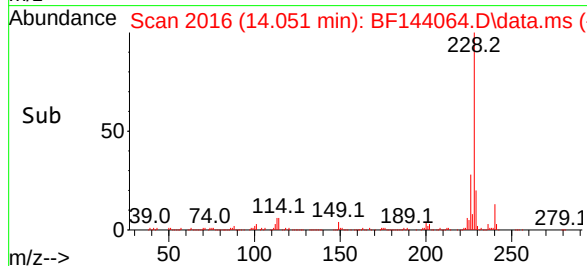
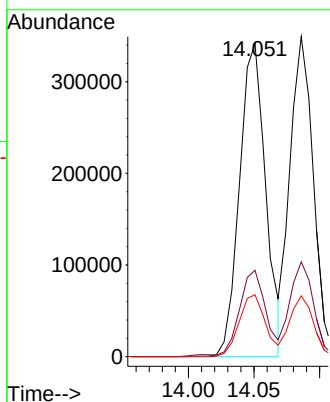
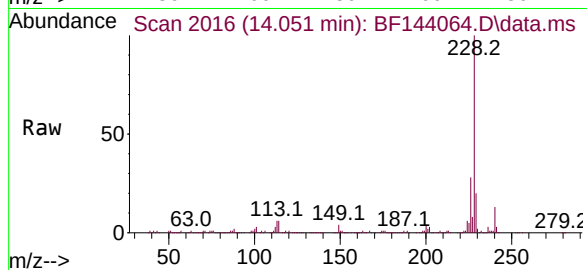
Tgt Ion:228 Resp: 474589

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

229 19.7 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 67.487 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

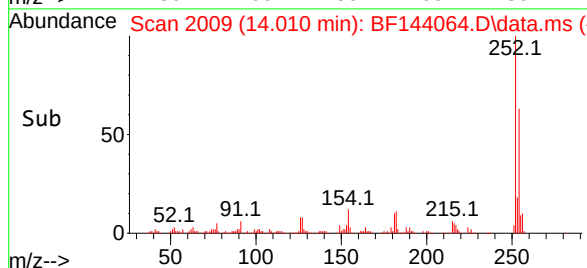
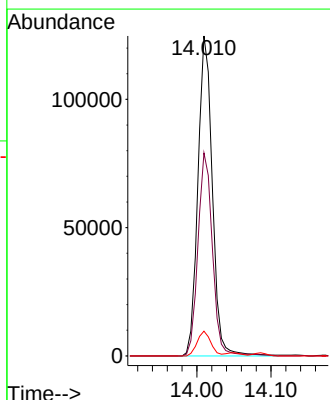
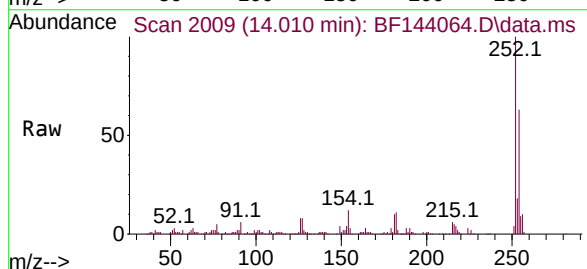
Tgt Ion:252 Resp: 168368

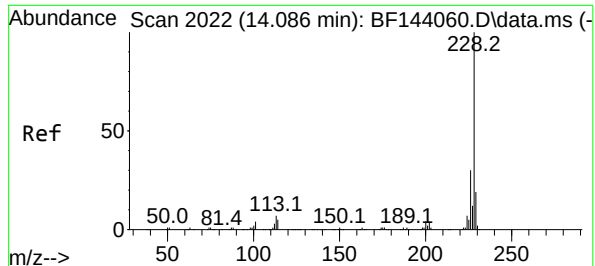
Ion Ratio Lower Upper

252 100

254 63.4 49.9 74.9

126 7.7 6.5 9.7





#83

Chrysene

Concen: 64.608 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

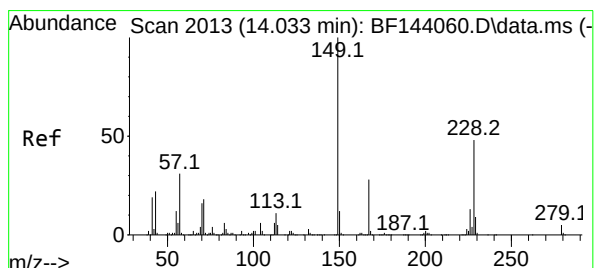
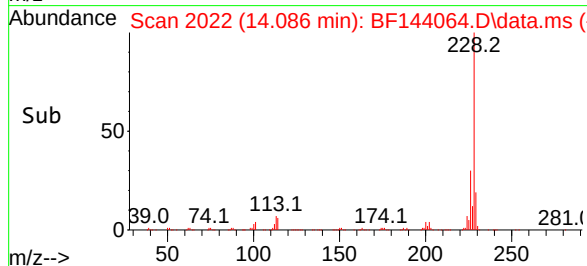
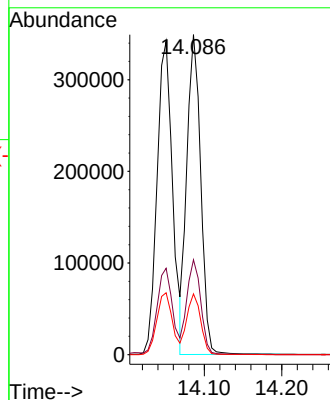
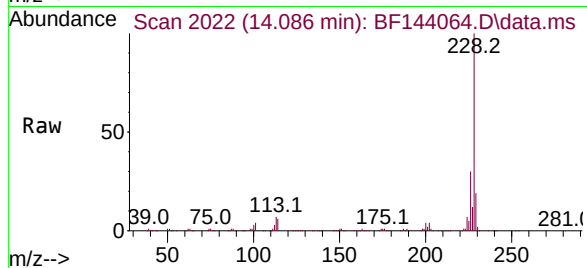
Tgt Ion:228 Resp: 434514

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.663 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

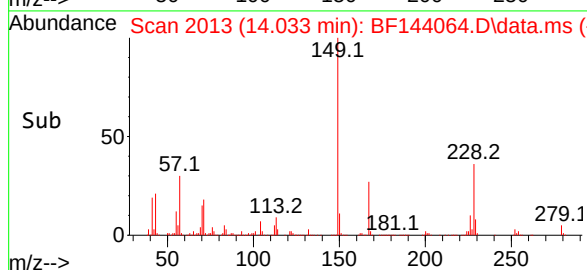
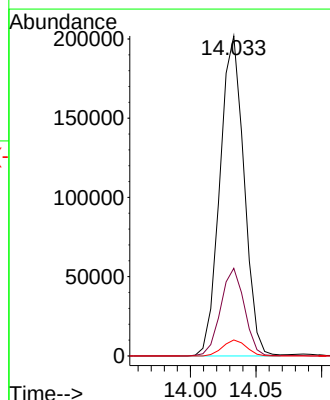
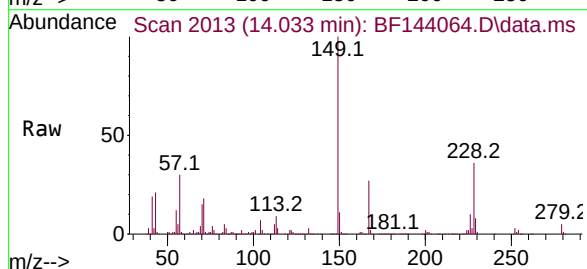
Tgt Ion:149 Resp: 258560

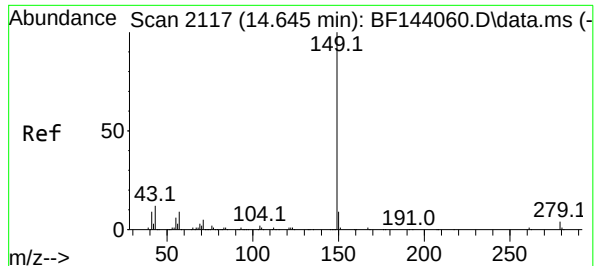
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 5.0 3.6 5.4

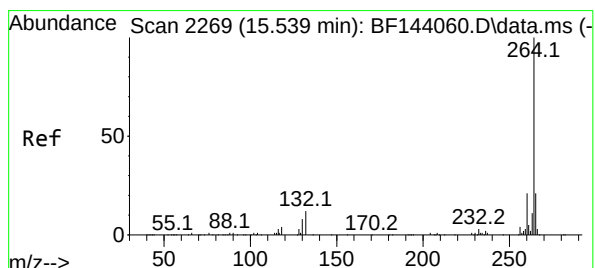
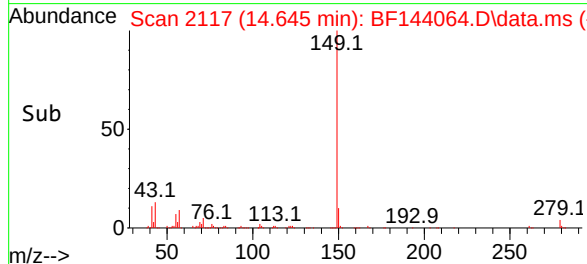
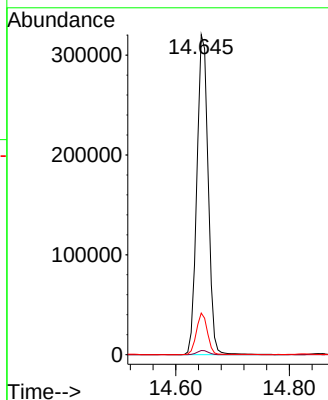
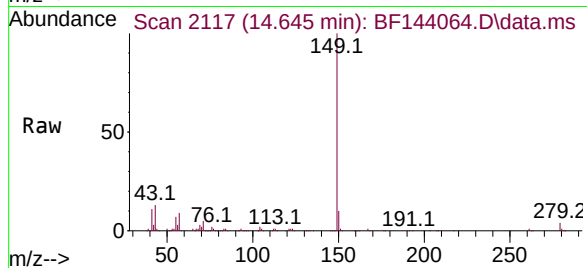




#85
Di-n-octyl phthalate
Concen: 64.942 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

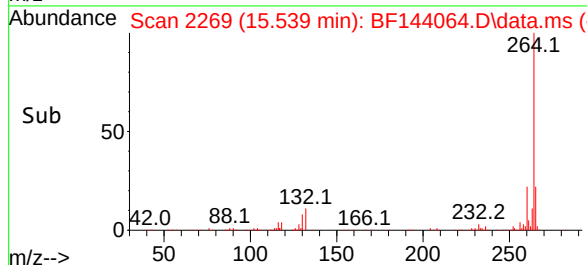
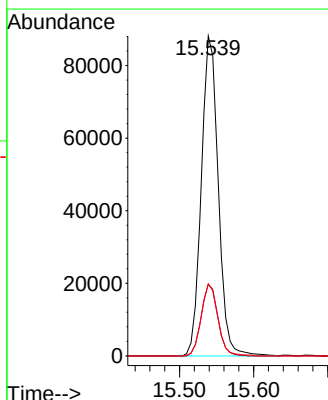
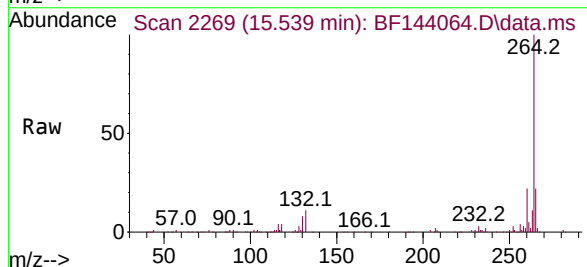
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

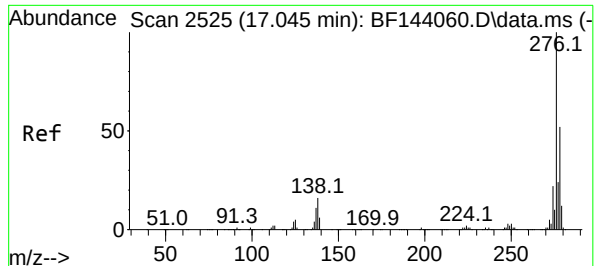
Tgt Ion:149 Resp: 439771
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.7 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:264 Resp: 140075
Ion Ratio Lower Upper
264 100
260 22.4 17.0 25.4
265 22.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.606 ng

RT: 17.056 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

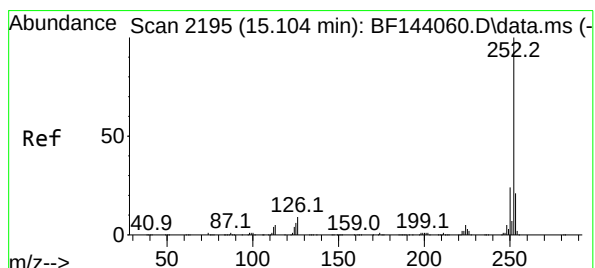
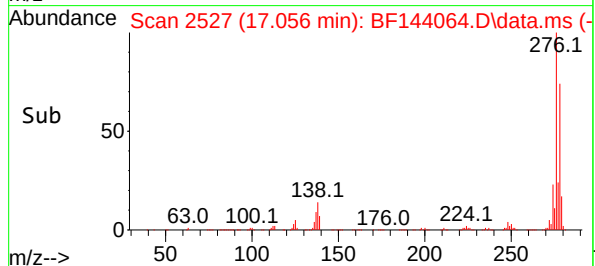
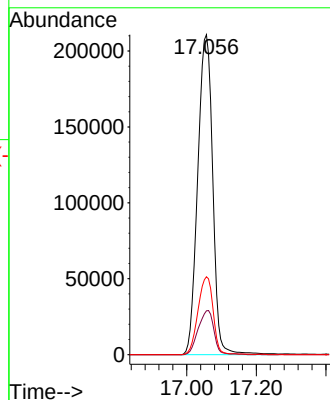
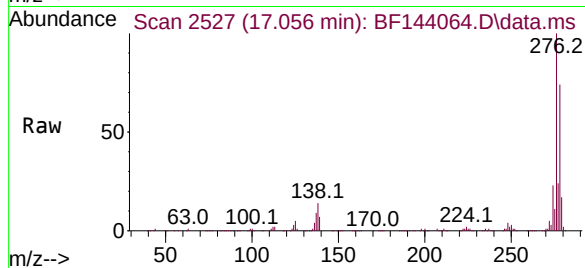
Tgt Ion:276 Resp: 630927

Ion Ratio Lower Upper

276 100

138 14.2 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 61.071 ng

RT: 15.109 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

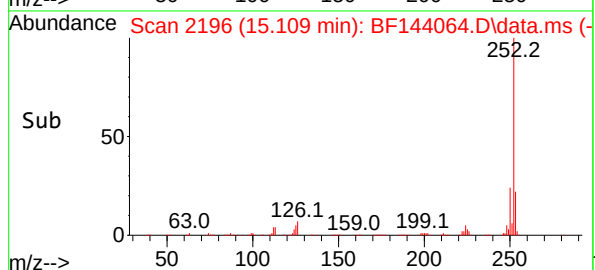
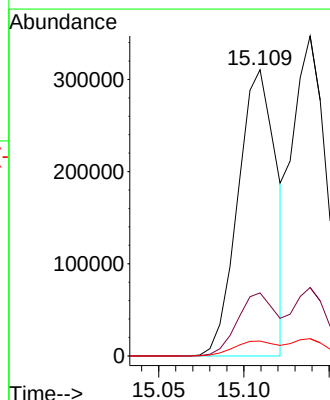
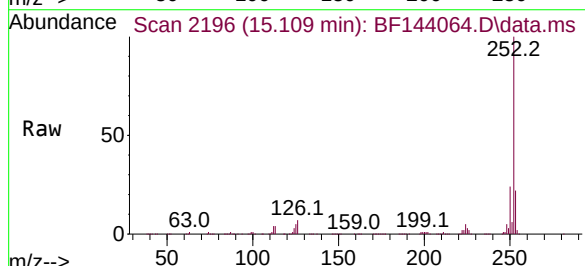
Tgt Ion:252 Resp: 483612

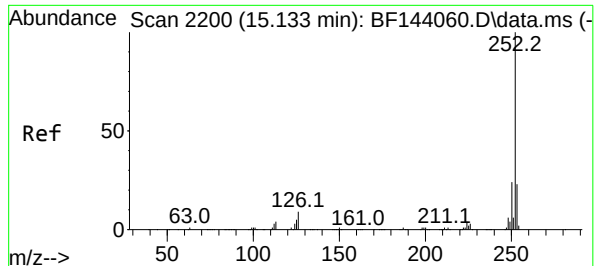
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 5.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 66.551 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

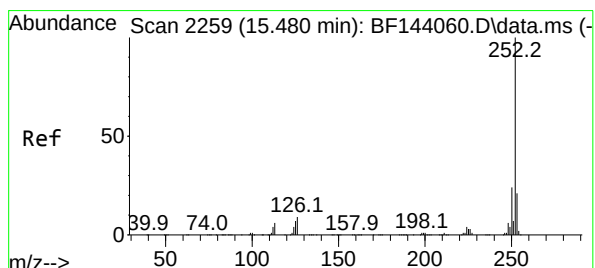
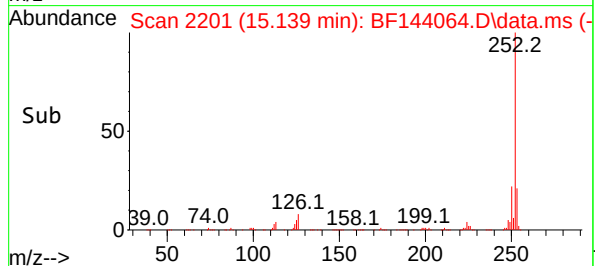
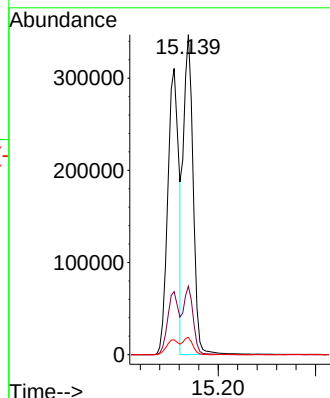
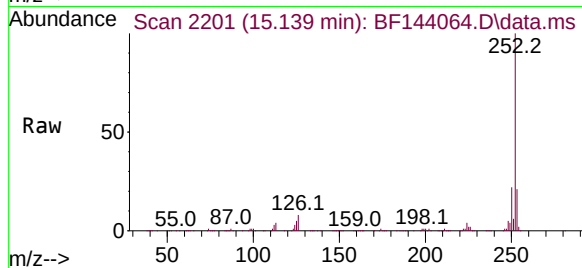
Tgt Ion:252 Resp: 486238

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 5.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 64.222 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

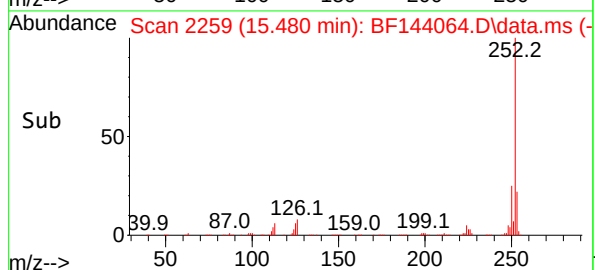
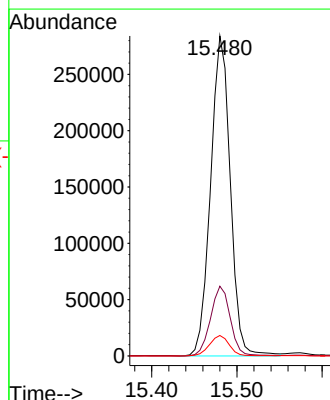
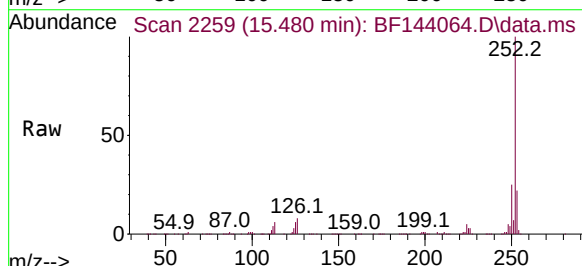
Tgt Ion:252 Resp: 456250

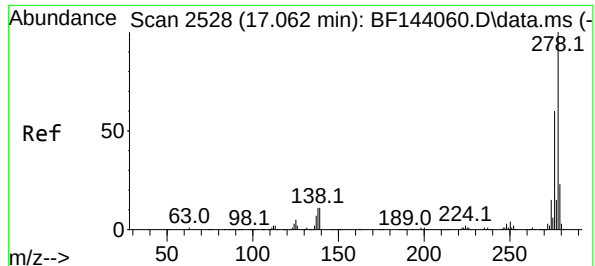
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 65.994 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

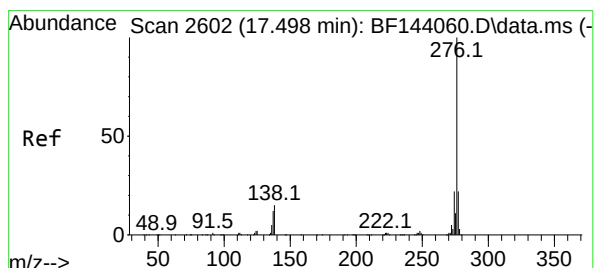
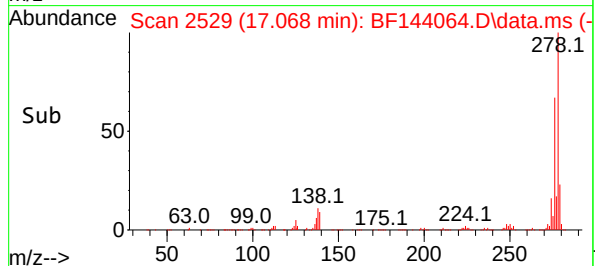
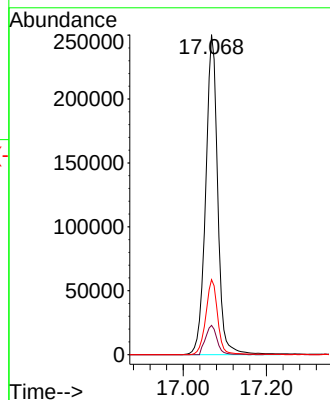
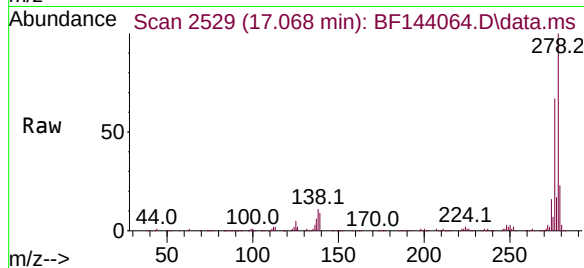
Tgt Ion:278 Resp: 502376

Ion Ratio Lower Upper

278 100

139 9.1 8.5 12.7

279 23.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 65.439 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

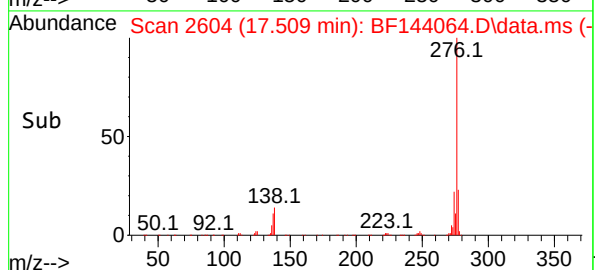
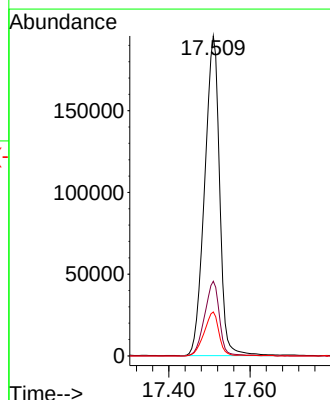
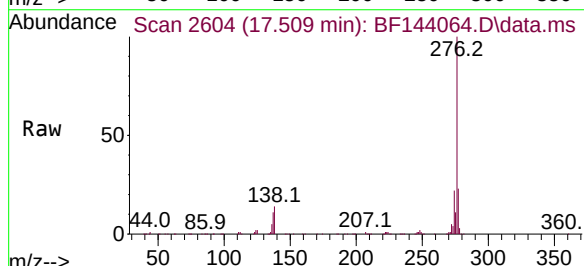
Tgt Ion:276 Resp: 500846

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 13.7 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	39660	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	138565	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	76145	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	127305	20.000	ng	0.00
76) Chrysene-d12	14.057	240	97298	20.000	ng	0.00
86) Perylene-d12	15.539	264	122912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	176184	70.283	ng	0.00
7) Phenol-d6	6.504	99	190899	68.955	ng	0.00
23) Nitrobenzene-d5	7.440	82	178800	70.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	66490	68.551	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	366420	67.717	ng	0.00
79) Terphenyl-d14	12.998	244	409300	73.542	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	38586	35.621	ng	94
3) Pyridine	3.405	79	94470	32.576	ng	96
4) n-Nitrosodimethylamine	3.346	42	65742	36.893	ng	93
6) Aniline	6.540	93	143853	36.320	ng	98
8) 2-Chlorophenol	6.663	128	82897	33.579	ng	98
9) Benzaldehyde	6.434	77	74914	34.852	ng	98
10) Phenol	6.516	94	119040	34.853	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	83544	33.851	ng	98
12) 1,3-Dichlorobenzene	6.822	146	112585	36.971	ng	99
13) 1,4-Dichlorobenzene	6.898	146	111592	37.183	ng	99
14) 1,2-Dichlorobenzene	7.051	146	104166	35.872	ng	99
15) Benzyl Alcohol	7.016	79	81782	36.330	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	160104	34.517	ng	100
17) 2-Methylphenol	7.128	107	66743	35.152	ng	96
18) Hexachloroethane	7.392	117	37228	34.696	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	62662	35.002	ng	99
20) 3+4-Methylphenols	7.281	107	81018	36.095	ng	92
22) Acetophenone	7.287	105	115151	38.453	ng	97
24) Nitrobenzene	7.457	77	98332	36.753	ng	97
25) Isophorone	7.698	82	160608	36.322	ng	100
26) 2-Nitrophenol	7.775	139	46278	36.360	ng	95
27) 2,4-Dimethylphenol	7.810	122	74530	39.405	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	97014	35.182	ng	97
29) 2,4-Dichlorophenol	8.016	162	78967	35.901	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	87660	38.739	ng	99
31) Naphthalene	8.181	128	234353	35.834	ng	99
32) Benzoic acid	7.922	122	52854	44.054	ng	88
33) 4-Chloroaniline	8.234	127	94319	41.428	ng	99
34) Hexachlorobutadiene	8.298	225	70793	38.260	ng	97
35) Caprolactam	8.587	113	19488	35.331	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	70096	36.112	ng	94
37) 2-Methylnaphthalene	8.875	142	143296	33.233	ng	94
38) 1-Methylnaphthalene	8.975	142	146838	35.945	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	91910	35.121	ng	99
41) Hexachlorocyclopentadiene	9.028	237	39270	48.585	ng	94
43) 2,4,6-Trichlorophenol	9.151	196	57810	33.986	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

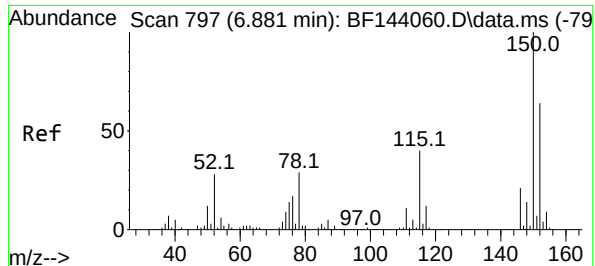
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	64300	36.018	ng	94
46) 1,1'-Biphenyl	9.339	154	192660	35.345	ng	99
47) 2-Chloronaphthalene	9.363	162	159410	34.908	ng	99
48) 2-Nitroaniline	9.457	65	49659	36.621	ng	95
49) Acenaphthylene	9.781	152	243055	39.474	ng	99
50) Dimethylphthalate	9.634	163	170189	34.098	ng	99
51) 2,6-Dinitrotoluene	9.698	165	34990	35.461	ng	96
52) Acenaphthene	9.951	154	144520	35.145	ng	99
53) 3-Nitroaniline	9.869	138	39278	35.804	ng	98
54) 2,4-Dinitrophenol	9.981	184	21935	41.102	ng	94
55) Dibenzofuran	10.122	168	194900	34.140	ng	98
56) 4-Nitrophenol	10.028	139	28418	38.254	ng	95
57) 2,4-Dinitrotoluene	10.104	165	49275	37.002	ng	96
58) Fluorene	10.469	166	151653	34.864	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49354	39.232	ng #	96
60) Diethylphthalate	10.333	149	166357	35.442	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	86789	35.479	ng	99
62) 4-Nitroaniline	10.481	138	35087	33.756	ng	90
63) Azobenzene	10.616	77	161807	36.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	30929	37.867	ng	97
66) n-Nitrosodiphenylamine	10.575	169	146733	36.075	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	56286	35.313	ng	96
68) Hexachlorobenzene	11.016	284	70184	35.903	ng	98
69) Atrazine	11.104	200	48908	36.643	ng	99
70) Pentachlorophenol	11.216	266	30927	33.237	ng	95
71) Phenanthrene	11.433	178	228423	36.120	ng	98
72) Anthracene	11.486	178	233757	35.782	ng	99
73) Carbazole	11.639	167	196006	35.250	ng	98
74) Di-n-butylphthalate	11.969	149	245199	35.967	ng	100
75) Fluoranthene	12.622	202	244043	34.929	ng	99
77) Benzidine	12.745	184	146518	48.386	ng	99
78) Pyrene	12.857	202	246902	35.297	ng	100
80) Butylbenzylphthalate	13.469	149	94583	35.741	ng	98
81) Benzo(a)anthracene	14.045	228	234218	35.620	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	97608	42.643	ng	99
83) Chrysene	14.080	228	224422	36.371	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	130456	36.110	ng	98
85) Di-n-octyl phthalate	14.645	149	218335	35.142	ng #	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	302575	35.856	ng	100
88) Benzo(b)fluoranthene	15.104	252	234274	33.715	ng	99
89) Benzo(k)fluoranthene	15.133	252	240517	37.516	ng	99
90) Benzo(a)pyrene	15.474	252	229237	36.773	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	240551	36.012	ng	98
92) Benzo(g,h,i)perylene	17.492	276	248094	36.942	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

- 1
- 2
- 3
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- 16
- 17

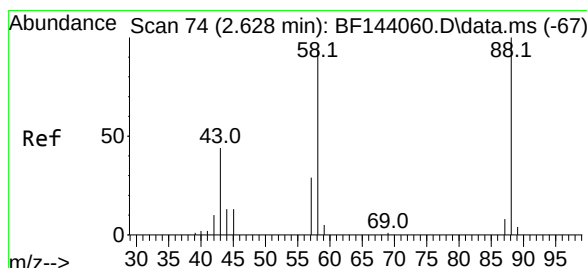
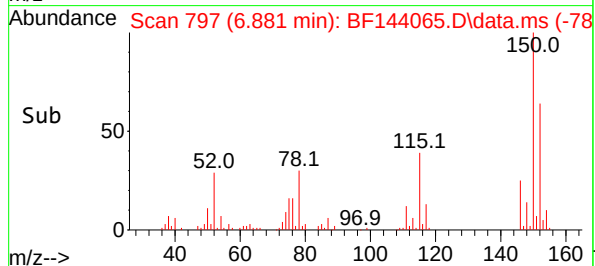
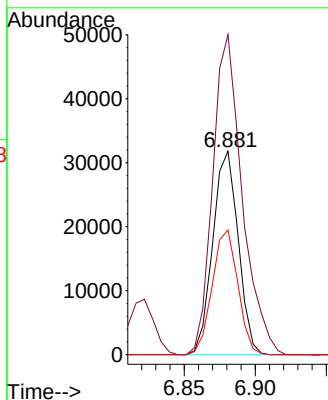
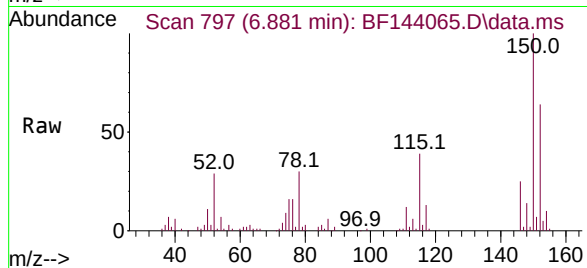




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

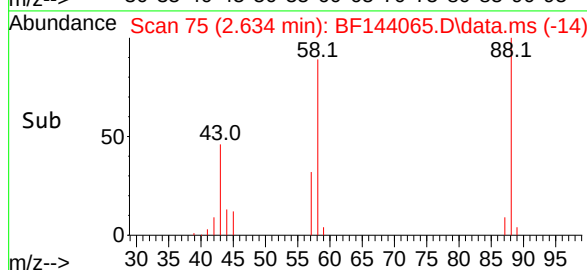
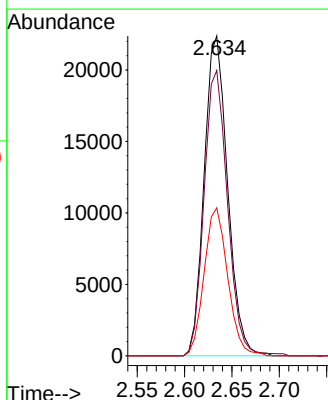
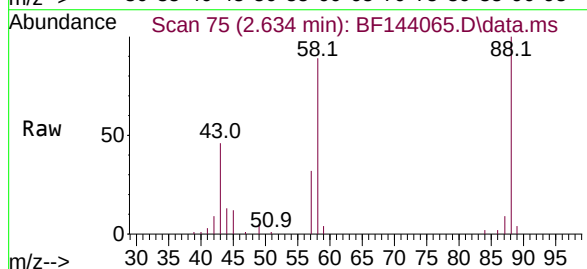
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BNA_F
ClientSampleId :
ICVBF102425

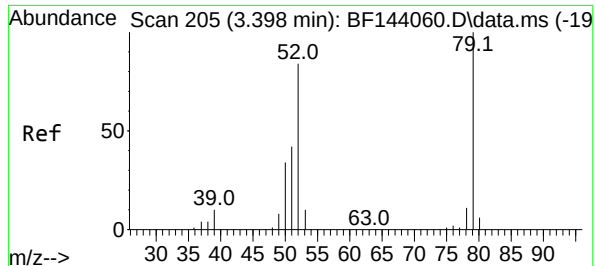
Tgt Ion:152 Resp: 39660
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 61.2 49.4 74.0



#2
1,4-Dioxane
Concen: 35.621 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 88 Resp: 38586
Ion Ratio Lower Upper
88 100
58 89.3 76.5 114.7
43 46.7 35.3 52.9

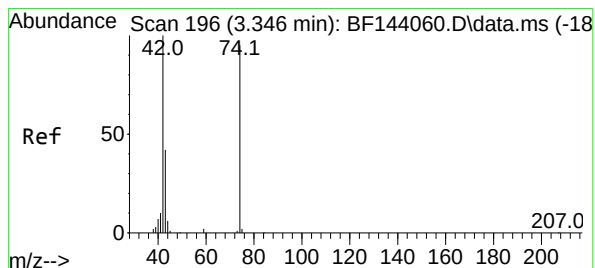
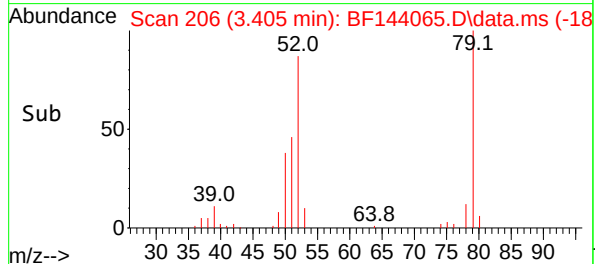
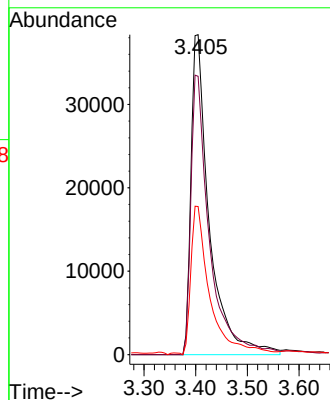
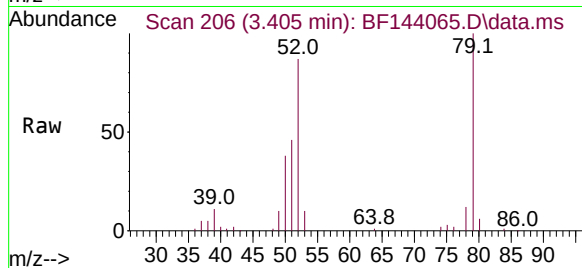




#3
Pyridine
Concen: 32.576 ng
RT: 3.405 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

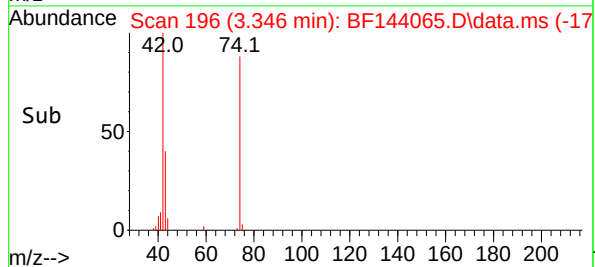
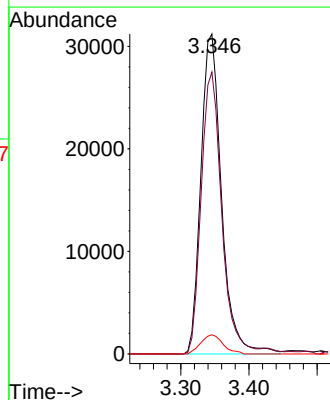
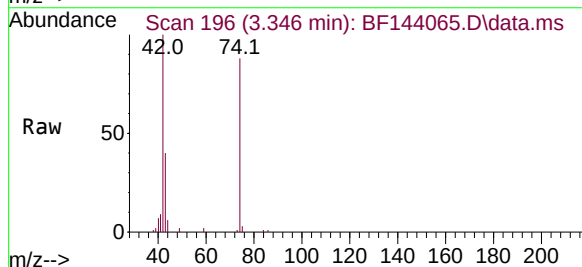
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

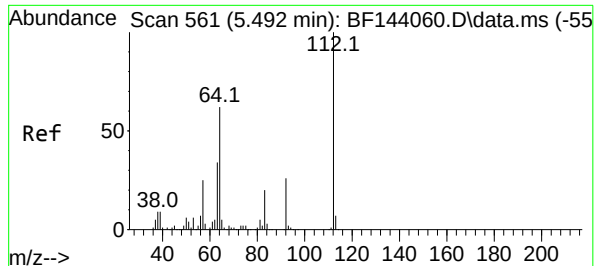
Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.0	67.5	101.3
51	46.3	33.6	50.4



#4
n-Nitrosodimethylamine
Concen: 36.893 ng
RT: 3.346 min Scan# 196
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	88.1	76.4	114.6
44	6.0	5.2	7.8

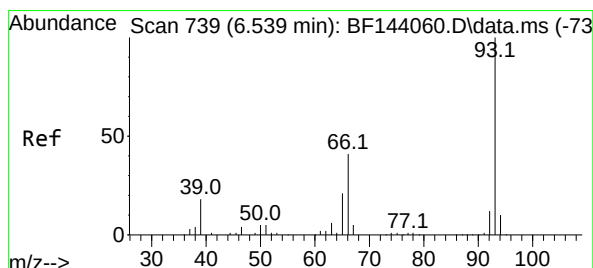
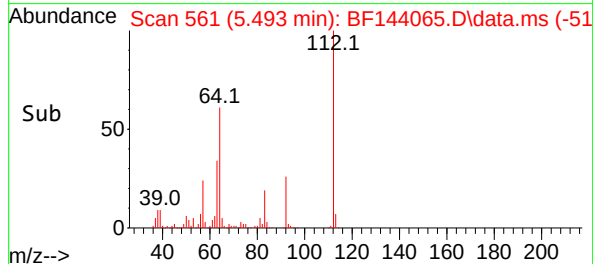
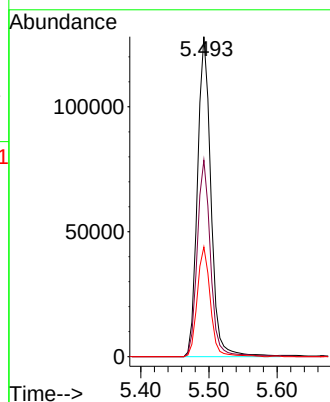
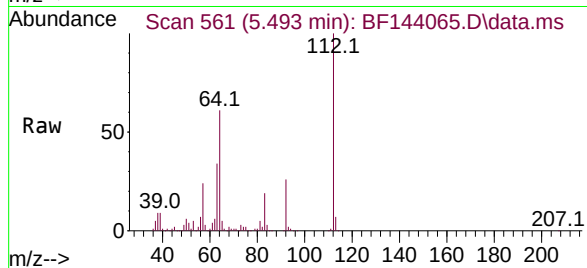




#5
2-Fluorophenol
Concen: 70.283 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

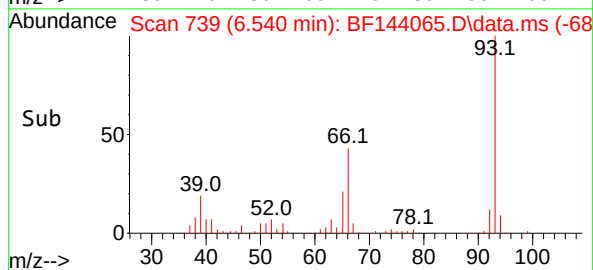
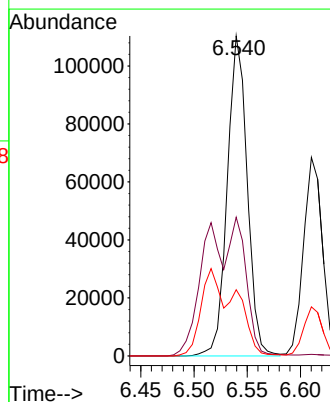
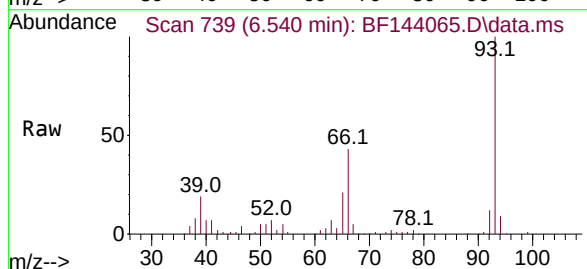
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BNA_F
ClientSampleId :
ICVBF102425

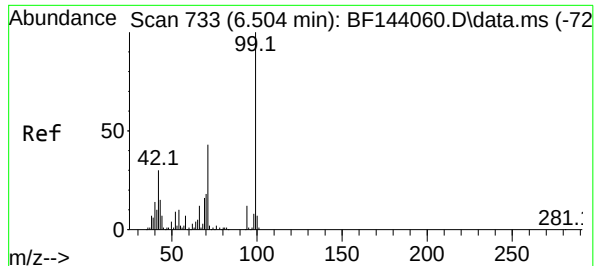
Tgt Ion:112 Resp: 176184
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 36.320 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 93 Resp: 143853
Ion Ratio Lower Upper
93 100
66 43.3 35.7 53.5
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 68.955 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

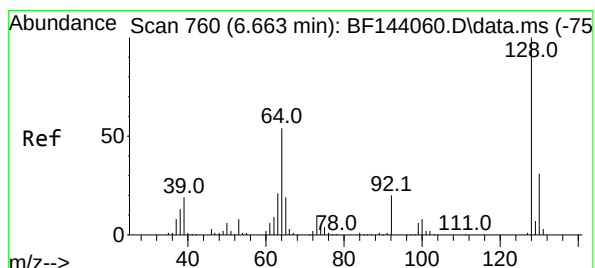
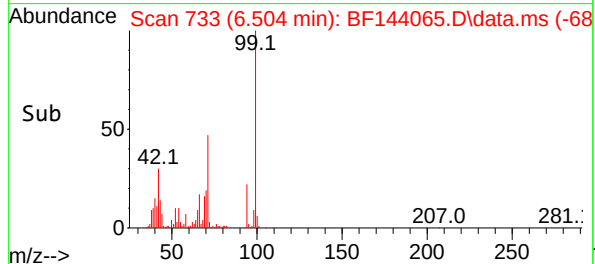
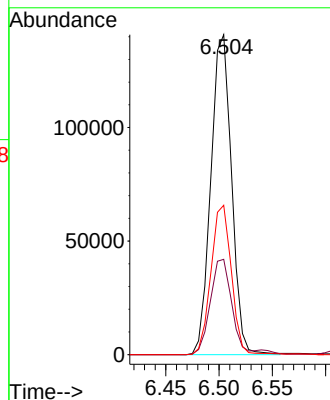
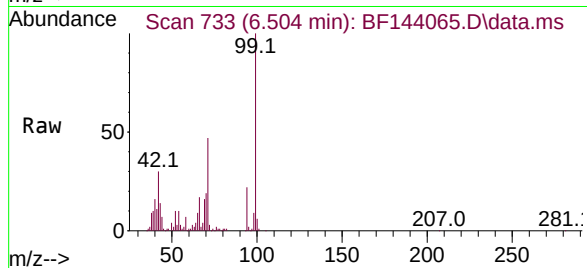
Tgt Ion: 99 Resp: 190899

Ion Ratio Lower Upper

99 100

42 29.8 23.9 35.9

71 46.7 34.4 51.6



#8

2-Chlorophenol

Concen: 33.579 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

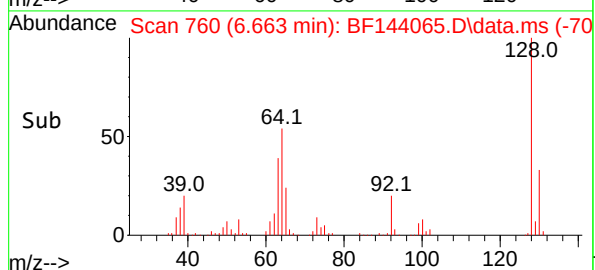
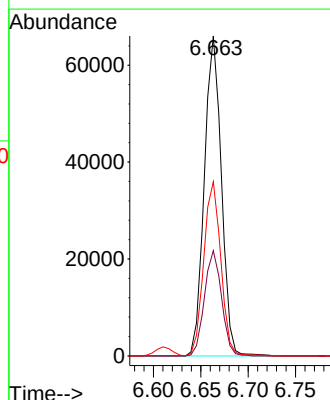
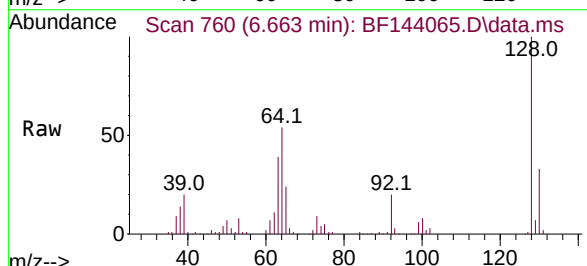
Tgt Ion: 128 Resp: 82897

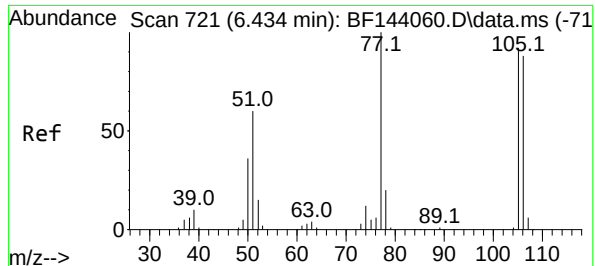
Ion Ratio Lower Upper

128 100

130 32.9 10.7 50.7

64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 34.852 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

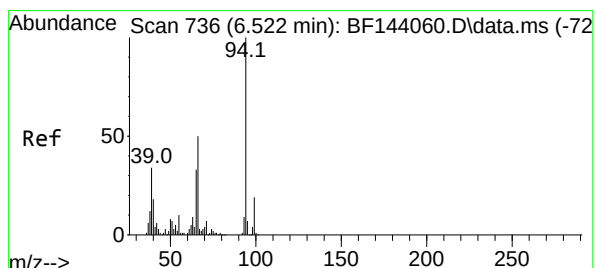
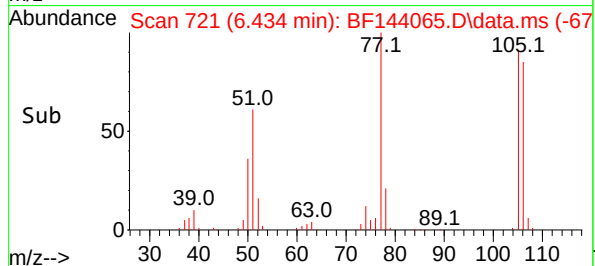
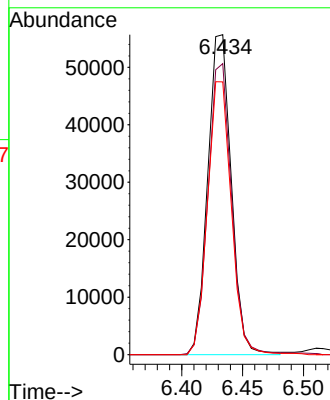
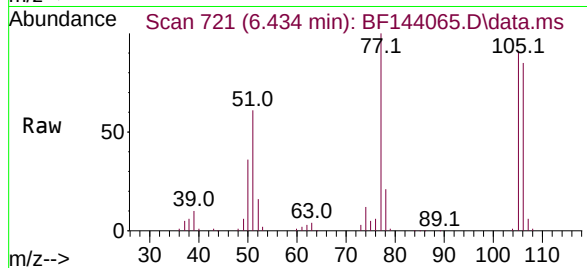
Tgt Ion: 77 Resp: 74914

Ion Ratio Lower Upper

77 100

105 90.9 72.2 112.2

106 85.3 67.9 107.9



#10

Phenol

Concen: 34.853 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

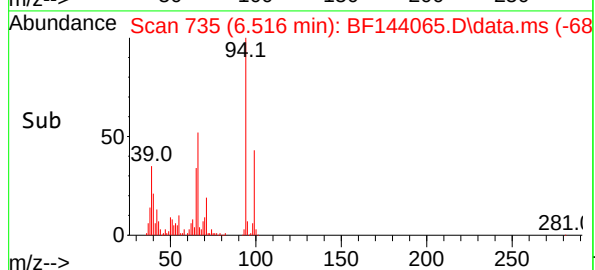
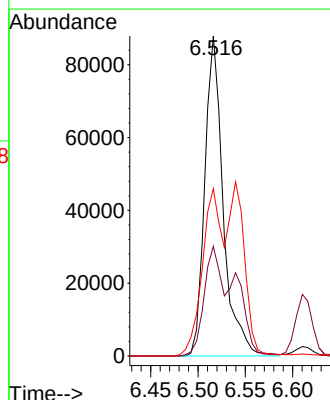
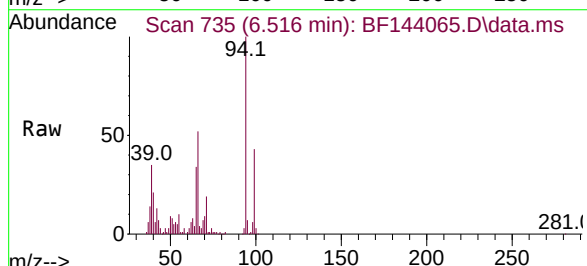
Tgt Ion: 94 Resp: 119040

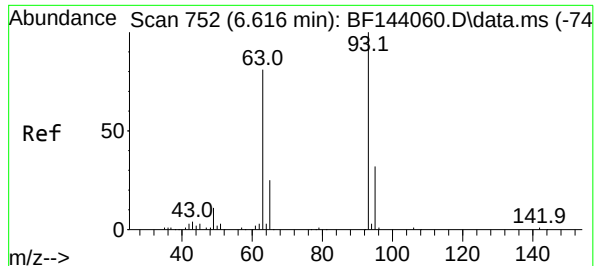
Ion Ratio Lower Upper

94 100

65 34.2 13.1 53.1

66 52.2 30.6 70.6



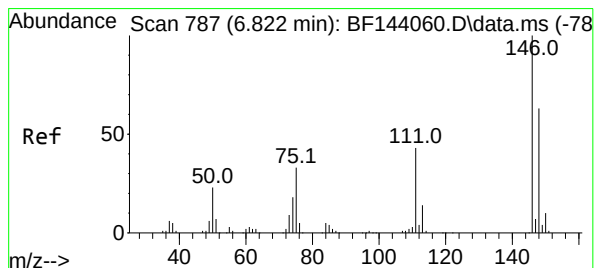
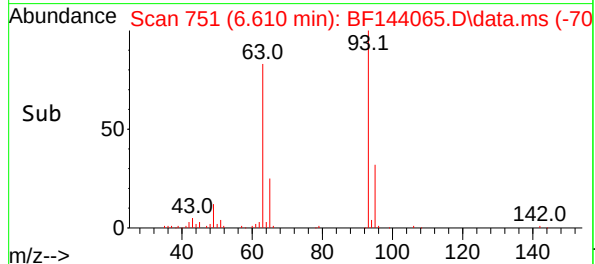
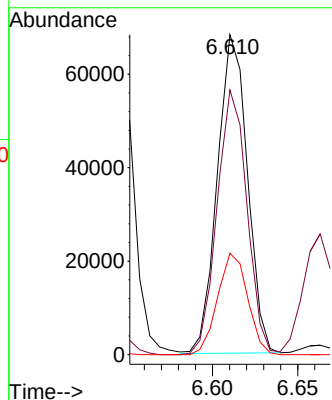
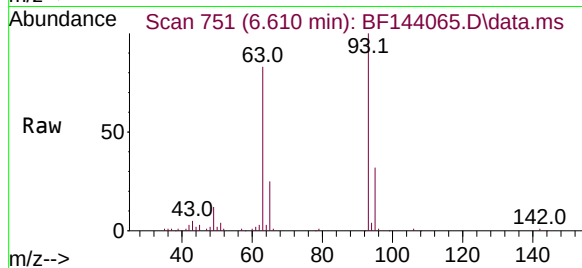


#11
bis(2-Chloroethyl)ether
Concen: 33.851 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion: 93 Resp: 83544

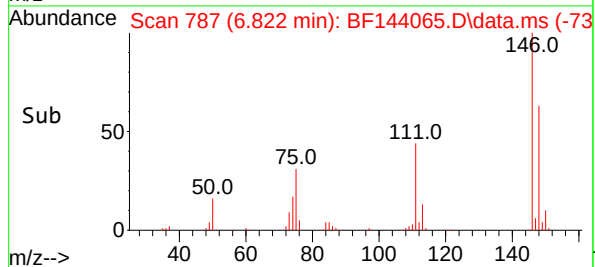
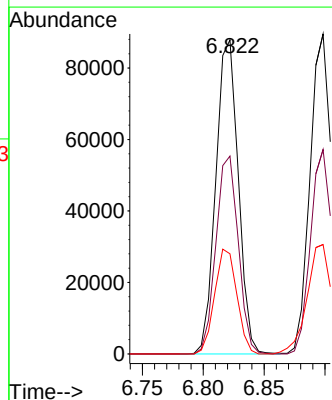
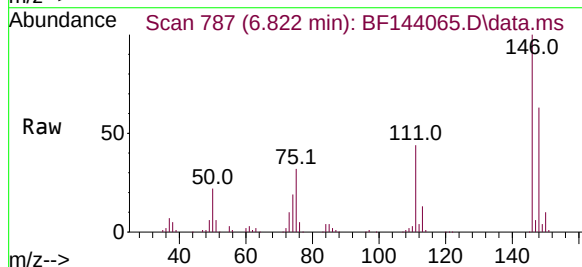
Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.2	100.2
95	31.7	12.4	52.4

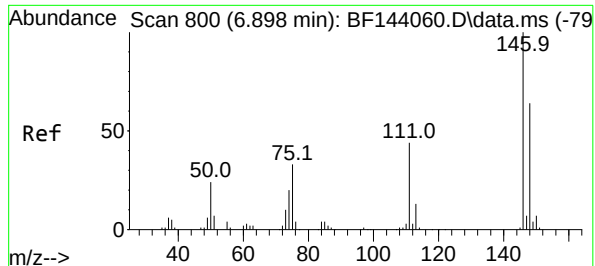


#12
1,3-Dichlorobenzene
Concen: 36.971 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 146 Resp: 112585

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
75	31.9	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 37.183 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

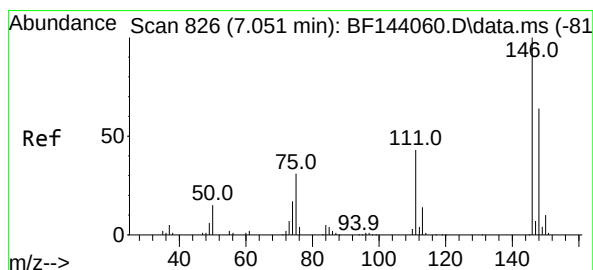
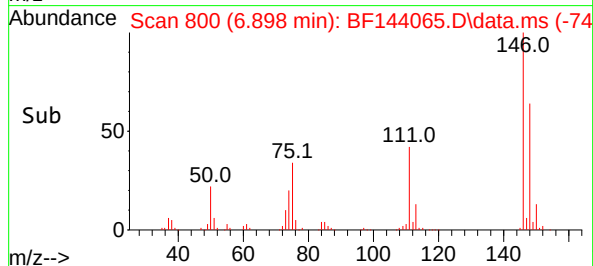
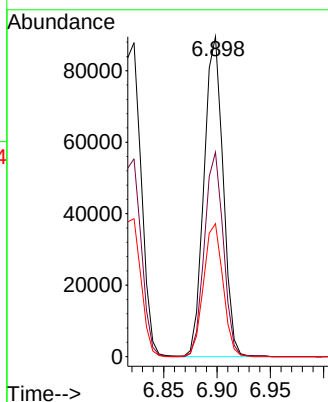
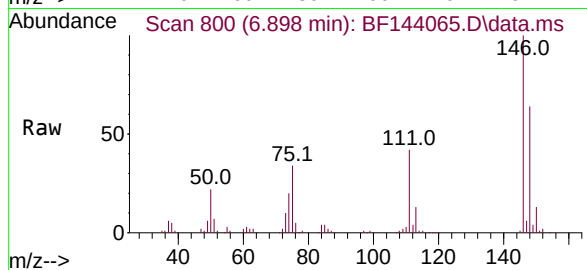
Tgt Ion:146 Resp: 111592

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 41.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 35.872 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

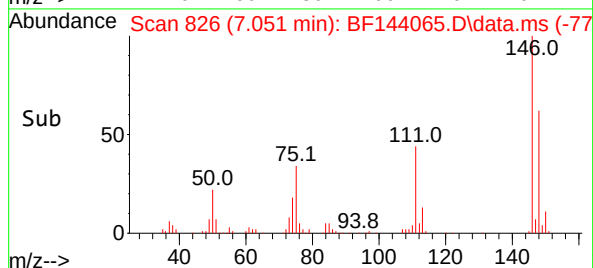
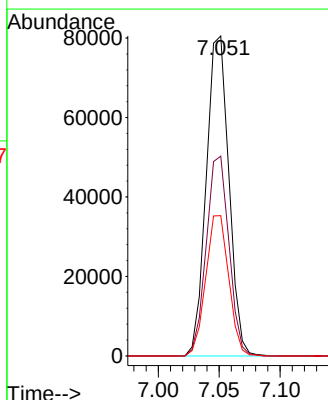
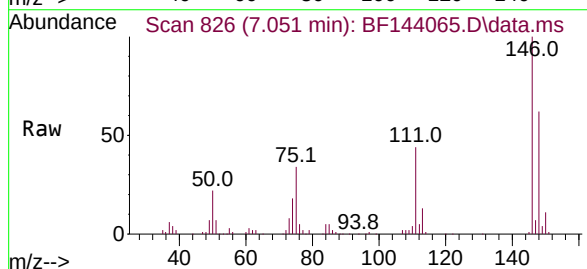
Tgt Ion:146 Resp: 104166

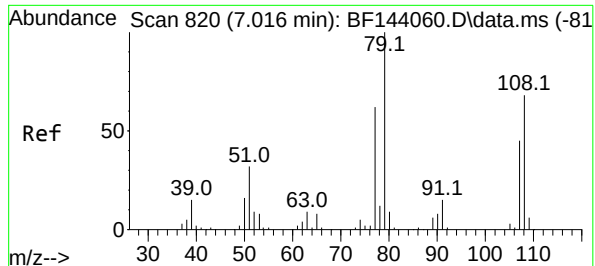
Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

111 43.8 34.7 52.1





#15

Benzyl Alcohol

Concen: 36.330 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

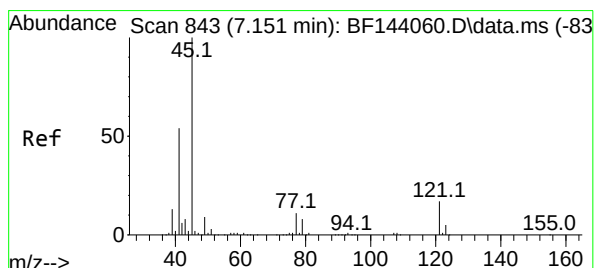
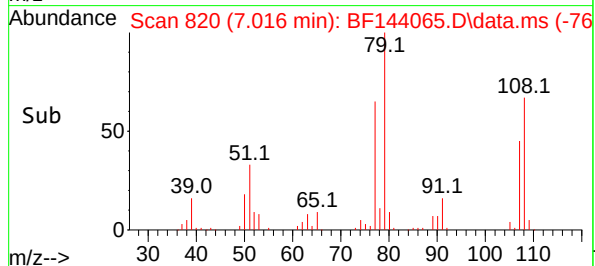
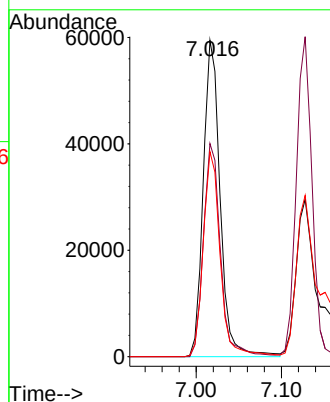
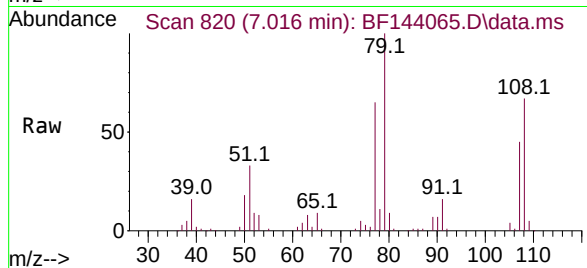
Tgt Ion: 79 Resp: 81782

Ion Ratio Lower Upper

79 100

108 67.4 54.8 82.2

77 64.8 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.517 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

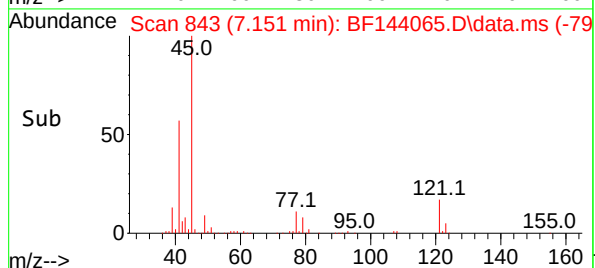
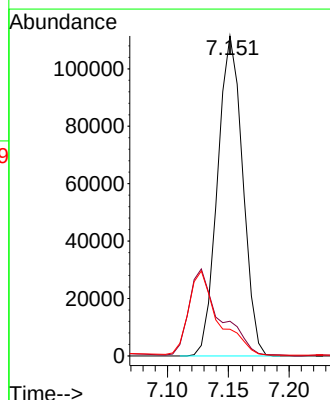
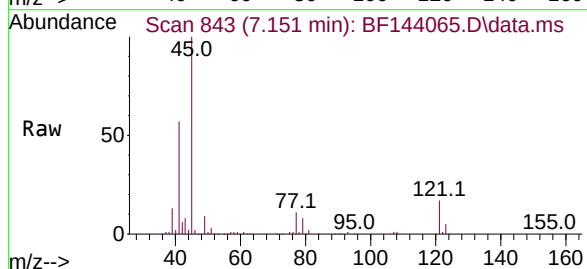
Tgt Ion: 45 Resp: 160104

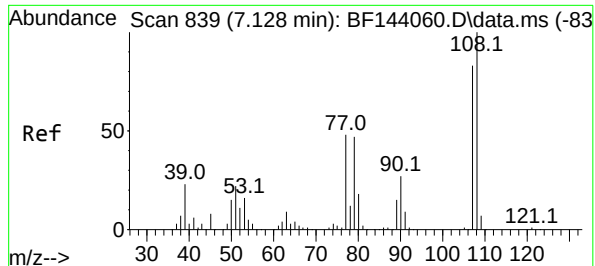
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.9

79 8.3 0.0 28.2

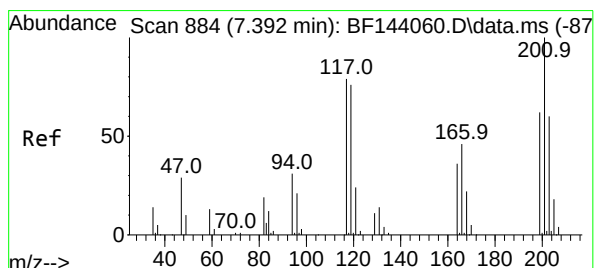
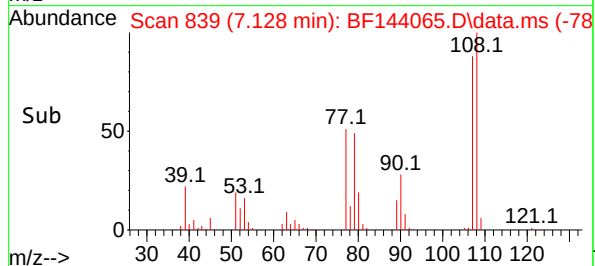
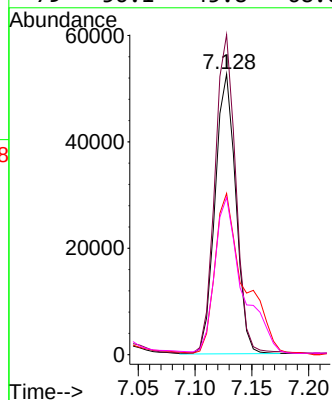
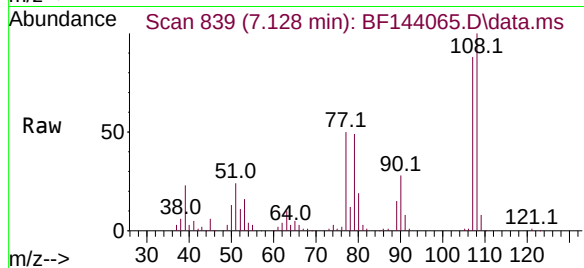




#17
2-Methylphenol
Concen: 35.152 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

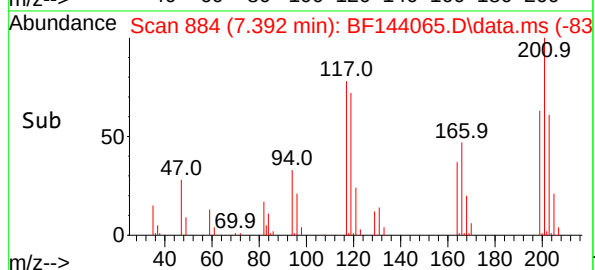
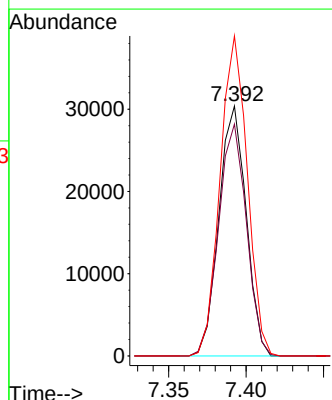
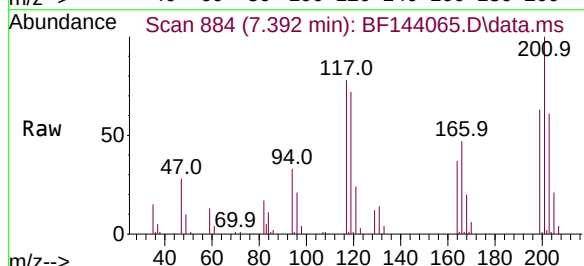
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

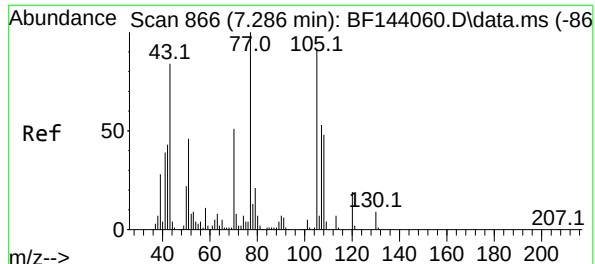
Tgt Ion:	107	Resp:	66743
Ion	Ratio	Lower	Upper
107	100		
108	114.1	96.4	144.6
77	57.5	46.8	70.2
79	56.1	45.8	68.6



#18
Hexachloroethane
Concen: 34.696 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	117	Resp:	37228
Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.6	115.0
201	128.1	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 35.002 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion: 70 Resp: 62662

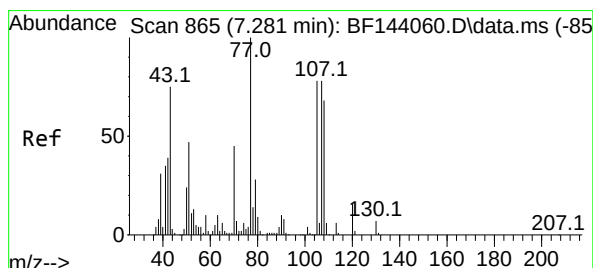
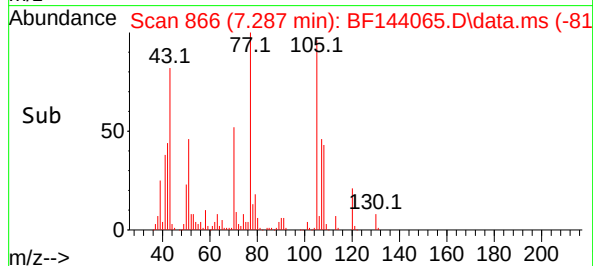
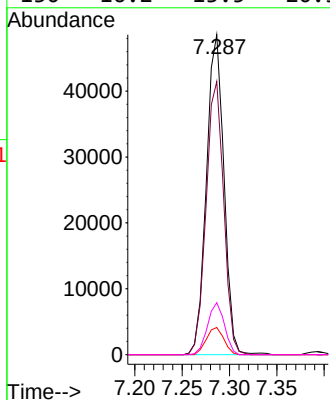
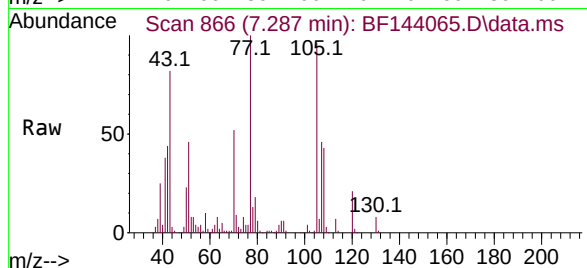
Ion Ratio Lower Upper

70 100

42 85.3 67.4 101.0

101 8.5 7.1 10.7

130 16.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 36.095 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion: 107 Resp: 81018

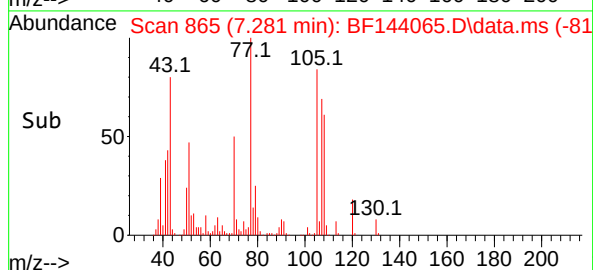
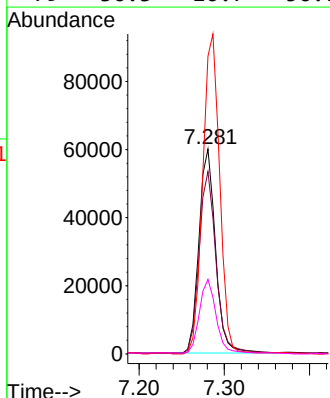
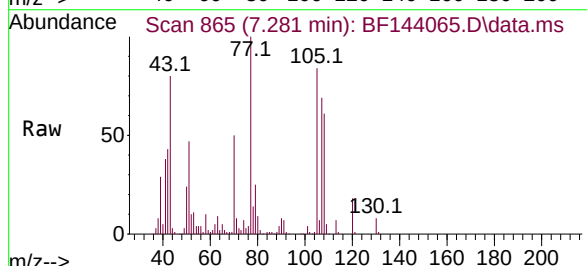
Ion Ratio Lower Upper

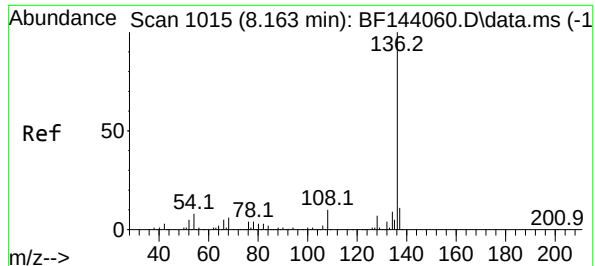
107 100

108 88.9 68.0 108.0

77 145.2 108.7 148.7

79 36.3 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:136 Resp: 138565

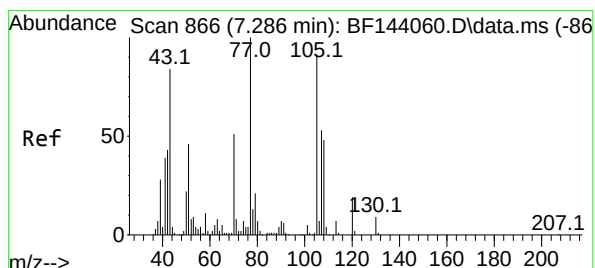
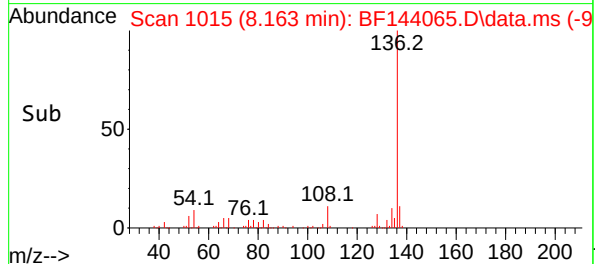
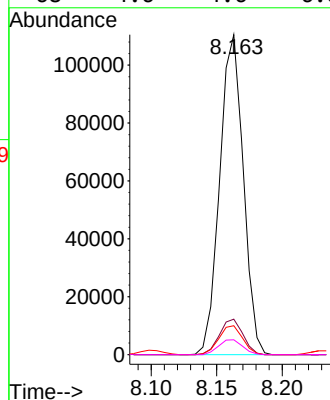
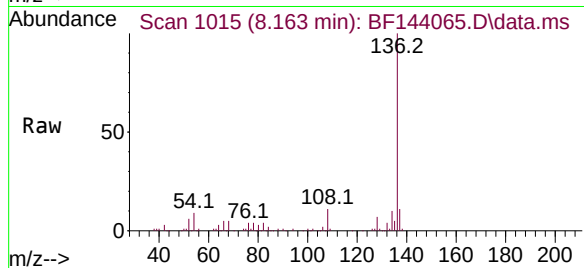
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.0 6.6 9.8

68 4.6 4.6 6.8



#22

Acetophenone

Concen: 38.453 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:105 Resp: 115151

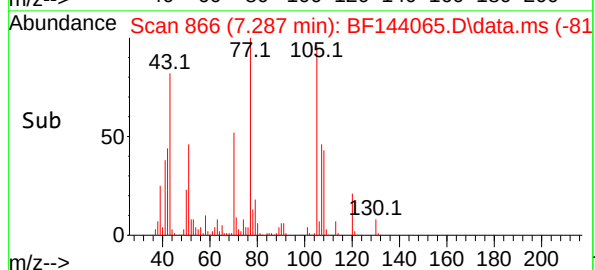
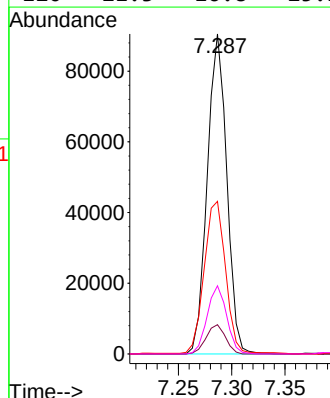
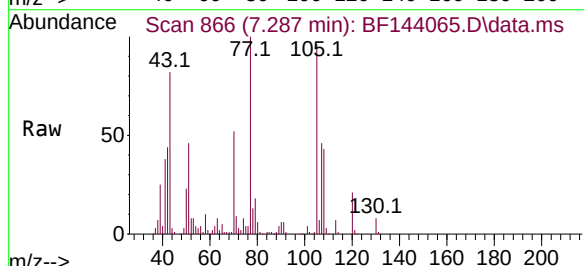
Ion Ratio Lower Upper

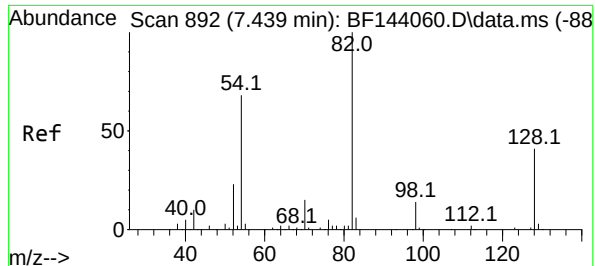
105 100

71 9.1 6.9 10.3

51 47.7 40.6 60.8

120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 70.696 ng

RT: 7.440 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

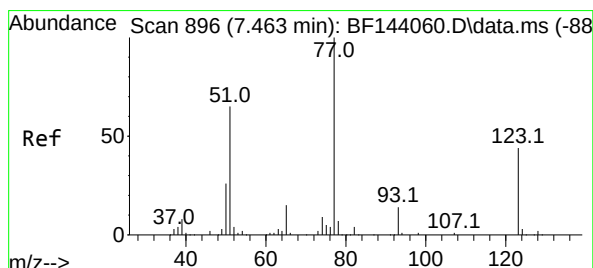
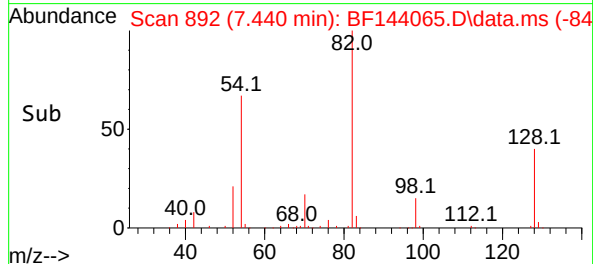
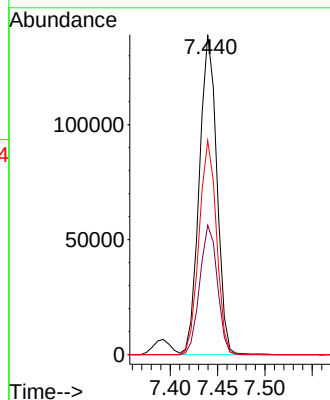
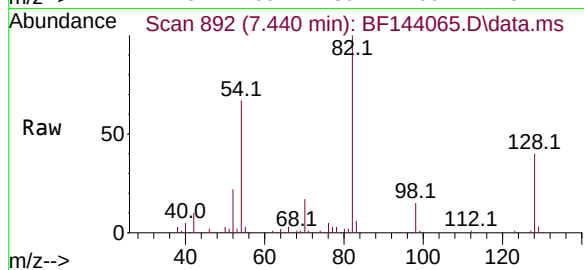
BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion: 82 Resp: 178800

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	66.9	54.0	81.0



#24

Nitrobenzene

Concen: 36.753 ng

RT: 7.457 min Scan# 895

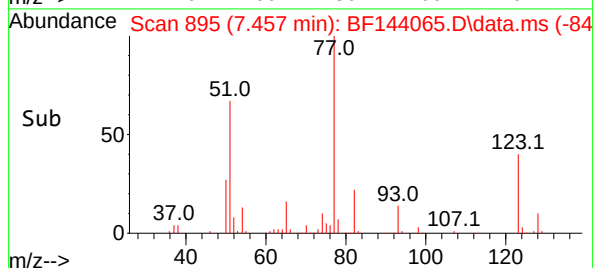
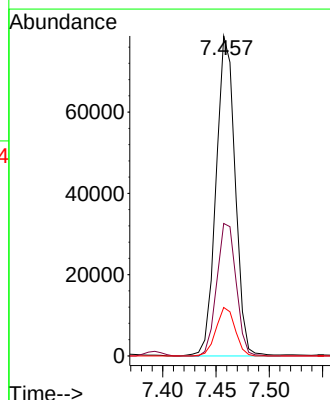
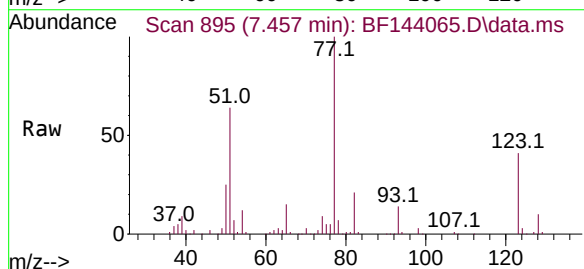
Delta R.T. -0.006 min

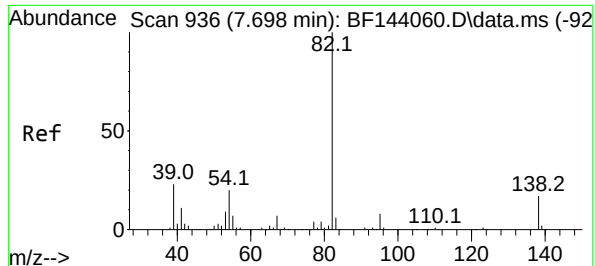
Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion: 77 Resp: 98332

Ion	Ratio	Lower	Upper
77	100		
123	41.4	35.0	52.6
65	15.1	12.2	18.2





#25

Isophorone

Concen: 36.322 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

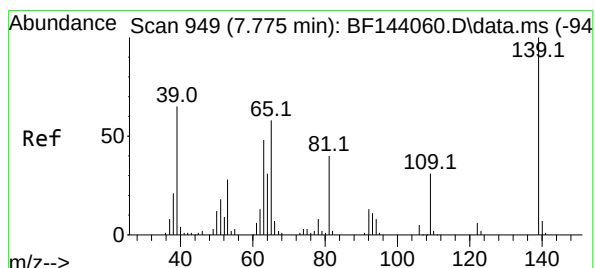
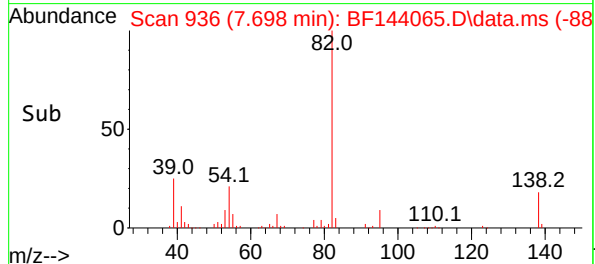
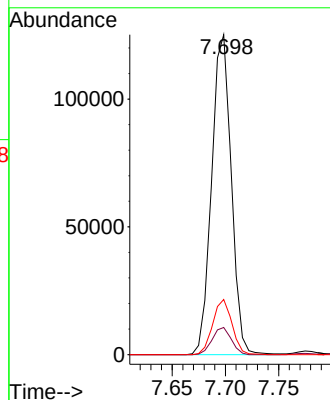
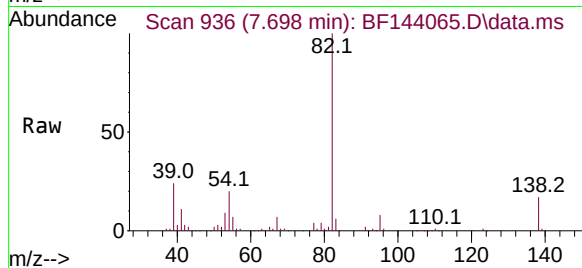
Tgt Ion: 82 Resp: 160608

Ion Ratio Lower Upper

82 100

95 8.5 6.6 9.8

138 17.2 13.8 20.8



#26

2-Nitrophenol

Concen: 36.360 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

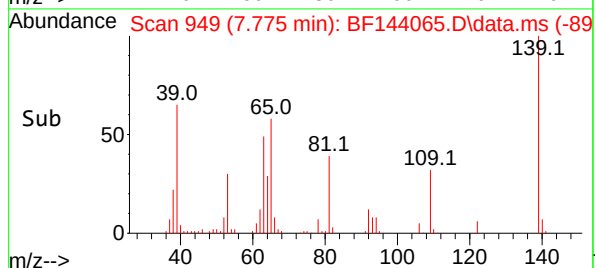
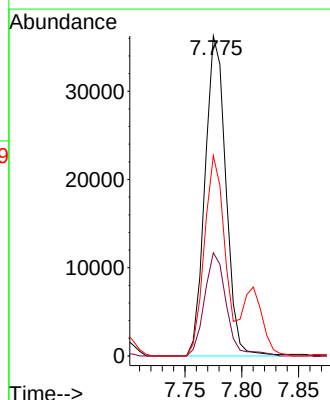
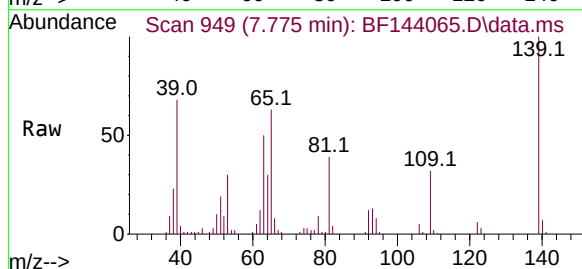
Tgt Ion: 139 Resp: 46278

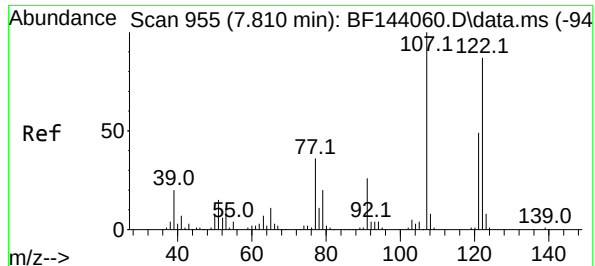
Ion Ratio Lower Upper

139 100

109 32.2 24.6 37.0

65 62.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 39.405 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

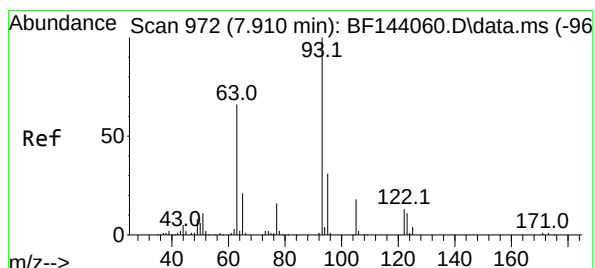
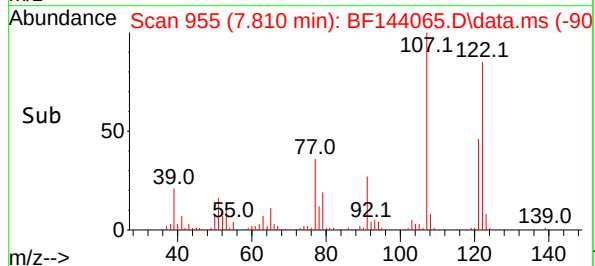
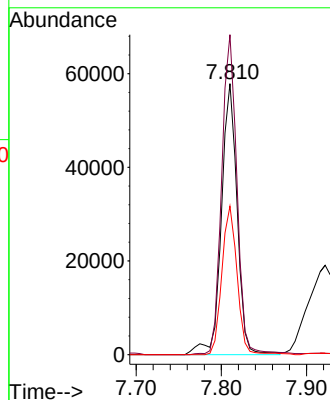
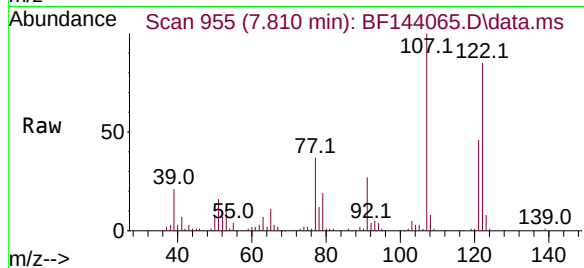
Tgt Ion:122 Resp: 74530

Ion Ratio Lower Upper

122 100

107 118.1 91.8 137.8

121 54.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.182 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

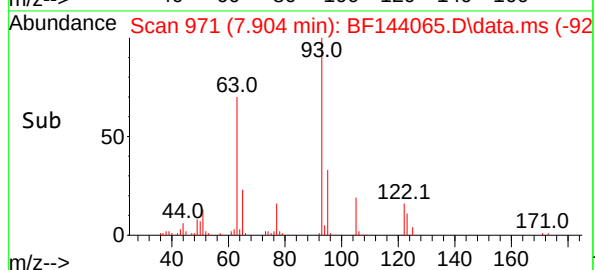
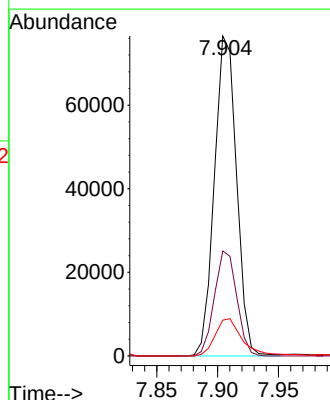
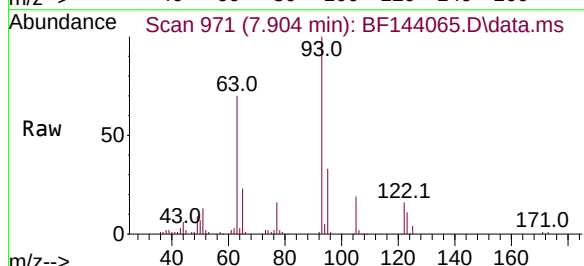
Tgt Ion: 93 Resp: 97014

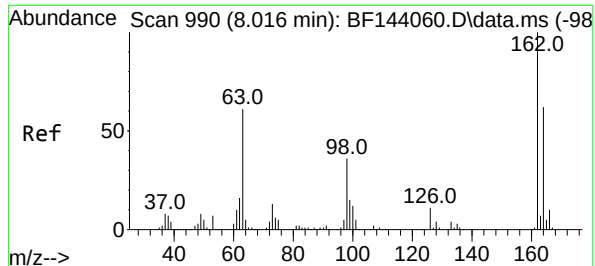
Ion Ratio Lower Upper

93 100

95 32.8 24.6 36.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.901 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

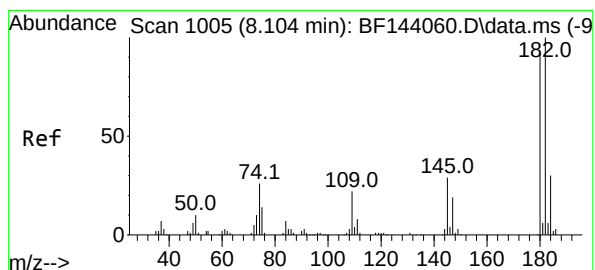
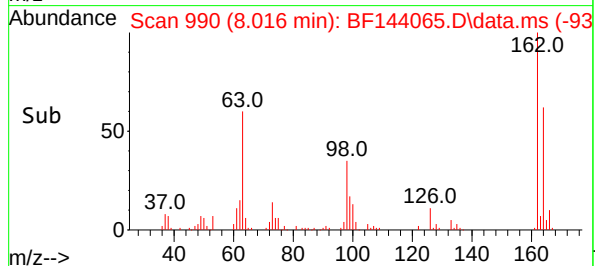
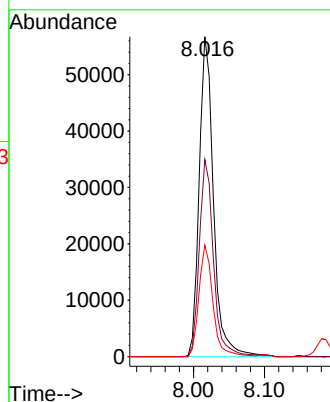
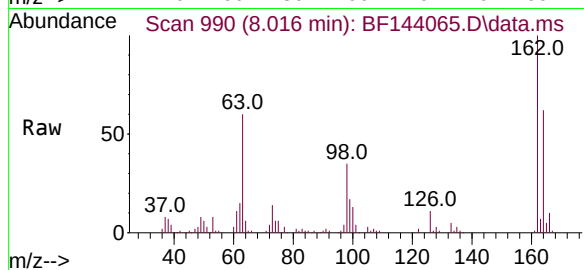
Tgt Ion:162 Resp: 78967

Ion Ratio Lower Upper

162 100

164 61.6 42.1 82.1

98 34.8 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 38.739 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

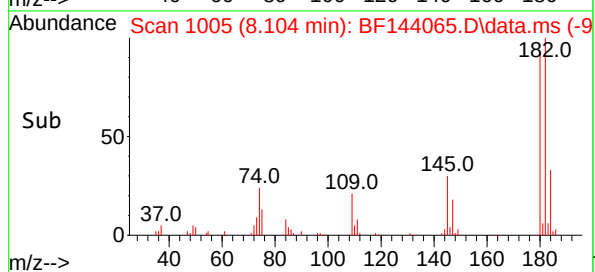
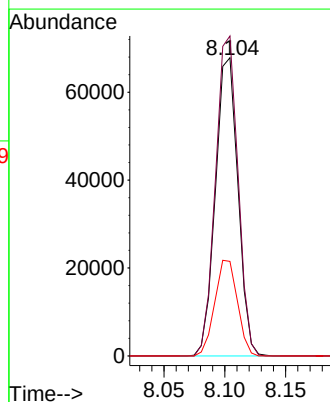
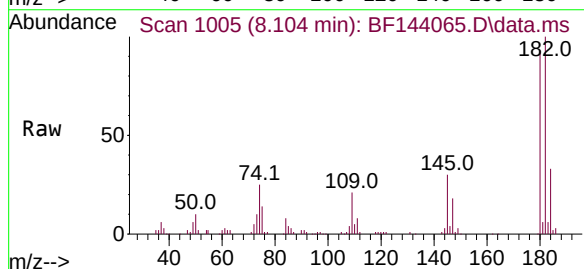
Tgt Ion:180 Resp: 87660

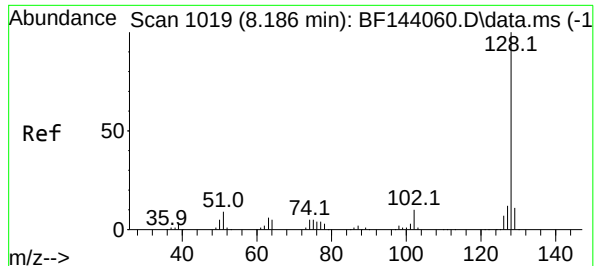
Ion Ratio Lower Upper

180 100

182 107.3 87.1 130.7

145 31.7 25.3 37.9





#31

Naphthalene

Concen: 35.834 ng

RT: 8.181 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

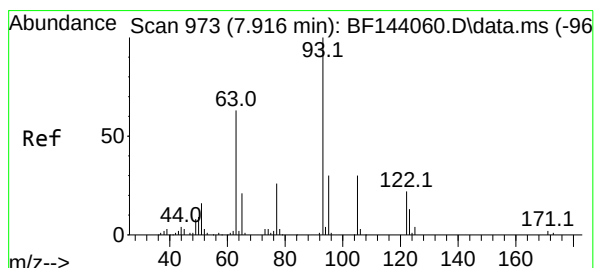
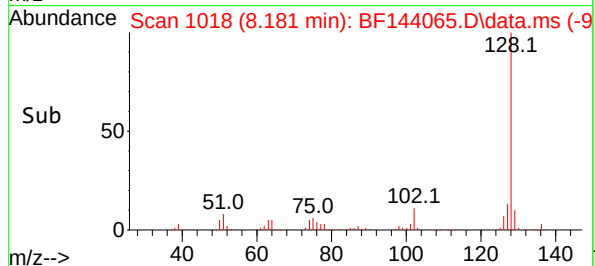
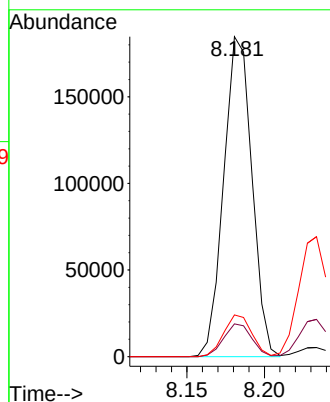
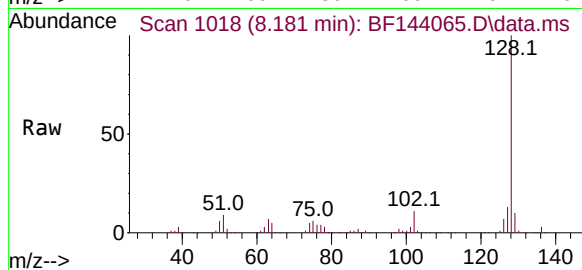
Tgt Ion:128 Resp: 234353

Ion Ratio Lower Upper

128 100

129 10.2 8.4 12.6

127 13.0 9.9 14.9



#32

Benzoic acid

Concen: 44.054 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

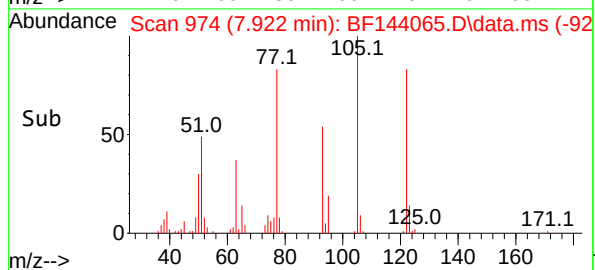
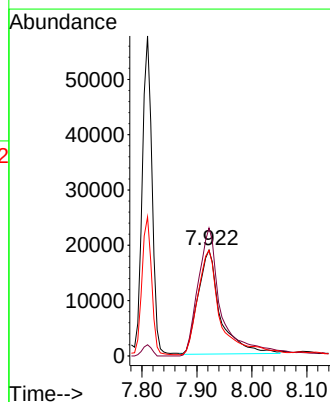
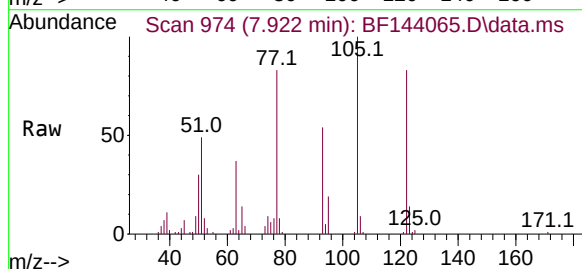
Tgt Ion:122 Resp: 52854

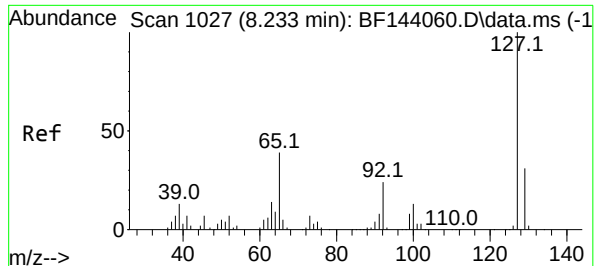
Ion Ratio Lower Upper

122 100

105 121.1 111.3 151.3

77 100.0 96.7 136.7





#33

4-Chloroaniline

Concen: 41.428 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:127 Resp: 94319

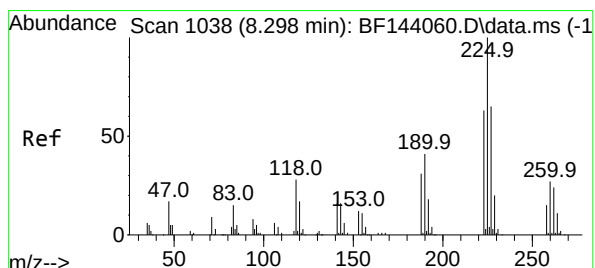
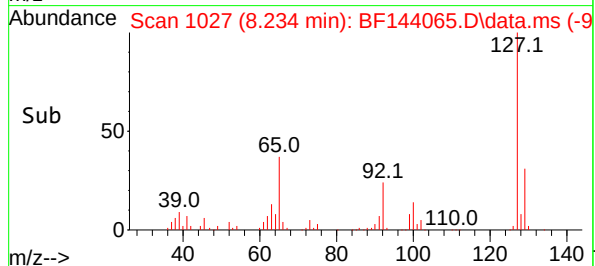
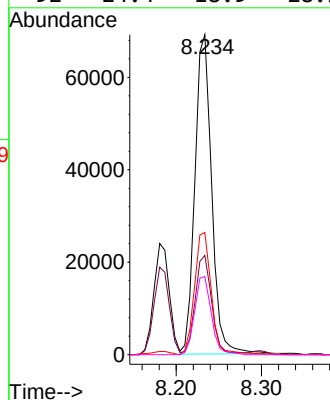
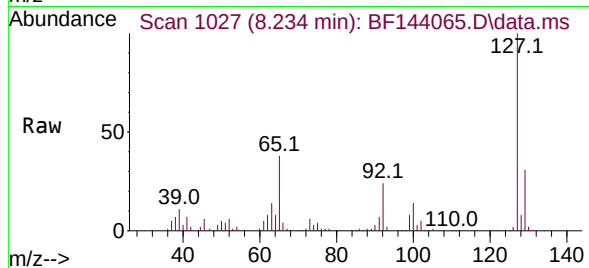
Ion Ratio Lower Upper

127 100

129 31.0 25.6 38.4

65 38.2 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 38.260 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

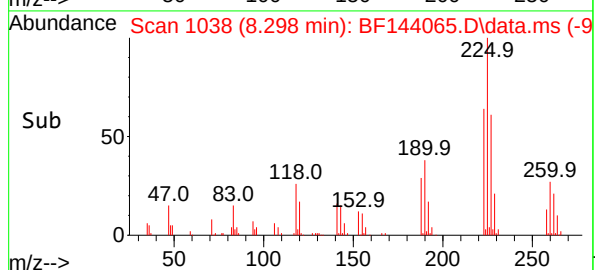
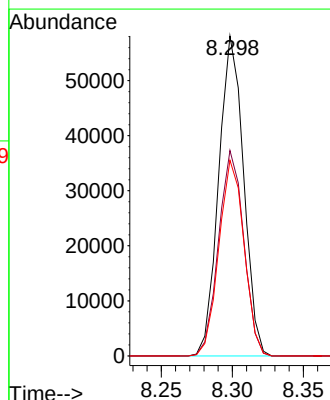
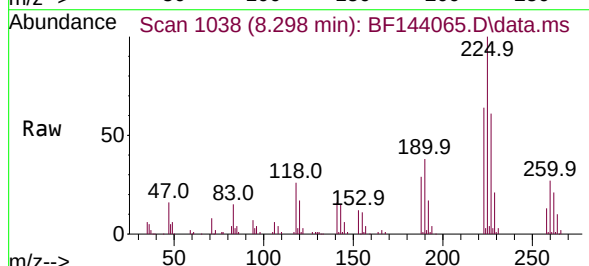
Tgt Ion:225 Resp: 70793

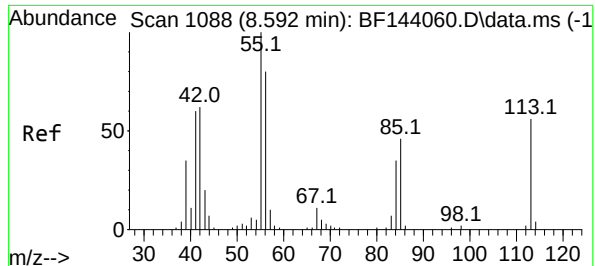
Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

227 61.1 51.8 77.8





#35

Caprolactam

Concen: 35.331 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

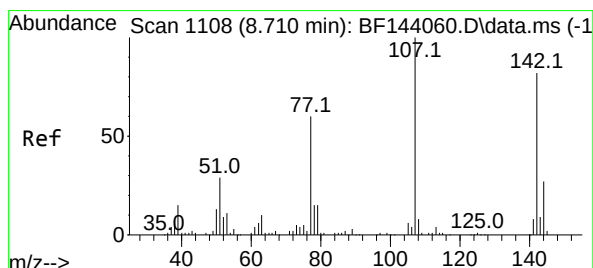
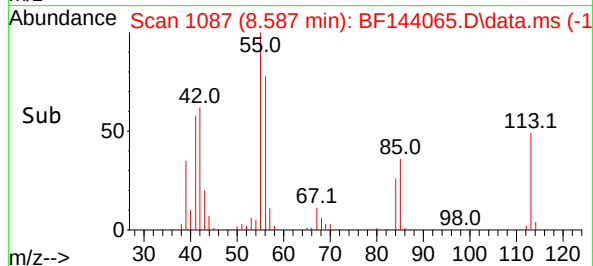
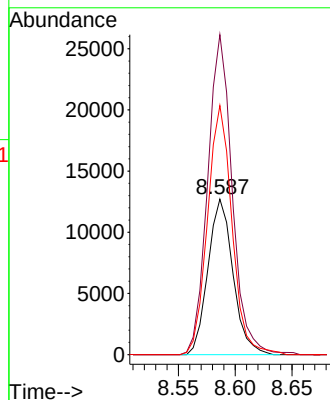
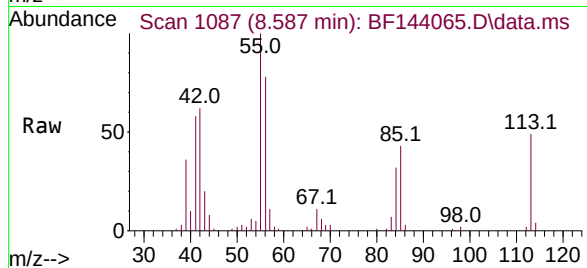
Tgt Ion:113 Resp: 19488

Ion Ratio Lower Upper

113 100

55 205.9 160.1 200.1#

56 160.2 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 36.112 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

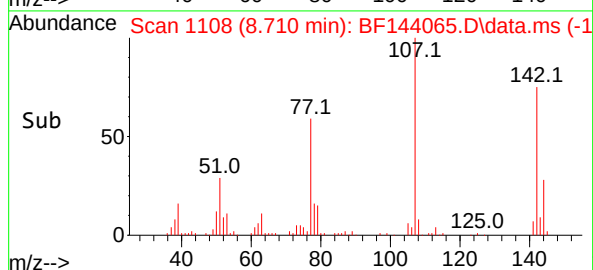
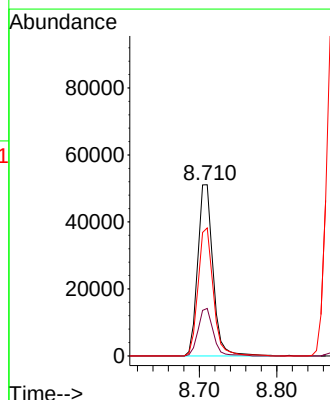
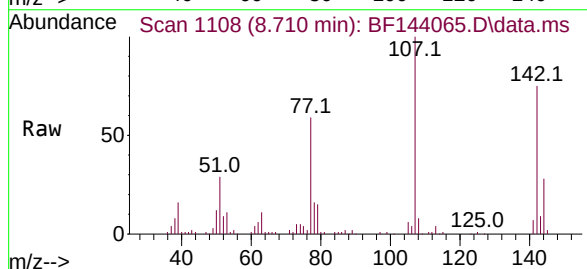
Tgt Ion:107 Resp: 70096

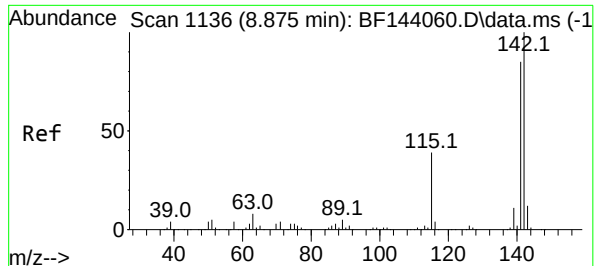
Ion Ratio Lower Upper

107 100

144 27.7 21.6 32.4

142 74.8 65.4 98.0





#37

2-Methylnaphthalene

Concen: 33.233 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

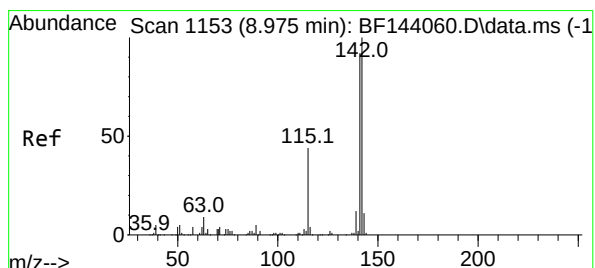
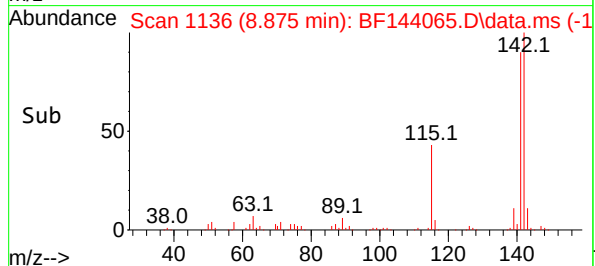
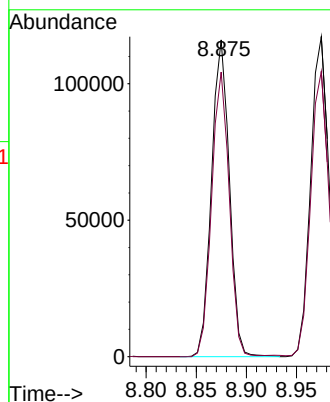
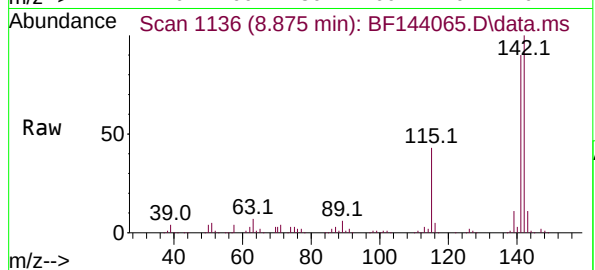
ICVBF102425

Tgt Ion:142 Resp: 143296

Ion Ratio Lower Upper

142 100

141 89.8 67.6 101.4



#38

1-Methylnaphthalene

Concen: 35.945 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144065.D

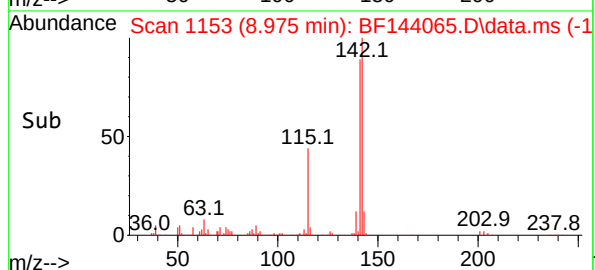
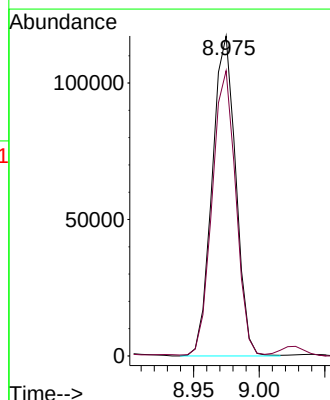
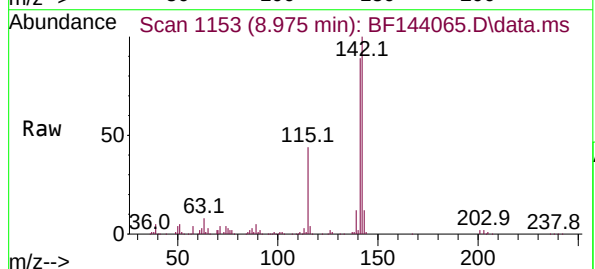
Acq: 24 Oct 2025 17:22

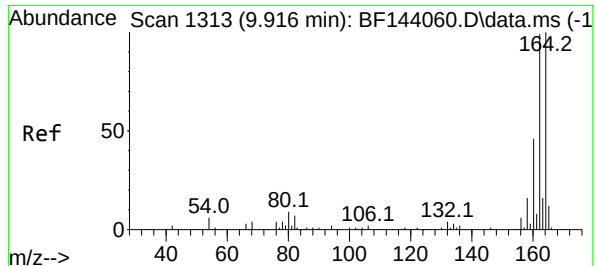
Tgt Ion:142 Resp: 146838

Ion Ratio Lower Upper

142 100

141 89.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144065.D

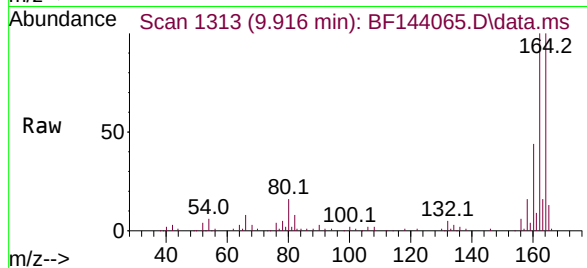
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



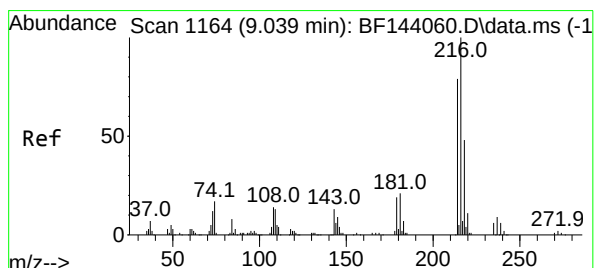
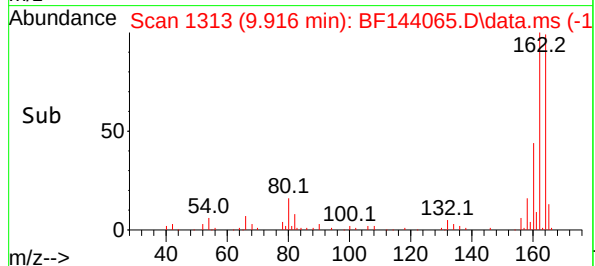
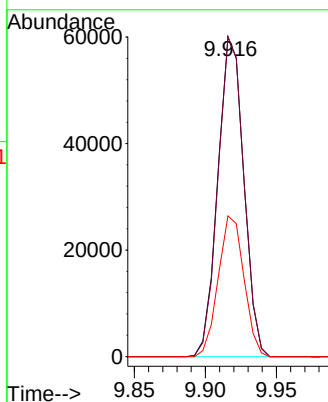
Tgt Ion:164 Resp: 76145

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.2

160 44.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.121 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:216 Resp: 91910

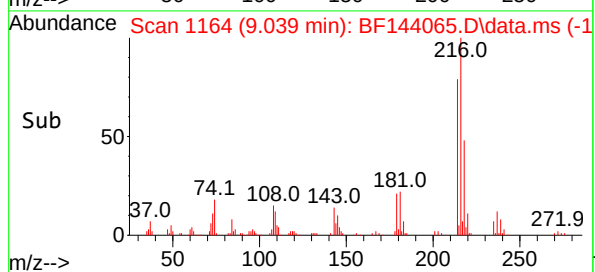
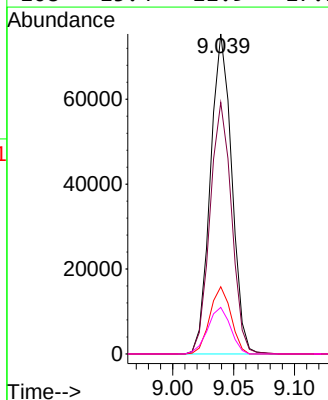
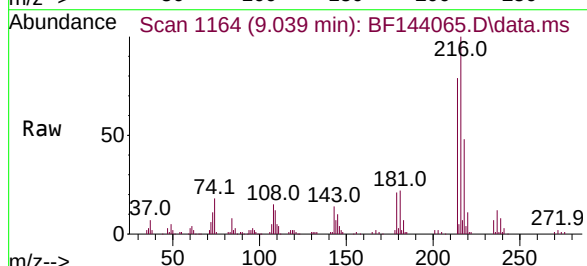
Ion Ratio Lower Upper

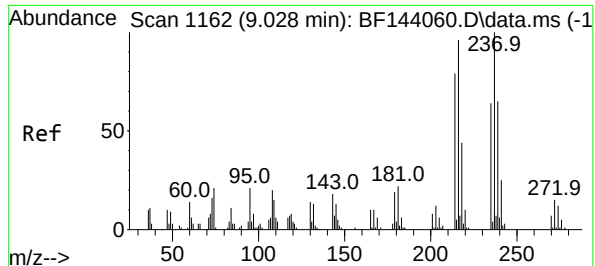
216 100

214 79.3 63.2 94.8

179 20.8 15.2 22.8

108 15.4 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 48.585 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

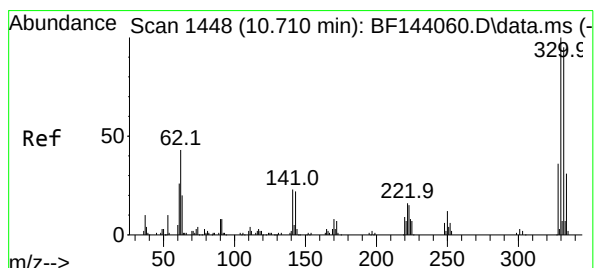
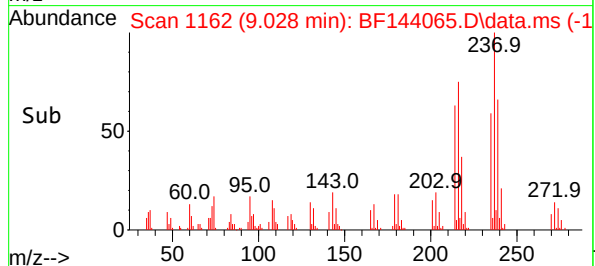
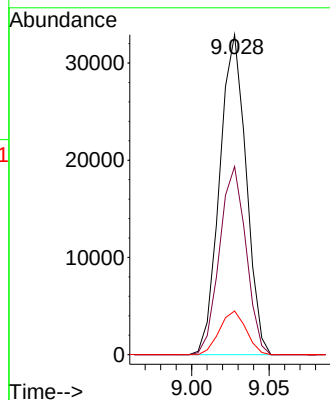
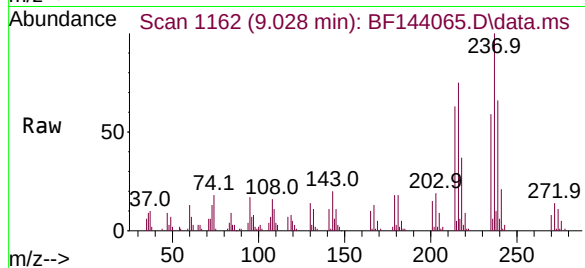
Tgt Ion:237 Resp: 39270

Ion Ratio Lower Upper

237 100

235 58.8 44.3 84.3

272 13.6 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 68.551 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

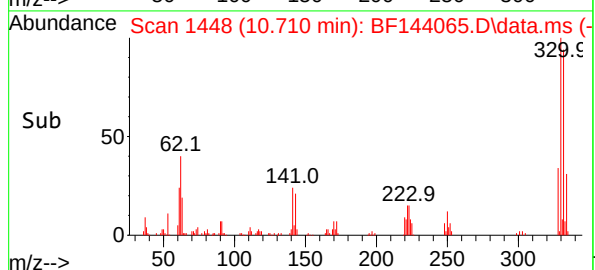
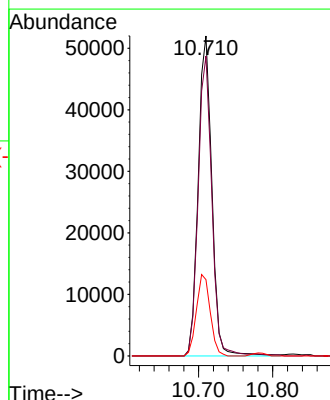
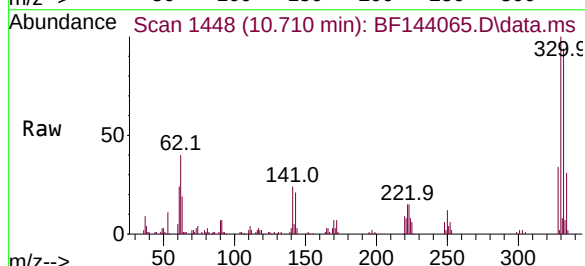
Tgt Ion:330 Resp: 66490

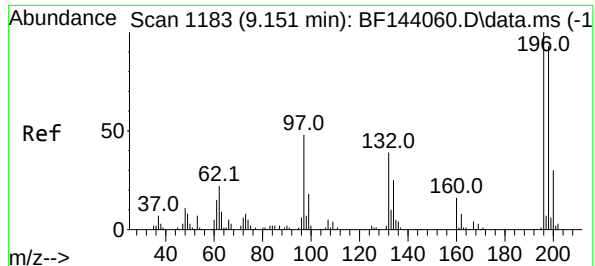
Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

141 25.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 33.986 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

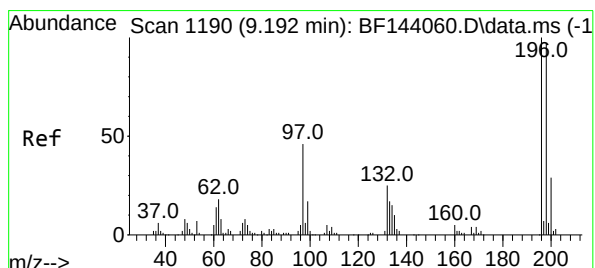
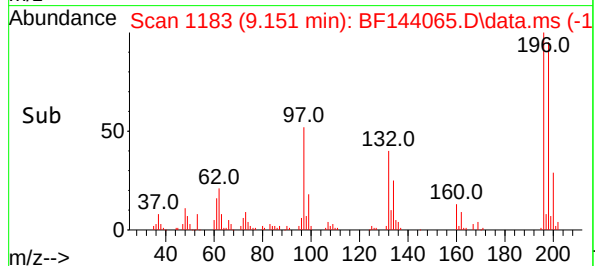
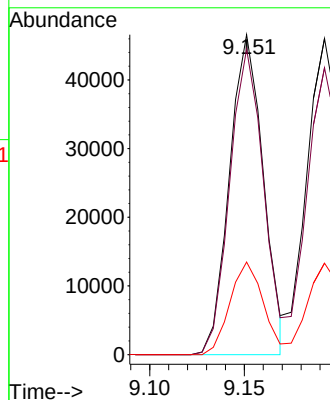
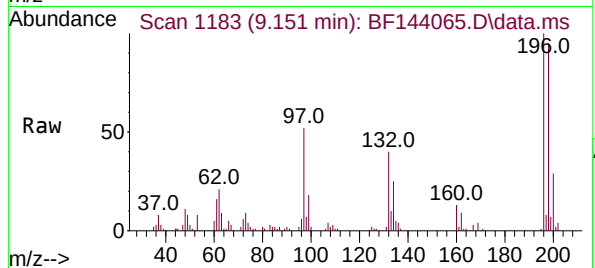
Tgt Ion:196 Resp: 57810

Ion Ratio Lower Upper

196 100

198 95.5 74.4 111.6

200 28.9 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 36.018 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:196 Resp: 64300

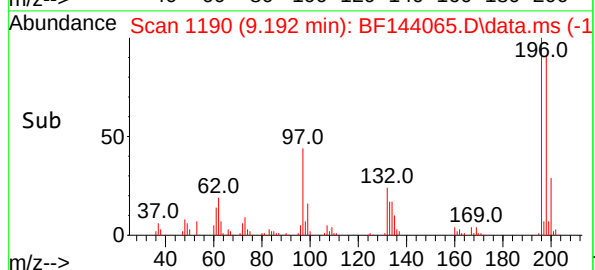
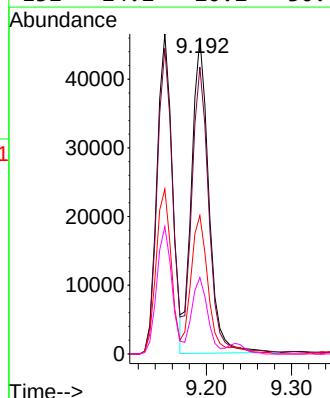
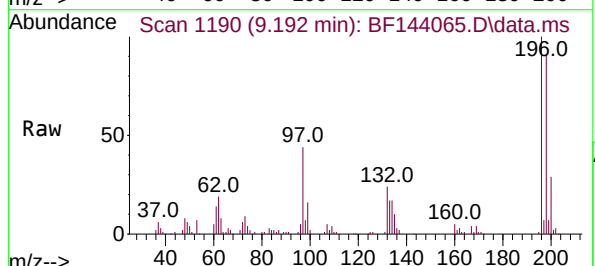
Ion Ratio Lower Upper

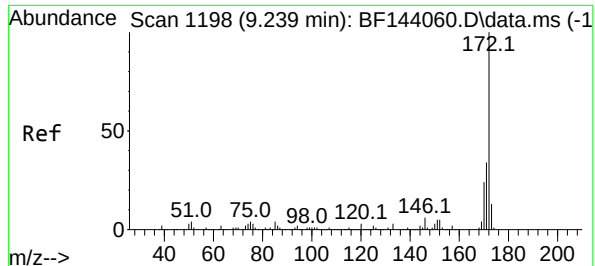
196 100

198 90.7 78.0 117.0

97 43.7 37.7 56.5

132 24.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 67.717 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

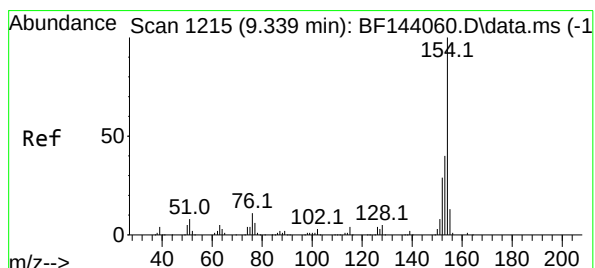
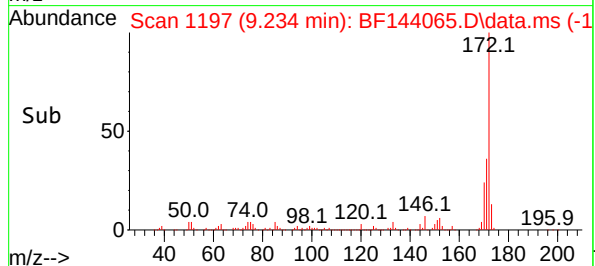
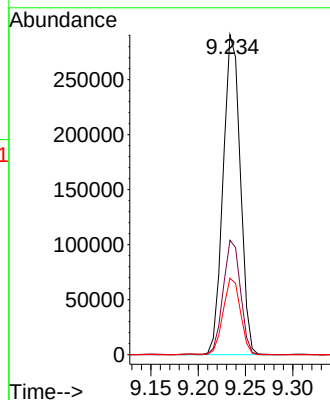
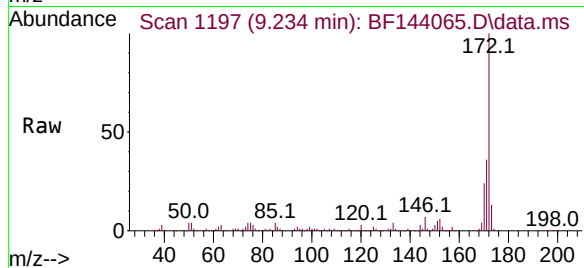
Tgt Ion:172 Resp: 366420

Ion Ratio Lower Upper

172 100

171 35.7 27.5 41.3

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 35.345 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

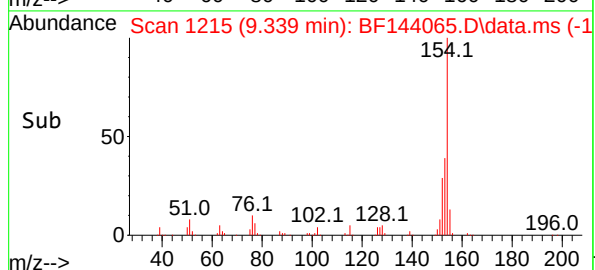
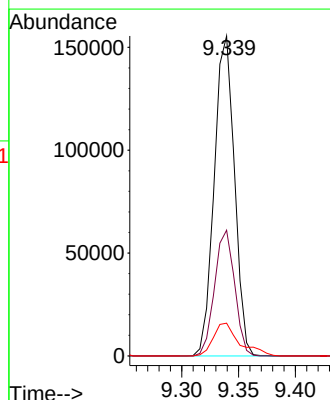
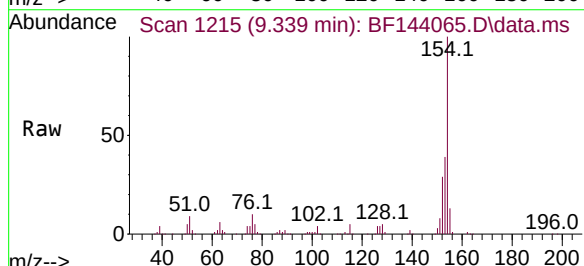
Tgt Ion:154 Resp: 192660

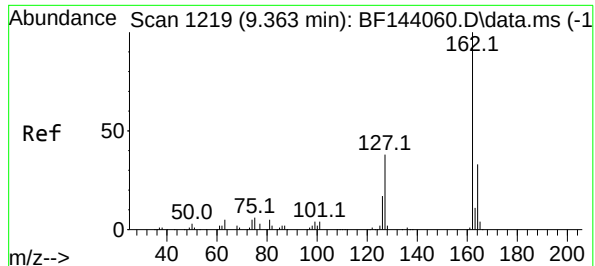
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 34.908 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

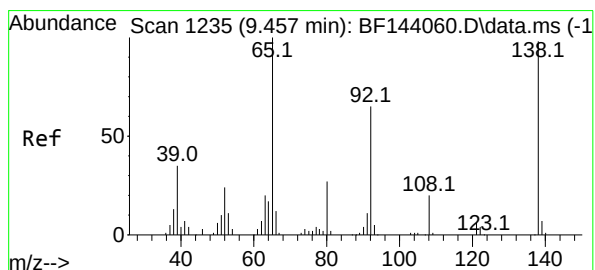
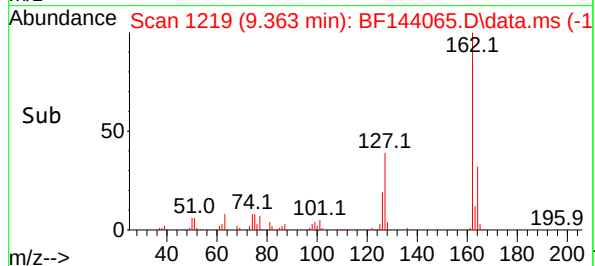
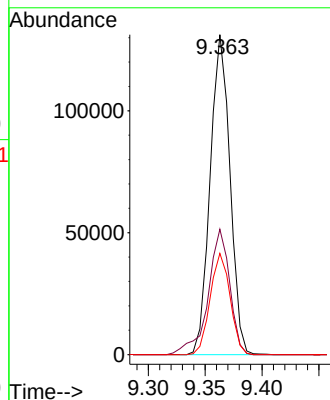
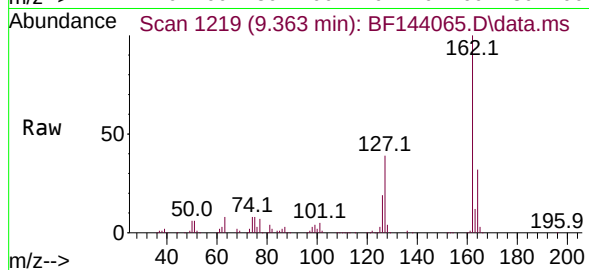
Tgt Ion:162 Resp: 159410

Ion Ratio Lower Upper

162 100

127 39.2 31.6 47.4

164 31.6 26.5 39.7



#48

2-Nitroaniline

Concen: 36.621 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

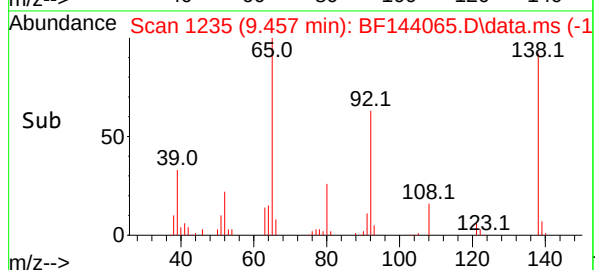
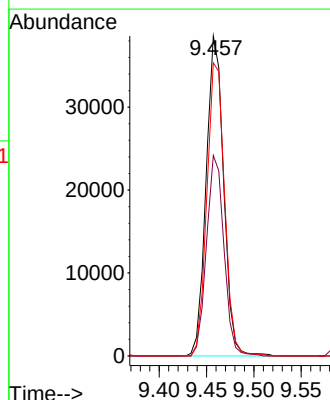
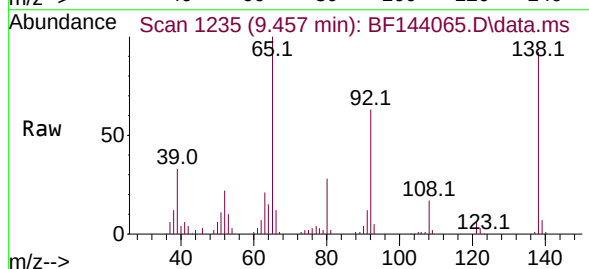
Tgt Ion: 65 Resp: 49659

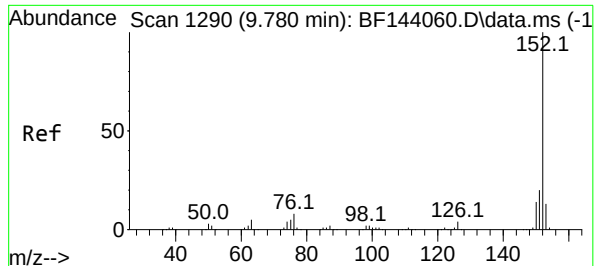
Ion Ratio Lower Upper

65 100

92 62.6 52.3 78.5

138 91.6 78.3 117.5





#49

Acenaphthylene

Concen: 39.474 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144065.D

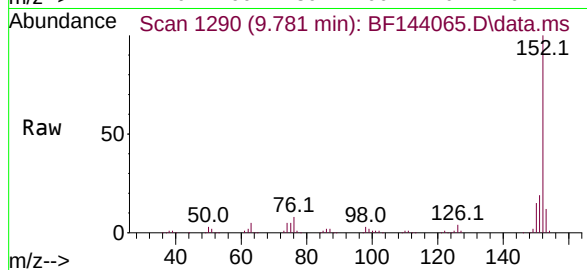
Acq: 24 Oct 2025 17:22

Instrument :

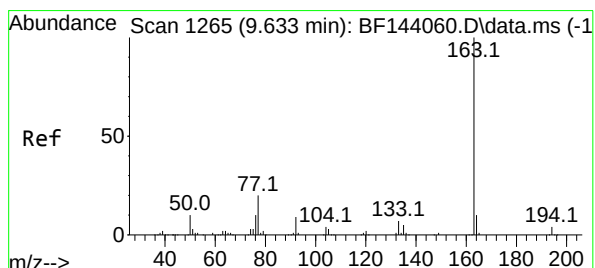
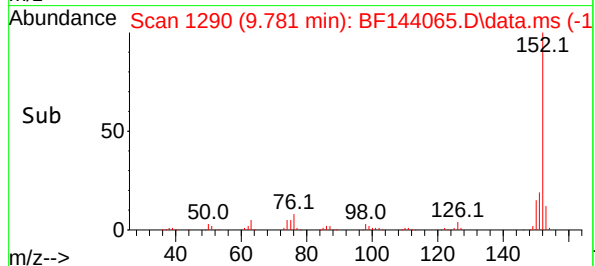
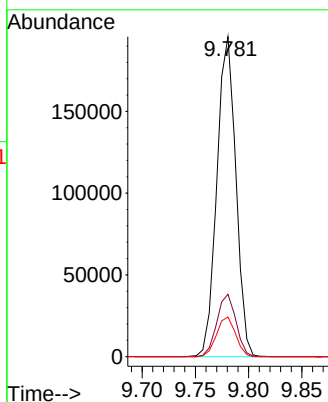
BNA_F

ClientSampleId :

ICVBF102425



Tgt Ion:	152	Resp:	243055
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	12.4	10.4	15.6



#50

Dimethylphthalate

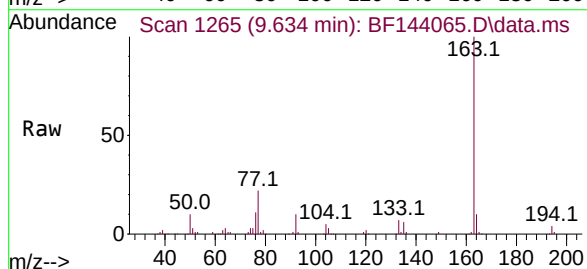
Concen: 34.098 ng

RT: 9.634 min Scan# 1265

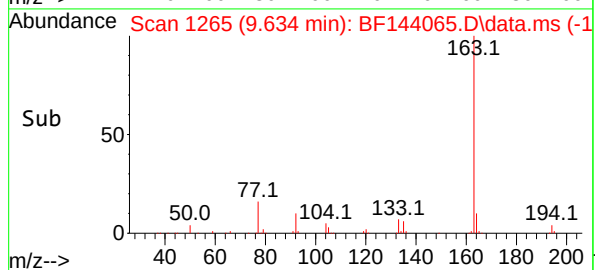
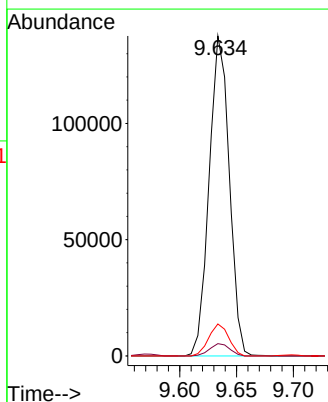
Delta R.T. 0.000 min

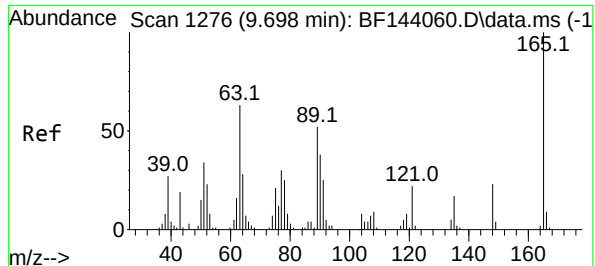
Lab File: BF144065.D

Acq: 24 Oct 2025 17:22



Tgt Ion:	163	Resp:	170189
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	10.0	7.8	11.8

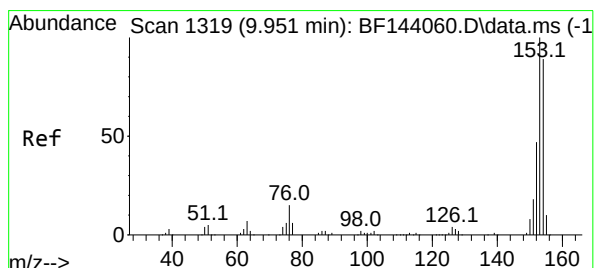
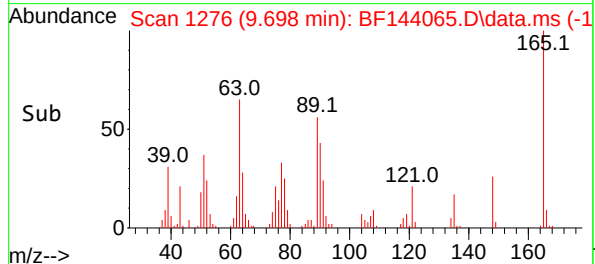
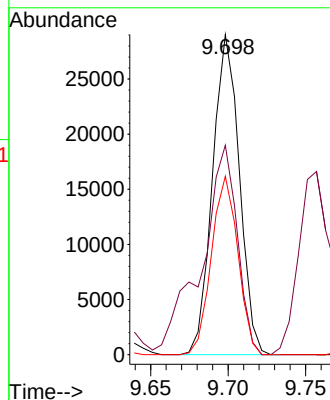
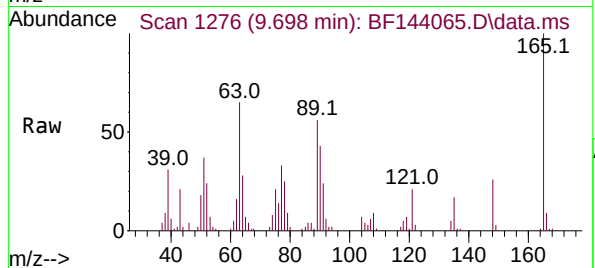




#51
2,6-Dinitrotoluene
Concen: 35.461 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

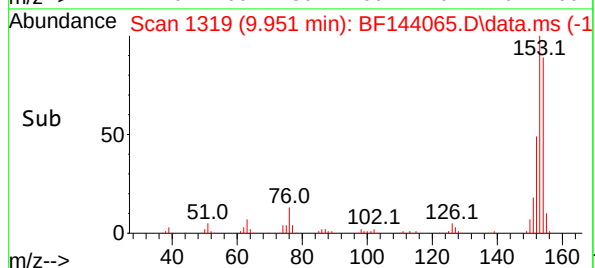
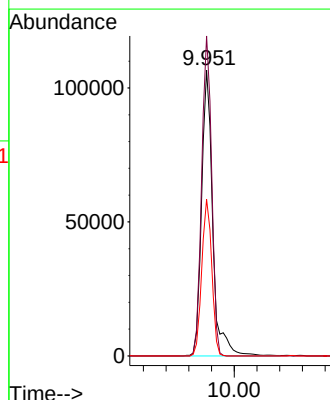
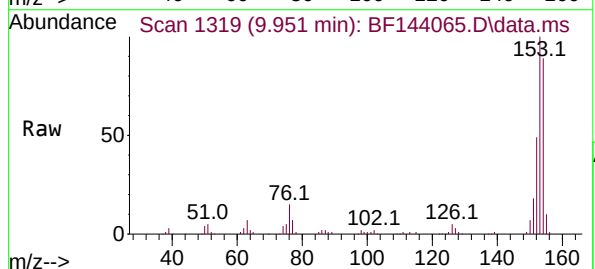
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

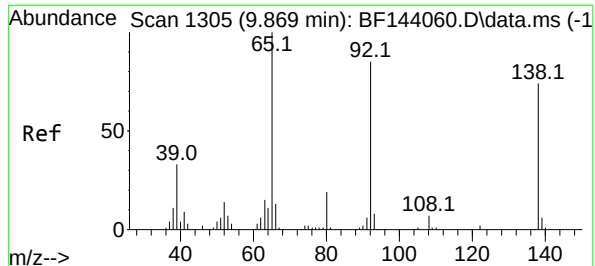
Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.4	50.4	75.6
89	55.7	41.4	62.2



#52
Acenaphthene
Concen: 35.145 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.9	134.9
152	54.8	42.0	63.0





#53

3-Nitroaniline

Concen: 35.804 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

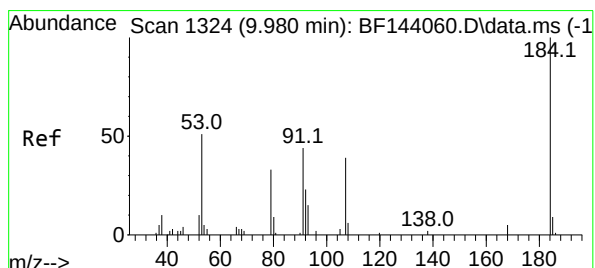
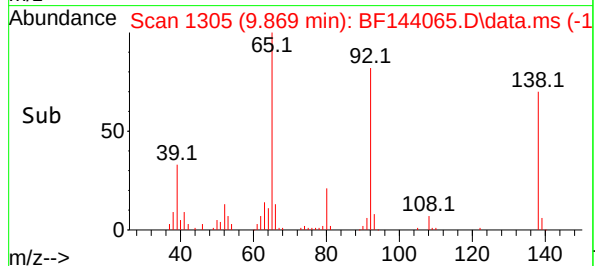
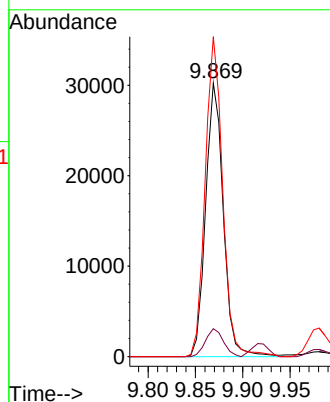
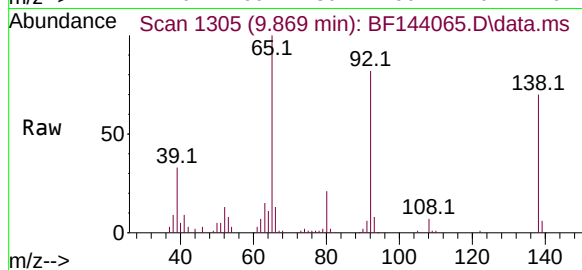
Tgt Ion:138 Resp: 39278

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

92 117.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 41.102 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

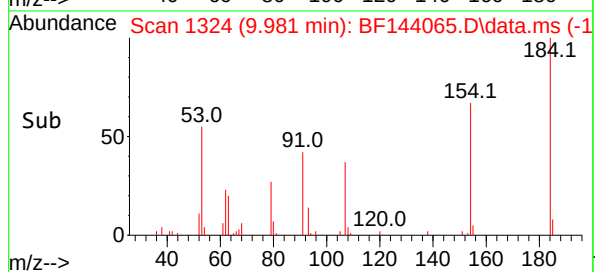
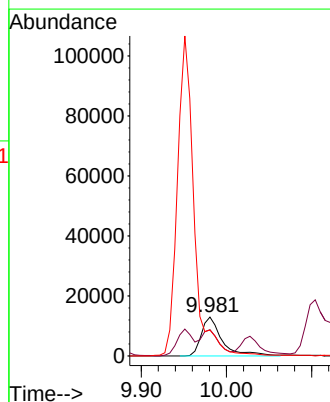
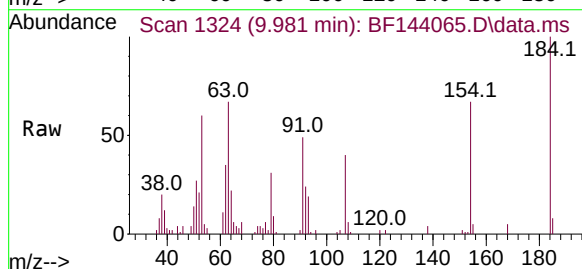
Tgt Ion:184 Resp: 21935

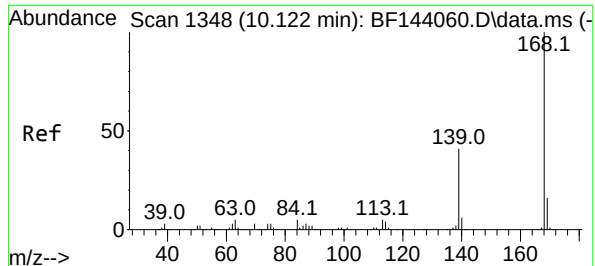
Ion Ratio Lower Upper

184 100

63 67.5 52.1 78.1

154 66.5 47.9 71.9





#55

Dibenzofuran

Concen: 34.140 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

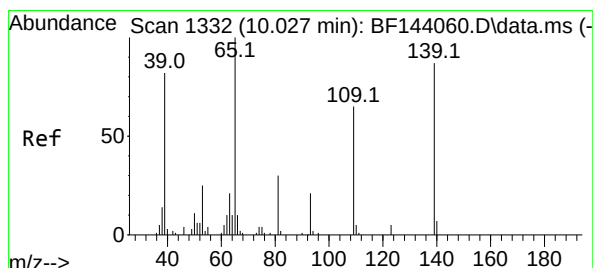
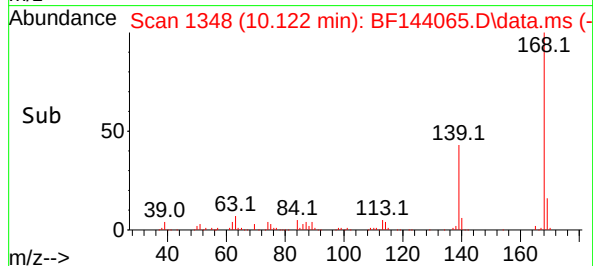
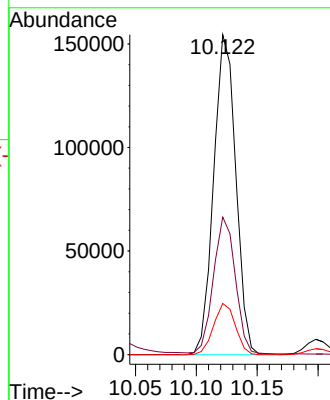
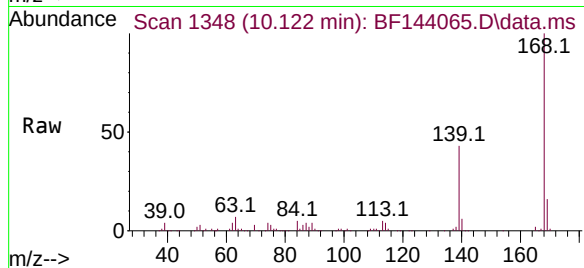
Tgt Ion:168 Resp: 194900

Ion Ratio Lower Upper

168 100

139 43.0 33.2 49.8

169 16.0 12.6 19.0



#56

4-Nitrophenol

Concen: 38.254 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

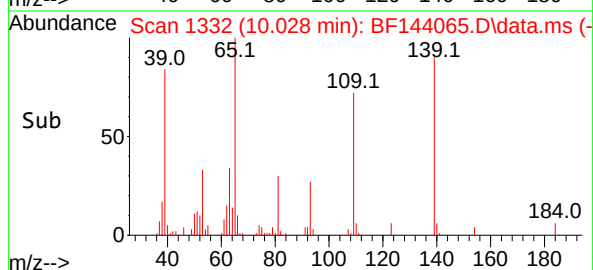
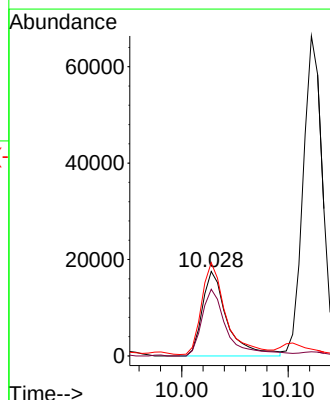
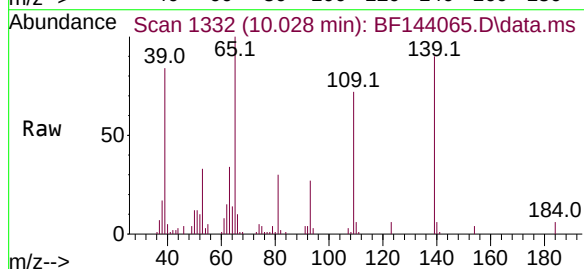
Tgt Ion:139 Resp: 28418

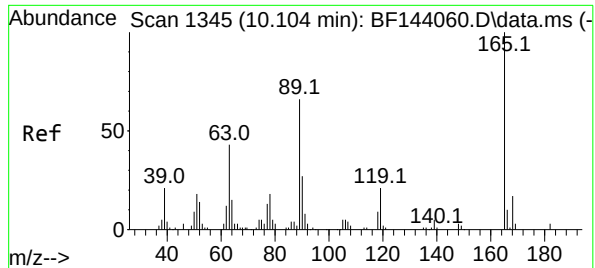
Ion Ratio Lower Upper

139 100

109 79.1 53.8 93.8

65 110.6 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 37.002 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:165 Resp: 49275

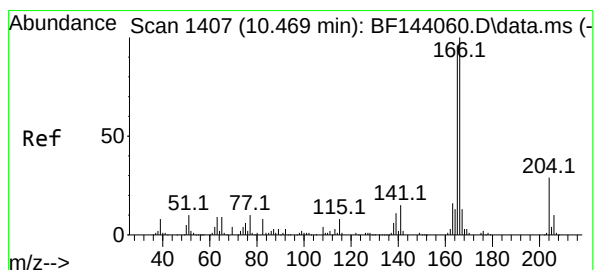
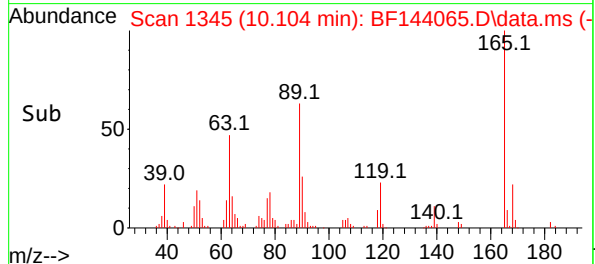
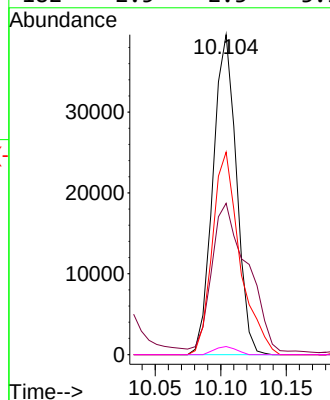
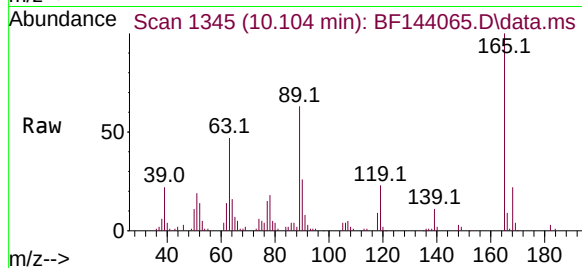
Ion Ratio Lower Upper

165 100

63 47.3 35.4 53.2

89 63.3 52.7 79.1

182 2.5 2.3 3.5



#58

Fluorene

Concen: 34.864 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

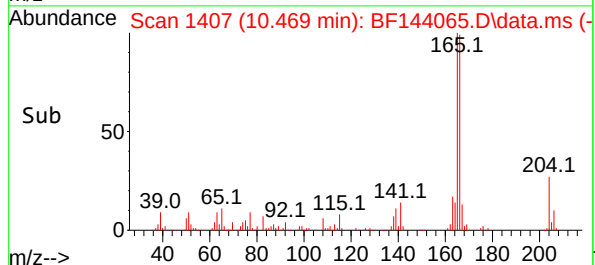
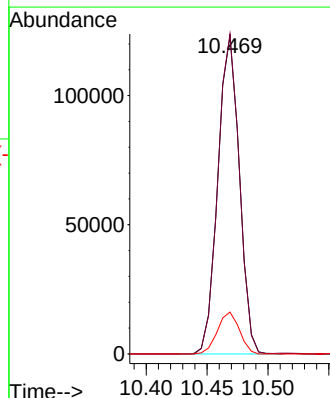
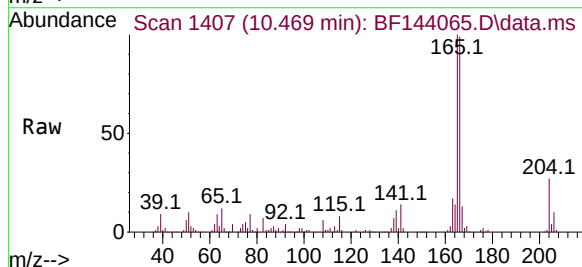
Tgt Ion:166 Resp: 151653

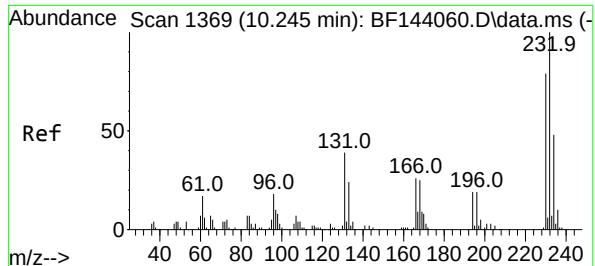
Ion Ratio Lower Upper

166 100

165 100.7 77.0 115.4

167 13.2 10.2 15.4

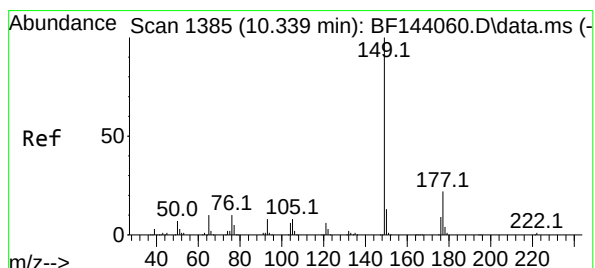
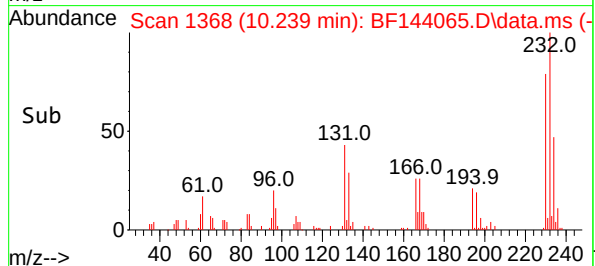
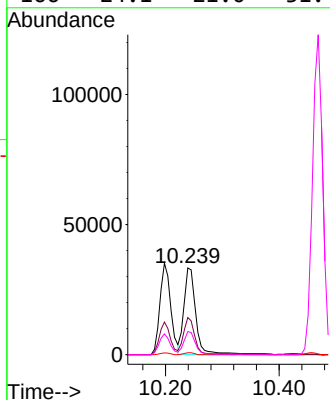
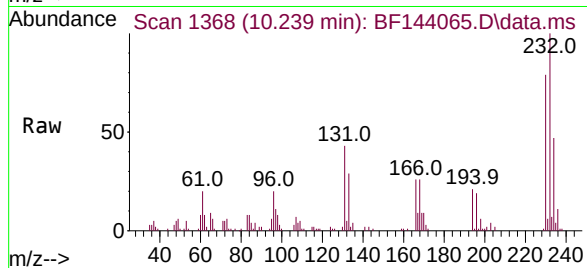




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.232 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

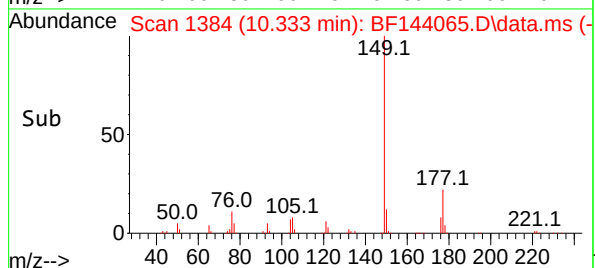
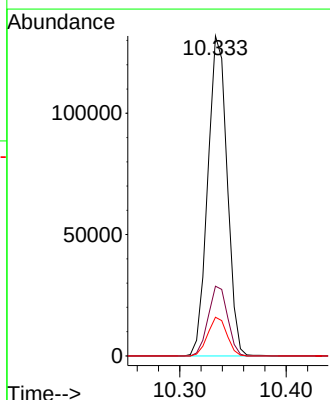
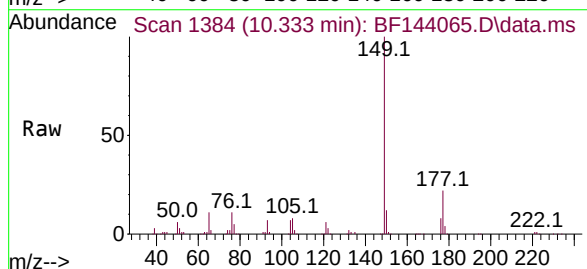
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

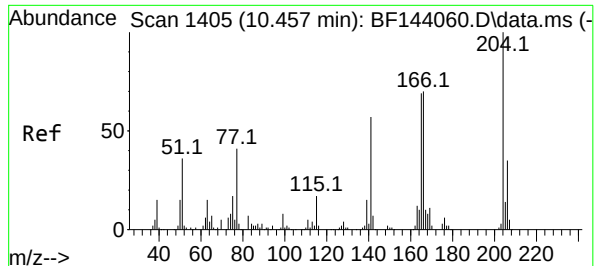
Tgt Ion:232 Resp: 49354
Ion Ratio Lower Upper
232 100
131 36.9 31.9 47.9
130 1.7 1.1 1.7#
166 24.1 21.0 31.4



#60
Diethylphthalate
Concen: 35.442 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 166357
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.1 10.1 15.1

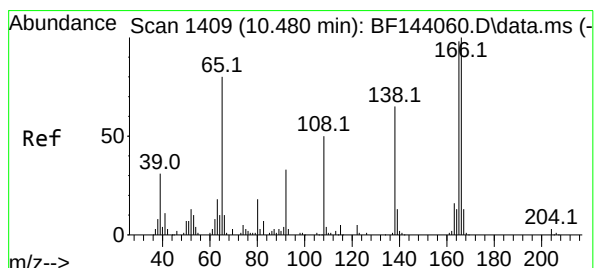
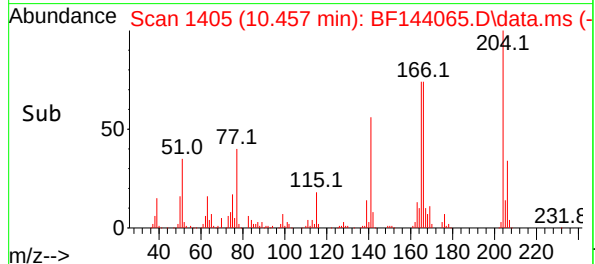
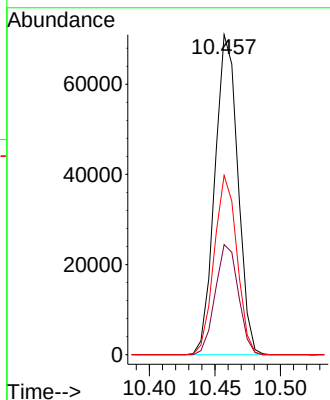
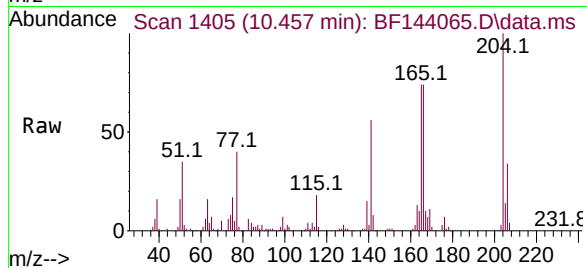




#61
4-Chlorophenyl-phenylether
Concen: 35.479 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

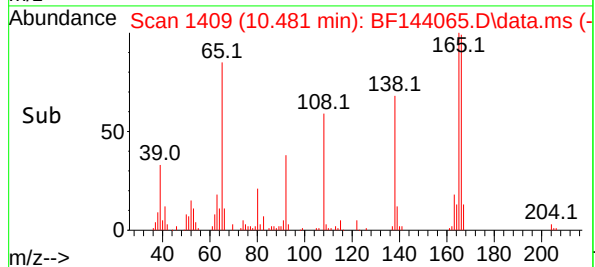
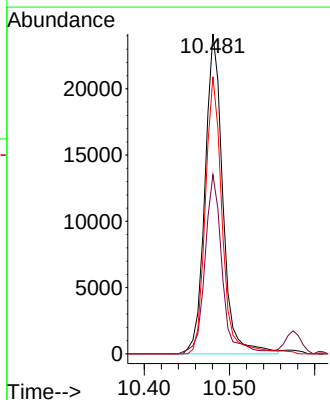
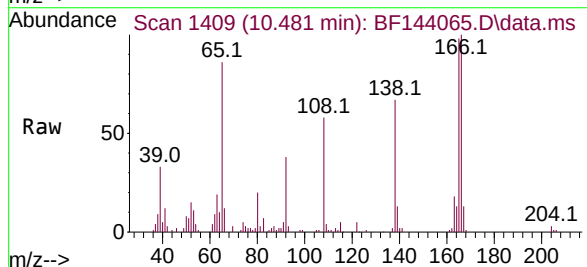
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

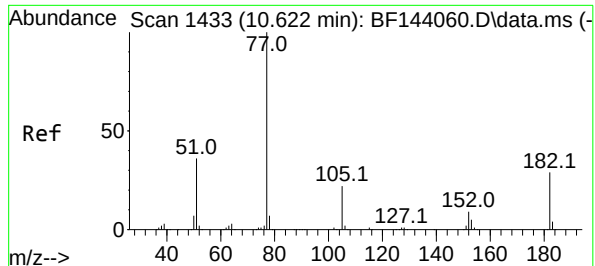
Tgt Ion:204 Resp: 86789
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.6
141 56.0 45.4 68.2



#62
4-Nitroaniline
Concen: 33.756 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:138 Resp: 35087
Ion Ratio Lower Upper
138 100
92 56.0 30.5 70.5
108 86.6 56.2 96.2

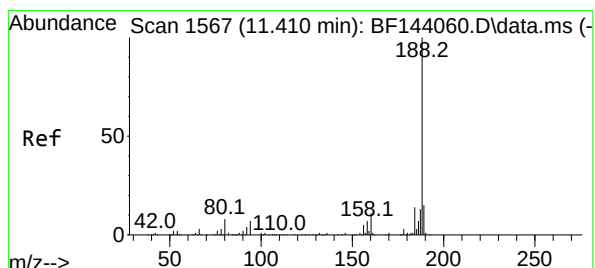
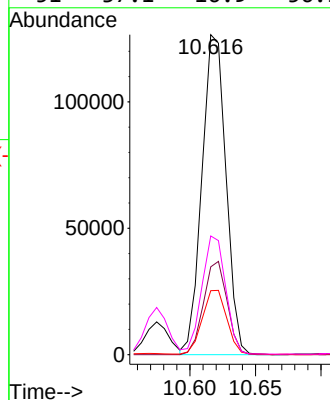
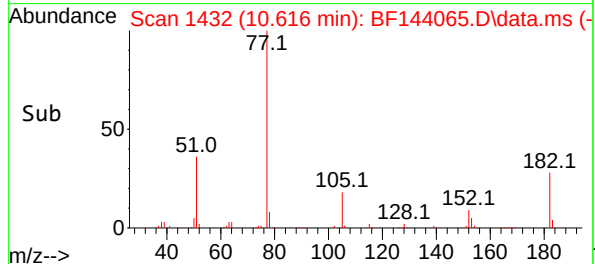
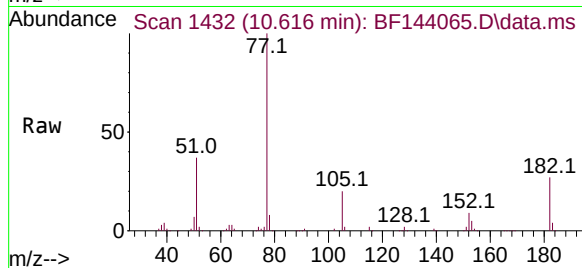




#63
Azobenzene
Concen: 36.422 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

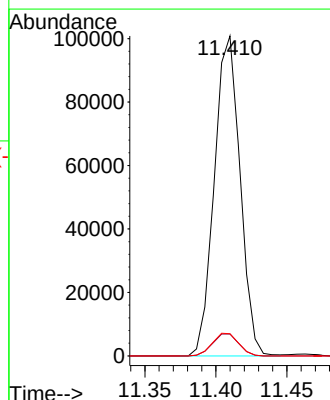
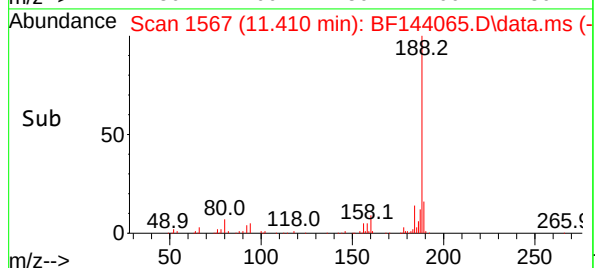
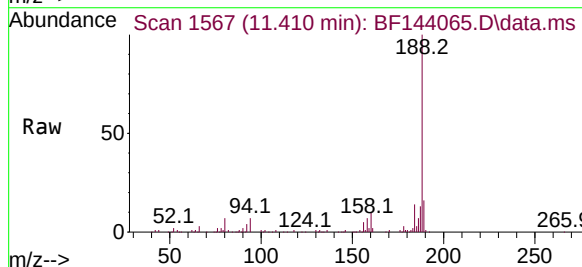
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

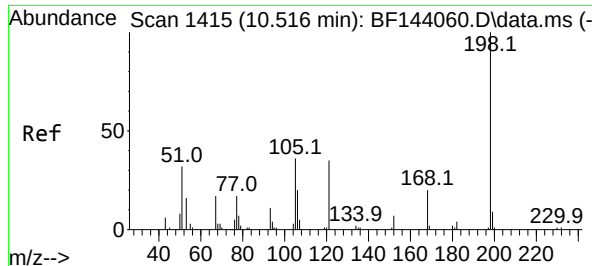
Tgt Ion: 77	Resp: 161807
Ion Ratio	Lower Upper
77	100
182	27.4 9.0 49.0
105	20.0 1.4 41.4
51	37.1 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 188	Resp: 127305
Ion Ratio	Lower Upper
188	100
94	6.8 5.4 8.0
80	6.9 6.0 9.0

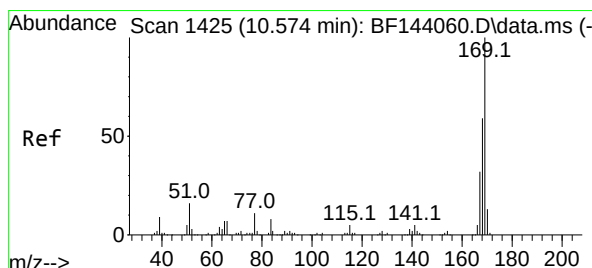
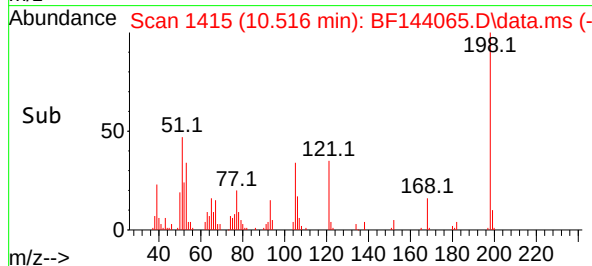
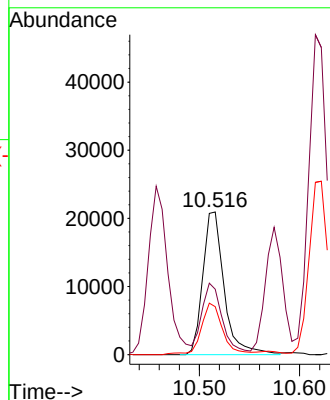
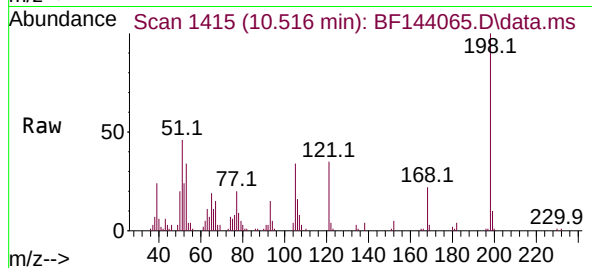




#65
4,6-Dinitro-2-methylphenol
Concen: 37.867 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

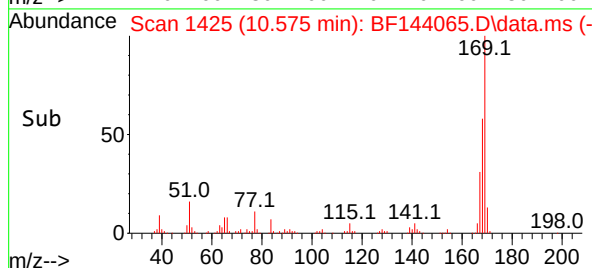
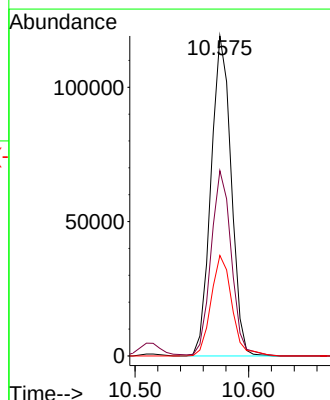
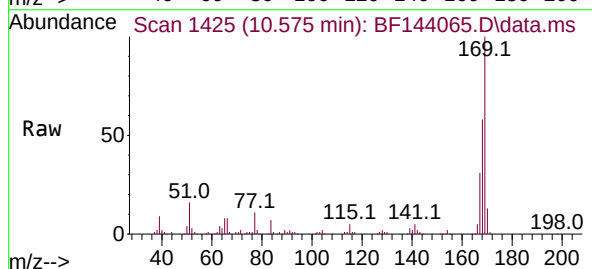
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

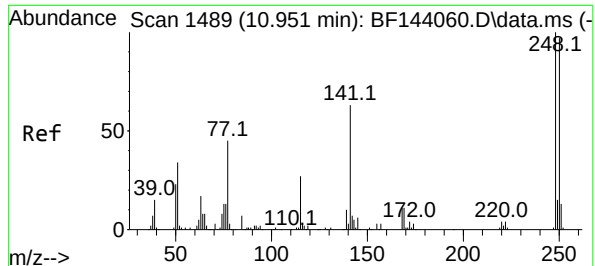
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	25.8	65.8
105	33.6	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 36.075 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.9	47.4	71.2
167	31.4	25.5	38.3

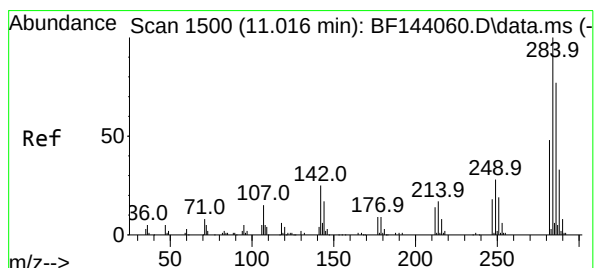
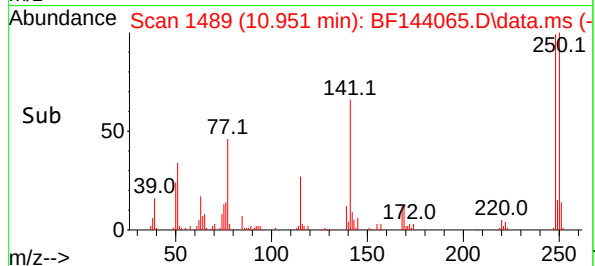
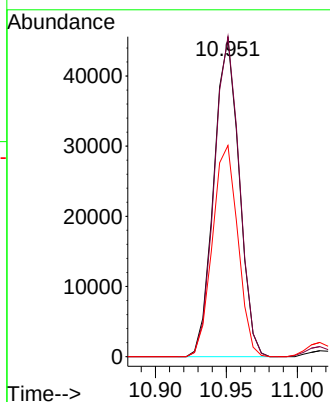
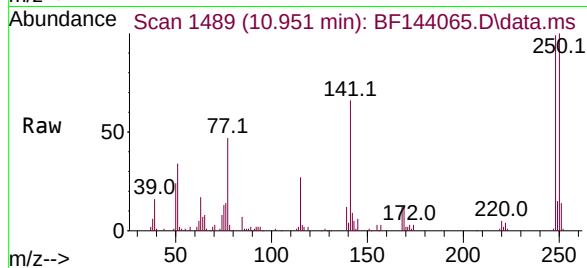




#67
4-Bromophenyl-phenylether
Concen: 35.313 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

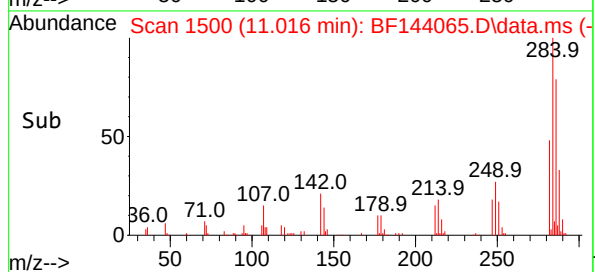
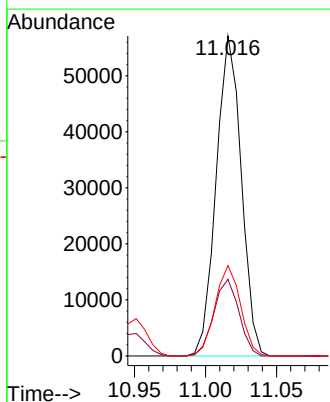
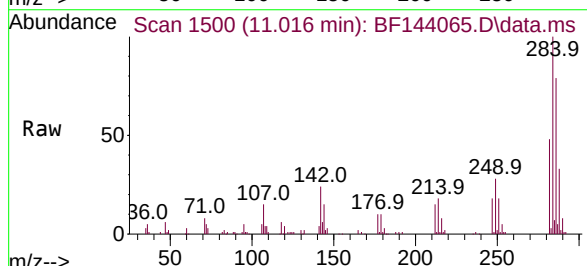
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

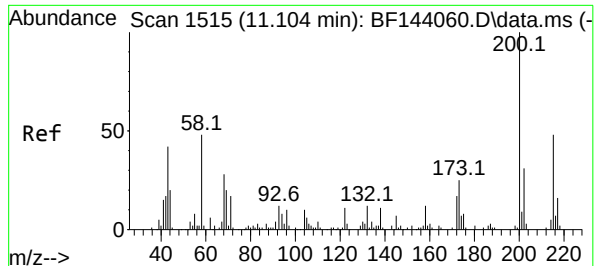
Tgt Ion:	248	Resp:	56286
Ion Ratio	Lower	Upper	
248	100		
250	100.6	77.8	116.6
141	66.4	50.5	75.7



#68
Hexachlorobenzene
Concen: 35.903 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	284	Resp:	70184
Ion Ratio	Lower	Upper	
284	100		
142	23.9	20.0	30.0
249	28.2	22.2	33.2





#69

Atrazine

Concen: 36.643 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

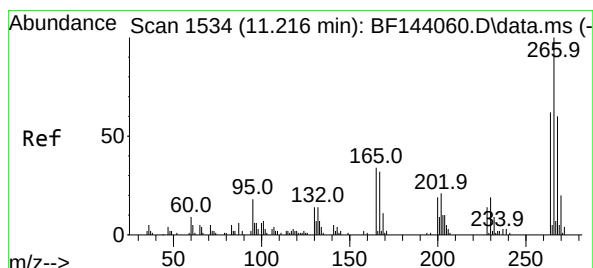
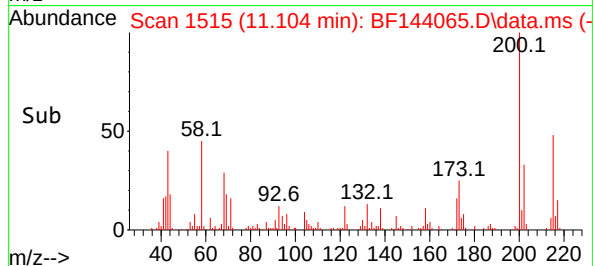
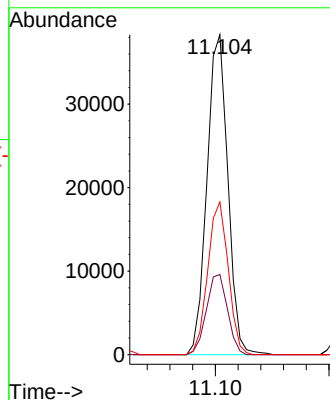
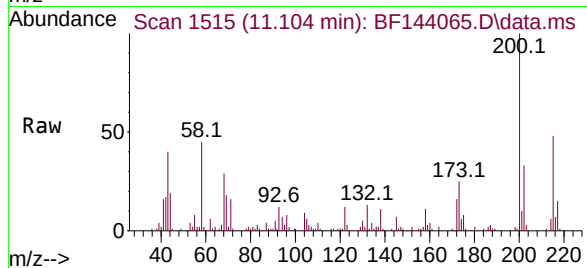
Tgt Ion:200 Resp: 48908

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 33.237 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

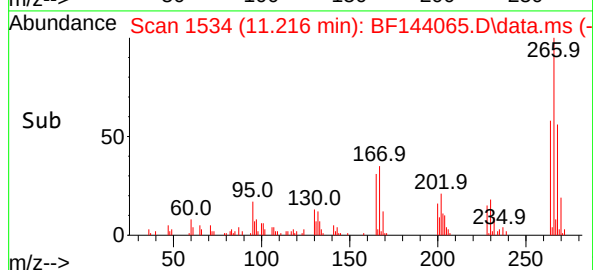
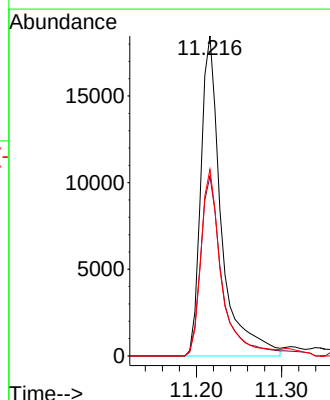
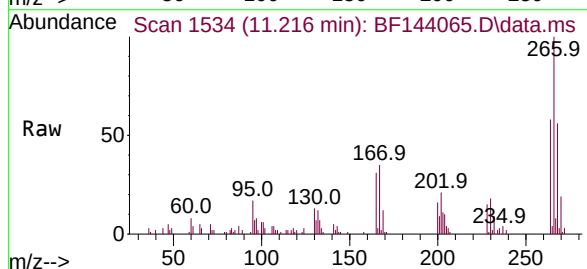
Tgt Ion:266 Resp: 30927

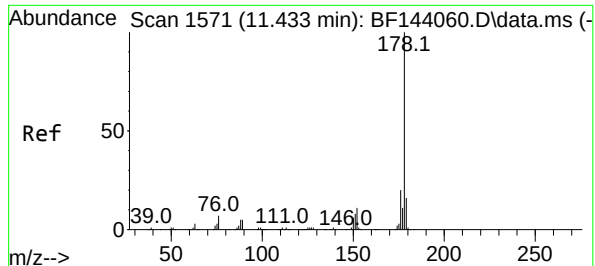
Ion Ratio Lower Upper

266 100

268 56.2 48.2 72.4

264 58.3 49.4 74.0

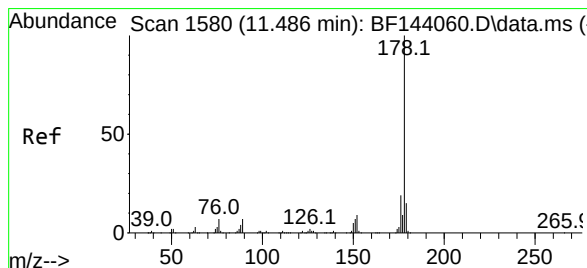
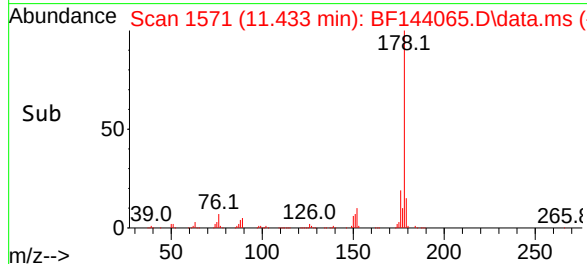
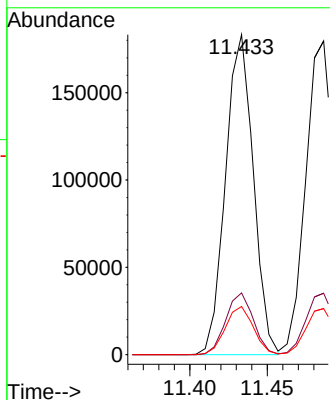
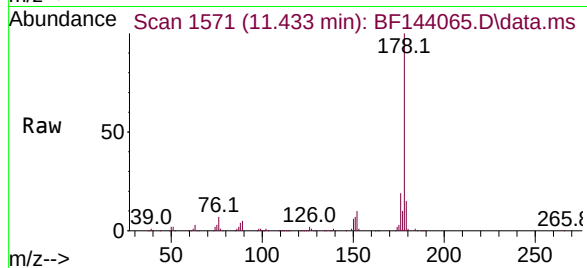




#71
Phenanthrene
Concen: 36.120 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

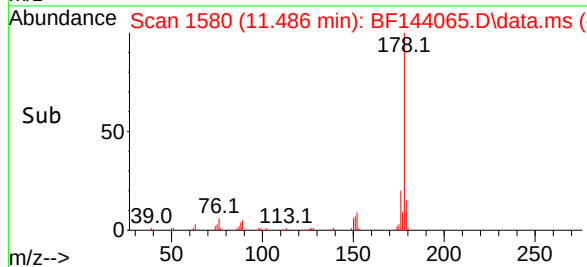
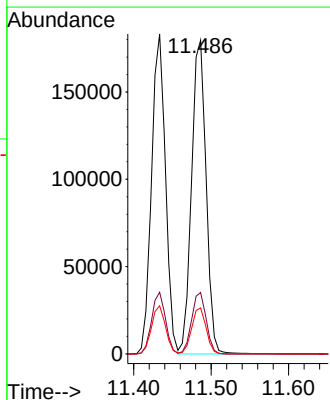
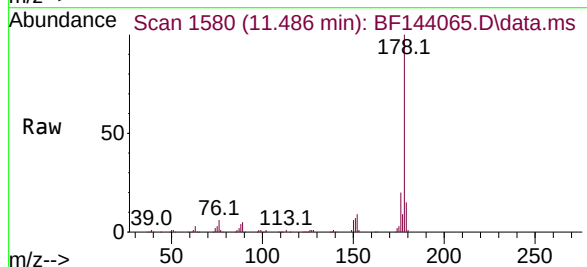
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

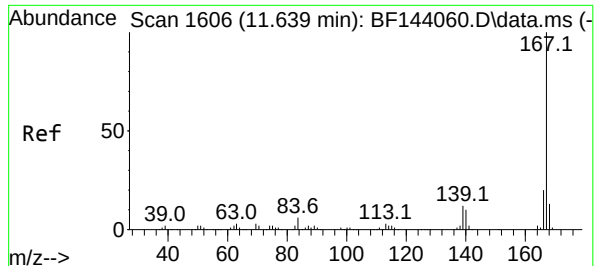
Tgt Ion:178 Resp: 228423
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.0 12.6 18.8



#72
Anthracene
Concen: 35.782 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:178 Resp: 233757
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 14.7 11.8 17.6

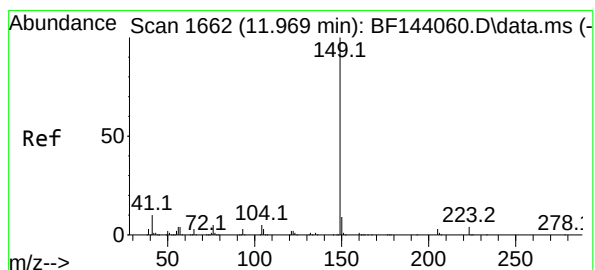
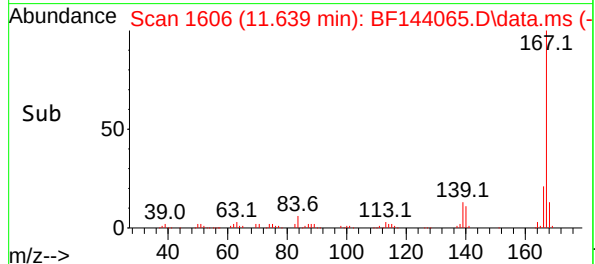
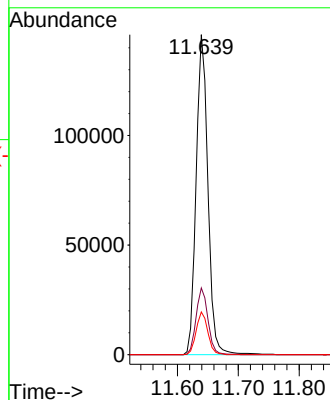
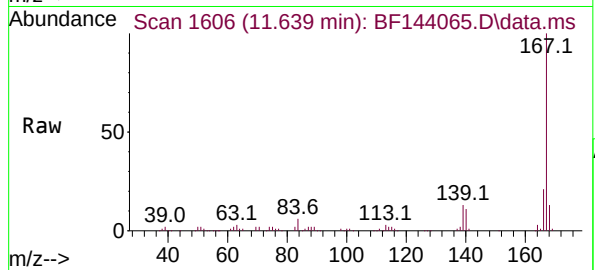




#73
Carbazole
Concen: 35.250 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

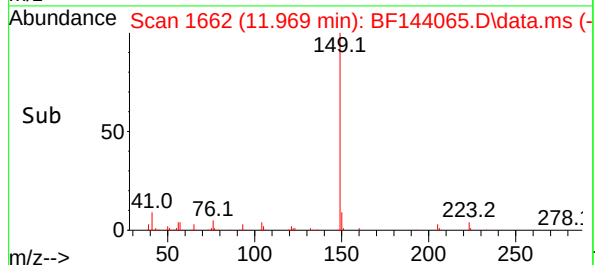
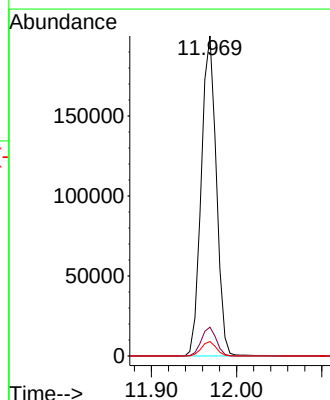
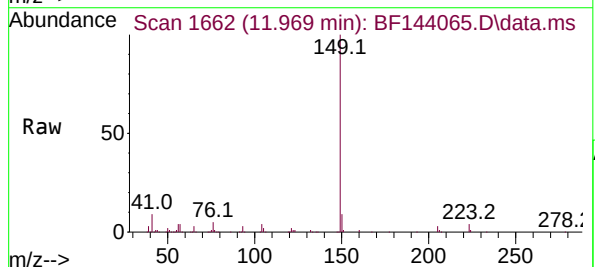
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

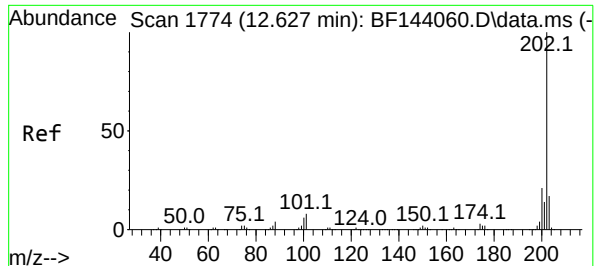
Tgt Ion:167 Resp: 196006
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 13.3 9.8 14.6



#74
Di-n-butylphthalate
Concen: 35.967 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 245199
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.5 3.6 5.4

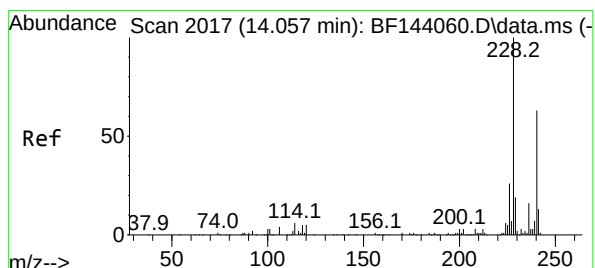
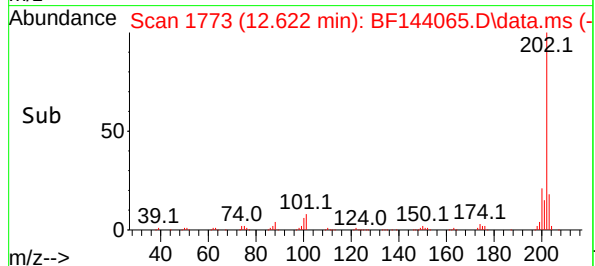
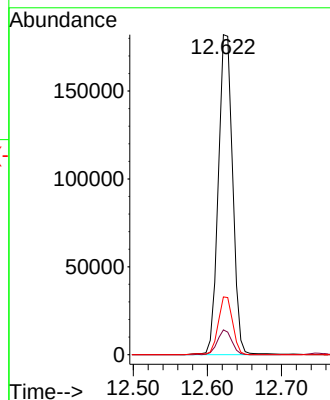
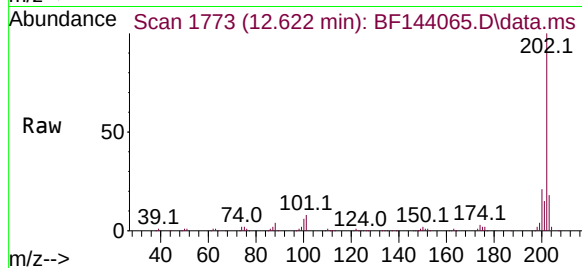




#75
Fluoranthene
Concen: 34.929 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

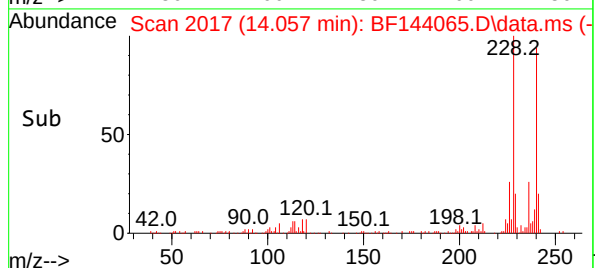
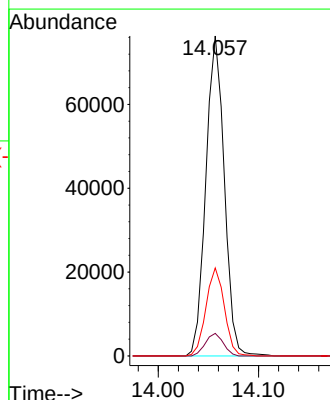
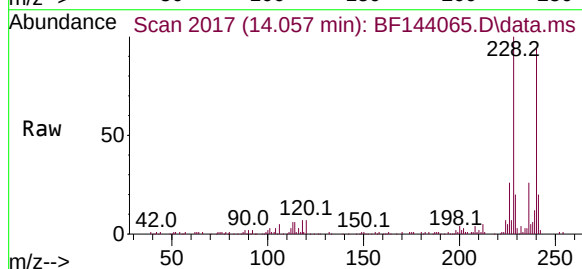
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

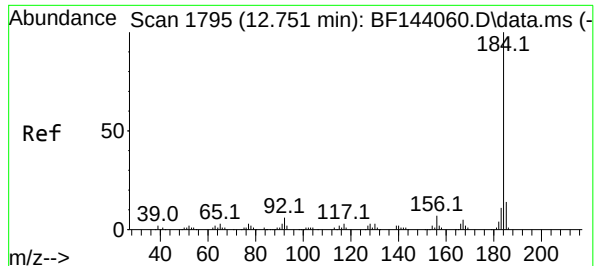
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	18.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.5	9.7
236	27.5	20.1	30.1





#77

Benzidine

Concen: 48.386 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

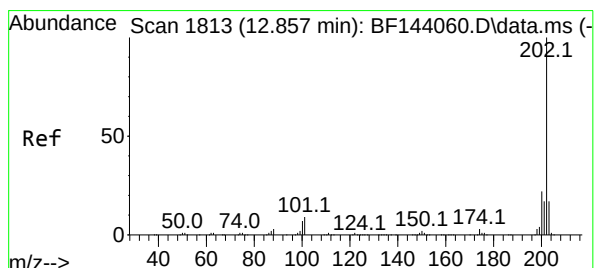
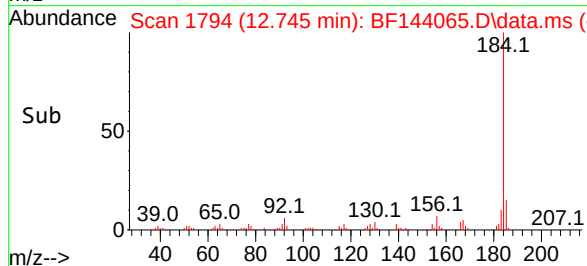
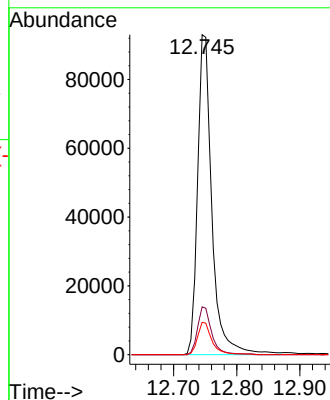
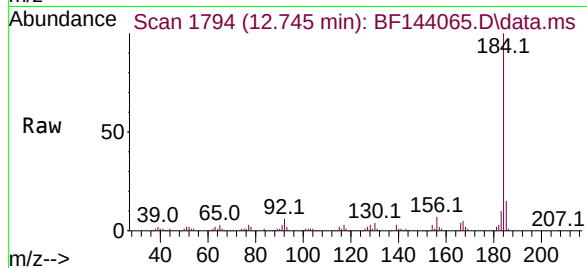
Tgt Ion:184 Resp: 146518

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.1 8.5 12.7



#78

Pyrene

Concen: 35.297 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

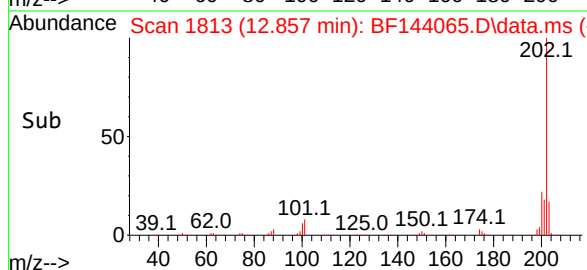
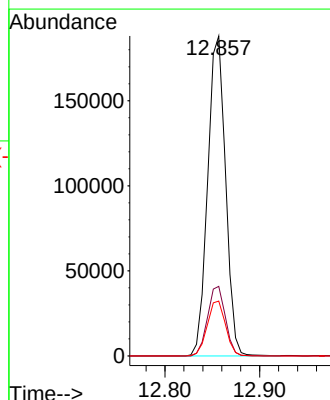
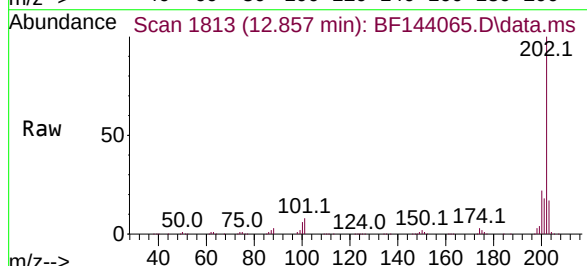
Tgt Ion:202 Resp: 246902

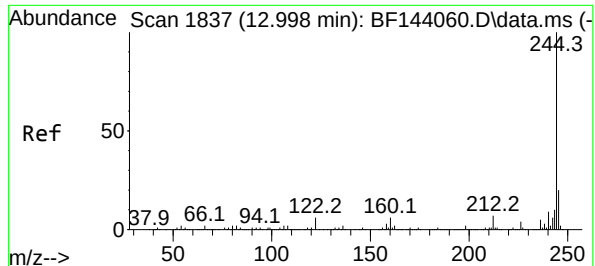
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 73.542 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

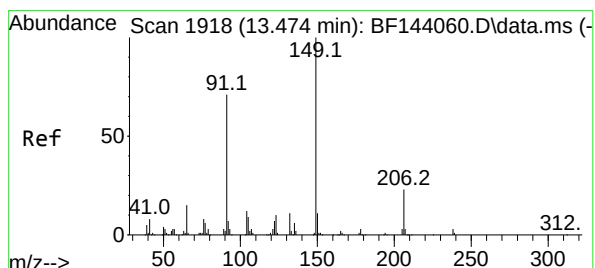
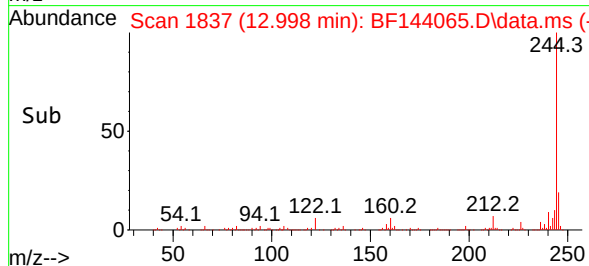
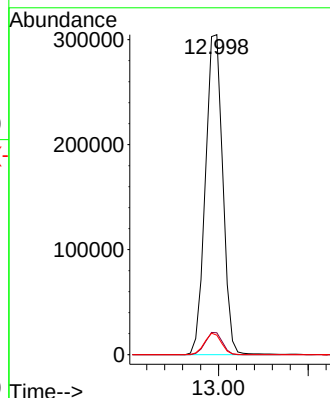
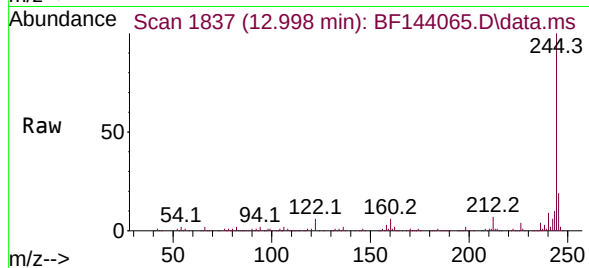
Tgt Ion:244 Resp: 409300

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 35.741 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

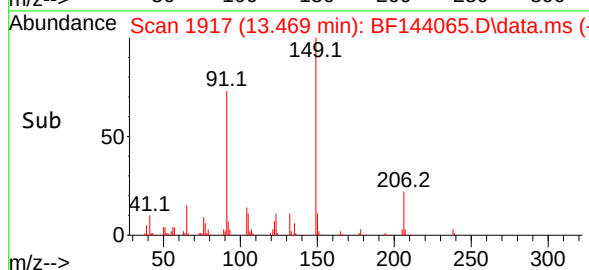
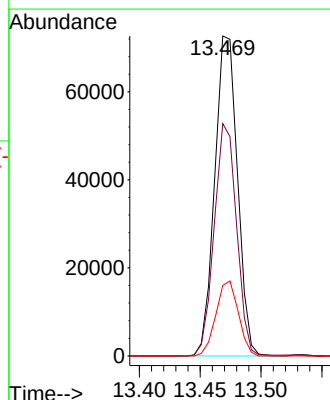
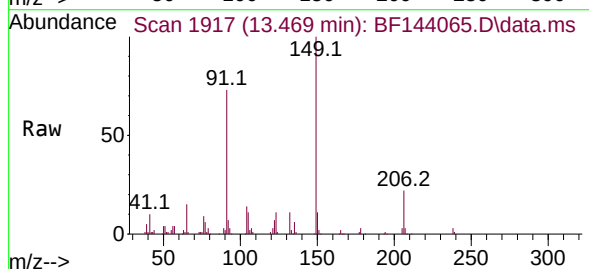
Tgt Ion:149 Resp: 94583

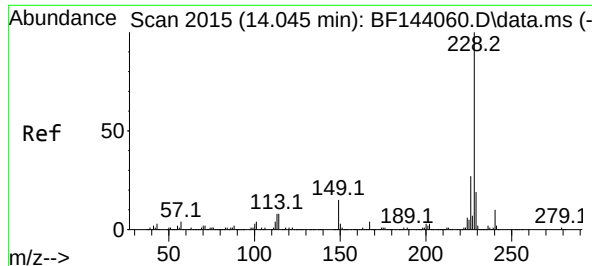
Ion Ratio Lower Upper

149 100

91 72.6 56.6 84.8

206 22.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 35.620 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

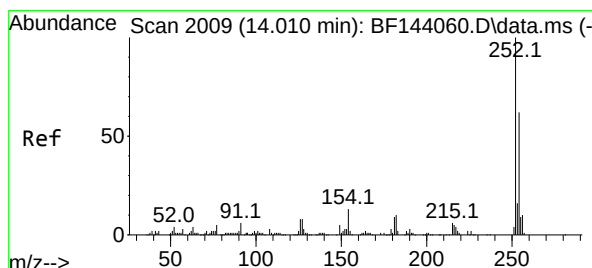
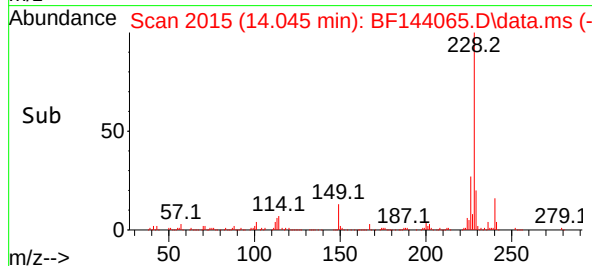
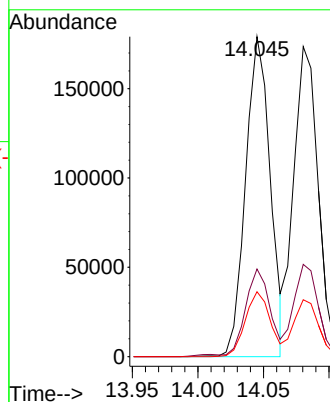
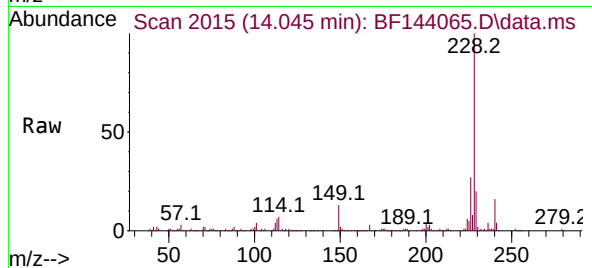
Tgt Ion:228 Resp: 234218

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.3 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.643 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

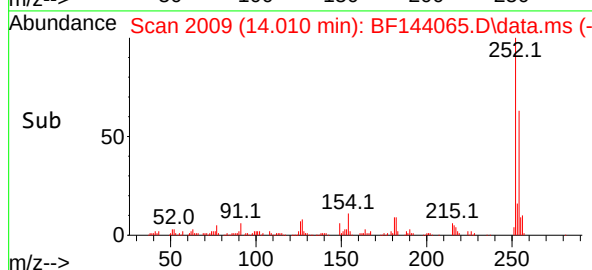
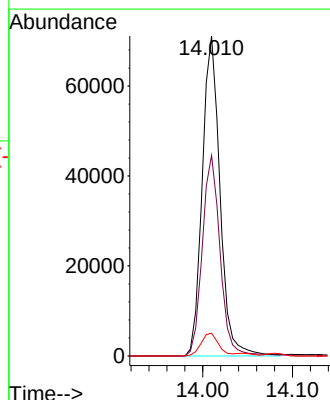
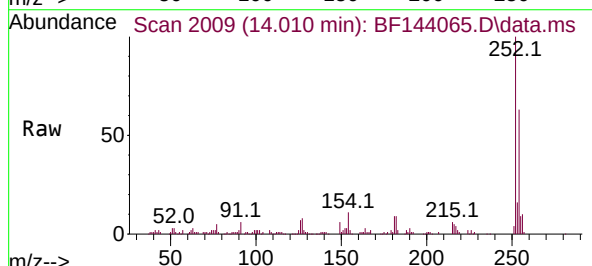
Tgt Ion:252 Resp: 97608

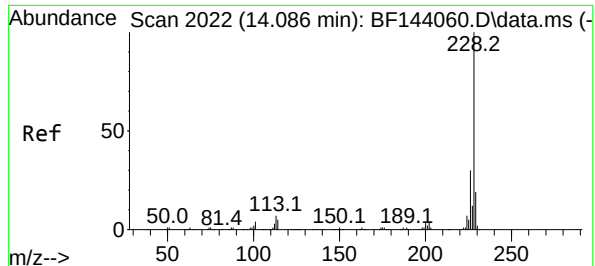
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

126 7.1 6.5 9.7





#83

Chrysene

Concen: 36.371 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

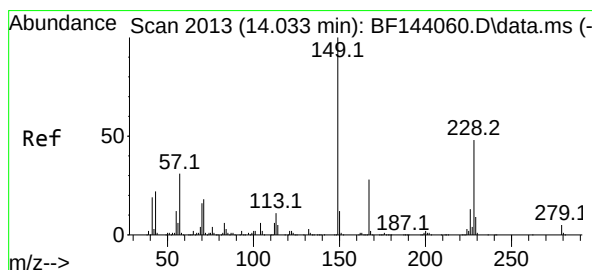
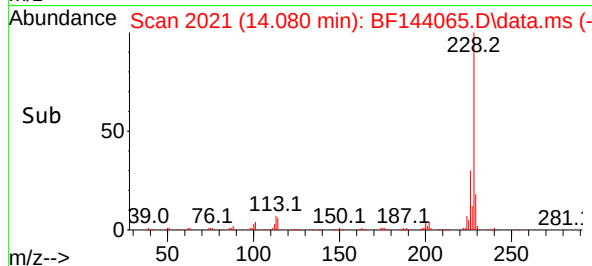
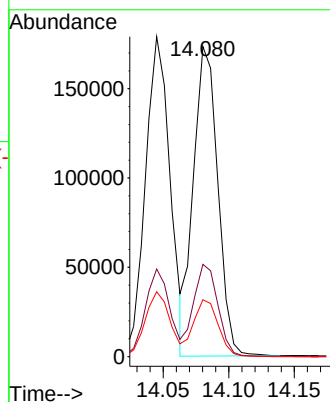
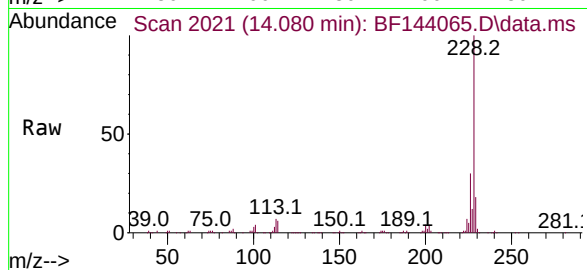
Tgt Ion:228 Resp: 224422

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 18.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.110 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

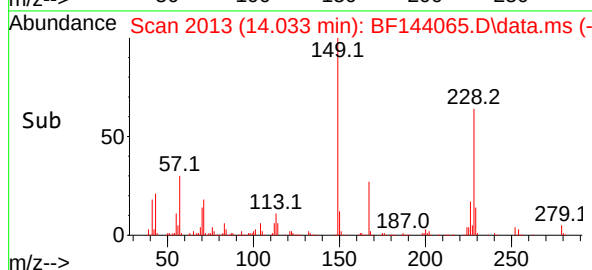
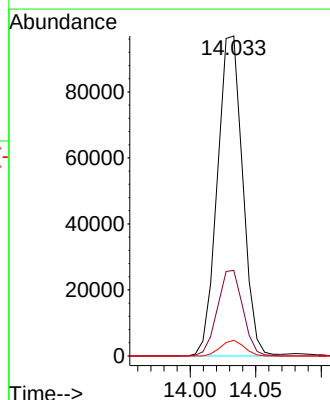
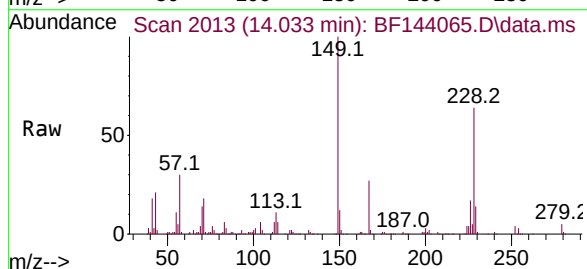
Tgt Ion:149 Resp: 130456

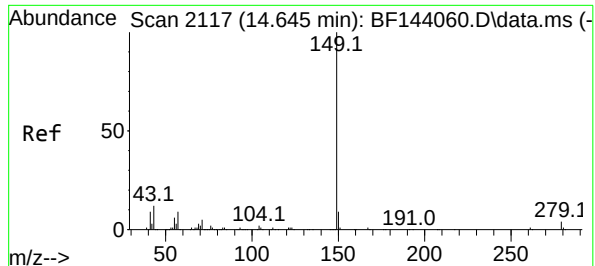
Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.9 3.6 5.4

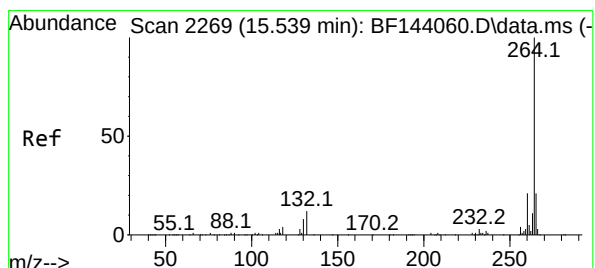
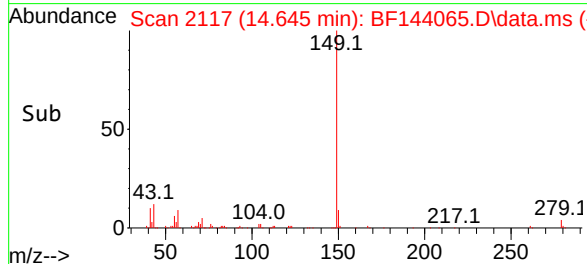
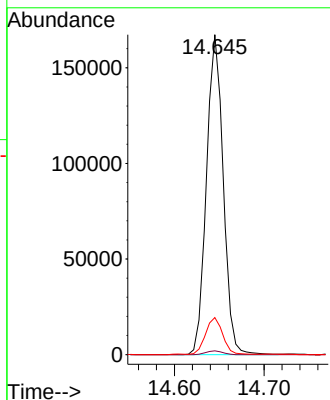
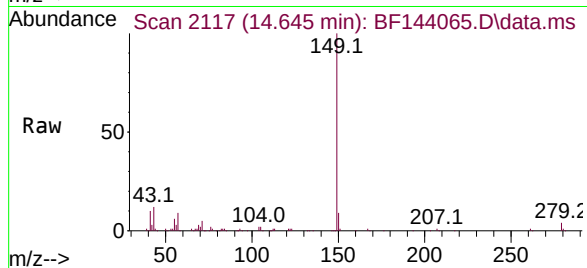




#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

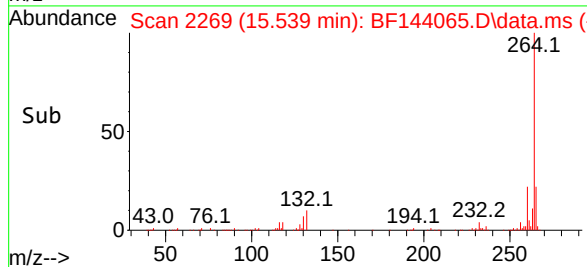
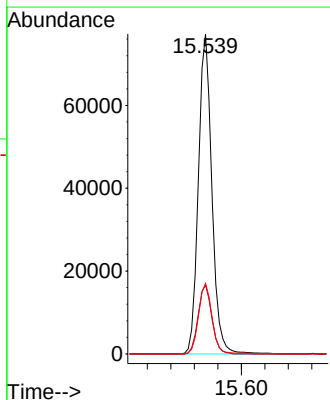
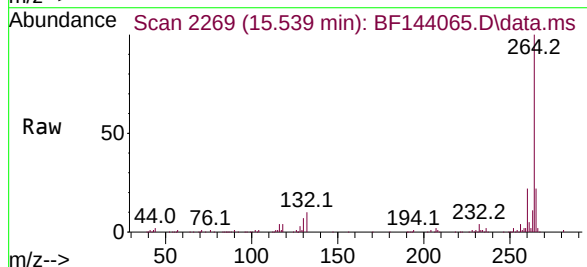
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

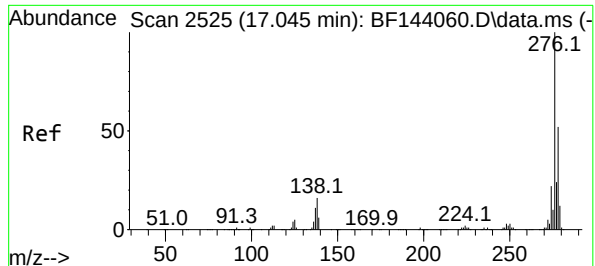
Tgt Ion:149 Resp: 218335
Ion Ratio Lower Upper
149 100
167 1.2 1.2 1.8#
43 12.0 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:264 Resp: 122912
Ion Ratio Lower Upper
264 100
260 21.5 17.0 25.4
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.856 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

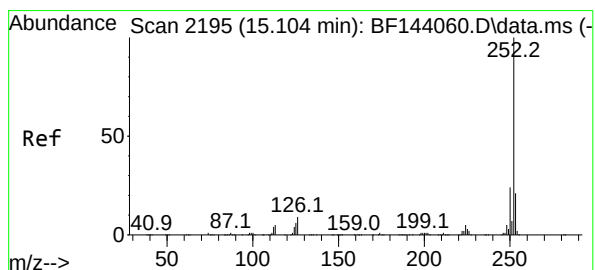
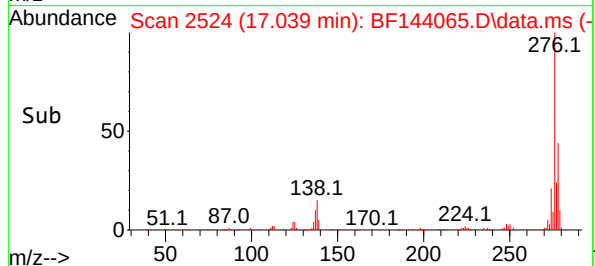
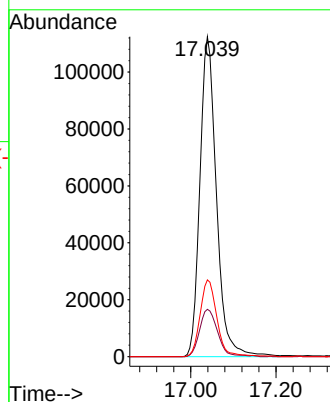
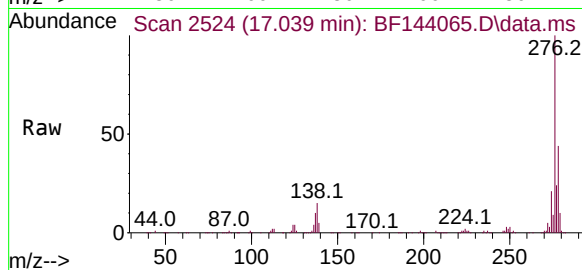
Tgt Ion:276 Resp: 302575

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 33.715 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

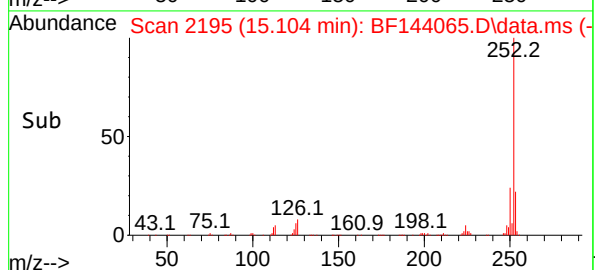
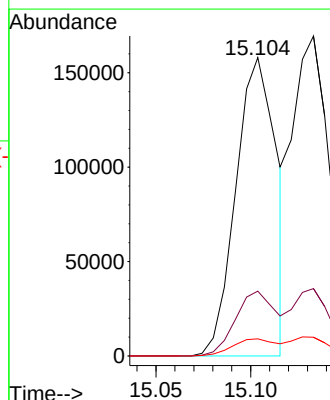
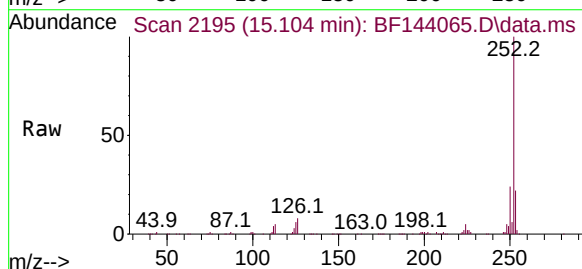
Tgt Ion:252 Resp: 234274

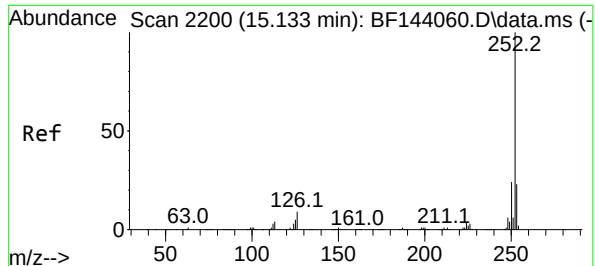
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 5.7 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 37.516 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

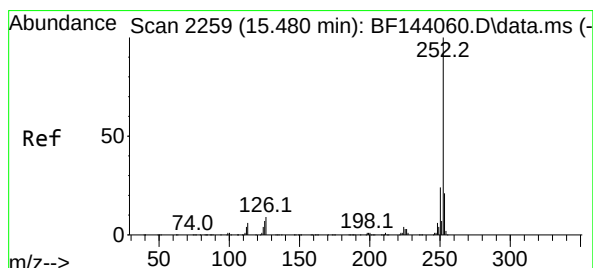
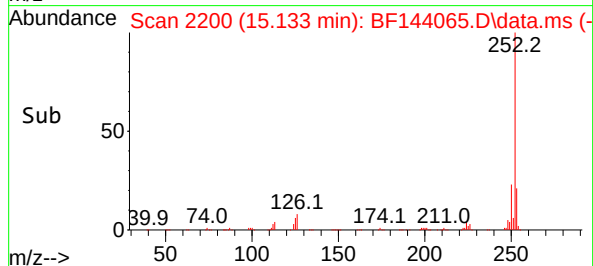
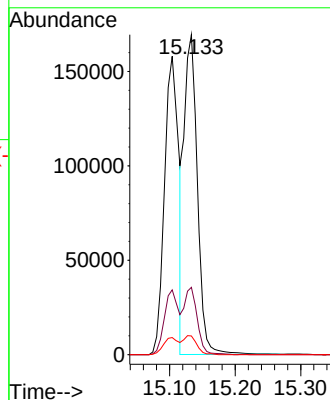
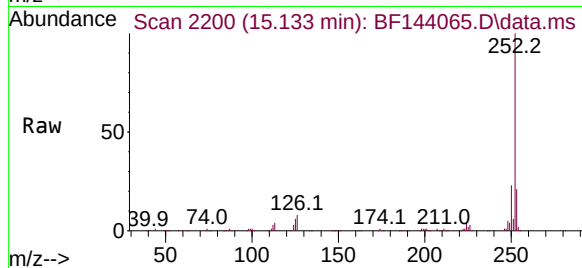
Tgt Ion:252 Resp: 240517

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 36.773 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

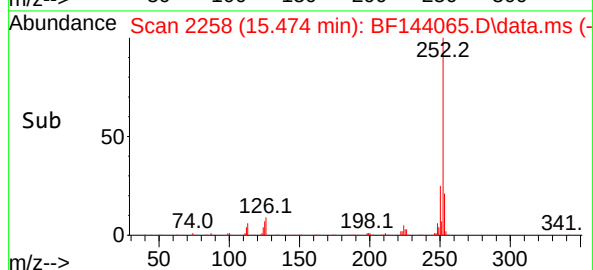
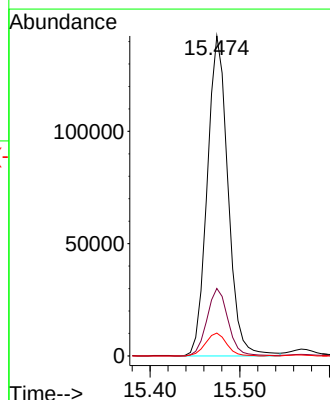
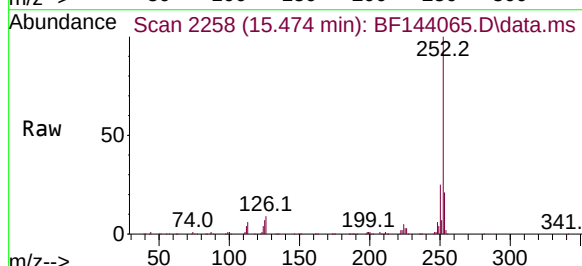
Tgt Ion:252 Resp: 229237

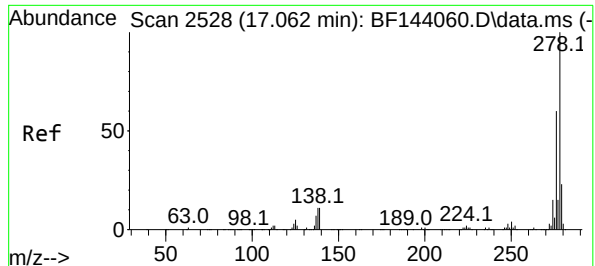
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 7.1 5.4 8.2

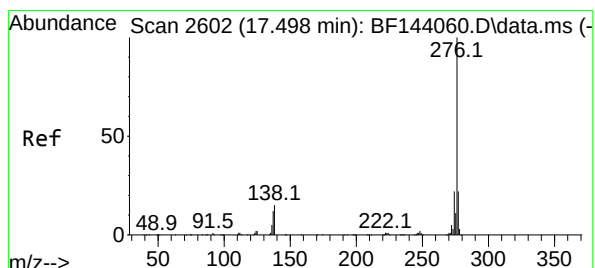
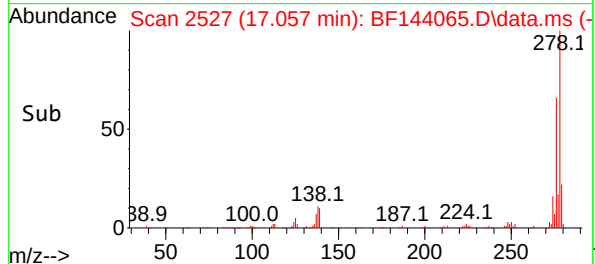
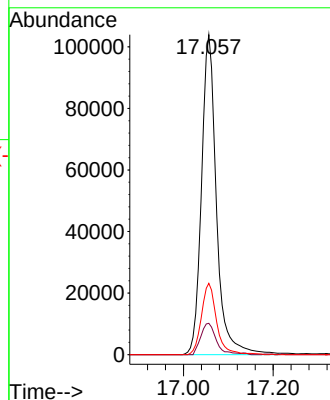
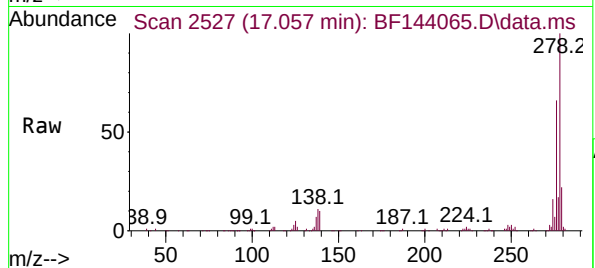




#91
Dibenzo(a,h)anthracene
Concen: 36.012 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

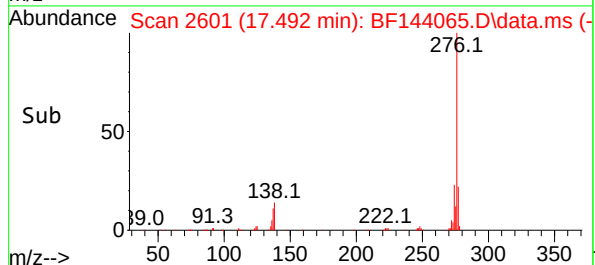
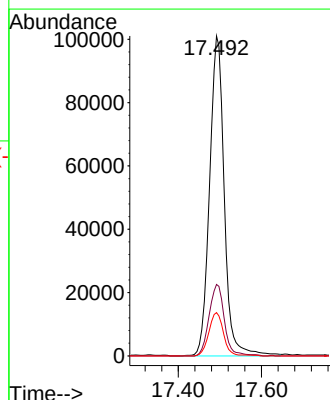
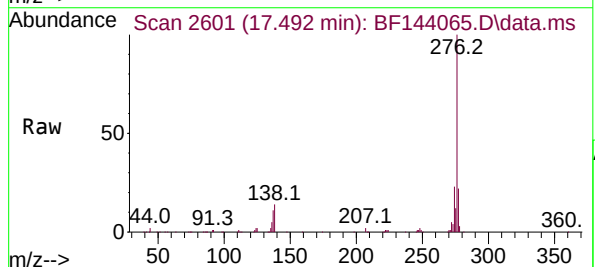
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion:278 Resp: 240551
Ion Ratio Lower Upper
278 100
139 9.8 8.5 12.7
279 22.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.942 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:276 Resp: 248094
Ion Ratio Lower Upper
276 100
277 22.3 17.9 26.9
138 13.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	80	0.00
2	1,4-Dioxane	40.000	35.621	10.9	71	0.00
3	Pyridine	40.000	32.576	18.6	63	0.00
4	n-Nitrosodimethylamine	40.000	36.893	7.8	73	0.00
5 S	2-Fluorophenol	80.000	70.283	12.1	68	0.00
6	Aniline	40.000	36.320	9.2	72	0.00
7 S	Phenol-d6	80.000	68.955	13.8	69	0.00
8	2-Chlorophenol	40.000	33.579	16.1	67	0.00
9	Benzaldehyde	40.000	34.852	12.9	73	0.00
10 C	Phenol	40.000	34.853	12.9	69	0.00
11	bis(2-Chloroethyl)ether	40.000	33.851	15.4	68	0.00
12	1,3-Dichlorobenzene	40.000	36.971	7.6	73	0.00
13 C	1,4-Dichlorobenzene	40.000	37.183	7.0	73	0.00
14	1,2-Dichlorobenzene	40.000	35.872	10.3	71	0.00
15	Benzyl Alcohol	40.000	36.330	9.2	72	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	34.517	13.7	68	0.00
17	2-Methylphenol	40.000	35.152	12.1	73	0.00
18	Hexachloroethane	40.000	34.696	13.3	69	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	35.002	12.5	72	0.00
20	3+4-Methylphenols	40.000	36.095	9.8	70	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	78	0.00
22	Acetophenone	40.000	38.453	3.9	74	0.00
23 S	Nitrobenzene-d5	80.000	70.696	11.6	68	0.00
24	Nitrobenzene	40.000	36.753	8.1	70	0.00
25	Isophorone	40.000	36.322	9.2	70	0.00
26 C	2-Nitrophenol	40.000	36.360	9.1	68	0.00
27	2,4-Dimethylphenol	40.000	39.405	1.5	73	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.182	12.0	67	0.00
29 C	2,4-Dichlorophenol	40.000	35.901	10.2	69	0.00
30	1,2,4-Trichlorobenzene	40.000	38.739	3.2	74	0.00
31	Naphthalene	40.000	35.834	10.4	68	0.00
32	Benzoic acid	40.000	44.054	-10.1	102	0.00
33	4-Chloroaniline	40.000	41.428	-3.6	79	0.00
34 C	Hexachlorobutadiene	40.000	38.260	4.4	74	0.00
35	Caprolactam	40.000	35.331	11.7	65	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.112	9.7	70	0.00
37	2-Methylnaphthalene	40.000	33.233	16.9	62	0.00
38	1-Methylnaphthalene	40.000	35.945	10.1	70	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	35.121	12.2	71	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.585	-21.5	99	0.00
42 S	2,4,6-Tribromophenol	80.000	68.551	14.3	69	0.00
43 C	2,4,6-Trichlorophenol	40.000	33.986	15.0	67	0.00
44	2,4,5-Trichlorophenol	40.000	36.018	10.0	75	0.00
45 S	2-Fluorobiphenyl	80.000	67.717	15.4	69	0.00
46	1,1'-Biphenyl	40.000	35.345	11.6	71	0.00
47	2-Chloronaphthalene	40.000	34.908	12.7	71	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	36.621	8.4	71	0.00
49	Acenaphthylene	40.000	39.474	1.3	78	0.00
50	Dimethylphthalate	40.000	34.098	14.8	68	0.00
51	2,6-Dinitrotoluene	40.000	35.461	11.3	69	0.00
52 C	Acenaphthene	40.000	35.145	12.1	71	0.00
53	3-Nitroaniline	40.000	35.804	10.5	67	0.00
54 P	2,4-Dinitrophenol	40.000	41.102	-2.8	97	0.00
55	Dibenzofuran	40.000	34.140	14.6	68	0.00
56 P	4-Nitrophenol	40.000	38.254	4.4	83	0.00
57	2,4-Dinitrotoluene	40.000	37.002	7.5	70	0.00
58	Fluorene	40.000	34.864	12.8	70	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.232	1.9	75	0.00
60	Diethylphthalate	40.000	35.442	11.4	70	0.00
61	4-Chlorophenyl-phenylether	40.000	35.479	11.3	70	0.00
62	4-Nitroaniline	40.000	33.756	15.6	65	0.00
63	Azobenzene	40.000	36.422	8.9	71	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.867	5.3	79	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.075	9.8	72	0.00
67	4-Bromophenyl-phenylether	40.000	35.313	11.7	68	0.00
68	Hexachlorobenzene	40.000	35.903	10.2	68	0.00
69	Atrazine	40.000	36.643	8.4	74	0.00
70 C	Pentachlorophenol	40.000	33.237	16.9	65	0.00
71	Phenanthrene	40.000	36.120	9.7	70	0.00
72	Anthracene	40.000	35.782	10.5	70	0.00
73	Carbazole	40.000	35.250	11.9	68	0.00
74	Di-n-butylphthalate	40.000	35.967	10.1	69	0.00
75 C	Fluoranthene	40.000	34.929	12.7	68	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77	Benzidine	40.000	48.386	-21.0	89	0.00
78	Pyrene	40.000	35.297	11.8	66	0.00
79 S	Terphenyl-d14	80.000	73.542	8.1	68	0.00
80	Butylbenzylphthalate	40.000	35.741	10.6	64	0.00
81	Benzo(a)anthracene	40.000	35.620	11.0	62	0.00
82	3,3'-Dichlorobenzidine	40.000	42.643	-6.6	77	0.00
83	Chrysene	40.000	36.371	9.1	69	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.110	9.7	66	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	63	0.00
86 I	Perylene-d12	20.000	20.000	0.0	80	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	35.856	10.4	67	0.00
88	Benzo(b)fluoranthene	40.000	33.715	15.7	61	0.00
89	Benzo(k)fluoranthene	40.000	37.516	6.2	74	0.00
90 C	Benzo(a)pyrene	40.000	36.773	8.1	69	0.00
91	Dibenzo(a,h)anthracene	40.000	36.012	10.0	67	0.00
92	Benzo(g,h,i)perylene	40.000	36.942	7.6	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
2	1,4-Dioxane	0.546	0.486	11.0	71	0.00
3	Pyridine	1.462	1.191	18.5	63	0.00
4	n-Nitrosodimethylamine	0.899	0.829	7.8	73	0.00
5 S	2-Fluorophenol	1.264	1.111	12.1	68	0.00
6	Aniline	1.997	1.814	9.2	72	0.00
7 S	Phenol-d6	1.396	1.203	13.8	69	0.00
8	2-Chlorophenol	1.245	1.045	16.1	67	0.00
9	Benzaldehyde	1.084	0.944	12.9	73	0.00
10 C	Phenol	1.722	1.501	12.8	69	0.00
11	bis(2-Chloroethyl)ether	1.245	1.053	15.4	68	0.00
12	1,3-Dichlorobenzene	1.536	1.419	7.6	73	0.00
13 C	1,4-Dichlorobenzene	1.513	1.407	7.0	73	0.00
14	1,2-Dichlorobenzene	1.464	1.313	10.3	71	0.00
15	Benzyl Alcohol	1.135	1.031	9.2	72	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.018	13.7	68	0.00
17	2-Methylphenol	0.957	0.841	12.1	73	0.00
18	Hexachloroethane	0.541	0.469	13.3	69	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	0.790	12.5	72	0.00
20	3+4-Methylphenols	1.132	1.021	9.8	70	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	78	0.00
22	Acetophenone	0.432	0.416	3.7	74	0.00
23 S	Nitrobenzene-d5	0.365	0.323	11.5	68	0.00
24	Nitrobenzene	0.386	0.355	8.0	70	0.00
25	Isophorone	0.638	0.580	9.1	70	0.00
26 C	2-Nitrophenol	0.184	0.167	9.2	68	0.00
27	2,4-Dimethylphenol	0.273	0.269	1.5	73	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.350	12.1	67	0.00
29 C	2,4-Dichlorophenol	0.317	0.285	10.1	69	0.00
30	1,2,4-Trichlorobenzene	0.327	0.316	3.4	74	0.00
31	Naphthalene	0.944	0.846	10.4	68	0.00
32	Benzoic acid	0.173	0.191	-10.4	102	0.00
33	4-Chloroaniline	0.329	0.340	-3.3	79	0.00
34 C	Hexachlorobutadiene	0.267	0.255	4.5	74	0.00
35	Caprolactam	0.080	0.070	12.5	65	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.253	9.6	70	0.00
37	2-Methylnaphthalene	0.622	0.517	16.9	62	0.00
38	1-Methylnaphthalene	0.590	0.530	10.2	70	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.604	12.1	71	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.258	-21.7	99	0.00
42 S	2,4,6-Tribromophenol	0.255	0.218	14.5	69	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.380	15.0	67	0.00
44	2,4,5-Trichlorophenol	0.469	0.422	10.0	75	0.00
45 S	2-Fluorobiphenyl	1.421	1.203	15.3	69	0.00
46	1,1'-Biphenyl	1.432	1.265	11.7	71	0.00
47	2-Chloronaphthalene	1.199	1.047	12.7	71	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.356	0.326	8.4	71	0.00
49	Acenaphthylene	1.617	1.596	1.3	78	0.00
50	Dimethylphthalate	1.311	1.118	14.7	68	0.00
51	2,6-Dinitrotoluene	0.259	0.230	11.2	69	0.00
52 C	Acenaphthene	1.080	0.949	12.1	71	0.00
53	3-Nitroaniline	0.288	0.258	10.4	67	0.00
54 P	2,4-Dinitrophenol	0.140	0.144	-2.9	97	0.00
55	Dibenzofuran	1.499	1.280	14.6	68	0.00
56 P	4-Nitrophenol	0.195	0.187	4.1	83	0.00
57	2,4-Dinitrotoluene	0.350	0.324	7.4	70	0.00
58	Fluorene	1.143	0.996	12.9	70	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.324	1.8	75	0.00
60	Diethylphthalate	1.233	1.092	11.4	70	0.00
61	4-Chlorophenyl-phenylether	0.643	0.570	11.4	70	0.00
62	4-Nitroaniline	0.273	0.230	15.8	65	0.00
63	Azobenzene	1.167	1.062	9.0	71	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.121	5.5	79	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.576	9.9	72	0.00
67	4-Bromophenyl-phenylether	0.250	0.221	11.6	68	0.00
68	Hexachlorobenzene	0.307	0.276	10.1	68	0.00
69	Atrazine	0.210	0.192	8.6	74	0.00
70 C	Pentachlorophenol	0.146	0.121	17.1	65	0.00
71	Phenanthrene	0.994	0.897	9.8	70	0.00
72	Anthracene	1.026	0.918	10.5	70	0.00
73	Carbazole	0.874	0.770	11.9	68	0.00
74	Di-n-butylphthalate	1.071	0.963	10.1	69	0.00
75 C	Fluoranthene	1.098	0.958	12.8	68	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77	Benzidine	0.622	0.753	-21.1	89	0.00
78	Pyrene	1.438	1.269	11.8	66	0.00
79 S	Terphenyl-d14	1.144	1.052	8.0	68	0.00
80	Butylbenzylphthalate	0.544	0.486	10.7	64	0.00
81	Benzo(a)anthracene	1.352	1.204	10.9	62	0.00
82	3,3'-Dichlorobenzidine	0.470	0.502	-6.8	77	0.00
83	Chrysene	1.268	1.153	9.1	69	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.670	9.8	66	0.00
85 c	Di-n-octyl phthalate	1.277	1.122	12.1	63	0.00
86 I	Perylene-d12	1.000	1.000	0.0	80	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.231	10.3	67	0.00
88	Benzo(b)fluoranthene	1.131	0.953	15.7	61	0.00
89	Benzo(k)fluoranthene	1.043	0.978	6.2	74	0.00
90 C	Benzo(a)pyrene	1.014	0.933	8.0	69	0.00
91	Dibenzo(a,h)anthracene	1.087	0.979	9.9	67	0.00
92	Benzo(g,h,i)perylene	1.093	1.009	7.7	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Nov 03 18:16:26 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG064575.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3) Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4) n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5) S 2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6) Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7) S Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8) 2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9) Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10) C Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11) bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12) 1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13) C 1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14) 1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15) Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16) 2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17) 2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18) Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19) P n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20) 3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04

21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23) S Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24) Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25) Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26) C 2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27) 2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28) bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29) C 2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30) 1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31) Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32) Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33) 4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34) C Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35) Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36) C 4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37) 2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38) 1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41) P	Hexachlorocycl...	0.268	0.279	0.324	0.297	0.340	0.305	0.302		8.97
42) S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43) C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)	2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45) S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)	1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)	2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)	2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)	Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)	Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)	2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52) C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)	3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54) P	2,4-Dinitrophenol	0.086	0.110	0.137	0.139	0.165	0.154	0.132		22.11
55)	Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56) P	4-Nitrophenol	0.191	0.213	0.261	0.250	0.283	0.267	0.244		14.40
57)	2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)	Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)	2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)	Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)	4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)	4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)	Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.055	0.064	0.083	0.083	0.097	0.093	0.079		21.00
66) c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)	4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)	Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)	Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70) C	Pentachlorophenol	0.132	0.152	0.180	0.172	0.199	0.177	0.169		13.91
71)	Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)	Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)	Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)	Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75) C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.392	0.475	0.490	0.416	0.533	0.383	0.448		13.40
78)	Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79) S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)	Butylbenzylphth...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)	Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)	3,3'-Dichlorob...	0.418	0.428	0.477	0.424	0.486	0.424	0.443		6.88
83)	Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)	Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85) c	Di-n-octyl pht...	0.871	0.932	1.087	0.976	1.117	0.986	0.995		9.32

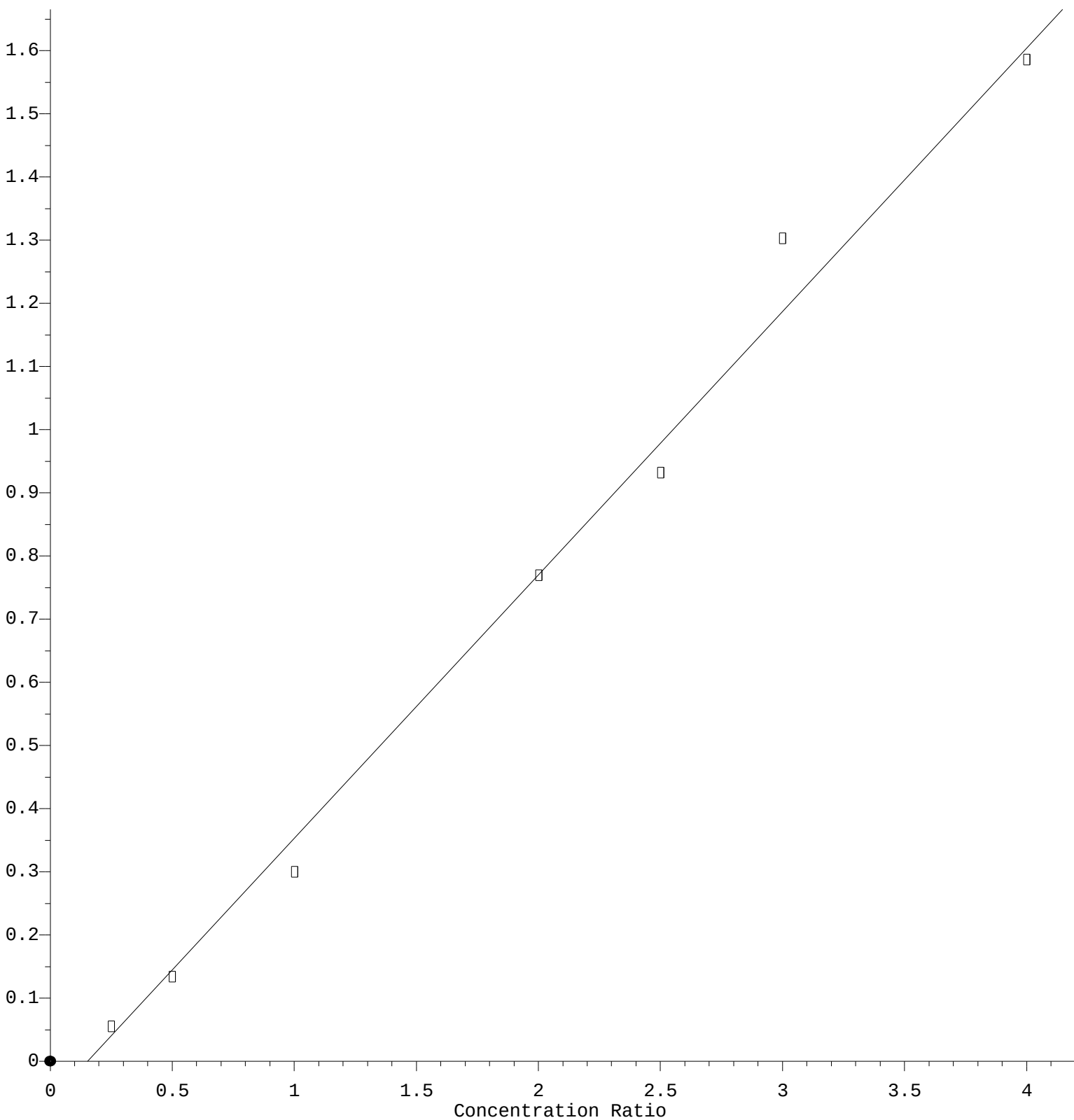
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)	Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)	Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90) C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)	Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)	Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = Out of Range

2,4-Dinitrotoluene

Response Ratio



$$\text{Response} = 4.169\text{e-}001 * \text{Amt} - 6.360\text{e-}002$$

Coef of Det (r^2) = 0.992833 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 03 17:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

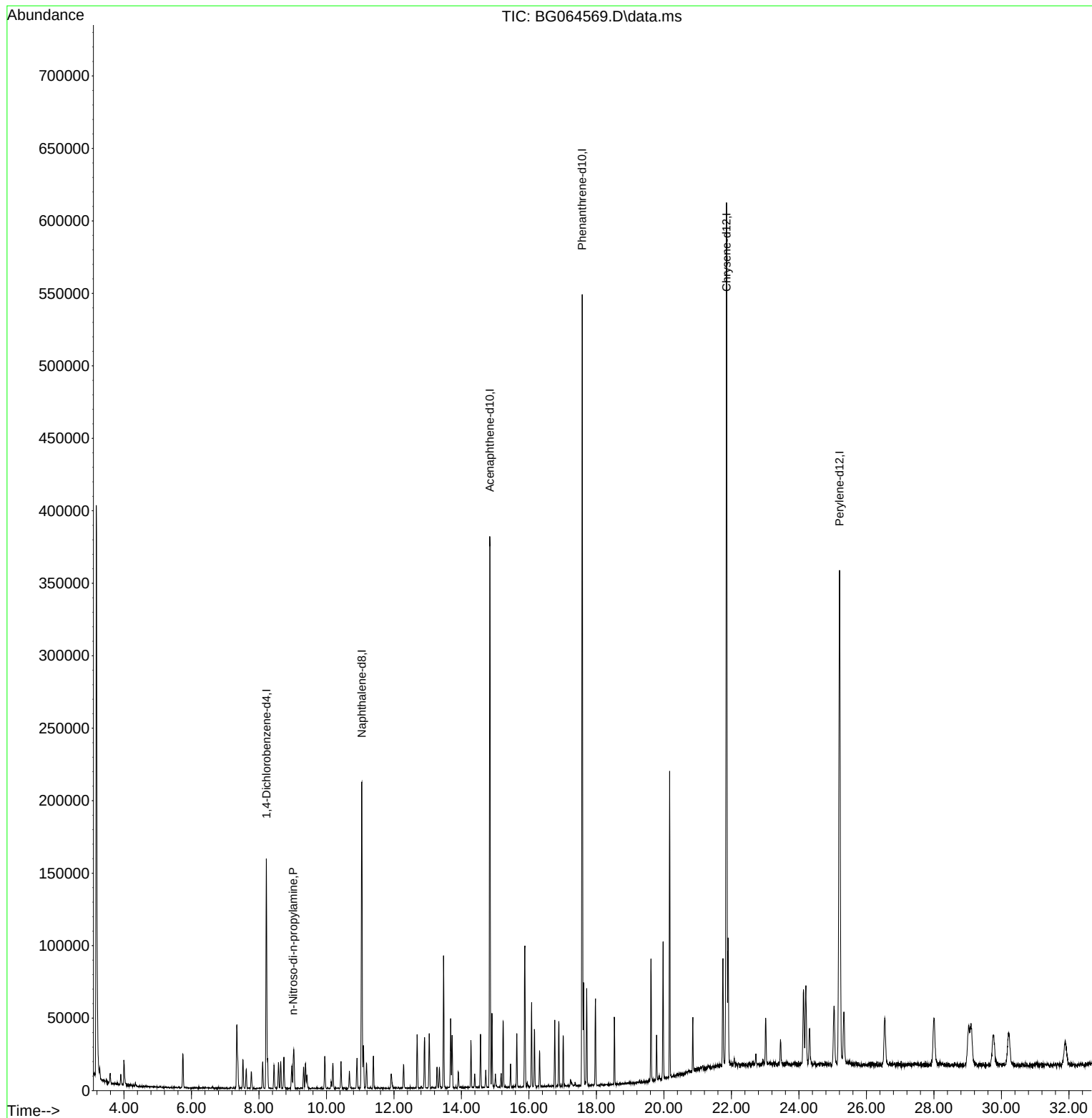
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	43718	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	136814	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	341404	20.000	ng	0.00
76) Chrysene-d12	21.854	240	378586	20.000	ng	0.00
86) Perylene-d12	25.203	264	398350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.016	70	5707	2.310	ng	# 90

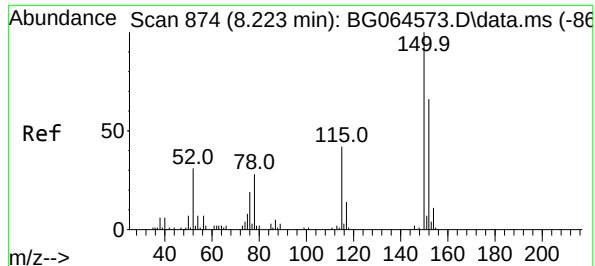
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

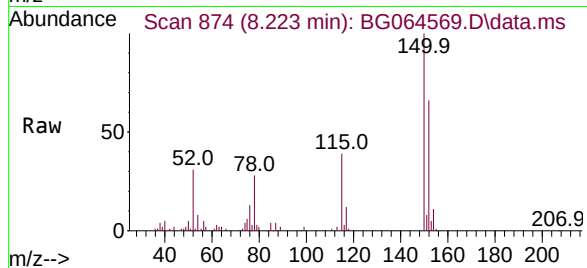
Quant Time: Nov 03 17:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration



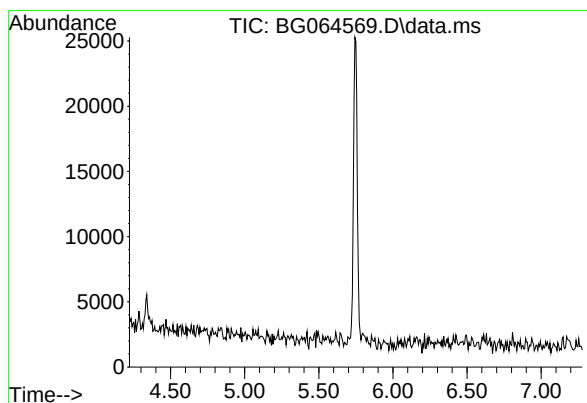
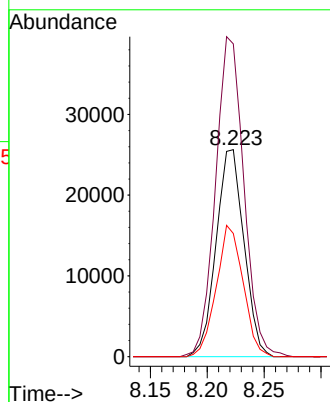
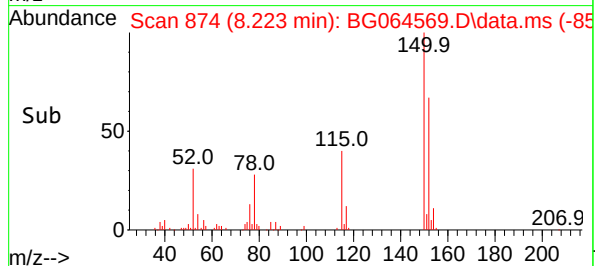


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



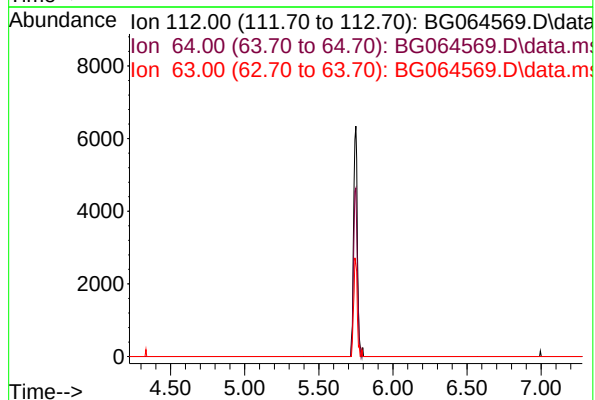
Tgt Ion:152 Resp: 43718
Ion Ratio Lower Upper
152 100
150 151.2 122.2 183.4
115 59.5 50.8 76.2



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.75 min

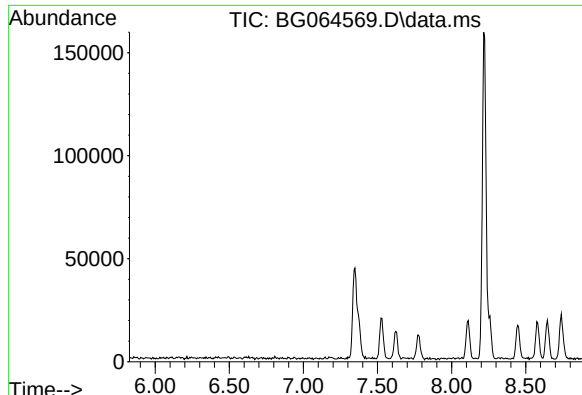
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 112
Sig Exp Ratio
112 100
64 75.9
63 41.7



Ion 64.00 (63.70 to 64.70): BG064569.D\data.ms

Ion 63.00 (62.70 to 63.70): BG064569.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.35 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

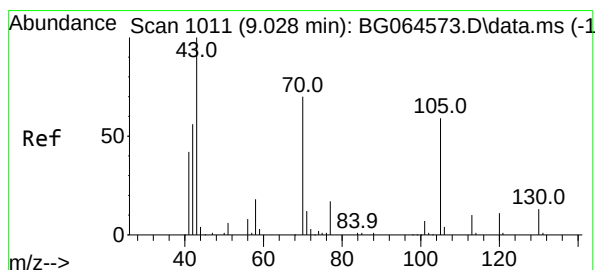
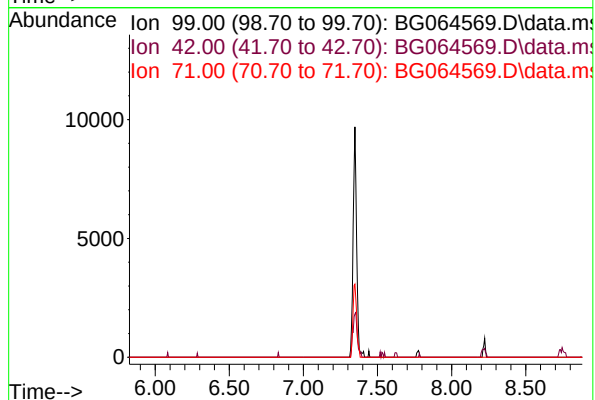
Tgt Ion: 99

Sig Exp Ratio

99 100

42 22.9

71 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.310 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Tgt Ion: 70 Resp: 5707

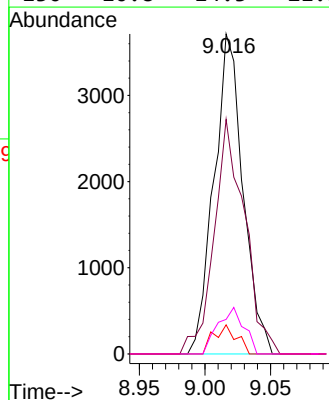
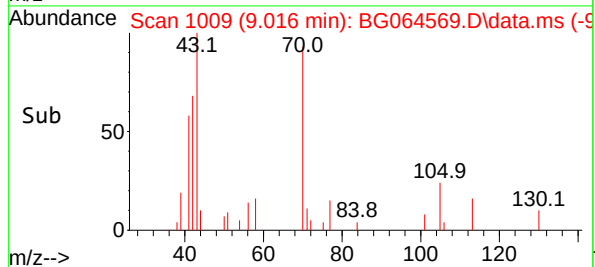
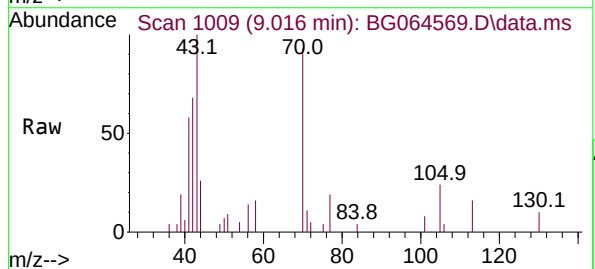
Ion Ratio Lower Upper

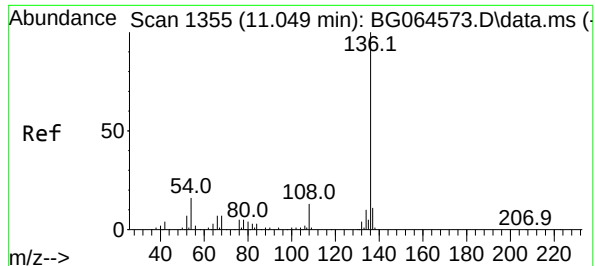
70 100

42 73.3 65.2 97.8

101 9.1 7.9 11.9

130 10.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.049 min Scan# 1355

Delta R.T. -0.000 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 174680

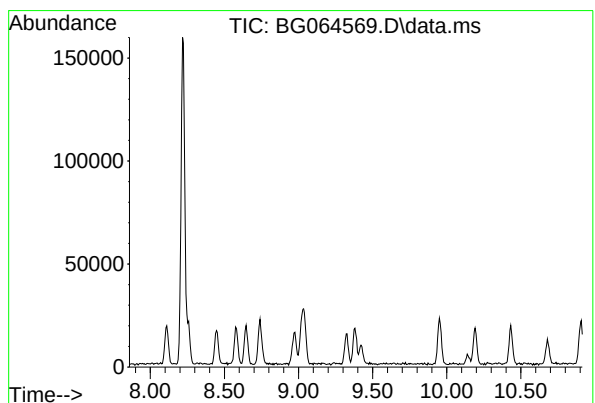
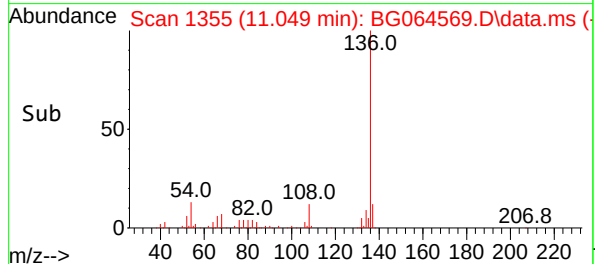
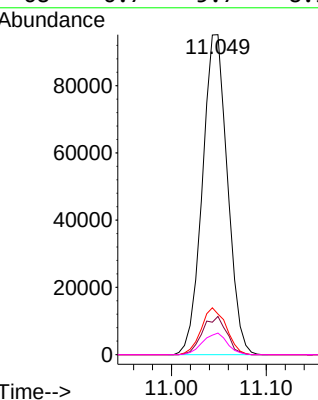
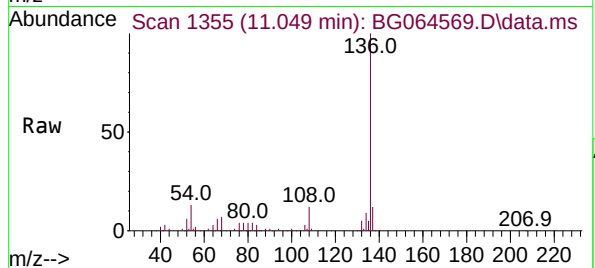
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 12.7 12.6 19.0

68 6.7 5.7 8.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.39 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

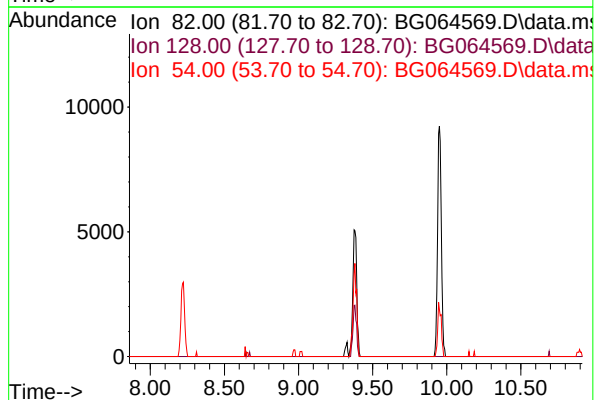
Tgt Ion: 82

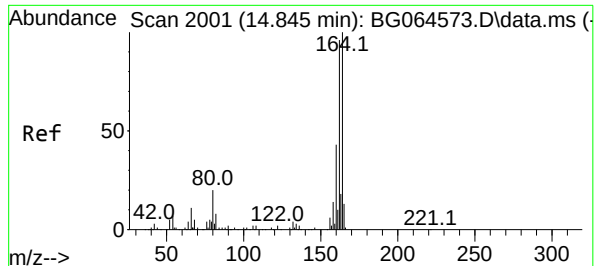
Sig Exp Ratio

82 100

128 39.1

54 70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

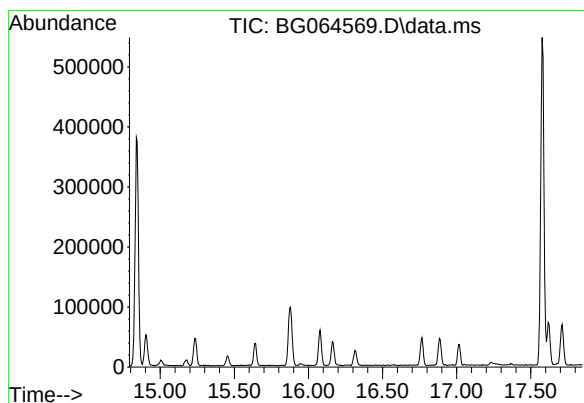
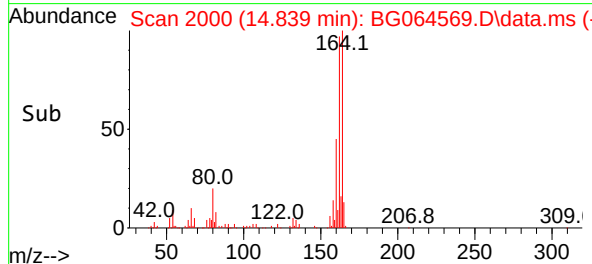
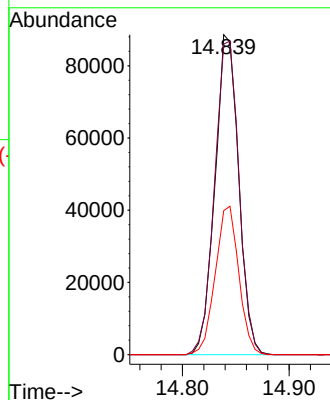
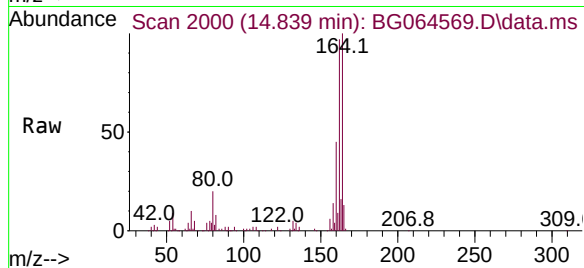
Tgt Ion:164 Resp: 136814

Ion Ratio Lower Upper

164 100

162 97.0 77.0 115.6

160 45.0 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.32 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

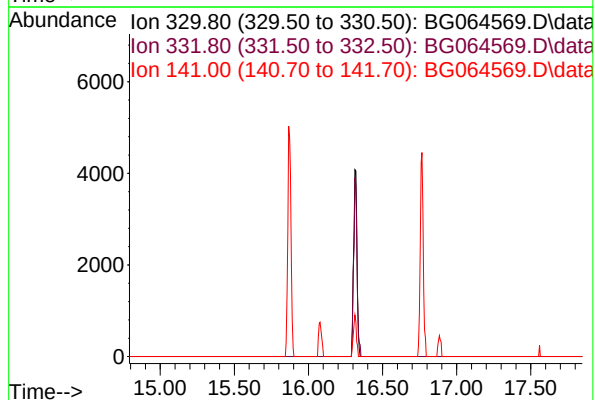
Tgt Ion: 330

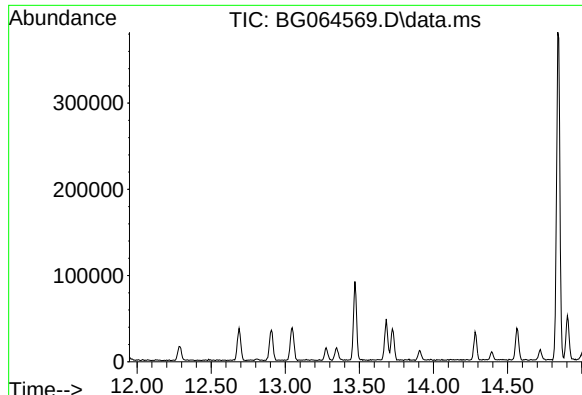
Sig Exp Ratio

330 100

332 97.5

141 27.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.48 min

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

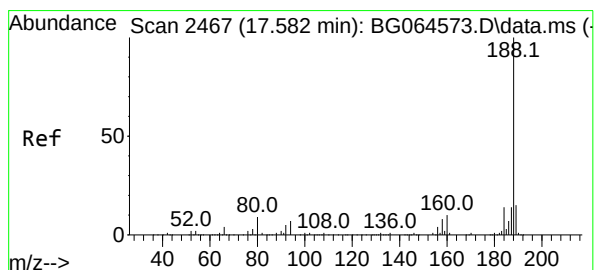
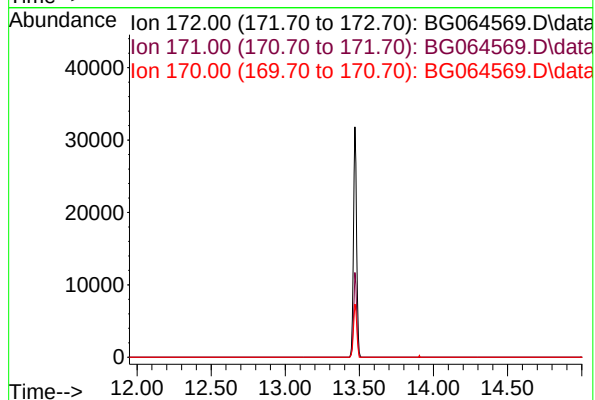
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.7

170 23.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.577 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

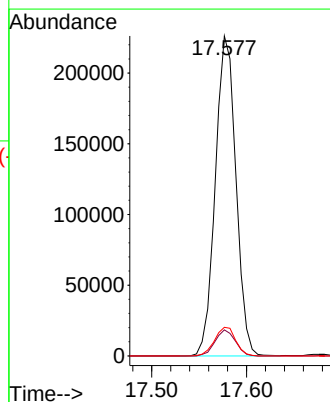
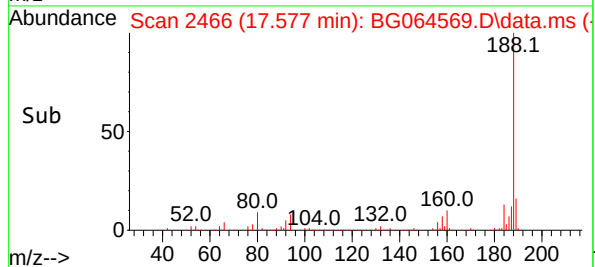
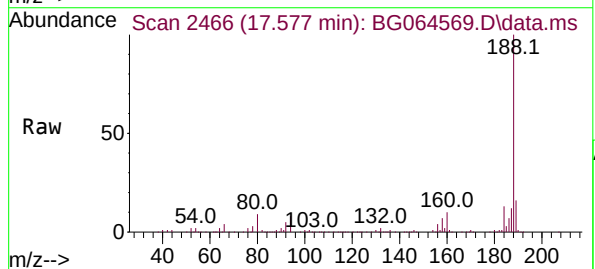
Tgt Ion: 188 Resp: 341404

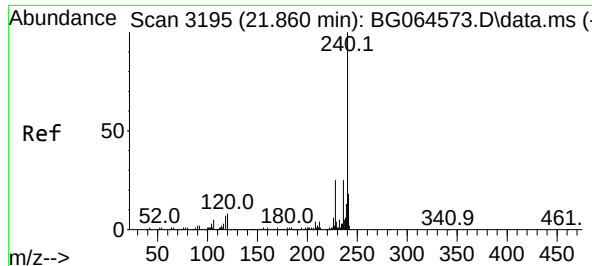
Ion Ratio Lower Upper

188 100

94 8.1 5.7 8.5

80 8.9 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.854 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

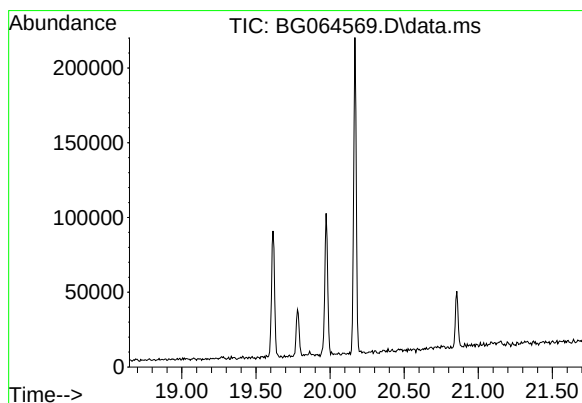
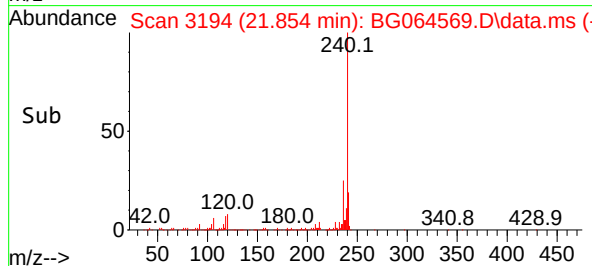
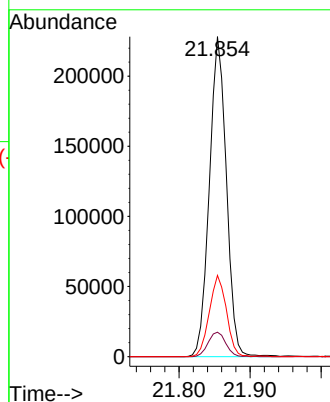
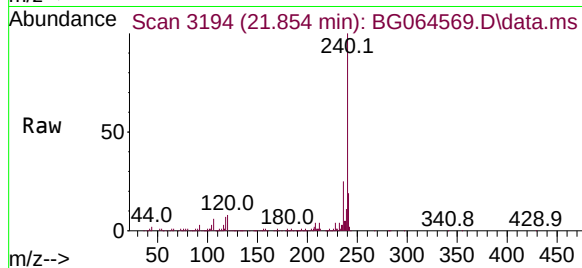
Tgt Ion:240 Resp: 378586

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 20.17 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

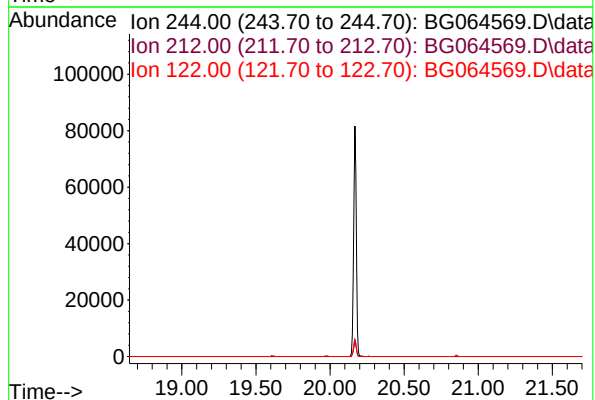
Tgt Ion: 244

Sig Exp Ratio

244 100

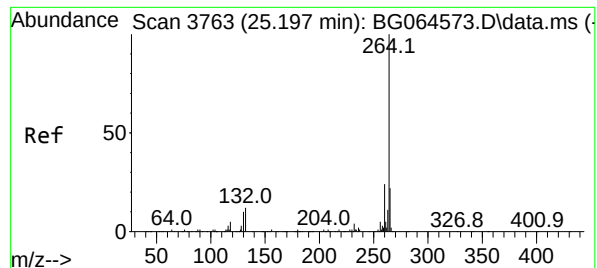
212 7.6

122 7.0



Ion 212.00 (211.70 to 212.70): BG064569.D\data.ms

Ion 122.00 (121.70 to 122.70): BG064569.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG064569.D

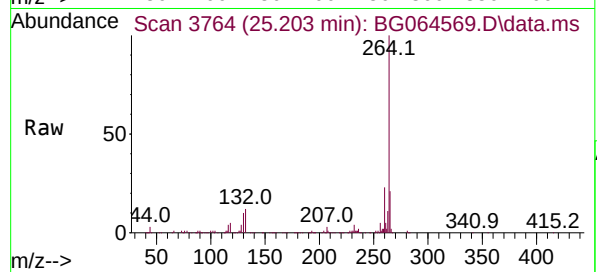
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



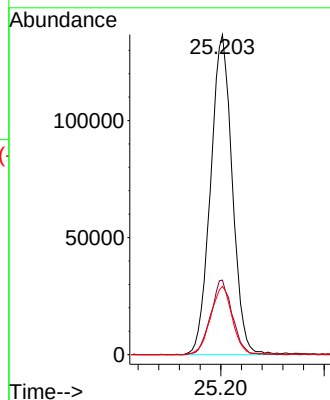
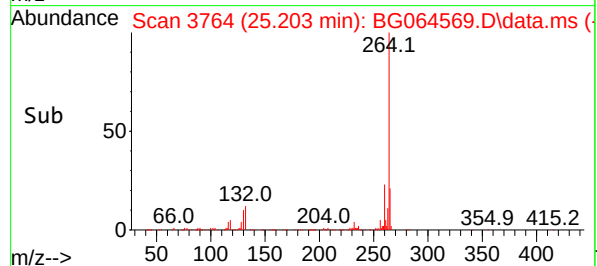
Tgt Ion:264 Resp: 398350

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.3 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064570.D
 Acq On : 24 Oct 2025 9:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40837	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	168287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.840	164	131387	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	331372	20.000	ng	0.00
76) Chrysene-d12	21.856	240	381389	20.000	ng	0.00
86) Perylene-d12	25.199	264	401350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	22421	9.216	ng	0.00
7) Phenol-d6	7.349	99	30003	8.987	ng	0.00
23) Nitrobenzene-d5	9.382	82	20097	7.173	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	14514	7.654	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	86089	9.932	ng	0.00
79) Terphenyl-d14	20.169	244	204719	10.130	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.589	88	5823	5.406	ng	95
3) Pyridine	4.000	79	16637	5.143	ng	89
6) Aniline	7.525	93	22494	4.952	ng	98
8) 2-Chlorophenol	7.778	128	10732	4.214	ng	96
10) Phenol	7.373	94	16995	4.603	ng	96
11) bis(2-Chloroethyl)ether	7.619	93	13341	4.915	ng	95
12) 1,3-Dichlorobenzene	8.113	146	14650	4.998	ng	93
13) 1,4-Dichlorobenzene	8.260	146	14610m	4.902	ng	
14) 1,2-Dichlorobenzene	8.583	146	13994	4.868	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.736	45	34925	4.905	ng	97
17) 2-Methylphenol	8.648	107	11259	4.593	ng	97
18) Hexachloroethane	9.329	117	4773	4.564	ng	97
19) n-Nitroso-di-n-propyla...	9.024	70	10596	4.592	ng	92
22) Acetophenone	9.035	105	22505	4.892	ng	# 92
24) Nitrobenzene	9.423	77	11526	3.782	ng	# 95
25) Isophorone	9.946	82	31609	4.701	ng	# 93
26) 2-Nitrophenol	10.140	139	3186	5.664	ng	99
27) 2,4-Dimethylphenol	10.193	122	9925	3.969	ng	92
28) bis(2-Chloroethoxy)met...	10.434	93	18999	4.963	ng	95
29) 2,4-Dichlorophenol	10.680	162	10223	3.798	ng	89
30) 1,2,4-Trichlorobenzene	10.904	180	14238	4.656	ng	97
31) Naphthalene	11.098	128	45559	4.883	ng	98
33) 4-Chloroaniline	11.186	127	16429	4.530	ng	93
34) Hexachlorobutadiene	11.391	225	11212	4.688	ng	95
36) 4-Chloro-3-methylphenol	12.290	107	13604	4.205	ng	94
37) 2-Methylnaphthalene	12.690	142	32129	4.690	ng	97
38) 1-Methylnaphthalene	12.901	142	33565m	4.951	ng	
40) 1,2,4,5-Tetrachloroben...	13.048	216	21576	4.893	ng	99
43) 2,4,6-Trichlorophenol	13.277	196	9650	3.826	ng	93
44) 2,4,5-Trichlorophenol	13.342	196	11151	3.831	ng	# 91
46) 1,1'-Biphenyl	13.683	154	47840	5.122	ng	95
47) 2-Chloronaphthalene	13.724	162	34977	4.961	ng	96
48) 2-Nitroaniline	13.906	65	6601	5.826	ng	87
49) Acenaphthylene	14.564	152	54748	4.923	ng	98
50) Dimethylphthalate	14.282	163	45639	4.540	ng	98
51) 2,6-Dinitrotoluene	14.394	165	4161	5.535	ng	# 91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064570.D
 Acq On : 24 Oct 2025 9:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.905	154	36982	4.867	ng	96
53) 3-Nitroaniline	14.717	138	5903	3.417	ng #	96
55) Dibenzofuran	15.234	168	61779	5.029	ng	97
57) 2,4-Dinitrotoluene	15.175	165	7312	5.721	ng #	80
58) Fluorene	15.880	166	48305	5.035	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	10241	3.679	ng #	95
60) Diethylphthalate	15.639	149	46534	4.533	ng	98
61) 4-Chlorophenyl-phenyle...	15.874	204	26270	4.880	ng	97
62) 4-Nitroaniline	15.869	138	6383	3.321	ng	90
63) Azobenzene	16.162	77	44729	4.749	ng	98
66) n-Nitrosodiphenylamine	16.080	169	42291	4.725	ng	98
67) 4-Bromophenyl-phenylether	16.762	248	18064	4.600	ng	95
68) Hexachlorobenzene	16.885	284	21076	4.705	ng	95
69) Atrazine	17.014	200	17783	4.616	ng	94
71) Phenanthrene	17.619	178	89771	4.954	ng	99
72) Anthracene	17.713	178	90063	4.886	ng	99
73) Carbazole	17.966	167	81350	5.005	ng	98
74) Di-n-butylphthalate	18.530	149	83713	4.454	ng	99
75) Fluoranthene	19.617	202	114724	5.054	ng	98
78) Pyrene	19.975	202	122676	4.923	ng	98
80) Butylbenzylphthalate	20.857	149	27072	3.595	ng	94
81) Benzo(a)anthracene	21.832	228	123345	4.878	ng	98
83) Chrysene	21.903	228	119080	4.949	ng	97
84) Bis(2-ethylhexyl)phtha...	21.750	149	46117	4.098	ng	98
87) Indeno(1,2,3-cd)pyrene	29.030	276	138758	4.700	ng #	88
88) Benzo(b)fluoranthene	24.129	252	114203	4.640	ng	98
89) Benzo(k)fluoranthene	24.200	252	117893	4.787	ng	99
90) Benzo(a)pyrene	25.040	252	106414	4.704	ng	99
91) Dibenzo(a,h)anthracene	29.100	278	112398	4.686	ng	96
92) Benzo(g,h,i)perylene	30.216	276	108407	4.731	ng	97

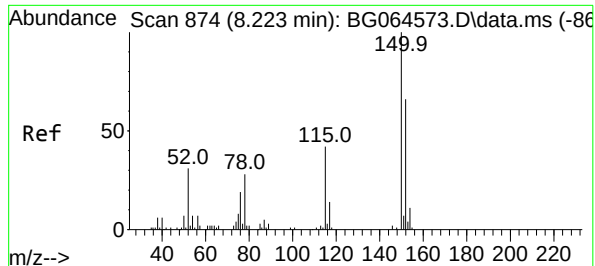
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.219 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:152 Resp: 4083

Ion Ratio Lower Upper

152 100

150 153.0 122.2 183.4

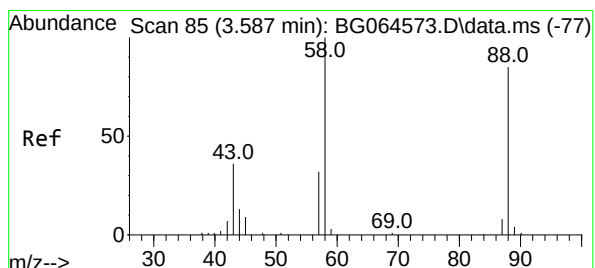
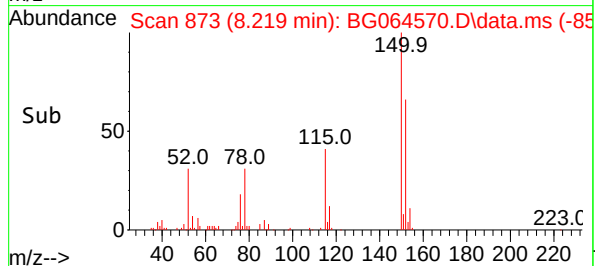
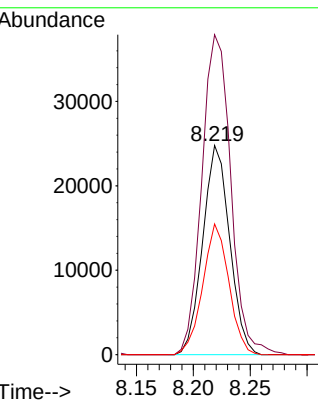
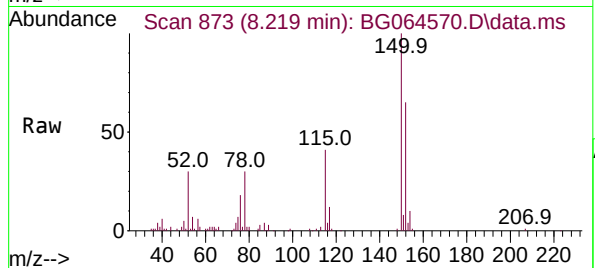
115 62.5 50.8 76.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#2

1,4-Dioxane

Concen: 5.406 ng

RT: 3.589 min Scan# 85

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

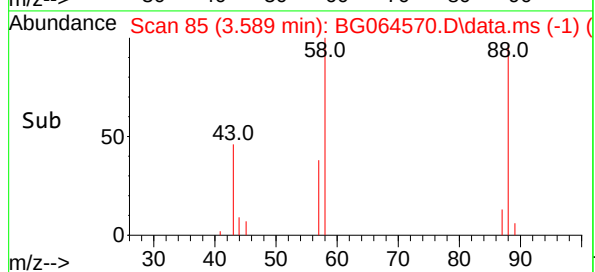
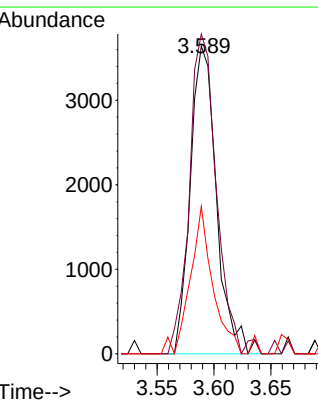
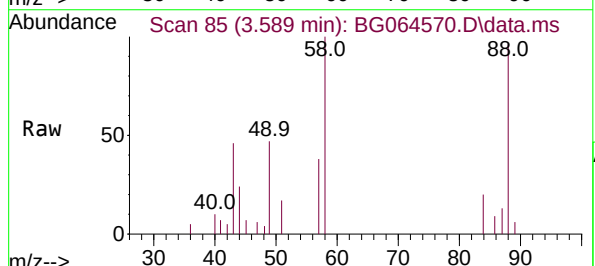
Tgt Ion: 88 Resp: 5823

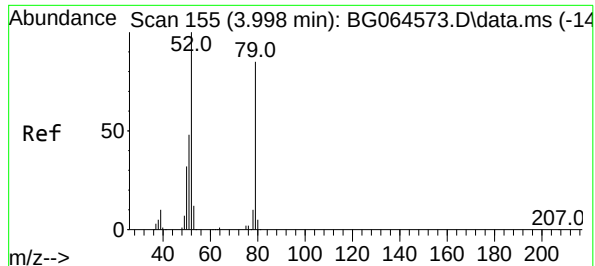
Ion Ratio Lower Upper

88 100

58 108.0 92.4 138.6

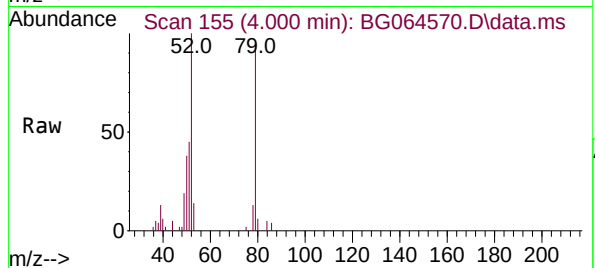
43 41.6 33.0 49.6





#3
Pyridine
Concen: 5.143 ng
RT: 4.000 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

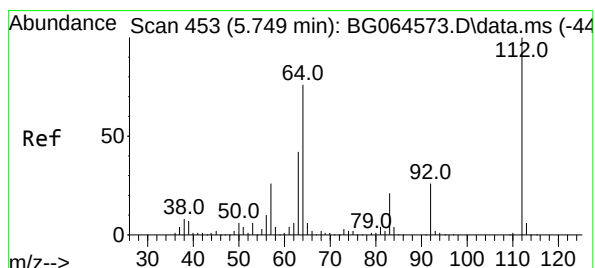
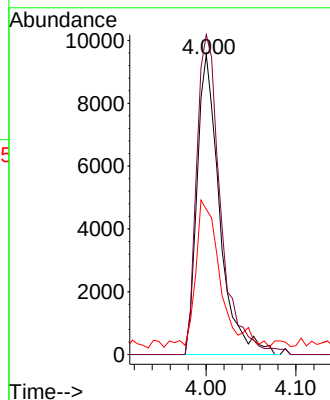
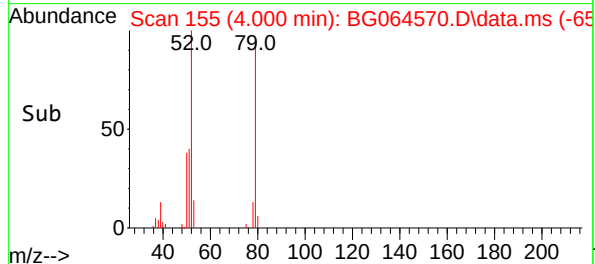
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 1663
Ion Ratio Lower Upper
79 100
52 106.6 94.2 141.2
51 48.4 46.1 69.1

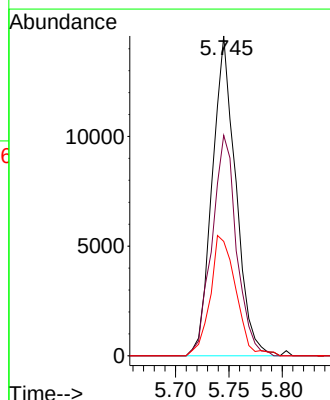
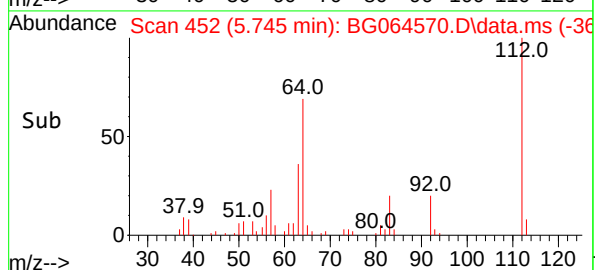
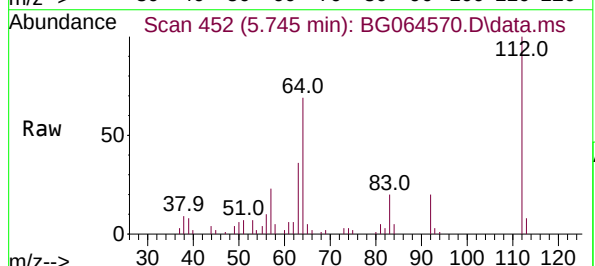
Manual Integrations
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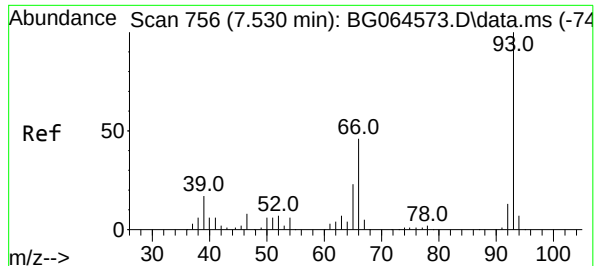
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#5
2-Fluorophenol
Concen: 9.216 ng
RT: 5.745 min Scan# 452
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

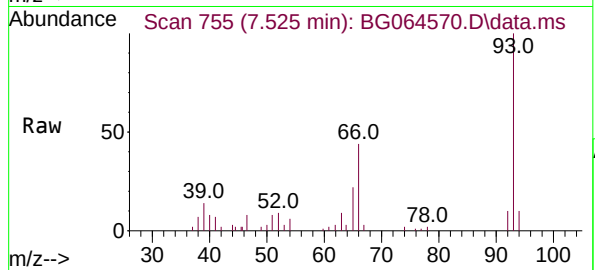
Tgt Ion:112 Resp: 22421
Ion Ratio Lower Upper
112 100
64 68.9 60.7 91.1
63 35.8 33.4 50.0





#6
Aniline
Concen: 4.952 ng
RT: 7.525 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

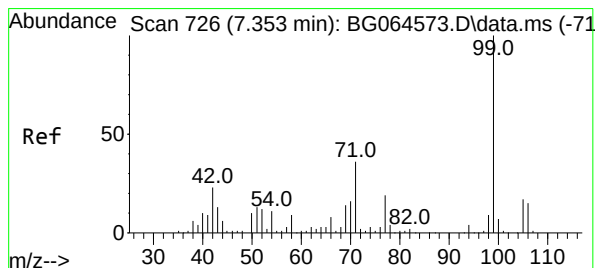
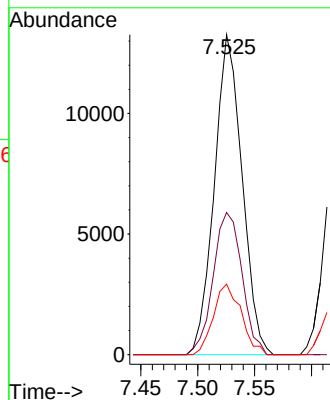
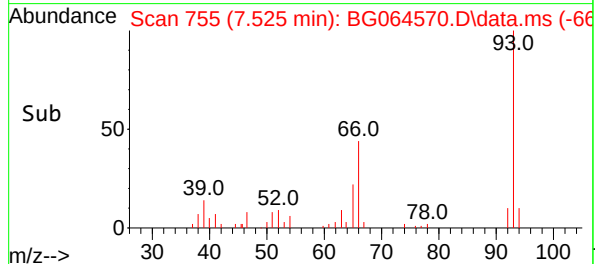
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 22494
Ion Ratio Lower Upper
93 100
66 44.4 37.0 55.6
65 22.0 18.3 27.5

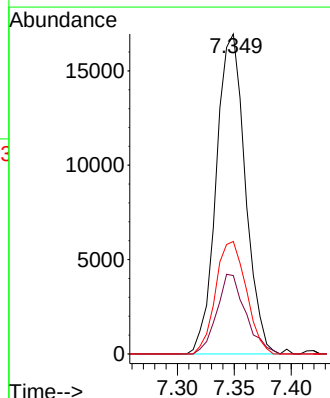
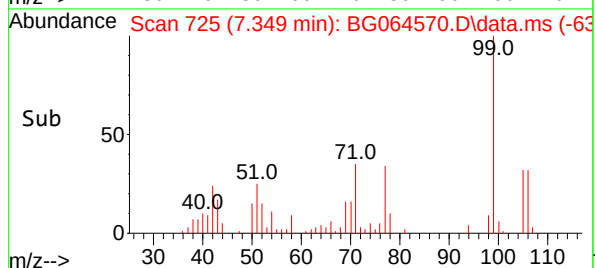
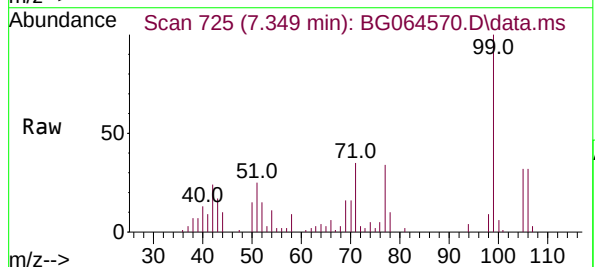
Manual Integrations
APPROVED

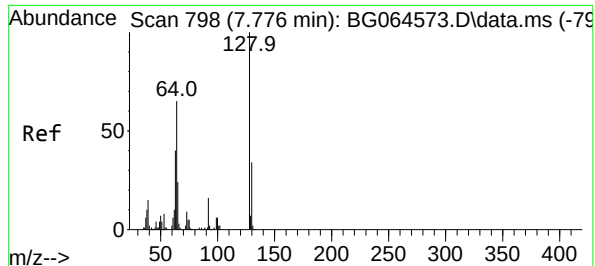
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#7
Phenol-d6
Concen: 8.987 ng
RT: 7.349 min Scan# 725
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

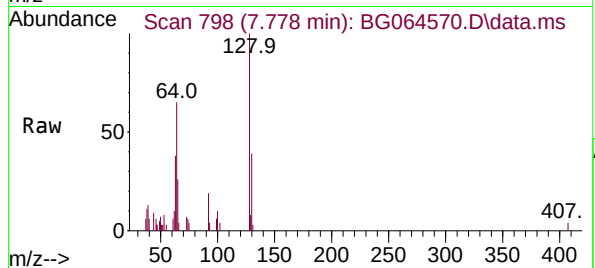
Tgt Ion: 99 Resp: 30003
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 35.1 28.6 43.0





#8
2-Chlorophenol
Concen: 4.214 ng
RT: 7.778 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

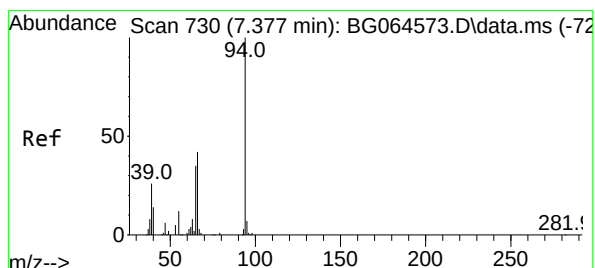
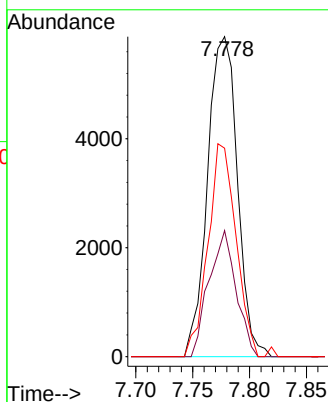
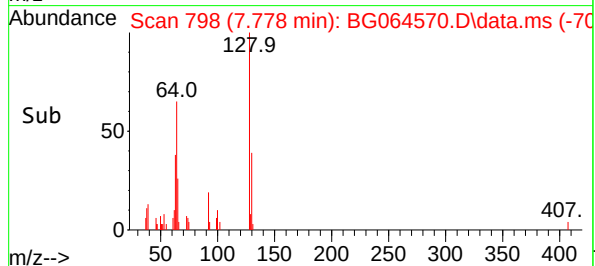
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



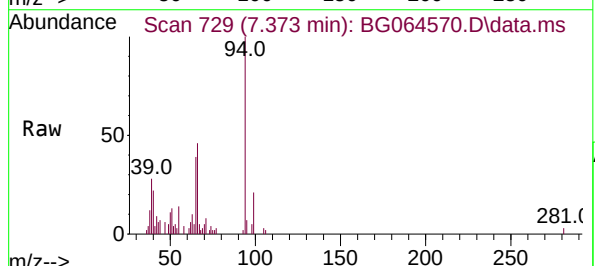
Tgt Ion:128 Resp: 10732
Ion Ratio Lower Upper
128 100
130 39.4 13.5 53.5
64 65.2 45.2 85.2

Manual Integrations
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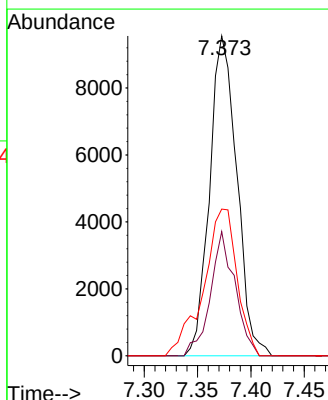
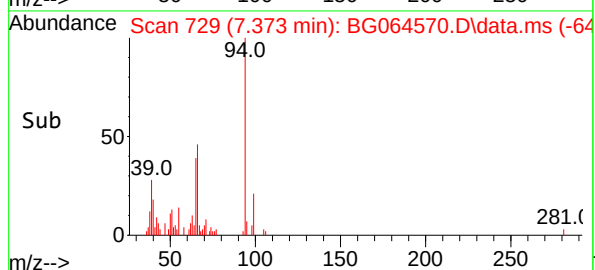
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

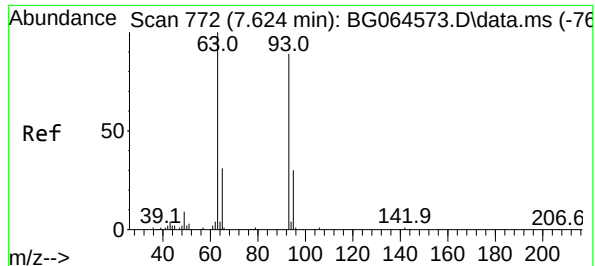


#10
Phenol
Concen: 4.603 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion: 94 Resp: 16995
Ion Ratio Lower Upper
94 100
65 38.8 15.8 55.8
66 45.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 4.915 ng

RT: 7.619 min Scan# 771

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

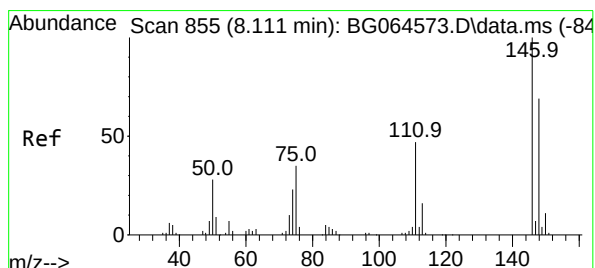
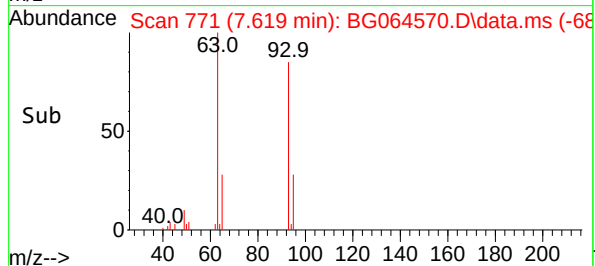
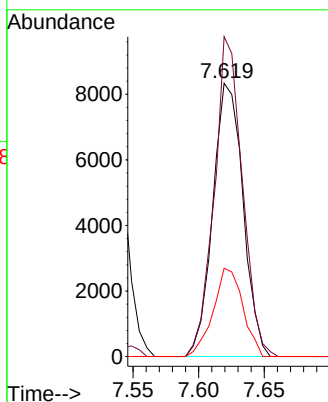
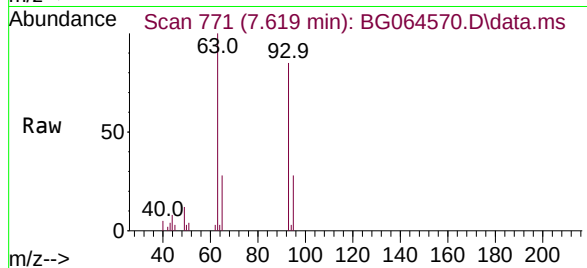
ClientSampleId :

SSTDICC005

Tgt Ion:	93	Resp:	1334
Ion	Ratio	Lower	Upper
93	100		
63	117.0	91.3	131.3
95	32.3	13.3	53.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 4.998 ng

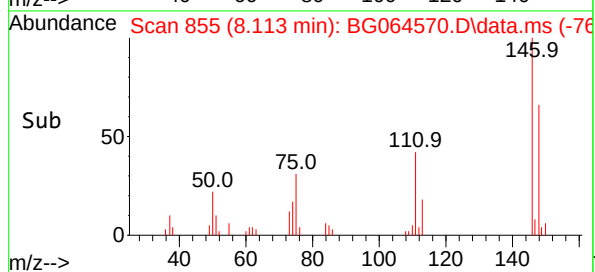
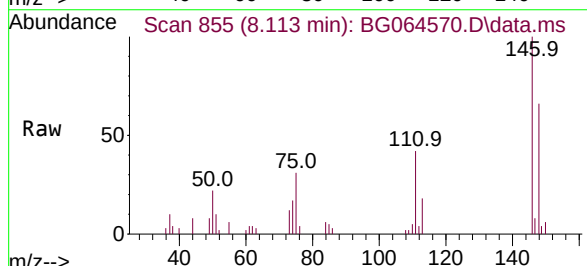
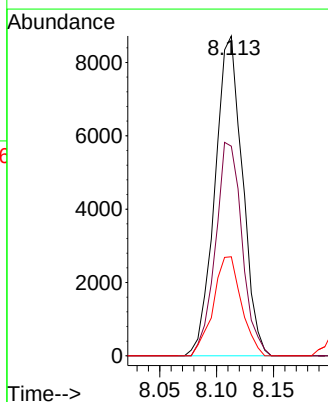
RT: 8.113 min Scan# 855

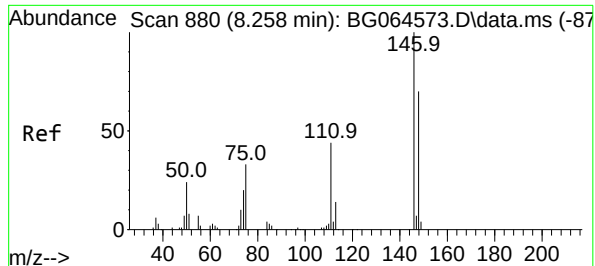
Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	146	Resp:	14650
Ion	Ratio	Lower	Upper
146	100		
148	64.6	55.3	82.9
75	28.7	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 4.902 ng m

RT: 8.260 min Scan# 880

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 14610

Ion Ratio Lower Upper

146 100

148 54.9 56.2 84.4

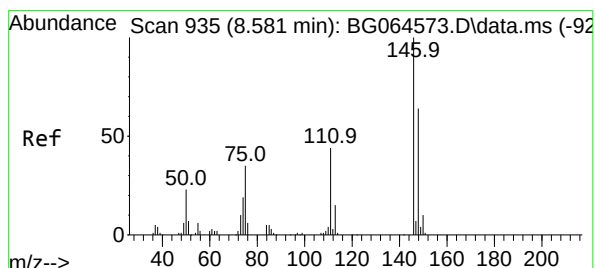
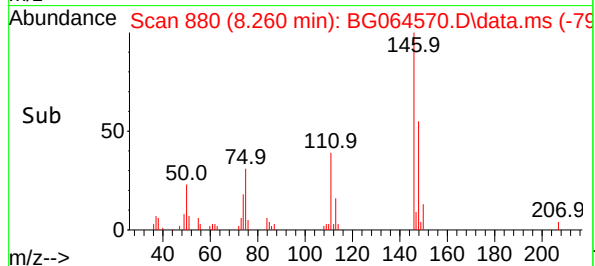
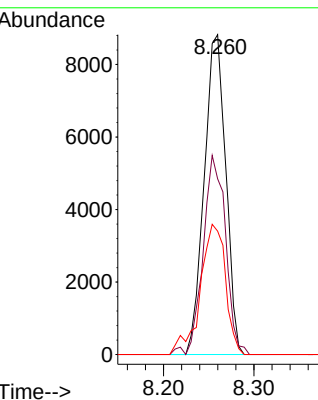
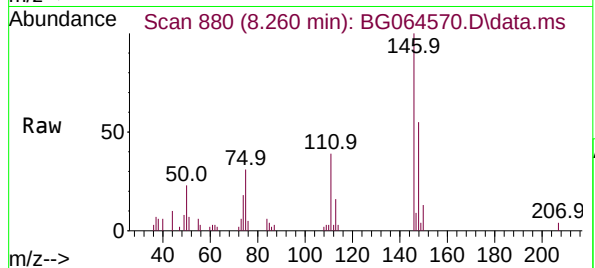
111 38.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 4.868 ng

RT: 8.583 min Scan# 935

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

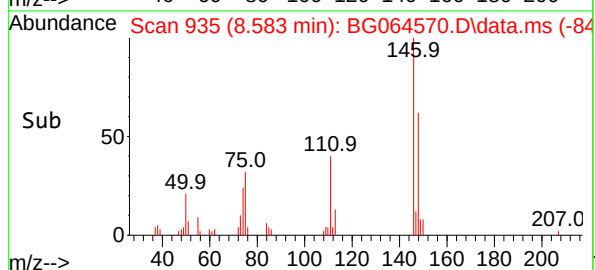
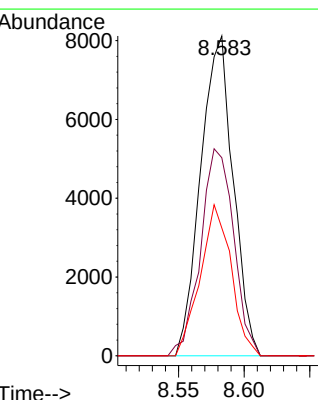
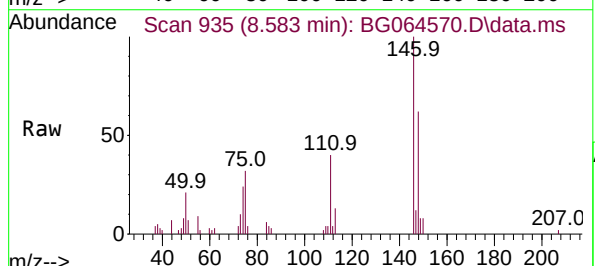
Tgt Ion:146 Resp: 13994

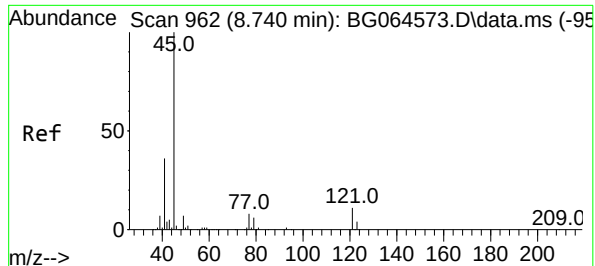
Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

111 40.0 35.0 52.6





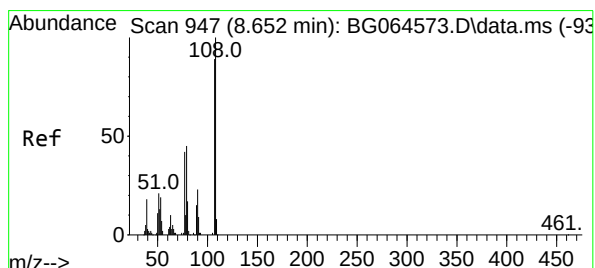
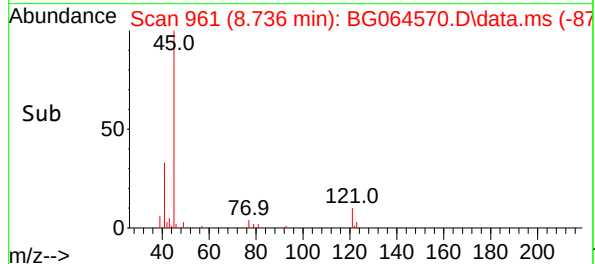
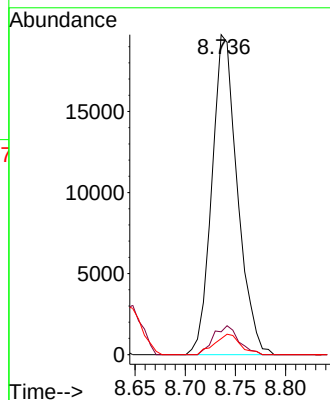
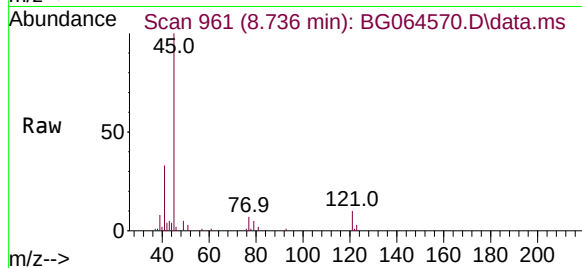
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.905 ng
RT: 8.736 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 34925
Ion Ratio Lower Upper
45 100
77 7.1 0.0 28.5
79 5.0 0.0 25.6

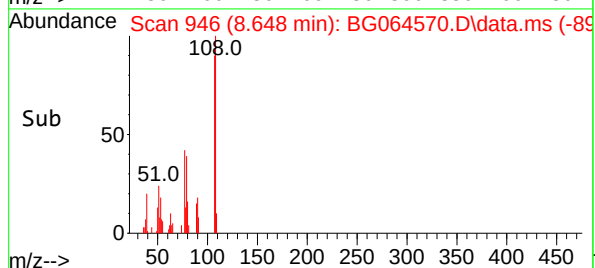
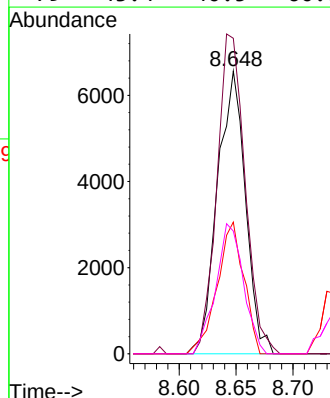
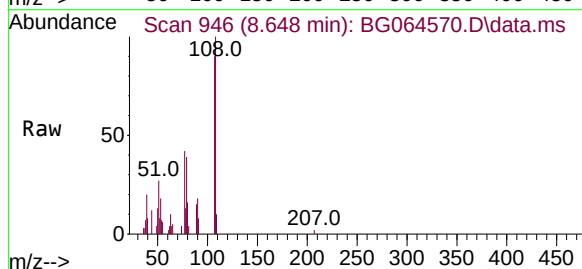
Manual Integrations
APPROVED

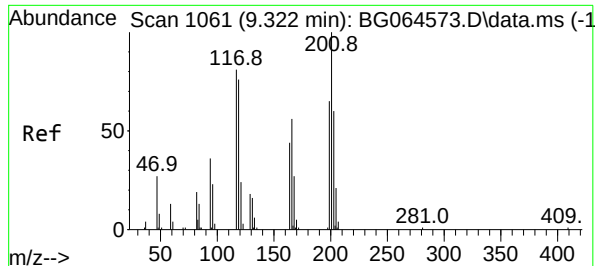
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#17
2-Methylphenol
Concen: 4.593 ng
RT: 8.648 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 11259
Ion Ratio Lower Upper
107 100
108 111.6 90.0 135.0
77 46.6 37.8 56.8
79 43.4 40.5 60.7





#18

Hexachloroethane

Concen: 4.564 ng

RT: 9.329 min Scan# 10

Delta R.T. 0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:117 Resp: 4773

Ion Ratio Lower Upper

117 100

119 88.0 75.4 113.2

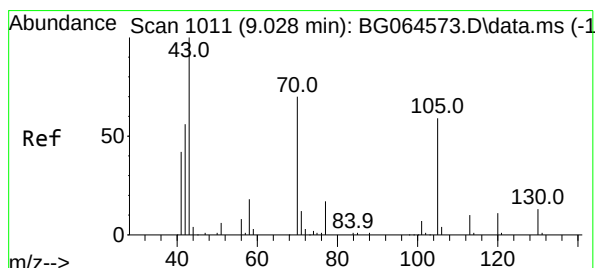
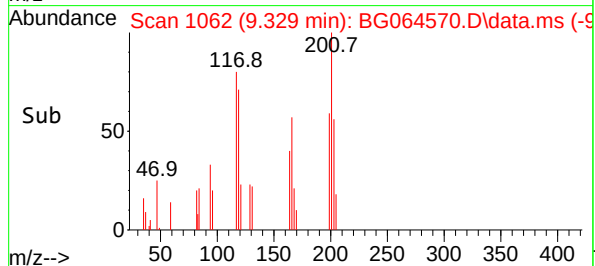
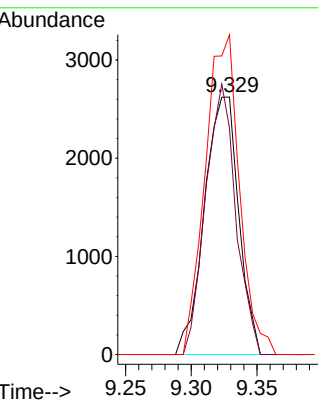
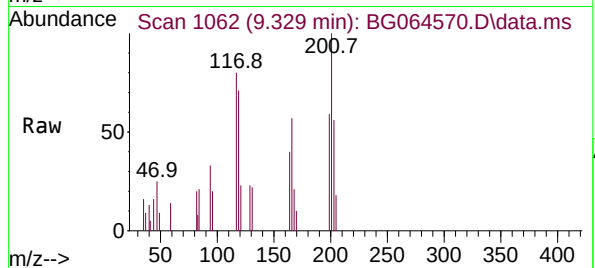
201 124.2 99.2 148.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#19

n-Nitroso-di-n-propylamine

Concen: 4.592 ng

RT: 9.024 min Scan# 1010

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion: 70 Resp: 10596

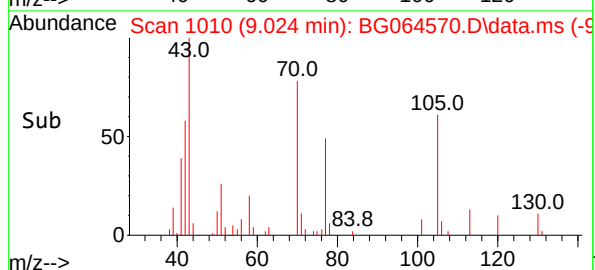
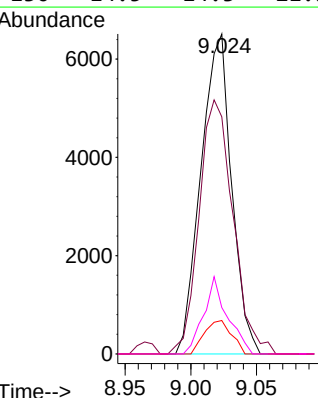
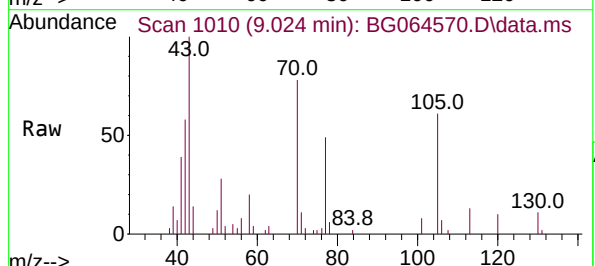
Ion Ratio Lower Upper

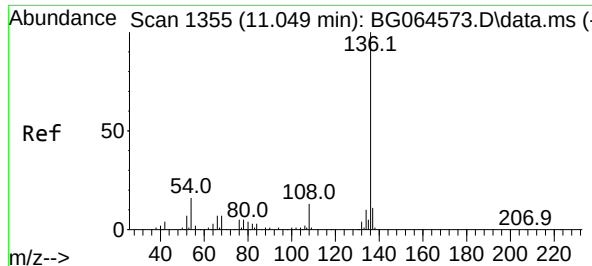
70 100

42 74.1 65.2 97.8

101 10.4 7.9 11.9

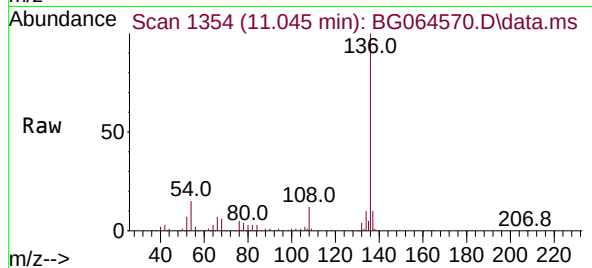
130 14.5 14.3 21.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

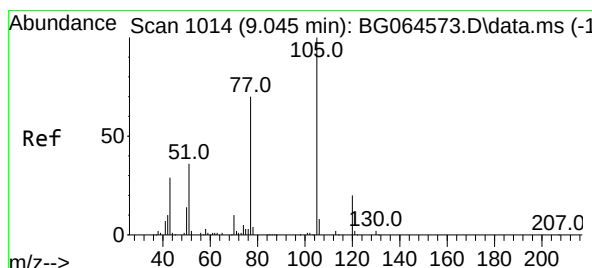
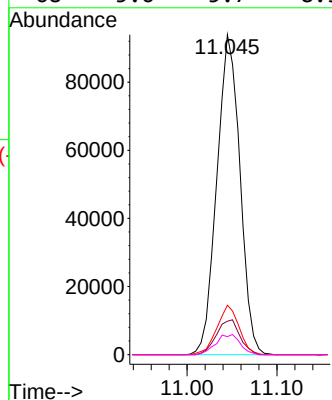
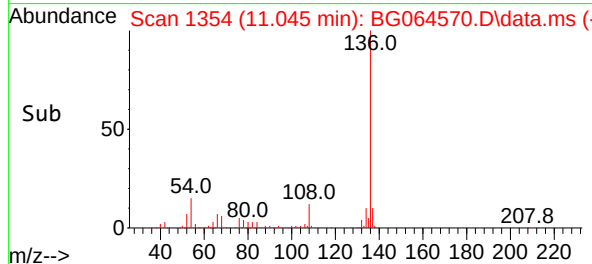
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 168287
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 15.4 12.6 19.0
68 5.6 5.7 8.5#

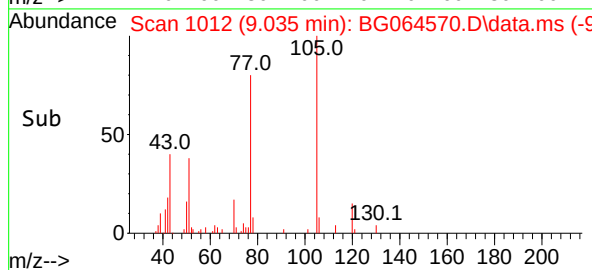
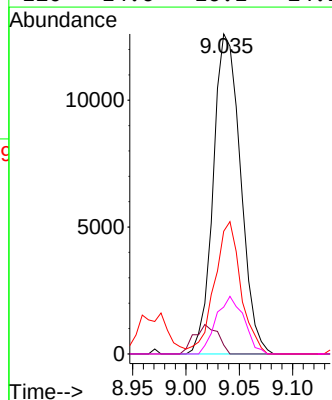
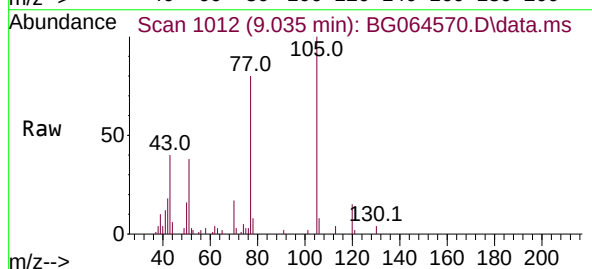
Manual Integrations
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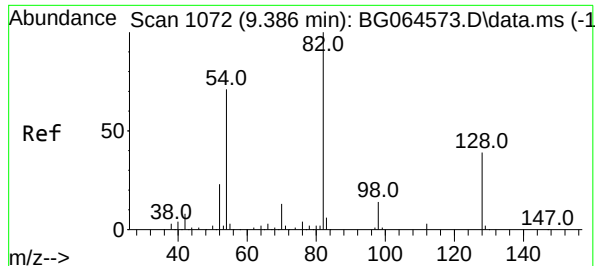
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 4.892 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:105 Resp: 22505
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 38.4 33.7 50.5
120 14.6 16.1 24.1#





#23

Nitrobenzene-d5

Concen: 7.173 ng

RT: 9.382 min Scan# 1071

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

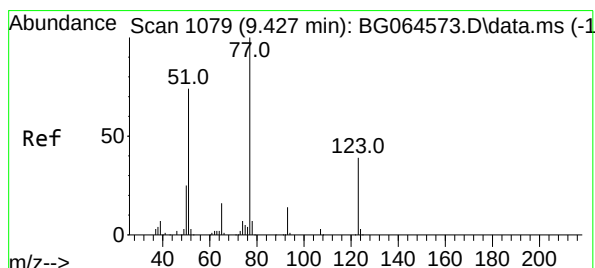
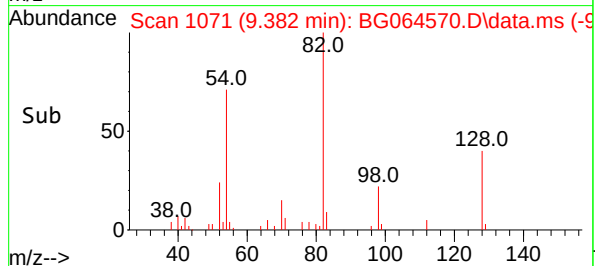
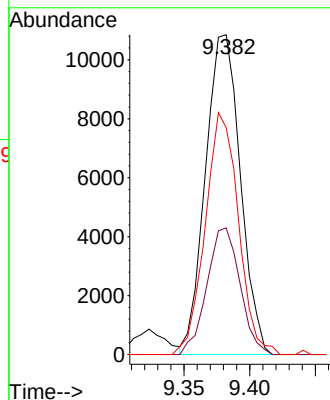
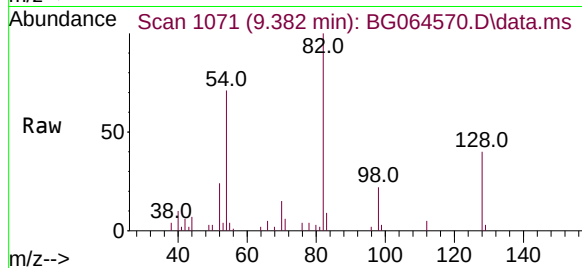
ClientSampleId :

SSTDICC005

Tgt Ion:	82	Resp:	2009
Ion Ratio	Lower	Upper	
82	100		
128	39.6	31.3	46.9
54	71.0	56.6	84.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 3.782 ng

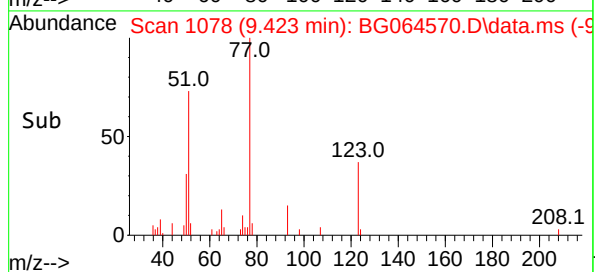
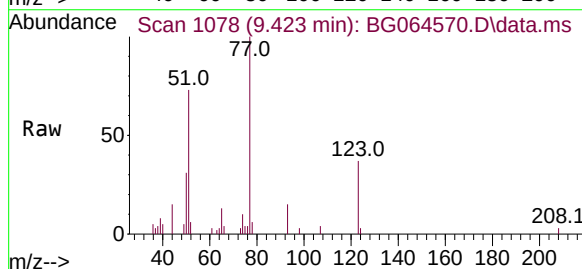
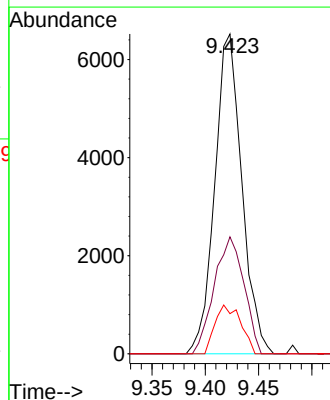
RT: 9.423 min Scan# 1078

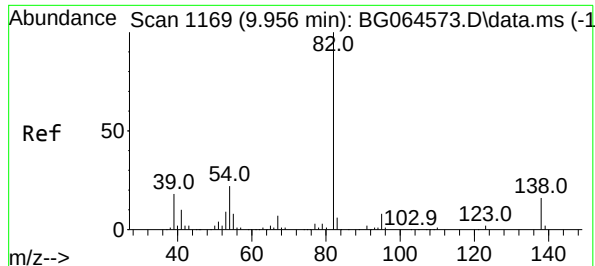
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	77	Resp:	11526
Ion Ratio	Lower	Upper	
77	100		
123	36.6	31.0	46.6
65	12.6	12.7	19.1





#25

Isophorone

Concen: 4.701 ng

RT: 9.946 min Scan# 1169

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

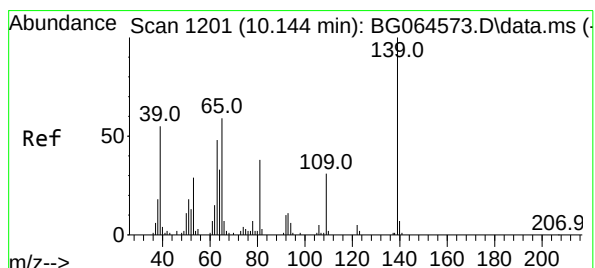
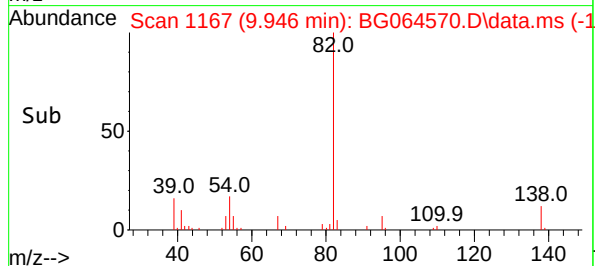
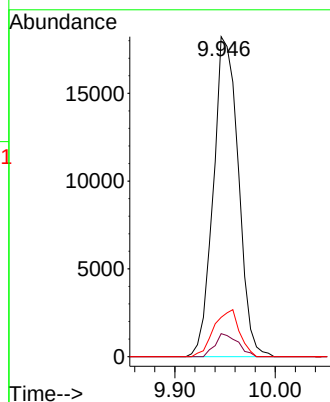
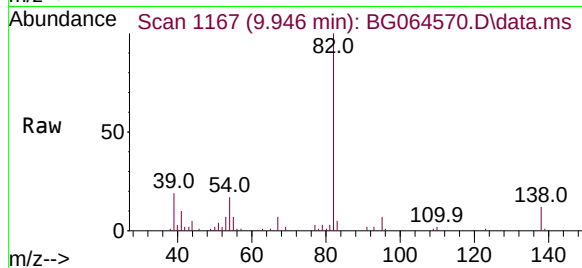
Tgt Ion:	82	Resp:	31609
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.1	9.1
138	12.3	13.0	19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 5.664 ng

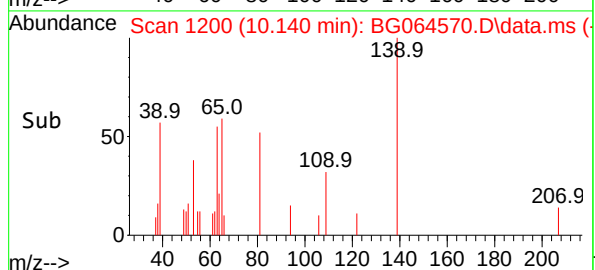
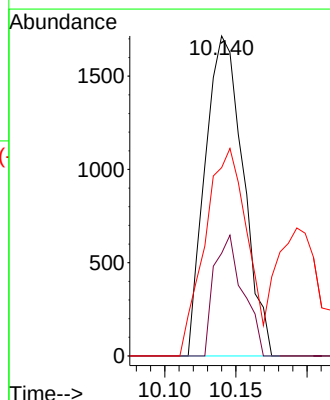
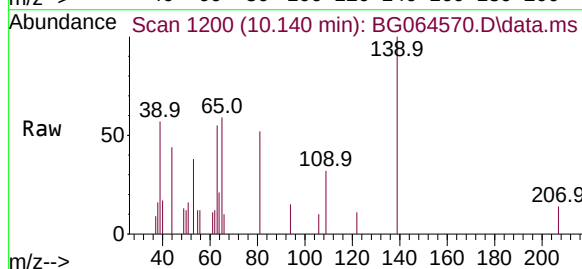
RT: 10.140 min Scan# 1200

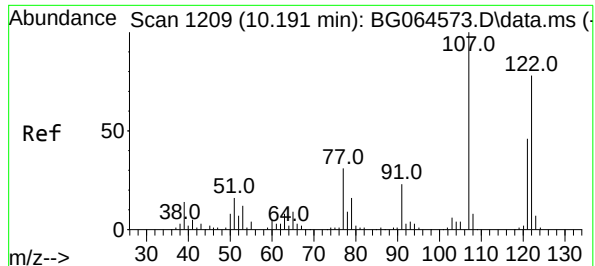
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	139	Resp:	3186
Ion Ratio	Lower	Upper	
139	100		
109	32.1	24.6	37.0
65	58.9	47.5	71.3





#27

2,4-Dimethylphenol

Concen: 3.969 ng

RT: 10.193 min Scan# 1209

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

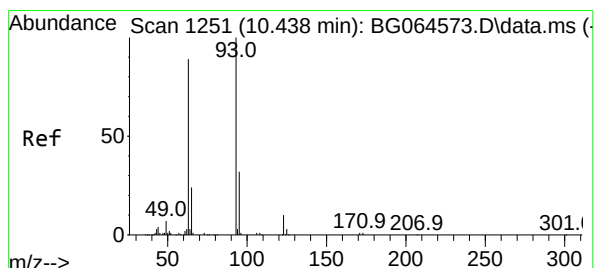
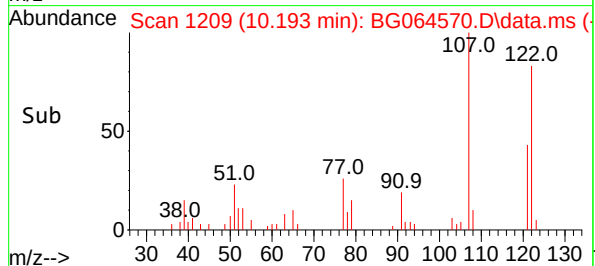
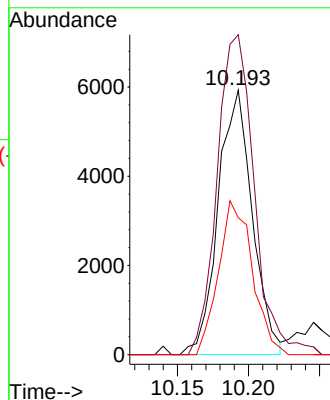
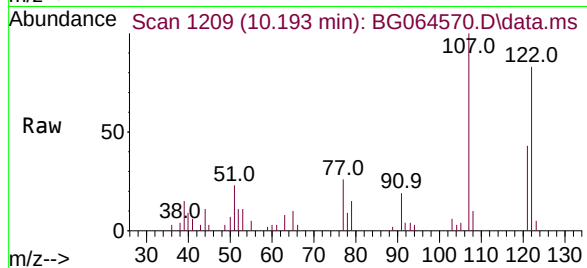
Tgt Ion:122 Resp: 9925
Ion Ratio Lower Upper
122 100
107 121.0 103.0 154.4
121 51.7 47.8 71.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.963 ng

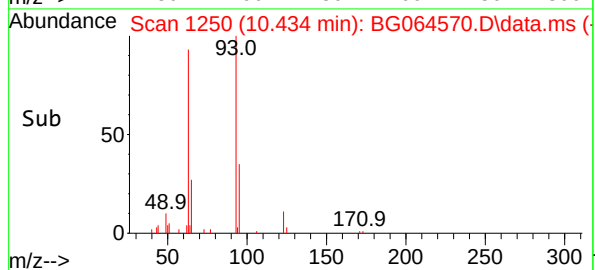
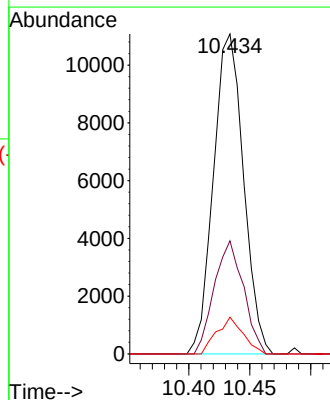
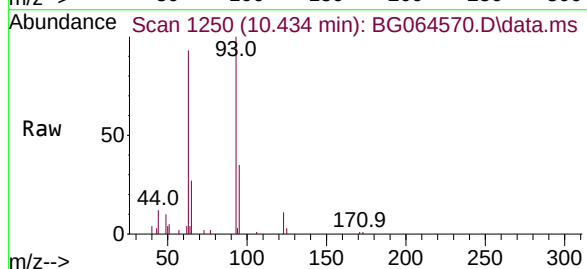
RT: 10.434 min Scan# 1250

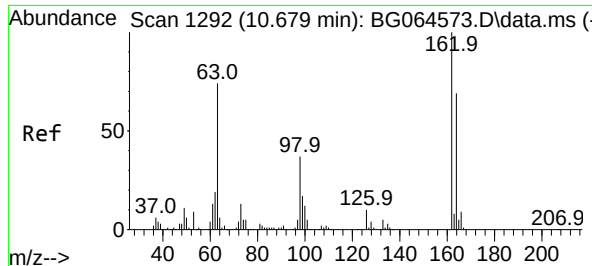
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 18999
Ion Ratio Lower Upper
93 100
95 35.3 25.4 38.2
123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 3.798 ng

RT: 10.680 min Scan# 1292

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

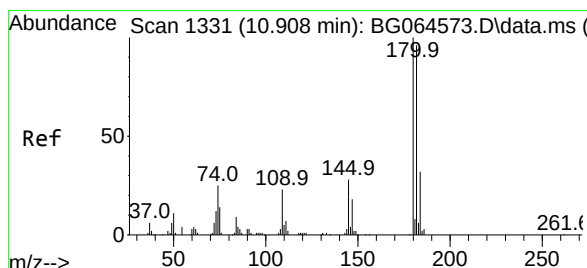
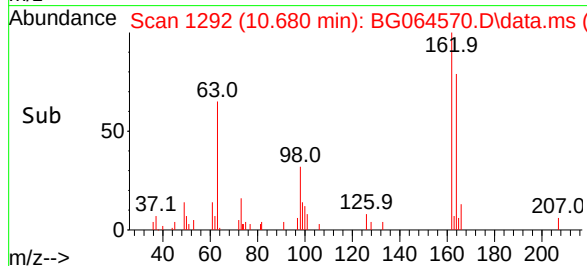
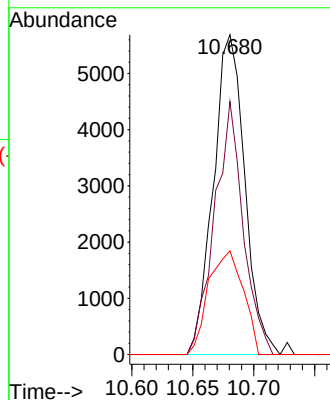
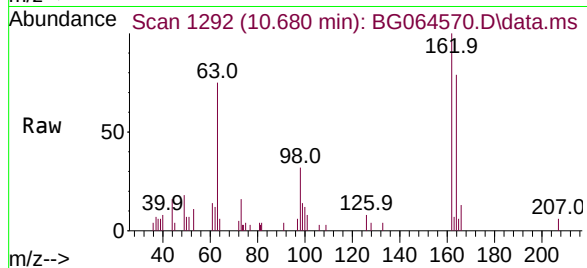
Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:	162	Resp:	10223
Ion Ratio	Lower	Upper	
162	100		
164	79.1	48.7	88.7
98	32.4	16.9	56.9

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#30

1,2,4-Trichlorobenzene

Concen: 4.656 ng

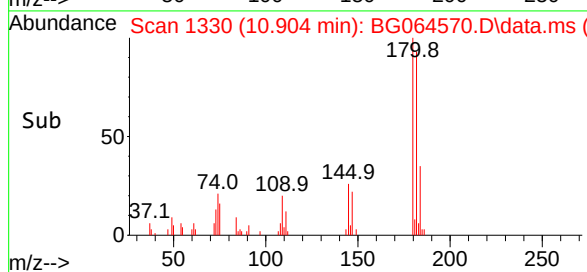
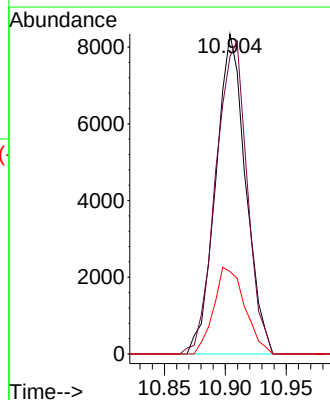
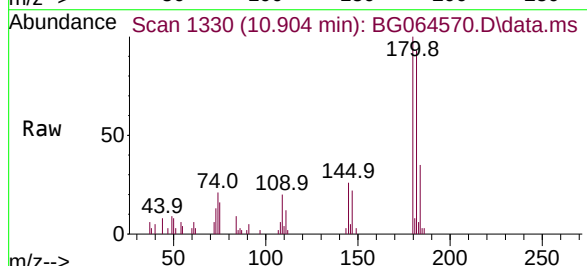
RT: 10.904 min Scan# 1330

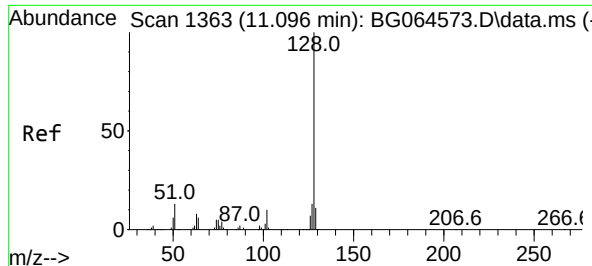
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

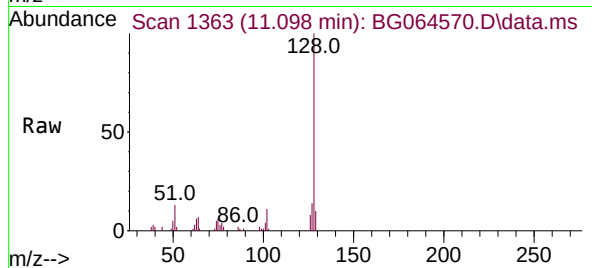
Tgt Ion:	180	Resp:	14238
Ion Ratio	Lower	Upper	
180	100		
182	92.9	76.9	115.3
145	25.7	22.1	33.1





#31
Naphthalene
Concen: 4.883 ng
RT: 11.098 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

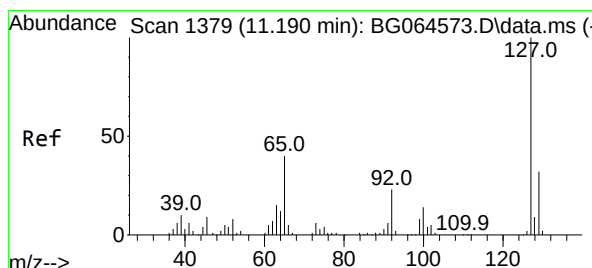
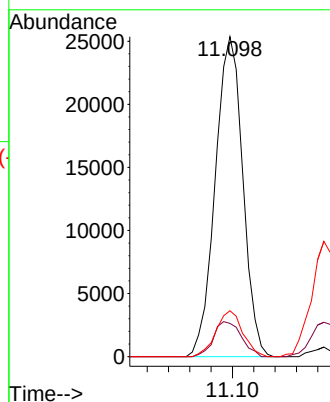
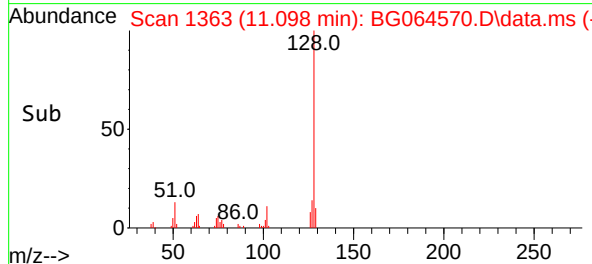
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 45559
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.3 10.6 15.8

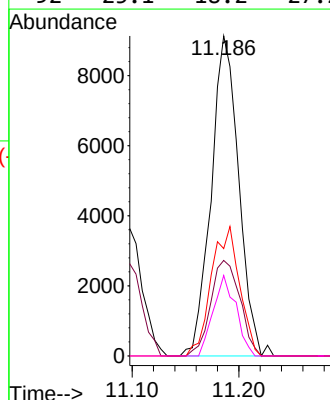
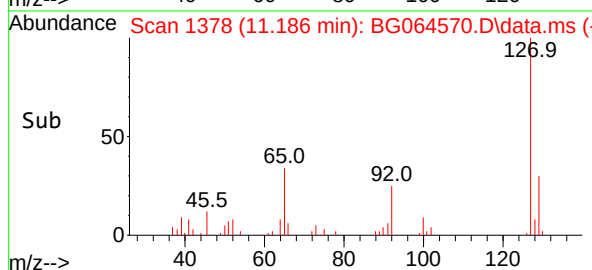
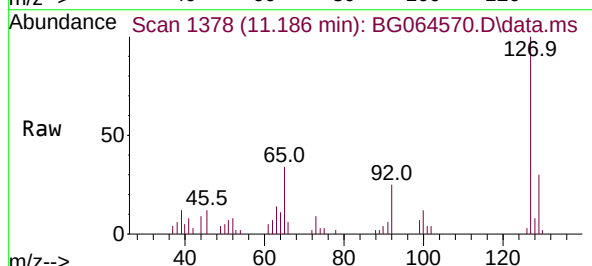
Manual Integrations
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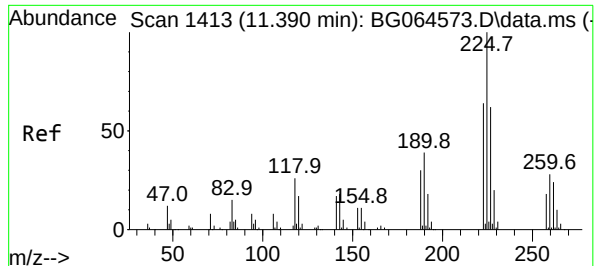
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#33
4-Chloroaniline
Concen: 4.530 ng
RT: 11.186 min Scan# 1378
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

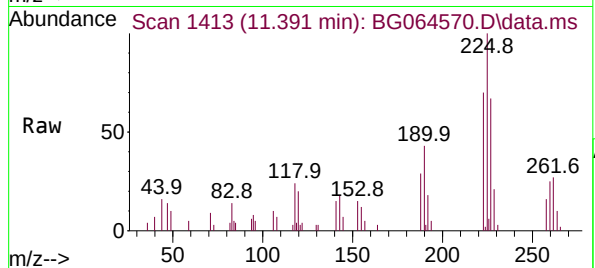
Tgt Ion:127 Resp: 16429
Ion Ratio Lower Upper
127 100
129 29.8 25.5 38.3
65 33.5 32.2 48.4
92 25.1 18.2 27.2





#34
Hexachlorobutadiene
Concen: 4.688 ng
RT: 11.391 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

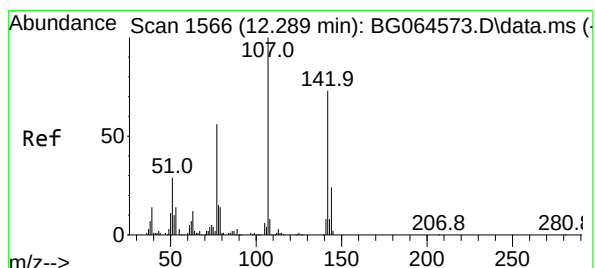
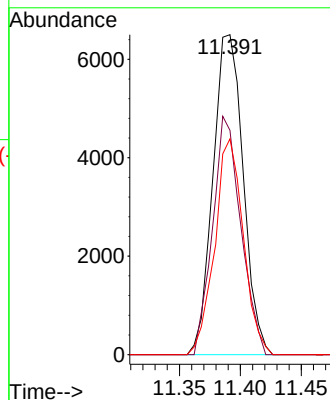
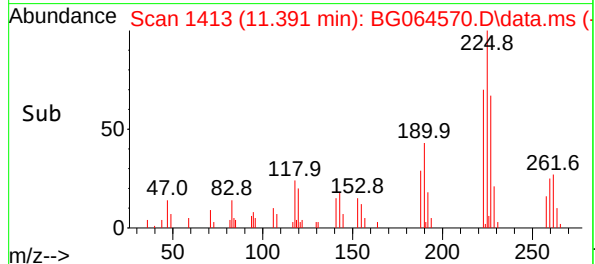
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



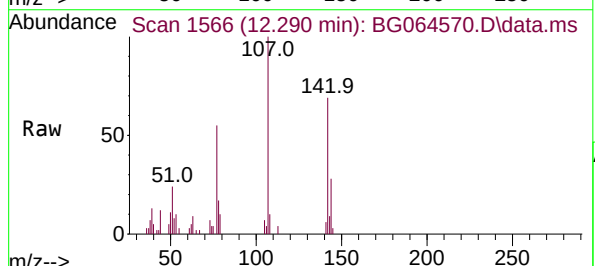
Tgt Ion: 225 Resp: 11212
Ion Ratio Lower Upper
225 100
223 66.4 48.8 73.2
227 63.9 49.5 74.3

Manual Integrations
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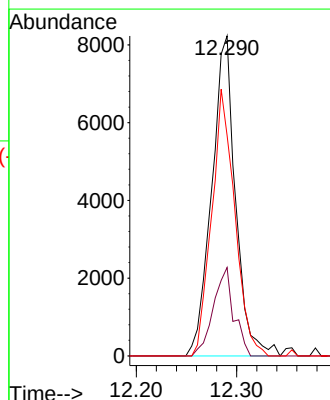
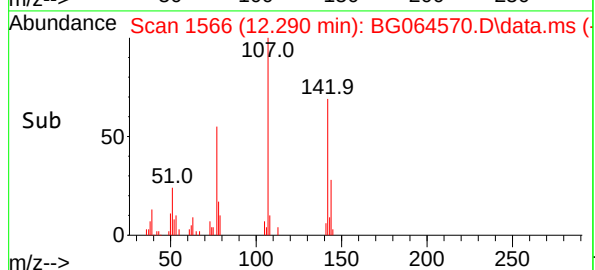
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

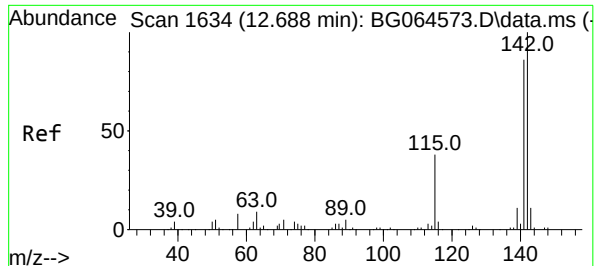


#36
4-Chloro-3-methylphenol
Concen: 4.205 ng
RT: 12.290 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion: 107 Resp: 13604
Ion Ratio Lower Upper
107 100
144 27.6 19.1 28.7
142 68.9 58.6 87.8





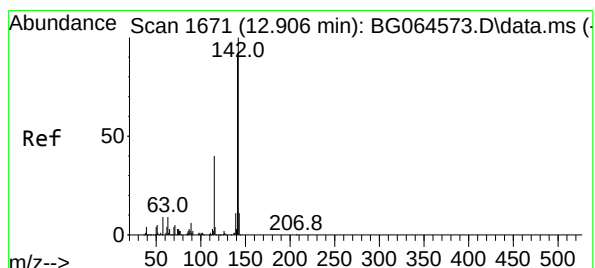
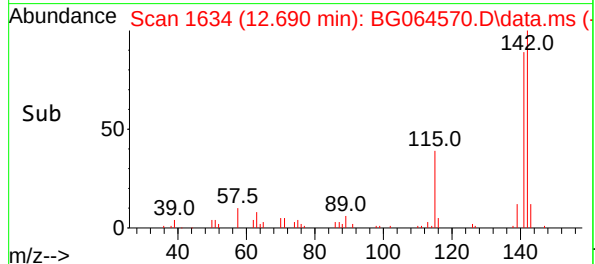
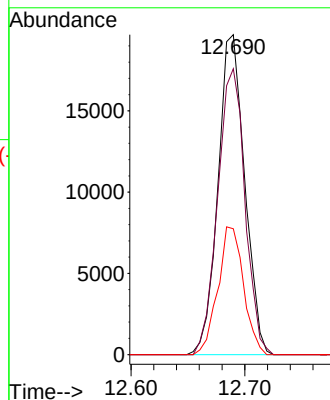
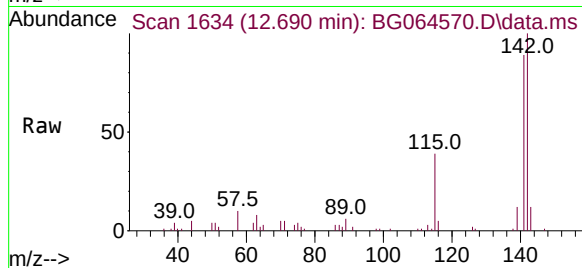
#37
2-Methylnaphthalene
Concen: 4.690 ng
RT: 12.690 min Scan# 1634
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 32129
Ion Ratio Lower Upper
142 100
141 89.3 68.9 103.3
115 39.3 30.6 46.0

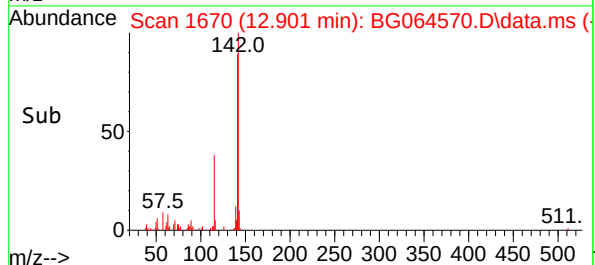
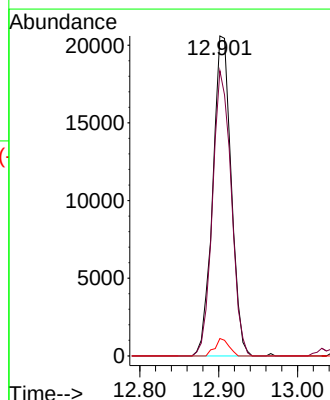
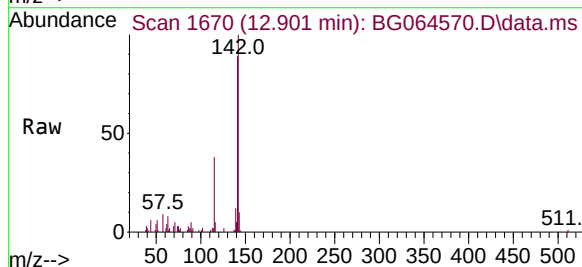
Manual Integrations
APPROVED

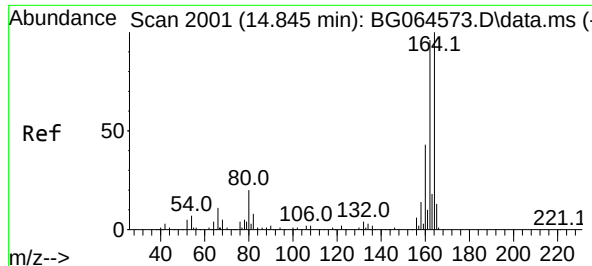
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 4.951 ng m
RT: 12.901 min Scan# 1670
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:142 Resp: 33565
Ion Ratio Lower Upper
142 100
141 89.1 73.3 109.9
116 5.4 3.1 4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.840 min Scan# 2001

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

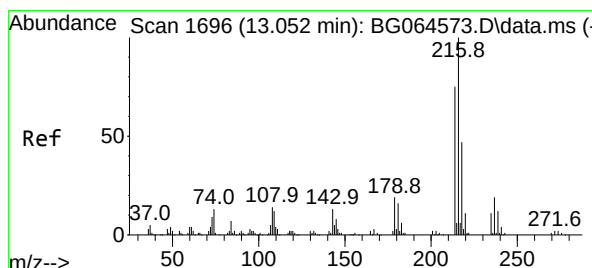
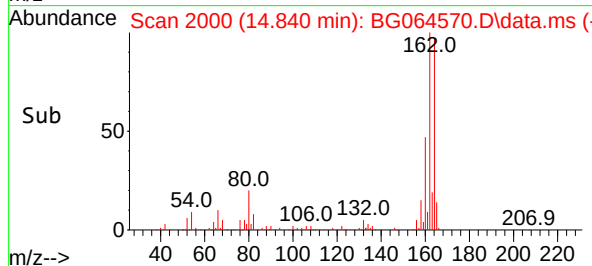
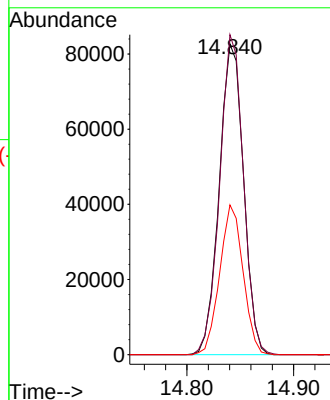
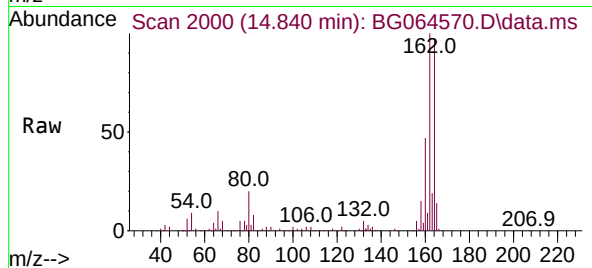
Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:	164	Resp:	13138
Ion Ratio	Lower	Upper	
164	100		
162	103.0	77.0	115.6
160	48.2	34.4	51.6

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.893 ng

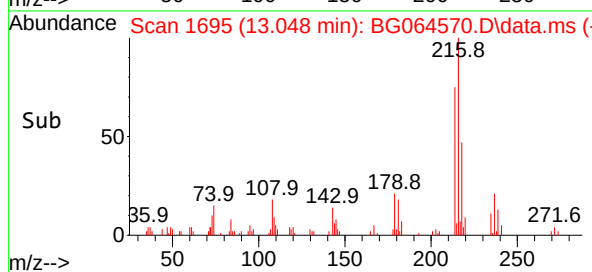
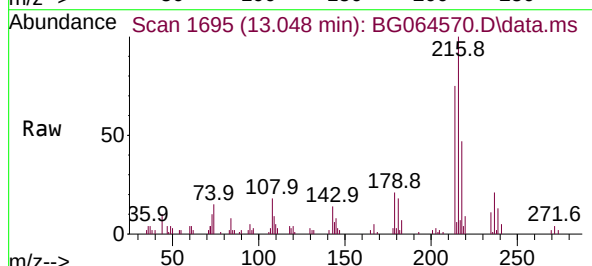
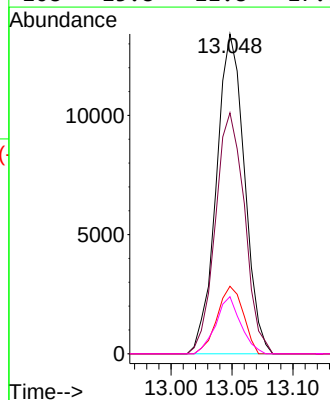
RT: 13.048 min Scan# 1695

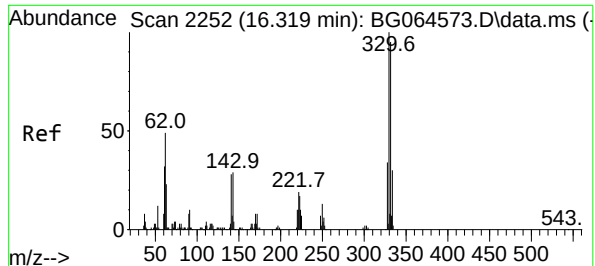
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	216	Resp:	21576
Ion Ratio	Lower	Upper	
216	100		
214	78.0	61.4	92.2
179	19.5	15.4	23.0
108	15.8	11.8	17.6





#42

2,4,6-Tribromophenol

Concen: 7.654 ng

RT: 16.315 min Scan# 2252

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 14514

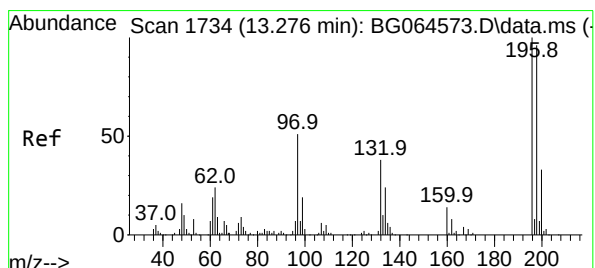
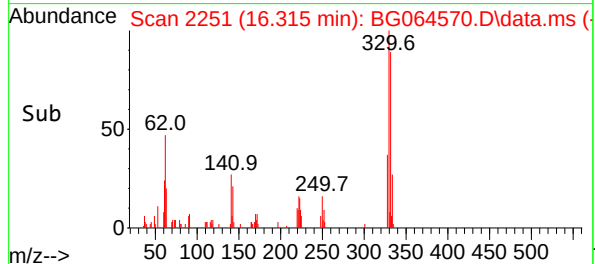
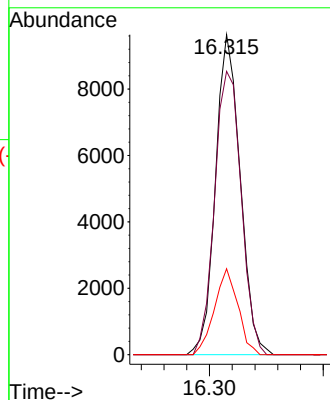
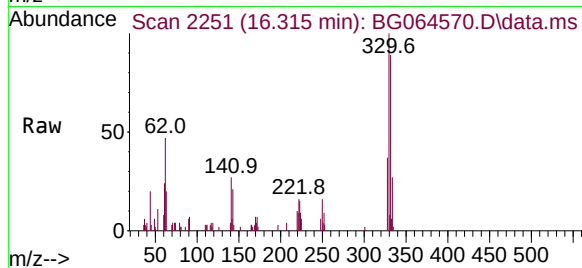
Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	25.5	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#43

2,4,6-Trichlorophenol

Concen: 3.826 ng

RT: 13.277 min Scan# 1734

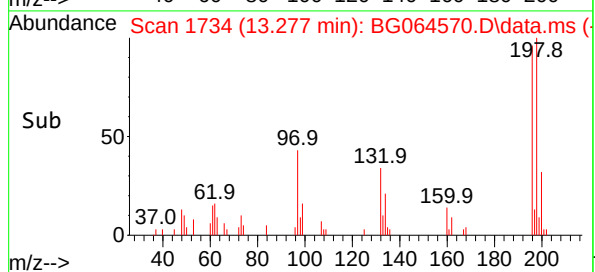
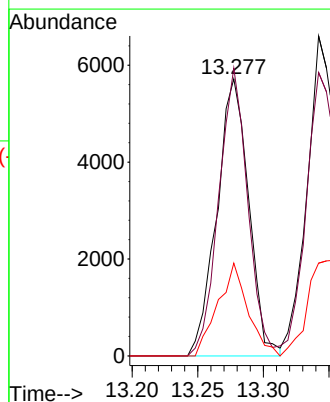
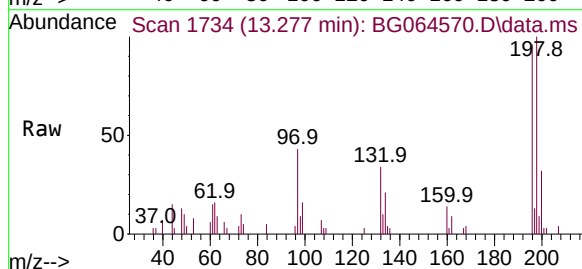
Delta R.T. 0.002 min

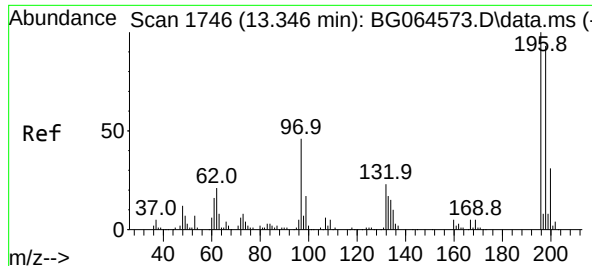
Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:196 Resp: 9650

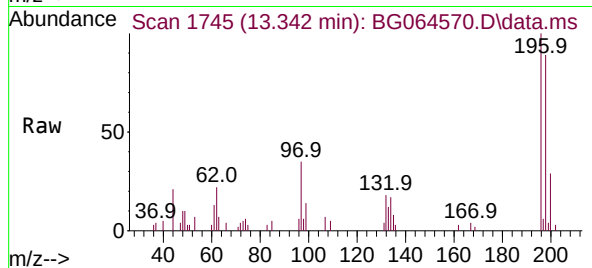
Ion	Ratio	Lower	Upper
196	100		
198	103.9	76.6	115.0
200	33.5	26.0	39.0





#44
2,4,5-Trichlorophenol
Concen: 3.831 ng
RT: 13.342 min Scan# 1746
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

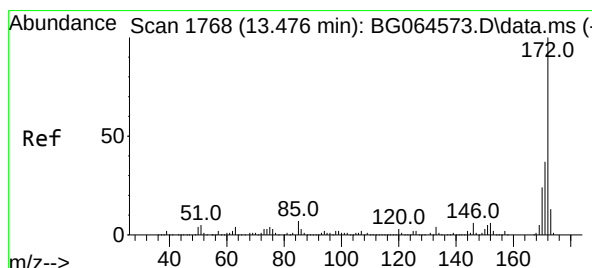
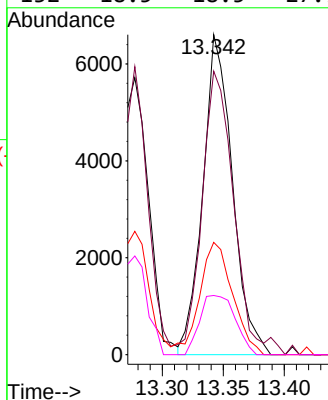
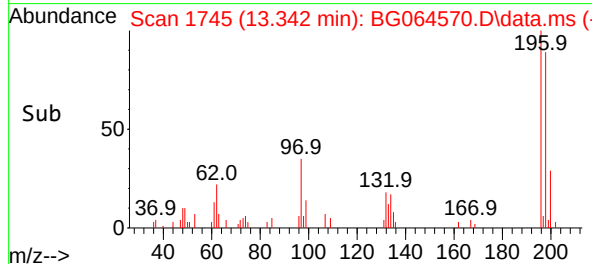
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



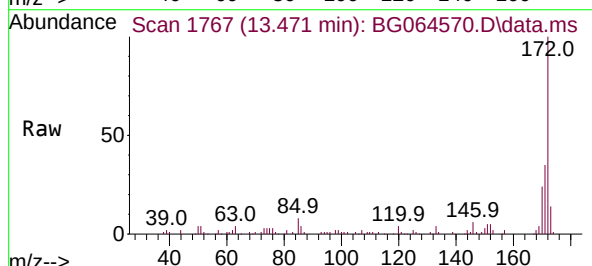
Tgt Ion:196 Resp: 1115
Ion Ratio Lower Upper
196 100
198 88.6 74.2 111.4
97 35.1 37.0 55.6
132 18.5 18.5 27.7

Manual Integrations
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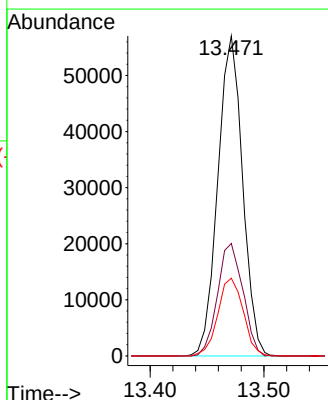
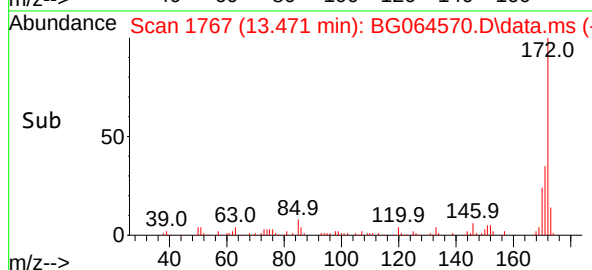
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

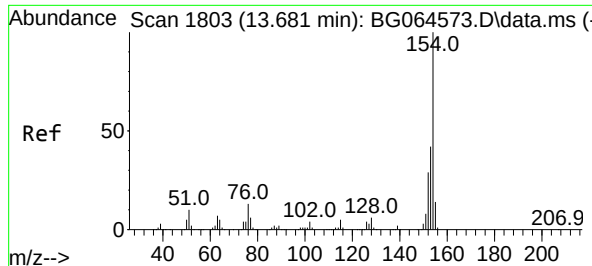


#45
2-Fluorobiphenyl
Concen: 9.932 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:172 Resp: 86089
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 24.3 19.1 28.7





#46

1,1'-Biphenyl

Concen: 5.122 ng

RT: 13.683 min Scan# 1803

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

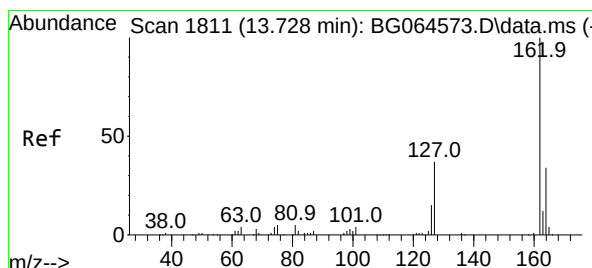
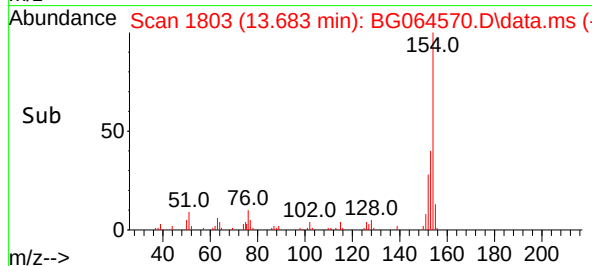
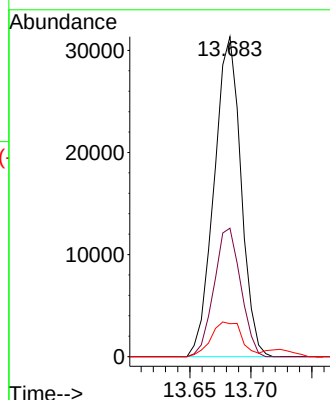
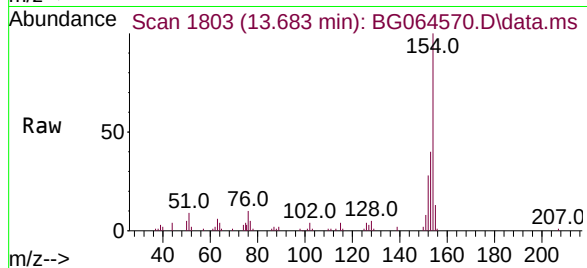
Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:	154	Resp:	47840
Ion Ratio	Lower	Upper	
154	100		
153	40.1	22.4	62.4
76	10.3	0.0	33.5

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#47

2-Chloronaphthalene

Concen: 4.961 ng

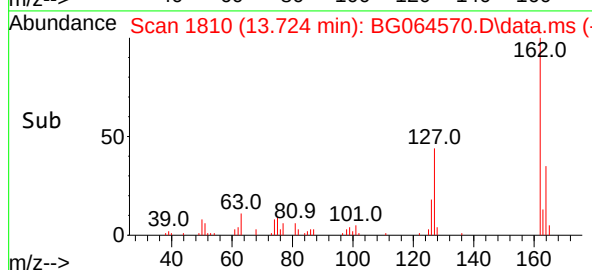
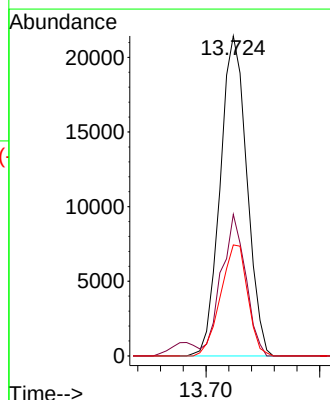
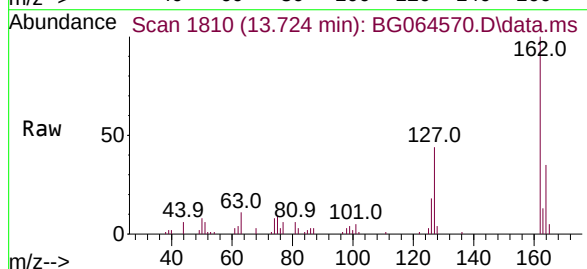
RT: 13.724 min Scan# 1810

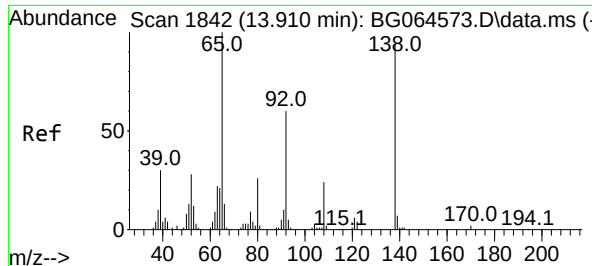
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	162	Resp:	34977
Ion Ratio	Lower	Upper	
162	100		
127	44.2	32.2	48.2
164	34.7	27.5	41.3





#48

2-Nitroaniline

Concen: 5.826 ng

RT: 13.906 min Scan# 1842

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

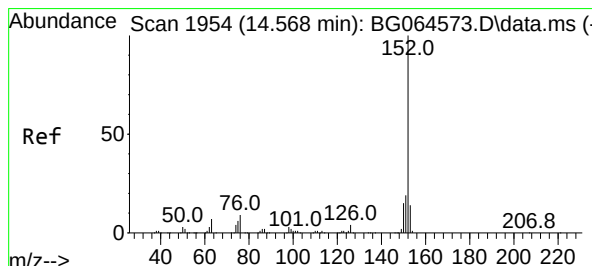
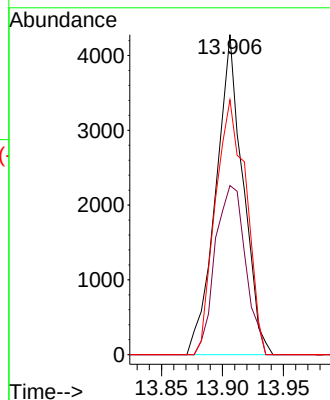
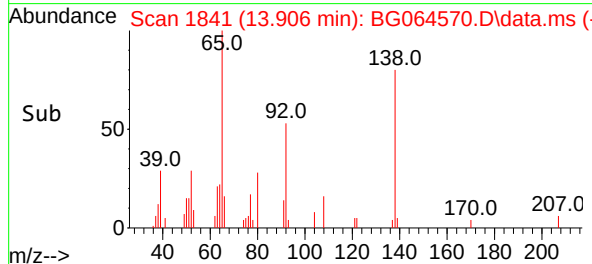
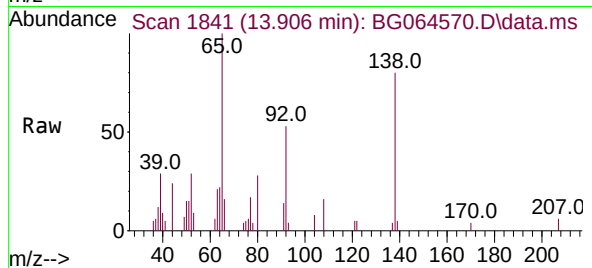
Tgt Ion:	65	Resp:	660
Ion Ratio	Lower	Upper	
65	100		
92	52.8	48.3	72.5
138	79.6	74.9	112.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#49

Acenaphthylene

Concen: 4.923 ng

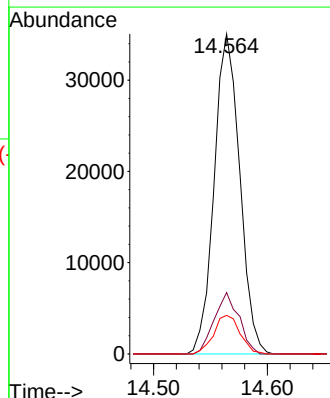
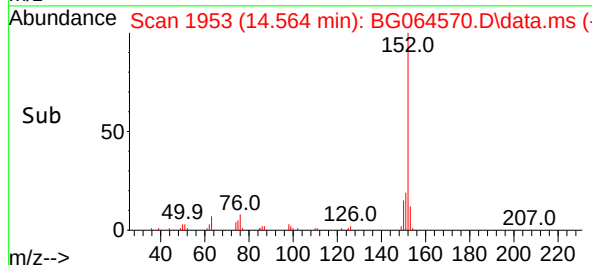
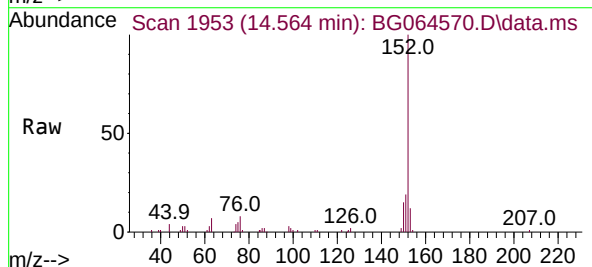
RT: 14.564 min Scan# 1953

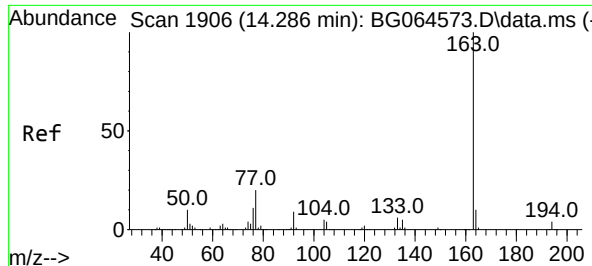
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	152	Resp:	54748
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.4	23.2
153	12.0	11.0	16.4





#50

Dimethylphthalate

Concen: 4.540 ng

RT: 14.282 min Scan# 1906

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:163 Resp: 45639

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

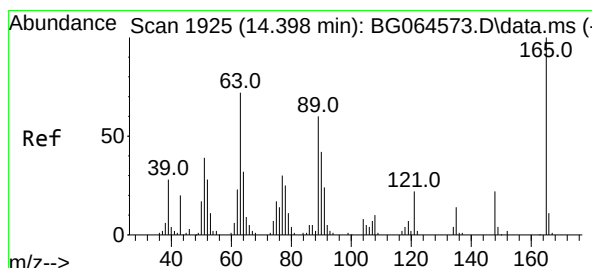
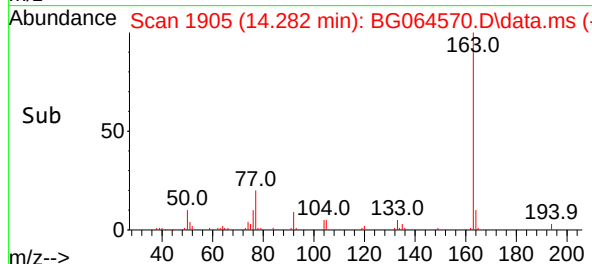
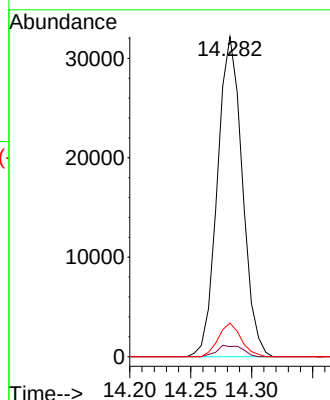
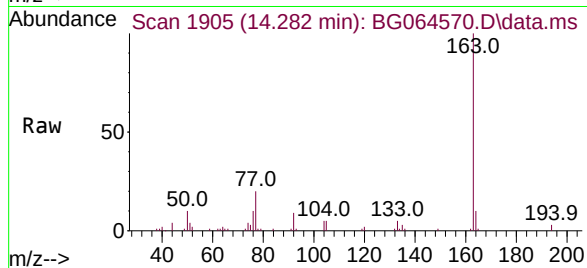
164 10.5 7.7 11.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#51

2,6-Dinitrotoluene

Concen: 5.535 ng

RT: 14.394 min Scan# 1924

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

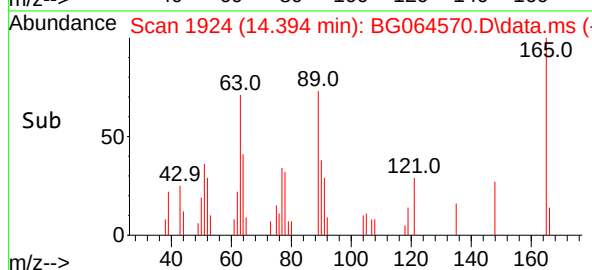
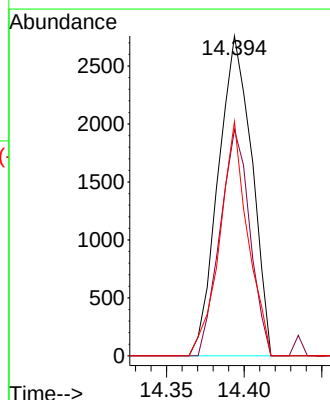
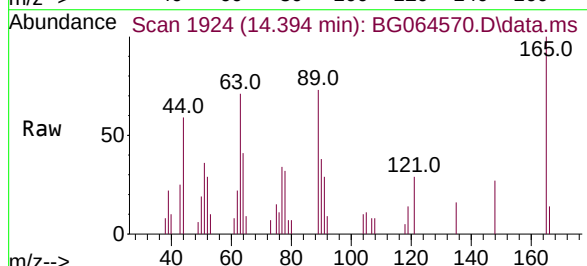
Tgt Ion:165 Resp: 4161

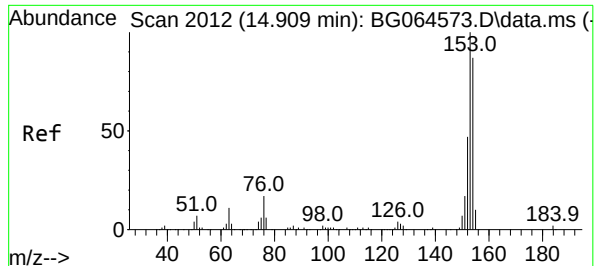
Ion Ratio Lower Upper

165 100

63 70.7 57.4 86.0

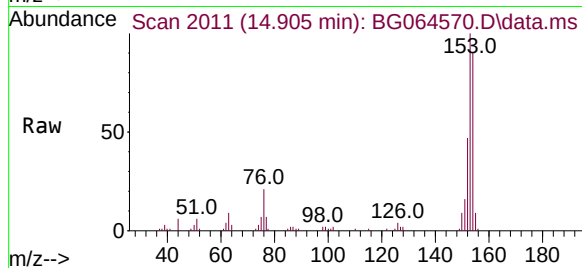
89 73.2 47.8 71.8#





#52
Acenaphthene
Concen: 4.867 ng
RT: 14.905 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

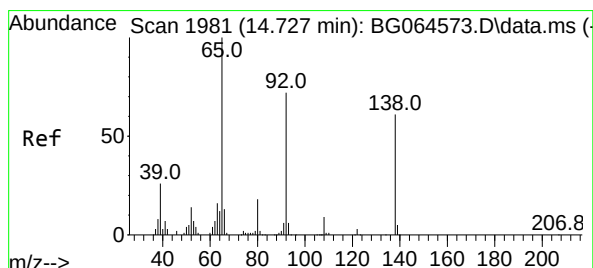
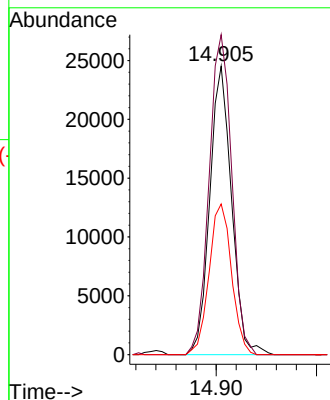
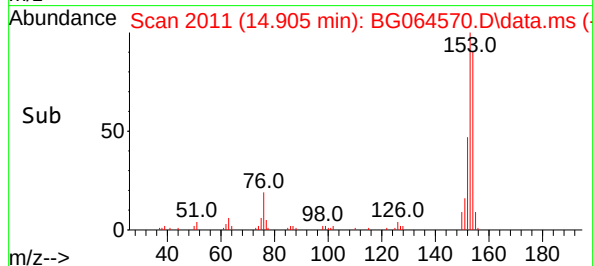
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



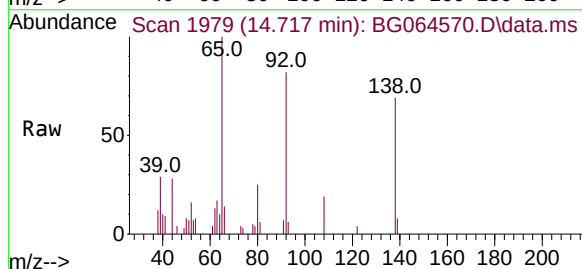
Tgt Ion:154 Resp: 36982
Ion Ratio Lower Upper
154 100
153 111.0 92.2 138.4
152 52.2 43.2 64.8

Manual Integrations
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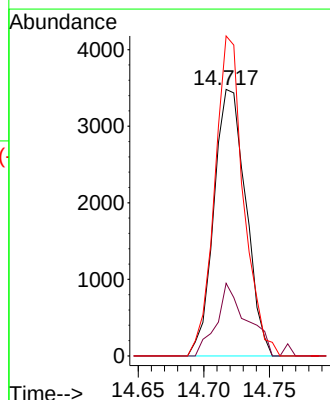
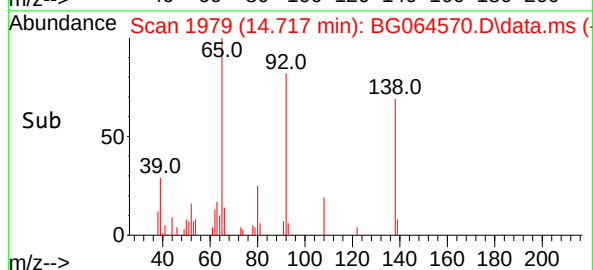
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

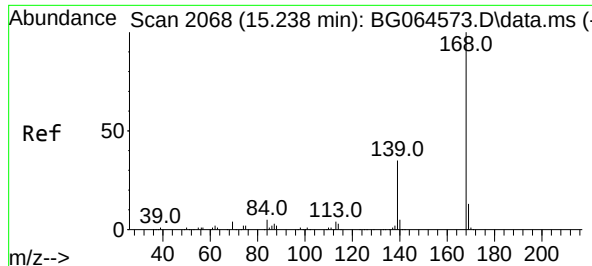


#53
3-Nitroaniline
Concen: 3.417 ng
RT: 14.717 min Scan# 1979
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:138 Resp: 5903
Ion Ratio Lower Upper
138 100
108 27.2 11.4 17.0#
92 120.0 95.3 142.9





#55

Dibenzofuran

Concen: 5.029 ng

RT: 15.234 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

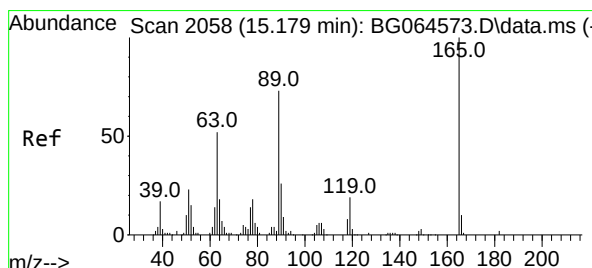
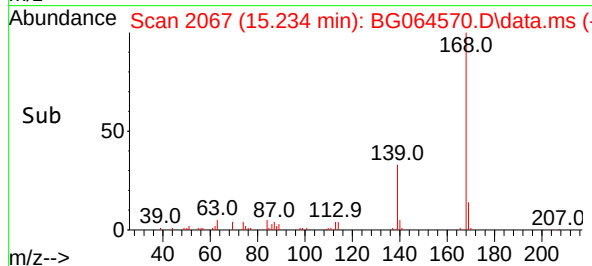
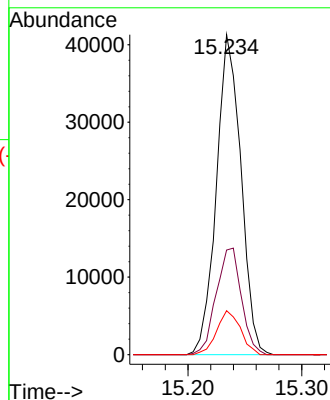
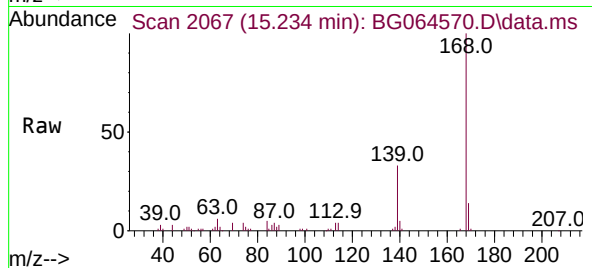
ClientSampleId :

SSTDICC005

Tgt Ion:168	Resp: 61779
Ion Ratio	Lower Upper
168	100
139	32.7 27.8 41.8
169	13.7 10.3 15.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#57

2,4-Dinitrotoluene

Concen: 5.721 ng

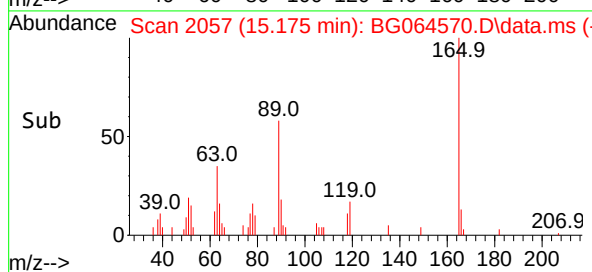
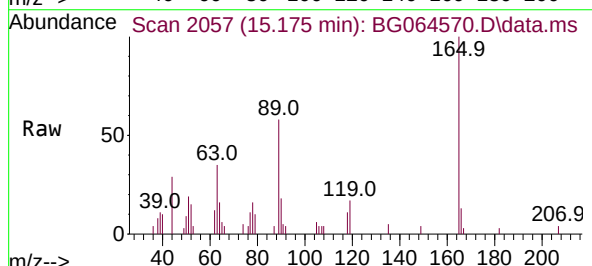
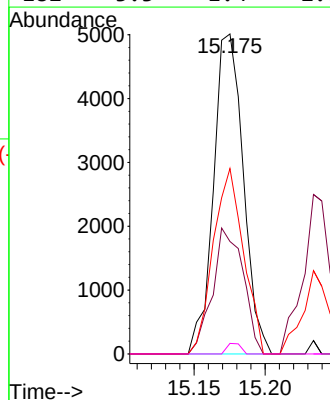
RT: 15.175 min Scan# 2057

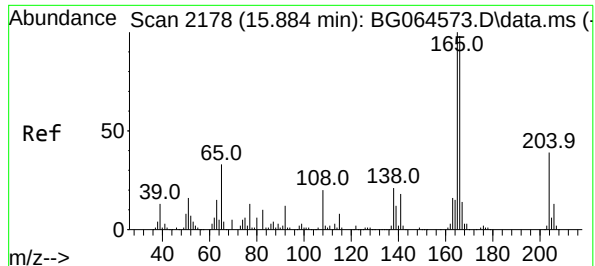
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:165	Resp: 7312
Ion Ratio	Lower Upper
165	100
63	35.1 41.8 62.8#
89	57.9 58.1 87.1#
182	3.3 1.4 2.0#





#58
Fluorene
Concen: 5.035 ng
RT: 15.880 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

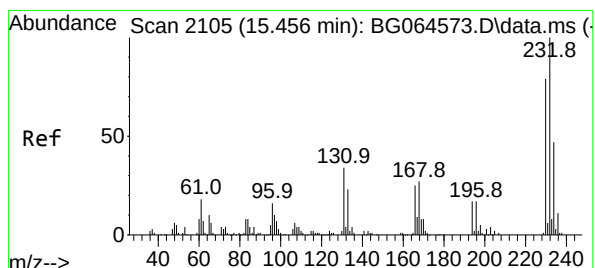
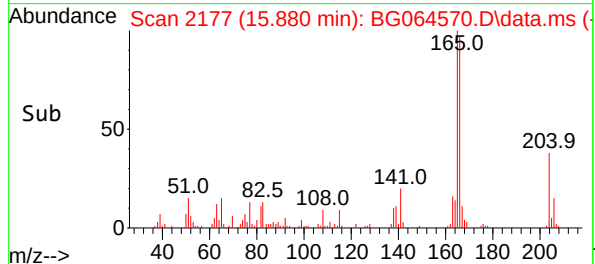
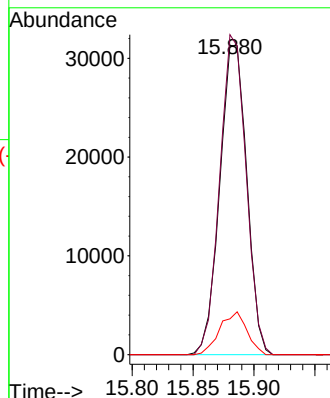
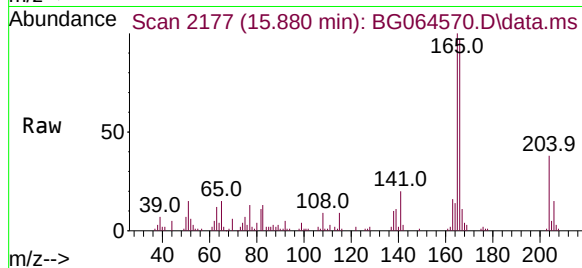
ClientSampleId :

SSTDIC005

Tgt Ion:	166	Resp:	48305
Ion Ratio	Lower	Upper	
166	100		
165	103.5	81.5	122.3
167	11.6	11.4	17.0

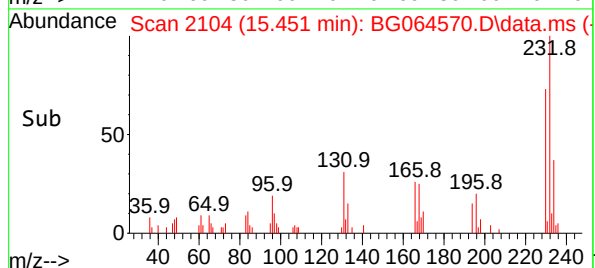
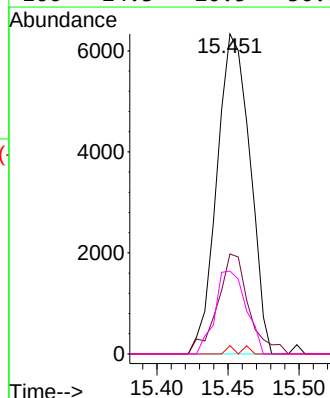
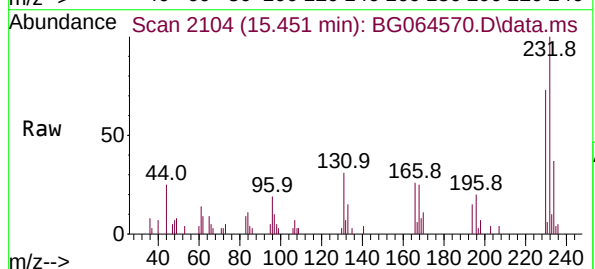
Manual Integrations
APPROVED

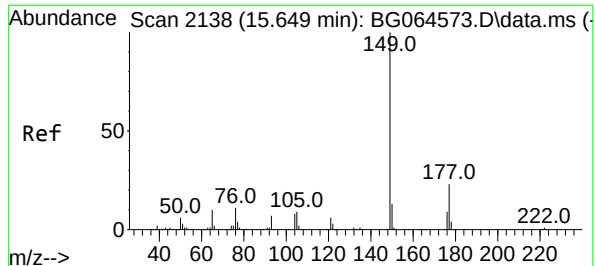
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.679 ng
RT: 15.451 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

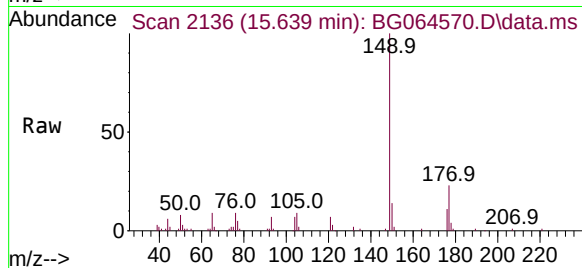
Tgt Ion:	232	Resp:	10241
Ion Ratio	Lower	Upper	
232	100		
131	29.7	26.7	40.1
130	1.1	1.6	2.4#
166	24.3	20.5	30.7





#60
Diethylphthalate
Concen: 4.533 ng
RT: 15.639 min Scan# 2138
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

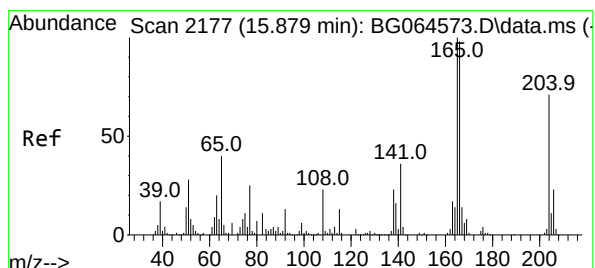
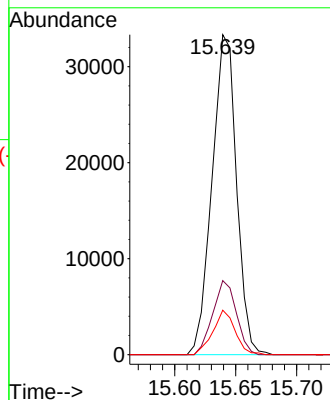
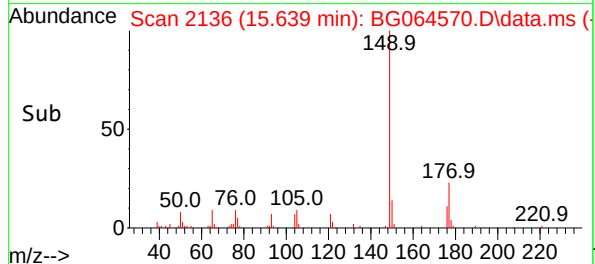
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



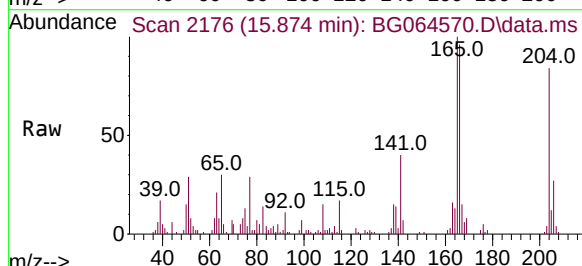
Tgt Ion:149 Resp: 46534
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 13.9 10.2 15.4

Manual Integrations
APPROVED

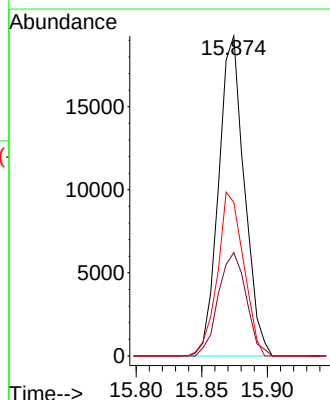
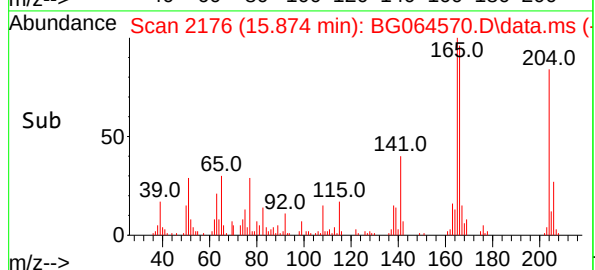
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

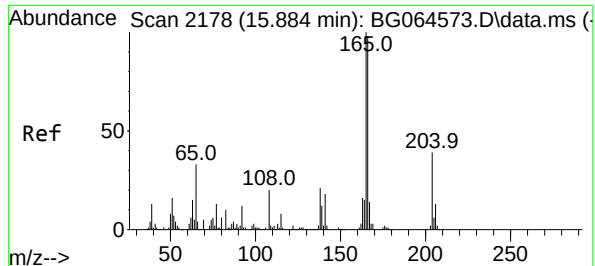


#61
4-Chlorophenyl-phenylether
Concen: 4.880 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:204 Resp: 26270
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 48.0 40.6 60.8





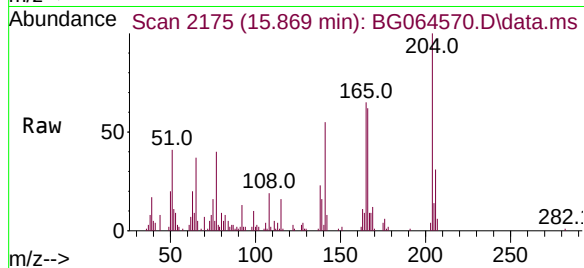
#62
4-Nitroaniline
Concen: 3.321 ng
RT: 15.869 min Scan# 2175
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

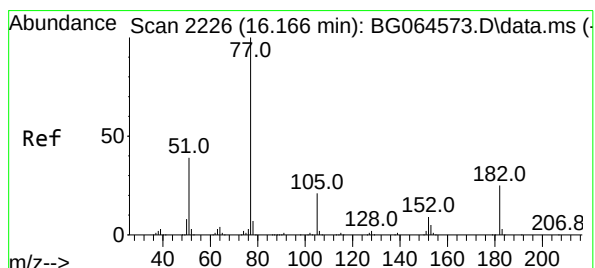
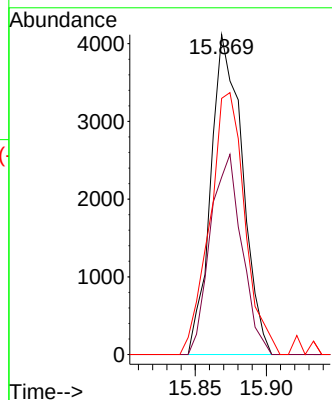
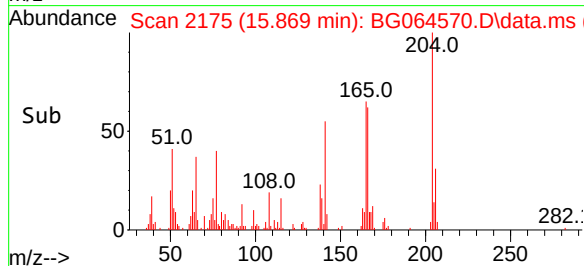
SSTDICC005



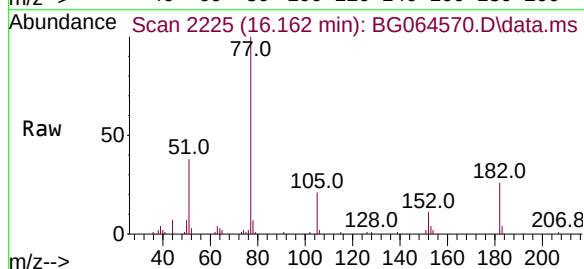
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	36.1	76.1
108	80.1	75.6	115.6

Manual Integrations
APPROVED

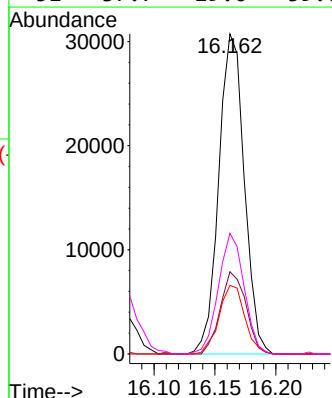
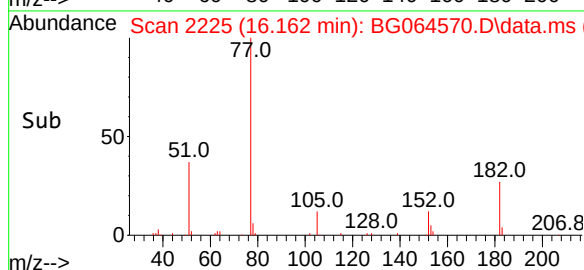
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

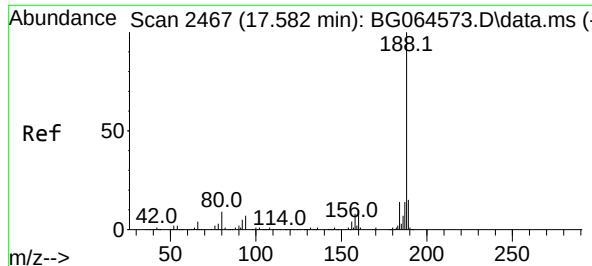


#63
Azobenzene
Concen: 4.749 ng
RT: 16.162 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



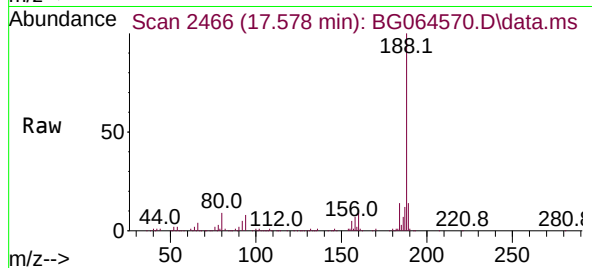
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	21.4	1.3	41.3
51	37.7	19.0	59.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

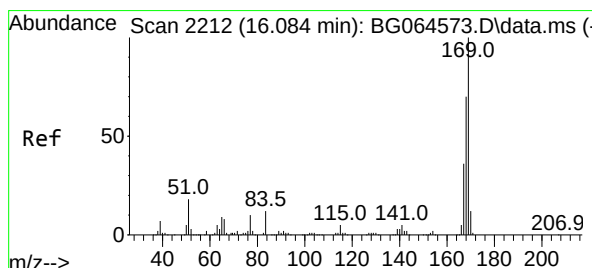
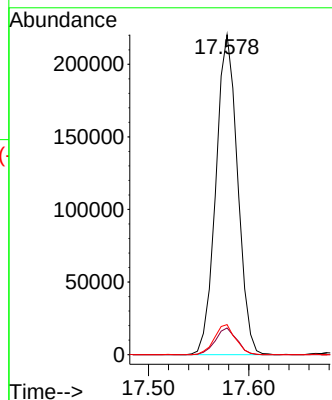
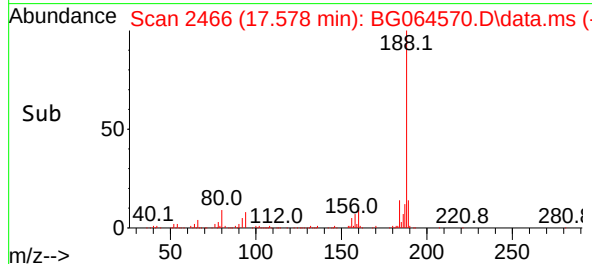
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



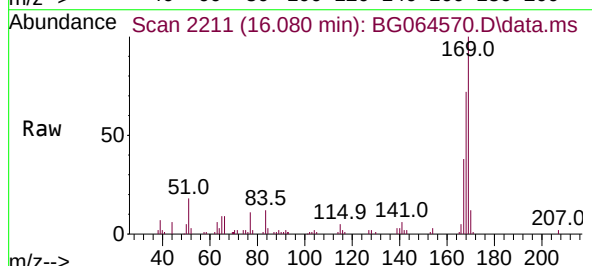
Tgt Ion:188 Resp: 331372
Ion Ratio Lower Upper
188 100
94 8.3 5.7 8.5
80 9.4 6.8 10.2

Manual Integrations
APPROVED

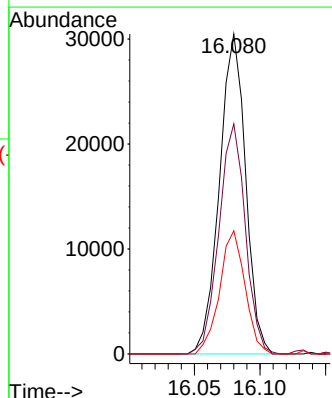
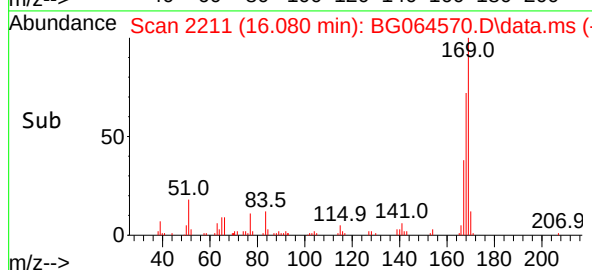
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

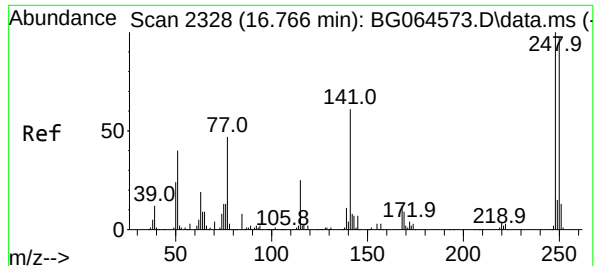


#66
n-Nitrosodiphenylamine
Concen: 4.725 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



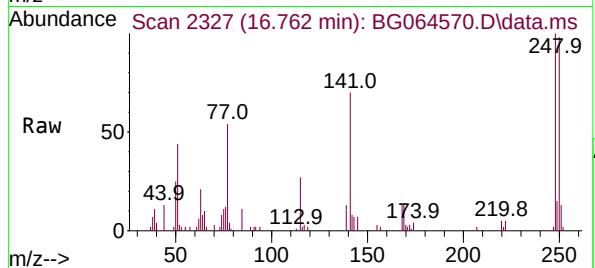
Tgt Ion:169 Resp: 42291
Ion Ratio Lower Upper
169 100
168 71.9 56.3 84.5
167 38.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 16.762 min Scan# 2328
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

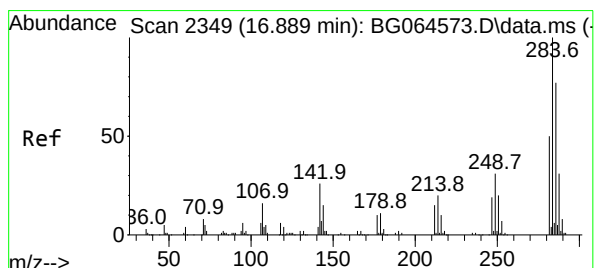
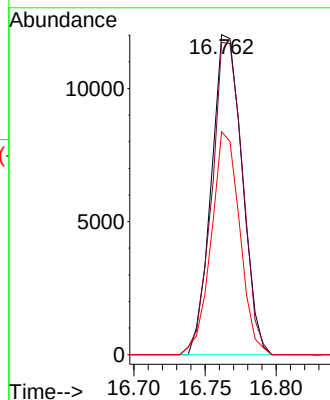
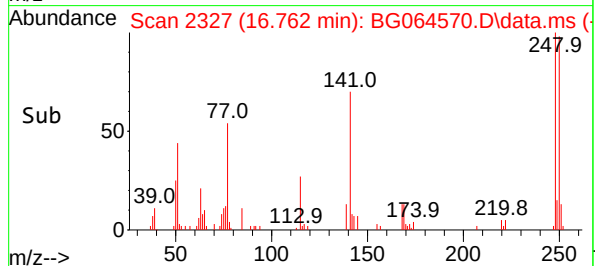
Instrument :
BNA_G
ClientSampleId :
SSTDIC005



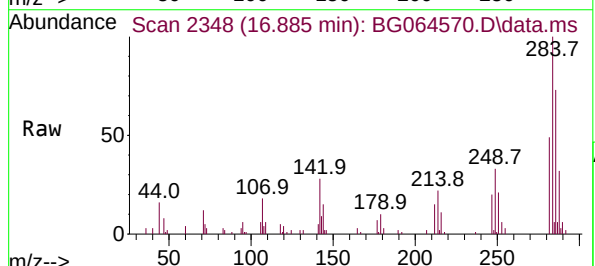
Tgt Ion:248 Resp: 18064
Ion Ratio Lower Upper
248 100
250 97.5 77.7 116.5
141 69.6 48.6 72.8

Manual Integrations
APPROVED

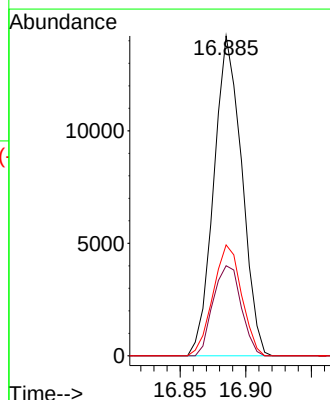
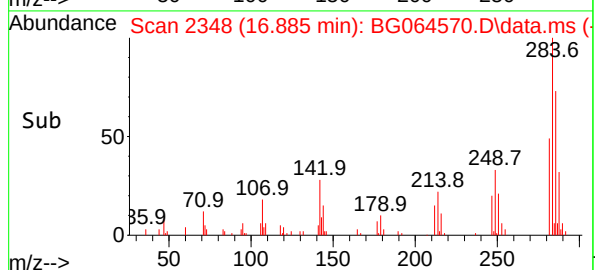
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

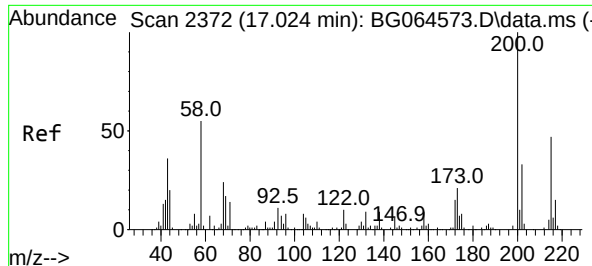


#68
Hexachlorobenzene
Concen: 4.705 ng
RT: 16.885 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:284 Resp: 21076
Ion Ratio Lower Upper
284 100
142 28.2 21.0 31.6
249 34.7 24.9 37.3





#69

Atrazine

Concen: 4.616 ng

RT: 17.014 min Scan# 2372

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

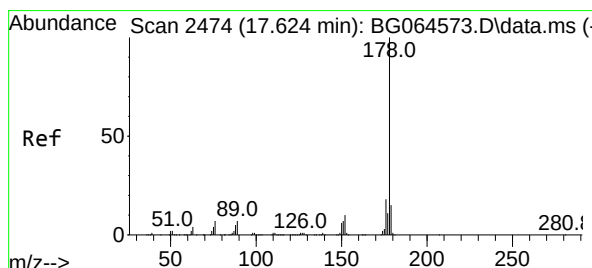
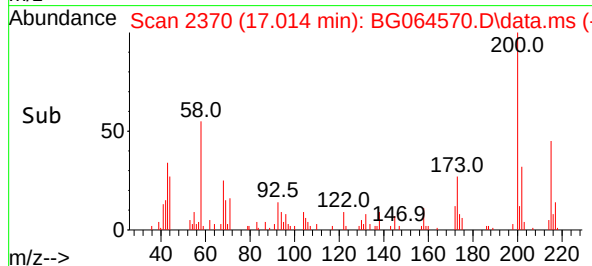
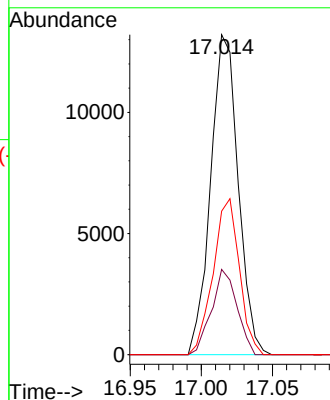
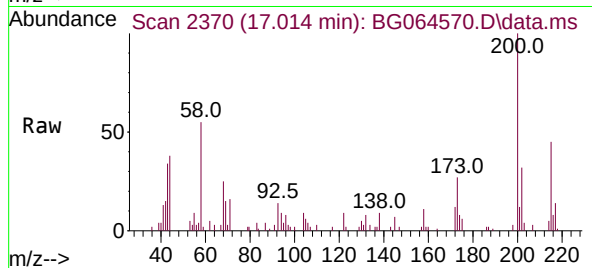
ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17783
Ion Ratio Lower Upper
200 100
173 26.6 0.9 40.9
215 44.8 27.0 67.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#71

Phenanthrene

Concen: 4.954 ng

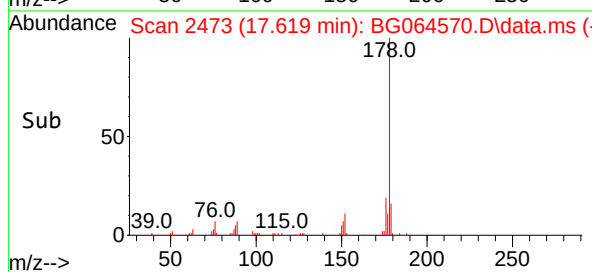
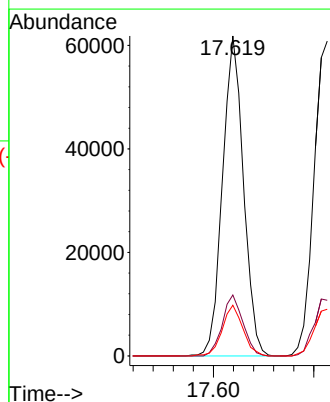
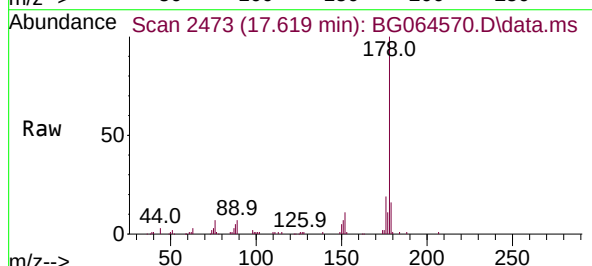
RT: 17.619 min Scan# 2473

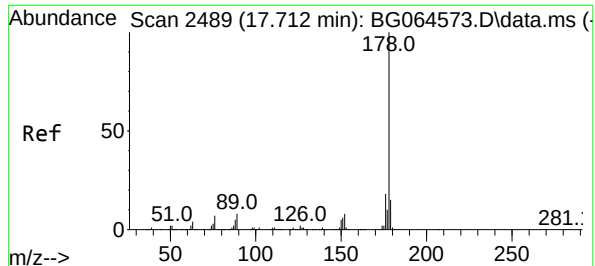
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

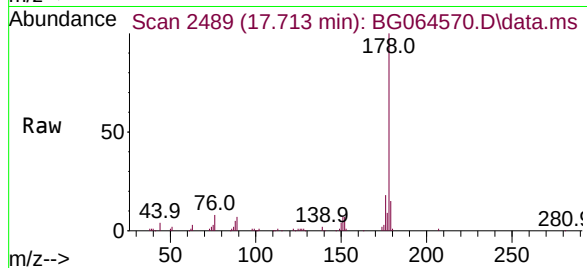
Tgt Ion:178 Resp: 89771
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.8 12.2 18.4





#72
Anthracene
Concen: 4.886 ng
RT: 17.713 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

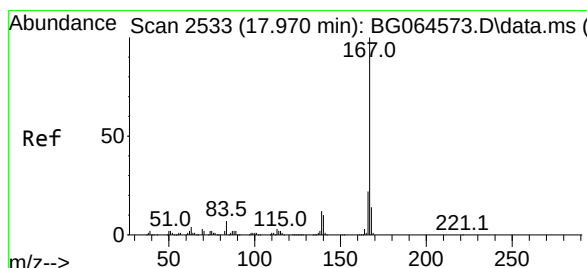
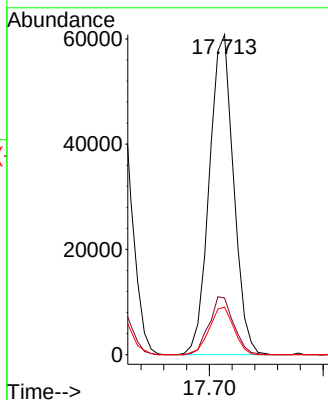
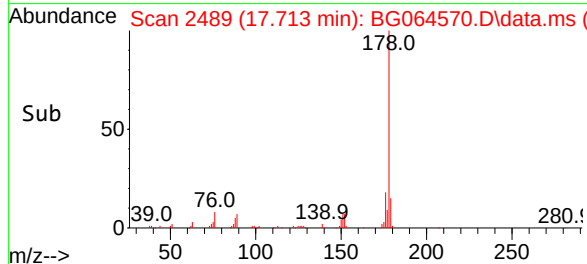
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



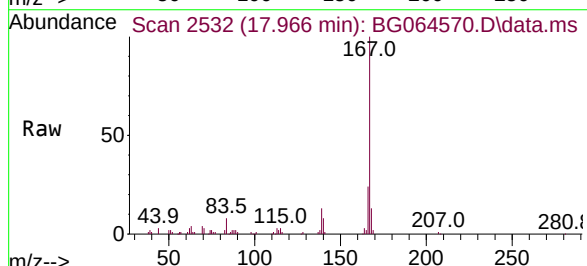
Tgt Ion:178 Resp: 90063
Ion Ratio Lower Upper
178 100
176 17.7 14.4 21.6
179 14.8 12.4 18.6

Manual Integrations
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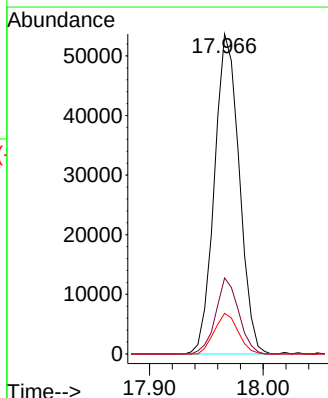
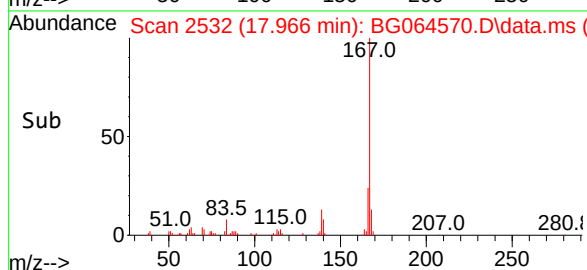
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

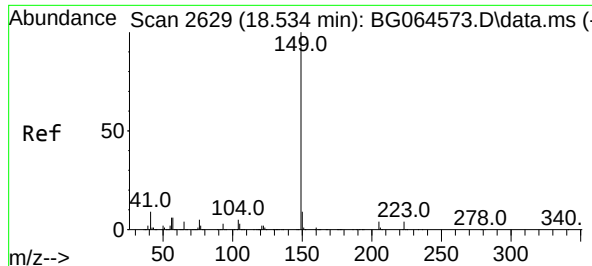


#73
Carbazole
Concen: 5.005 ng
RT: 17.966 min Scan# 2532
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



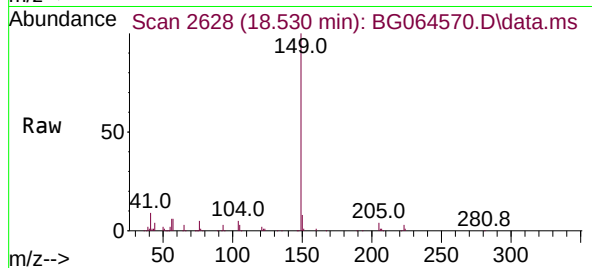
Tgt Ion:167 Resp: 81350
Ion Ratio Lower Upper
167 100
166 23.7 17.9 26.9
139 12.7 9.7 14.5





#74
Di-n-butylphthalate
Concen: 4.454 ng
RT: 18.530 min Scan# 2629
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

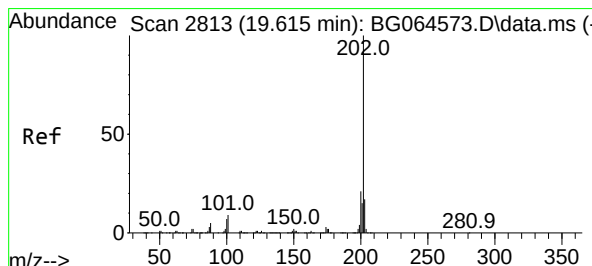
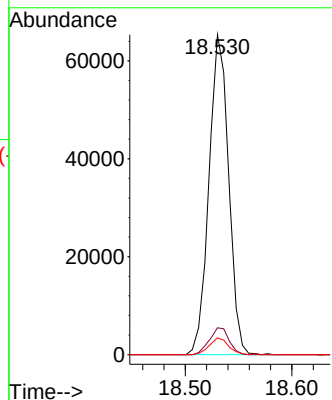
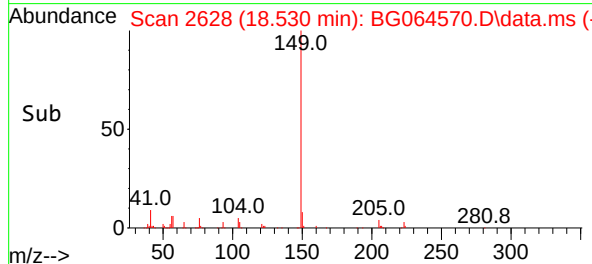
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 83713
Ion Ratio Lower Upper
149 100
150 8.4 7.0 10.6
104 5.2 4.1 6.1

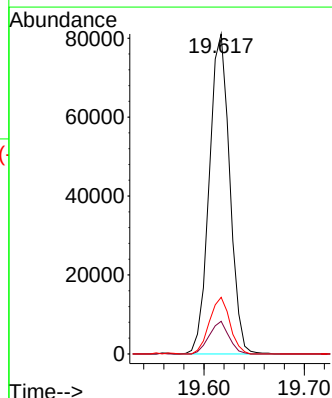
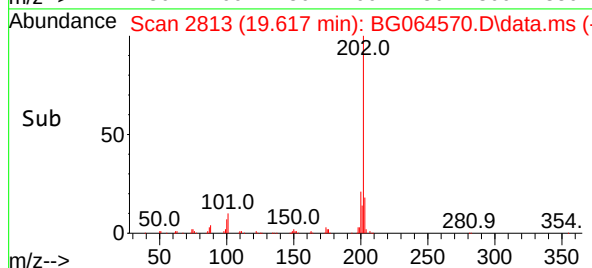
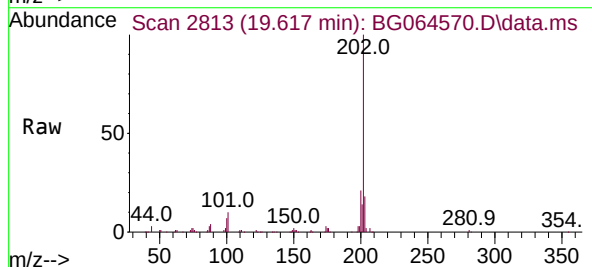
Manual Integrations
APPROVED

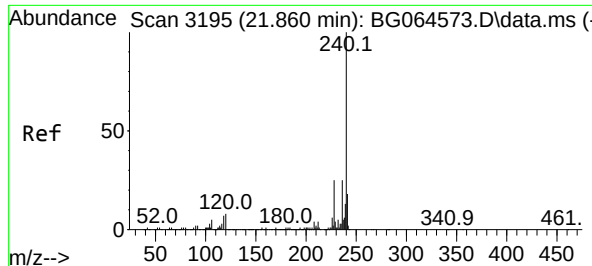
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#75
Fluoranthene
Concen: 5.054 ng
RT: 19.617 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

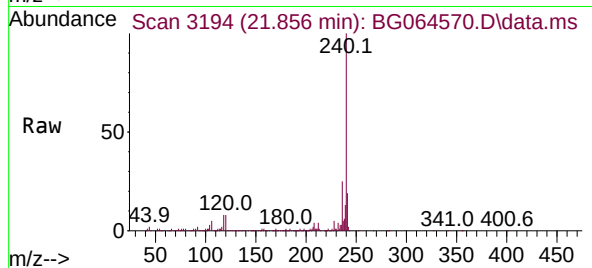
Tgt Ion:202 Resp: 114724
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.7
203 17.7 0.0 37.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3195
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

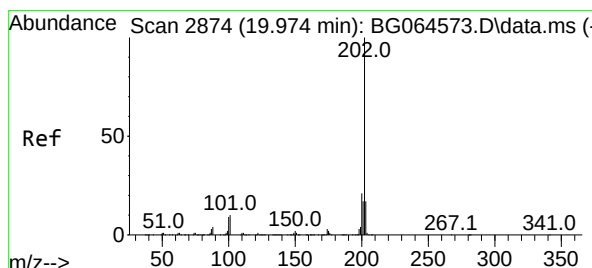
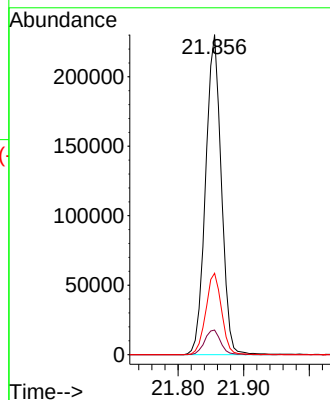
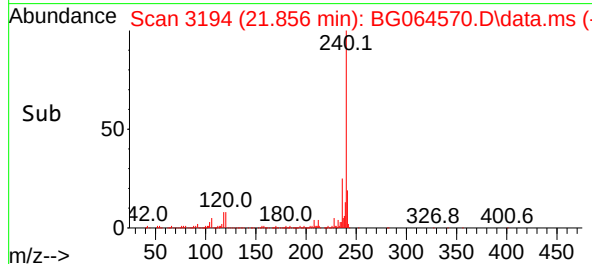
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 381389
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 25.4 20.2 30.2

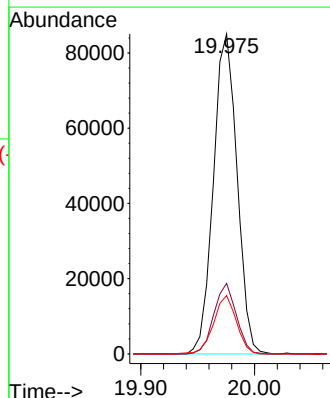
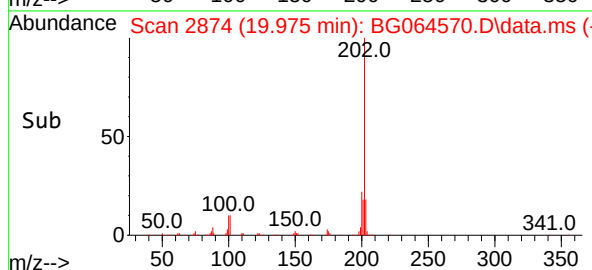
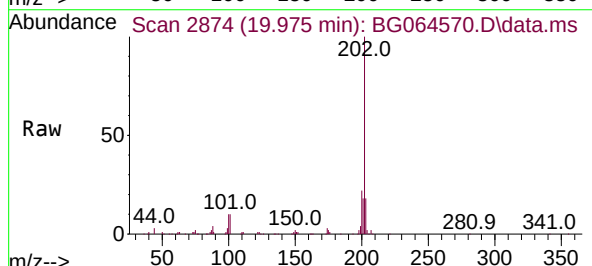
Manual Integrations
APPROVED

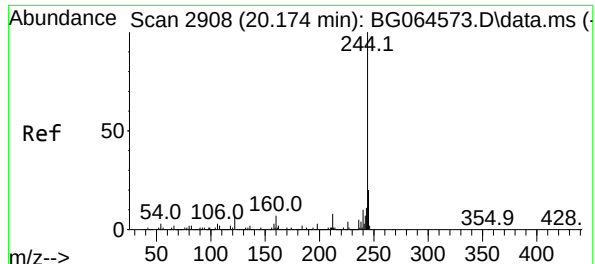
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 4.923 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

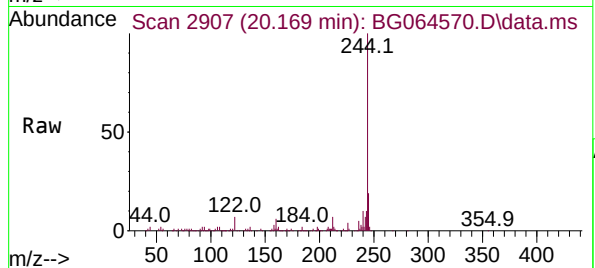
Tgt Ion:202 Resp: 122676
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.2 13.8 20.6





#79
Terphenyl-d14
Concen: 10.130 ng
RT: 20.169 min Scan# 2907
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

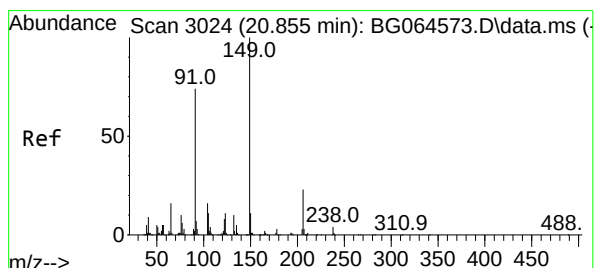
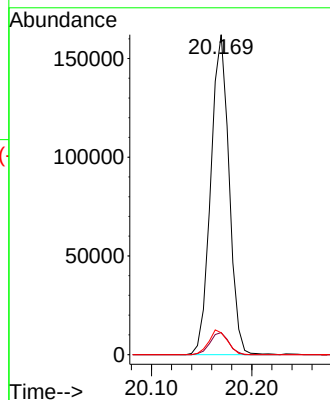
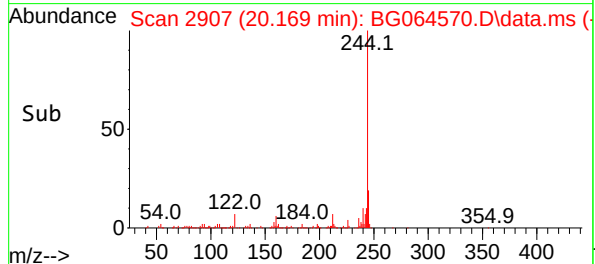
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:244 Resp: 204719
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 6.8 5.6 8.4

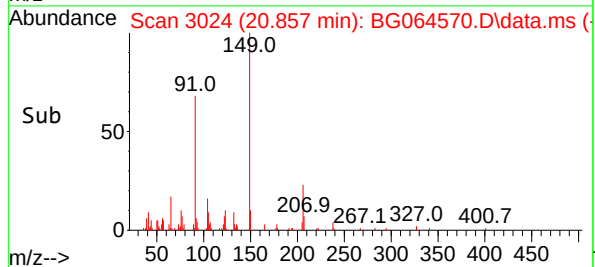
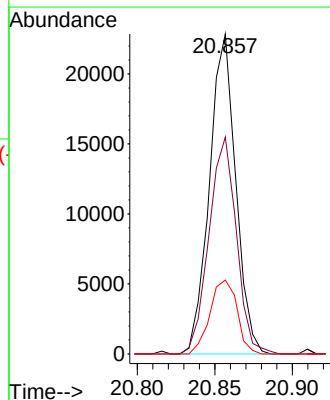
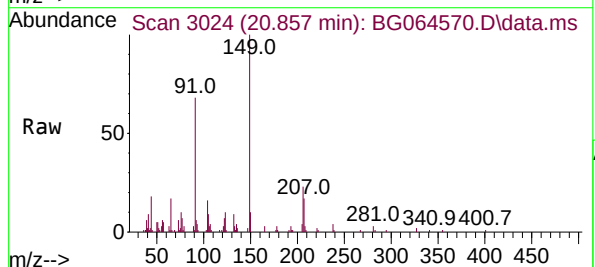
Manual Integrations
APPROVED

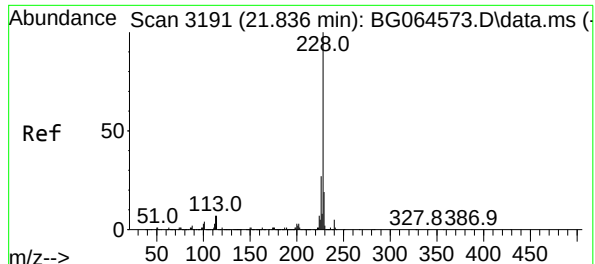
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#80
Butylbenzylphthalate
Concen: 3.595 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:149 Resp: 27072
Ion Ratio Lower Upper
149 100
91 67.8 59.2 88.8
206 23.1 18.1 27.1





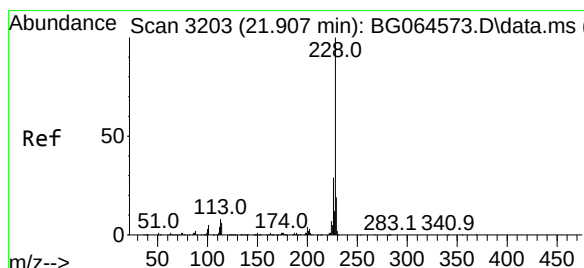
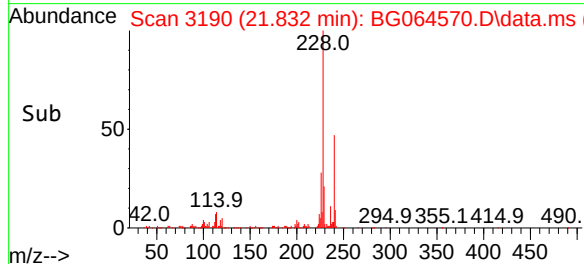
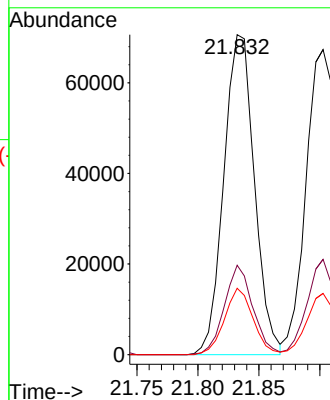
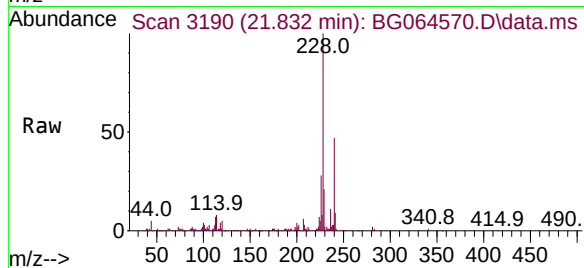
#81
Benzo(a)anthracene
Concen: 4.878 ng
RT: 21.832 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 123345
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 20.7 15.6 23.4

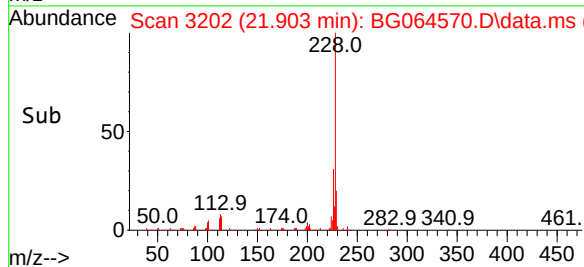
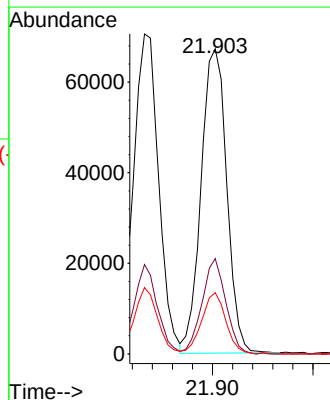
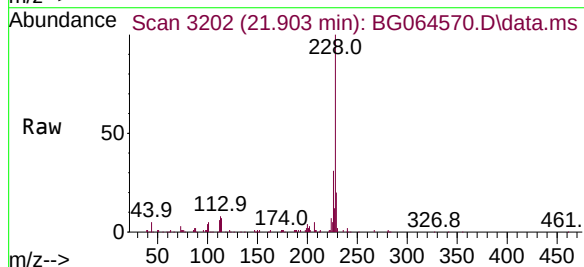
Manual Integrations
APPROVED

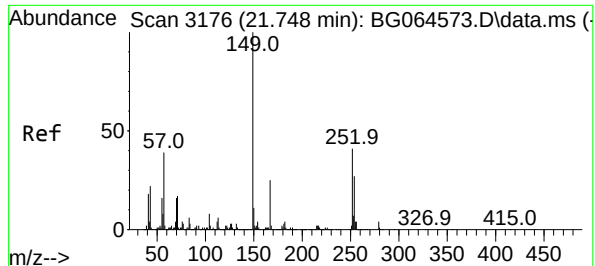
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#83
Chrysene
Concen: 4.949 ng
RT: 21.903 min Scan# 3202
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:228 Resp: 119080
Ion Ratio Lower Upper
228 100
226 31.2 23.3 34.9
229 20.1 15.2 22.8





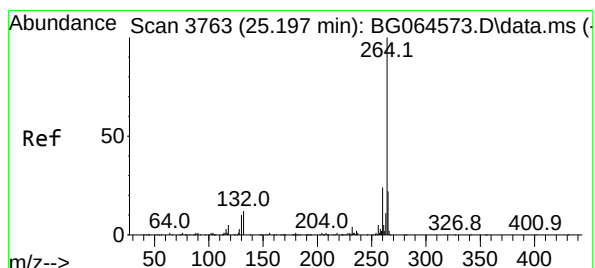
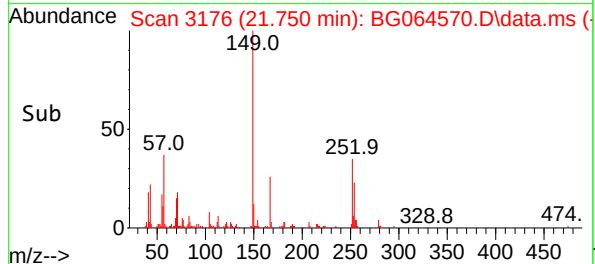
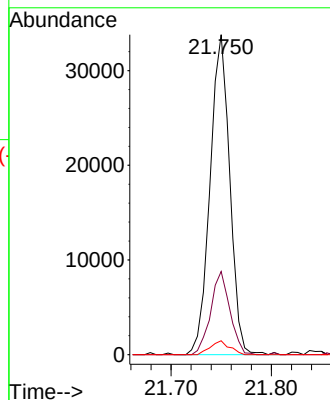
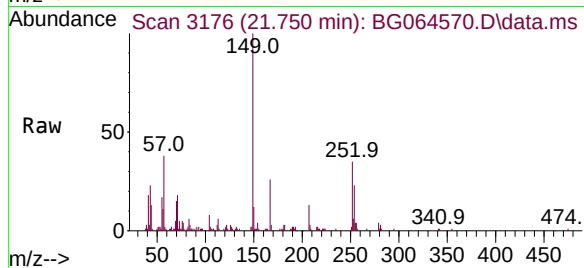
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.098 ng
RT: 21.750 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 4611
Ion Ratio Lower Upper
149 100
167 26.0 20.0 30.0
279 4.3 3.1 4.7

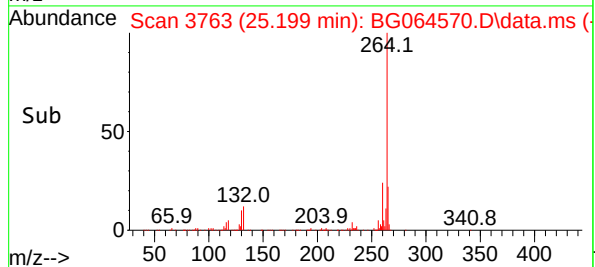
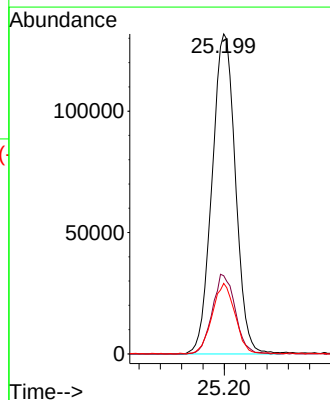
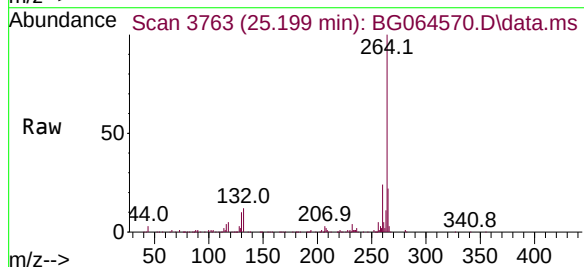
Manual Integrations
APPROVED

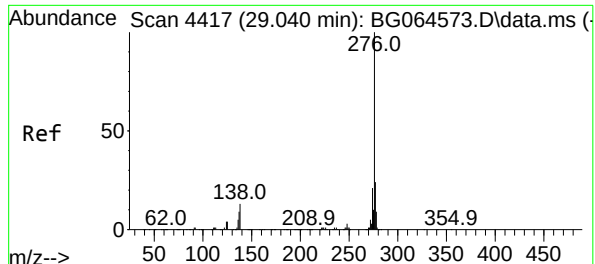
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3763
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

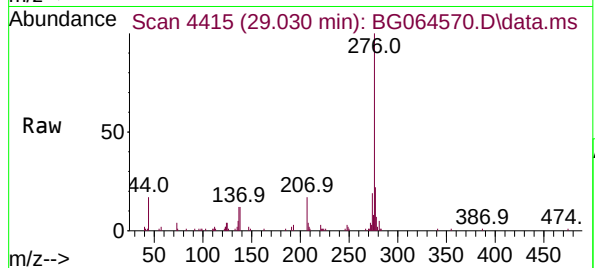
Tgt Ion:264 Resp: 401350
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 22.1 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.700 ng
RT: 29.030 min Scan# 4417
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

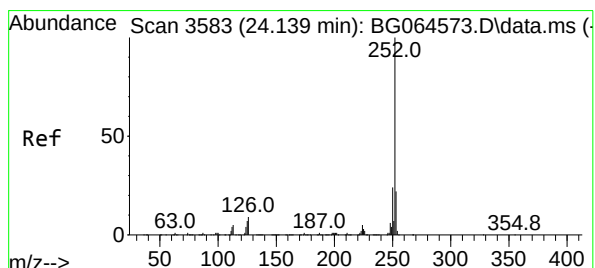
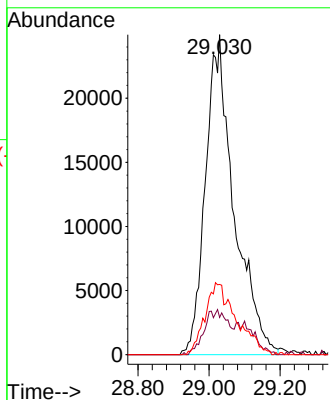
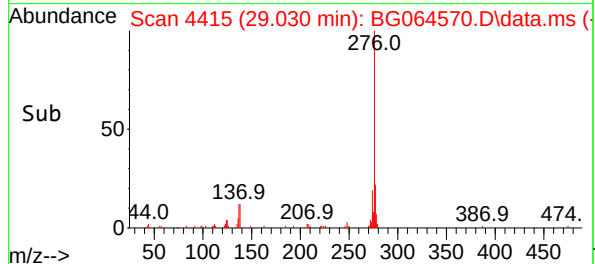
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 138758
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2
277 24.6 20.1 30.1

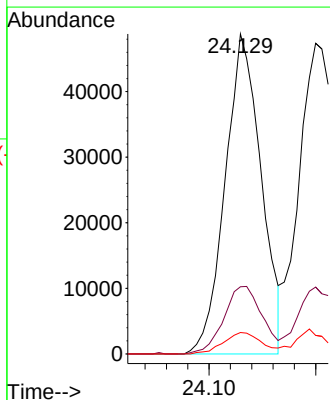
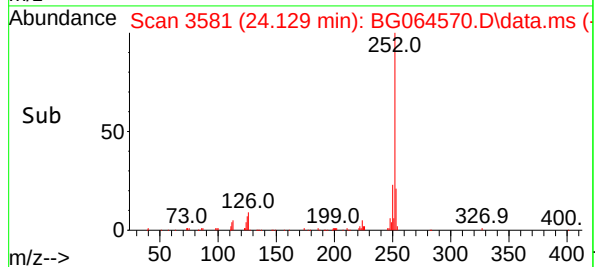
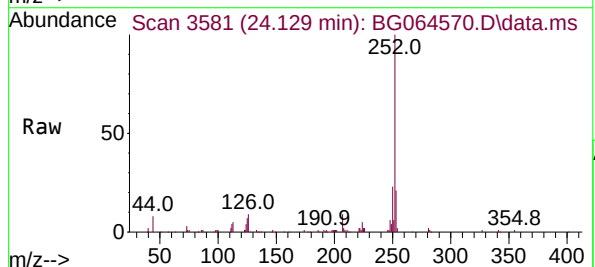
Manual Integrations
APPROVED

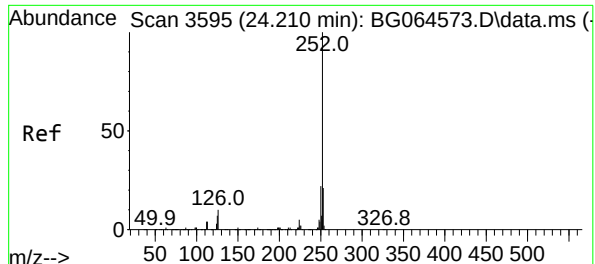
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 4.640 ng
RT: 24.129 min Scan# 3581
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 252 Resp: 114203
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 6.7 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 4.787 ng

RT: 24.200 min Scan# 3595

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

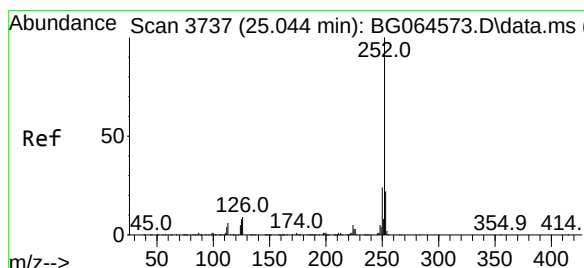
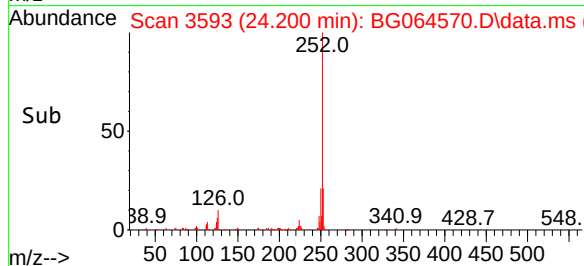
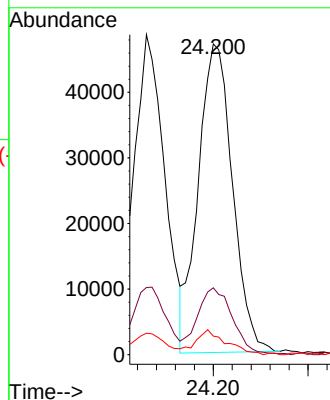
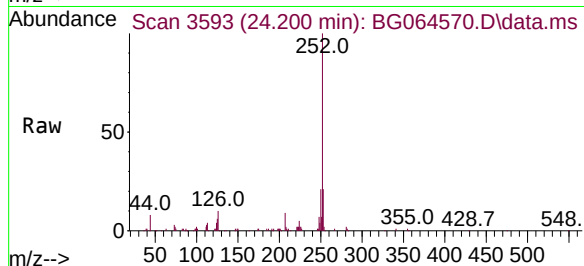
SSTDICC005

Tgt Ion	252	253	125
Ratio	100	21.5	6.0
Lower		16.8	5.4
Upper		25.2	8.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 4.704 ng

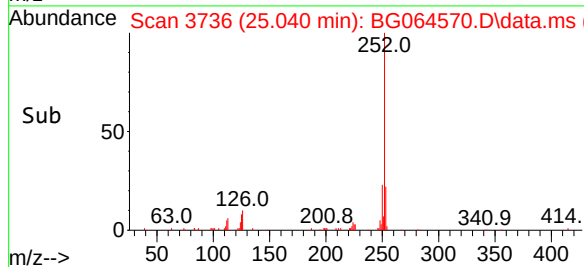
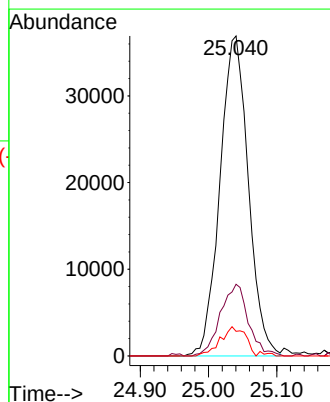
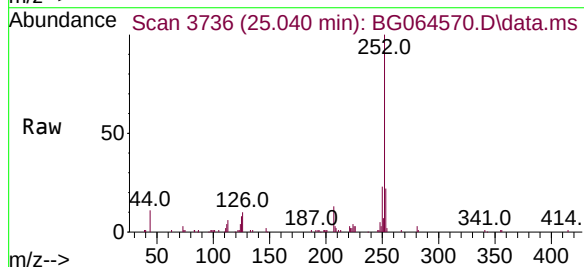
RT: 25.040 min Scan# 3736

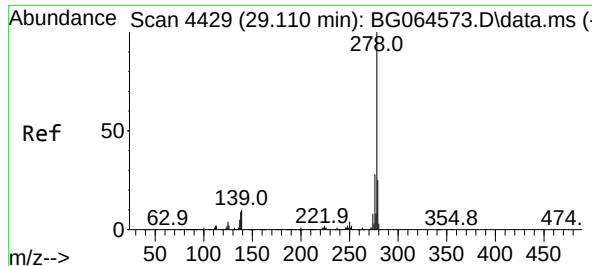
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion	252	253	125
Ratio	100	22.4	7.7
Lower		17.6	6.1
Upper		26.4	9.1





#91

Dibenzo(a,h)anthracene

Concen: 4.686 ng

RT: 29.100 min Scan# 4429

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:278 Resp: 112398

Ion Ratio Lower Upper

278 100

139 10.5 8.0 12.0

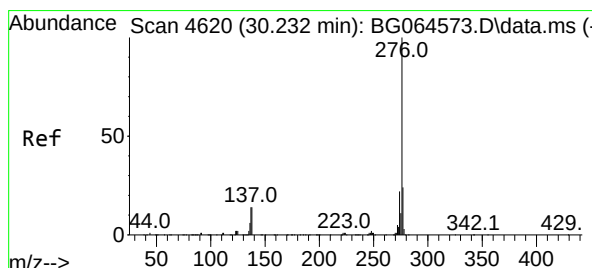
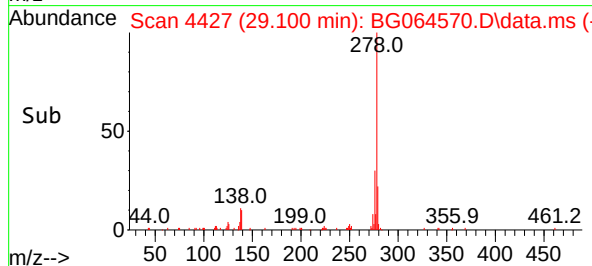
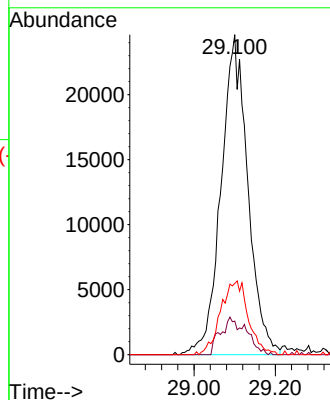
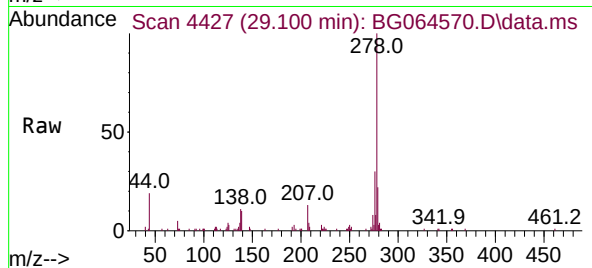
279 22.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#92

Benzo(g,h,i)perylene

Concen: 4.731 ng

RT: 30.216 min Scan# 4617

Delta R.T. -0.016 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

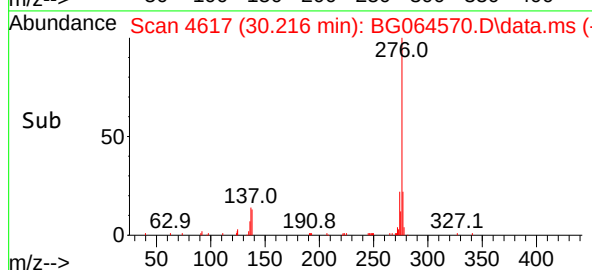
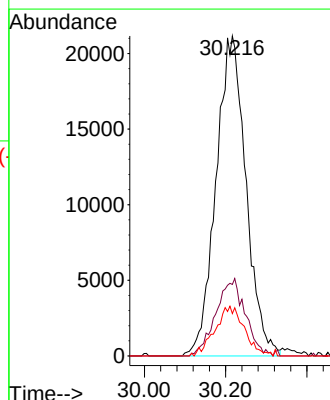
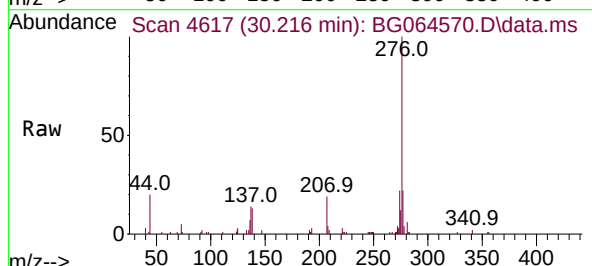
Tgt Ion:276 Resp: 108407

Ion Ratio Lower Upper

276 100

277 22.3 19.1 28.7

138 13.2 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064571.D
 Acq On : 24 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:59:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	36324	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	151627	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	117618	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	300549	20.000	ng	0.00
76) Chrysene-d12	21.855	240	343958	20.000	ng	0.00
86) Perylene-d12	25.198	264	354939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	43837	20.257	ng	0.00
7) Phenol-d6	7.348	99	60084	20.233	ng	0.00
23) Nitrobenzene-d5	9.381	82	43376	17.182	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	31236	18.400	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	163340	21.050	ng	0.00
79) Terphenyl-d14	20.168	244	385094	21.129	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	10545	11.006	ng	97
3) Pyridine	3.999	79	29199	10.148	ng	95
4) n-Nitrosodimethylamine	3.905	42	16561	10.733	ng	# 92
6) Aniline	7.530	93	42134	10.427	ng	97
8) 2-Chlorophenol	7.777	128	21922	9.678	ng	96
9) Benzaldehyde	7.342	77	17117	10.558	ng	94
10) Phenol	7.372	94	33058	10.066	ng	87
11) bis(2-Chloroethyl)ether	7.618	93	25594	10.600	ng	91
12) 1,3-Dichlorobenzene	8.112	146	27537	10.562	ng	98
13) 1,4-Dichlorobenzene	8.253	146	28081	10.593	ng	91
14) 1,2-Dichlorobenzene	8.576	146	27577	10.785	ng	96
15) Benzyl Alcohol	8.447	79	23263	9.500	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.741	45	65452	10.334	ng	97
17) 2-Methylphenol	8.647	107	22254	10.206	ng	97
18) Hexachloroethane	9.322	117	9723	10.452	ng	93
19) n-Nitroso-di-n-propyla...	9.017	70	20724	10.098	ng	# 98
20) 3+4-Methylphenols	8.970	107	30009	9.786	ng	95
22) Acetophenone	9.040	105	42851	10.338	ng	# 93
24) Nitrobenzene	9.422	77	23618	8.602	ng	98
25) Isophorone	9.951	82	60347	9.962	ng	98
26) 2-Nitrophenol	10.139	139	7208	9.491	ng	# 91
27) 2,4-Dimethylphenol	10.192	122	22259	9.879	ng	96
28) bis(2-Chloroethoxy)met...	10.433	93	35170	10.197	ng	98
29) 2,4-Dichlorophenol	10.680	162	22643	9.338	ng	94
30) 1,2,4-Trichlorobenzene	10.903	180	27947	10.143	ng	93
31) Naphthalene	11.097	128	86750	10.319	ng	99
32) Benzoic acid	10.245	122	10748m	10.637	ng	
33) 4-Chloroaniline	11.185	127	34581	10.583	ng	97
34) Hexachlorobutadiene	11.390	225	22099	10.256	ng	95
35) Caprolactam	11.931	113	8521	9.162	ng	92
36) 4-Chloro-3-methylphenol	12.289	107	28904	9.916	ng	98
37) 2-Methylnaphthalene	12.689	142	65070	10.543	ng	95
38) 1-Methylnaphthalene	12.906	142	64384	10.540	ng	95
40) 1,2,4,5-Tetrachloroben...	13.053	216	40253	10.197	ng	98
41) Hexachlorocyclopentadiene	13.036	237	15733	8.855	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	19584	8.673	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064571.D
 Acq On : 24 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:59:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	24973	9.584	ng	94
46) 1,1'-Biphenyl	13.682	154	85287	10.200	ng	96
47) 2-Chloronaphthalene	13.723	162	63631	10.081	ng	98
48) 2-Nitroaniline	13.905	65	13764	9.284	ng	91
49) Acenaphthylene	14.563	152	101526	10.198	ng	100
50) Dimethylphthalate	14.281	163	92308	10.256	ng	96
51) 2,6-Dinitrotoluene	14.393	165	10601	9.857	ng	87
52) Acenaphthene	14.904	154	69273	10.184	ng	97
53) 3-Nitroaniline	14.722	138	12414	8.026	ng	# 92
54) 2,4-Dinitrophenol	14.922	184	5082	10.760	ng	# 1
55) Dibenzofuran	15.239	168	115990	10.548	ng	97
56) 4-Nitrophenol	15.010	139	11207	7.815	ng	86
57) 2,4-Dinitrotoluene	15.174	165	15797	9.494	ng	# 94
58) Fluorene	15.879	166	91712	10.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.450	232	22645	9.088	ng	# 99
60) Diethylphthalate	15.644	149	96719	10.525	ng	98
61) 4-Chlorophenyl-phenyle...	15.873	204	50818	10.544	ng	97
62) 4-Nitroaniline	15.873	138	14819	8.612	ng	95
63) Azobenzene	16.161	77	88441	10.489	ng	97
65) 4,6-Dinitro-2-methylph...	15.938	198	8190	10.919	ng	86
66) n-Nitrosodiphenylamine	16.079	169	82787	10.197	ng	99
67) 4-Bromophenyl-phenylether	16.767	248	35433	9.949	ng	96
68) Hexachlorobenzene	16.884	284	39975	9.838	ng	94
69) Atrazine	17.019	200	34185	9.785	ng	99
70) Pentachlorophenol	17.225	266	19859	7.838	ng	96
71) Phenanthrene	17.618	178	170294	10.361	ng	99
72) Anthracene	17.712	178	171860	10.279	ng	98
73) Carbazole	17.965	167	155907	10.575	ng	99
74) Di-n-butylphthalate	18.529	149	173716	10.189	ng	99
75) Fluoranthene	19.616	202	219838	10.677	ng	98
77) Benzidine	19.781	184	67427	8.750	ng	99
78) Pyrene	19.975	202	228905	10.186	ng	99
80) Butylbenzylphthalate	20.850	149	61669	9.080	ng	94
81) Benzo(a)anthracene	21.831	228	233051	10.219	ng	99
82) 3,3'-Dichlorobenzidine	21.737	252	71951	9.448	ng	94
83) Chrysene	21.902	228	222018	10.231	ng	97
84) Bis(2-ethylhexyl)phtha...	21.749	149	95500	9.410	ng	# 99
85) Di-n-octyl phthalate	23.012	149	149877	8.759	ng	99
87) Indeno(1,2,3-cd)pyrene	29.023	276	264547	10.132	ng	93
88) Benzo(b)fluoranthene	24.128	252	221197	10.163	ng	98
89) Benzo(k)fluoranthene	24.199	252	223674	10.270	ng	98
90) Benzo(a)pyrene	25.033	252	202985	10.146	ng	98
91) Dibenzo(a,h)anthracene	29.099	278	217114	10.235	ng	99
92) Benzo(g,h,i)perylene	30.210	276	206153	10.173	ng	98

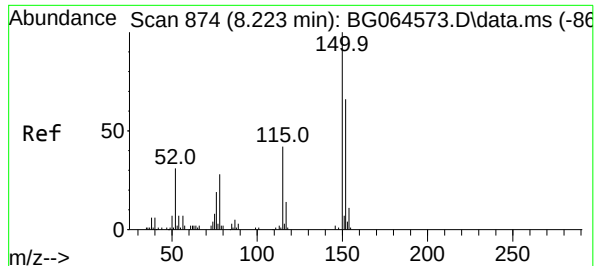
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Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations

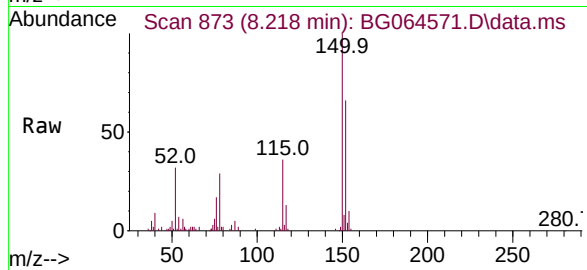
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

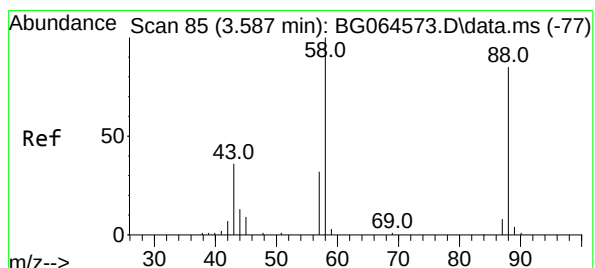
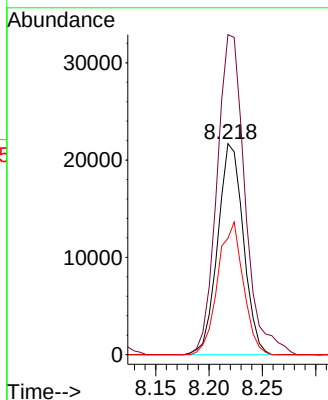
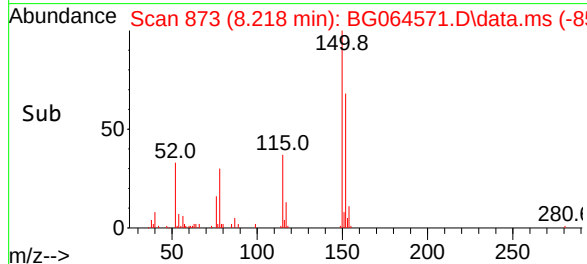
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 36324
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.4
115 55.1 50.8 76.2

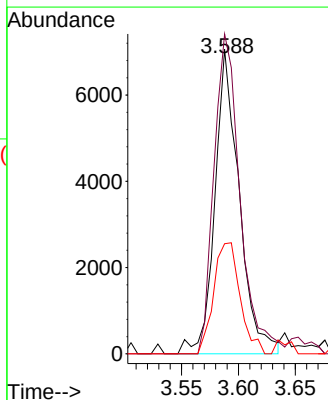
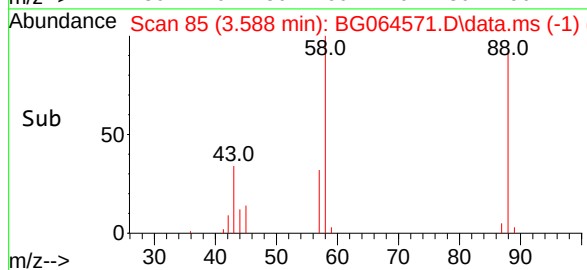
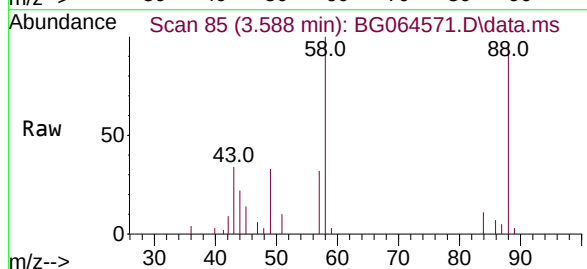
Manual Integrations
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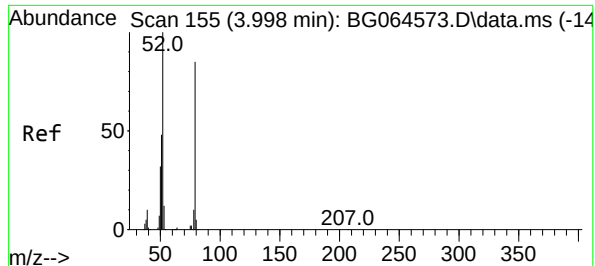
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 11.006 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

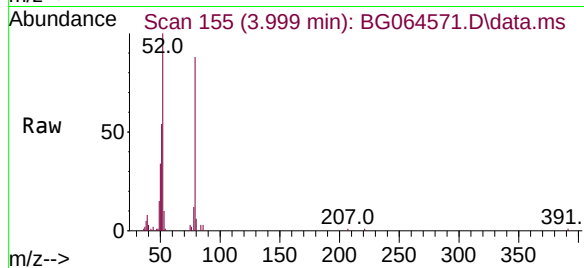
Tgt Ion: 88 Resp: 10545
Ion Ratio Lower Upper
88 100
58 112.0 92.4 138.6
43 39.4 33.0 49.6





#3
Pyridine
Concen: 10.148 ng
RT: 3.999 min Scan# 155
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

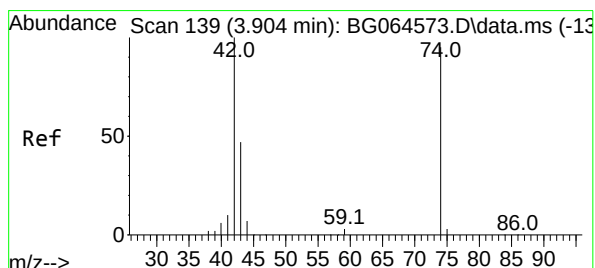
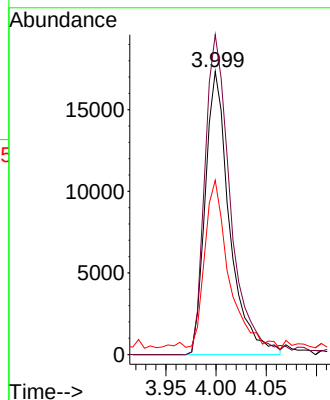
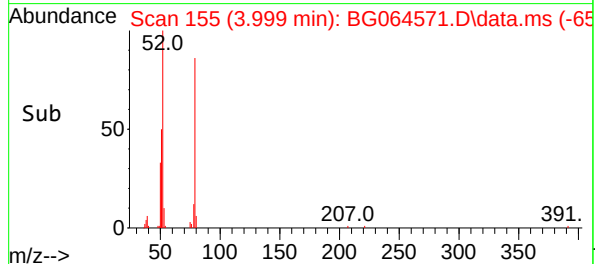
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 29199
Ion Ratio Lower Upper
79 100
52 113.0 94.2 141.2
51 61.6 46.1 69.1

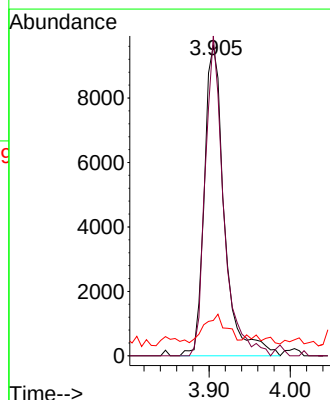
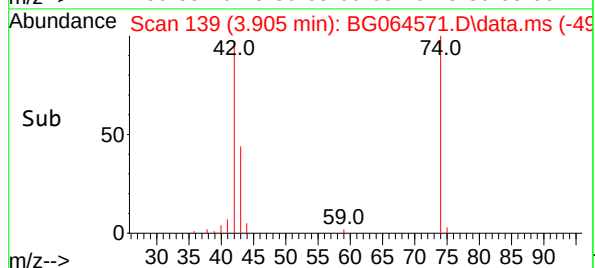
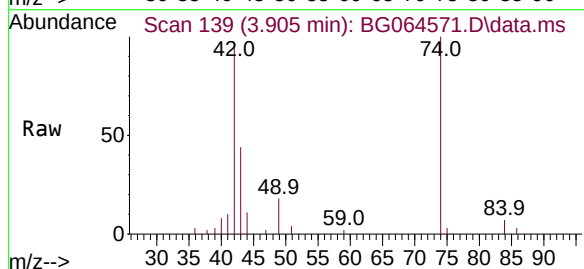
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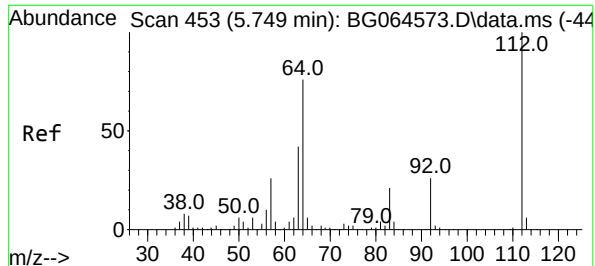
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 10.733 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 42 Resp: 16561
Ion Ratio Lower Upper
42 100
74 103.1 76.1 114.1
44 11.4 6.3 9.5#





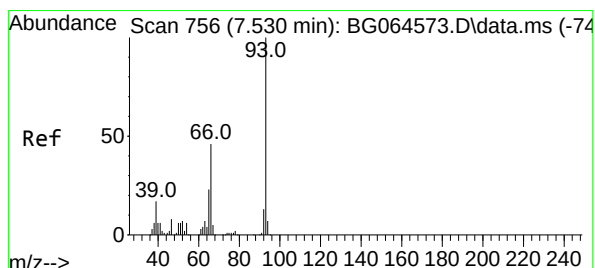
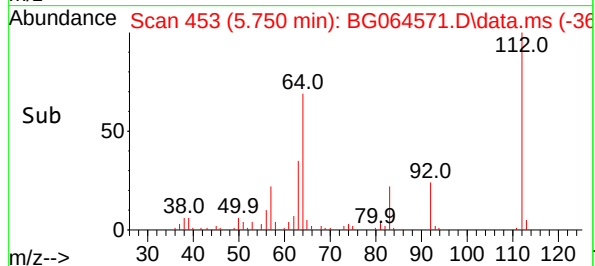
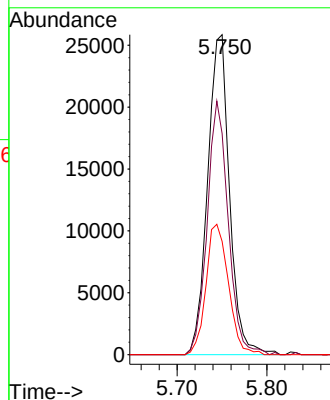
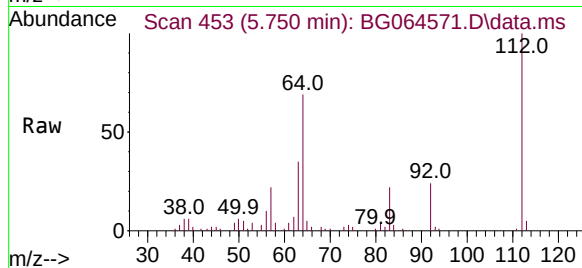
#5
2-Fluorophenol
Concen: 20.257 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 112 Resp: 4383
Ion Ratio Lower Upper
112 100
64 69.1 60.7 91.1
63 35.4 33.4 50.0

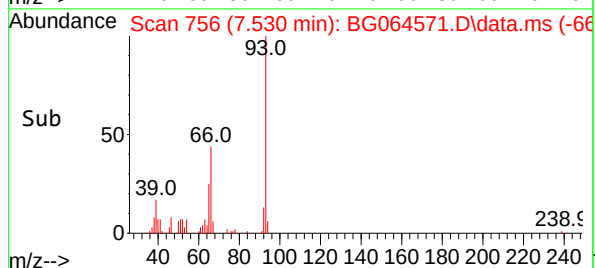
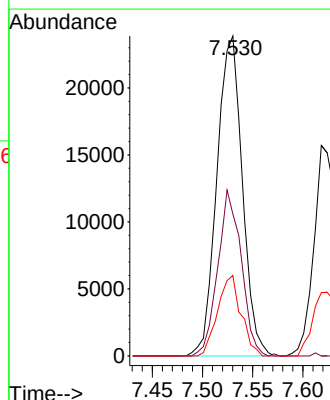
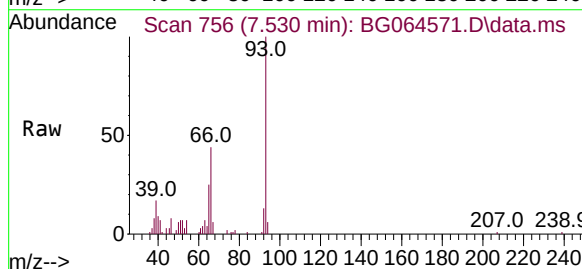
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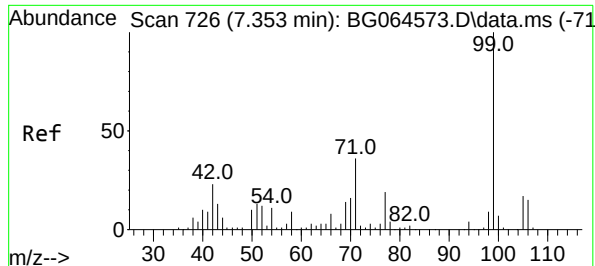
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 10.427 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 42134
Ion Ratio Lower Upper
93 100
66 44.4 37.0 55.6
65 25.1 18.3 27.5





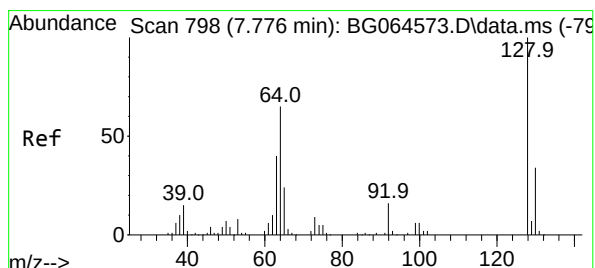
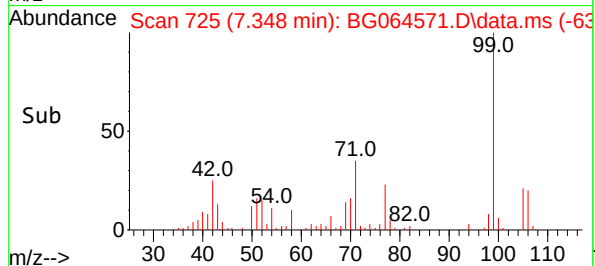
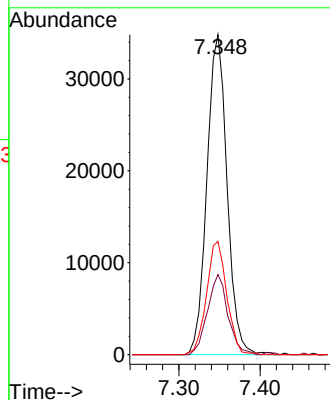
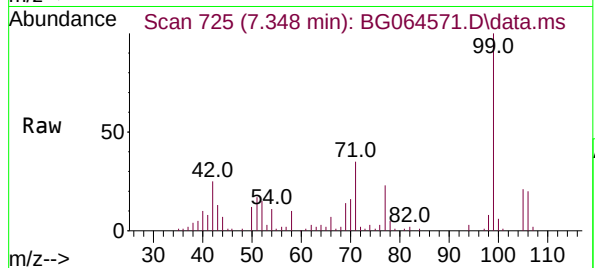
#7
Phenol-d6
Concen: 20.233 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 60084
Ion Ratio Lower Upper
99 100
42 25.0 18.3 27.5
71 35.3 28.6 43.0

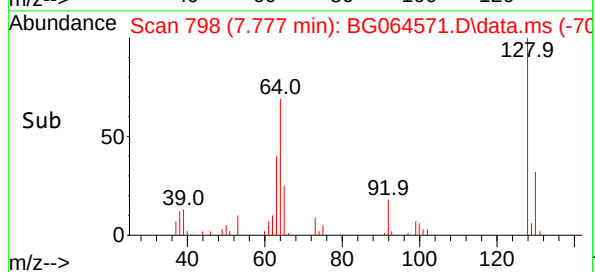
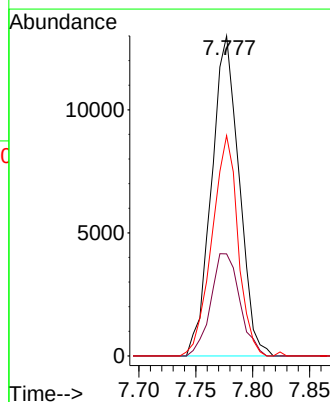
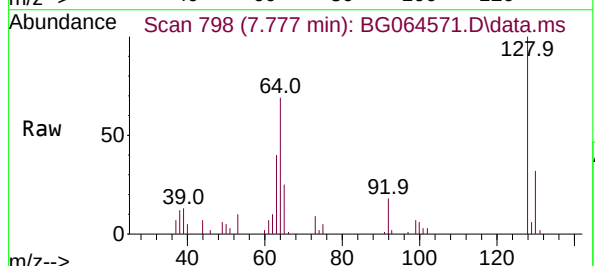
Manual Integrations
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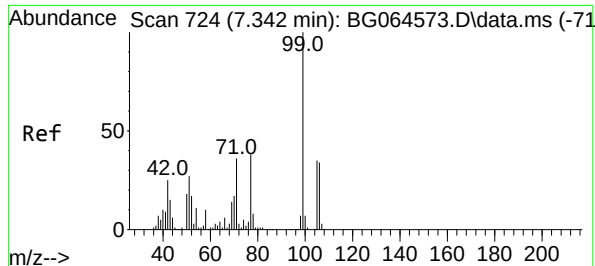
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 9.678 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

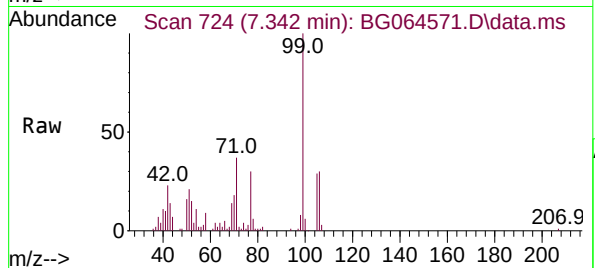
Tgt Ion:128 Resp: 21922
Ion Ratio Lower Upper
128 100
130 31.9 13.5 53.5
64 68.8 45.2 85.2





#9
Benzaldehyde
Concen: 10.558 ng
RT: 7.342 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

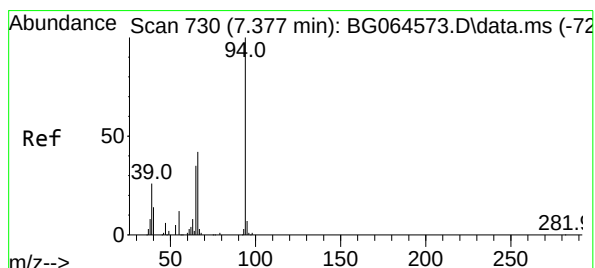
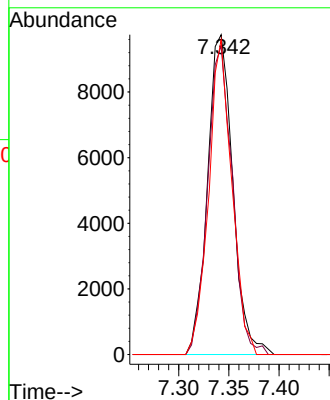
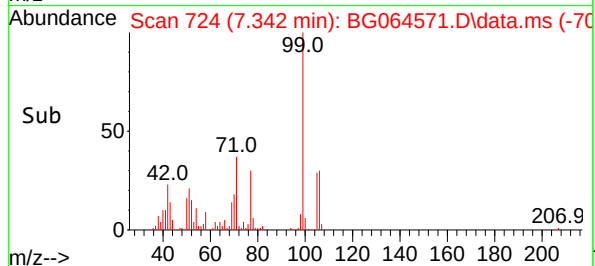
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 1711
Ion Ratio Lower Upper
77 100
105 96.5 72.9 112.9
106 98.4 70.8 110.8

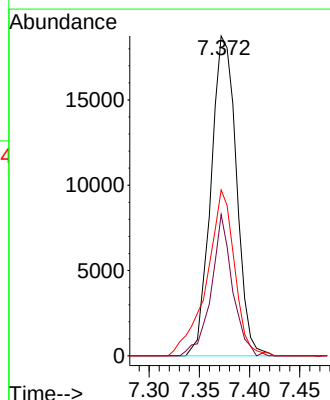
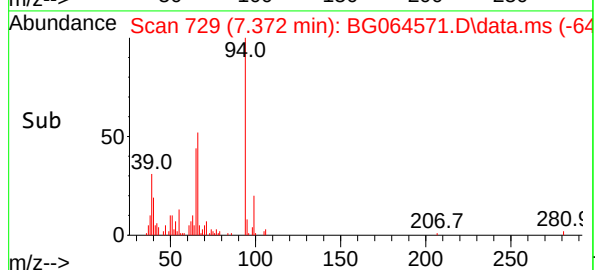
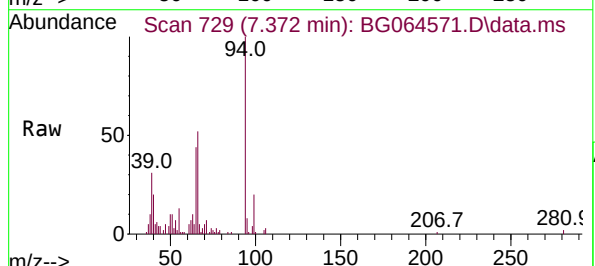
Manual Integrations
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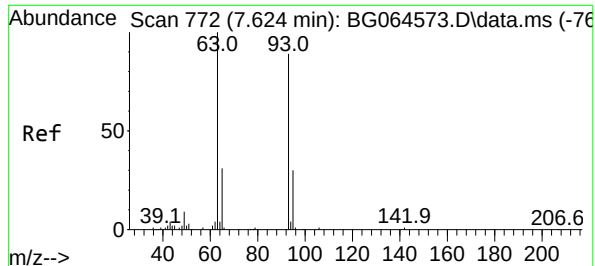
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 10.066 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 94 Resp: 33058
Ion Ratio Lower Upper
94 100
65 44.2 15.8 55.8
66 51.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 10.600 ng

RT: 7.618 min Scan# 771

Delta R.T. -0.005 min

Lab File: BG064571.D

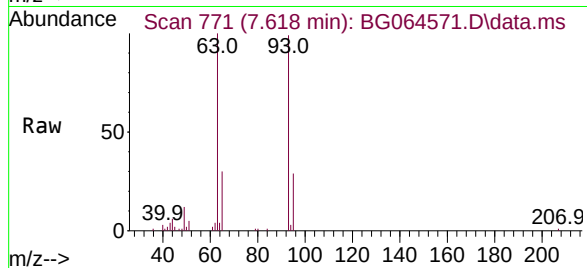
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

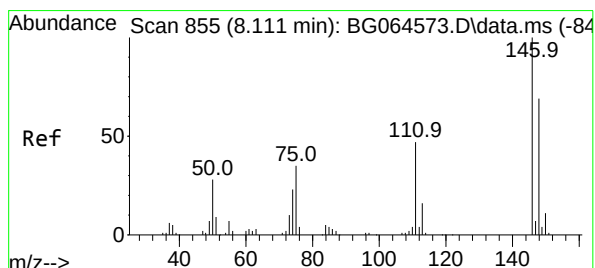
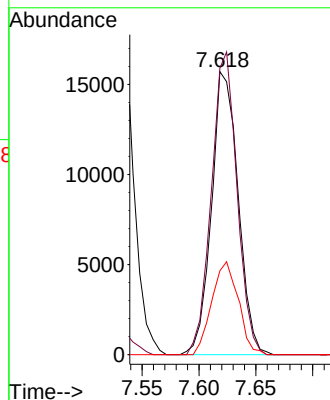
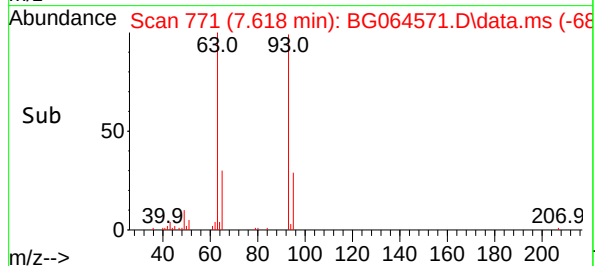
SSTDICC010



Tgt Ion:	93	Resp:	25594
Ion	Ratio	Lower	Upper
93	100		
63	101.2	91.3	131.3
95	29.6	13.3	53.3

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

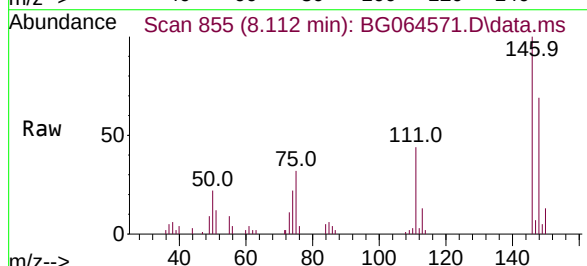
Concen: 10.562 ng

RT: 8.112 min Scan# 855

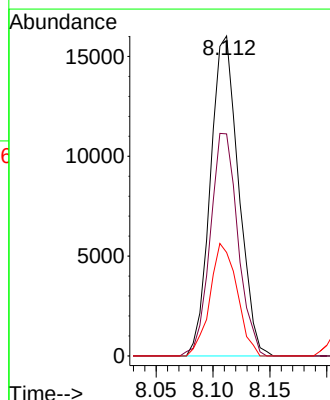
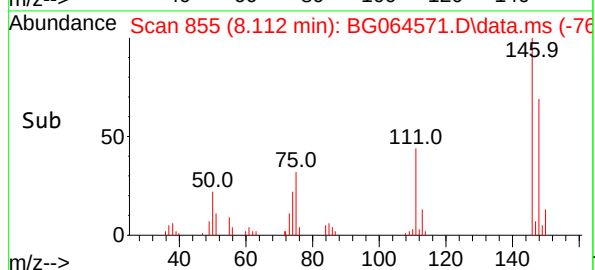
Delta R.T. 0.001 min

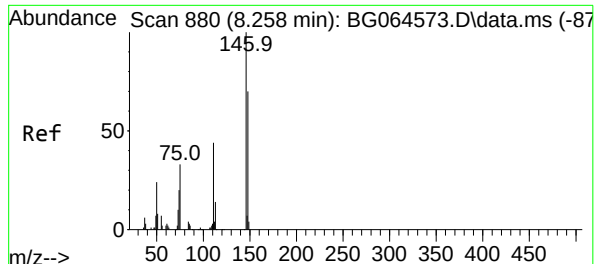
Lab File: BG064571.D

Acq: 24 Oct 2025 11:02



Tgt Ion:	146	Resp:	27537
Ion	Ratio	Lower	Upper
146	100		
148	69.4	55.3	82.9
75	32.3	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 10.593 ng

RT: 8.253 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

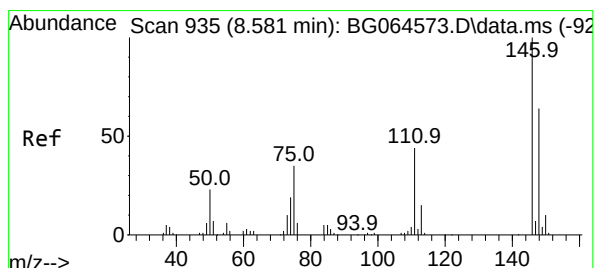
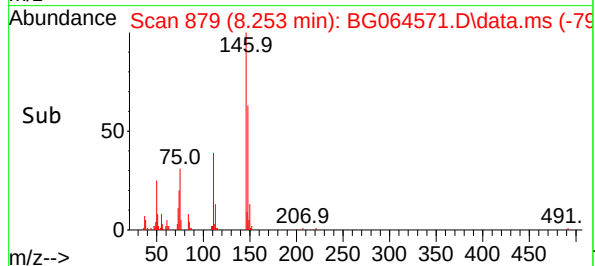
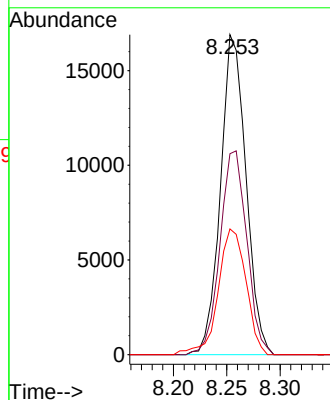
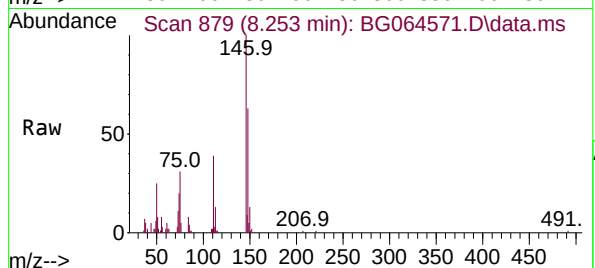
ClientSampleId :

SSTDICC010

Tgt Ion:	146	Resp:	2808
Ion Ratio	Lower	Upper	
146	100		
148	62.8	56.2	84.4
111	39.3	35.4	53.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 10.785 ng

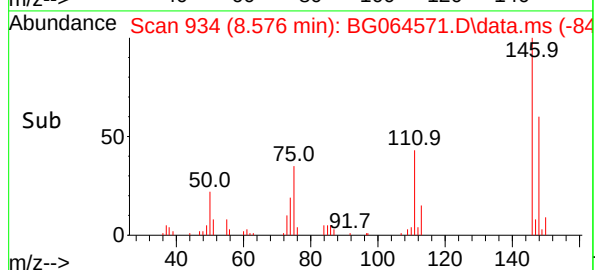
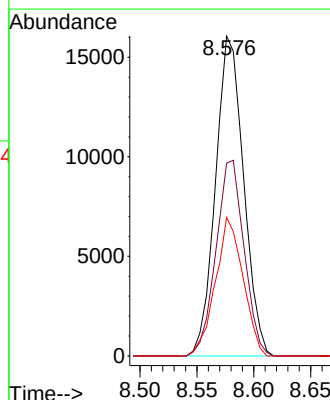
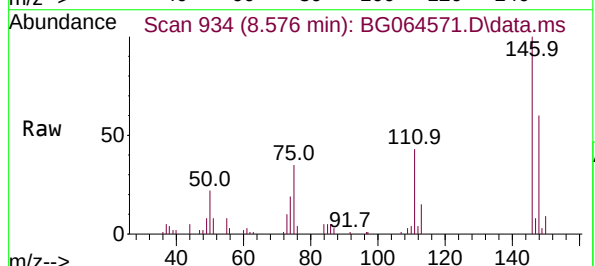
RT: 8.576 min Scan# 934

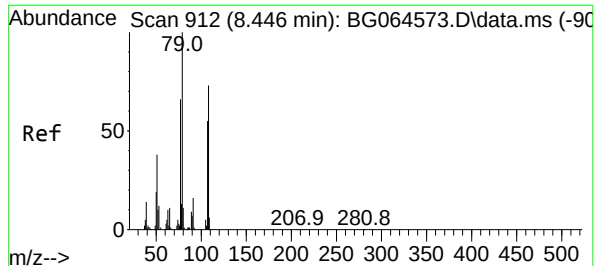
Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	146	Resp:	27577
Ion Ratio	Lower	Upper	
146	100		
148	60.2	51.5	77.3
111	43.3	35.0	52.6





#15

Benzyl Alcohol

Concen: 9.500 ng

RT: 8.447 min Scan# 912

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 23263

Ion Ratio Lower Upper

79 100

108 76.3 58.1 87.1

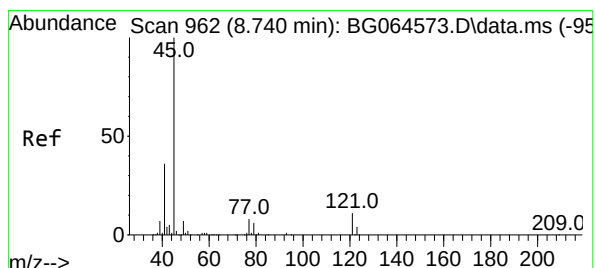
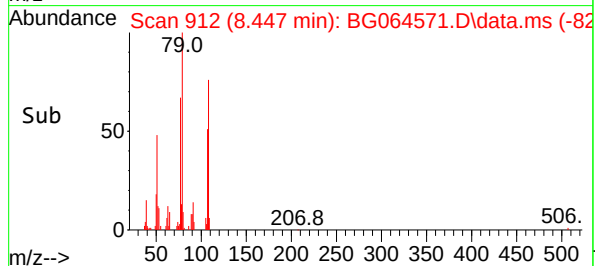
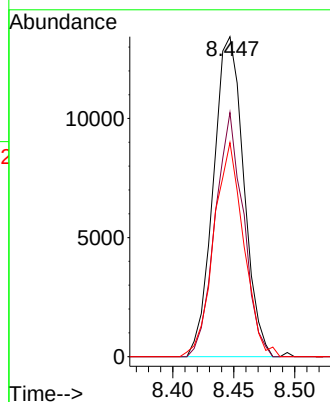
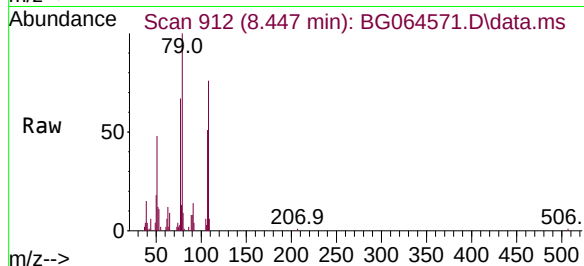
77 66.9 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.334 ng

RT: 8.741 min Scan# 962

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

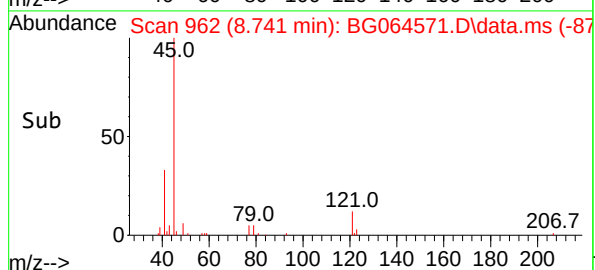
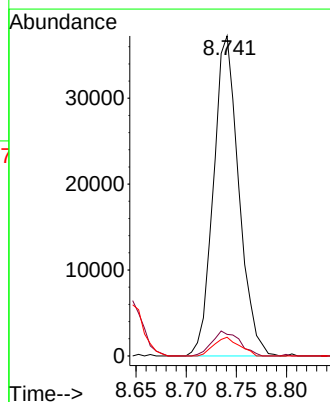
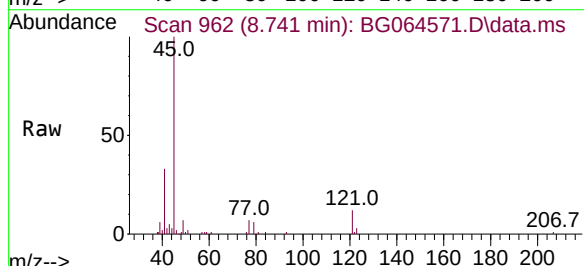
Tgt Ion: 45 Resp: 65452

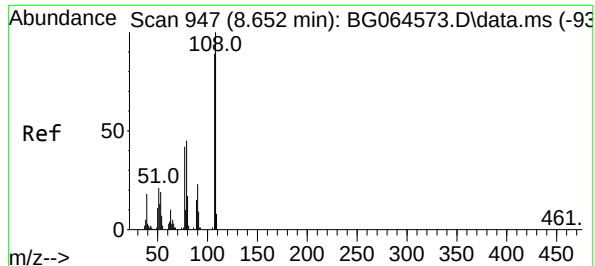
Ion Ratio Lower Upper

45 100

77 6.7 0.0 28.5

79 5.8 0.0 25.6





#17

2-Methylphenol

Concen: 10.206 ng

RT: 8.647 min Scan# 947

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

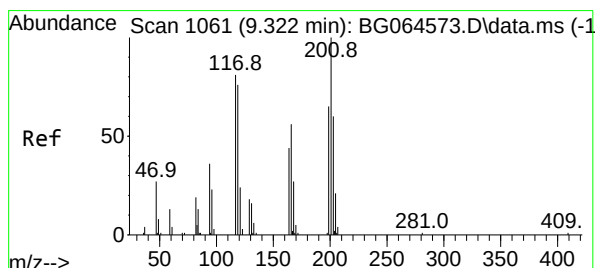
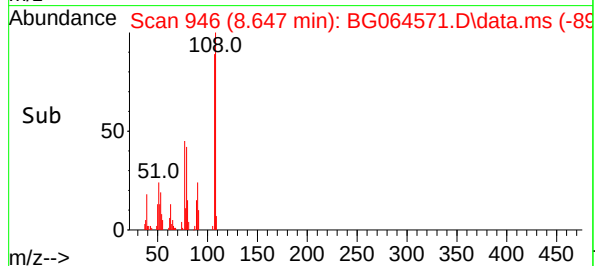
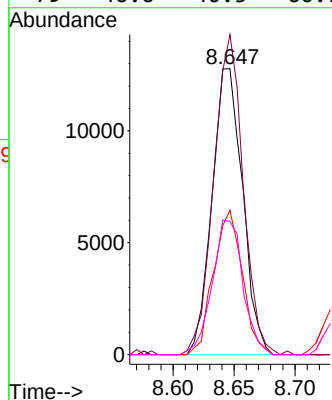
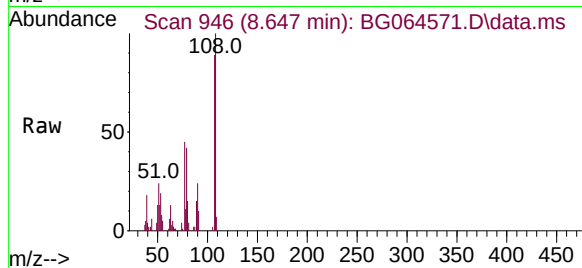
SSTDICC010

Tgt Ion:	107	Resp:	22254
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.0	135.0
77	50.5	37.8	56.8
79	46.6	40.5	60.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 10.452 ng

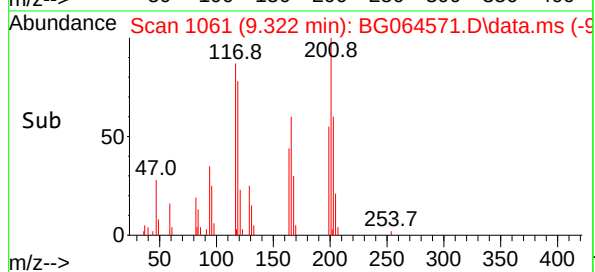
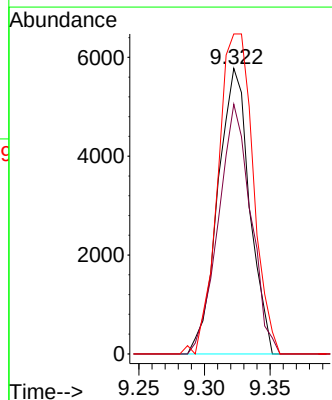
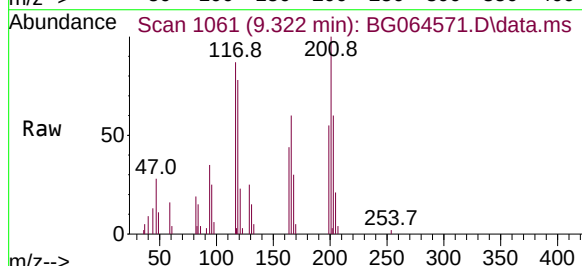
RT: 9.322 min Scan# 1061

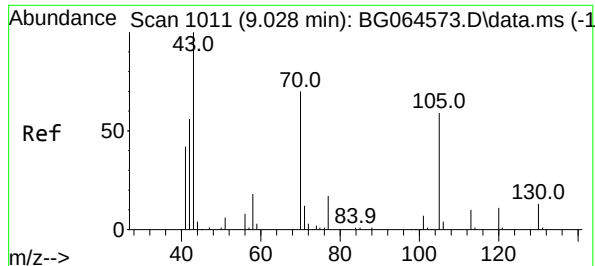
Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	117	Resp:	9723
Ion	Ratio	Lower	Upper
117	100		
119	87.5	75.4	113.2
201	115.2	99.2	148.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.098 ng

RT: 9.017 min Scan# 10

Delta R.T. -0.011 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 20724

Ion Ratio Lower Upper

70 100

42 80.3 65.2 97.8

101 7.6 7.9 11.9

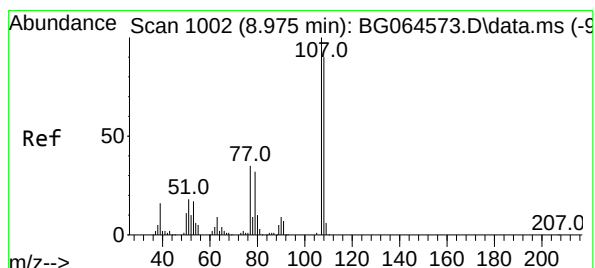
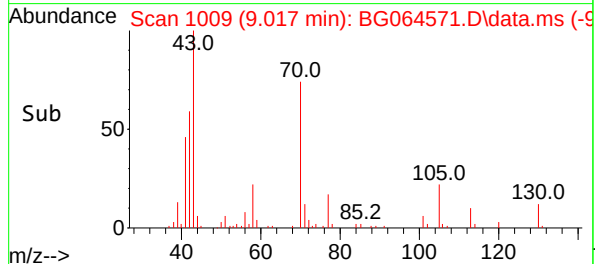
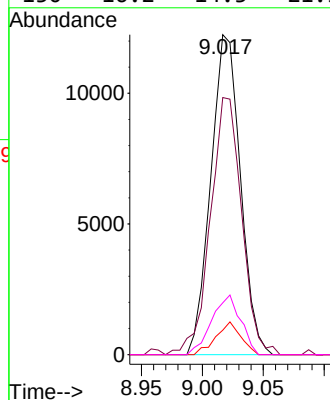
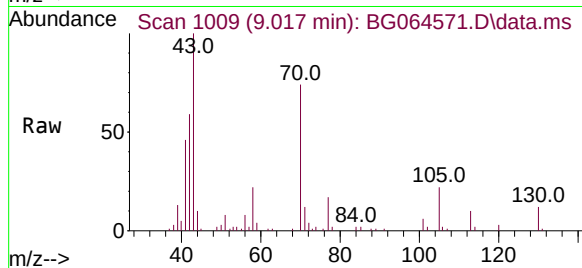
130 16.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 9.786 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 30009

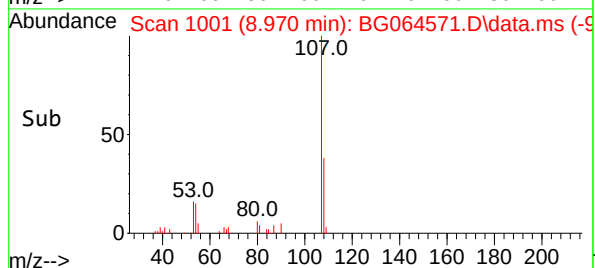
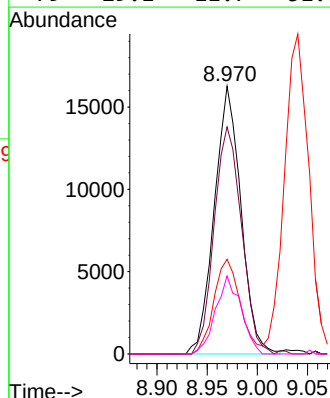
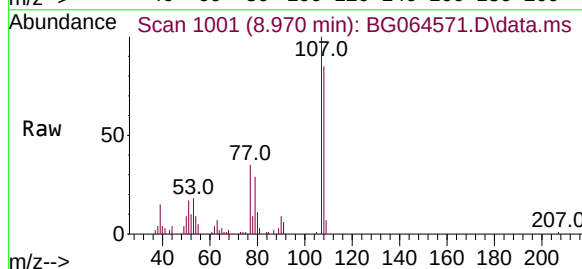
Ion Ratio Lower Upper

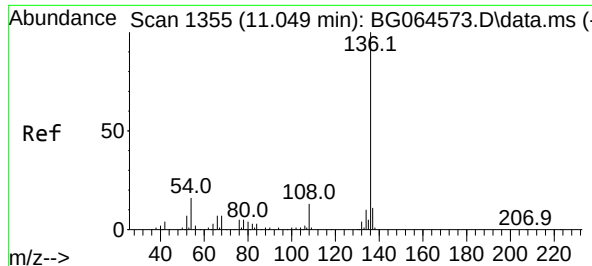
107 100

108 84.8 70.3 110.3

77 35.4 14.6 54.6

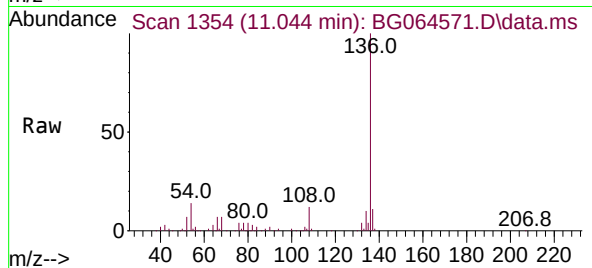
79 29.1 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1355
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

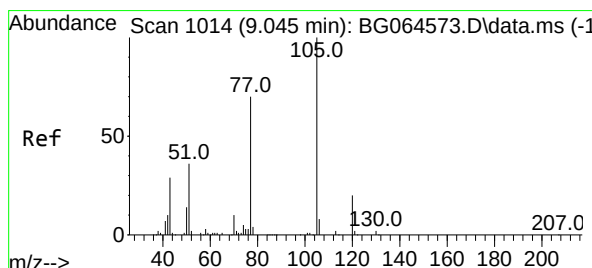
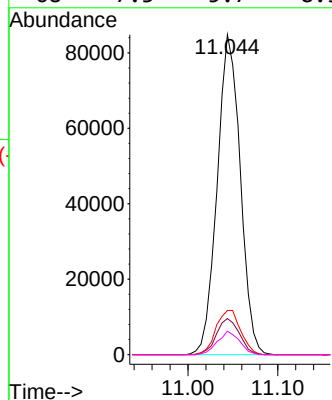
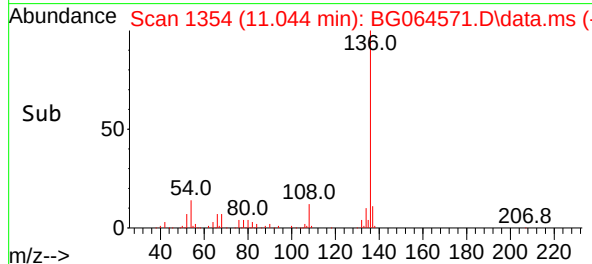
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 151627
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 13.8 12.6 19.0
68 7.3 5.7 8.5

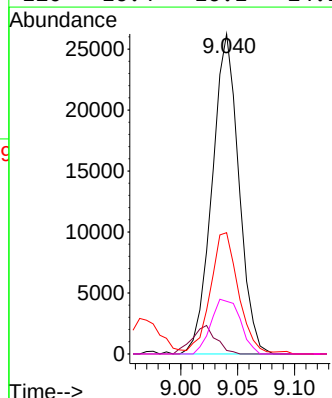
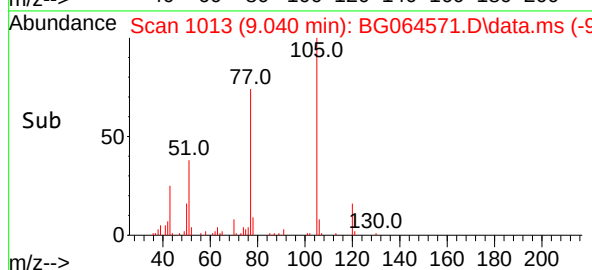
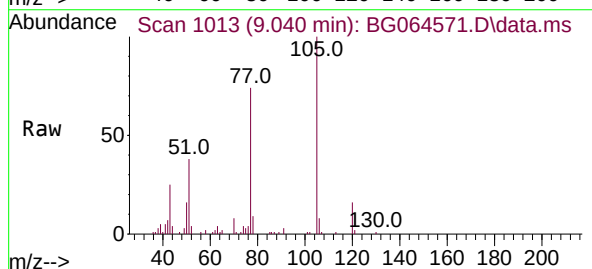
Manual Integrations
APPROVED

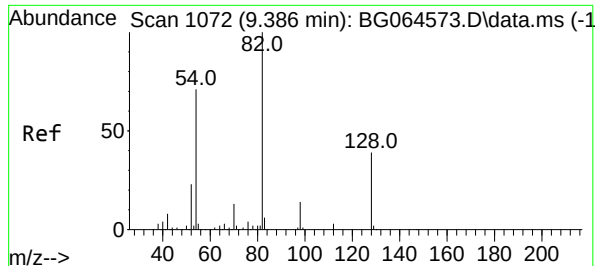
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 10.338 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:105 Resp: 42851
Ion Ratio Lower Upper
105 100
71 1.1 1.5 2.3#
51 37.9 33.7 50.5
120 16.4 16.1 24.1





#23

Nitrobenzene-d5

Concen: 17.182 ng

RT: 9.381 min Scan# 1071

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

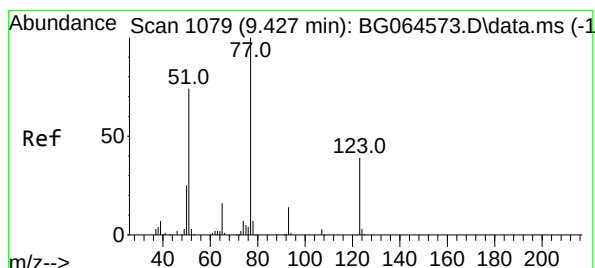
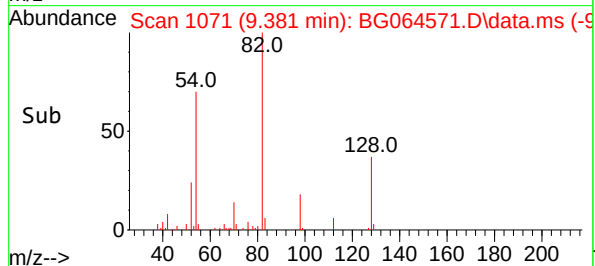
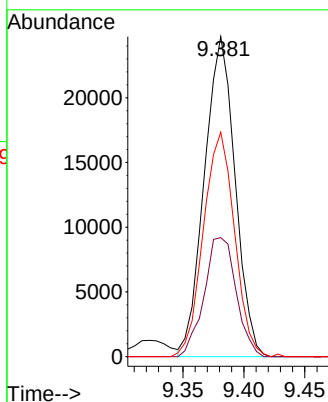
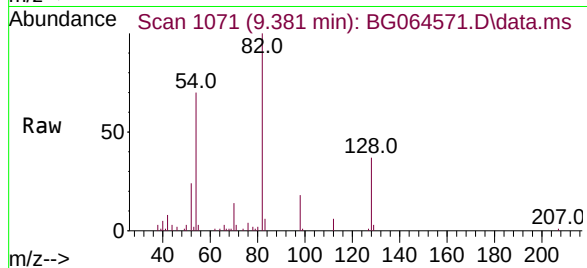
ClientSampleId :

SSTDICC010

Tgt Ion:	82	Resp:	43376
Ion Ratio	Lower	Upper	
82	100		
128	37.2	31.3	46.9
54	70.1	56.6	84.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 8.602 ng

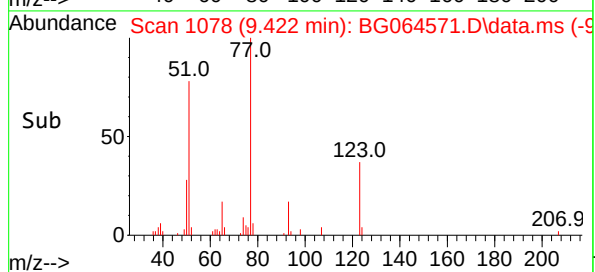
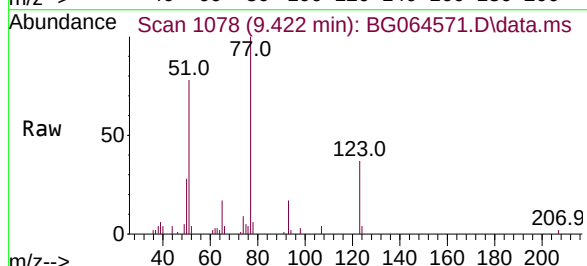
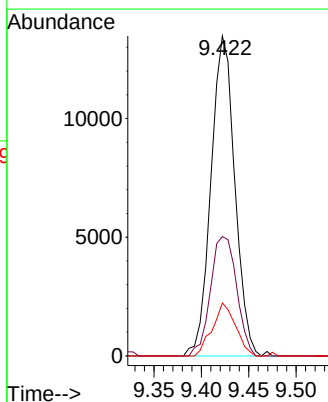
RT: 9.422 min Scan# 1078

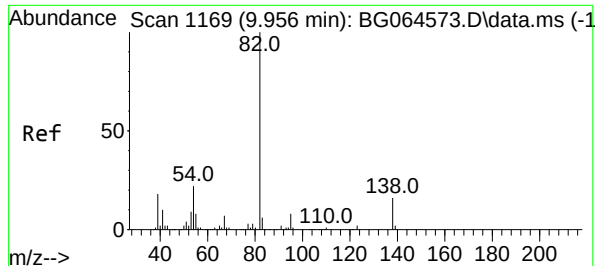
Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	77	Resp:	23618
Ion Ratio	Lower	Upper	
77	100		
123	37.3	31.0	46.6
65	16.5	12.7	19.1





#25

Isophorone

Concen: 9.962 ng

RT: 9.951 min Scan# 1168

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

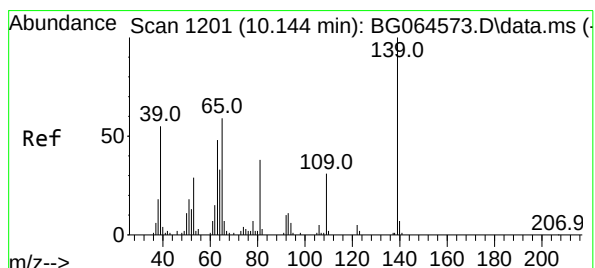
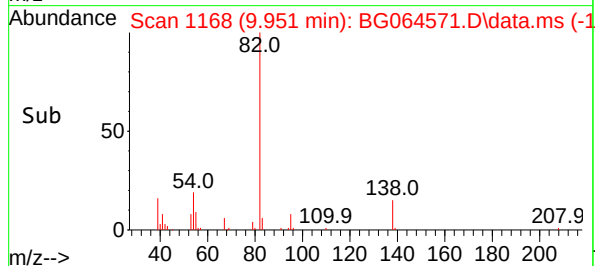
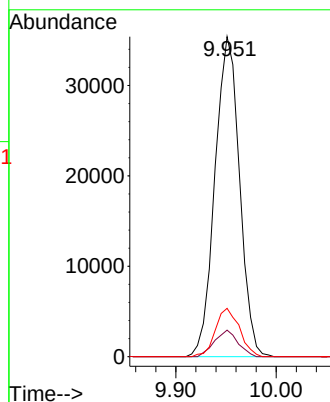
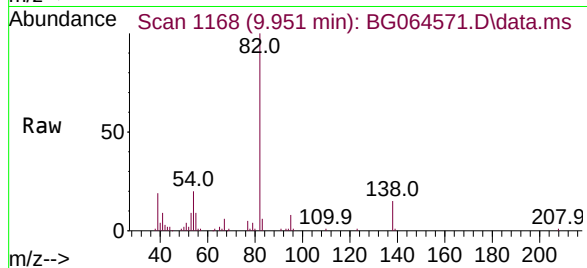
ClientSampleId :

SSTDICC010

Tgt Ion:	82	Resp:	6034
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 9.491 ng

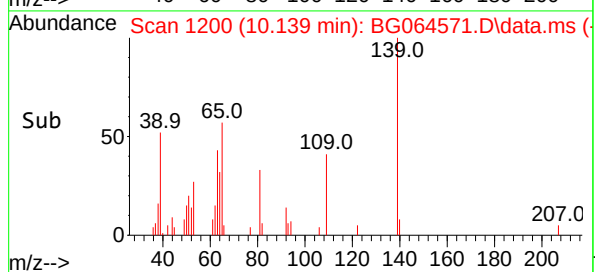
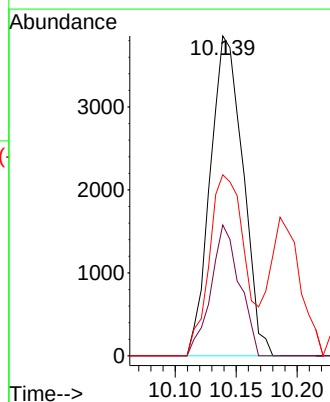
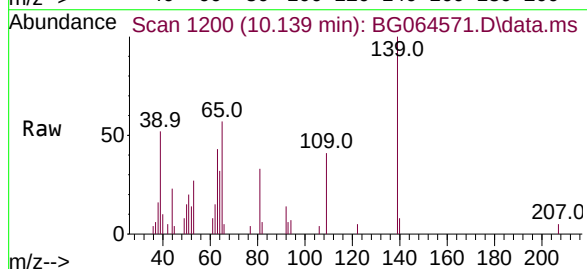
RT: 10.139 min Scan# 1200

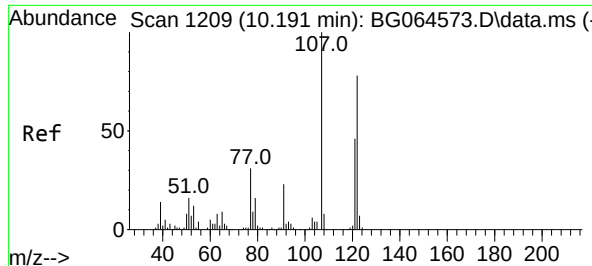
Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

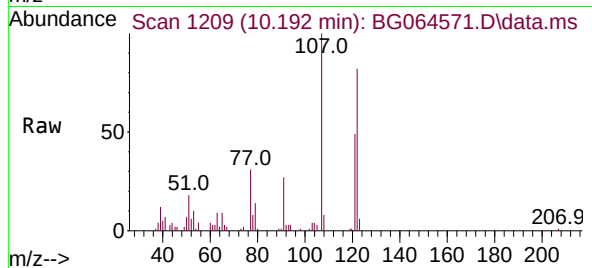
Tgt Ion:	139	Resp:	7208
Ion Ratio	Lower	Upper	
139	100		
109	40.9	24.6	37.0
65	56.6	47.5	71.3





#27
2,4-Dimethylphenol
Concen: 9.879 ng
RT: 10.192 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

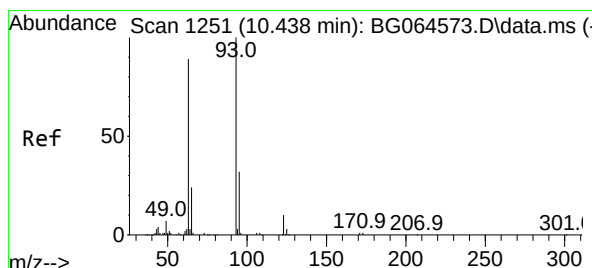
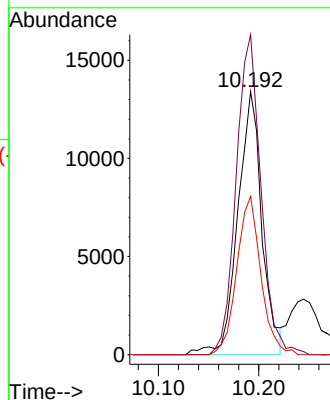
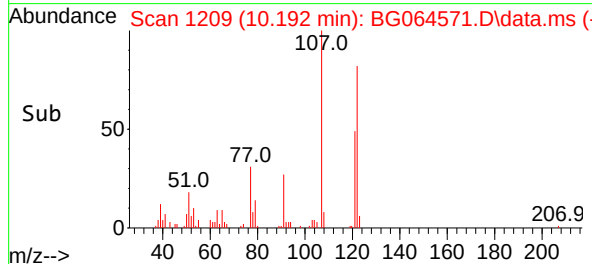
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:122 Resp: 22259
Ion Ratio Lower Upper
122 100
107 121.6 103.0 154.4
121 60.2 47.8 71.8

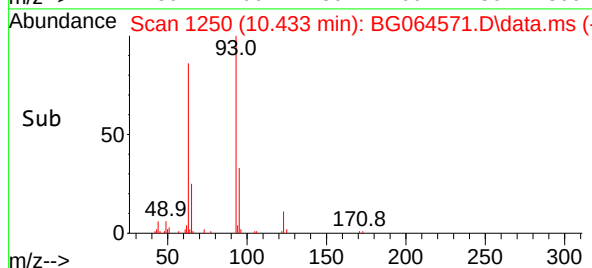
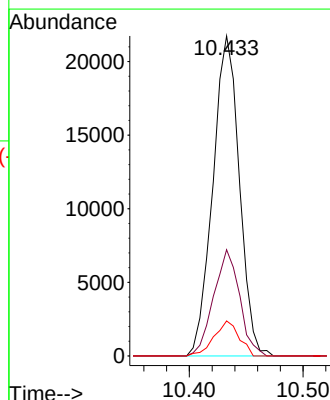
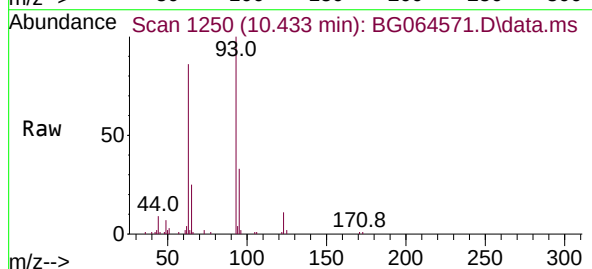
Manual Integrations
APPROVED

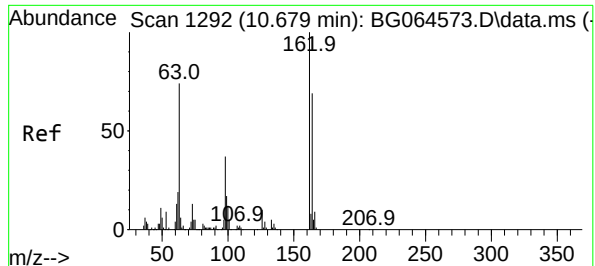
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.197 ng
RT: 10.433 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

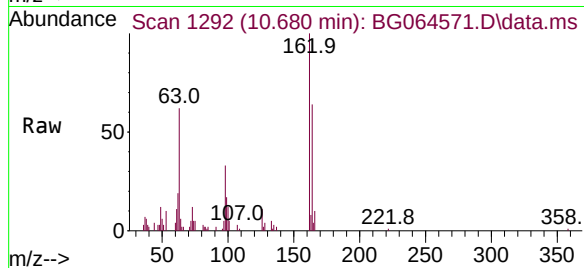
Tgt Ion: 93 Resp: 35170
Ion Ratio Lower Upper
93 100
95 33.2 25.4 38.2
123 11.0 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 9.338 ng
RT: 10.680 min Scan# 1292
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

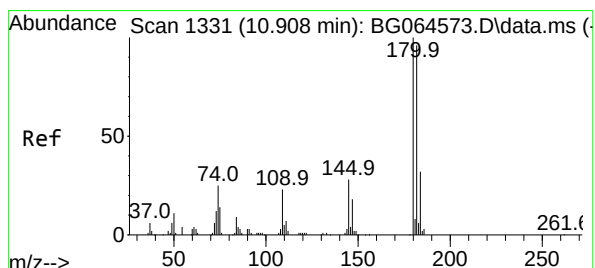
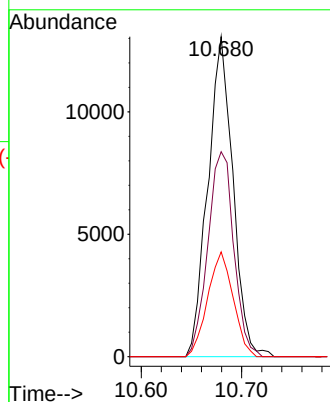
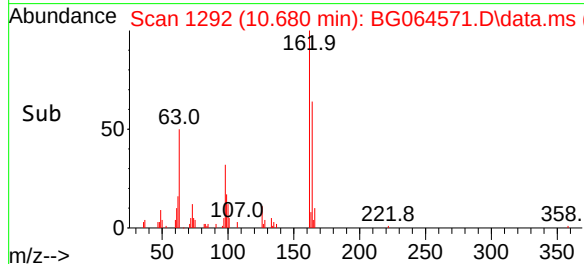
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



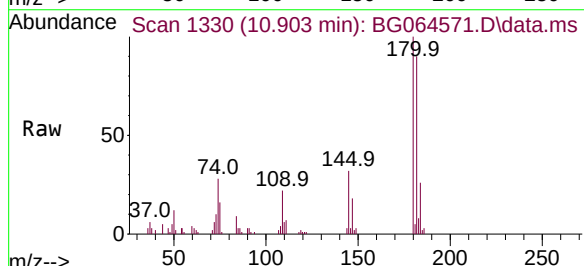
Tgt Ion:162 Resp: 22643
Ion Ratio Lower Upper
162 100
164 64.0 48.7 88.7
98 32.7 16.9 56.9

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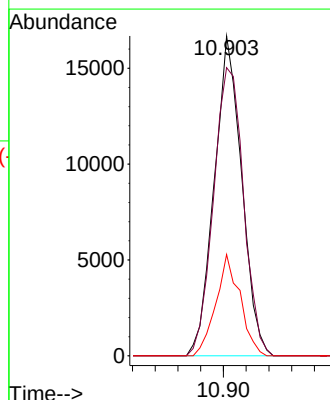
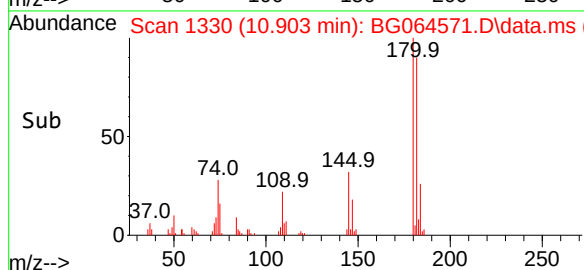
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

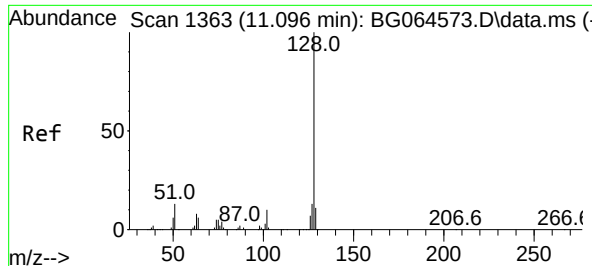


#30
1,2,4-Trichlorobenzene
Concen: 10.143 ng
RT: 10.903 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



Tgt Ion:180 Resp: 27947
Ion Ratio Lower Upper
180 100
182 90.1 76.9 115.3
145 31.7 22.1 33.1





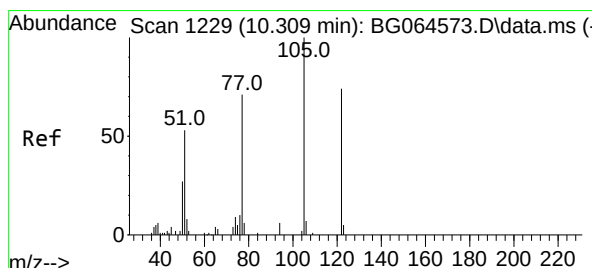
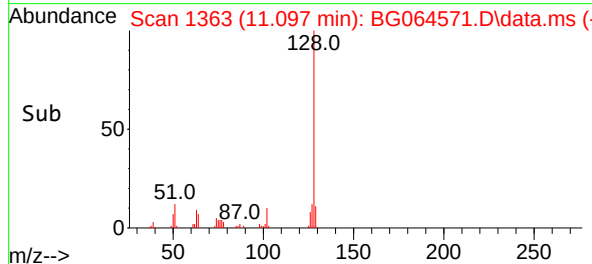
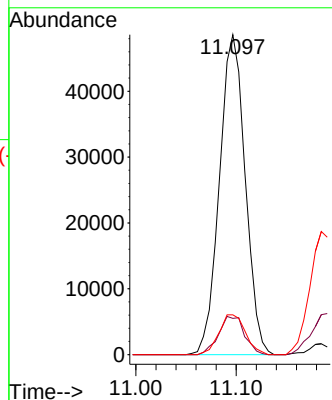
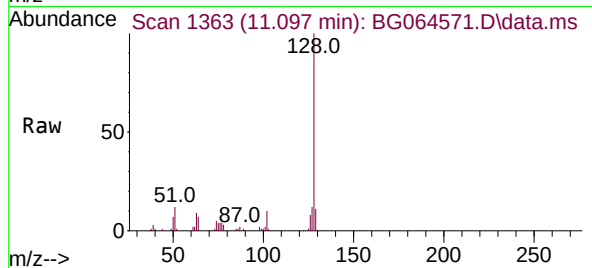
#31
Naphthalene
Concen: 10.319 ng
RT: 11.097 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 86750
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.4 10.6 15.8

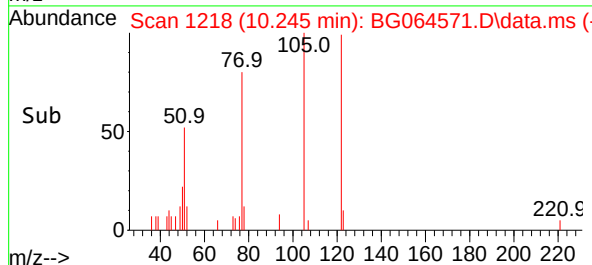
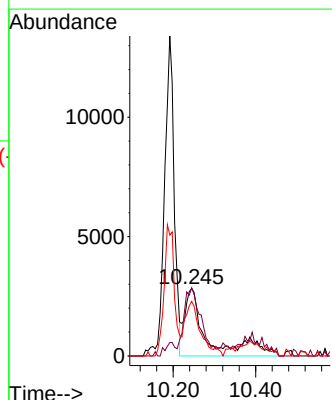
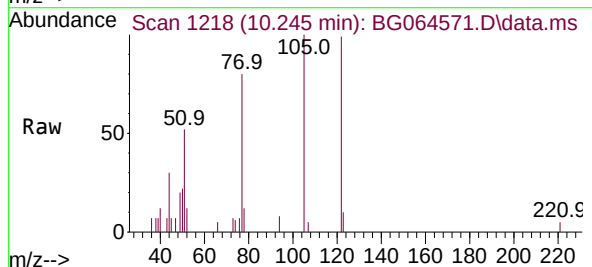
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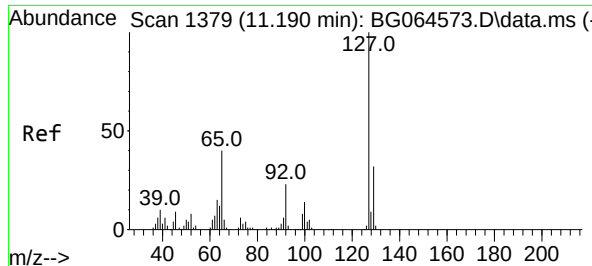
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 10.637 ng m
RT: 10.245 min Scan# 1218
Delta R.T. -0.064 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:122 Resp: 10748
Ion Ratio Lower Upper
122 100
105 100.8 104.2 144.2#
77 80.6 70.2 110.2





#33

4-Chloroaniline

Concen: 10.583 ng

RT: 11.185 min Scan# 1379

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 3458

Ion Ratio Lower Upper

127 100

129 32.4 25.5 38.3

65 39.1 32.2 48.4

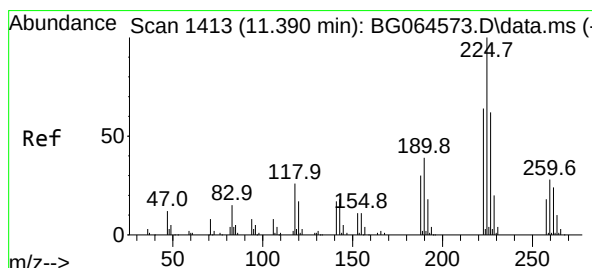
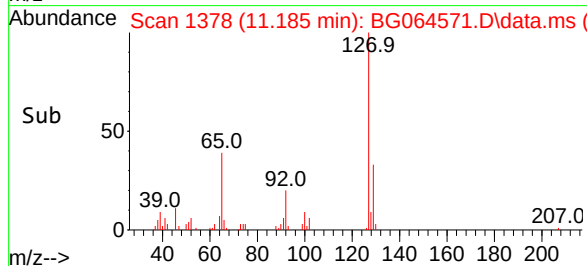
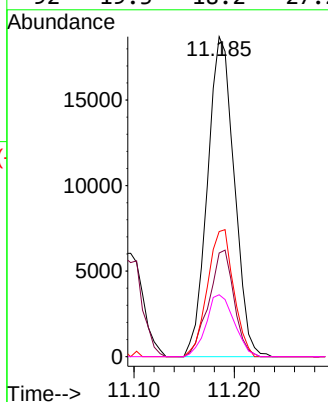
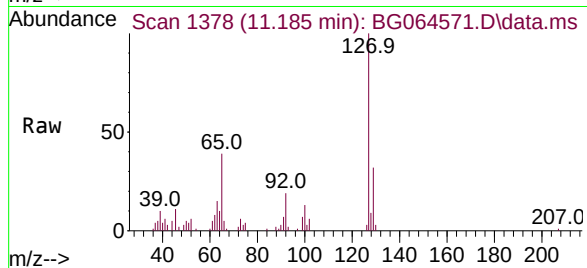
92 19.3 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#34

Hexachlorobutadiene

Concen: 10.256 ng

RT: 11.390 min Scan# 1413

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

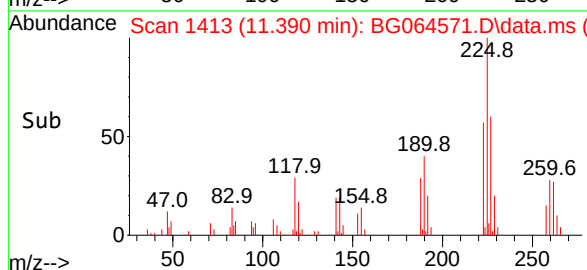
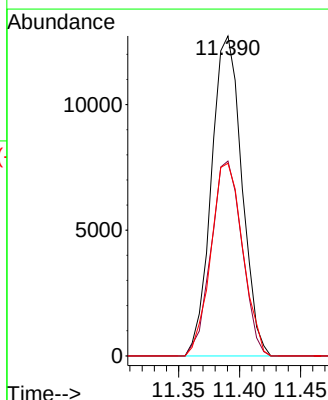
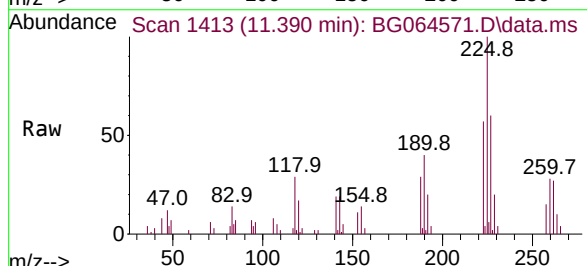
Tgt Ion:225 Resp: 22099

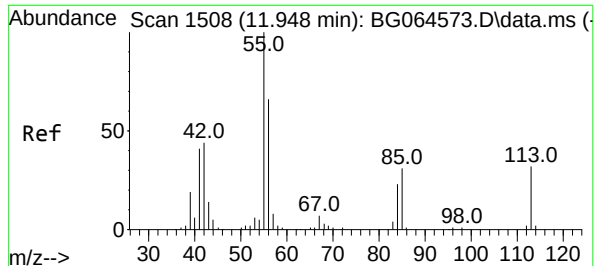
Ion Ratio Lower Upper

225 100

223 57.6 48.8 73.2

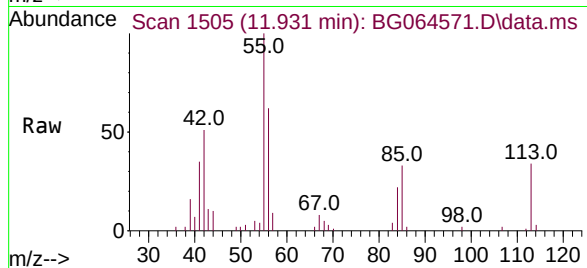
227 57.0 49.5 74.3





#35
Caprolactam
Concen: 9.162 ng
RT: 11.931 min Scan# 1505
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

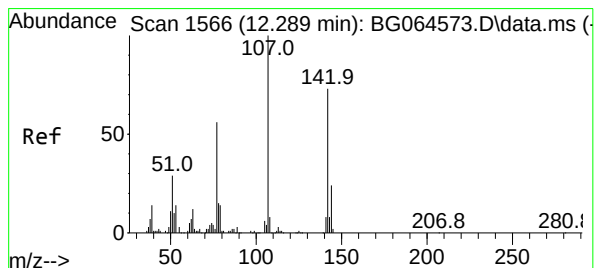
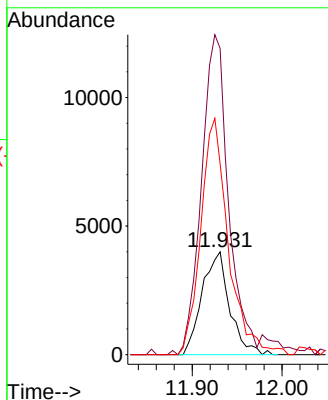
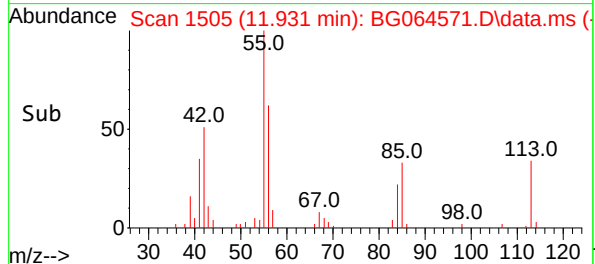
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 852
Ion Ratio Lower Upper
113 100
55 297.7 290.1 330.1
56 185.5 183.8 223.8

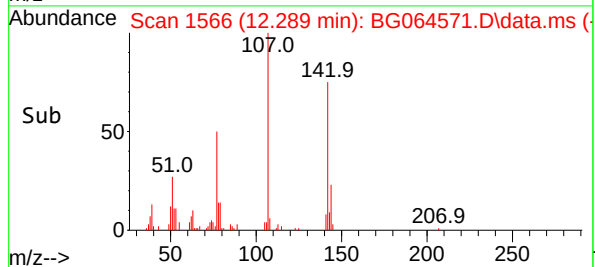
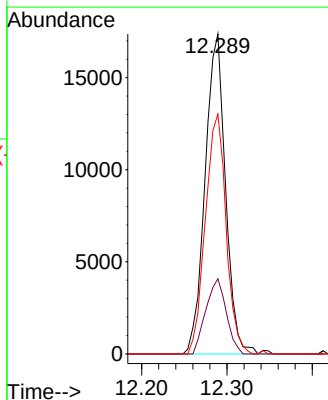
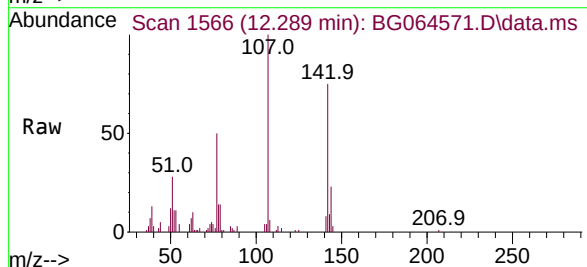
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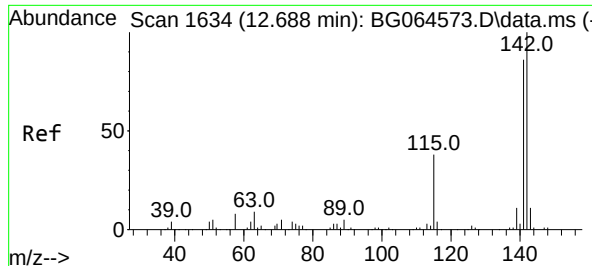
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 9.916 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 28904
Ion Ratio Lower Upper
107 100
144 23.5 19.1 28.7
142 74.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 10.543 ng
RT: 12.689 min Scan# 1634
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

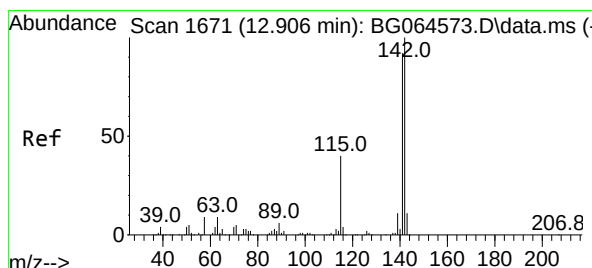
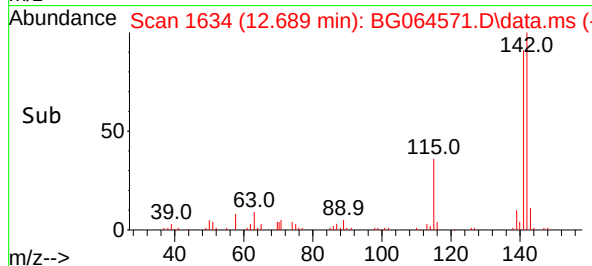
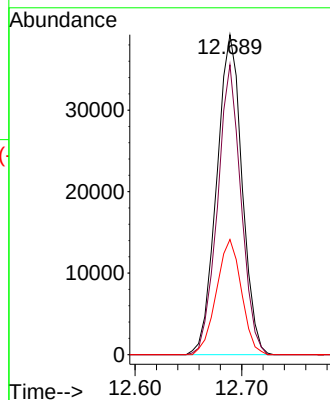
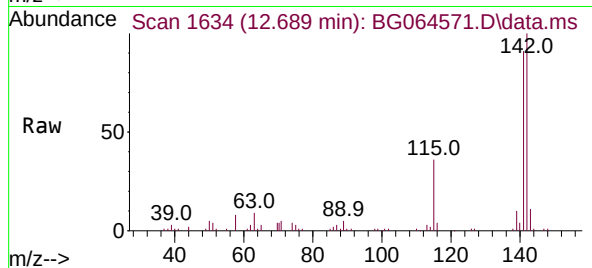
ClientSampleId :

SSTDICC010

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	68.9	103.3
115	36.0	30.6	46.0

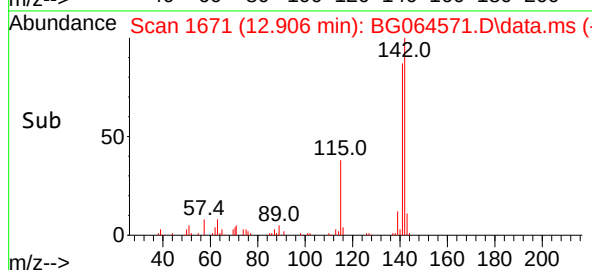
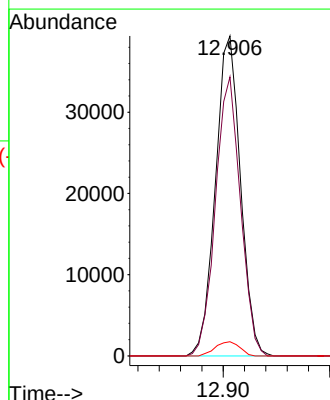
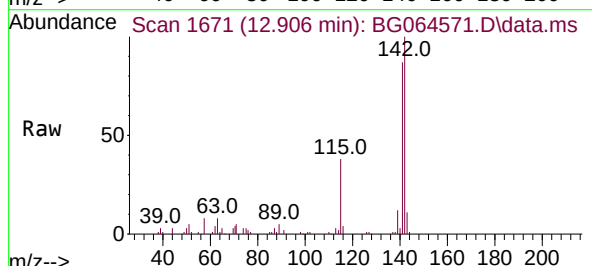
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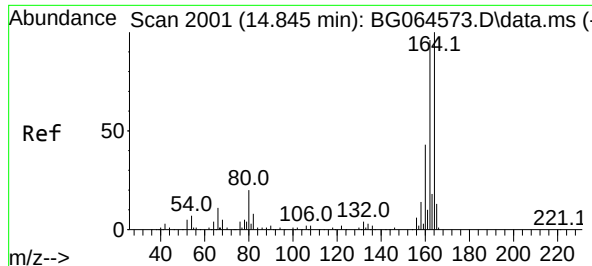
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 10.540 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.3	109.9
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2001

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 117618

Ion Ratio Lower Upper

164 100

162 98.4 77.0 115.6

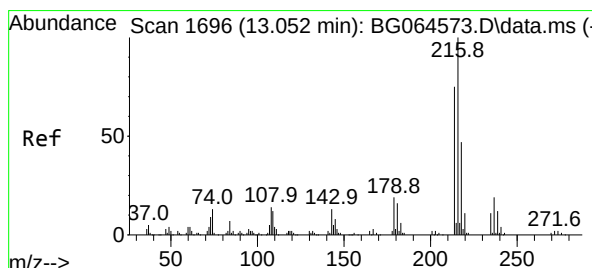
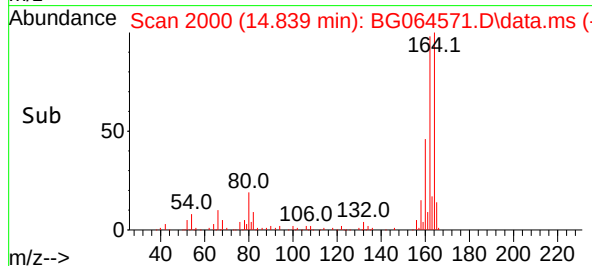
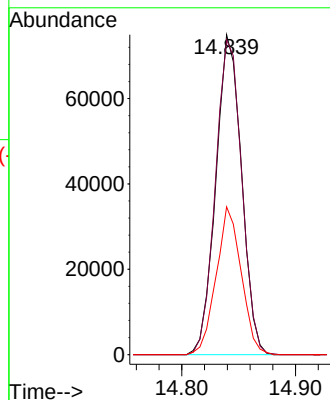
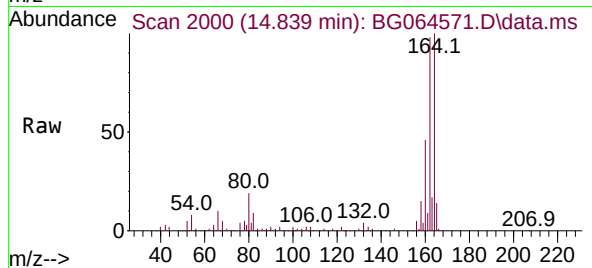
160 46.2 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.197 ng

RT: 13.053 min Scan# 1696

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:216 Resp: 40253

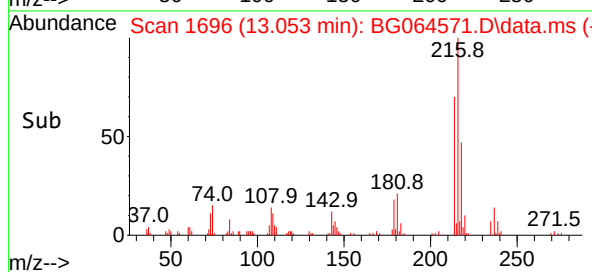
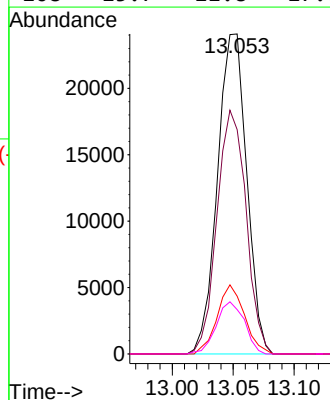
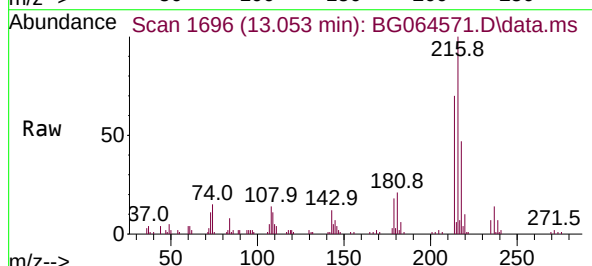
Ion Ratio Lower Upper

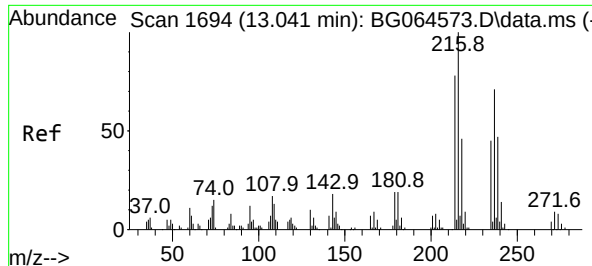
216 100

214 75.7 61.4 92.2

179 20.2 15.4 23.0

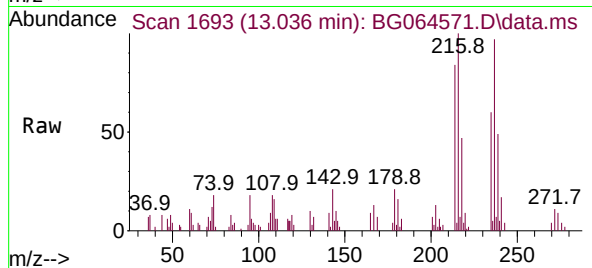
108 15.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 8.855 ng
RT: 13.036 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

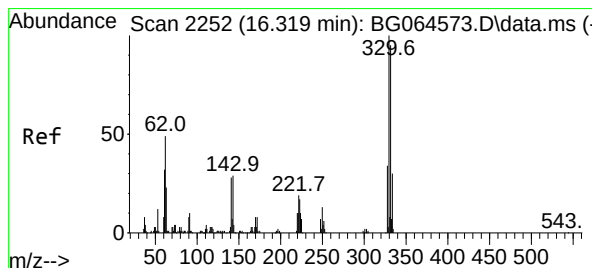
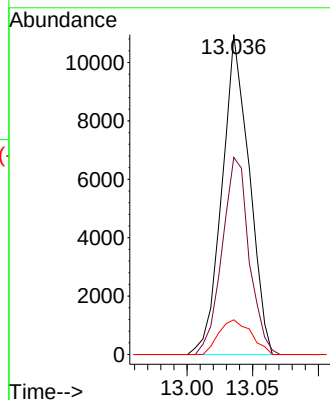
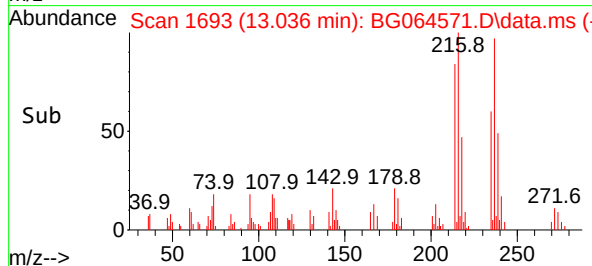
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:237 Resp: 15733
Ion Ratio Lower Upper
237 100
235 61.6 44.1 84.1
272 10.9 0.0 32.4

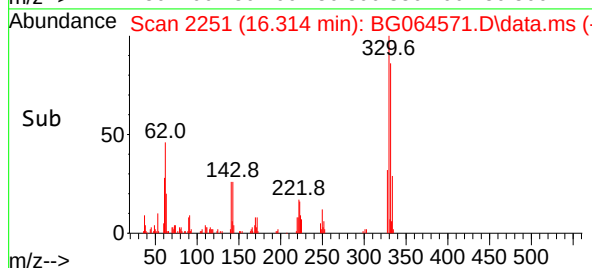
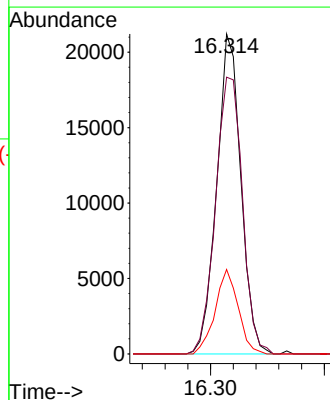
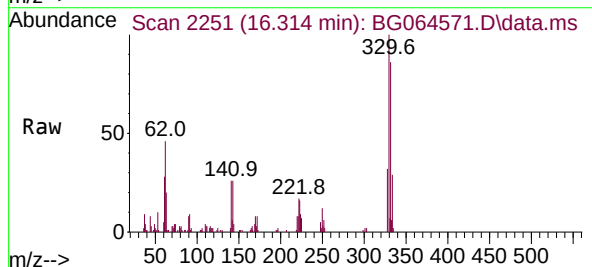
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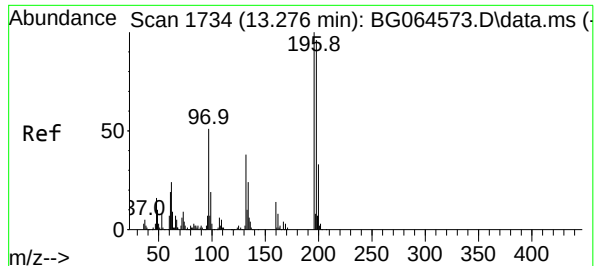
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 18.400 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

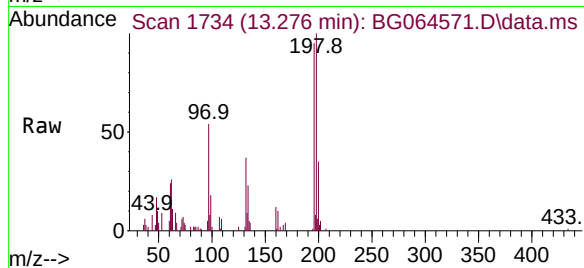
Tgt Ion:330 Resp: 31236
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 25.2 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

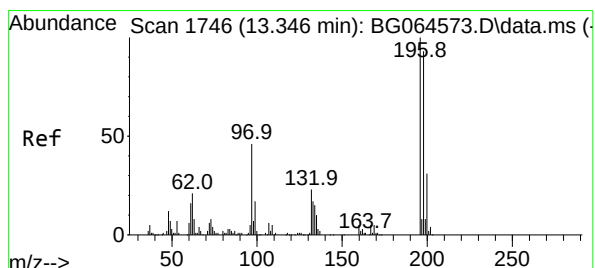
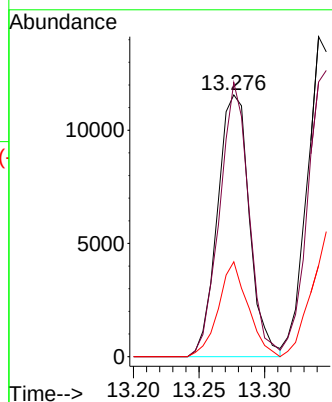
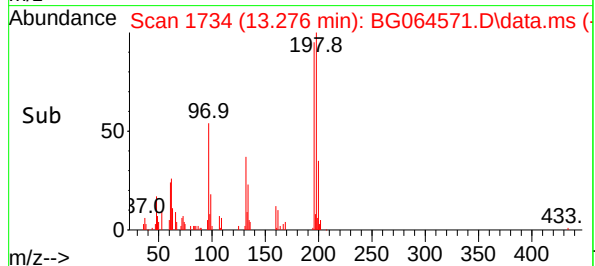
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:196 Resp: 19584
Ion Ratio Lower Upper
196 100
198 104.8 76.6 115.0
200 36.2 26.0 39.0

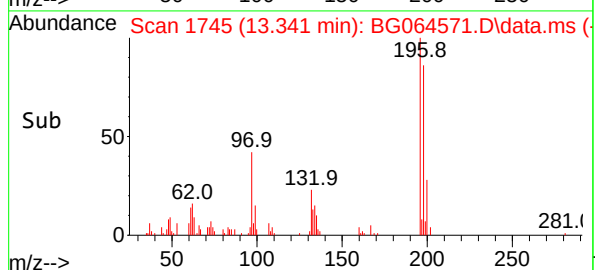
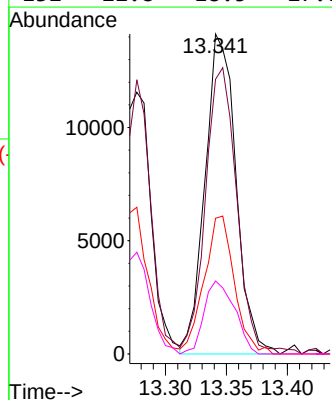
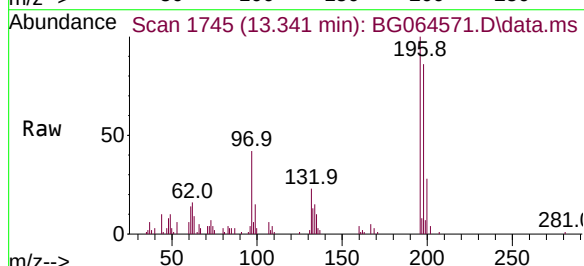
Manual Integrations
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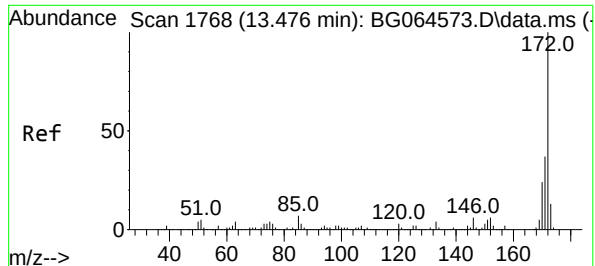
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 9.584 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

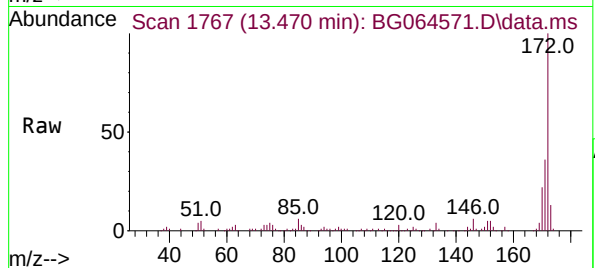
Tgt Ion:196 Resp: 24973
Ion Ratio Lower Upper
196 100
198 85.8 74.2 111.4
97 42.4 37.0 55.6
132 22.8 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 21.050 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

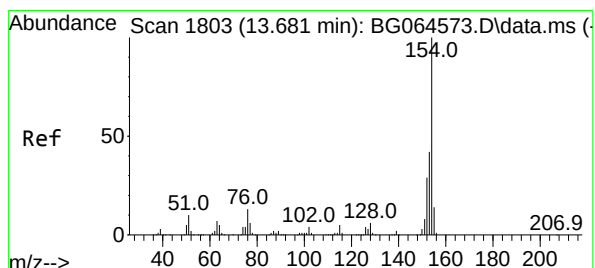
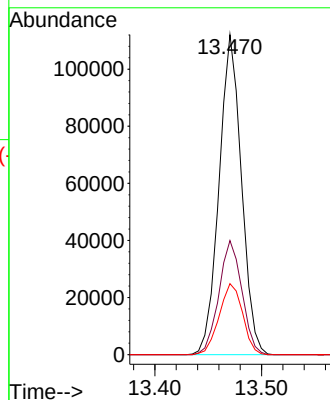
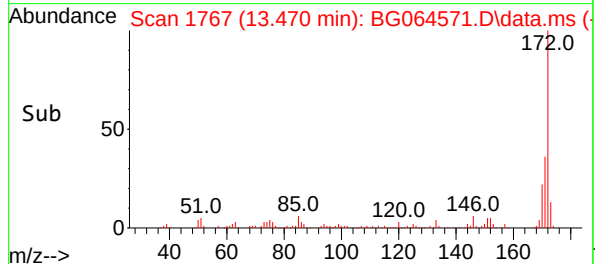
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 163340
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 22.2 19.1 28.7

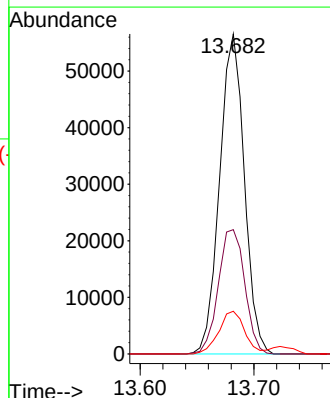
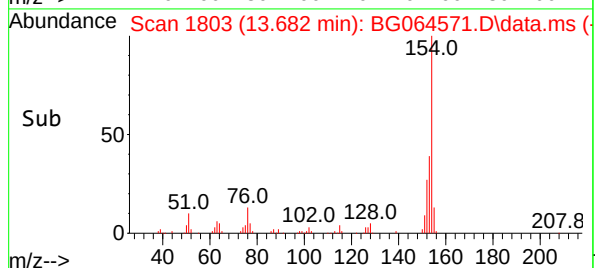
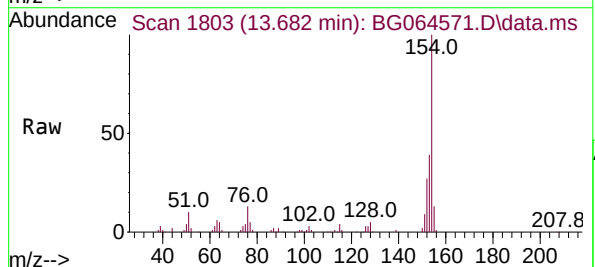
Manual Integrations
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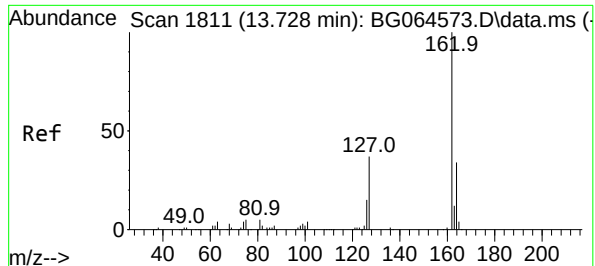
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#46
1,1'-Biphenyl
Concen: 10.200 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 85287
Ion Ratio Lower Upper
154 100
153 38.8 22.4 62.4
76 13.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 10.081 ng

RT: 13.723 min Scan# 1811

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

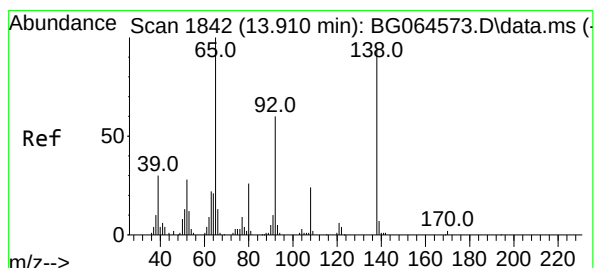
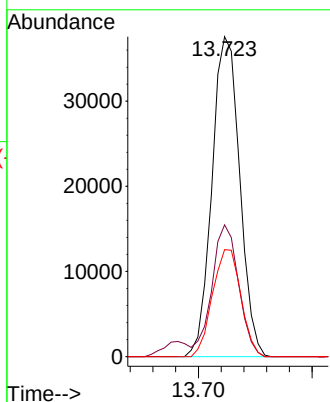
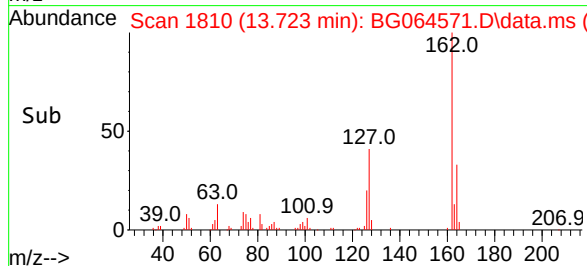
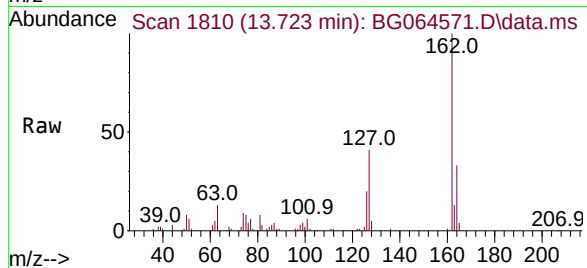
ClientSampleId :

SSTDICC010

Tgt Ion:	162	Resp:	6363
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.2
164	33.4	27.5	41.3

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

Concen: 9.284 ng

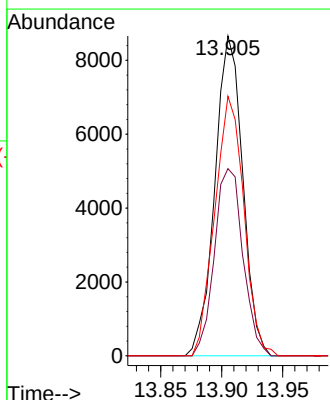
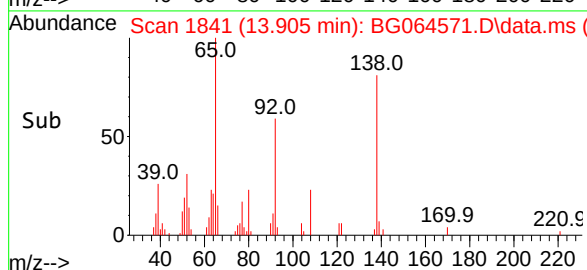
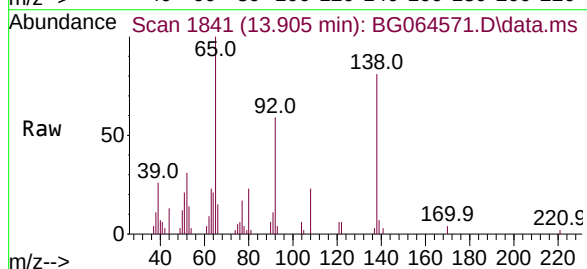
RT: 13.905 min Scan# 1841

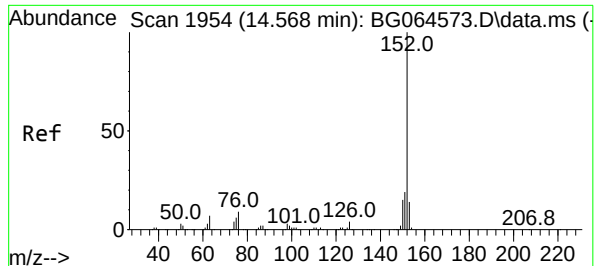
Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	65	Resp:	13764
Ion	Ratio	Lower	Upper
65	100		
92	58.5	48.3	72.5
138	81.1	74.9	112.3





#49

Acenaphthylene

Concen: 10.198 ng

RT: 14.563 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 101526

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2

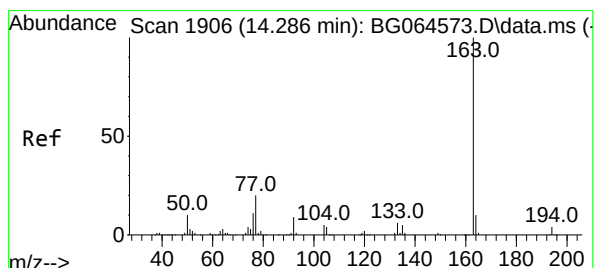
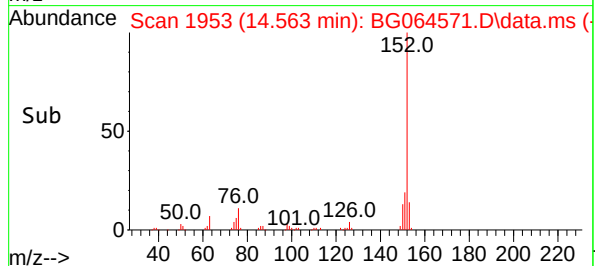
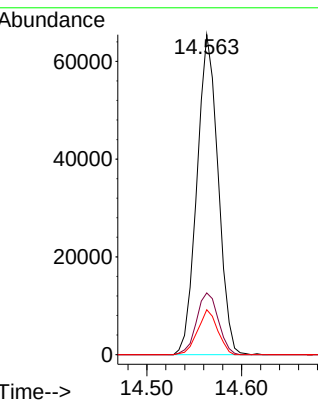
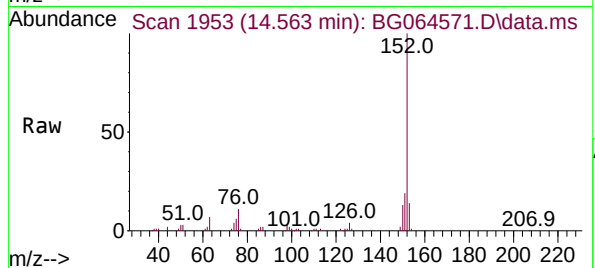
153 14.0 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 10.256 ng

RT: 14.281 min Scan# 1905

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

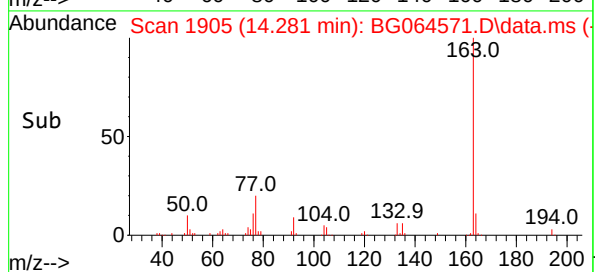
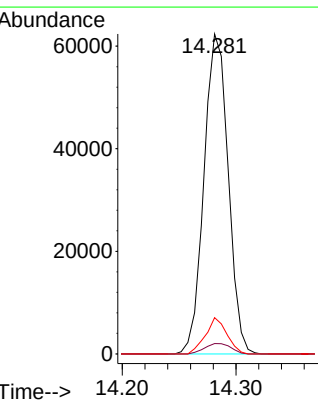
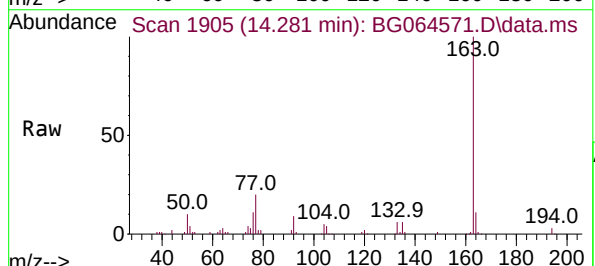
Tgt Ion:163 Resp: 92308

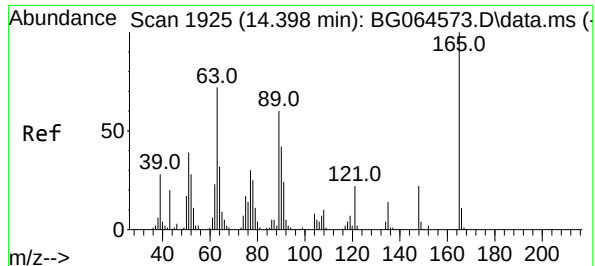
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 11.3 7.7 11.5





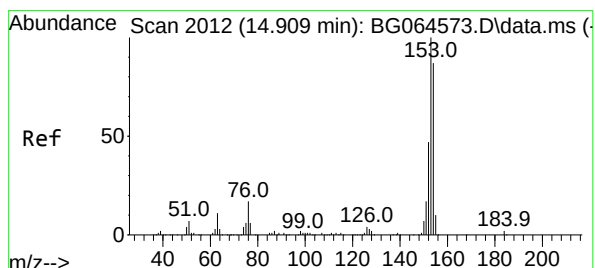
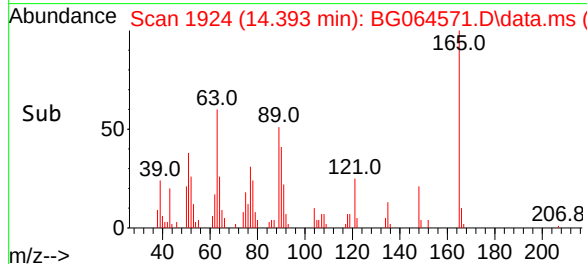
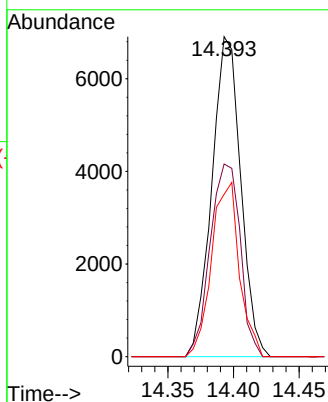
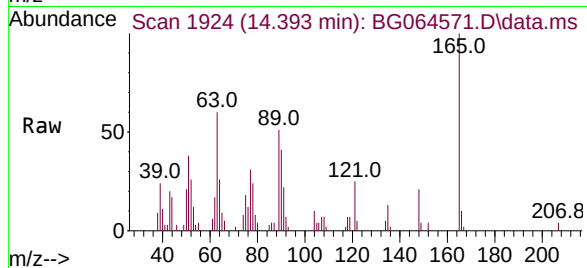
#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 14.393 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 1060
Ion Ratio Lower Upper
165 100
63 60.2 57.4 86.0
89 50.8 47.8 71.8

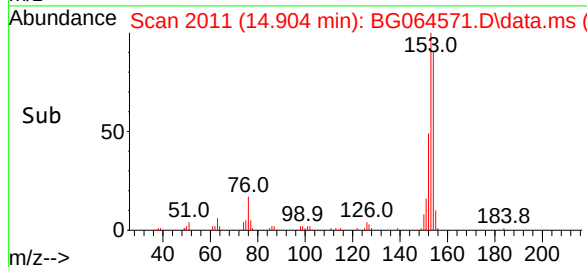
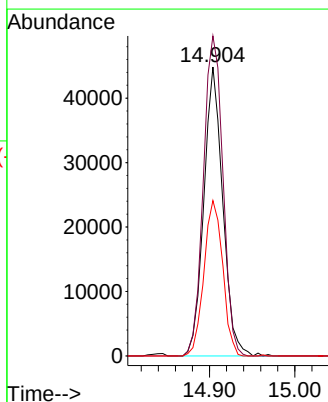
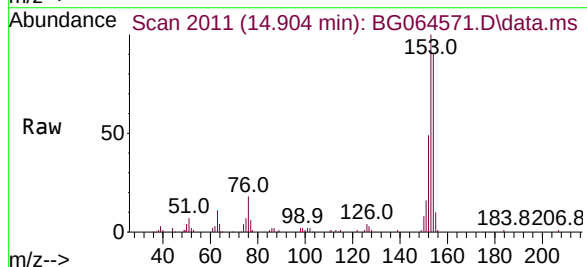
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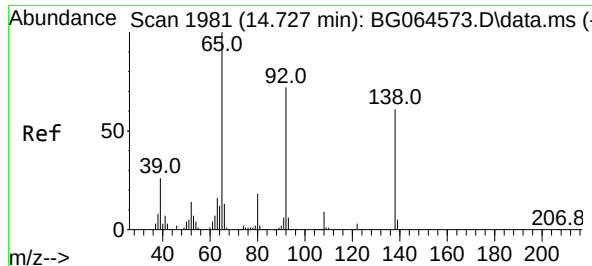
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 10.184 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

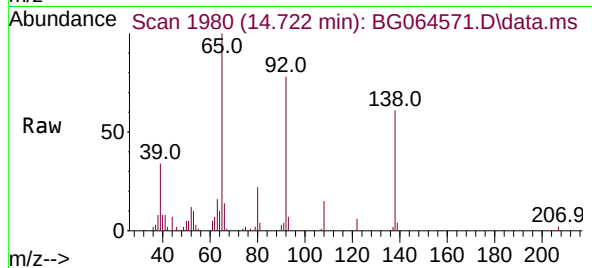
Tgt Ion:154 Resp: 69273
Ion Ratio Lower Upper
154 100
153 110.8 92.2 138.4
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 8.026 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

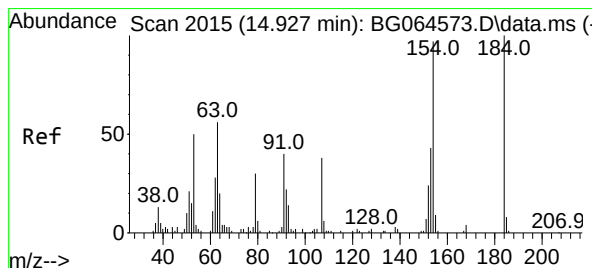
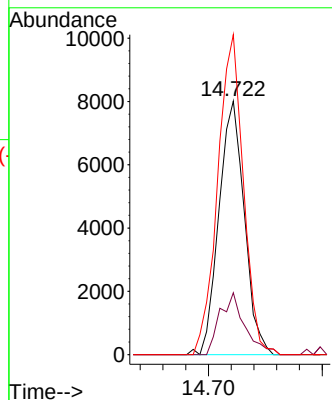
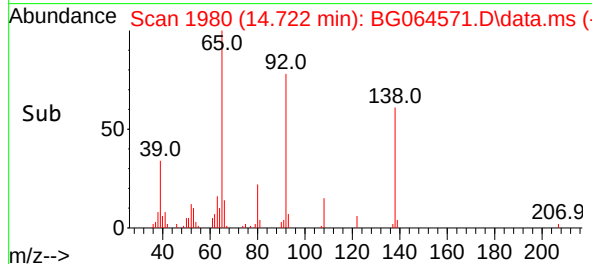
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 12414
Ion Ratio Lower Upper
138 100
108 24.4 11.4 17.0#
92 126.2 95.3 142.9

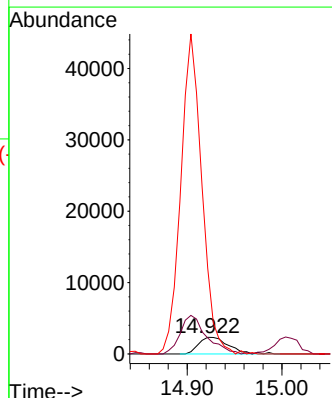
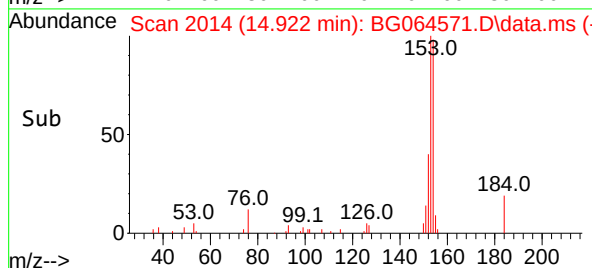
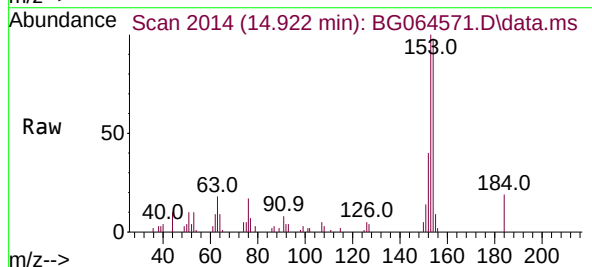
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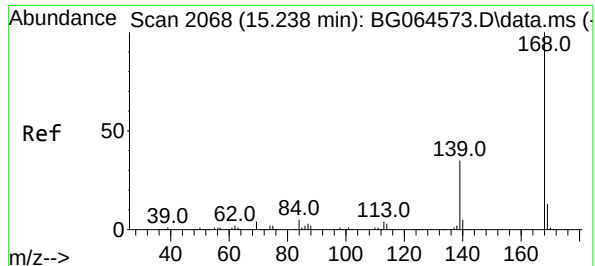
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 10.760 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

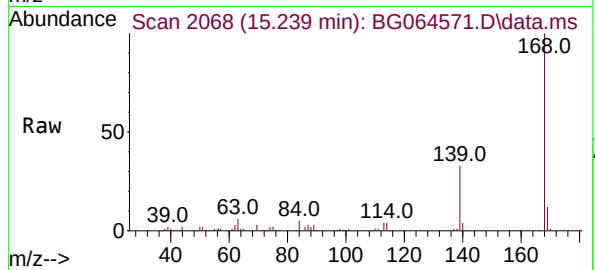
Tgt Ion:184 Resp: 5082
Ion Ratio Lower Upper
184 100
63 95.9 56.6 85.0#
154 514.8 158.6 238.0#





#55
Dibenzofuran
Concen: 10.548 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

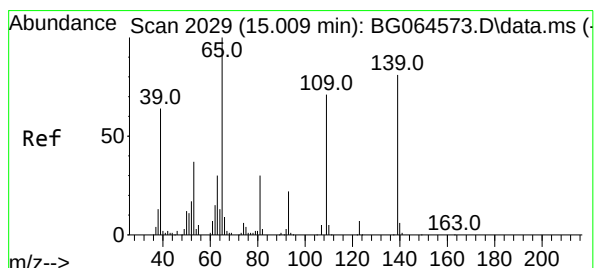
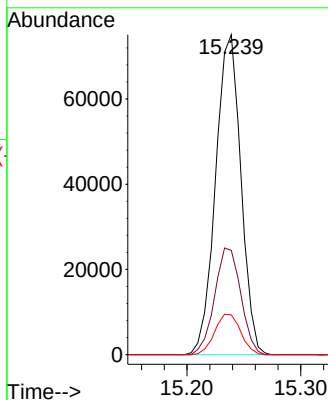
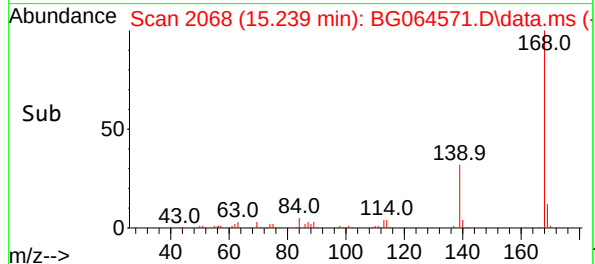
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 115990
Ion Ratio Lower Upper
168 100
139 32.6 27.8 41.8
169 12.4 10.3 15.5

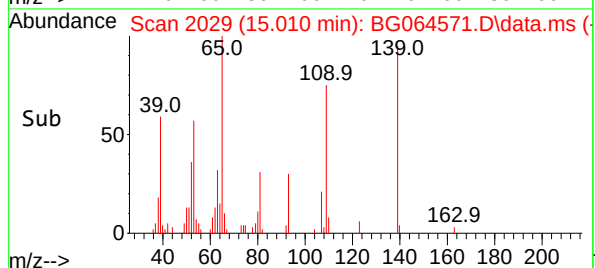
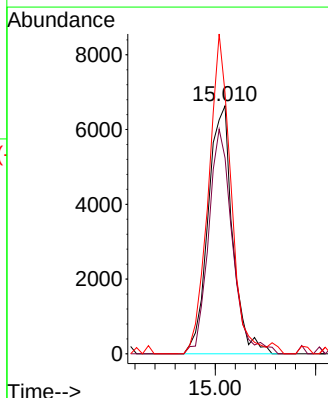
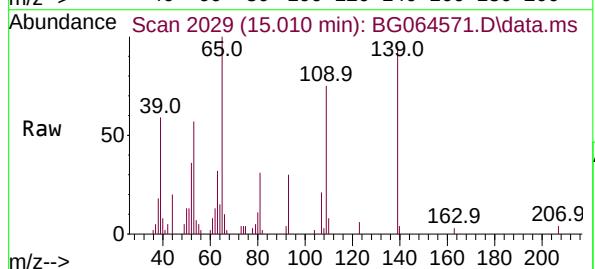
Manual Integrations
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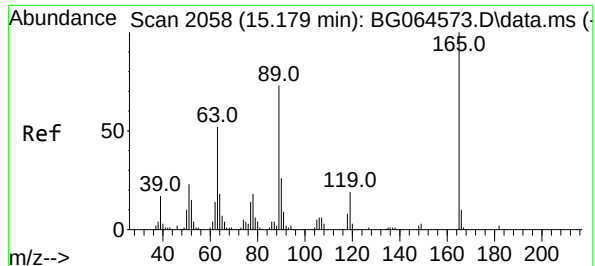
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 7.815 ng
RT: 15.010 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

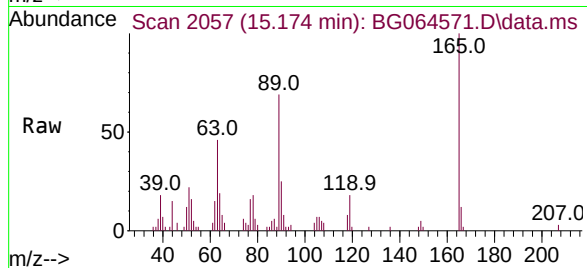
Tgt Ion:139 Resp: 11207
Ion Ratio Lower Upper
139 100
109 78.9 67.8 107.8
65 105.0 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 9.494 ng
RT: 15.174 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

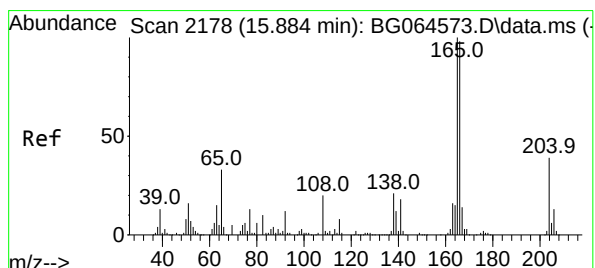
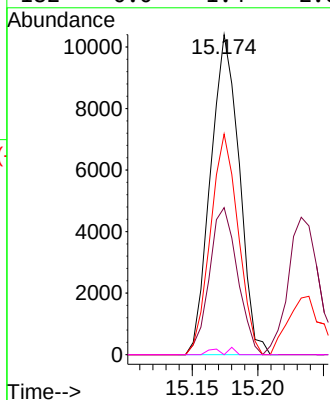
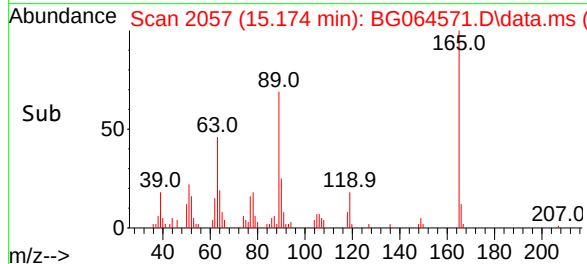
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	41.8	62.8
89	68.9	58.1	87.1
182	0.0	1.4	2.0

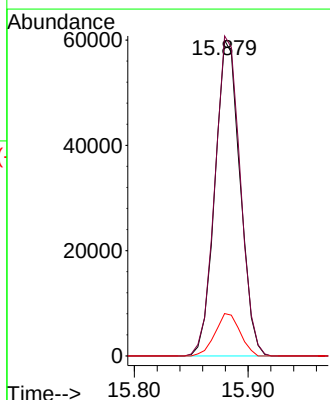
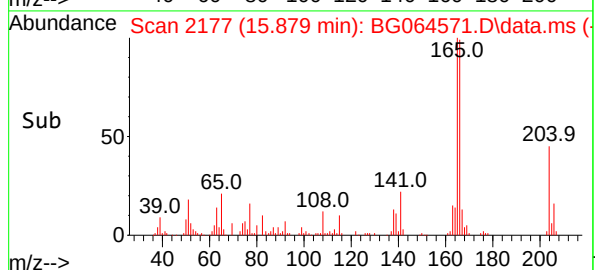
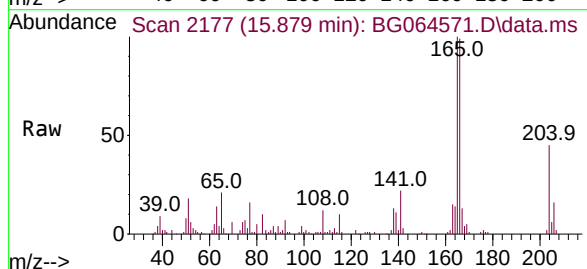
Manual Integrations
APPROVED

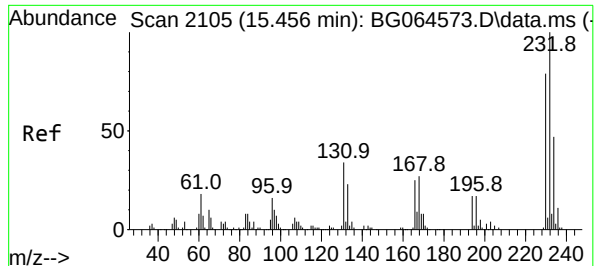
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 10.679 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

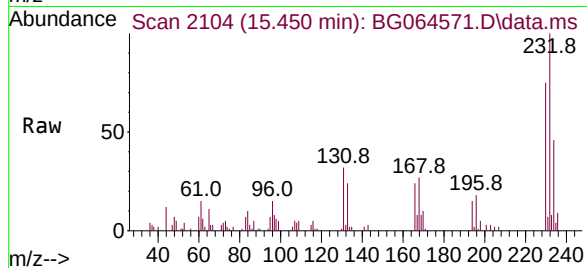
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.5	122.3
167	13.4	11.4	17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.088 ng
RT: 15.450 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

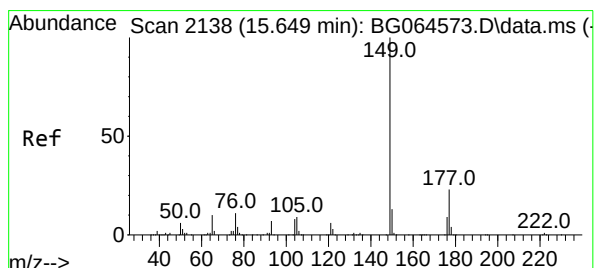
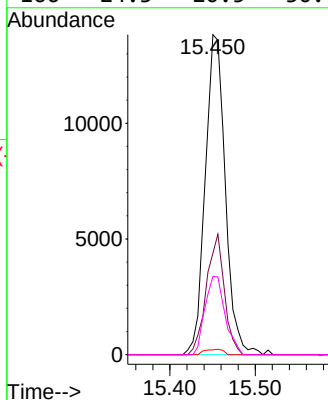
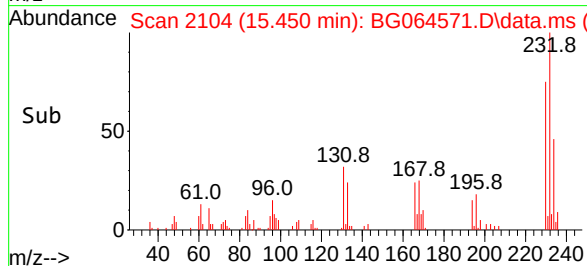
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



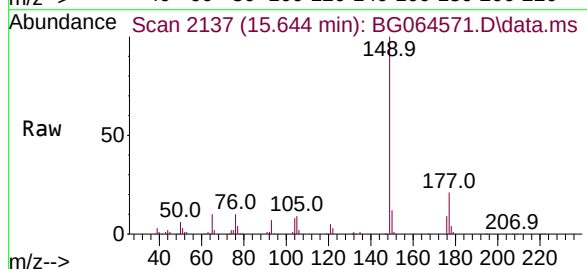
Tgt Ion:232 Resp: 22645
Ion Ratio Lower Upper
232 100
131 33.5 26.7 40.1
130 1.5 1.6 2.4
166 24.3 20.5 30.7

Manual Integrations
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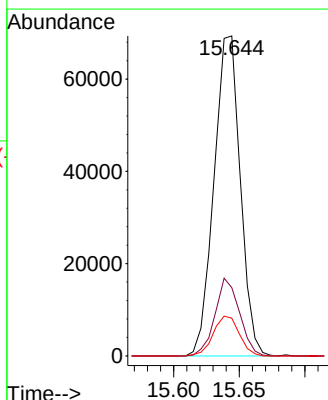
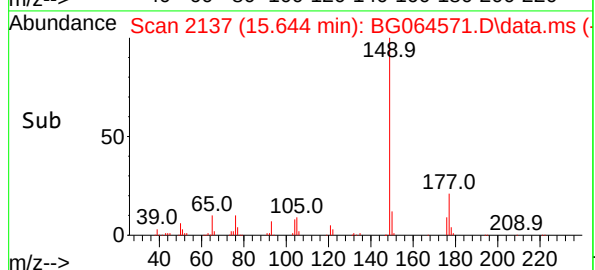
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

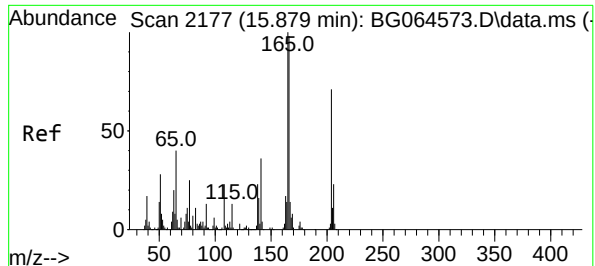


#60
Diethylphthalate
Concen: 10.525 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



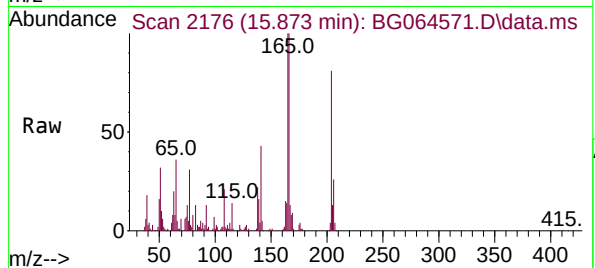
Tgt Ion:149 Resp: 96719
Ion Ratio Lower Upper
149 100
177 21.3 18.0 27.0
150 11.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 10.544 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

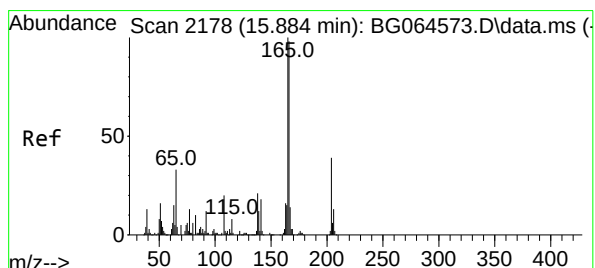
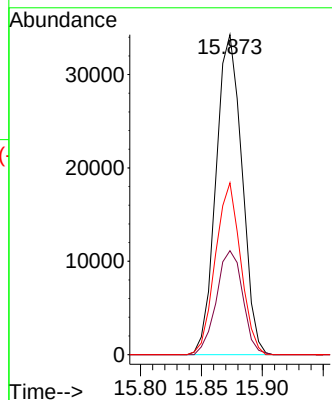
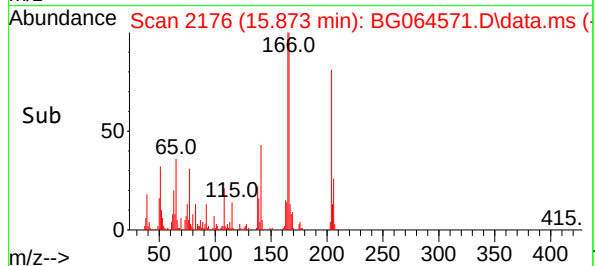
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 50818
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 53.7 40.6 60.8

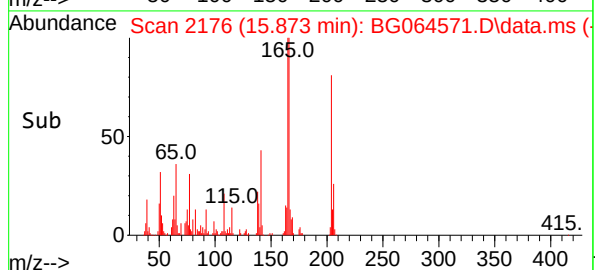
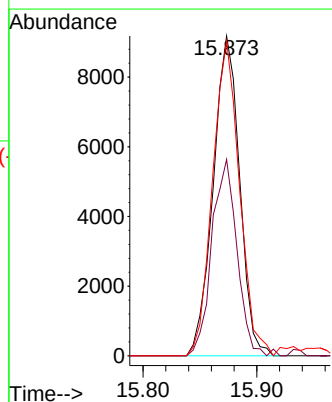
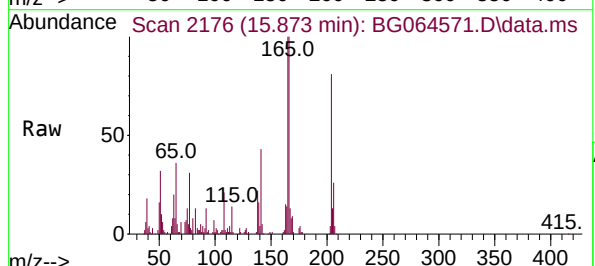
Manual Integrations
APPROVED

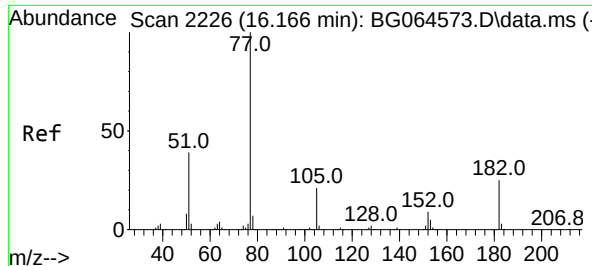
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 8.612 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

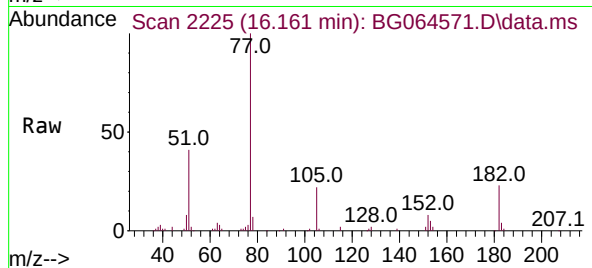
Tgt Ion:138 Resp: 14819
Ion Ratio Lower Upper
138 100
92 61.4 36.1 76.1
108 98.5 75.6 115.6





#63
Azobenzene
Concen: 10.489 ng
RT: 16.161 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

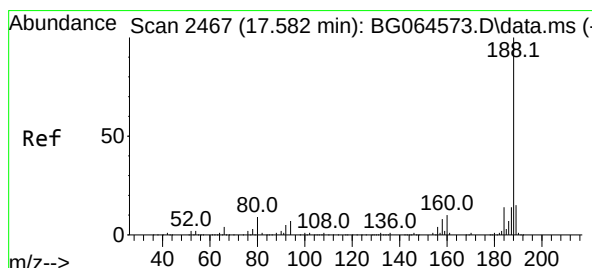
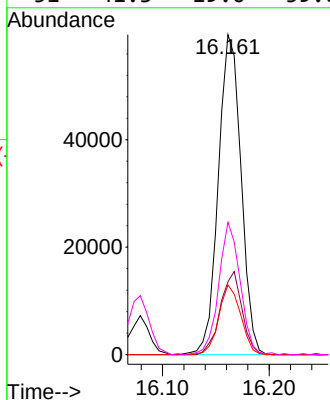
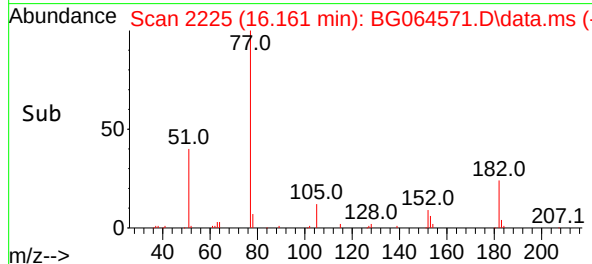
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 8844
Ion Ratio Lower Upper
77 100
182 22.8 4.9 44.9
105 21.7 1.3 41.3
51 41.3 19.0 59.0

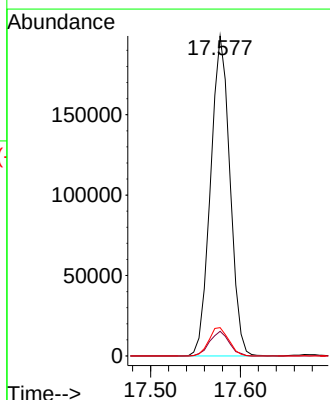
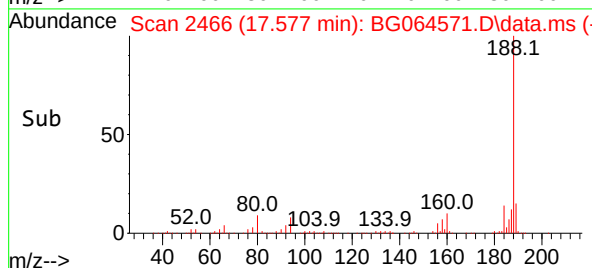
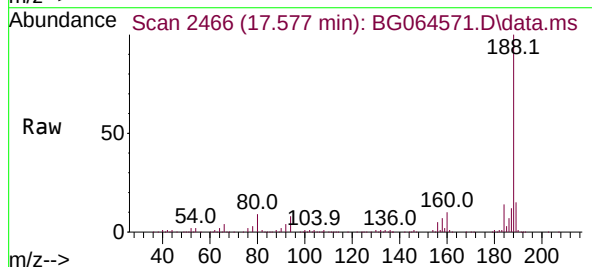
Manual Integrations
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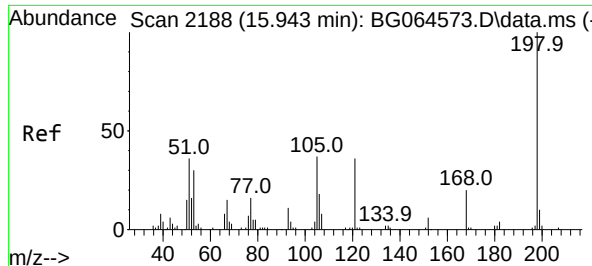
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

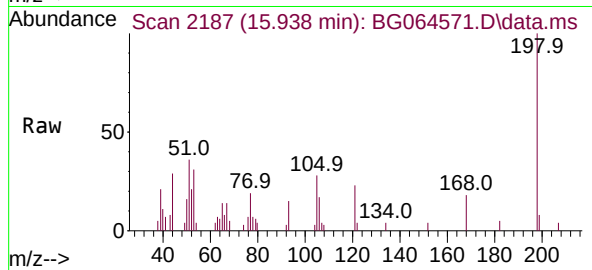
Tgt Ion:188 Resp: 300549
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.8 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 10.919 ng
RT: 15.938 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

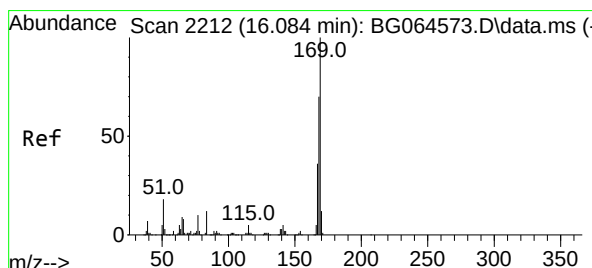
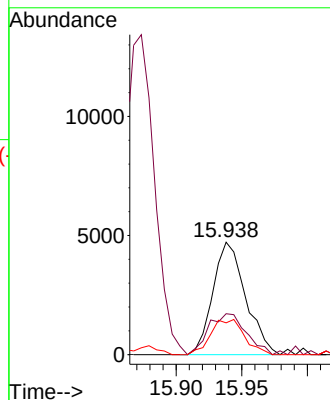
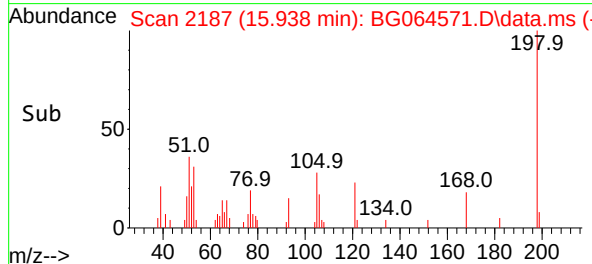
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 8190
Ion Ratio Lower Upper
198 100
51 36.4 24.7 64.7
105 28.3 18.0 58.0

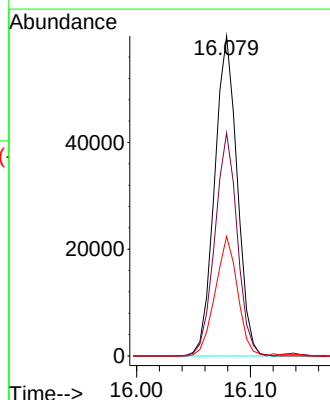
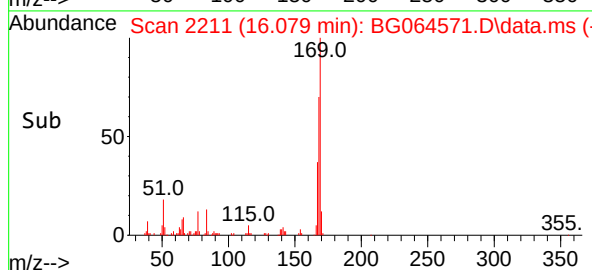
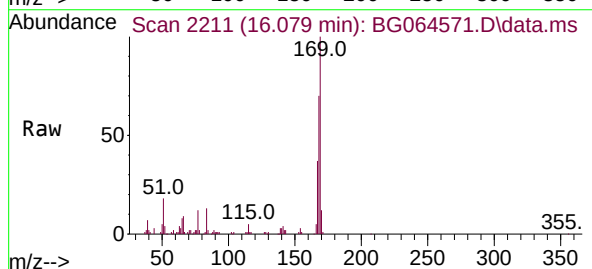
Manual Integrations
APPROVED

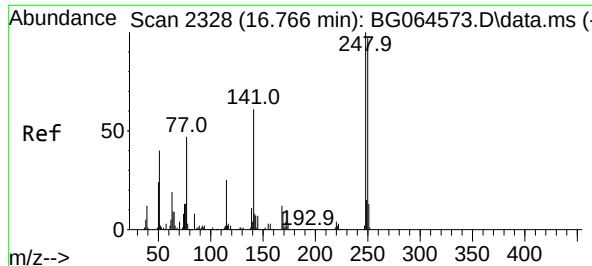
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 10.197 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

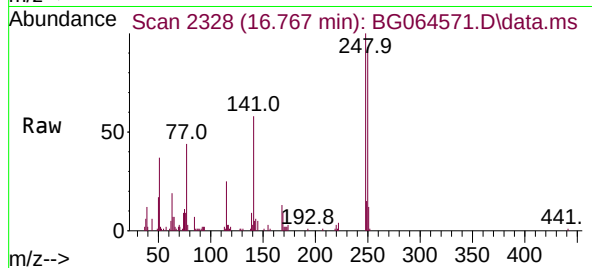
Tgt Ion:169 Resp: 82787
Ion Ratio Lower Upper
169 100
168 69.7 56.3 84.5
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.949 ng
RT: 16.767 min Scan# 2328
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

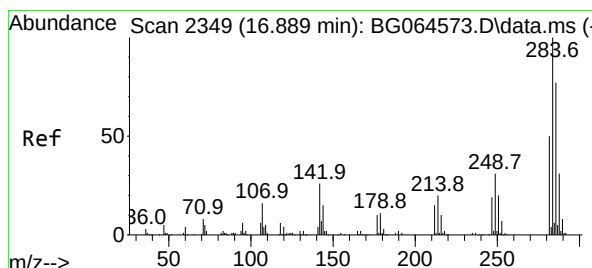
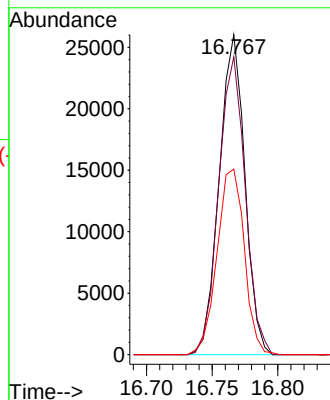
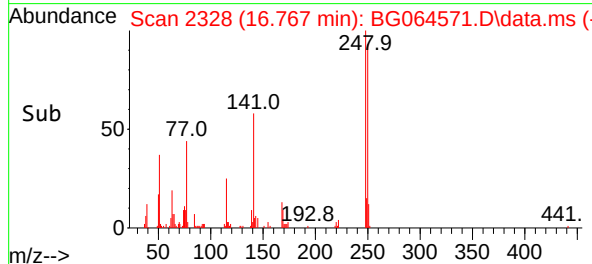
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



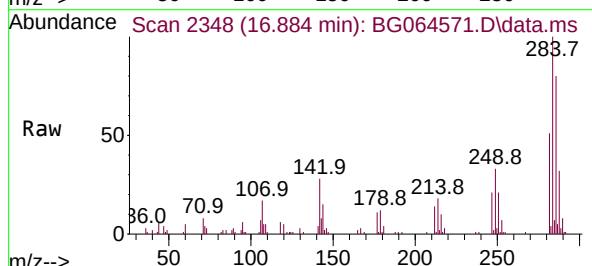
Tgt Ion:248 Resp: 35433
Ion Ratio Lower Upper
248 100
250 93.0 77.7 116.5
141 58.0 48.6 72.8

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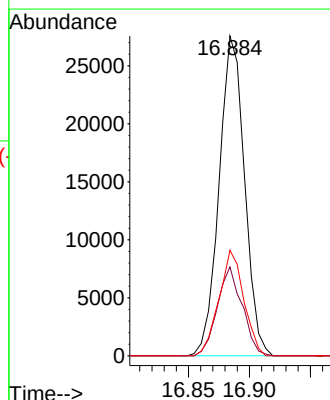
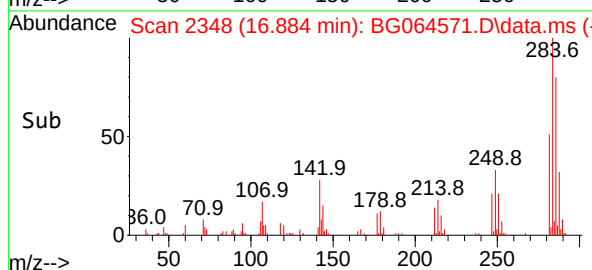
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

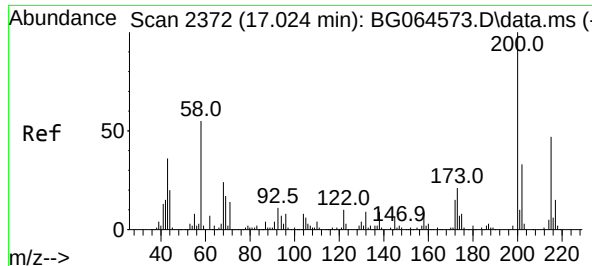


#68
Hexachlorobenzene
Concen: 9.838 ng
RT: 16.884 min Scan# 2348
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



Tgt Ion:284 Resp: 39975
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.6
249 35.9 24.9 37.3





#69

Atrazine

Concen: 9.785 ng

RT: 17.019 min Scan# 2371

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

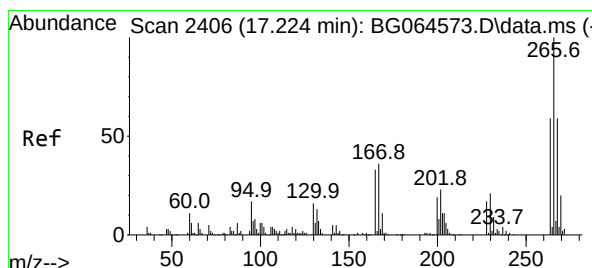
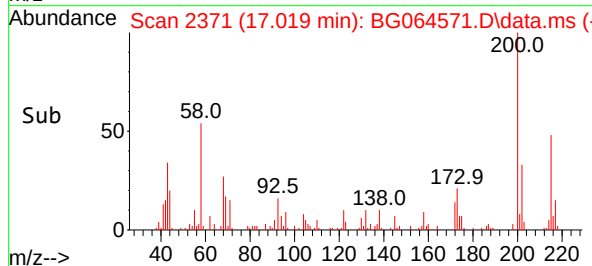
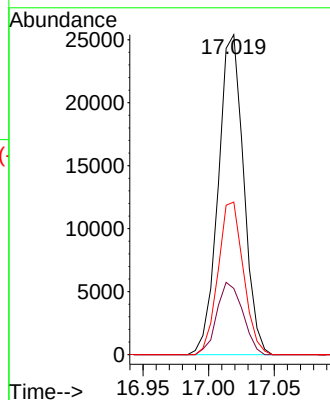
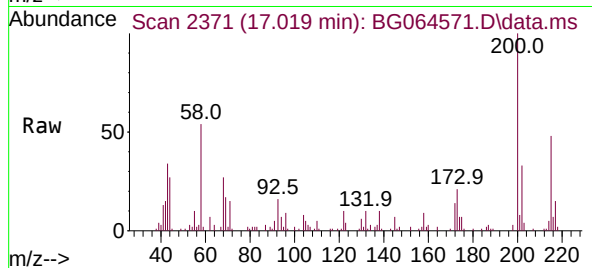
ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 34185
Ion Ratio Lower Upper
200 100
173 20.7 0.9 40.9
215 47.7 27.0 67.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 7.838 ng

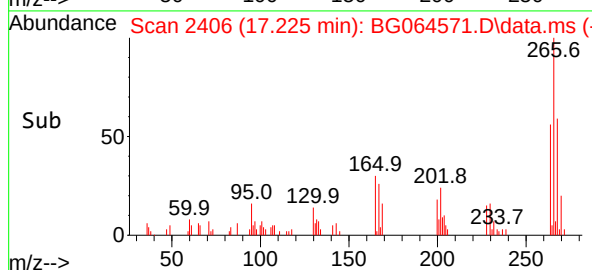
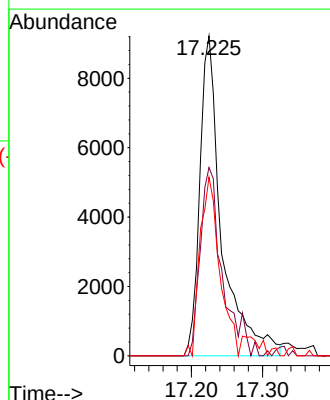
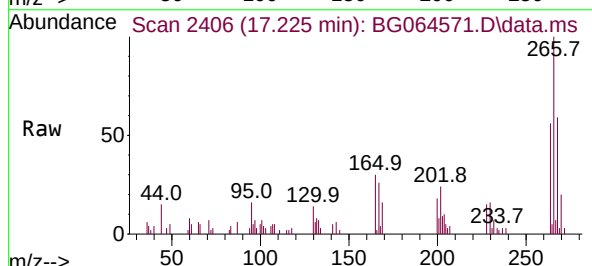
RT: 17.225 min Scan# 2406

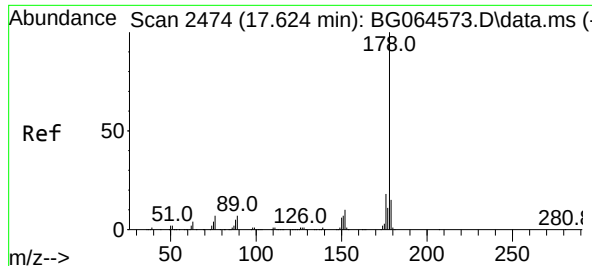
Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

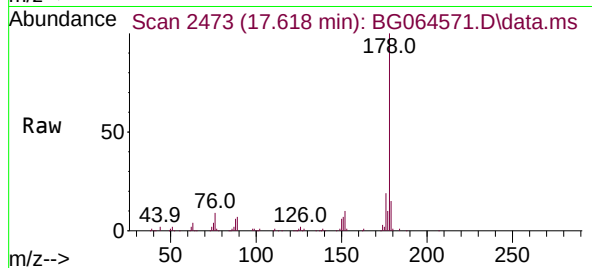
Tgt Ion:266 Resp: 19859
Ion Ratio Lower Upper
266 100
268 58.9 50.3 75.5
264 61.2 47.3 70.9





#71
Phenanthrene
Concen: 10.361 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

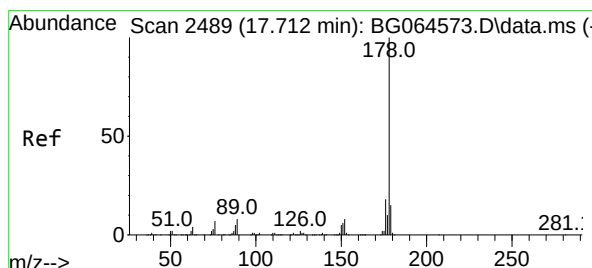
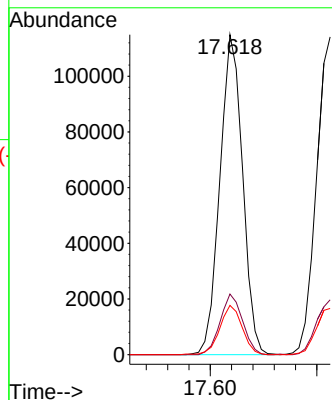
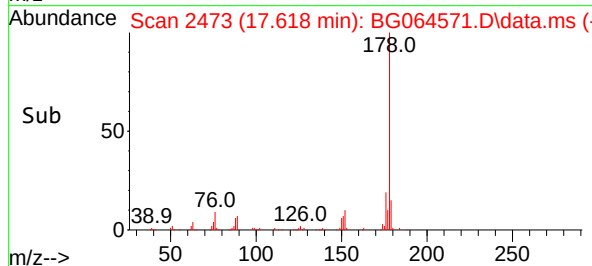
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 170294
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4

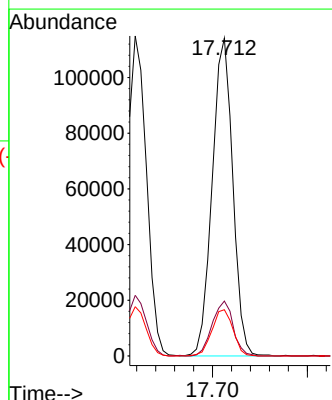
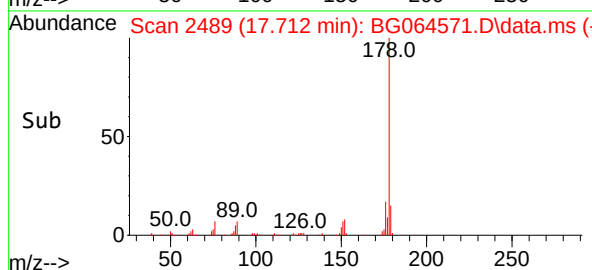
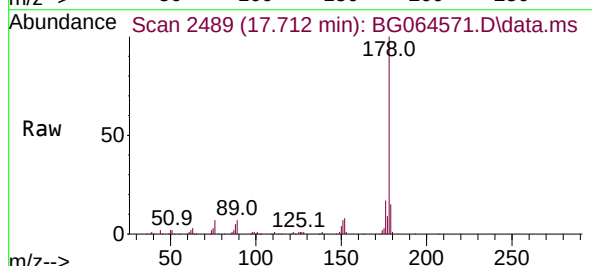
Manual Integrations
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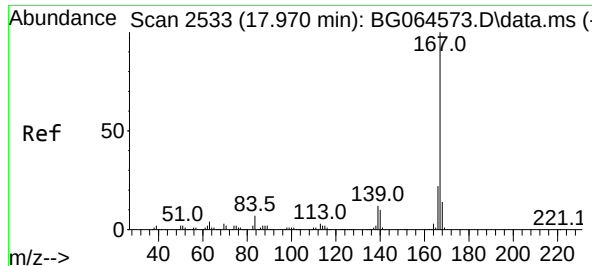
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 10.279 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

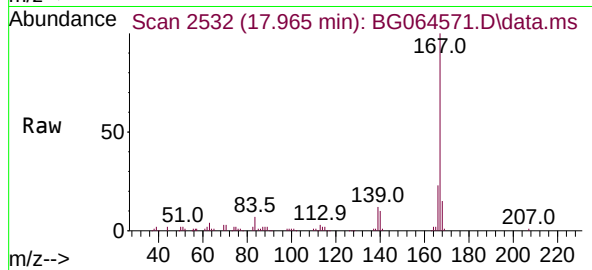
Tgt Ion:178 Resp: 171860
Ion Ratio Lower Upper
178 100
176 17.2 14.4 21.6
179 14.5 12.4 18.6





#73
Carbazole
Concen: 10.575 ng
RT: 17.965 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

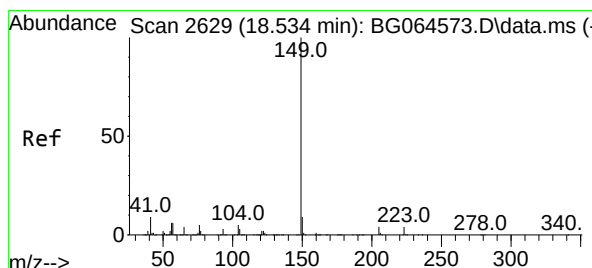
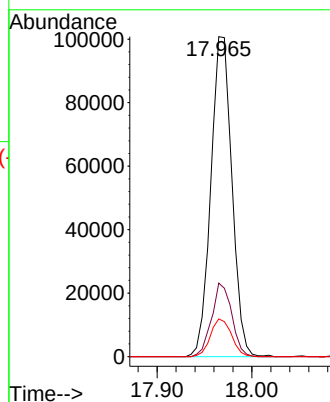
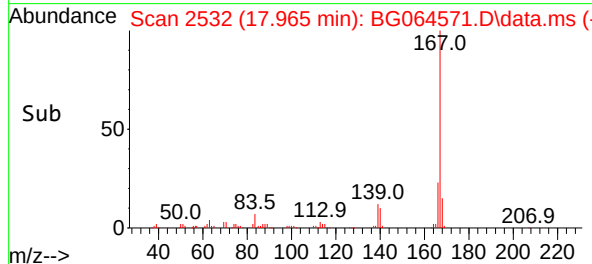
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 15590
Ion Ratio Lower Upper
167 100
166 23.0 17.9 26.9
139 11.8 9.7 14.5

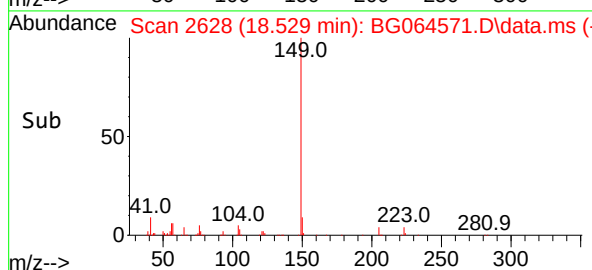
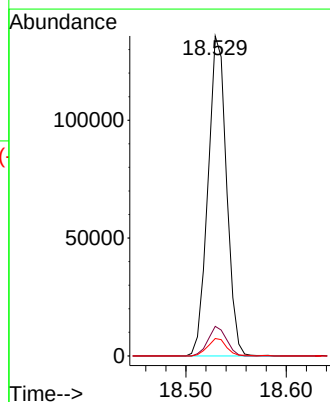
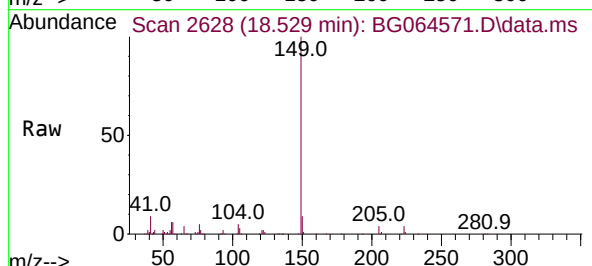
Manual Integrations
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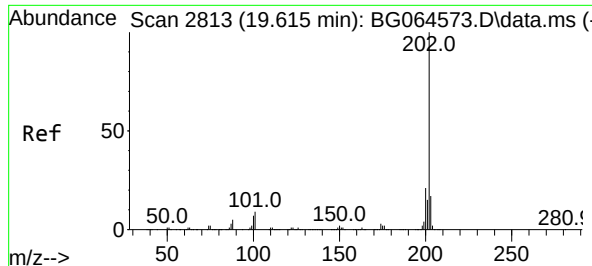
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 10.189 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

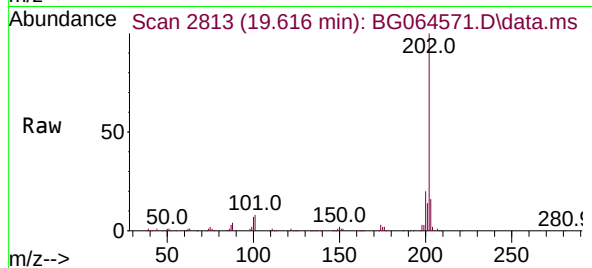
Tgt Ion:149 Resp: 173716
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 10.677 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

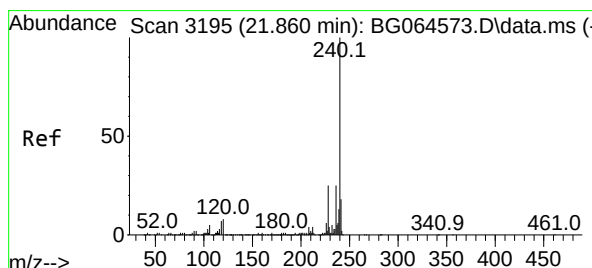
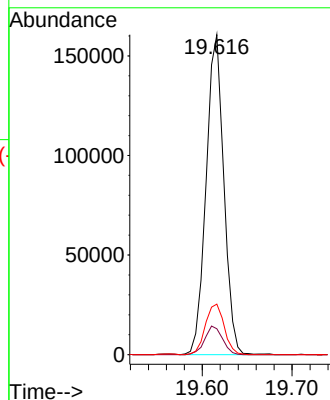
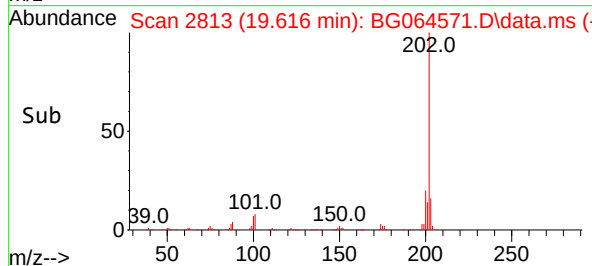
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 219838
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.7
203 15.8 0.0 37.0

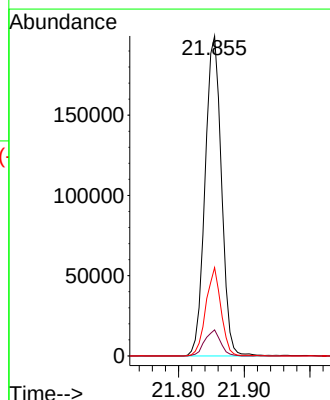
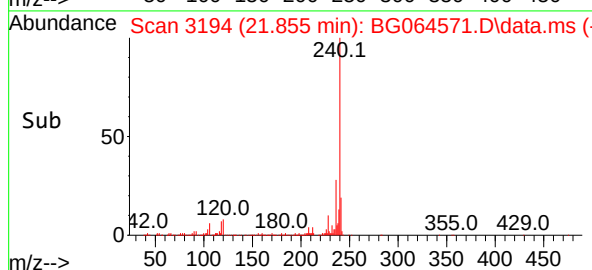
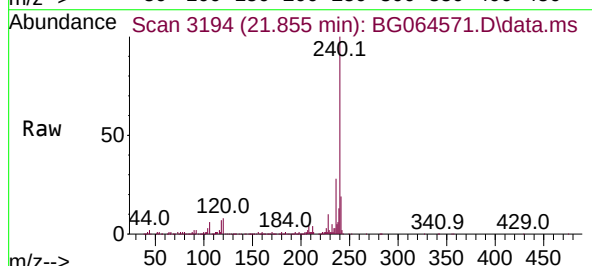
Manual Integrations
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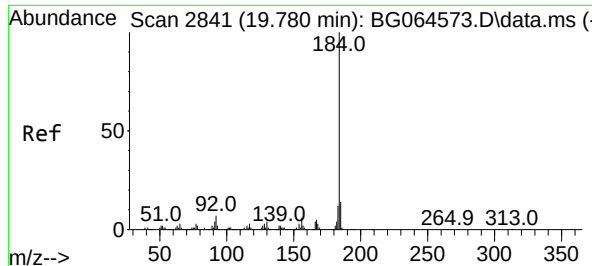
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

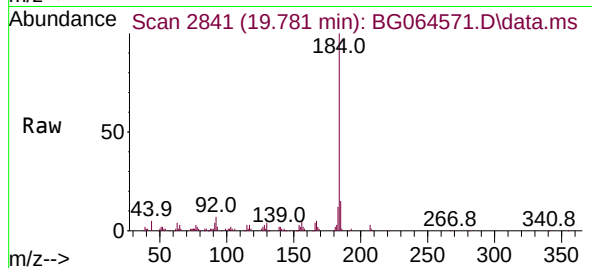
Tgt Ion:240 Resp: 343958
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 27.6 20.2 30.2





#77
Benzidine
Concen: 8.750 ng
RT: 19.781 min Scan# 2841
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

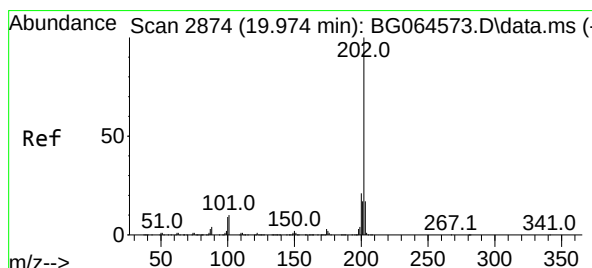
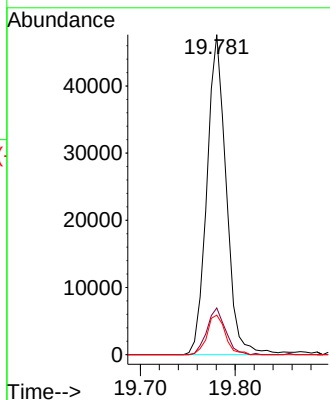
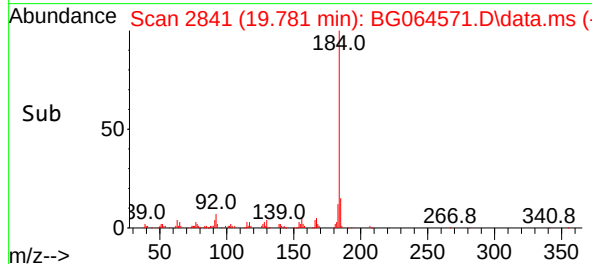
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 67427
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 12.3 9.4 14.2

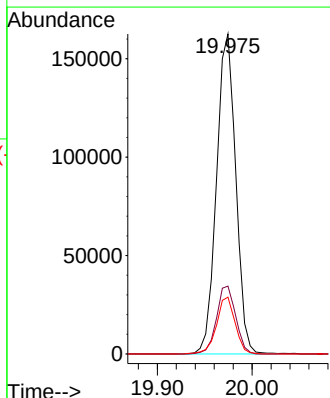
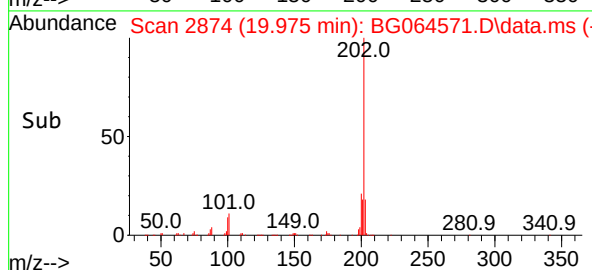
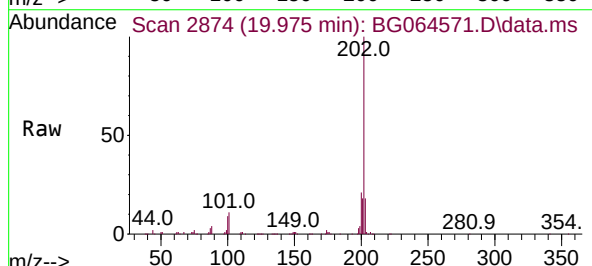
Manual Integrations
APPROVED

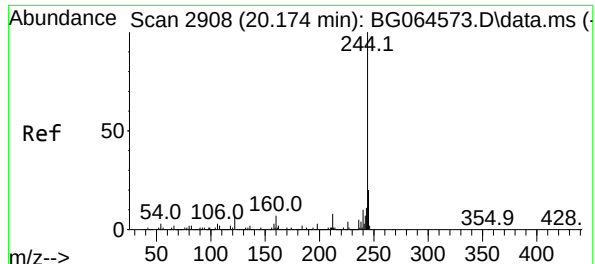
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 10.186 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

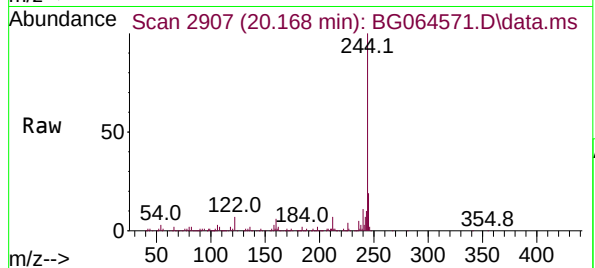
Tgt Ion:202 Resp: 228905
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 21.129 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

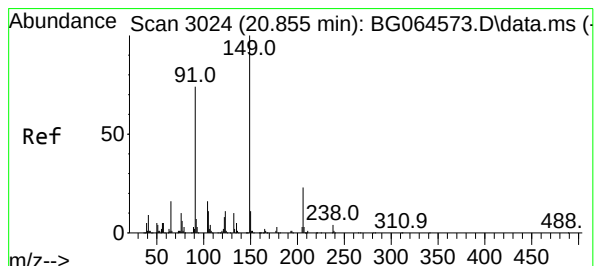
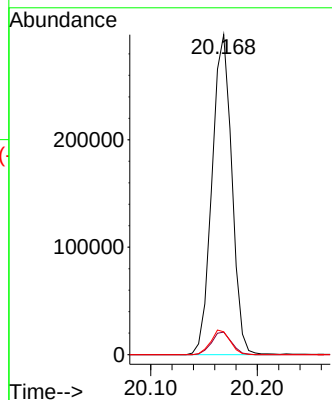
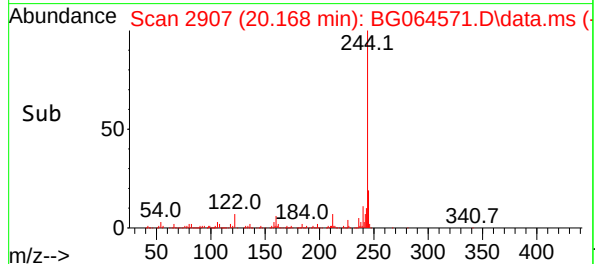
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



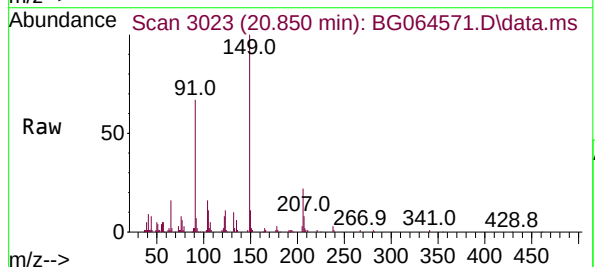
Tgt Ion:244 Resp: 385094
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 7.2 5.6 8.4

Manual Integrations
APPROVED

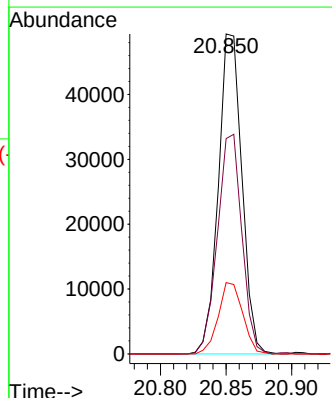
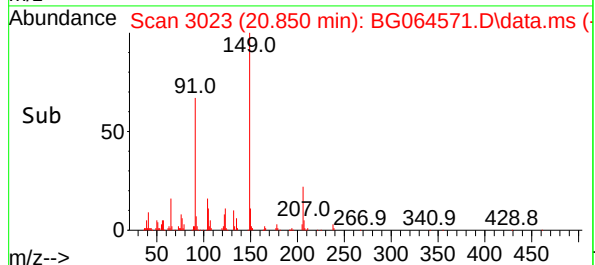
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

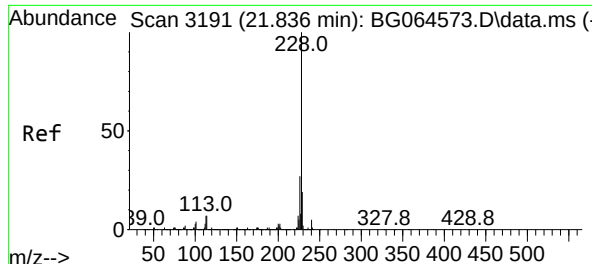


#80
Butylbenzylphthalate
Concen: 9.080 ng
RT: 20.850 min Scan# 3023
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



Tgt Ion:149 Resp: 61669
Ion Ratio Lower Upper
149 100
91 67.3 59.2 88.8
206 22.3 18.1 27.1





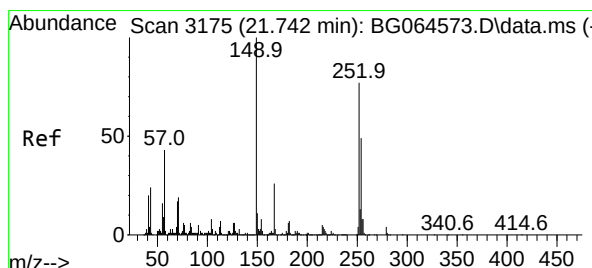
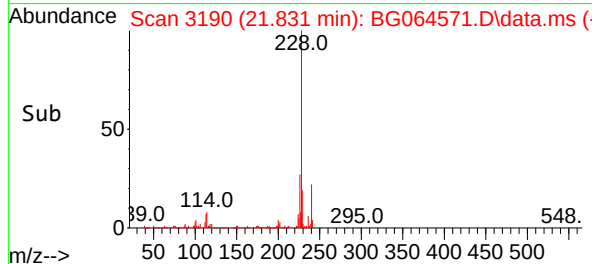
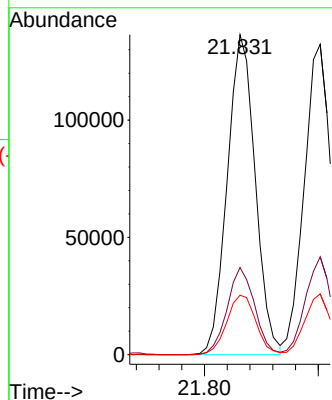
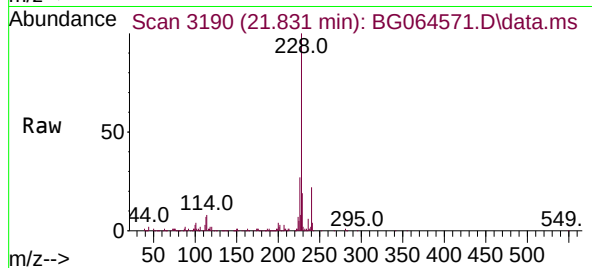
#81
Benzo(a)anthracene
Concen: 10.219 ng
RT: 21.831 min Scan# 3191
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 23305
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 18.6 15.6 23.4

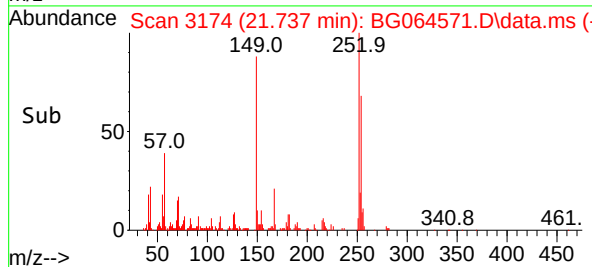
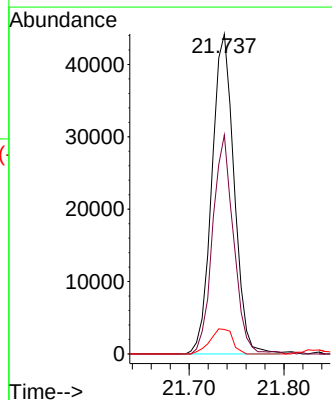
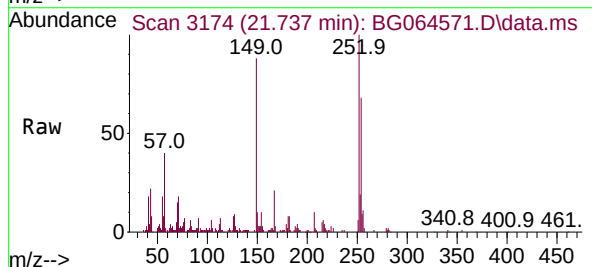
Manual Integrations
APPROVED

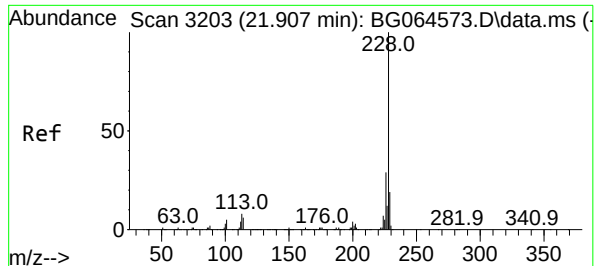
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.448 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 71951
Ion Ratio Lower Upper
252 100
254 68.4 50.8 76.2
126 7.6 5.8 8.6





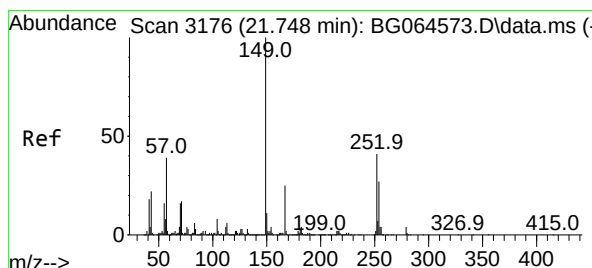
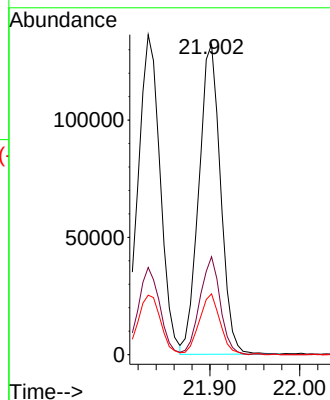
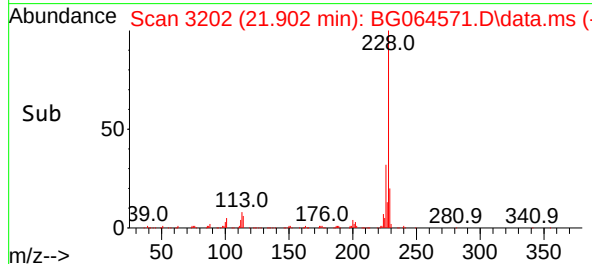
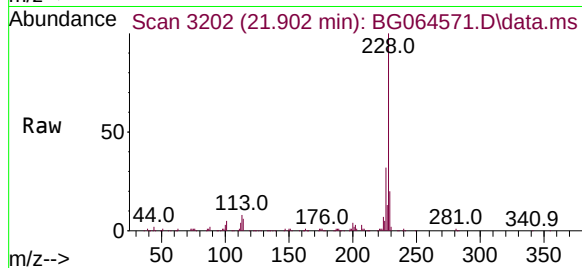
#83
Chrysene
Concen: 10.231 ng
RT: 21.902 min Scan# 311
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 222018
Ion Ratio Lower Upper
228 100
226 31.5 23.3 34.9
229 19.6 15.2 22.8

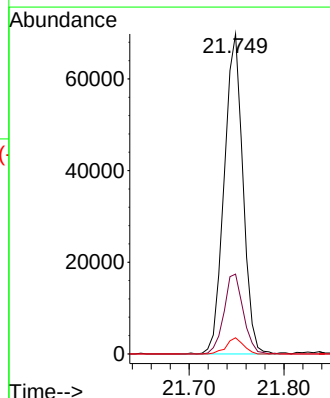
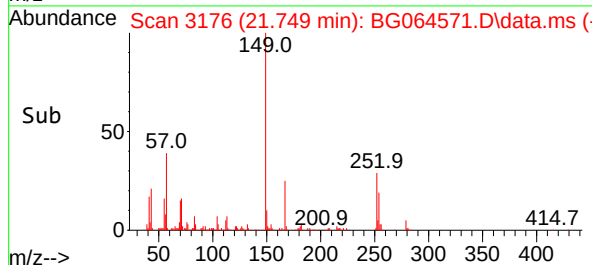
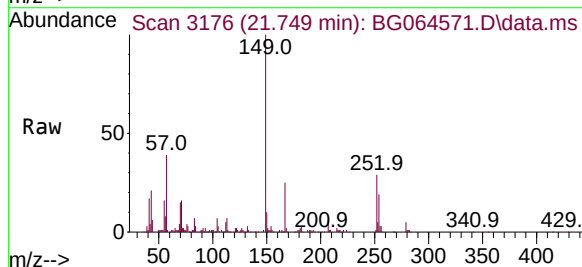
Manual Integrations
APPROVED

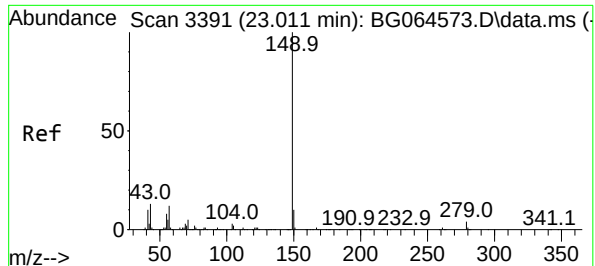
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.410 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

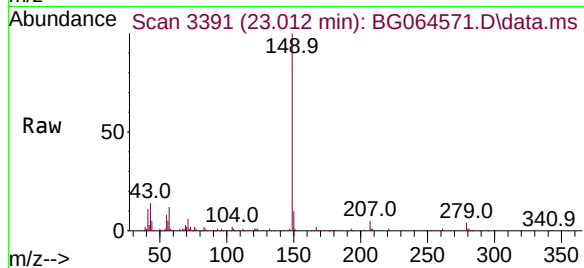
Tgt Ion:149 Resp: 95500
Ion Ratio Lower Upper
149 100
167 24.9 20.0 30.0
279 5.0 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 8.759 ng
RT: 23.012 min Scan# 3391
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

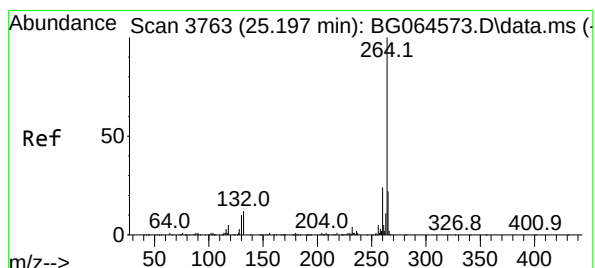
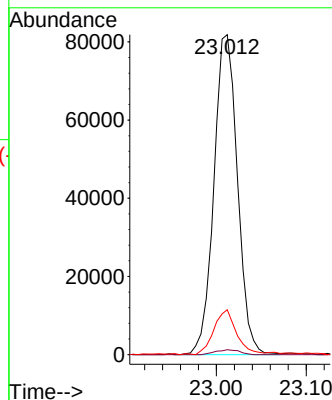
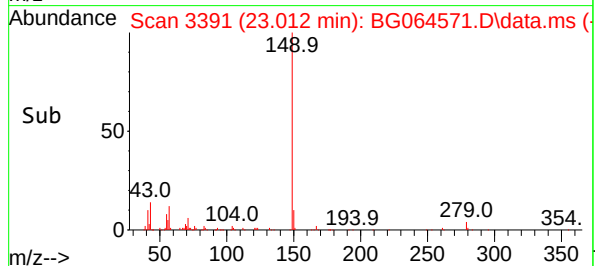
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



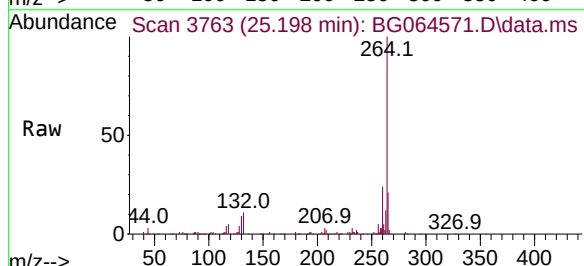
Tgt Ion:149 Resp: 149872
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.9 10.8 16.2

Manual Integrations
APPROVED

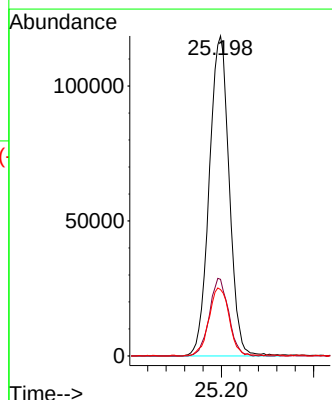
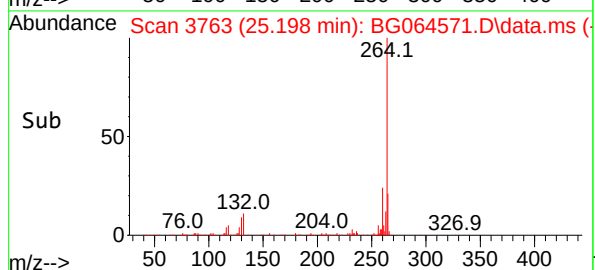
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

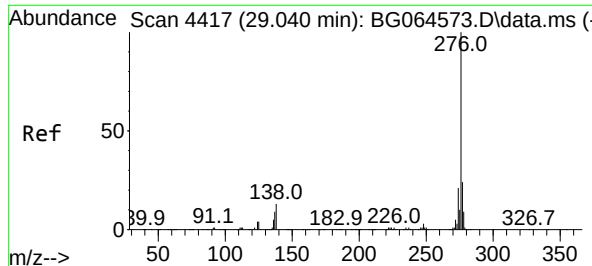


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



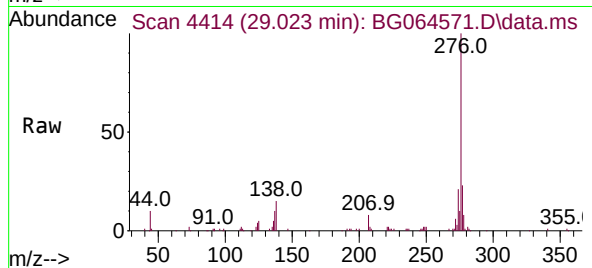
Tgt Ion:264 Resp: 354939
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.132 ng
RT: 29.023 min Scan# 4417
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

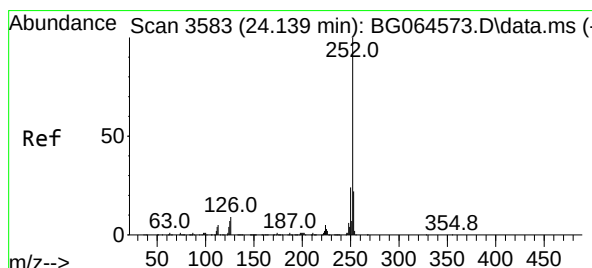
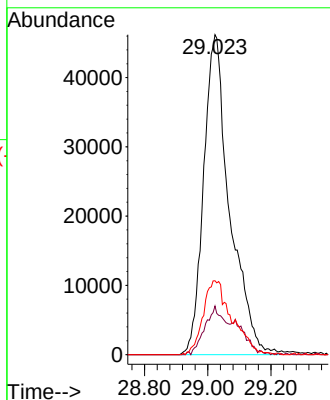
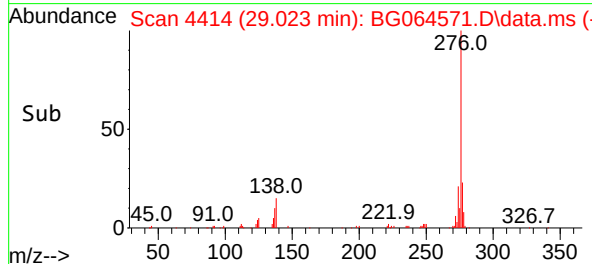
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 26454
Ion Ratio Lower Upper
276 100
138 11.8 10.8 16.2
277 20.9 20.1 30.1

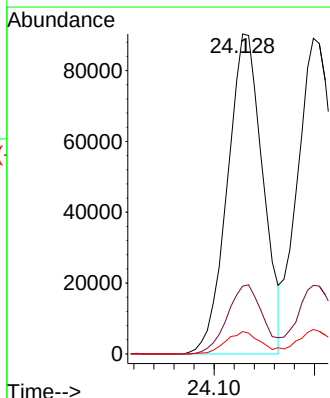
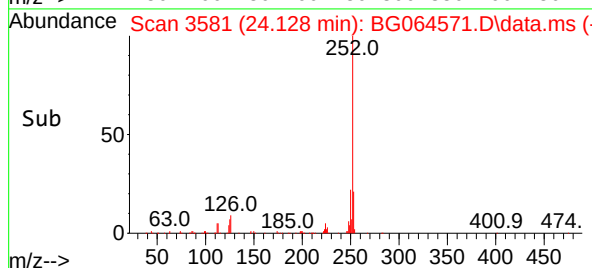
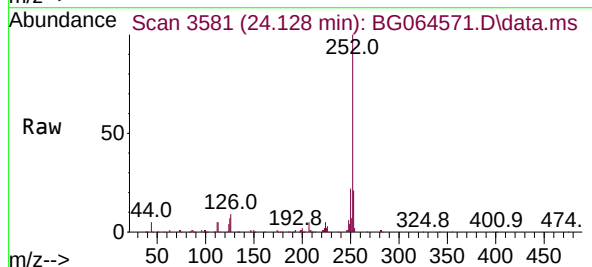
Manual Integrations
APPROVED

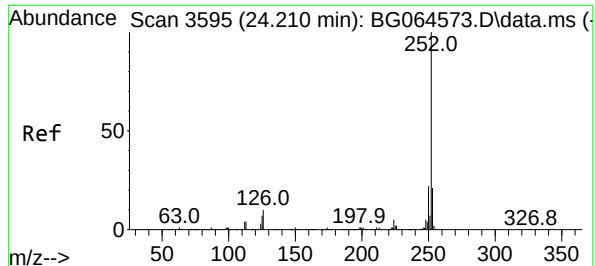
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 10.163 ng
RT: 24.128 min Scan# 3581
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 252 Resp: 221197
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 10.270 ng

RT: 24.199 min Scan# 3593

Delta R.T. -0.011 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

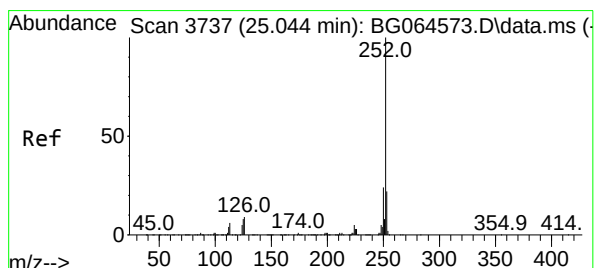
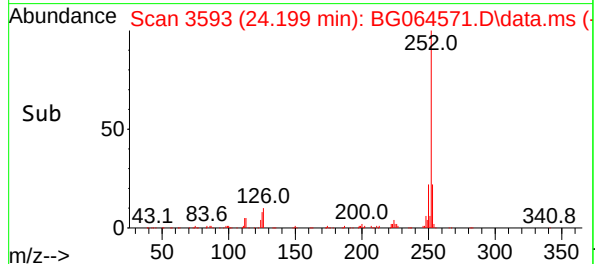
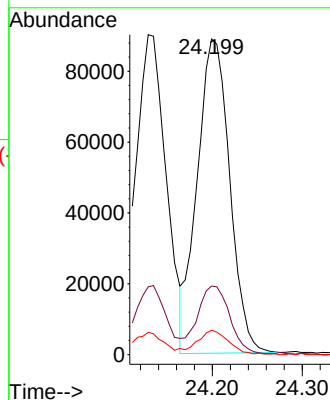
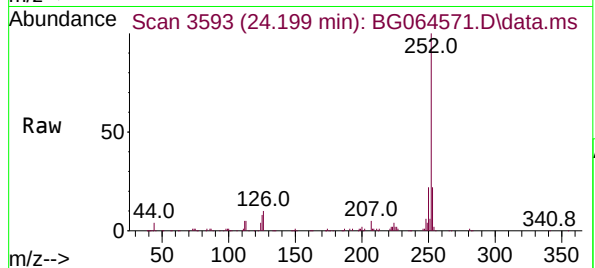
ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 223674
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 7.7 5.4 8.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 10.146 ng

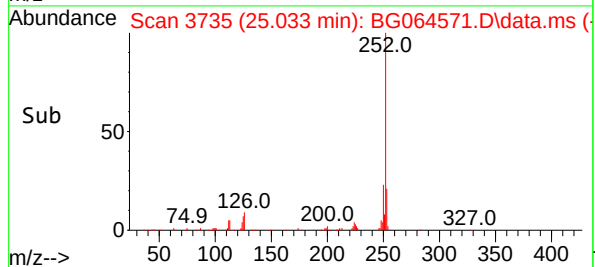
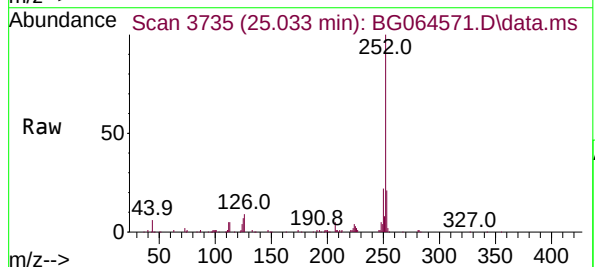
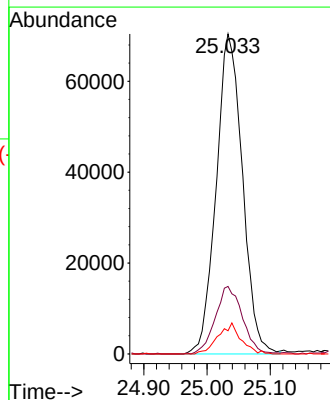
RT: 25.033 min Scan# 3735

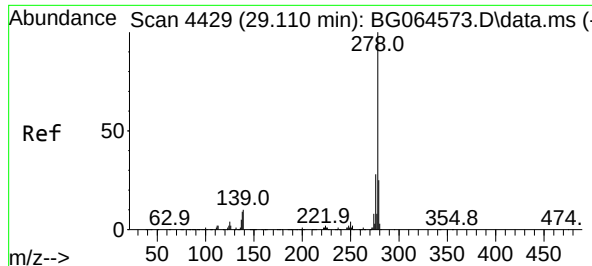
Delta R.T. -0.011 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 202985
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 7.2 6.1 9.1





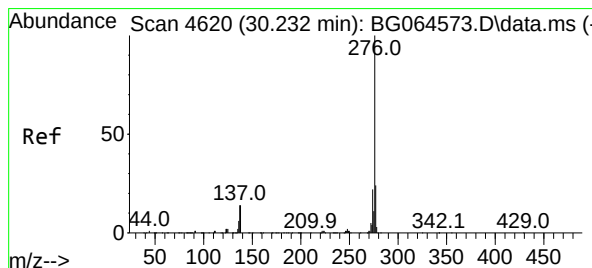
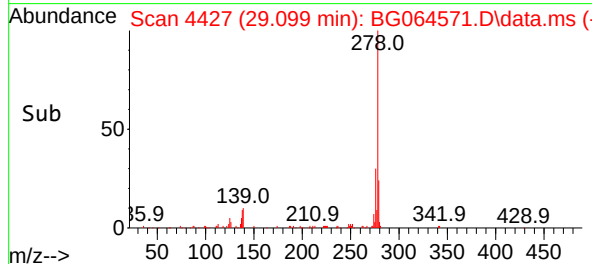
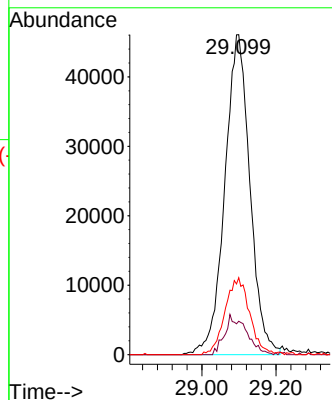
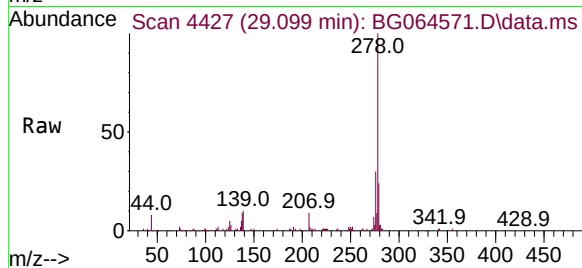
#91
Dibenzo(a,h)anthracene
Concen: 10.235 ng
RT: 29.099 min Scan# 4429
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 217114
Ion Ratio Lower Upper
278 100
139 10.4 8.0 12.0
279 24.0 19.8 29.6

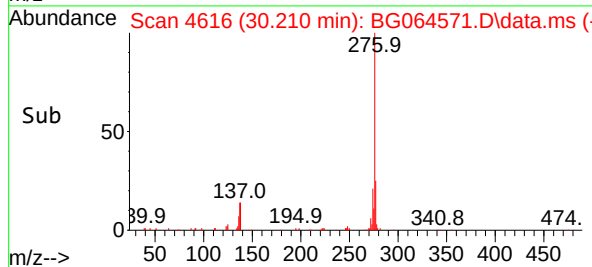
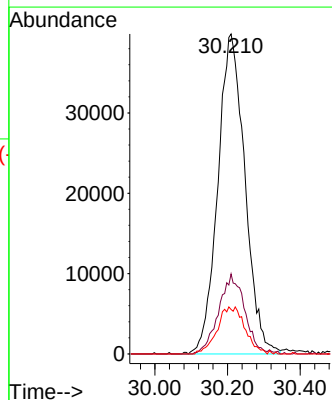
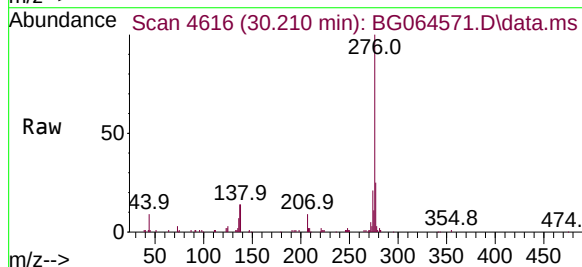
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 10.173 ng
RT: 30.210 min Scan# 4616
Delta R.T. -0.023 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:276 Resp: 206153
Ion Ratio Lower Upper
276 100
277 25.0 19.1 28.7
138 13.9 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064572.D
 Acq On : 24 Oct 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	46818	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	192551	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	147520	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	357228	20.000	ng	0.00
76) Chrysene-d12	21.854	240	408574	20.000	ng	0.00
86) Perylene-d12	25.198	264	430370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	108123	38.764	ng	0.00
7) Phenol-d6	7.348	99	146608	38.304	ng	0.00
23) Nitrobenzene-d5	9.381	82	121107	37.777	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	80231	37.682	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	385251	39.584	ng	0.00
79) Terphenyl-d14	20.168	244	870741	40.219	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	24533	19.867	ng	99
3) Pyridine	3.999	79	72660	19.593	ng	96
4) n-Nitrosodimethylamine	3.905	42	37799	19.007	ng	# 90
6) Aniline	7.530	93	99762	19.155	ng	99
8) 2-Chlorophenol	7.777	128	56018	19.187	ng	93
9) Benzaldehyde	7.342	77	46540	22.273	ng	97
10) Phenol	7.377	94	81849	19.337	ng	97
11) bis(2-Chloroethyl)ether	7.624	93	60495	19.439	ng	93
12) 1,3-Dichlorobenzene	8.112	146	65241	19.415	ng	99
13) 1,4-Dichlorobenzene	8.259	146	67506	19.757	ng	94
14) 1,2-Dichlorobenzene	8.582	146	63867	19.380	ng	99
15) Benzyl Alcohol	8.447	79	59123	18.732	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.740	45	158985	19.476	ng	97
17) 2-Methylphenol	8.646	107	55174	19.632	ng	97
18) Hexachloroethane	9.322	117	23663	19.735	ng	97
19) n-Nitroso-di-n-propyla...	9.022	70	52857	19.982	ng	# 94
20) 3+4-Methylphenols	8.969	107	74026	18.730	ng	94
22) Acetophenone	9.040	105	101737	19.328	ng	96
24) Nitrobenzene	9.422	77	66292	19.012	ng	95
25) Isophorone	9.951	82	148388	19.290	ng	98
26) 2-Nitrophenol	10.145	139	21166	17.837	ng	92
27) 2,4-Dimethylphenol	10.192	122	54972	19.211	ng	90
28) bis(2-Chloroethoxy)met...	10.432	93	85225	19.458	ng	97
29) 2,4-Dichlorophenol	10.679	162	60695	19.710	ng	96
30) 1,2,4-Trichlorobenzene	10.908	180	67078	19.171	ng	97
31) Naphthalene	11.096	128	208734	19.552	ng	99
32) Benzoic acid	10.274	122	31567m	18.155	ng	
33) 4-Chloroaniline	11.190	127	79067	19.055	ng	96
34) Hexachlorobutadiene	11.390	225	54233	19.820	ng	98
35) Caprolactam	11.931	113	22010	18.635	ng	93
36) 4-Chloro-3-methylphenol	12.289	107	69582	18.798	ng	92
37) 2-Methylnaphthalene	12.689	142	153445	19.577	ng	97
38) 1-Methylnaphthalene	12.906	142	149456	19.266	ng	97
40) 1,2,4,5-Tetrachloroben...	13.053	216	95653	19.320	ng	99
41) Hexachlorocyclopentadiene	13.035	237	41178	18.479	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	55295	19.525	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064572.D
 Acq On : 24 Oct 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	64753	19.814	ng	93
46) 1,1'-Biphenyl	13.682	154	206656	19.705	ng	94
47) 2-Chloronaphthalene	13.729	162	155356	19.625	ng	99
48) 2-Nitroaniline	13.911	65	40854	17.565	ng	98
49) Acenaphthylene	14.563	152	242914	19.454	ng	98
50) Dimethylphthalate	14.281	163	219575	19.452	ng	99
51) 2,6-Dinitrotoluene	14.393	165	28427	17.440	ng	96
52) Acenaphthene	14.904	154	164542	19.287	ng	96
53) 3-Nitroaniline	14.722	138	37234	19.193	ng	# 99
54) 2,4-Dinitrophenol	14.921	184	16182	18.744	ng	# 29
55) Dibenzofuran	15.239	168	269419	19.534	ng	98
56) 4-Nitrophenol	15.009	139	31366	17.439	ng	90
57) 2,4-Dinitrotoluene	15.180	165	44209	17.427	ng	# 96
58) Fluorene	15.885	166	210426	19.536	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.456	232	59314	18.980	ng	99
60) Diethylphthalate	15.644	149	223398	19.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	116865	19.333	ng	98
62) 4-Nitroaniline	15.879	138	42261	19.582	ng	99
63) Azobenzene	16.161	77	203101	19.205	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	22843	18.316	ng	92
66) n-Nitrosodiphenylamine	16.079	169	187560	19.437	ng	98
67) 4-Bromophenyl-phenylether	16.766	248	82311	19.444	ng	98
68) Hexachlorobenzene	16.890	284	93647	19.391	ng	96
69) Atrazine	17.019	200	88832	21.392	ng	95
70) Pentachlorophenol	17.219	266	54275	18.022	ng	88
71) Phenanthrene	17.618	178	383359	19.624	ng	99
72) Anthracene	17.712	178	393312	19.792	ng	100
73) Carbazole	17.971	167	350722	20.014	ng	99
74) Di-n-butylphthalate	18.529	149	421239	20.788	ng	100
75) Fluoranthene	19.616	202	492924	20.142	ng	99
77) Benzidine	19.780	184	194070	21.201	ng	99
78) Pyrene	19.974	202	524431	19.646	ng	99
80) Butylbenzylphthalate	20.856	149	158394	19.633	ng	97
81) Benzo(a)anthracene	21.837	228	528009	19.490	ng	100
82) 3,3'-Dichlorobenzidine	21.737	252	174803	19.323	ng	99
83) Chrysene	21.901	228	502125	19.479	ng	97
84) Bis(2-ethylhexyl)phtha...	21.749	149	237524	19.703	ng	100
85) Di-n-octyl phthalate	23.012	149	380895	18.740	ng	99
87) Indeno(1,2,3-cd)pyrene	29.028	276	606702	19.163	ng	99
88) Benzo(b)fluoranthene	24.134	252	503145	19.066	ng	98
89) Benzo(k)fluoranthene	24.205	252	518915	19.650	ng	99
90) Benzo(a)pyrene	25.039	252	470556	19.398	ng	98
91) Dibenzo(a,h)anthracene	29.099	278	498395	19.377	ng	97
92) Benzo(g,h,i)perylene	30.221	276	468496	19.067	ng	99

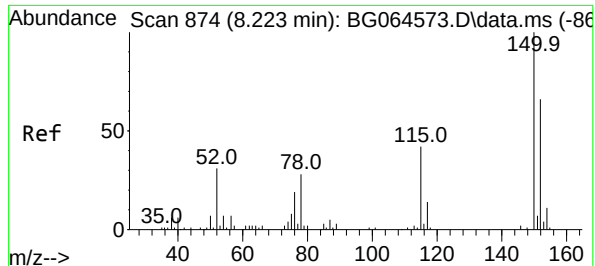
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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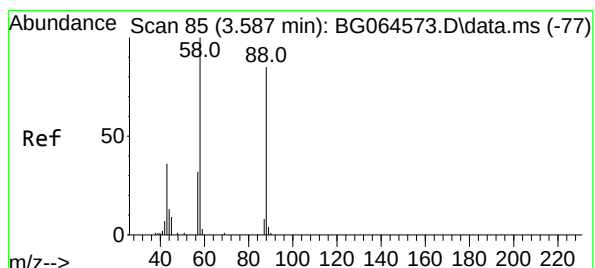
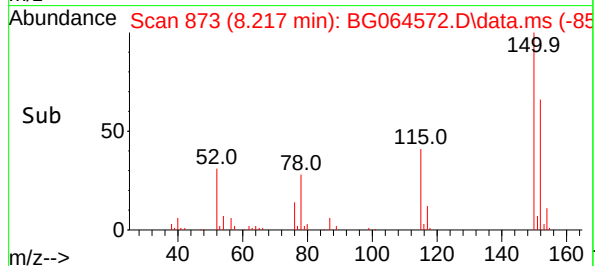
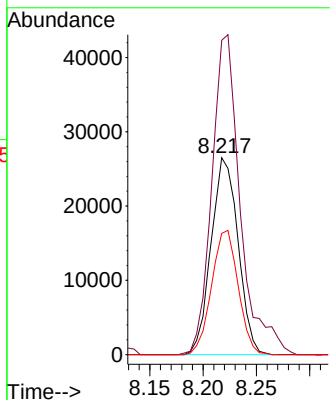
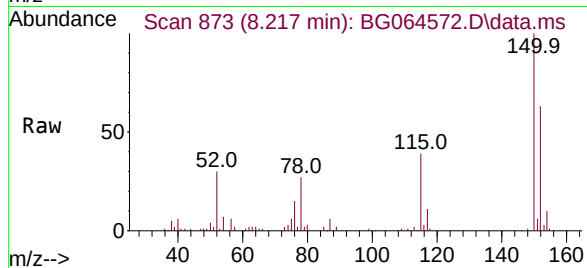
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 46818
Ion Ratio Lower Upper
152 100
150 159.6 122.2 183.4
115 61.5 50.8 76.2

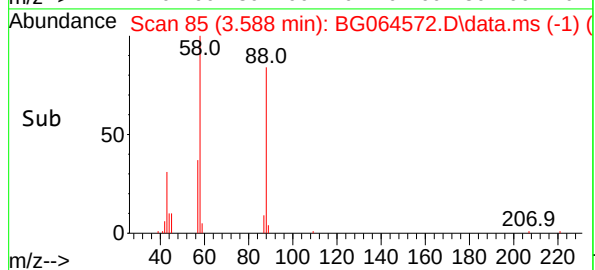
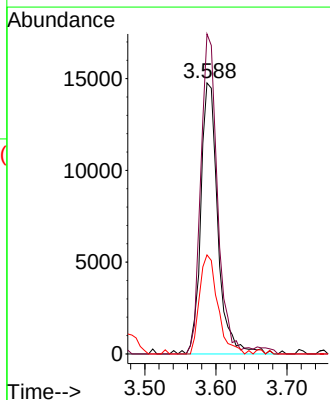
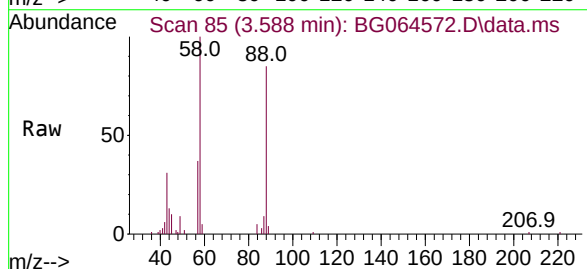
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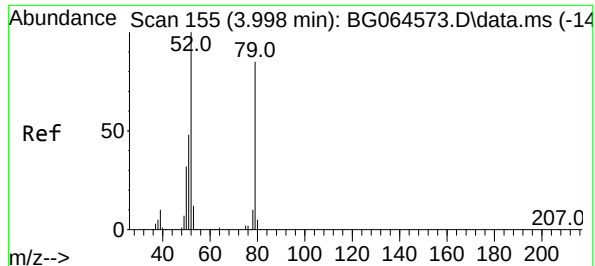
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 19.867 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 88 Resp: 24533
Ion Ratio Lower Upper
88 100
58 114.9 92.4 138.6
43 38.9 33.0 49.6





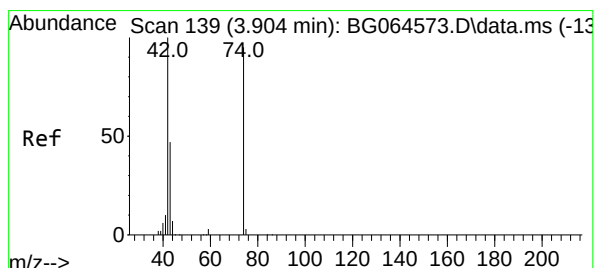
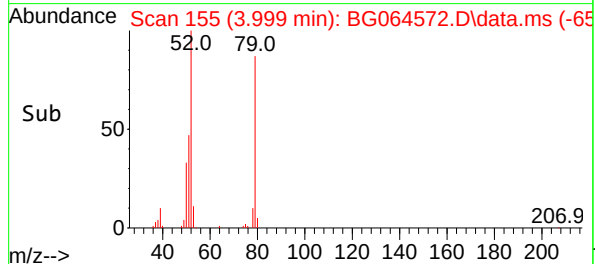
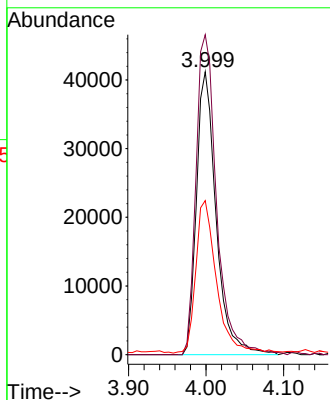
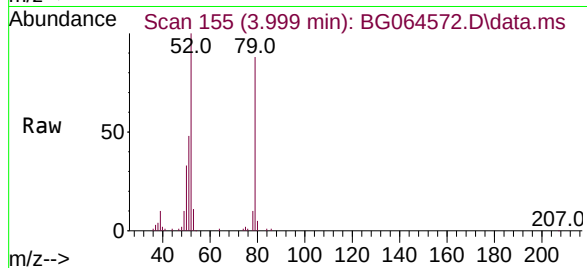
#3
Pyridine
Concen: 19.593 ng
RT: 3.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 72660
Ion Ratio Lower Upper
79 100
52 113.1 94.2 141.2
51 54.4 46.1 69.1

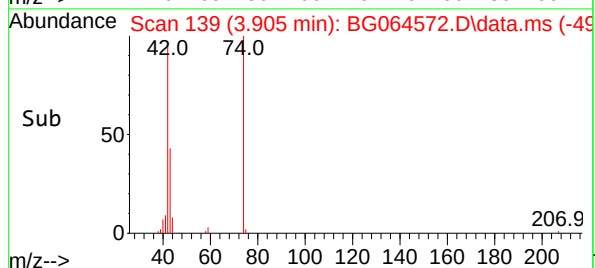
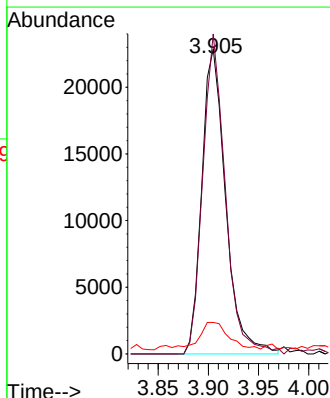
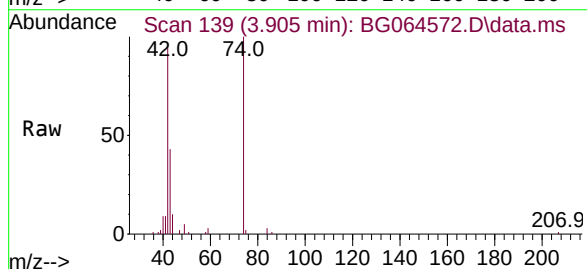
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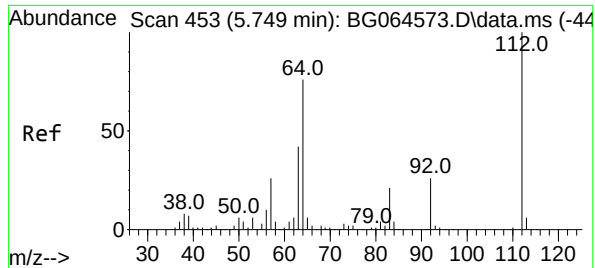
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 19.007 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 42 Resp: 37799
Ion Ratio Lower Upper
42 100
74 105.0 76.1 114.1
44 10.3 6.3 9.5#





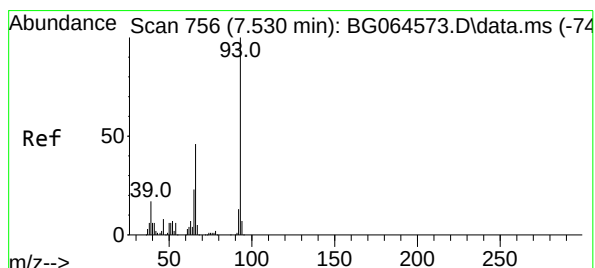
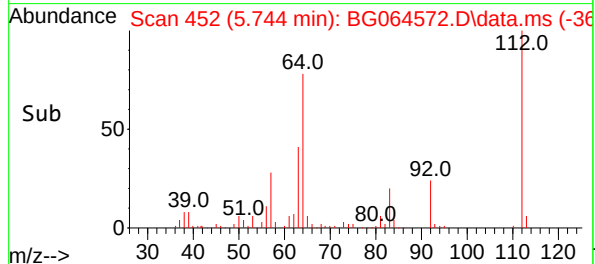
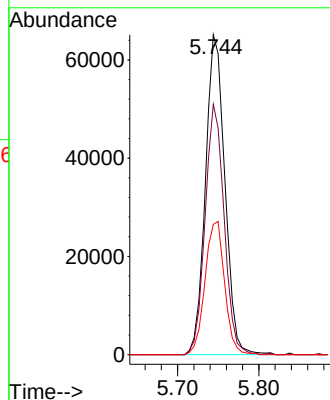
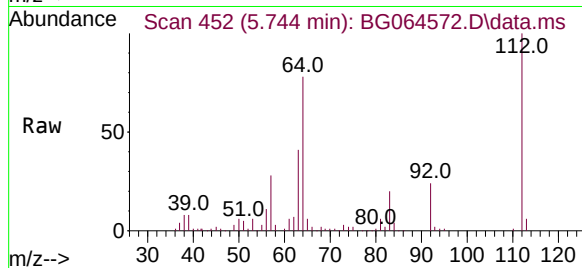
#5
2-Fluorophenol
Concen: 38.764 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 108123
Ion Ratio Lower Upper
112 100
64 78.2 60.7 91.1
63 40.7 33.4 50.0

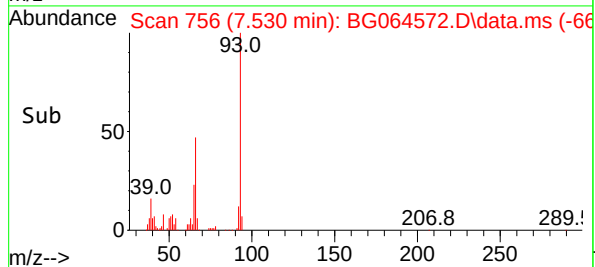
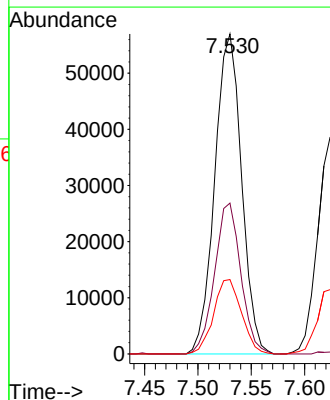
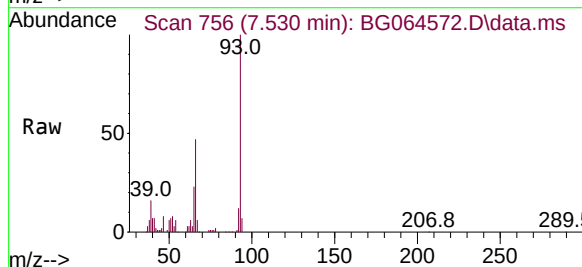
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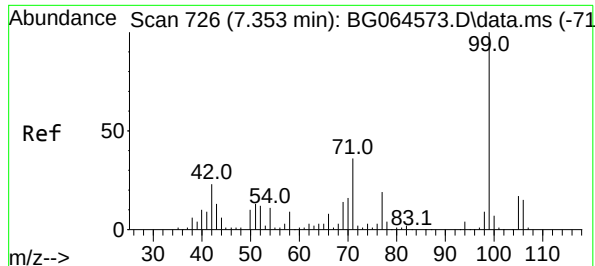
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 19.155 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 99762
Ion Ratio Lower Upper
93 100
66 47.2 37.0 55.6
65 23.2 18.3 27.5





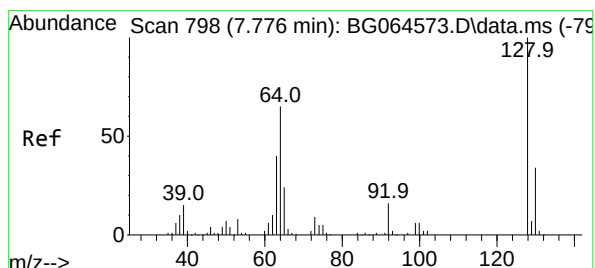
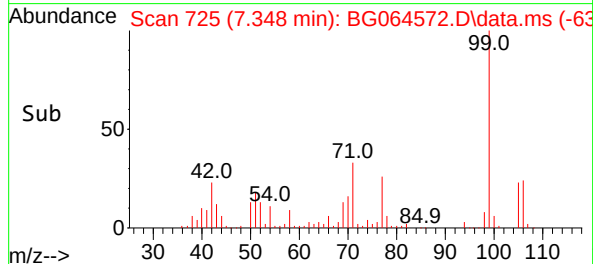
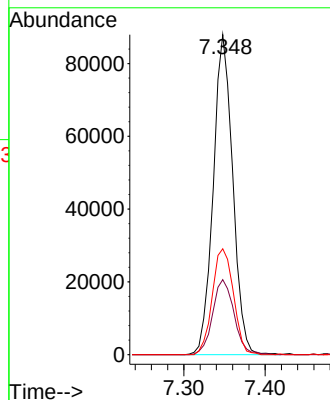
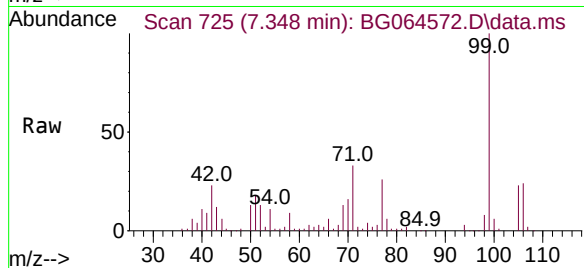
#7
Phenol-d6
Concen: 38.304 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 146608
Ion Ratio Lower Upper
99 100
42 23.4 18.3 27.5
71 33.1 28.6 43.0

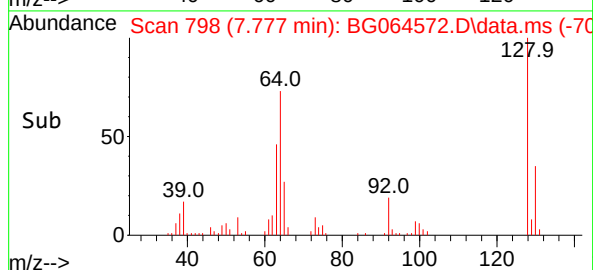
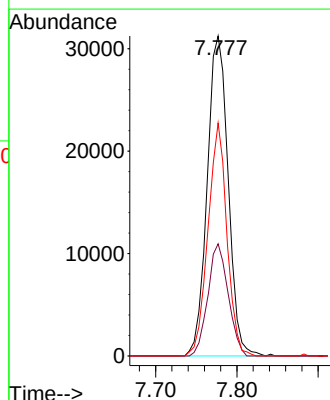
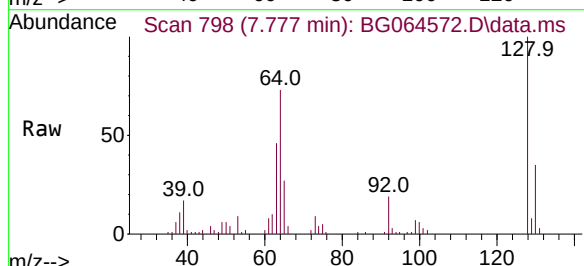
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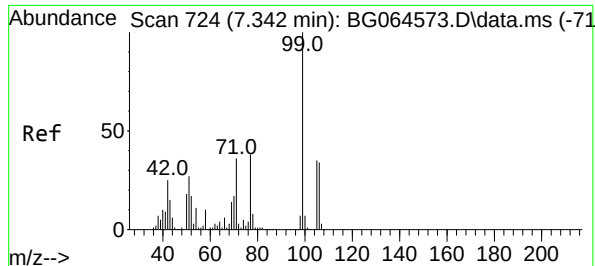
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#8
2-Chlorophenol
Concen: 19.187 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

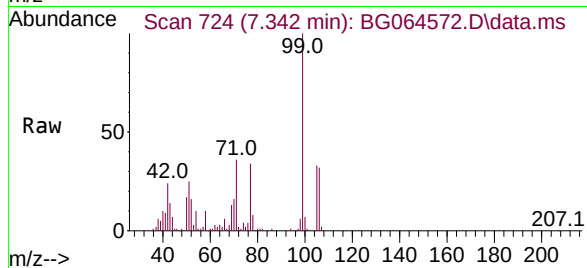
Tgt Ion:128 Resp: 56018
Ion Ratio Lower Upper
128 100
130 35.0 13.5 53.5
64 72.8 45.2 85.2





#9
Benzaldehyde
Concen: 22.273 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

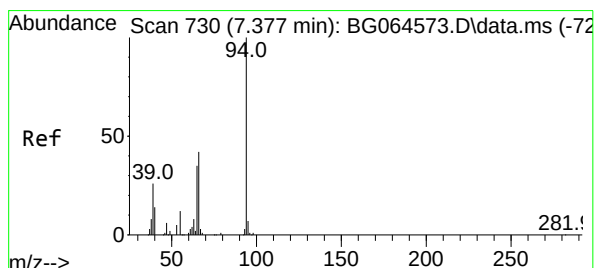
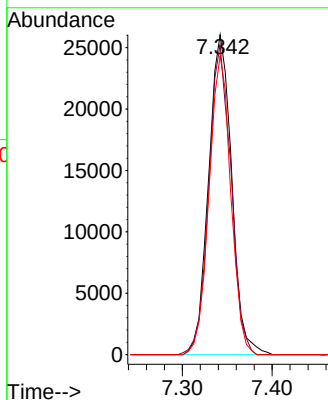
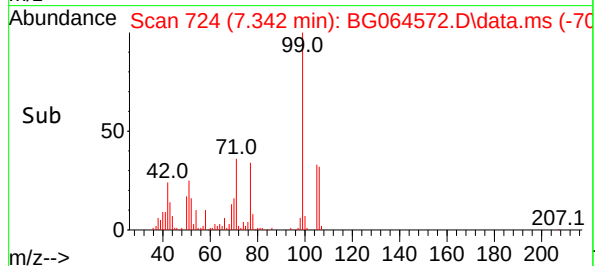
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



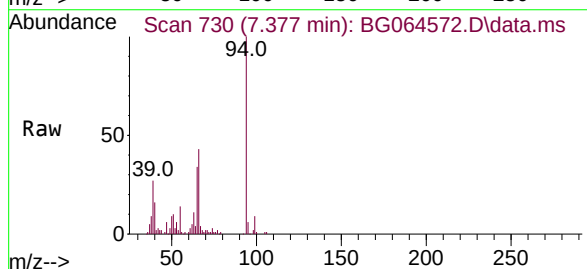
Tgt Ion: 77 Resp: 46540
Ion Ratio Lower Upper
77 100
105 96.8 72.9 112.9
106 93.4 70.8 110.8

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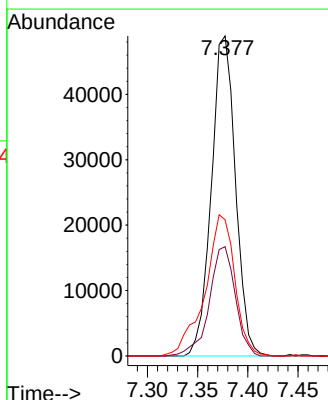
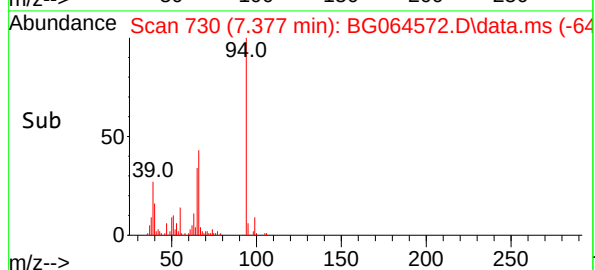
Reviewed By :Rahul Chavli 10/27/2025
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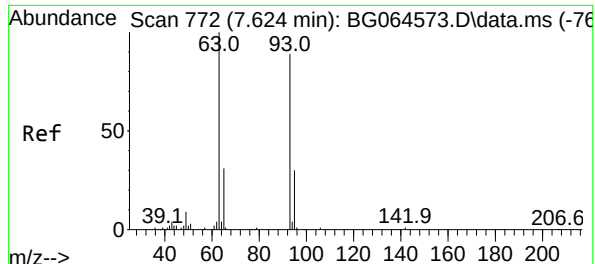


#10
Phenol
Concen: 19.337 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion: 94 Resp: 81849
Ion Ratio Lower Upper
94 100
65 34.1 15.8 55.8
66 42.5 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 19.439 ng

RT: 7.624 min Scan# 772

Delta R.T. 0.000 min

Lab File: BG064572.D

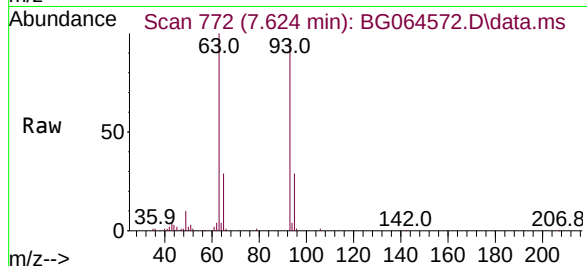
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

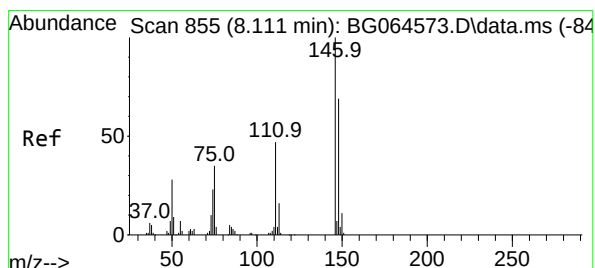
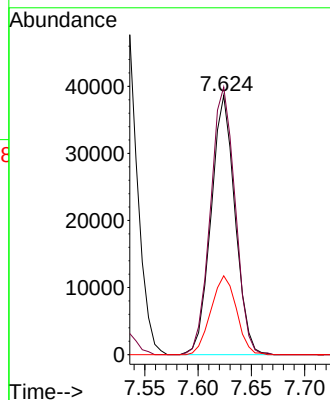
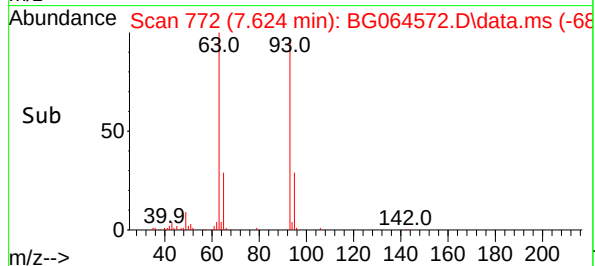
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Tgt Ion:	93	Resp:	60495
Ion	Ratio	Lower	Upper
93	100		
63	103.3	91.3	131.3
95	30.4	13.3	53.3

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Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

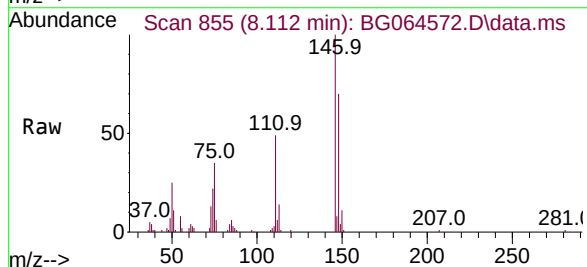
Concen: 19.415 ng

RT: 8.112 min Scan# 855

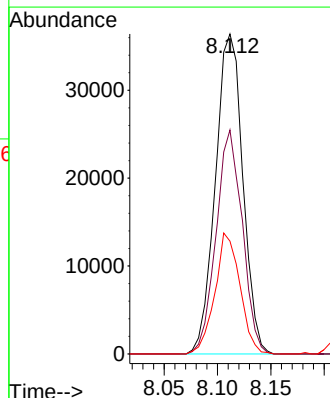
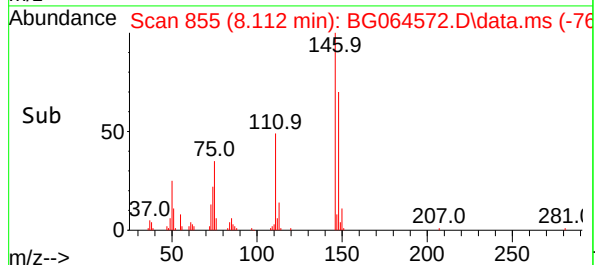
Delta R.T. 0.000 min

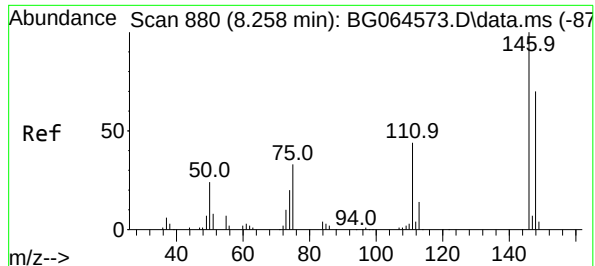
Lab File: BG064572.D

Acq: 24 Oct 2025 12:23



Tgt Ion:	146	Resp:	65241
Ion	Ratio	Lower	Upper
146	100		
148	70.0	55.3	82.9
75	35.2	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 19.757 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

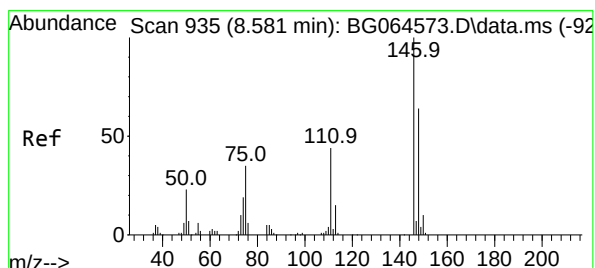
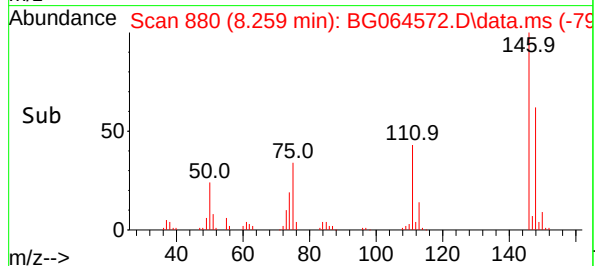
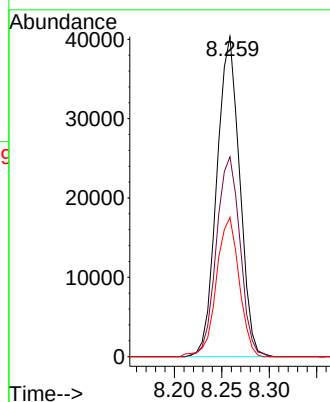
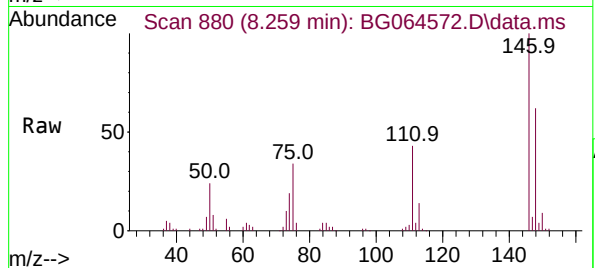
ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 67500
Ion Ratio Lower Upper
146 100
148 62.4 56.2 84.4
111 43.5 35.4 53.0

Manual Integrations
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Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 19.380 ng

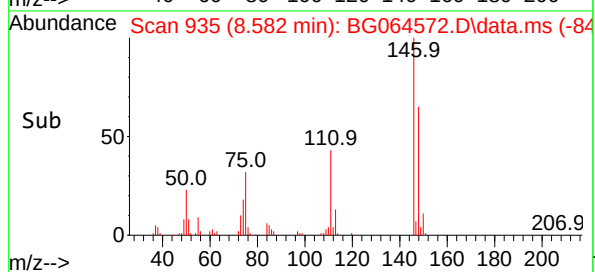
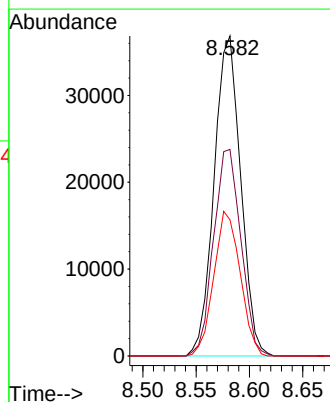
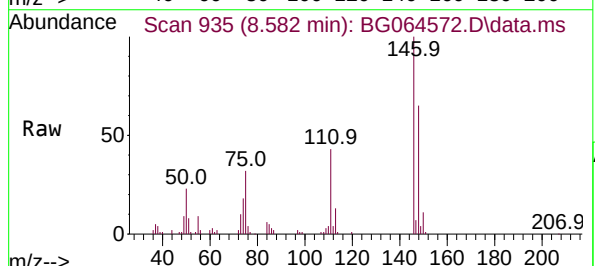
RT: 8.582 min Scan# 935

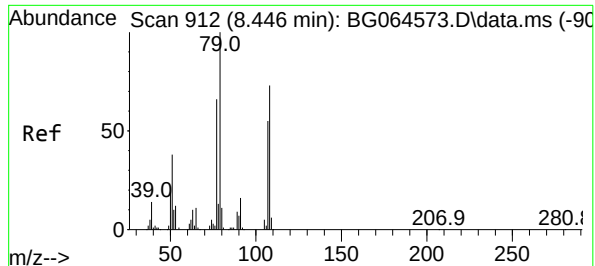
Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 63867
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 42.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 18.732 ng

RT: 8.447 min Scan# 912

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

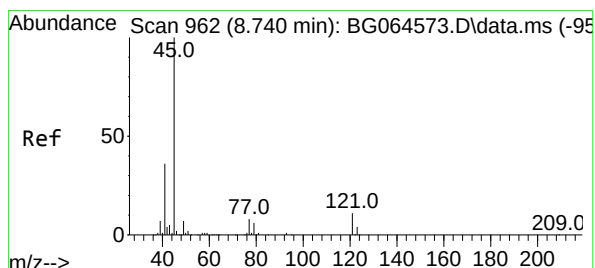
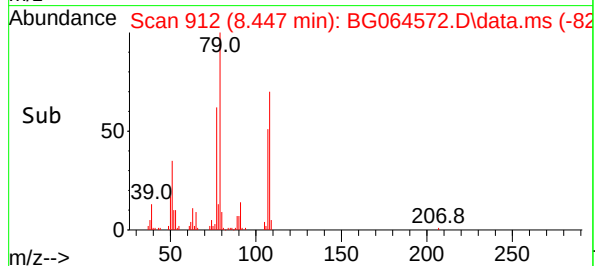
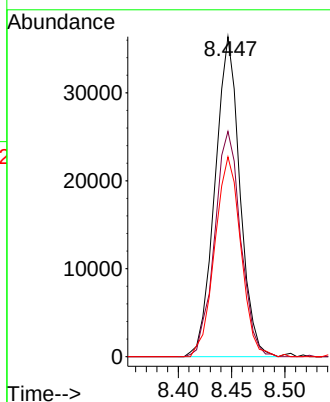
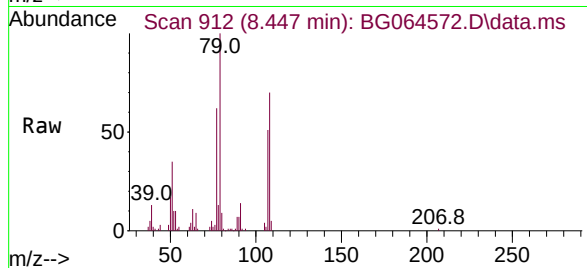
SSTDICC020

Tgt Ion:	79	Resp:	59123
Ion	Ratio	Lower	Upper
79	100		
108	70.4	58.1	87.1
77	62.4	52.8	79.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.476 ng

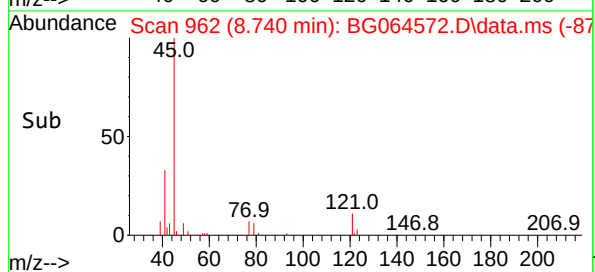
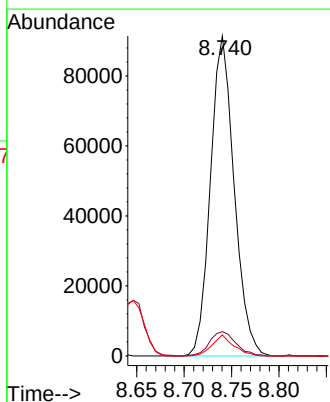
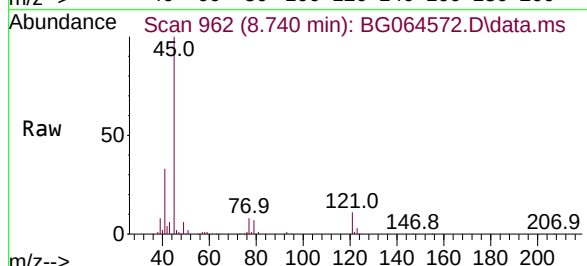
RT: 8.740 min Scan# 962

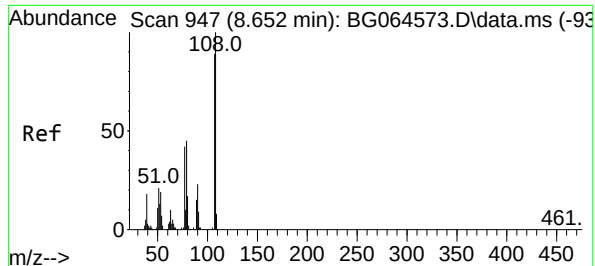
Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:	45	Resp:	158985
Ion	Ratio	Lower	Upper
45	100		
77	7.6	0.0	28.5
79	6.6	0.0	25.6





#17

2-Methylphenol

Concen: 19.632 ng

RT: 8.646 min Scan# 947

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 55174

Ion Ratio Lower Upper

107 100

108 108.3 90.0 135.0

77 47.9 37.8 56.8

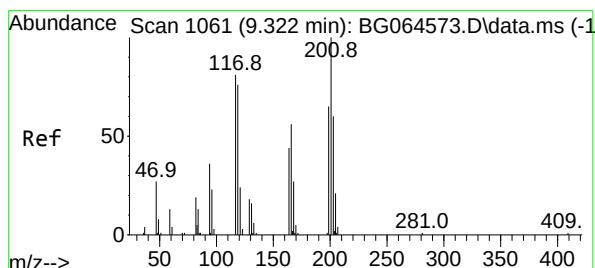
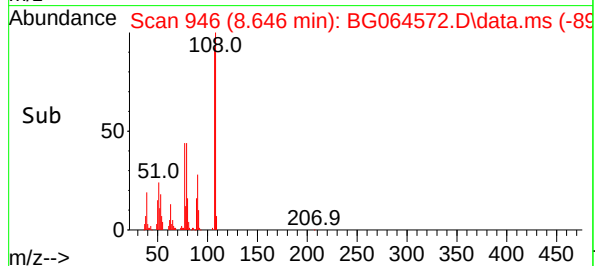
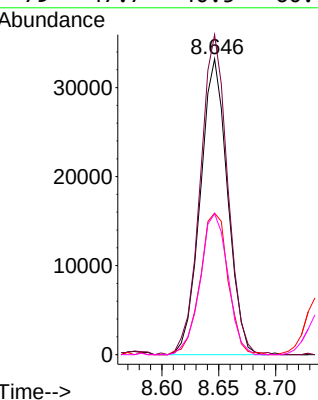
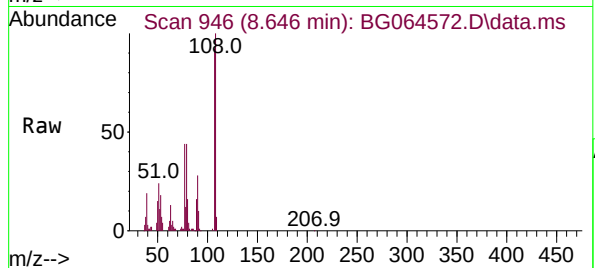
79 47.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 19.735 ng

RT: 9.322 min Scan# 1061

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

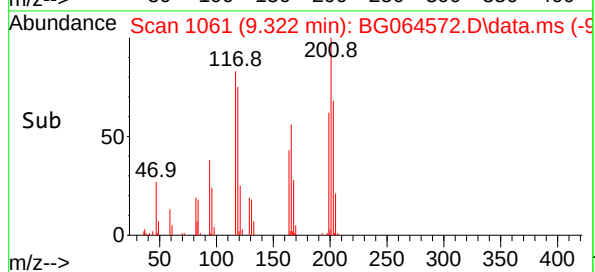
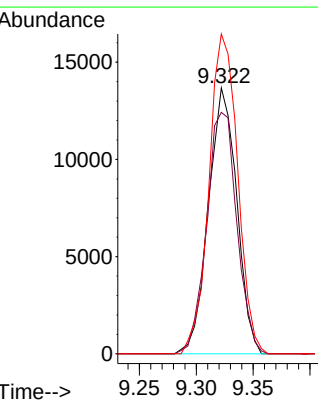
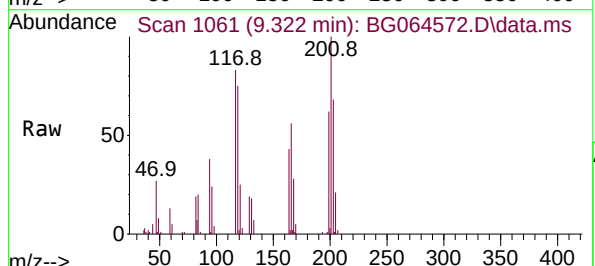
Tgt Ion:117 Resp: 23663

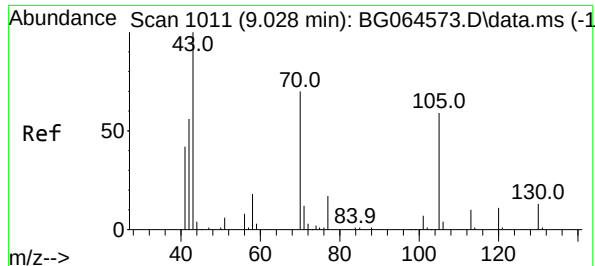
Ion Ratio Lower Upper

117 100

119 90.8 75.4 113.2

201 120.3 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 19.982 ng

RT: 9.022 min Scan# 1011

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 5285

Ion Ratio Lower Upper

70 100

42 75.6 65.2 97.8

101 7.6 7.9 11.9

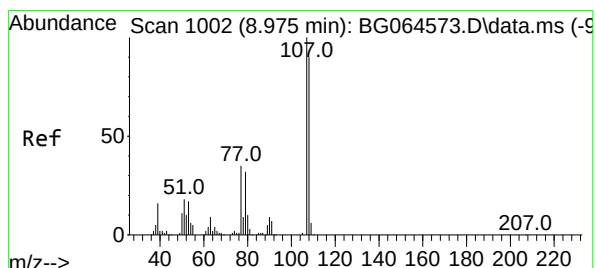
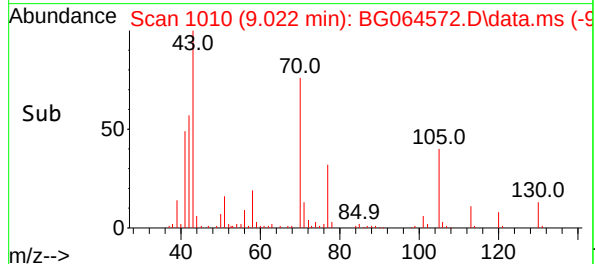
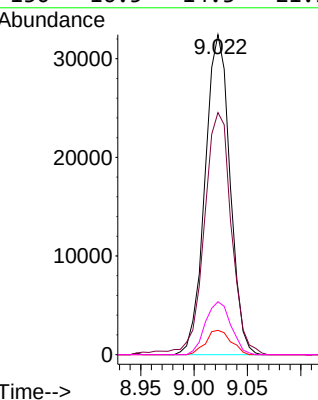
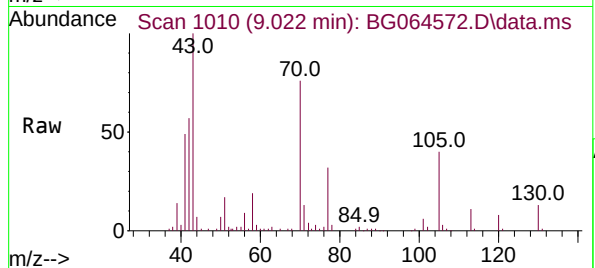
130 16.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 18.730 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 74026

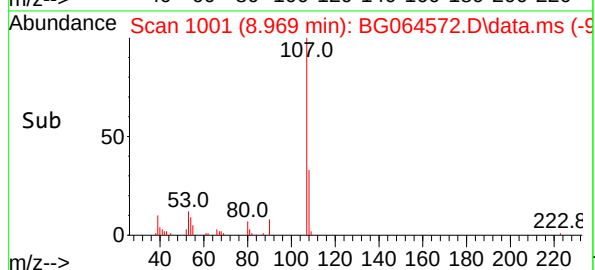
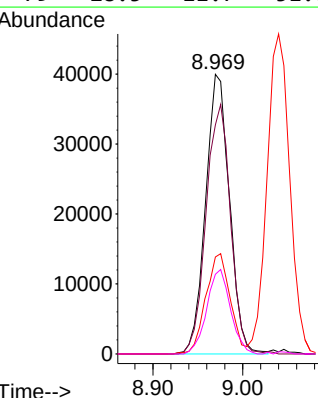
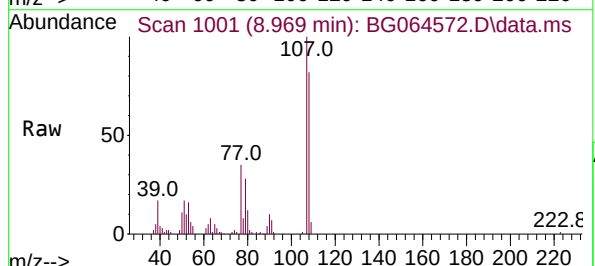
Ion Ratio Lower Upper

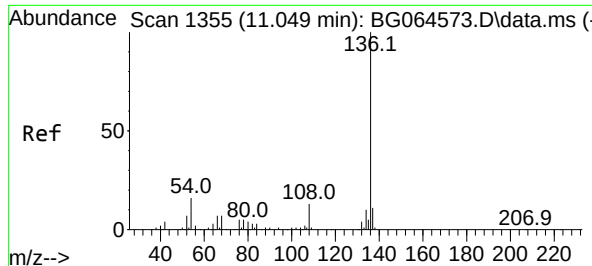
107 100

108 81.9 70.3 110.3

77 34.6 14.6 54.6

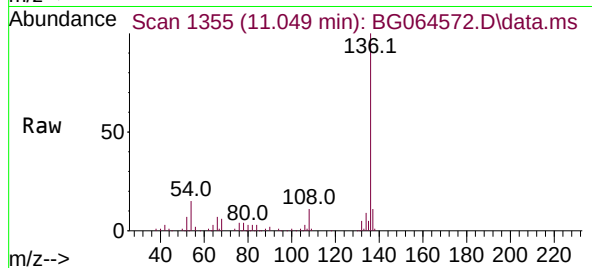
79 28.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

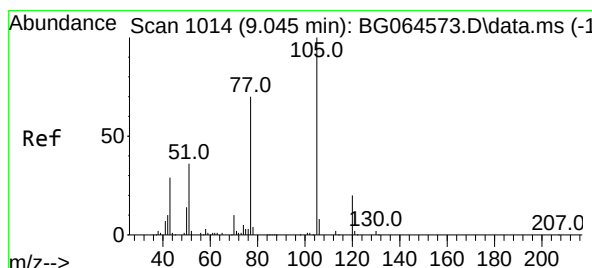
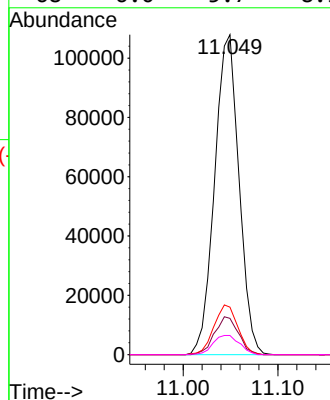
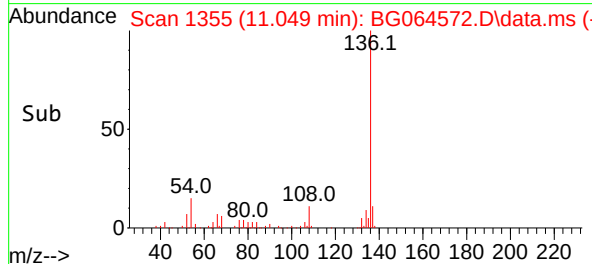
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



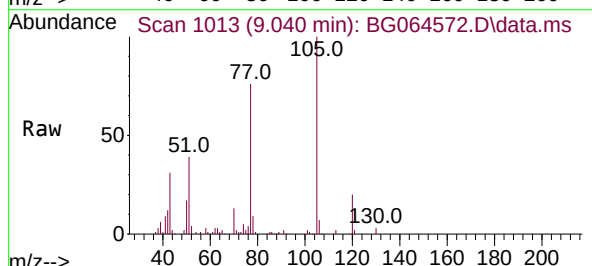
Tgt Ion:136 Resp: 19255
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 14.8 12.6 19.0
68 6.0 5.7 8.5

Manual Integrations
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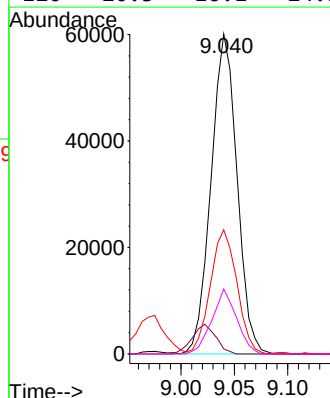
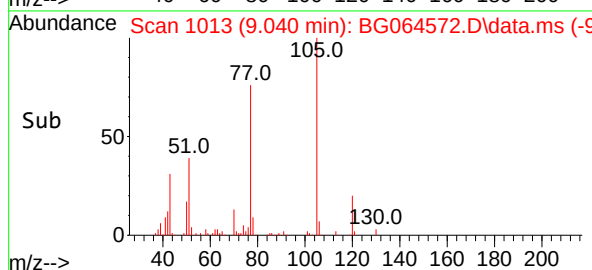
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

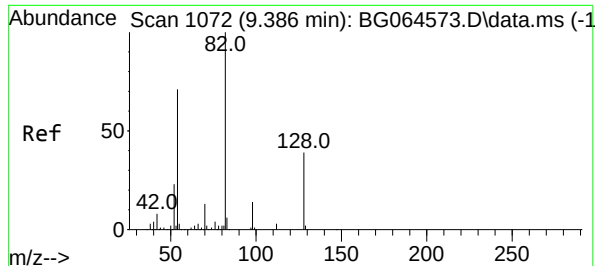


#22
Acetophenone
Concen: 19.328 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:105 Resp: 101737
Ion Ratio Lower Upper
105 100
71 1.6 1.5 2.3
51 38.8 33.7 50.5
120 20.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 37.777 ng

RT: 9.381 min Scan# 1071

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

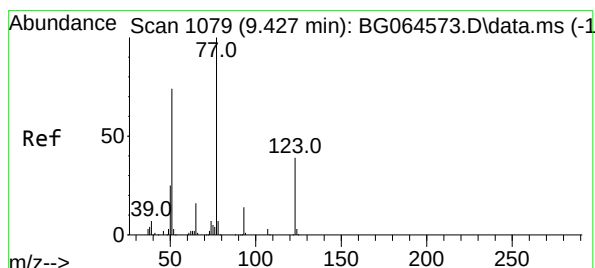
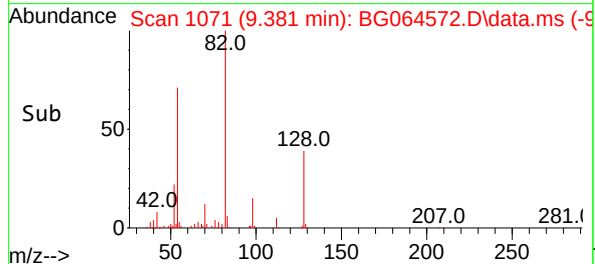
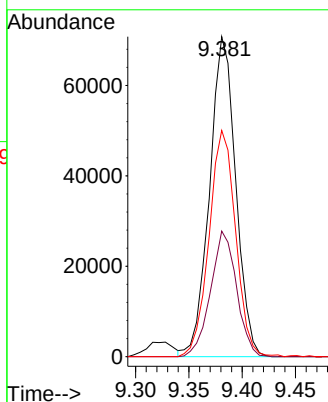
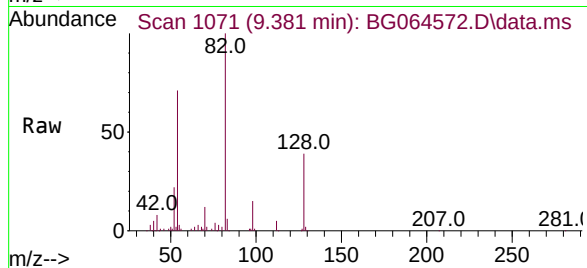
SSTDICC020

Tgt Ion: 82	Resp: 12110
Ion Ratio	Lower Upper
82	100
128	39.2 31.3 46.9
54	70.7 56.6 84.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 19.012 ng

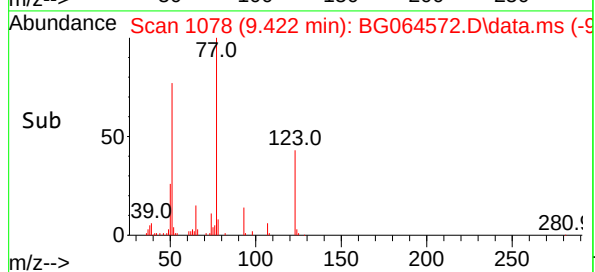
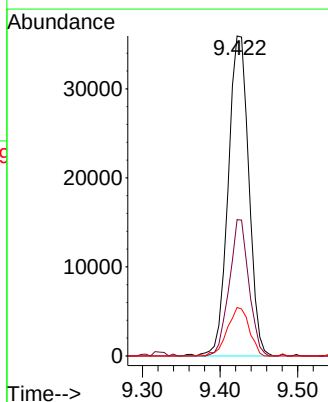
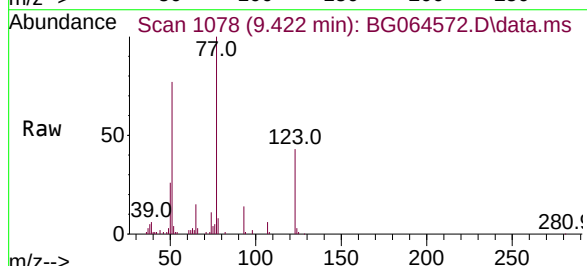
RT: 9.422 min Scan# 1078

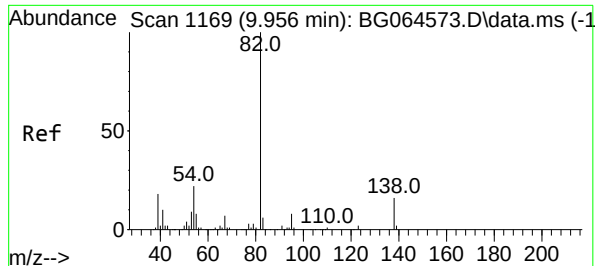
Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion: 77	Resp: 66292
Ion Ratio	Lower Upper
77	100
123	42.6 31.0 46.6
65	15.1 12.7 19.1





#25

Isophorone

Concen: 19.290 ng

RT: 9.951 min Scan# 1168

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 148388

Ion Ratio Lower Upper

82 100

95 7.0 6.1 9.1

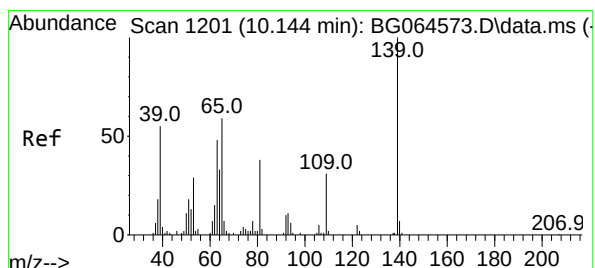
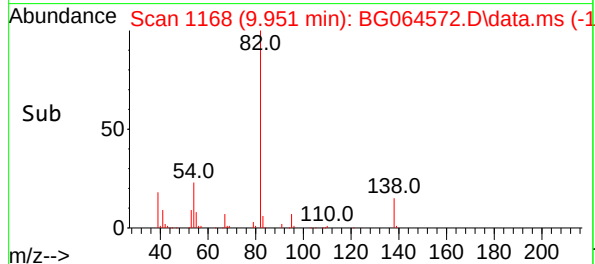
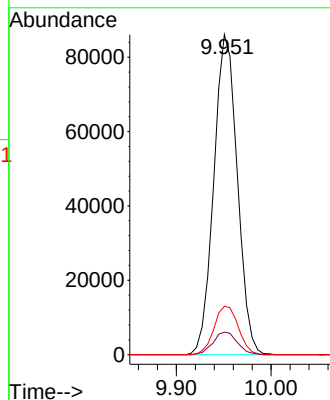
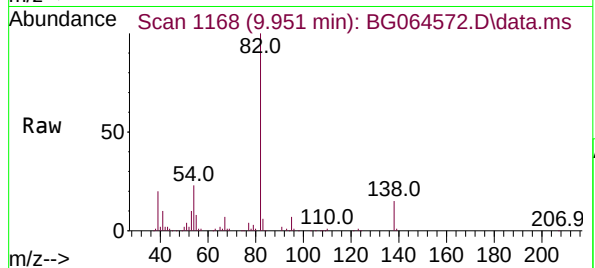
138 15.1 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 17.837 ng

RT: 10.145 min Scan# 1201

Delta R.T. 0.001 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

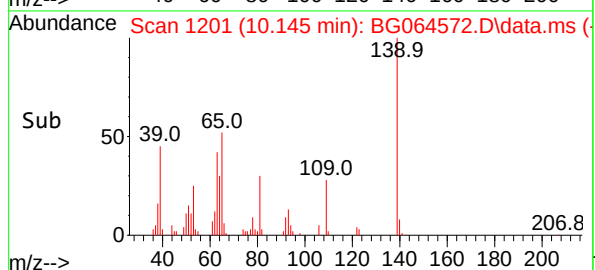
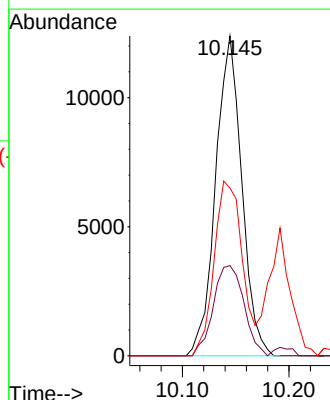
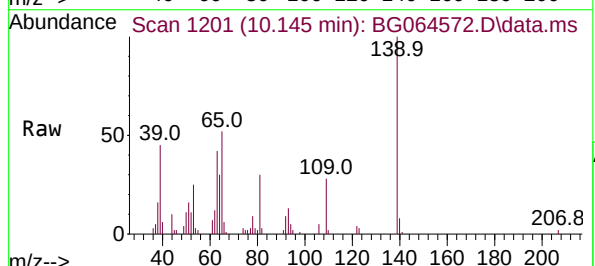
Tgt Ion:139 Resp: 21166

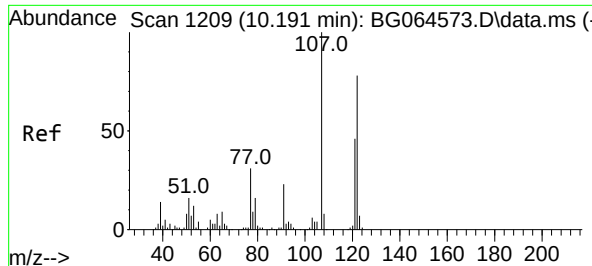
Ion Ratio Lower Upper

139 100

109 28.2 24.6 37.0

65 52.4 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 19.211 ng

RT: 10.192 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 54972

Ion Ratio Lower Upper

122 100

107 115.2 103.0 154.4

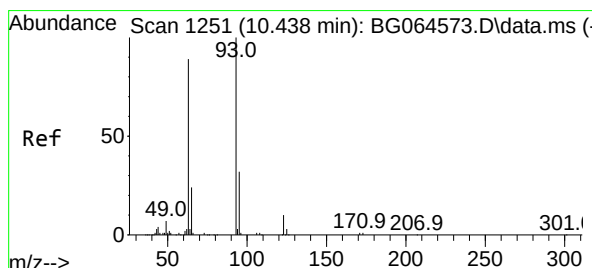
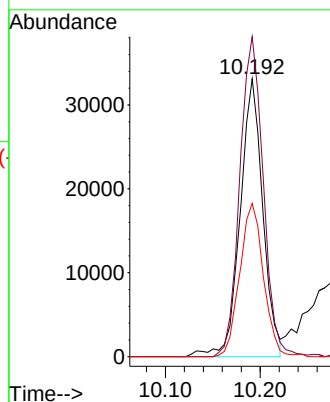
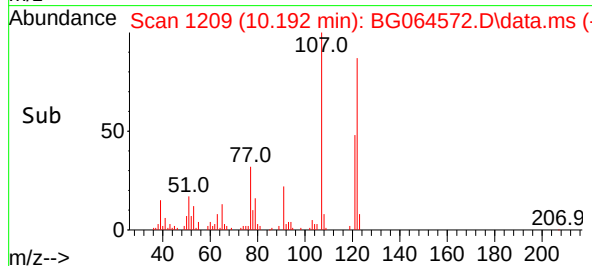
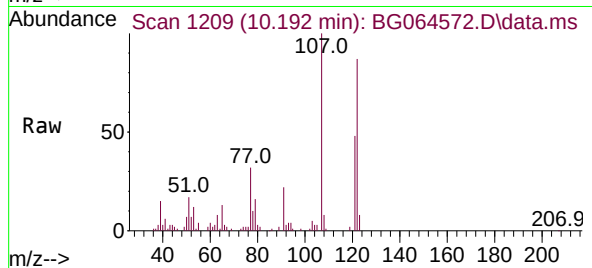
121 55.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 19.458 ng

RT: 10.432 min Scan# 1250

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

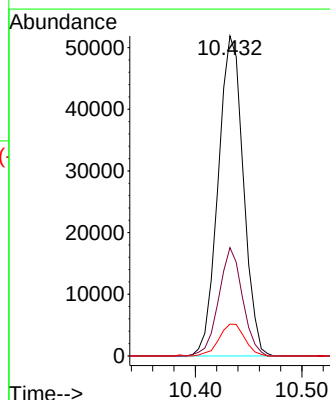
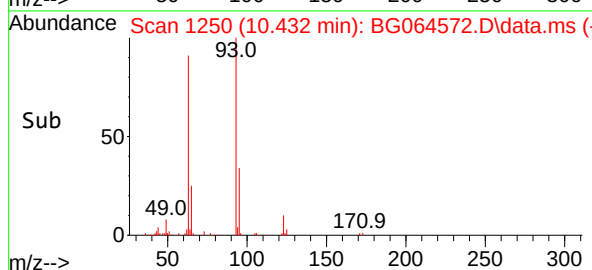
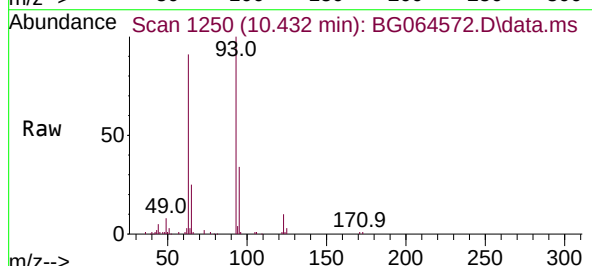
Tgt Ion: 93 Resp: 85225

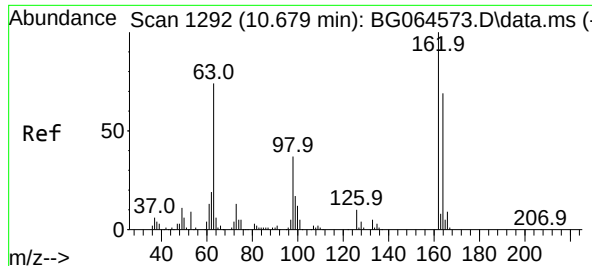
Ion Ratio Lower Upper

93 100

95 33.8 25.4 38.2

123 9.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 19.710 ng

RT: 10.679 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 60695

Ion Ratio Lower Upper

162 100

164 66.4 48.7 88.7

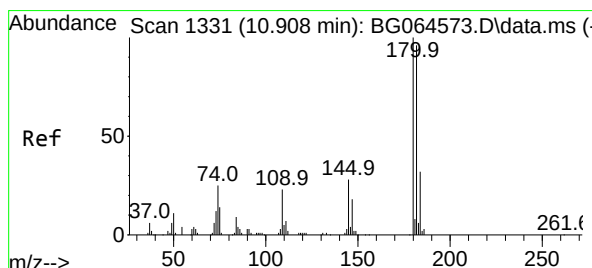
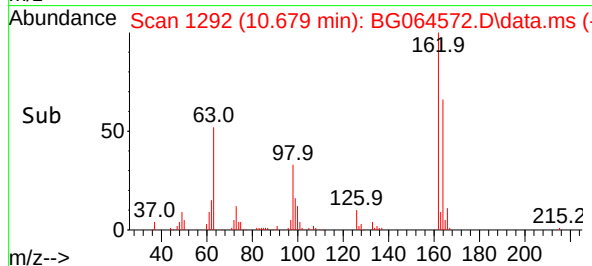
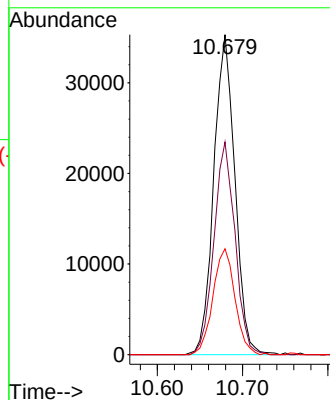
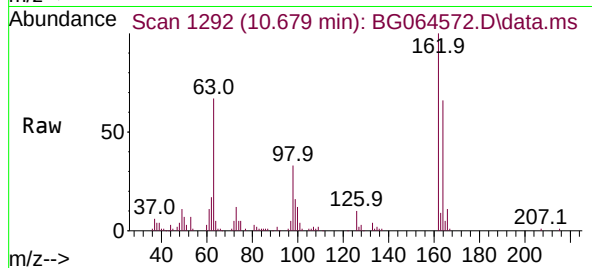
98 33.1 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.171 ng

RT: 10.908 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

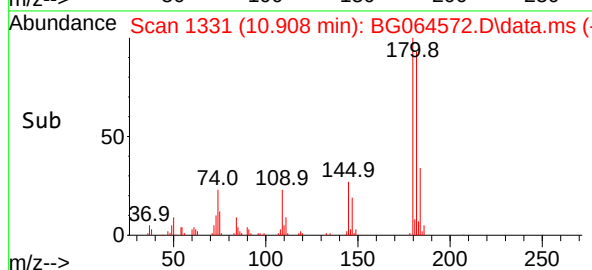
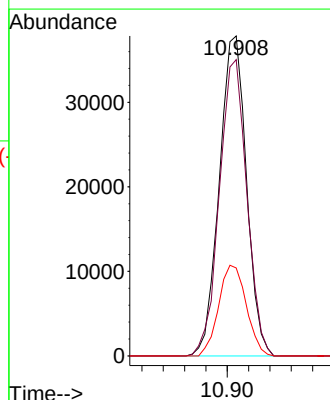
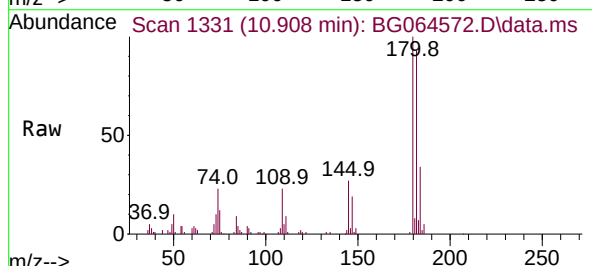
Tgt Ion:180 Resp: 67078

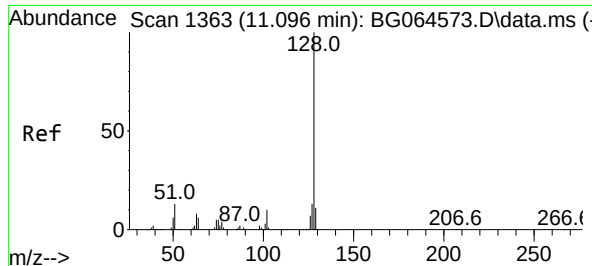
Ion Ratio Lower Upper

180 100

182 92.6 76.9 115.3

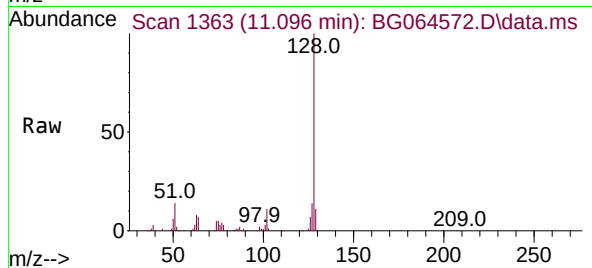
145 27.5 22.1 33.1





#31
Naphthalene
Concen: 19.552 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

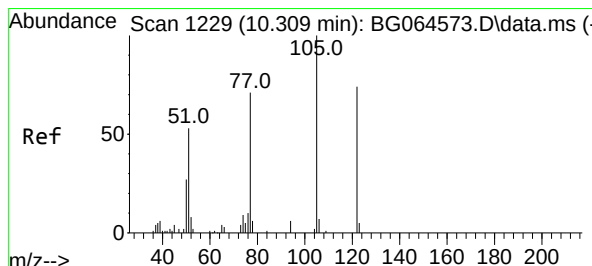
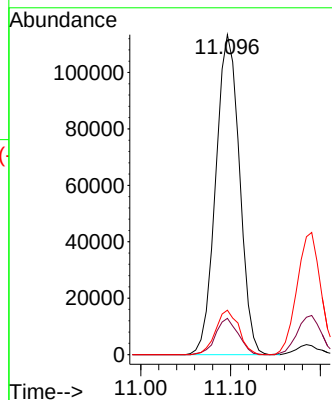
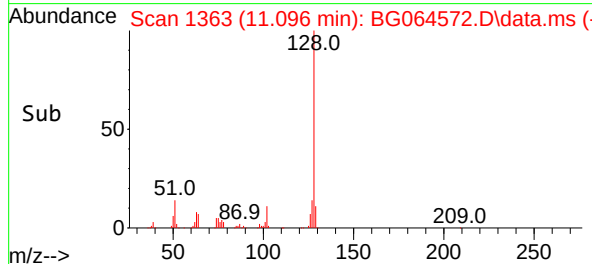
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 208734
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 10.6 15.8

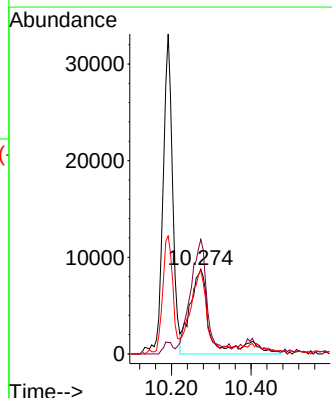
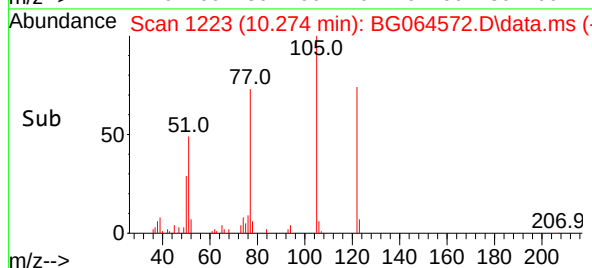
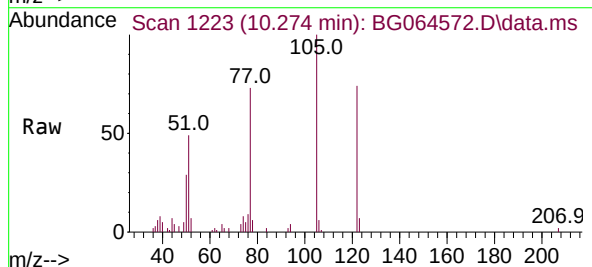
Manual Integrations
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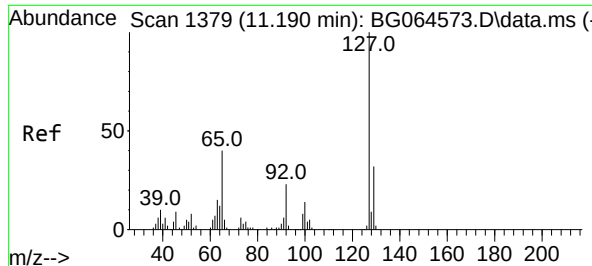
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 18.155 ng m
RT: 10.274 min Scan# 1223
Delta R.T. -0.035 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:122 Resp: 31567
Ion Ratio Lower Upper
122 100
105 135.4 104.2 144.2
77 99.0 70.2 110.2





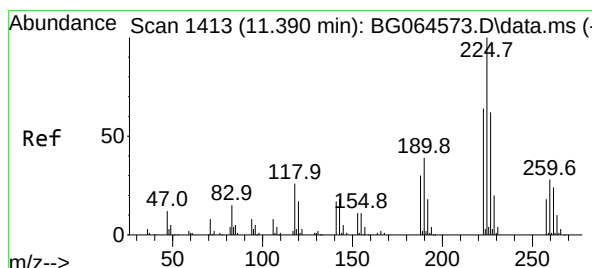
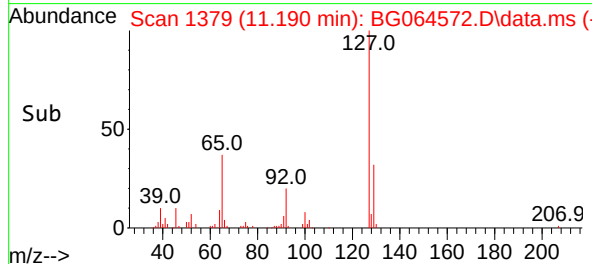
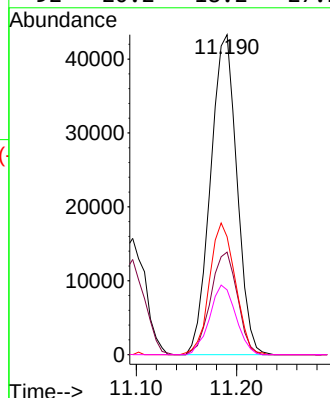
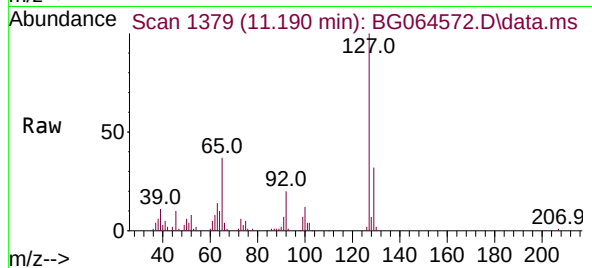
#33
4-Chloroaniline
Concen: 19.055 ng
RT: 11.190 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	36.8	32.2	48.4
92	20.2	18.2	27.2

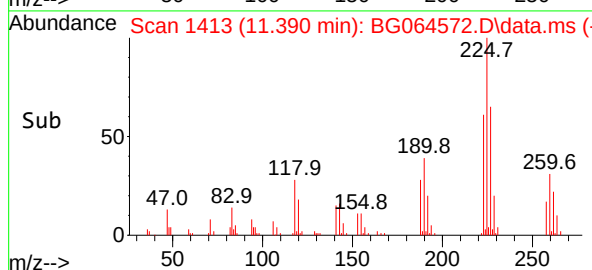
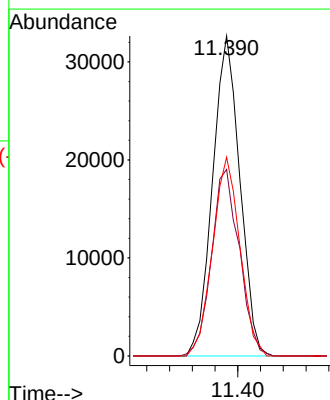
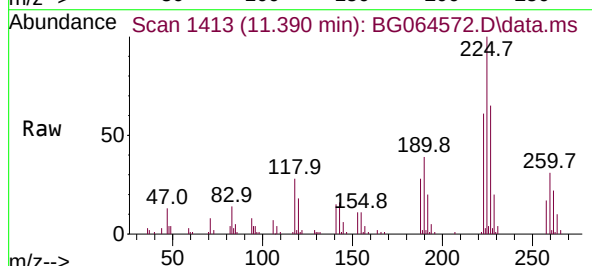
Manual Integrations
APPROVED

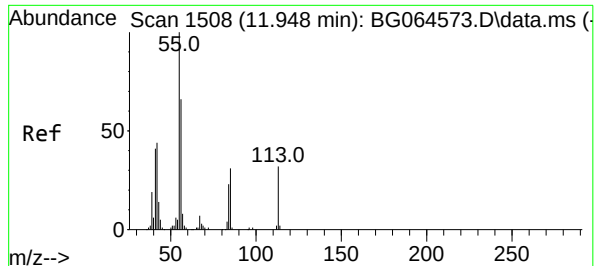
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 19.820 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

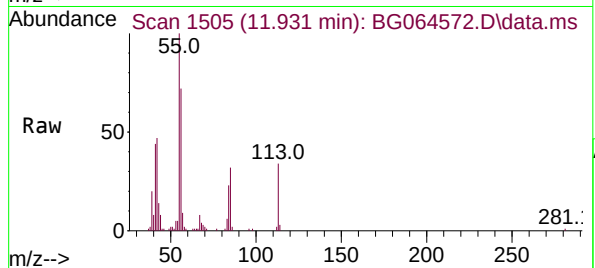
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.8	73.2
227	62.1	49.5	74.3





#35
Caprolactam
Concen: 18.635 ng
RT: 11.931 min Scan# 1505
Delta R.T. -0.017 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

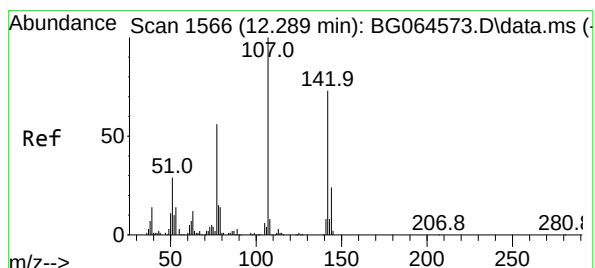
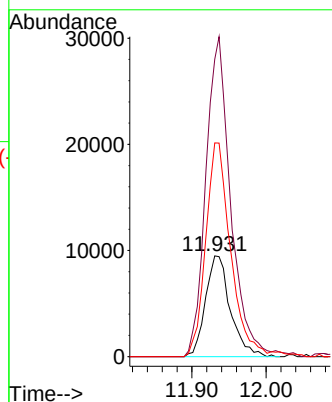
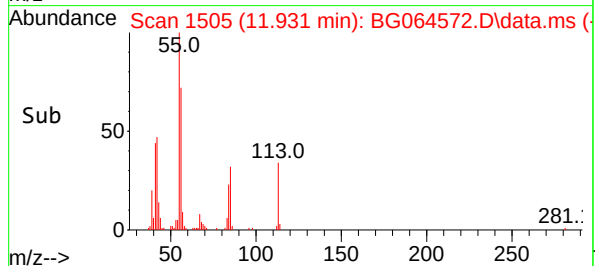
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 22010
Ion Ratio Lower Upper
113 100
55 295.5 290.1 330.1
56 212.3 183.8 223.8

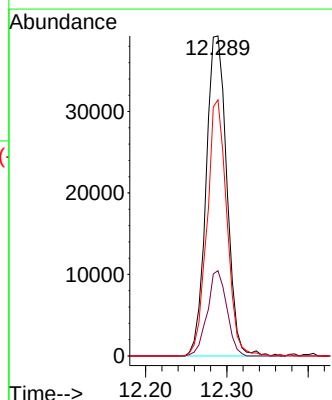
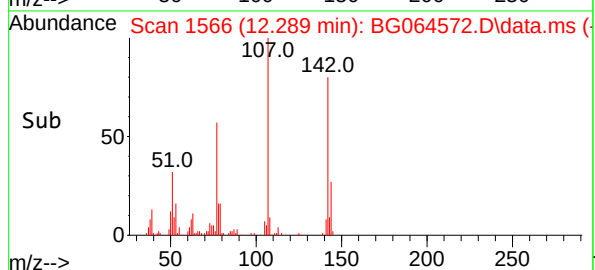
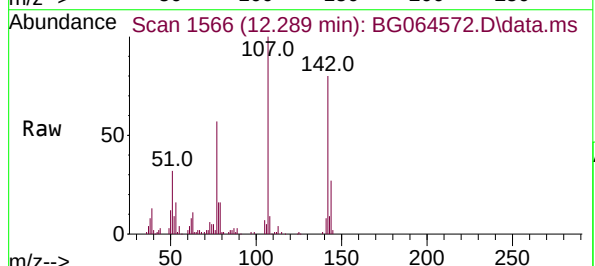
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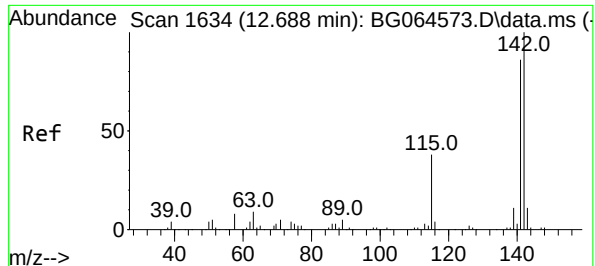
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 18.798 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 69582
Ion Ratio Lower Upper
107 100
144 26.6 19.1 28.7
142 80.0 58.6 87.8





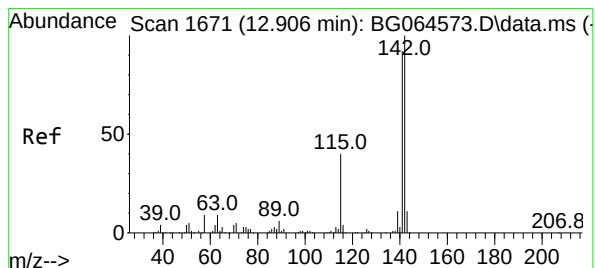
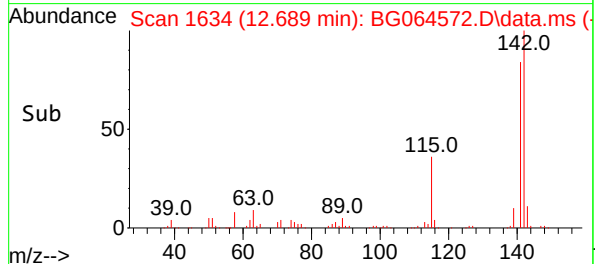
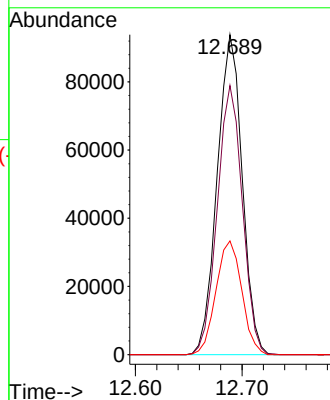
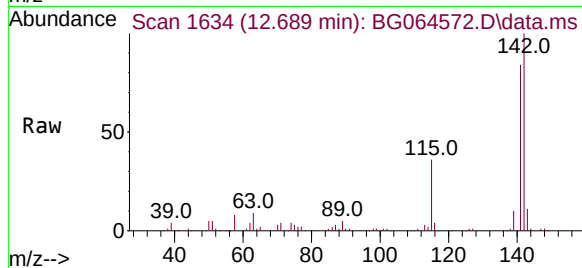
#37
2-Methylnaphthalene
Concen: 19.577 ng
RT: 12.689 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 153445
Ion Ratio Lower Upper
142 100
141 84.1 68.9 103.3
115 35.5 30.6 46.0

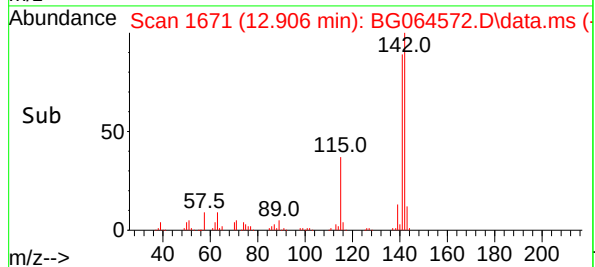
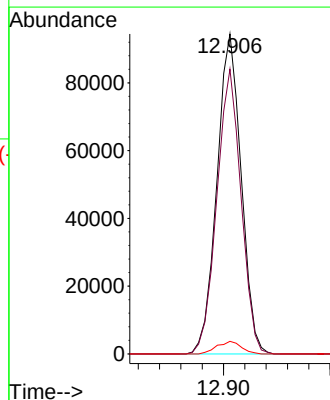
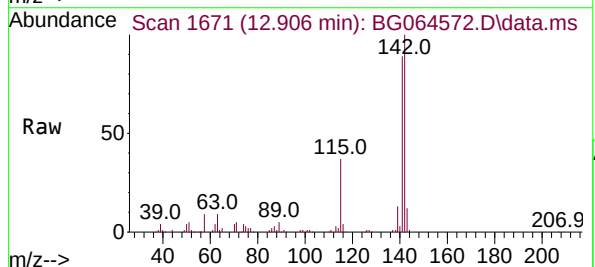
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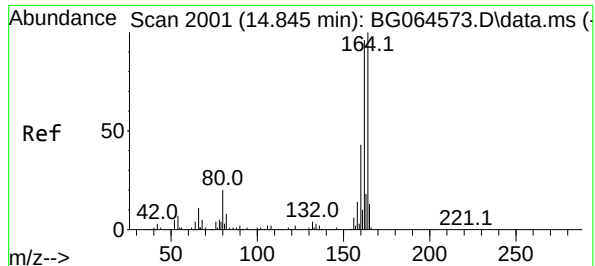
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 19.266 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:142 Resp: 149456
Ion Ratio Lower Upper
142 100
141 89.0 73.3 109.9
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.845 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 147520

Ion Ratio Lower Upper

164 100

162 99.6 77.0 115.6

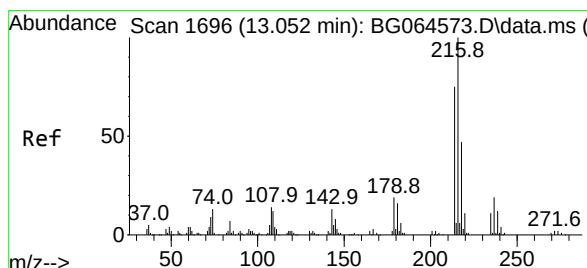
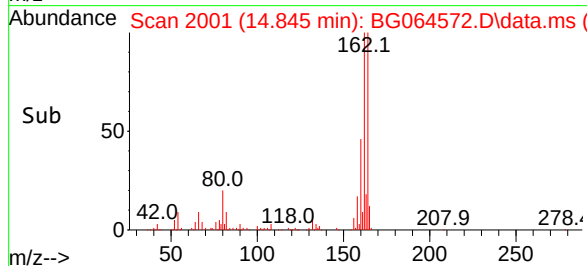
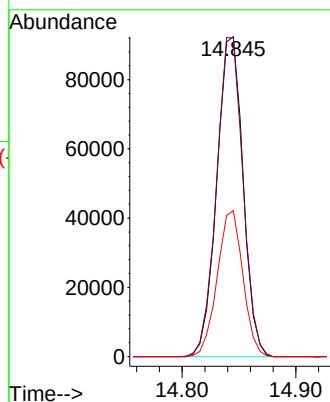
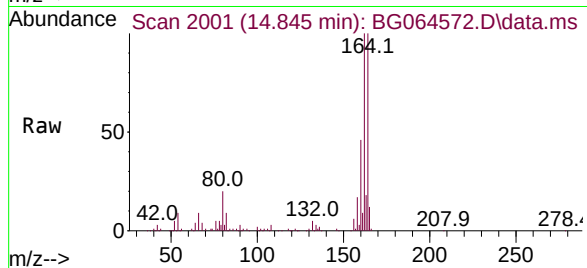
160 45.6 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.320 ng

RT: 13.053 min Scan# 1696

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:216 Resp: 95653

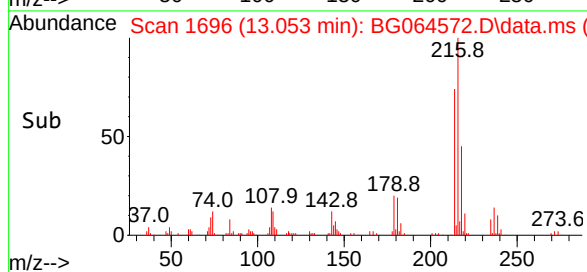
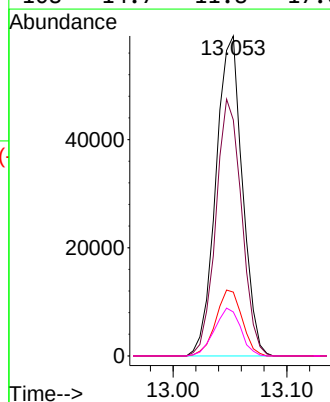
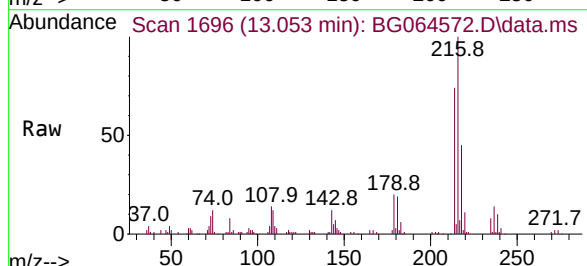
Ion Ratio Lower Upper

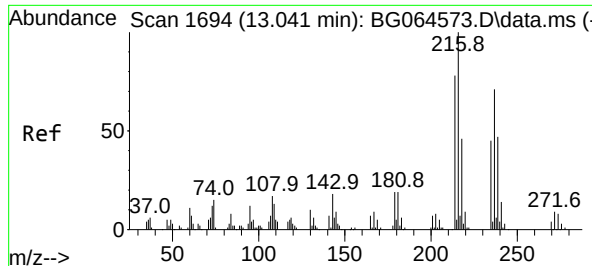
216 100

214 78.1 61.4 92.2

179 20.4 15.4 23.0

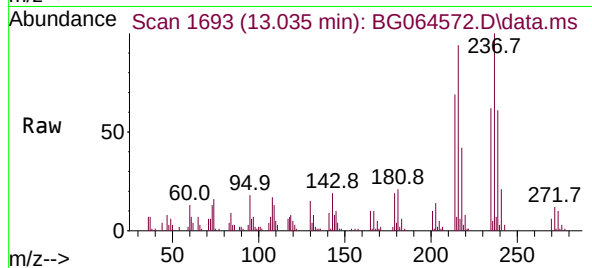
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 18.479 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

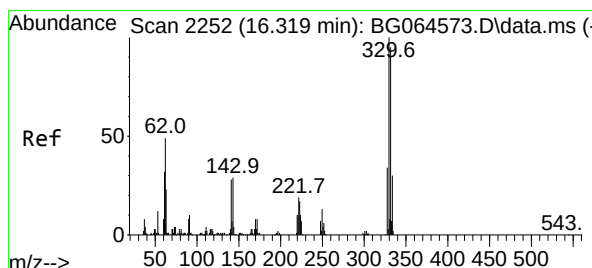
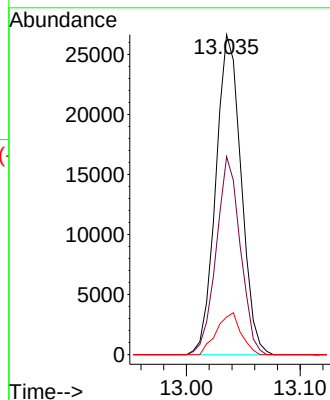
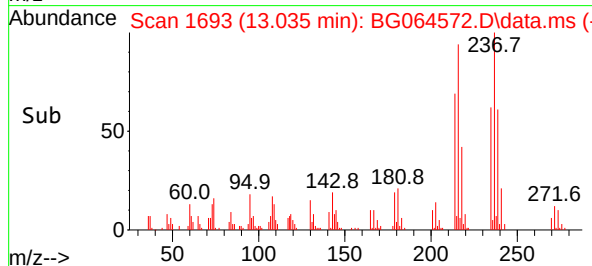
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



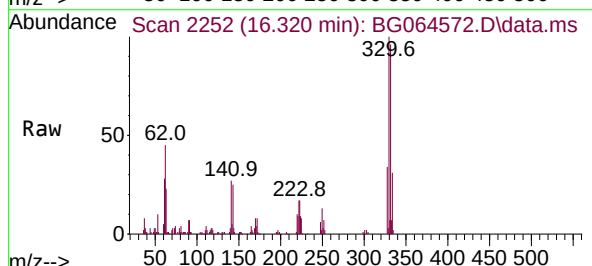
Tgt Ion:237 Resp: 41178
Ion Ratio Lower Upper
237 100
235 61.9 44.1 84.1
272 11.7 0.0 32.4

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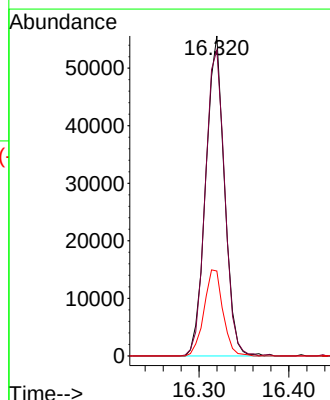
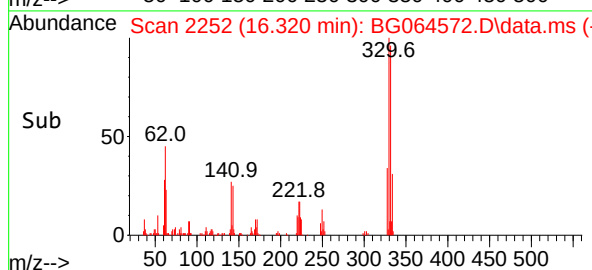
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

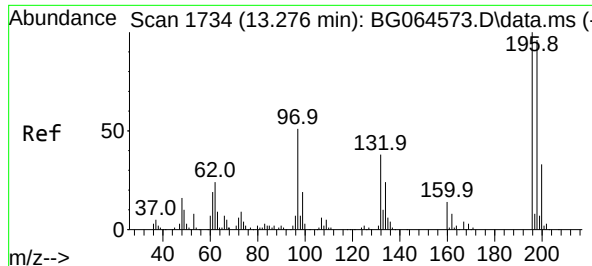


#42
2,4,6-Tribromophenol
Concen: 37.682 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:330 Resp: 80231
Ion Ratio Lower Upper
330 100
332 99.2 78.0 117.0
141 27.2 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 19.525 ng

RT: 13.276 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

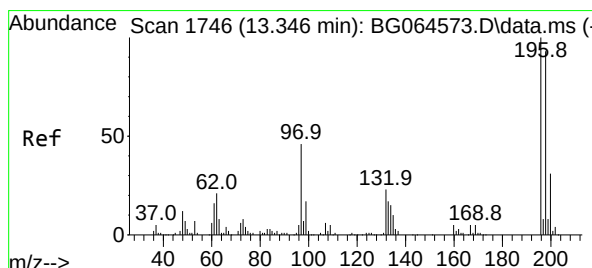
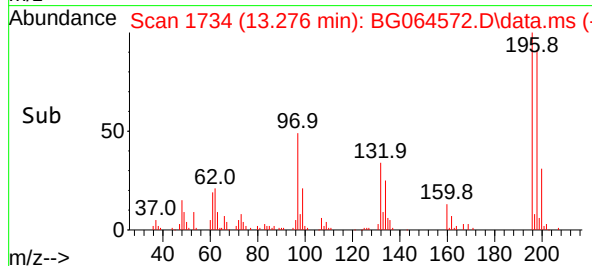
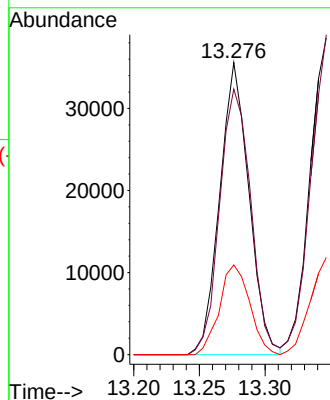
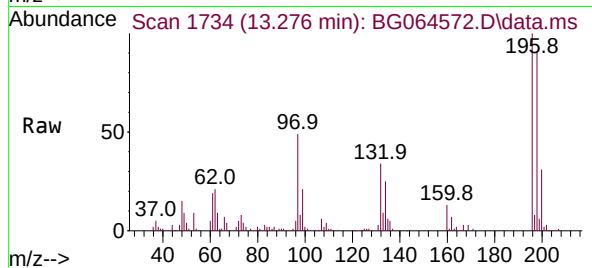
Tgt Ion:	196	Resp:	55295
Ion Ratio	Lower	Upper	
196	100		
198	90.9	76.6	115.0
200	30.7	26.0	39.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#44

2,4,5-Trichlorophenol

Concen: 19.814 ng

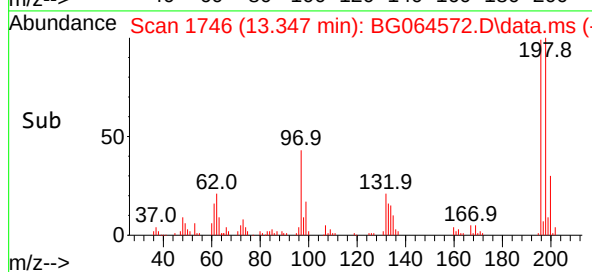
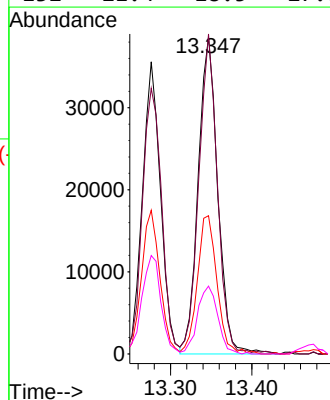
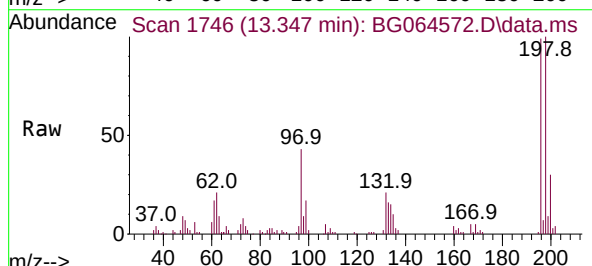
RT: 13.347 min Scan# 1746

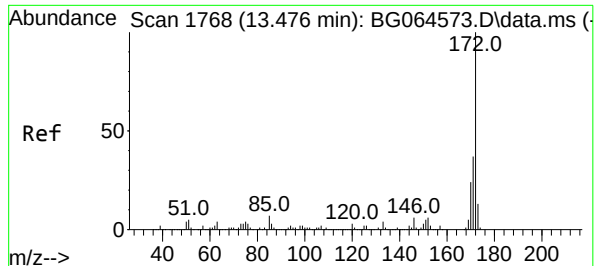
Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

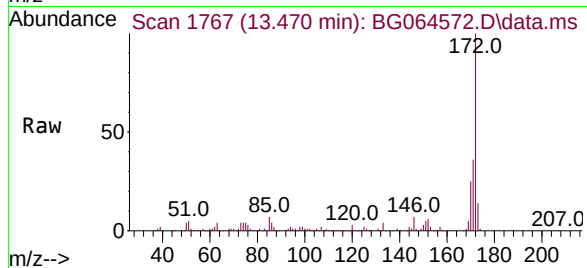
Tgt Ion:	196	Resp:	64753
Ion Ratio	Lower	Upper	
196	100		
198	101.1	74.2	111.4
97	43.6	37.0	55.6
132	21.4	18.5	27.7





#45
2-Fluorobiphenyl
Concen: 39.584 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

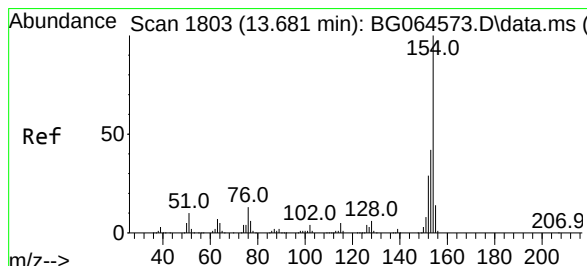
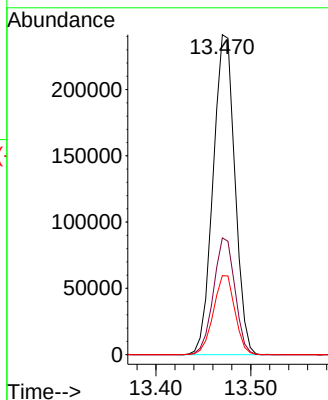
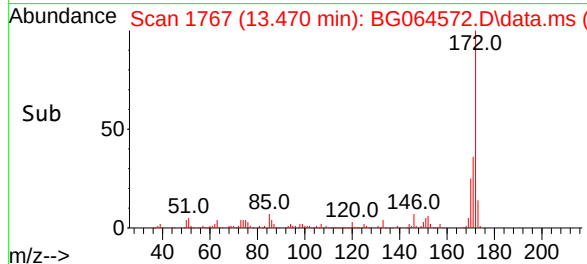
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



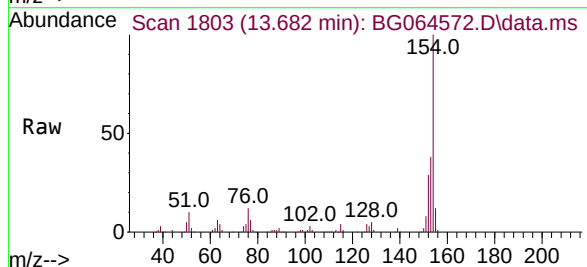
Tgt Ion:172 Resp: 38525
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.7 19.1 28.7

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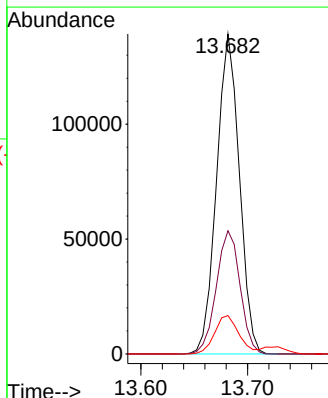
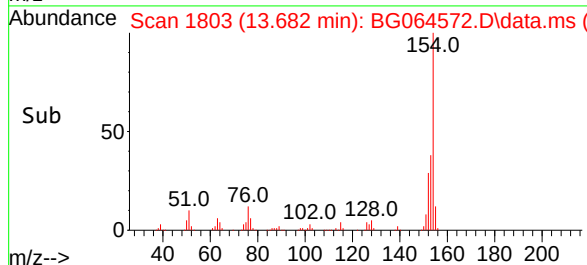
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

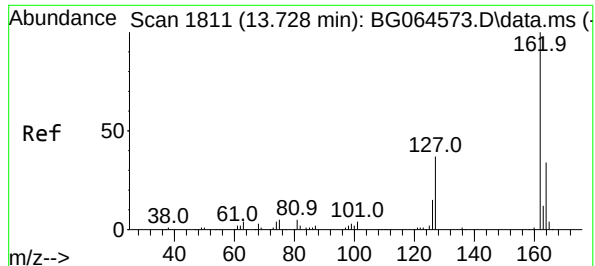


#46
1,1'-Biphenyl
Concen: 19.705 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:154 Resp: 206656
Ion Ratio Lower Upper
154 100
153 38.5 22.4 62.4
76 12.0 0.0 33.5





#47

2-Chloronaphthalene

Concen: 19.625 ng

RT: 13.729 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BG064572.D

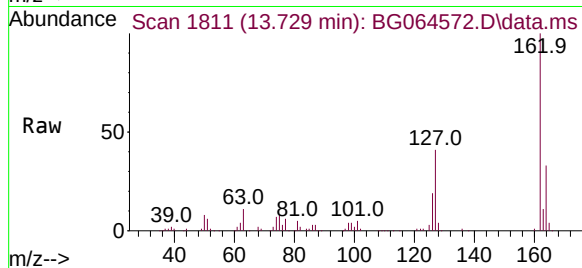
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

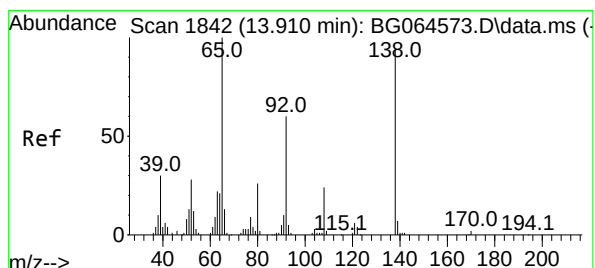
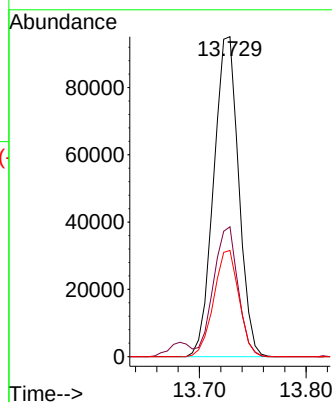
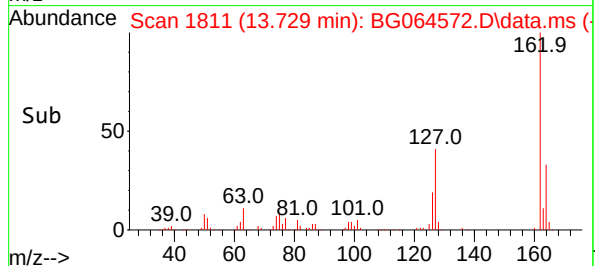
SSTDICC020



Tgt Ion:	162	Resp:	155356
Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.2
164	33.2	27.5	41.3

Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

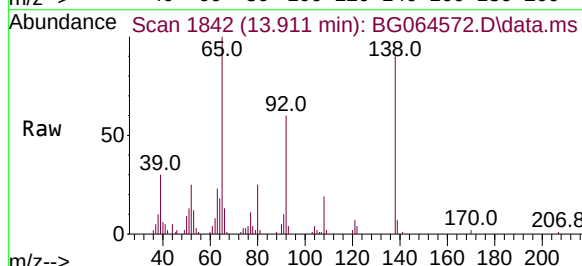
Concen: 17.565 ng

RT: 13.911 min Scan# 1842

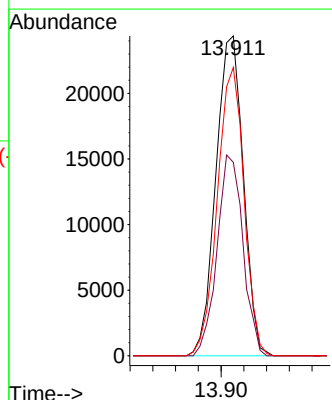
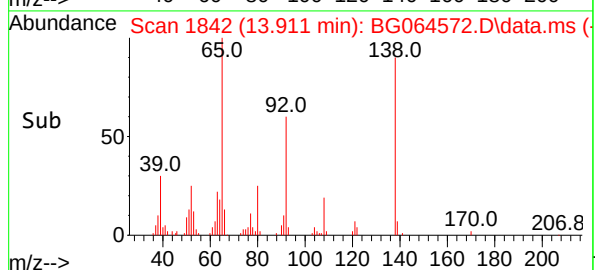
Delta R.T. 0.001 min

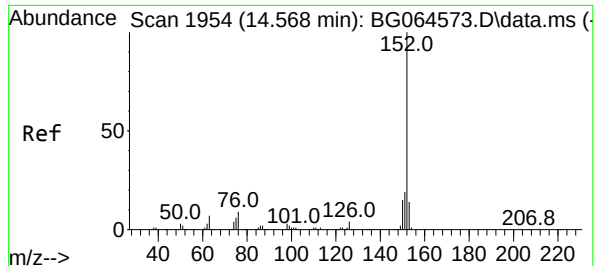
Lab File: BG064572.D

Acq: 24 Oct 2025 12:23



Tgt Ion:	65	Resp:	40854
Ion	Ratio	Lower	Upper
65	100		
92	60.5	48.3	72.5
138	90.1	74.9	112.3





#49

Acenaphthylene

Concen: 19.454 ng

RT: 14.563 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 242914

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.2

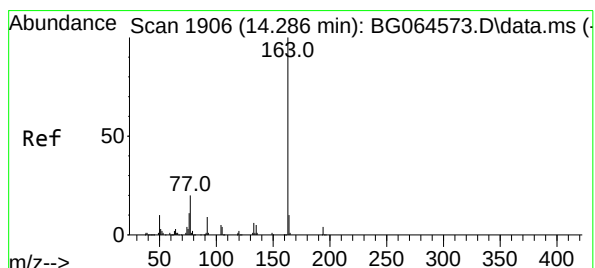
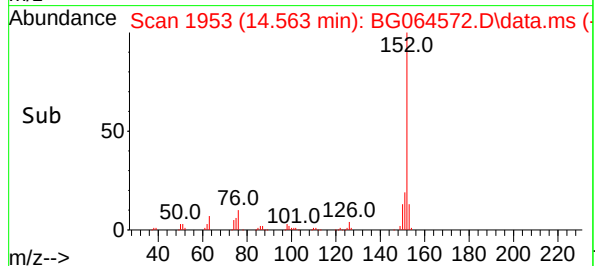
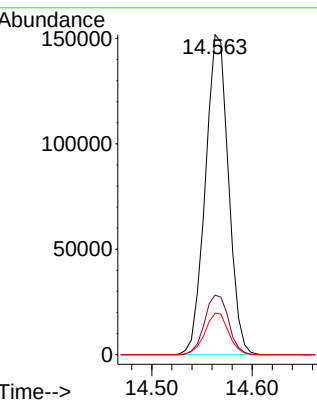
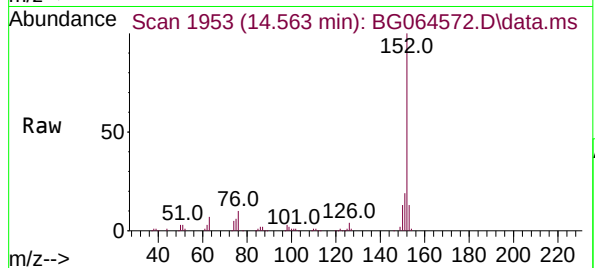
153 12.9 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 19.452 ng

RT: 14.281 min Scan# 1905

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

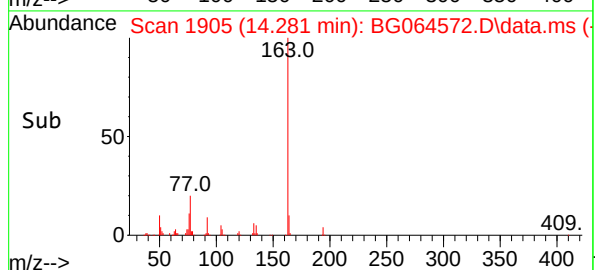
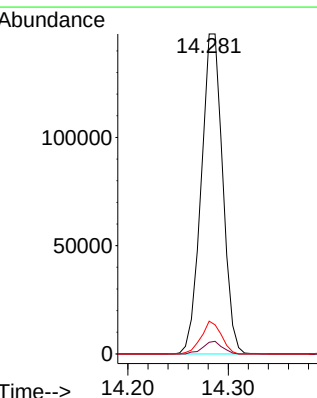
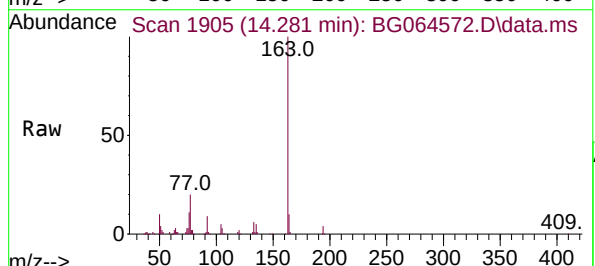
Tgt Ion:163 Resp: 219575

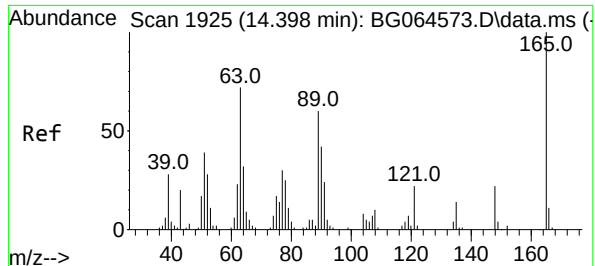
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 10.2 7.7 11.5





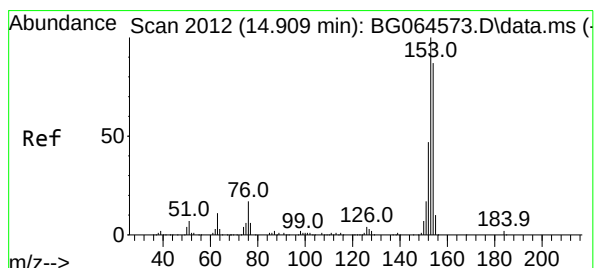
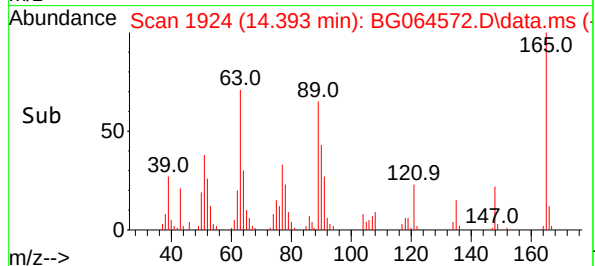
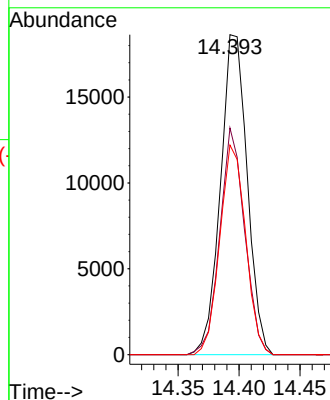
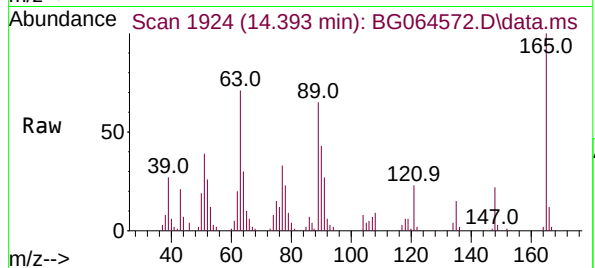
#51
2,6-Dinitrotoluene
Concen: 17.440 ng
RT: 14.393 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 2842
Ion Ratio Lower Upper
165 100
63 70.8 57.4 86.0
89 65.5 47.8 71.8

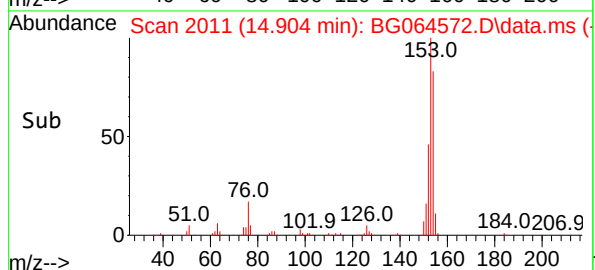
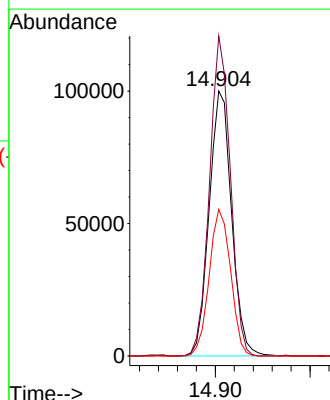
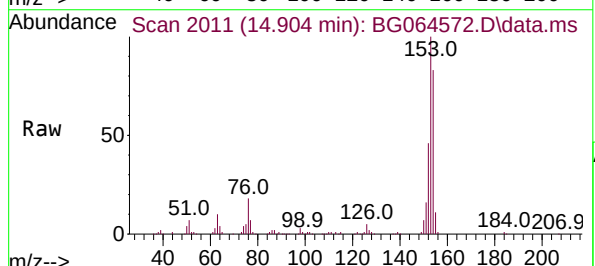
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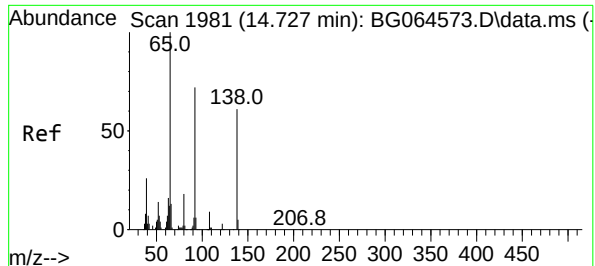
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 19.287 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 164542
Ion Ratio Lower Upper
154 100
153 120.8 92.2 138.4
152 55.3 43.2 64.8





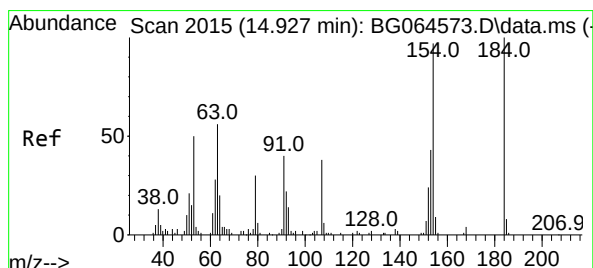
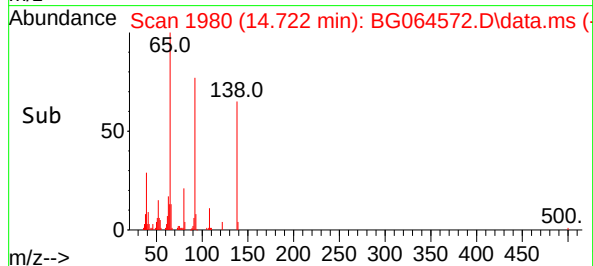
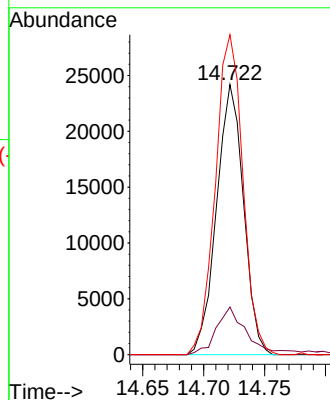
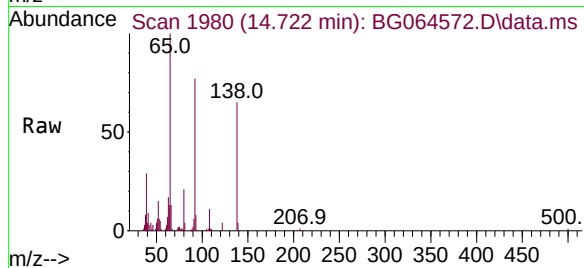
#53
3-Nitroaniline
Concen: 19.193 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 37234
Ion Ratio Lower Upper
138 100
108 17.6 11.4 17.0
92 118.5 95.3 142.9

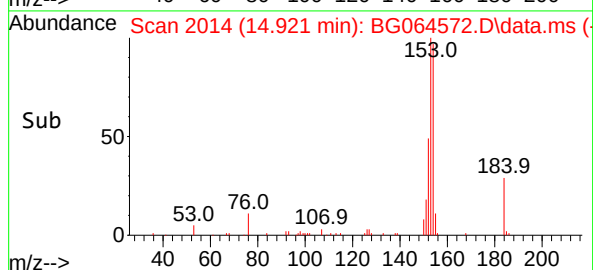
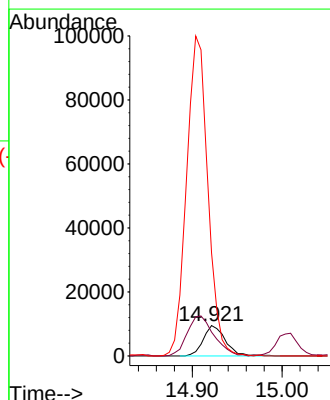
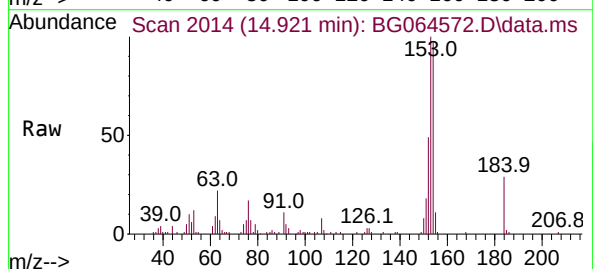
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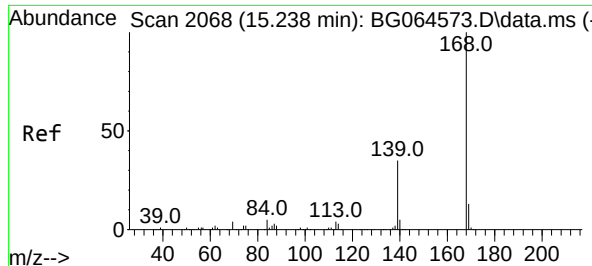
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 18.744 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:184 Resp: 16182
Ion Ratio Lower Upper
184 100
63 78.3 56.6 85.0
154 339.0 158.6 238.0#





#55

Dibenzofuran

Concen: 19.534 ng

RT: 15.239 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

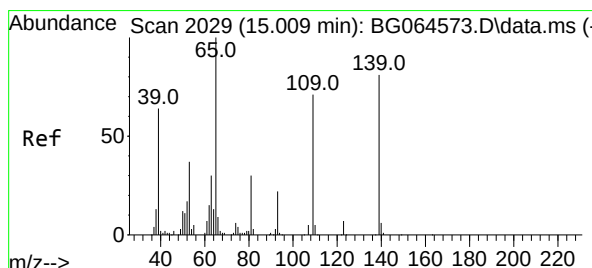
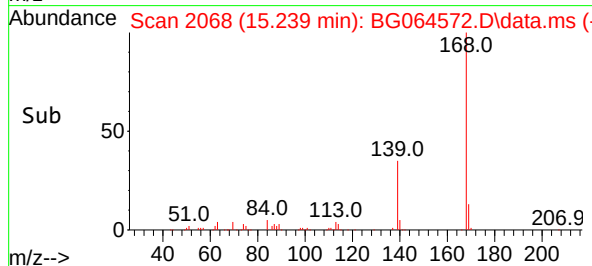
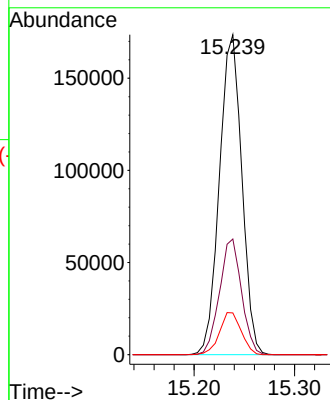
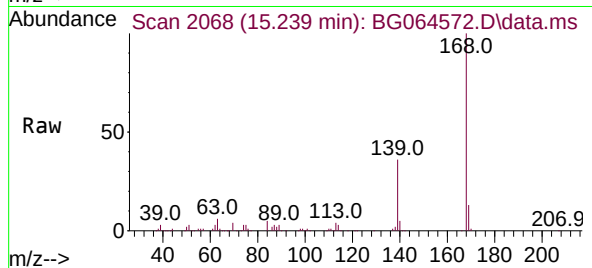
Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:	168	Resp:	269419
Ion Ratio	Lower	Upper	
168	100		
139	36.1	27.8	41.8
169	13.0	10.3	15.5

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#56

4-Nitrophenol

Concen: 17.439 ng

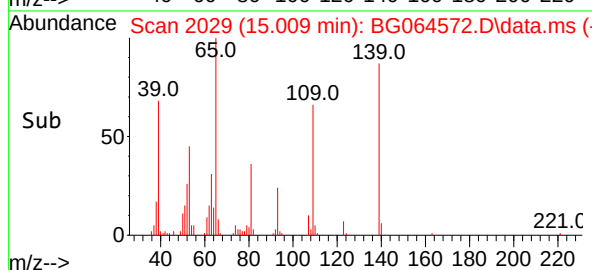
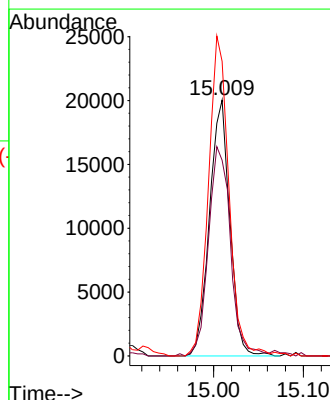
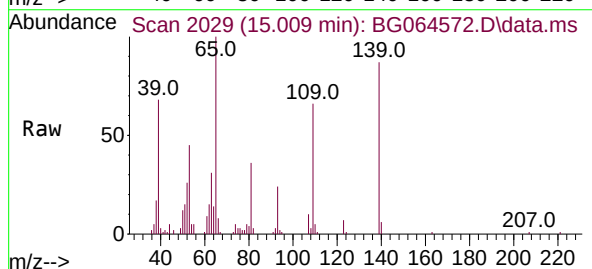
RT: 15.009 min Scan# 2029

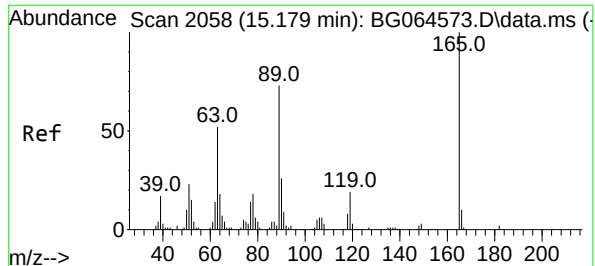
Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:	139	Resp:	31366
Ion Ratio	Lower	Upper	
139	100		
109	76.4	67.8	107.8
65	115.0	103.7	143.7





#57
2,4-Dinitrotoluene
Concen: 17.427 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

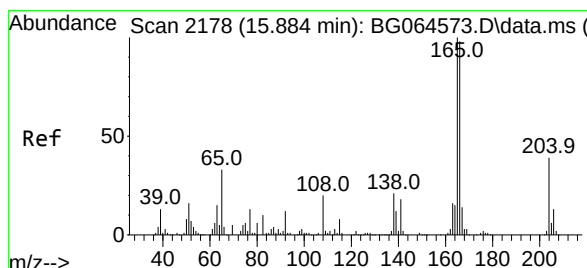
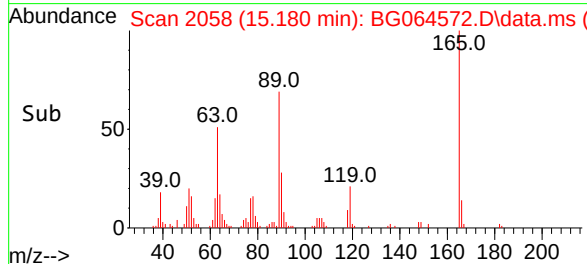
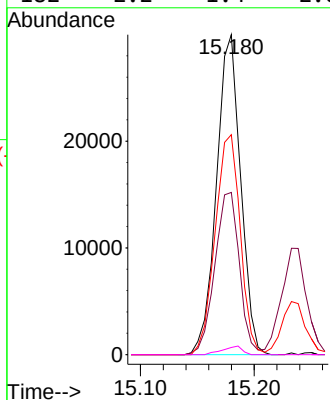
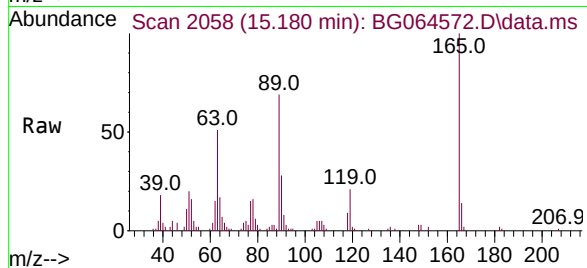
ClientSampleId :

SSTDICC020

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	41.8	62.8
89	68.7	58.1	87.1
182	2.2	1.4	2.0

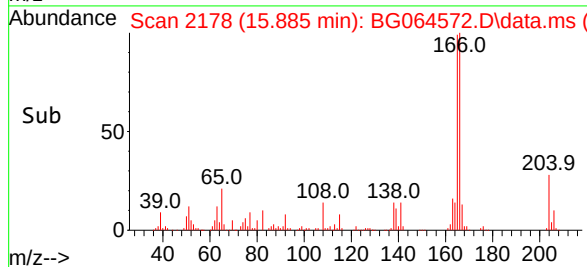
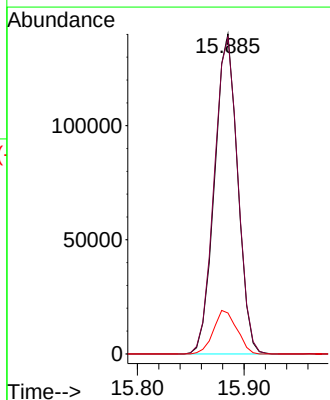
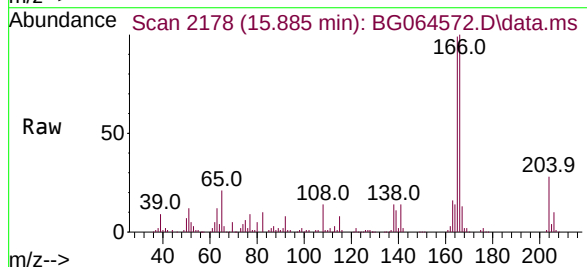
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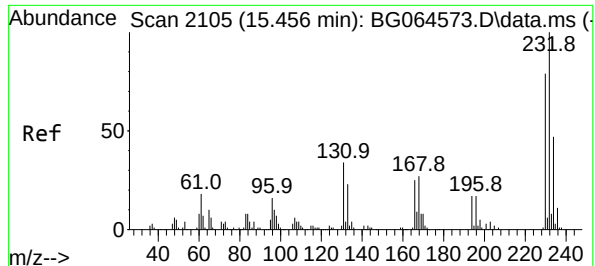
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 19.536 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

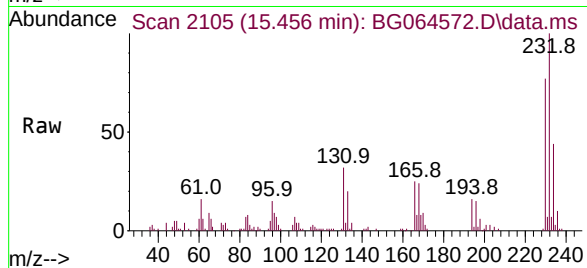
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.5	122.3
167	12.8	11.4	17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.980 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

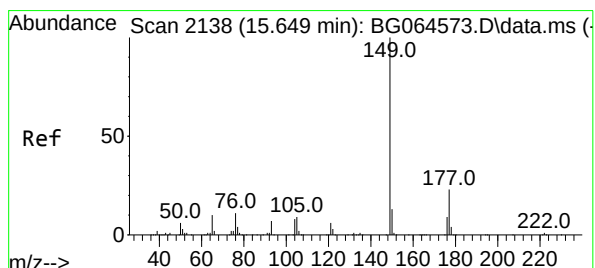
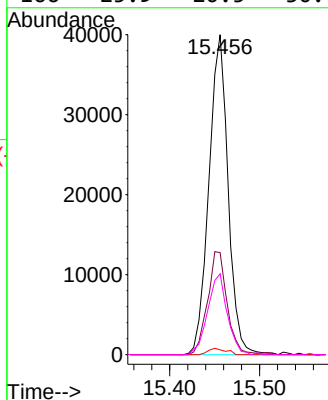
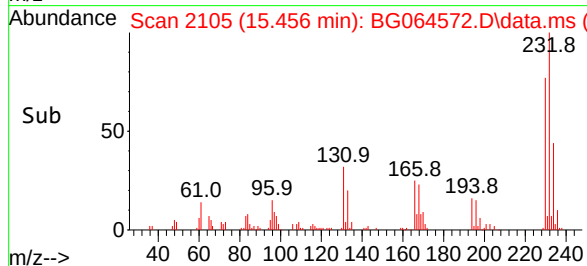
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



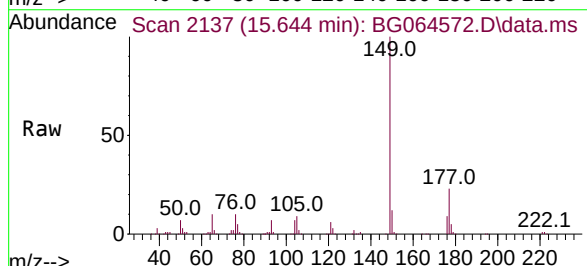
Tgt Ion:232 Resp: 59314
Ion Ratio Lower Upper
232 100
131 32.5 26.7 40.1
130 1.8 1.6 2.4
166 25.9 20.5 30.7

Manual Integrations
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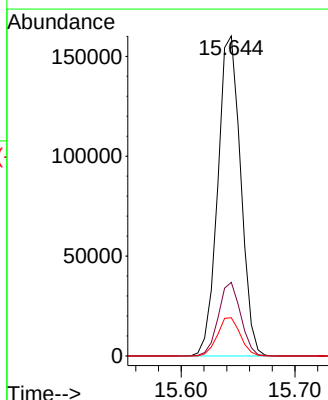
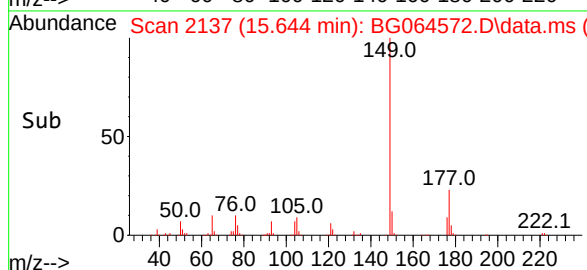
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

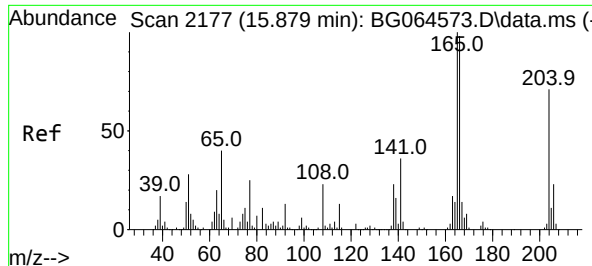


#60
Diethylphthalate
Concen: 19.382 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



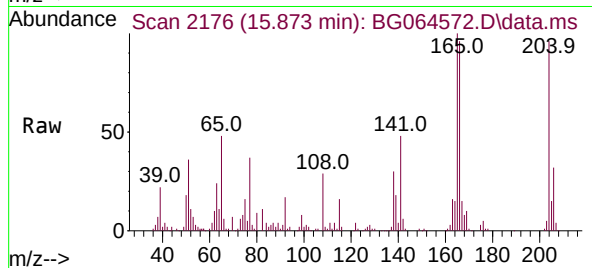
Tgt Ion:149 Resp: 223398
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 11.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 19.333 ng
RT: 15.873 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

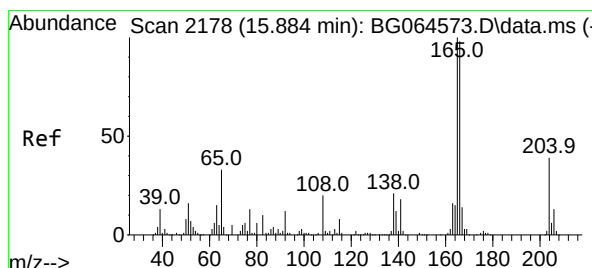
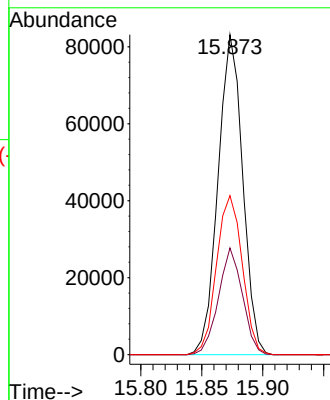
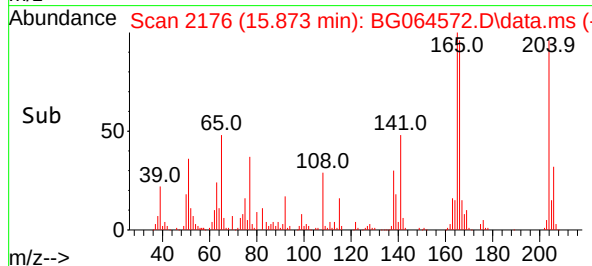
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



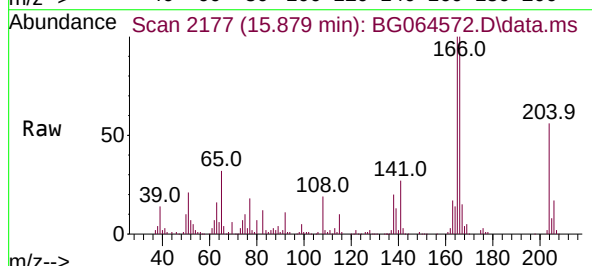
Tgt Ion:204 Resp: 11686
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 49.7 40.6 60.8

Manual Integrations
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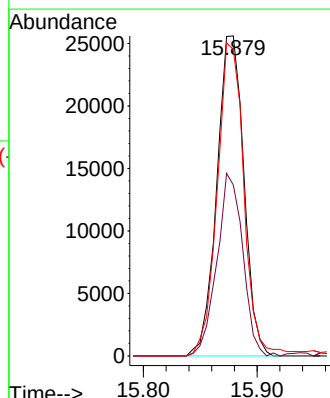
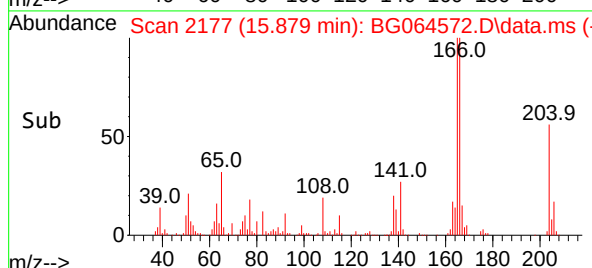
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

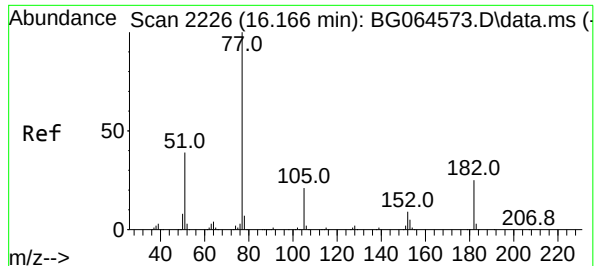


#62
4-Nitroaniline
Concen: 19.582 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:138 Resp: 42261
Ion Ratio Lower Upper
138 100
92 53.4 36.1 76.1
108 95.8 75.6 115.6





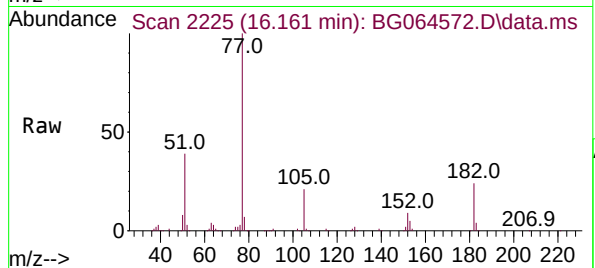
#63
Azobenzene
Concen: 19.205 ng
RT: 16.161 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

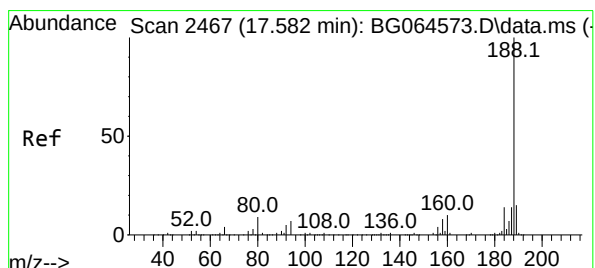
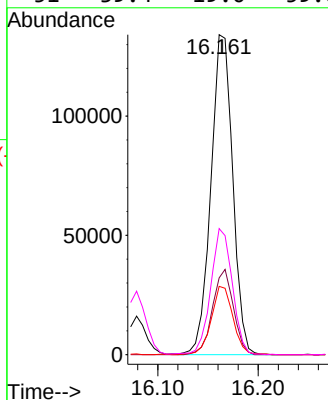
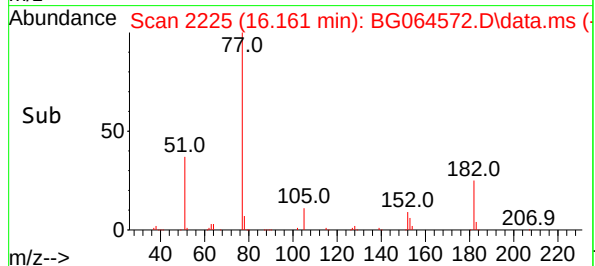


Tgt Ion: 77 Resp: 203101
Ion Ratio Lower Upper
77 100
182 24.0 4.9 44.9
105 21.3 1.3 41.3
51 39.4 19.0 59.0

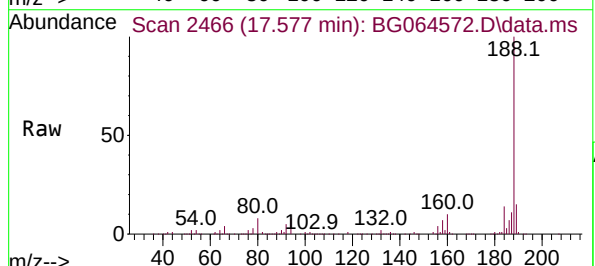
Manual Integrations

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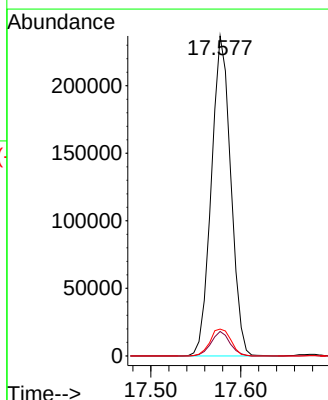
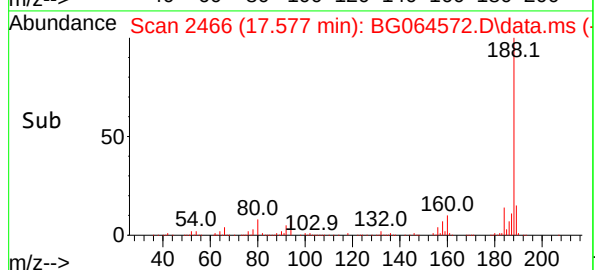
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

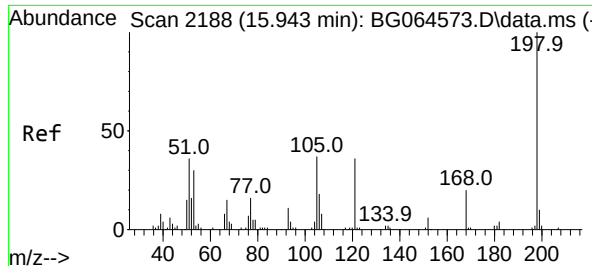


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:188 Resp: 357228
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.8 10.2





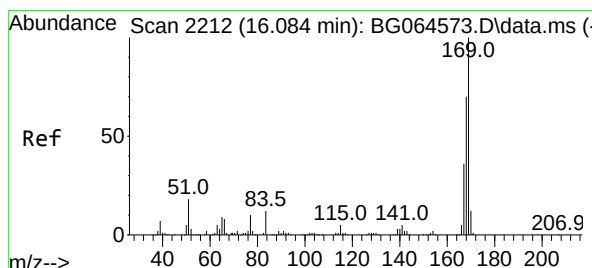
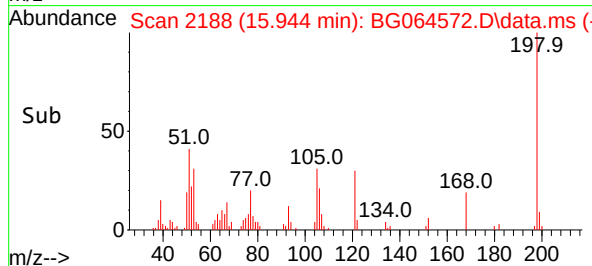
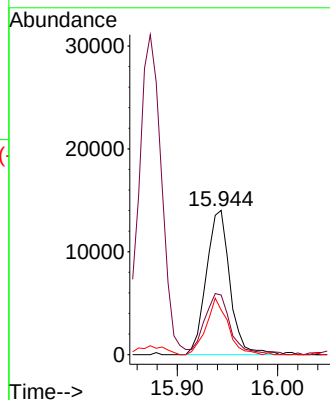
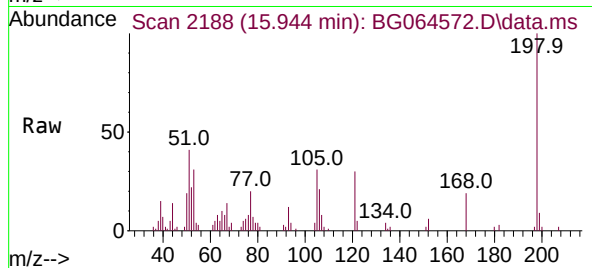
#65
4,6-Dinitro-2-methylphenol
Concen: 18.316 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 22843
Ion Ratio Lower Upper
198 100
51 41.3 24.7 64.7
105 30.8 18.0 58.0

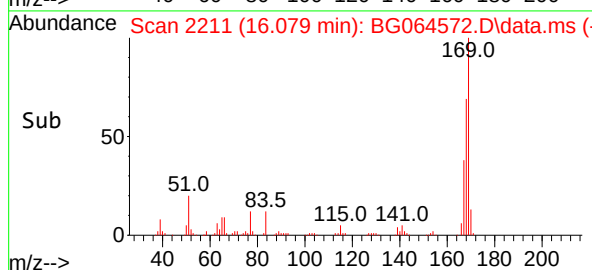
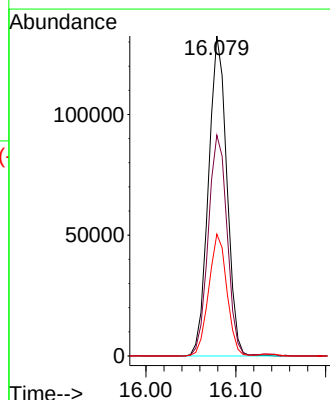
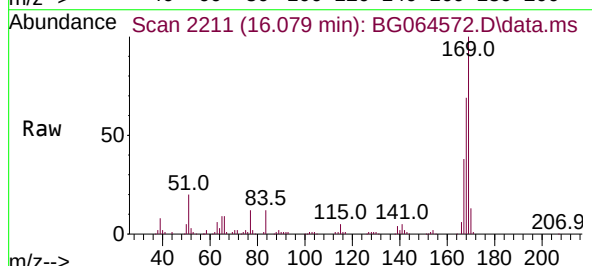
Manual Integrations
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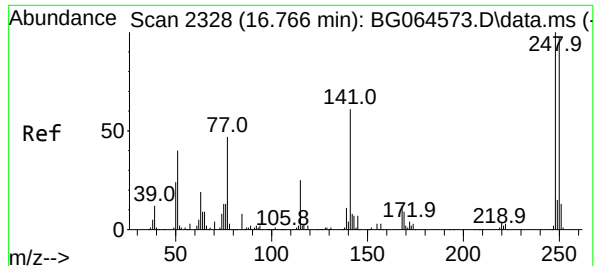
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 19.437 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

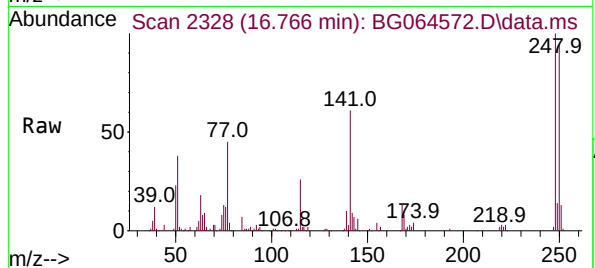
Tgt Ion:169 Resp: 187560
Ion Ratio Lower Upper
169 100
168 69.0 56.3 84.5
167 38.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 19.444 ng
RT: 16.766 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

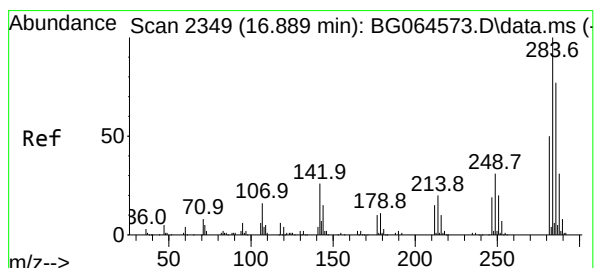
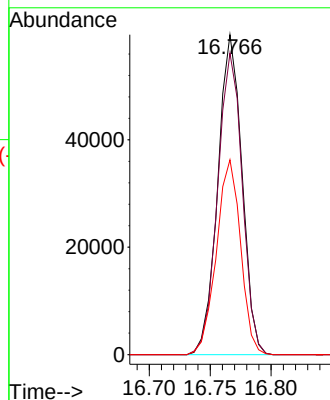
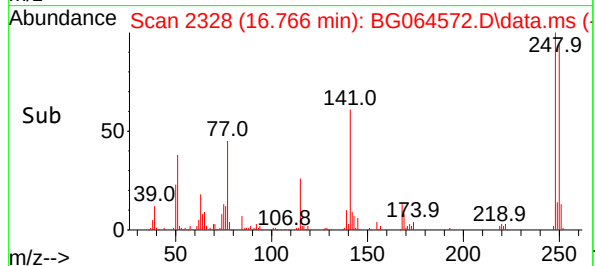
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



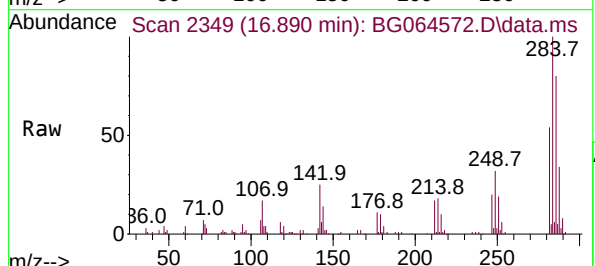
Tgt Ion:248 Resp: 8231
Ion Ratio Lower Upper
248 100
250 94.2 77.7 116.5
141 60.9 48.6 72.8

Manual Integrations
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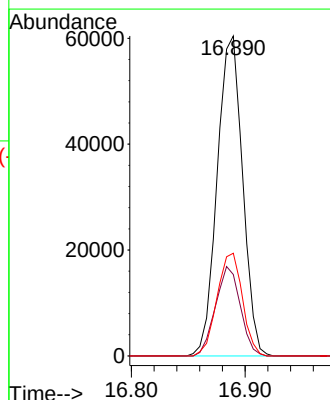
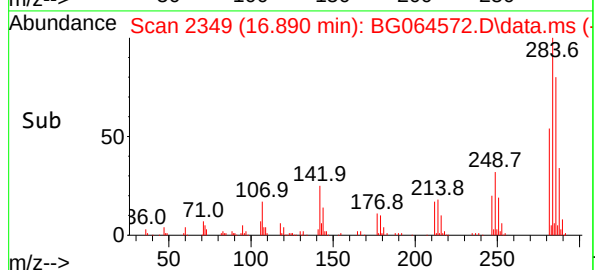
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

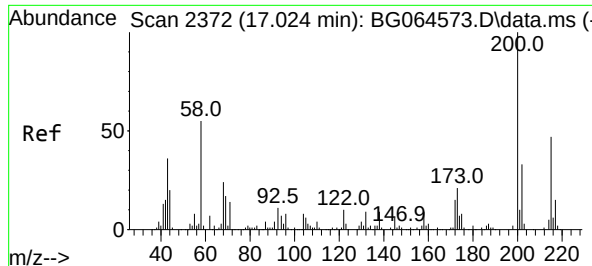


#68
Hexachlorobenzene
Concen: 19.391 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:284 Resp: 93647
Ion Ratio Lower Upper
284 100
142 25.4 21.0 31.6
249 34.6 24.9 37.3





#69

Atrazine

Concen: 21.392 ng

RT: 17.019 min Scan# 2371

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 88832

Ion Ratio Lower Upper

200 100

173 24.1 0.9 40.9

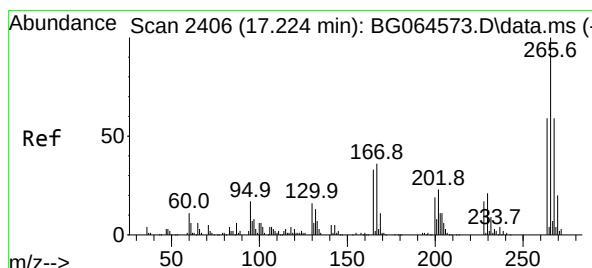
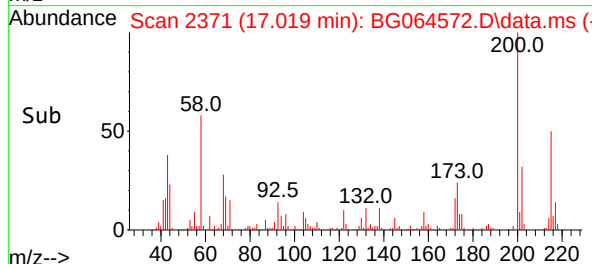
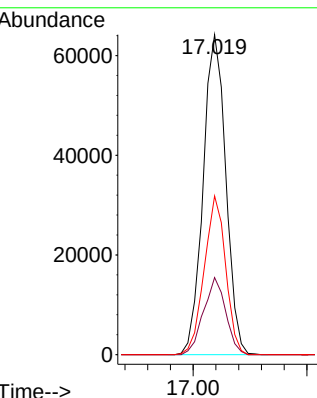
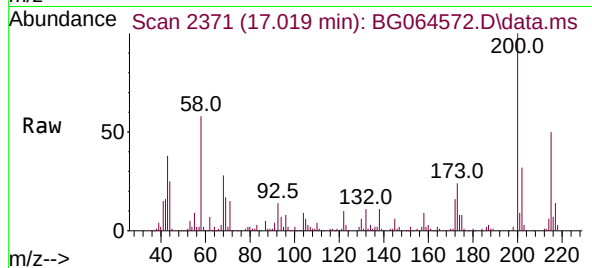
215 49.6 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 18.022 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

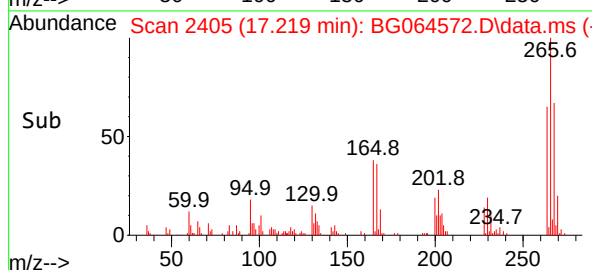
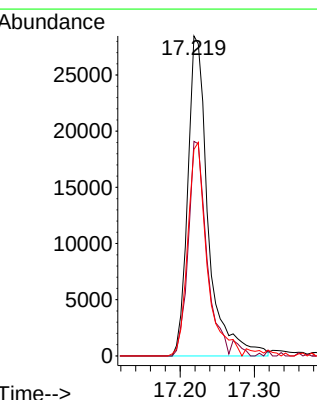
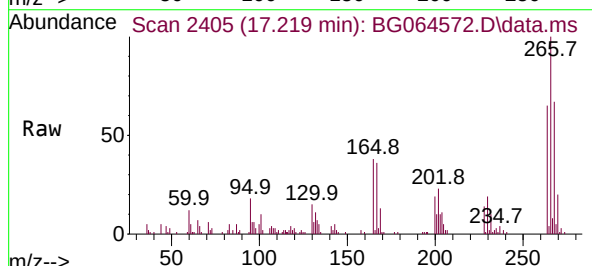
Tgt Ion:266 Resp: 54275

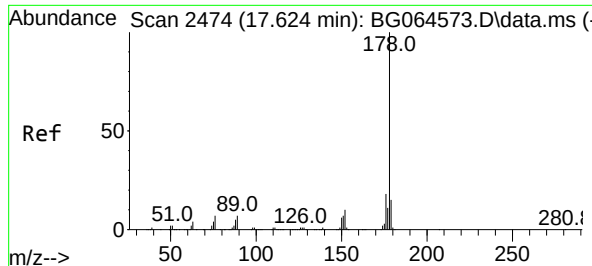
Ion Ratio Lower Upper

266 100

268 71.7 50.3 75.5

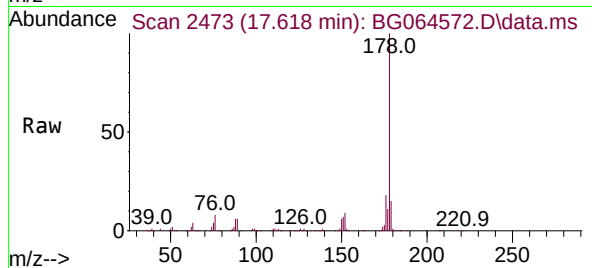
264 68.9 47.3 70.9





#71
Phenanthrene
Concen: 19.624 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

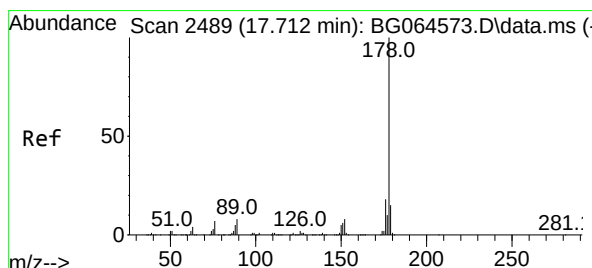
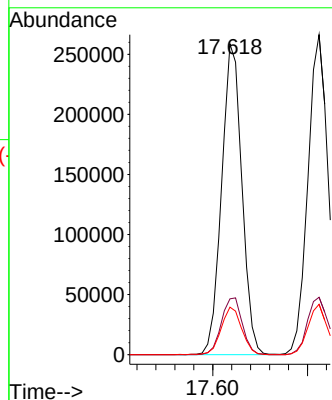
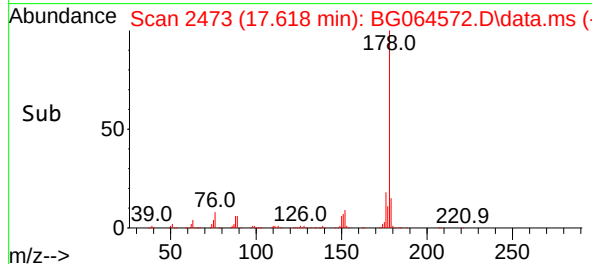
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 383359
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.3 12.2 18.4

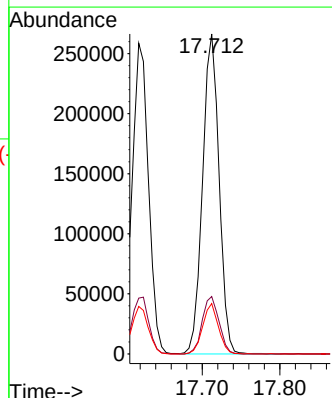
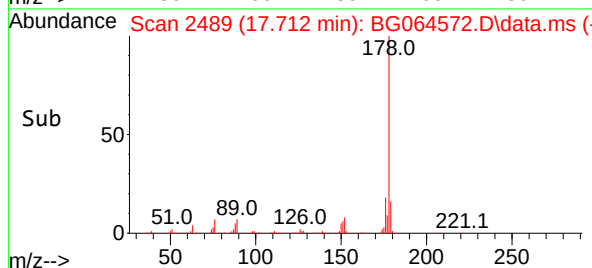
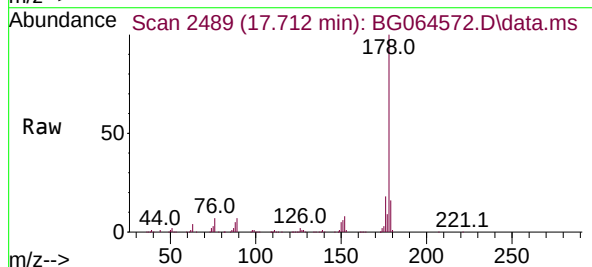
Manual Integrations
APPROVED

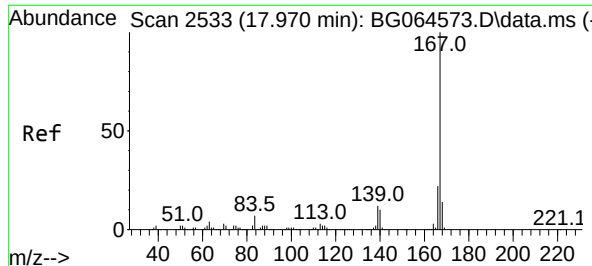
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 19.792 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

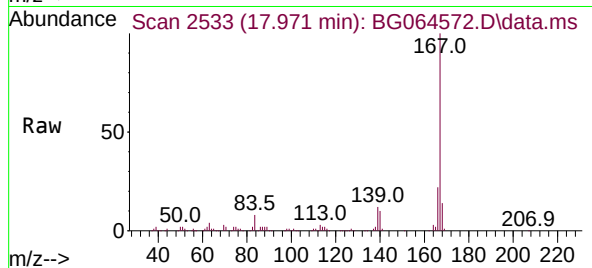
Tgt Ion:178 Resp: 393312
Ion Ratio Lower Upper
178 100
176 17.9 14.4 21.6
179 15.7 12.4 18.6





#73
Carbazole
Concen: 20.014 ng
RT: 17.971 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

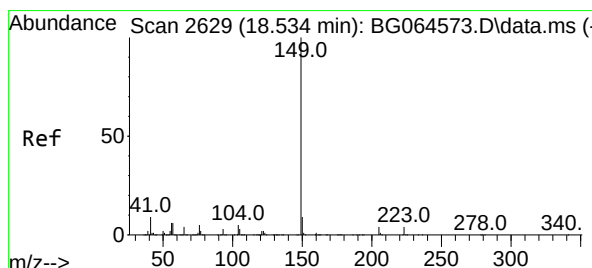
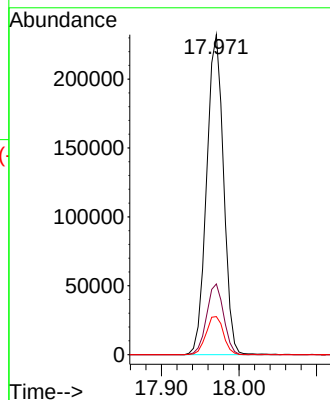
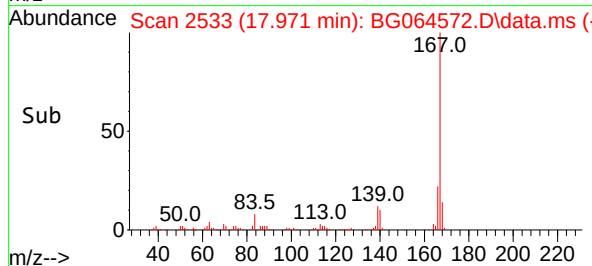
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



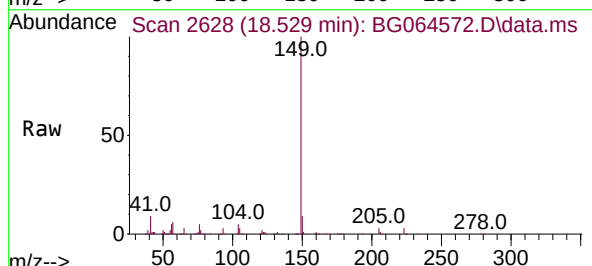
Tgt Ion:167 Resp: 350722
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 11.9 9.7 14.5

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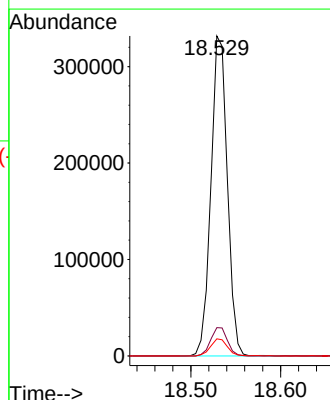
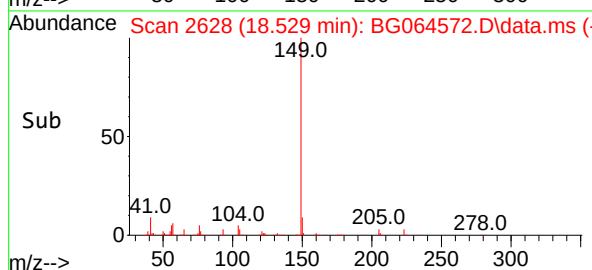
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

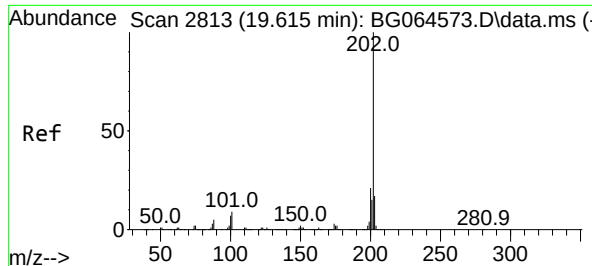


#74
Di-n-butylphthalate
Concen: 20.788 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



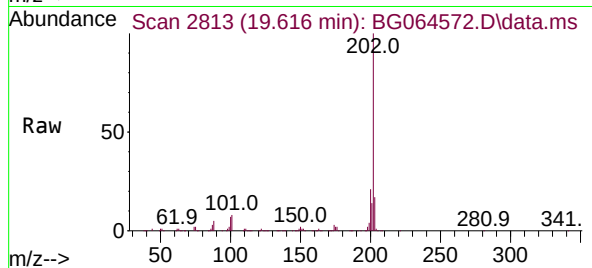
Tgt Ion:149 Resp: 421239
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 20.142 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

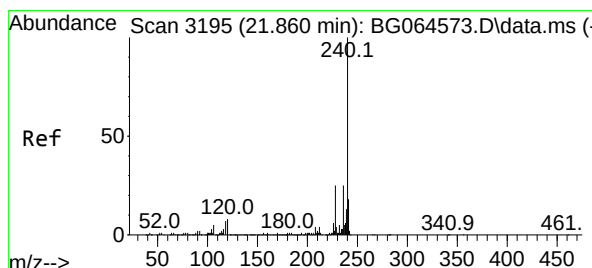
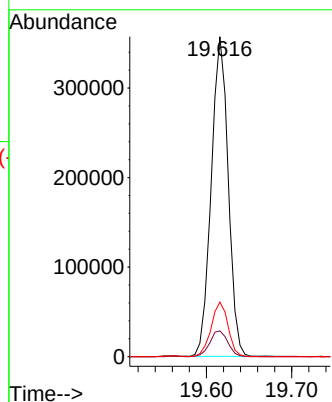
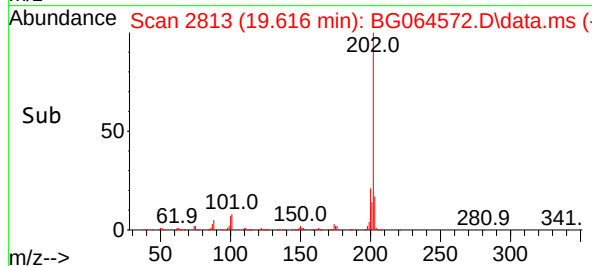
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 492924
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.7
203 17.0 0.0 37.0

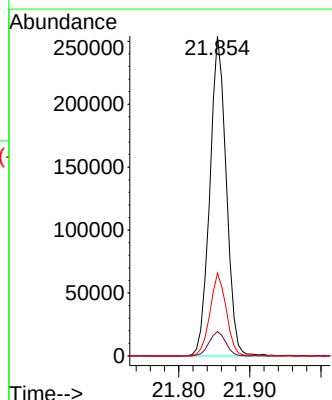
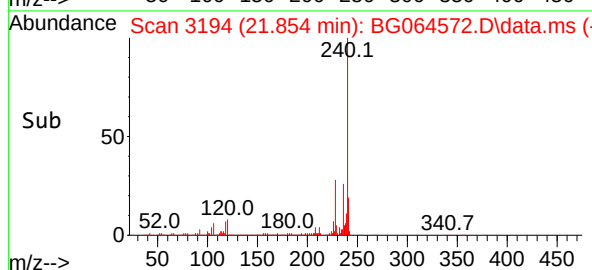
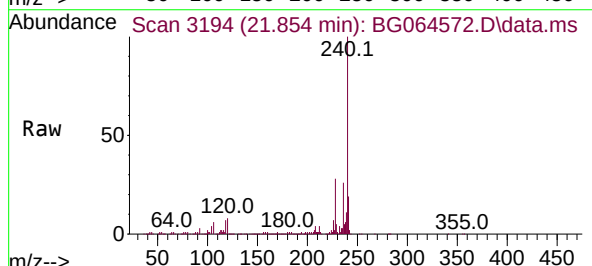
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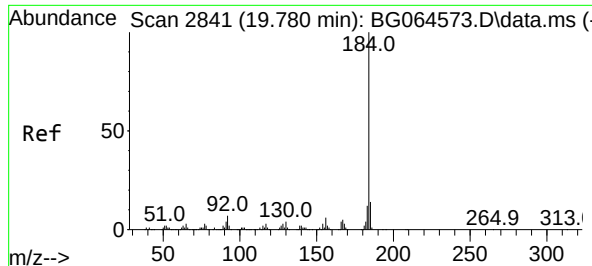
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:240 Resp: 408574
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.9 20.2 30.2





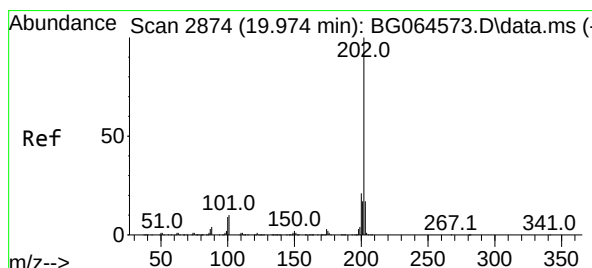
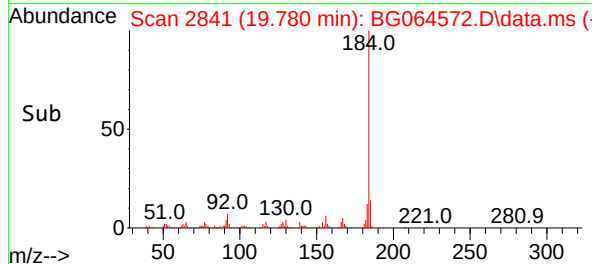
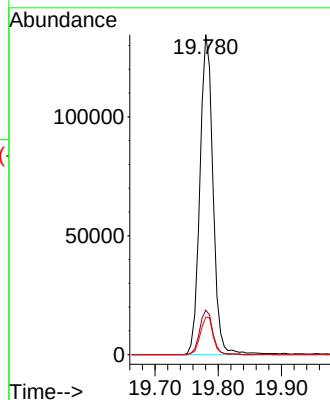
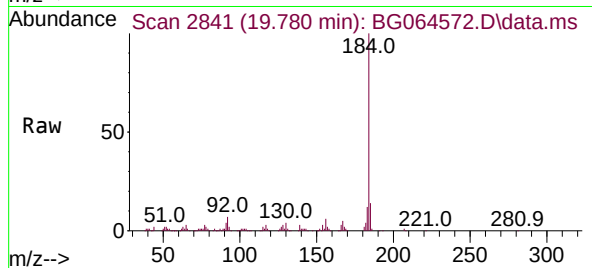
#77
Benzidine
Concen: 21.201 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 194070
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.7 9.4 14.2

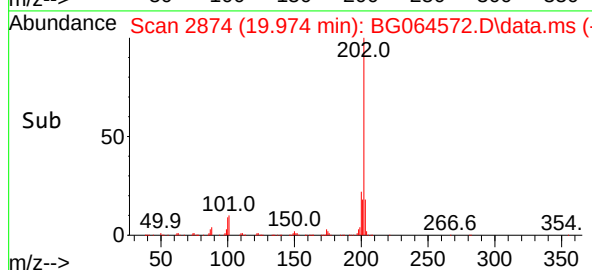
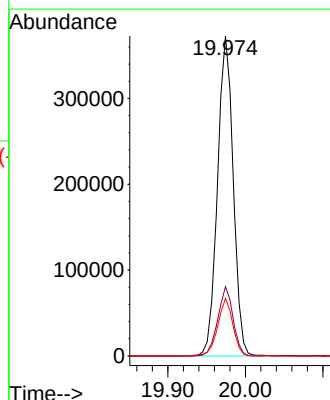
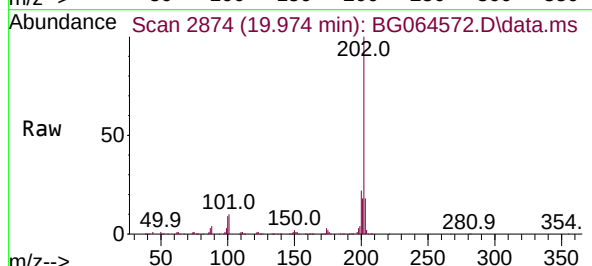
Manual Integrations
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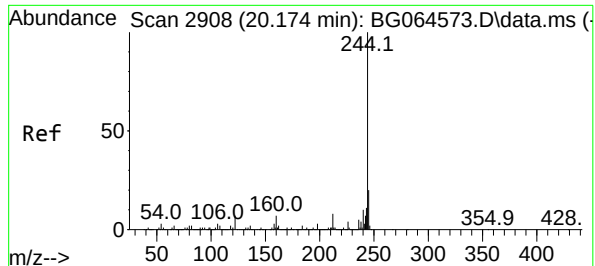
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 19.646 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

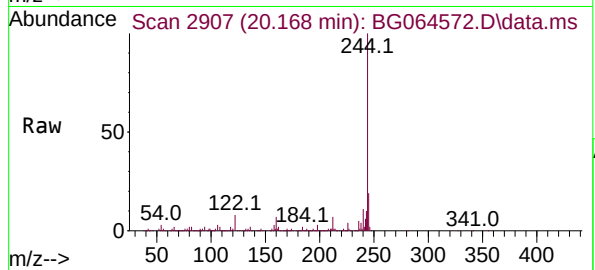
Tgt Ion:202 Resp: 524431
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.0 13.8 20.6





#79
Terphenyl-d14
Concen: 40.219 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

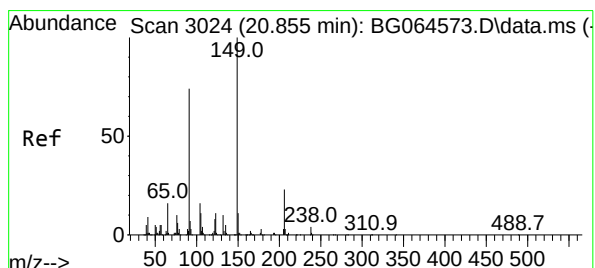
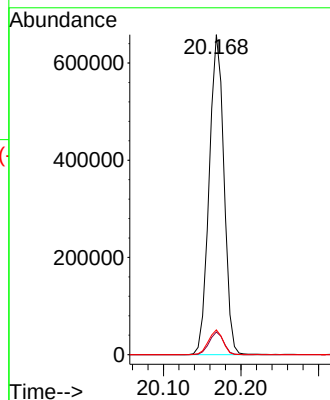
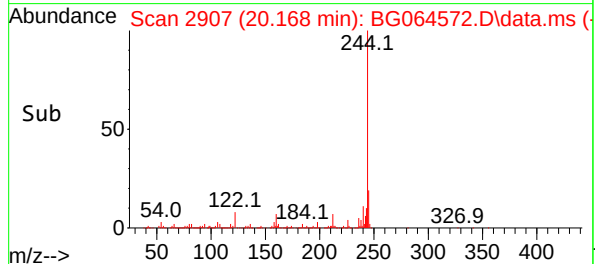
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 87074
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 7.7 5.6 8.4

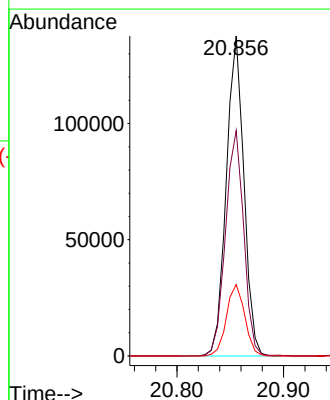
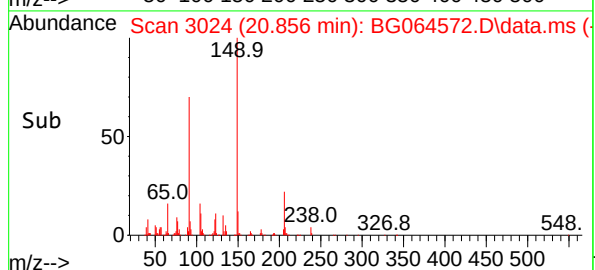
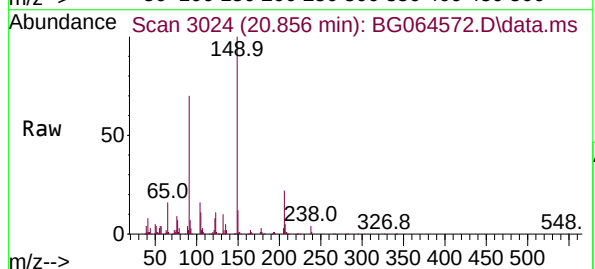
Manual Integrations
APPROVED

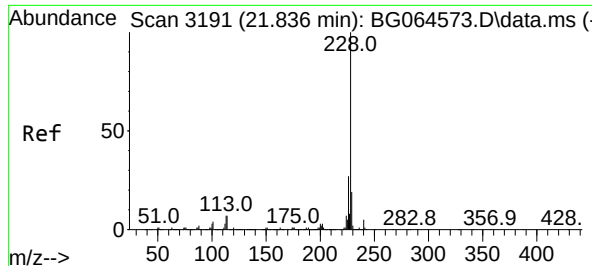
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#80
Butylbenzylphthalate
Concen: 19.633 ng
RT: 20.856 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

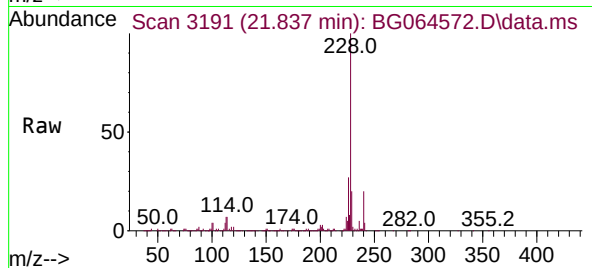
Tgt Ion:149 Resp: 158394
Ion Ratio Lower Upper
149 100
91 70.4 59.2 88.8
206 22.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 19.490 ng
RT: 21.837 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

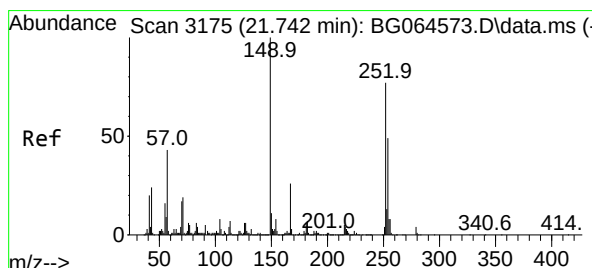
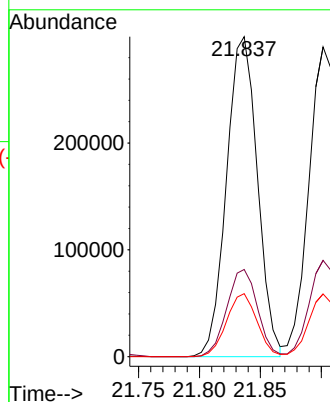
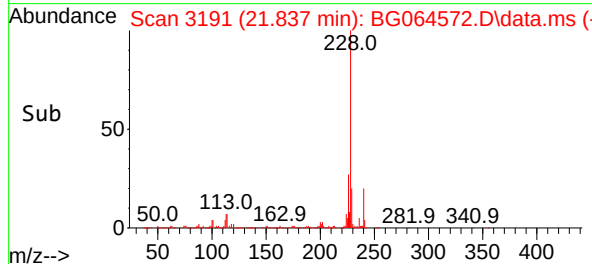
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 528009
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 15.6 23.4

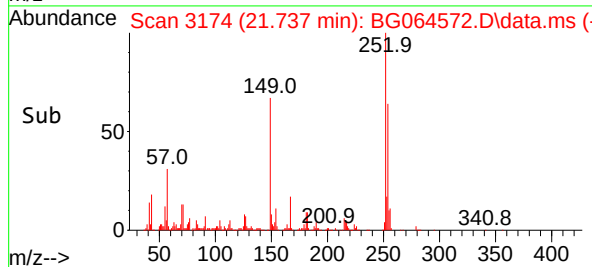
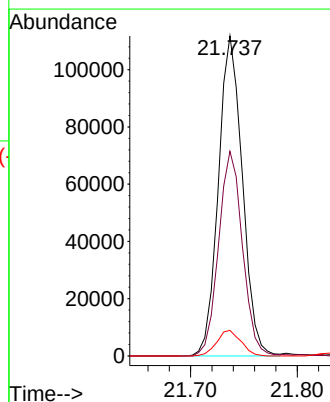
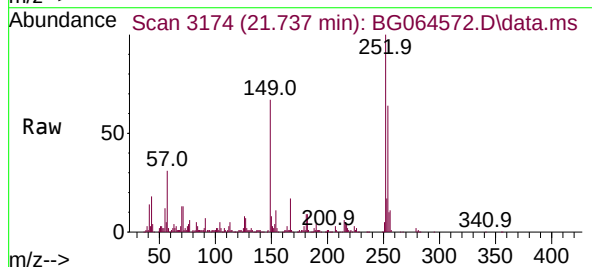
Manual Integrations
APPROVED

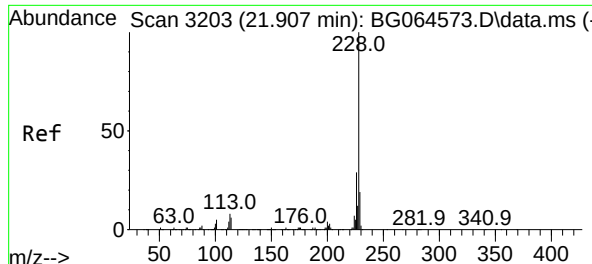
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.323 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 174803
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 8.0 5.8 8.6





#83

Chrysene

Concen: 19.479 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

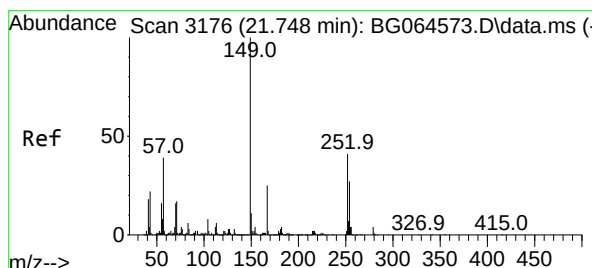
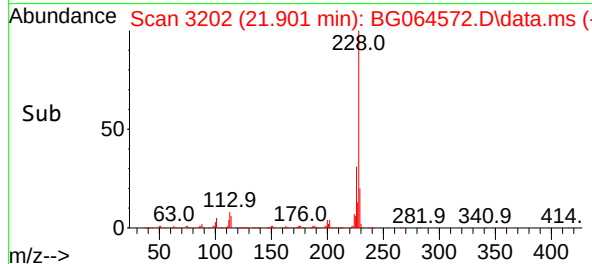
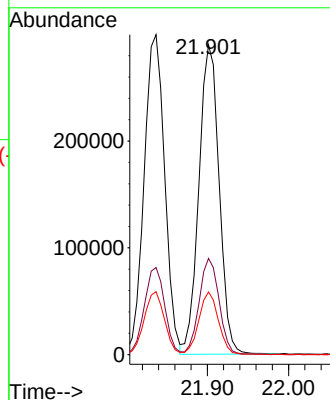
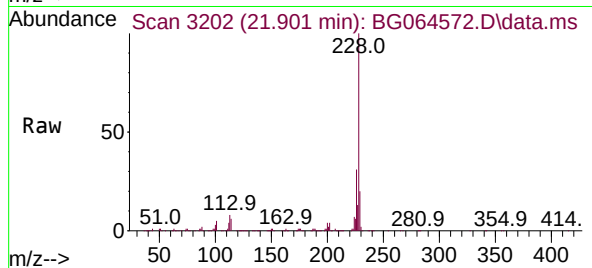
SSTDICC020

Tgt Ion:228	Resp: 502125
Ion Ratio	Lower Upper
228 100	
226 31.1	23.3 34.9
229 20.2	15.2 22.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.703 ng

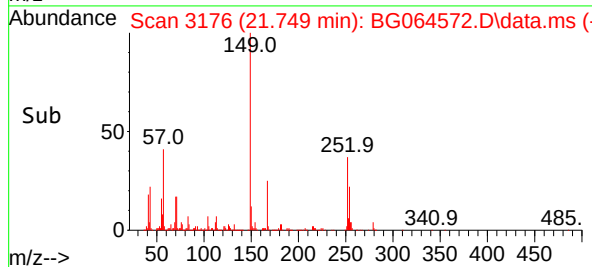
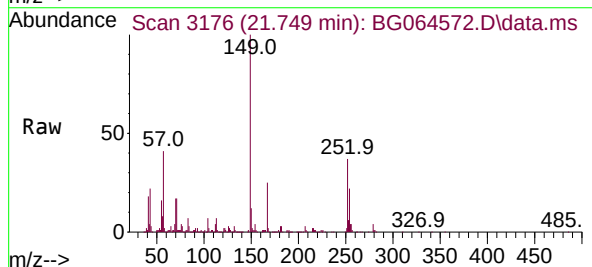
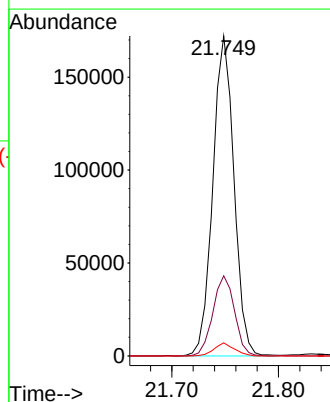
RT: 21.749 min Scan# 3176

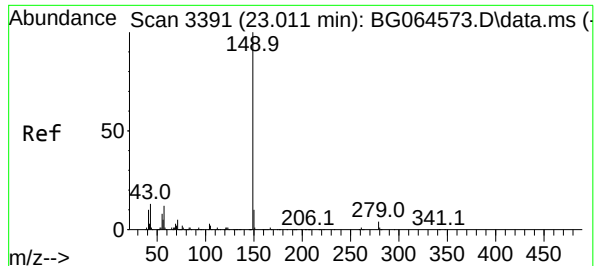
Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

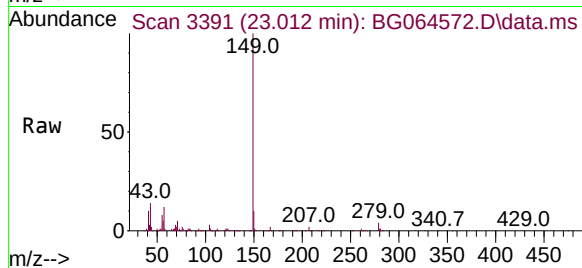
Tgt Ion:149	Resp: 237524
Ion Ratio	Lower Upper
149 100	
167 25.0	20.0 30.0
279 4.1	3.1 4.7





#85
Di-n-octyl phthalate
Concen: 18.740 ng
RT: 23.012 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

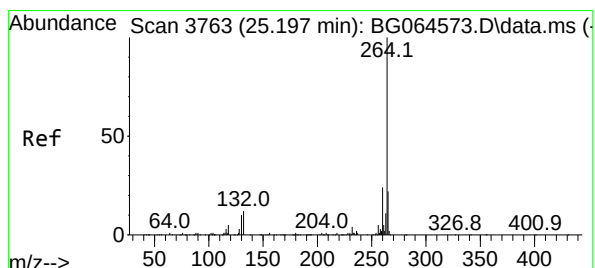
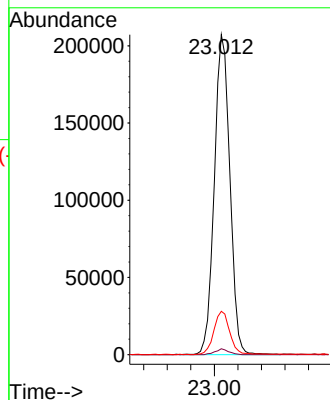
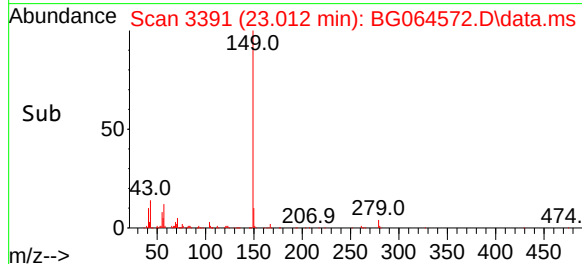
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



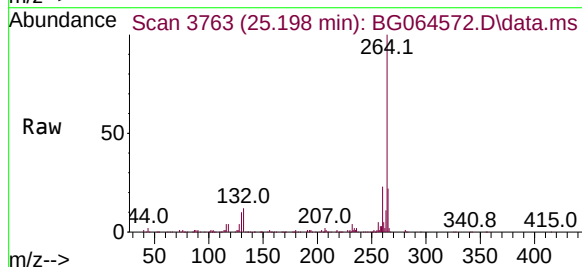
Tgt Ion:149 Resp: 380895
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.0 10.8 16.2

Manual Integrations
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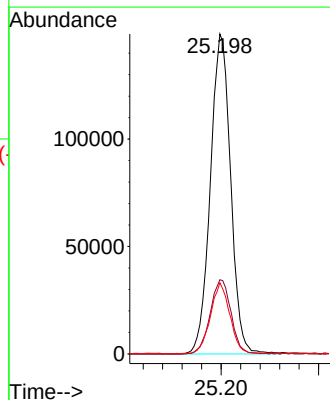
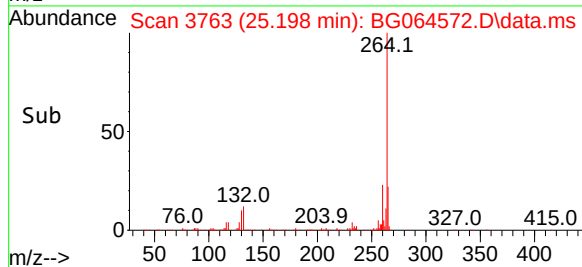
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

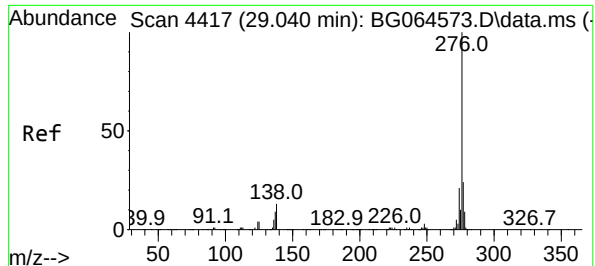


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



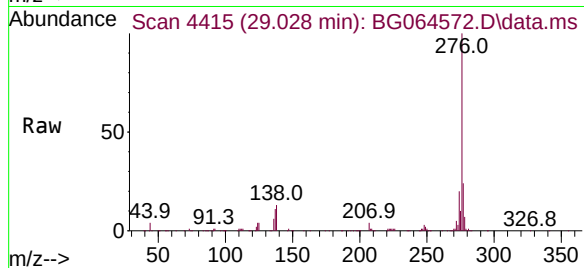
Tgt Ion:264 Resp: 430370
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 22.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.163 ng
RT: 29.028 min Scan# 4417
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

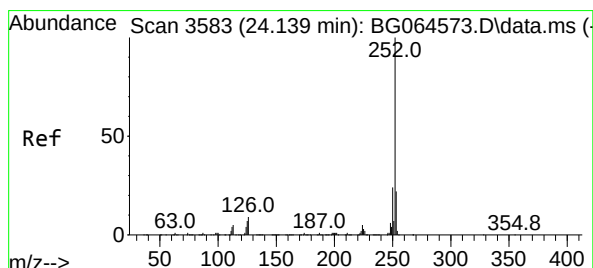
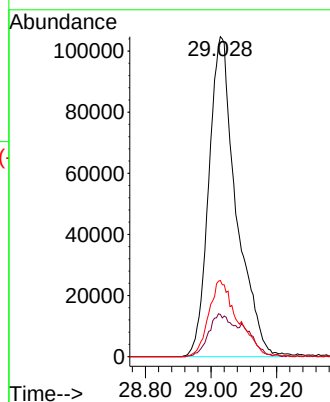
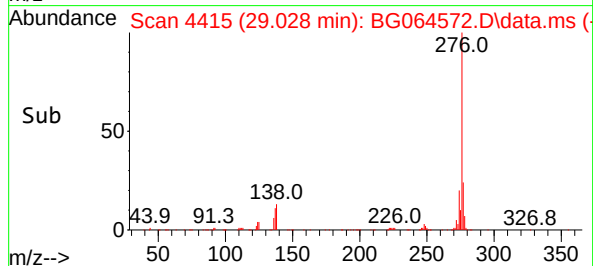
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 606702
Ion Ratio Lower Upper
276 100
138 12.0 10.8 16.2
277 25.1 20.1 30.1

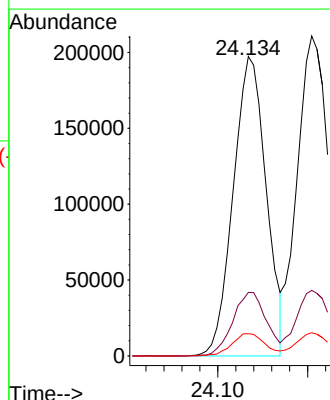
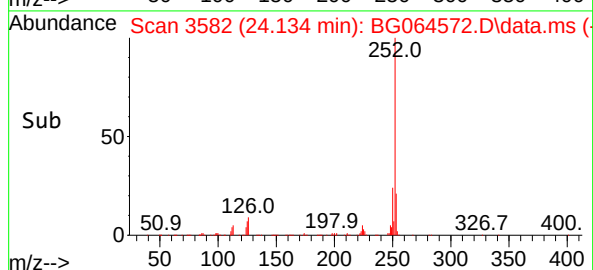
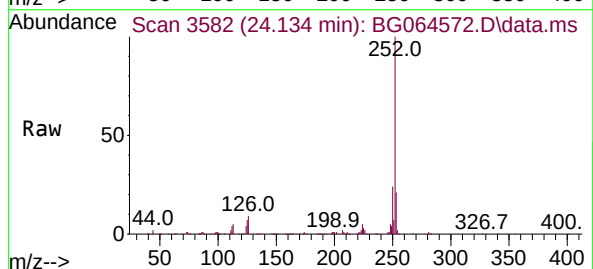
Manual Integrations
APPROVED

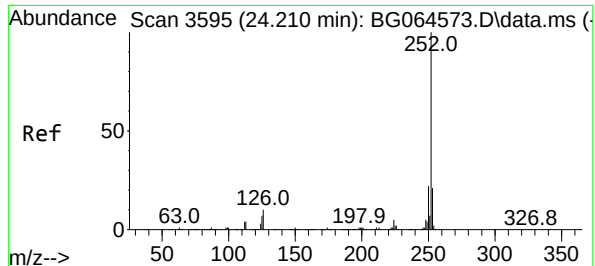
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 19.066 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 252 Resp: 503145
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.4 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 19.650 ng

RT: 24.205 min Scan# 3594

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

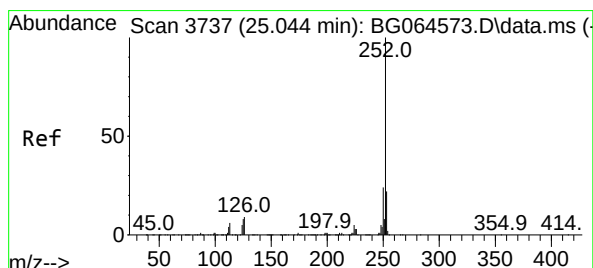
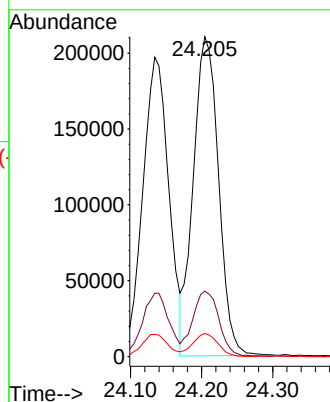
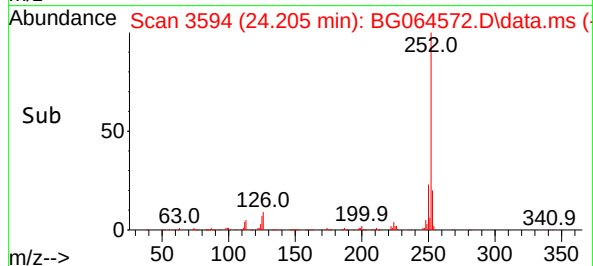
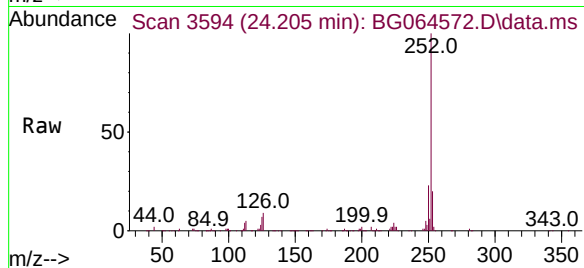
ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 518915
Ion Ratio Lower Upper
252 100
253 20.5 16.8 25.2
125 7.2 5.4 8.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 19.398 ng

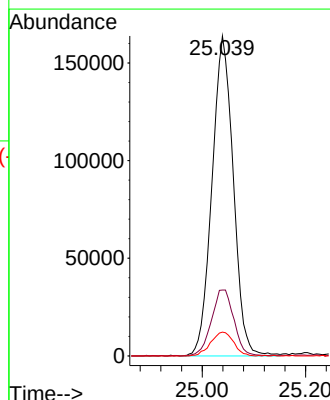
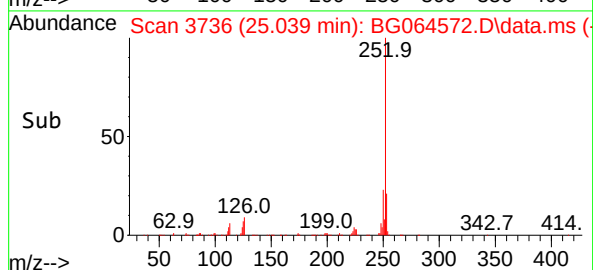
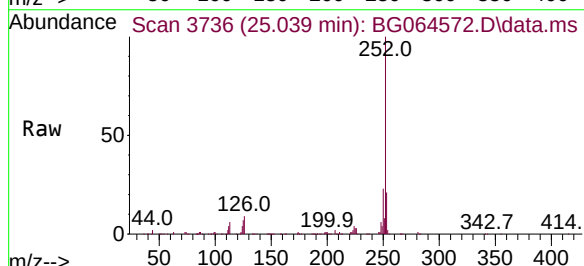
RT: 25.039 min Scan# 3736

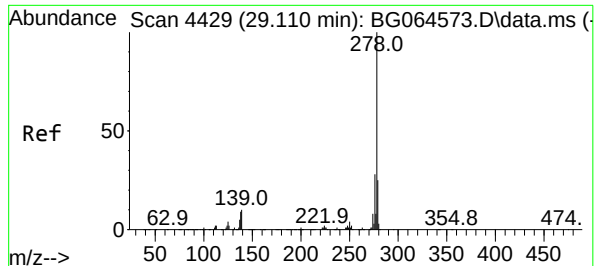
Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

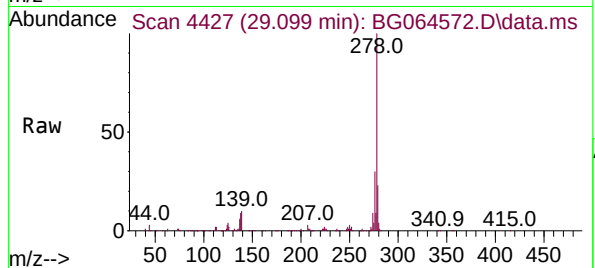
Tgt Ion:252 Resp: 470556
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 7.4 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 19.377 ng
RT: 29.099 min Scan# 4429
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

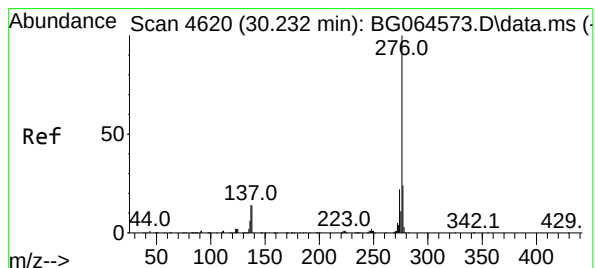
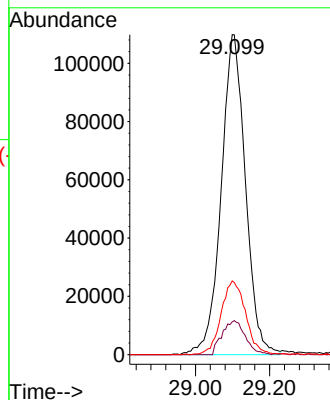
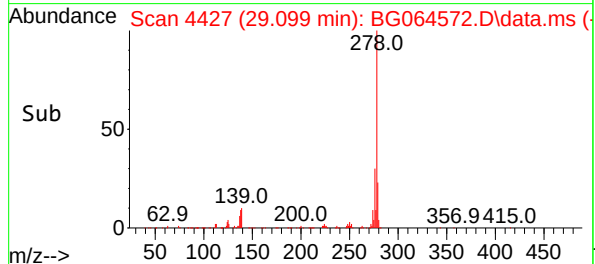
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 498395
Ion Ratio Lower Upper
278 100
139 10.2 8.0 12.0
279 23.0 19.8 29.6

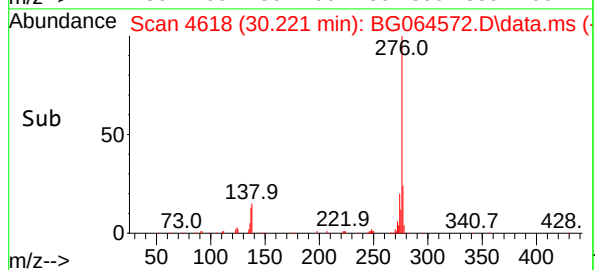
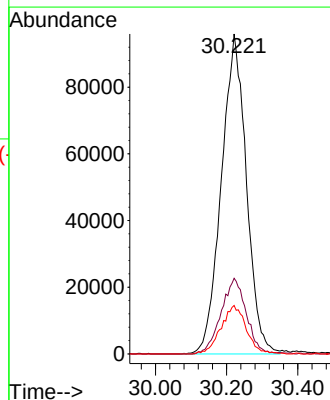
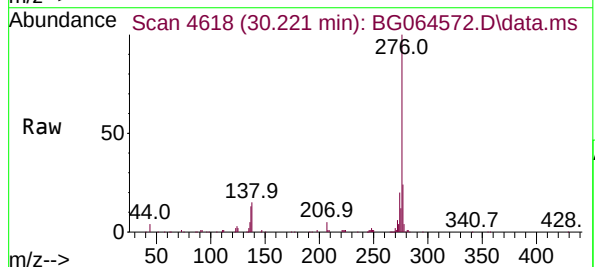
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 19.067 ng
RT: 30.221 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 276 Resp: 468496
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.1 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:56 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.624	93	111183	41.613	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.037	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.652	107	102315	42.405	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	45.129	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	73604m	40.425	ng	
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:56 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46) 1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47) 2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48) 2-Nitroaniline	13.910	65	90958	39.303	ng	100
49) Acenaphthylene	14.568	152	466393	42.209	ng	100
50) Dimethylphthalate	14.286	163	428475	42.894	ng	100
51) 2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52) Acenaphthene	14.909	154	319250	42.289	ng	100
53) 3-Nitroaniline	14.727	138	76841	44.762	ng	100
54) 2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55) Dibenzofuran	15.238	168	512547	41.995	ng	100
56) 4-Nitrophenol	15.009	139	68064	42.765	ng	100
57) 2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58) Fluorene	15.884	166	399745	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60) Diethylphthalate	15.649	149	432571	42.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62) 4-Nitroaniline	15.884	138	85297	44.662	ng	100
63) Azobenzene	16.166	77	401676	42.922	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66) n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67) 4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68) Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69) Atrazine	17.024	200	153706	42.203	ng	100
70) Pentachlorophenol	17.224	266	112769	42.694	ng	100
71) Phenanthrene	17.624	178	728184	42.500	ng	100
72) Anthracene	17.712	178	743567	42.663	ng	100
73) Carbazole	17.970	167	646319	42.053	ng	100
74) Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75) Fluoranthene	19.615	202	902557	42.050	ng	100
77) Benzidine	19.780	184	325845	43.697	ng	100
78) Pyrene	19.974	202	939110	43.186	ng	100
80) Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81) Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83) Chrysene	21.907	228	894813	42.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85) Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87) Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88) Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89) Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90) Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91) Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92) Benzo(g,h,i)perylene	30.232	276	851248	42.492	ng	100

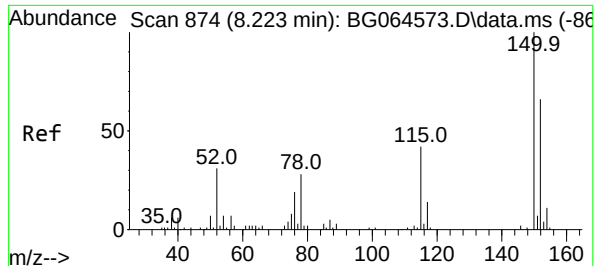
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

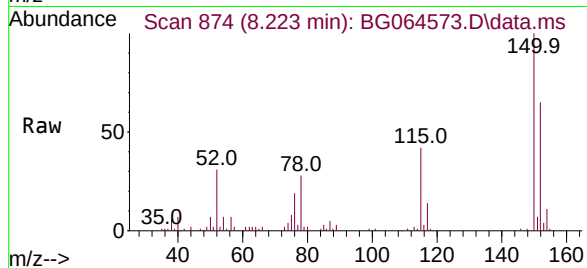
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

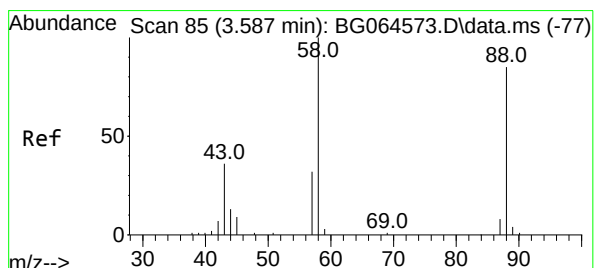
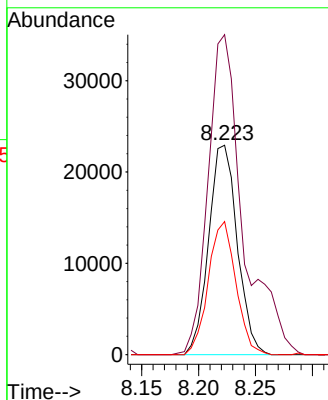
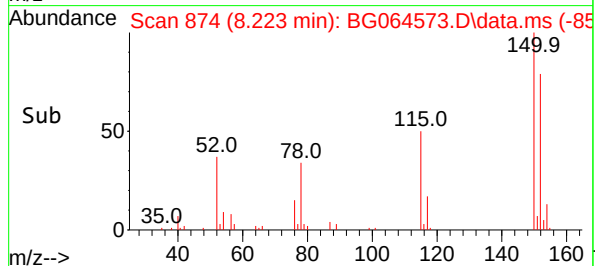
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 40195
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.4
115 63.5 50.8 76.2

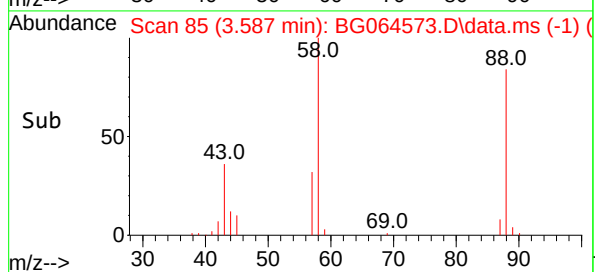
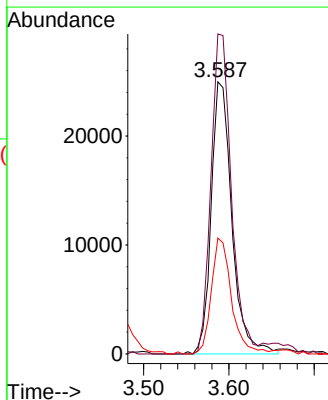
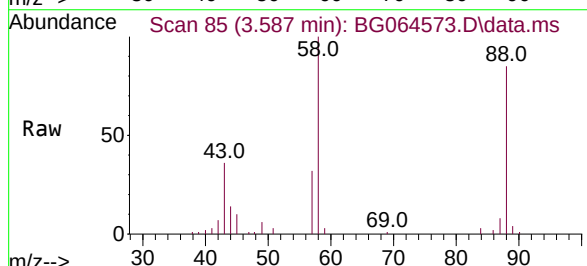
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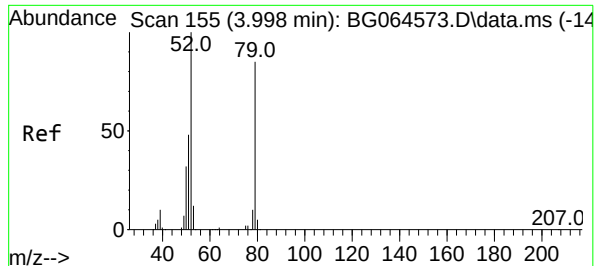
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 39.818 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

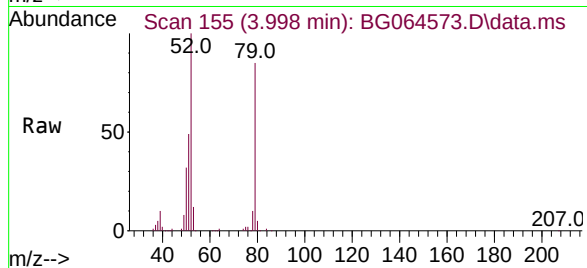
Tgt Ion: 88 Resp: 42215
Ion Ratio Lower Upper
88 100
58 115.5 92.4 138.6
43 41.3 33.0 49.6





#3
Pyridine
Concen: 42.136 ng
RT: 3.998 min Scan# 155
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

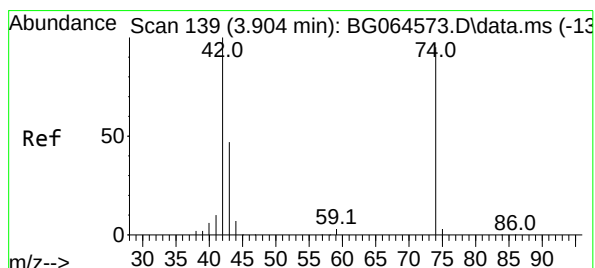
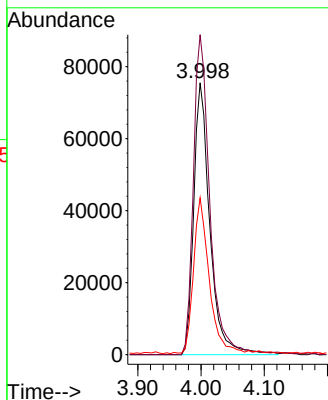
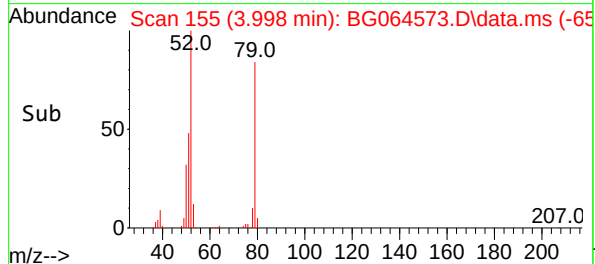
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 134153
Ion Ratio Lower Upper
79 100
52 117.7 94.2 141.2
51 57.6 46.1 69.1

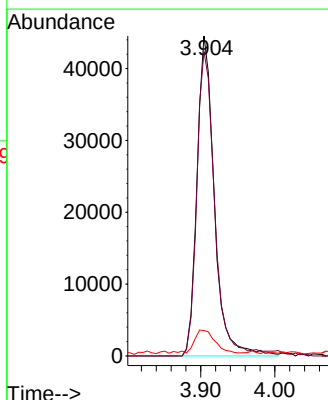
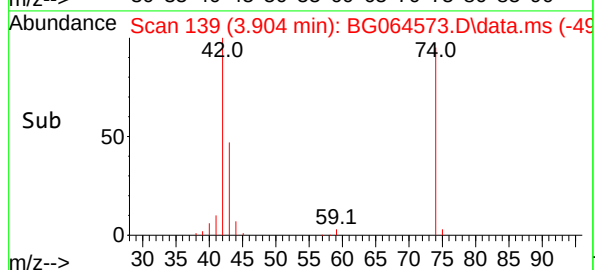
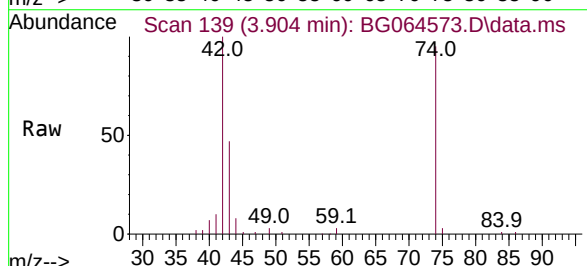
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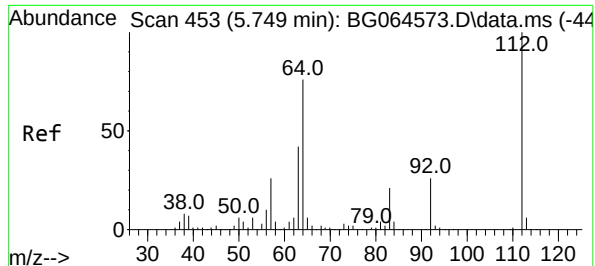
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 42.385 ng
RT: 3.904 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 42 Resp: 72367
Ion Ratio Lower Upper
42 100
74 95.1 76.1 114.1
44 7.9 6.3 9.5





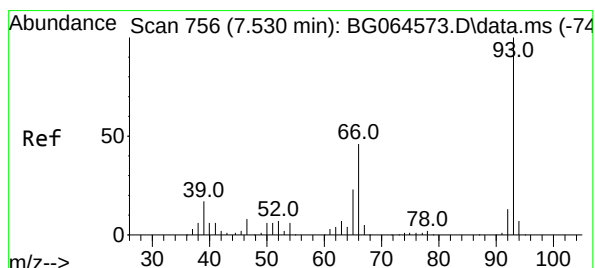
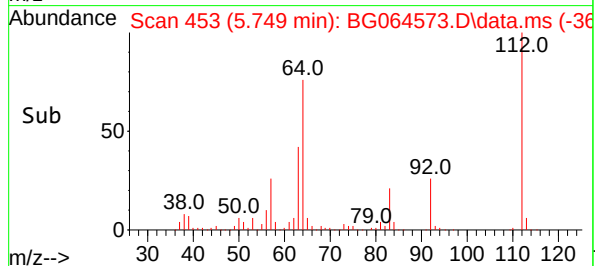
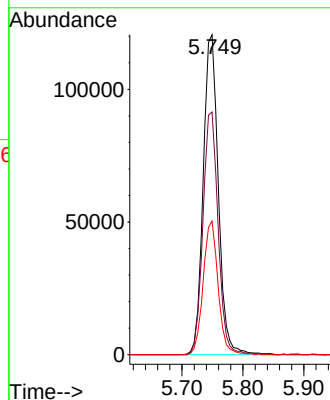
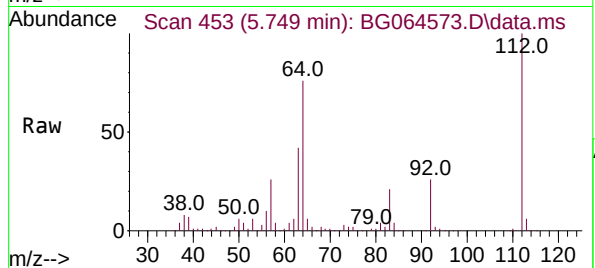
#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 20780
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 41.7 33.4 50.0

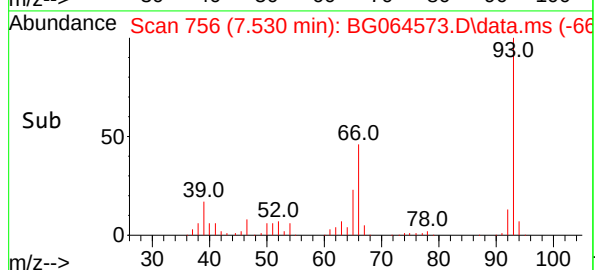
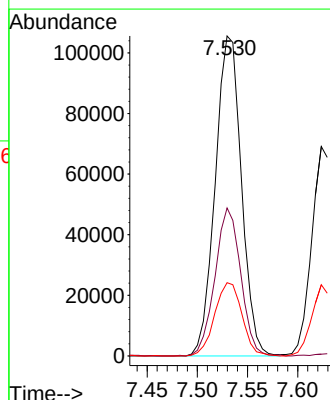
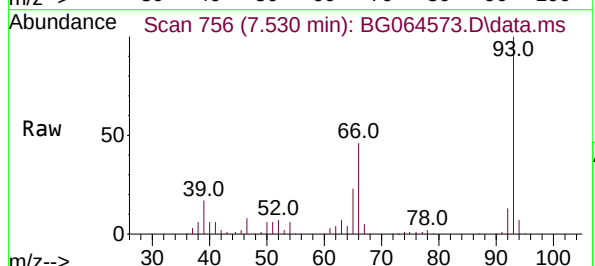
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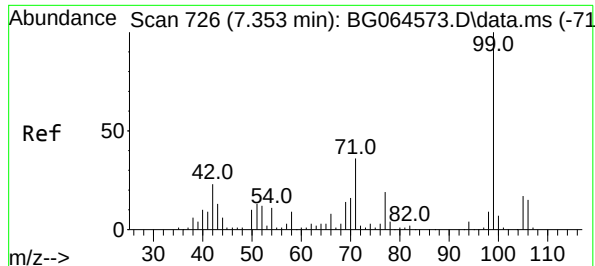
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 191799
Ion Ratio Lower Upper
93 100
66 46.3 37.0 55.6
65 22.9 18.3 27.5





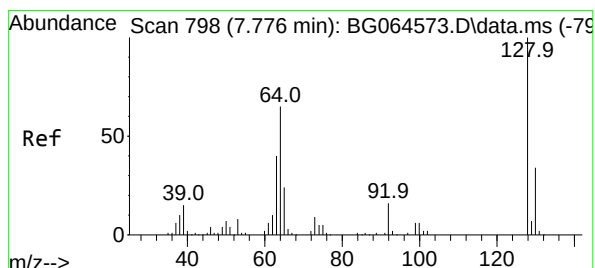
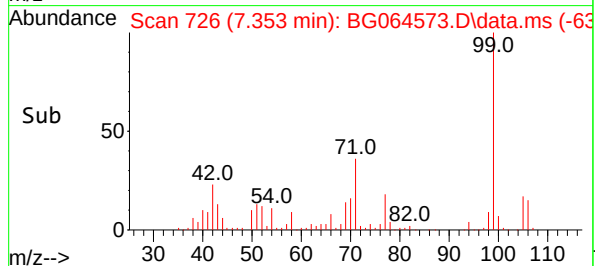
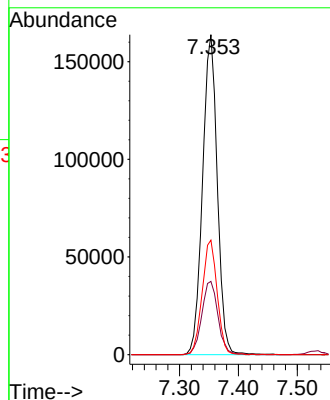
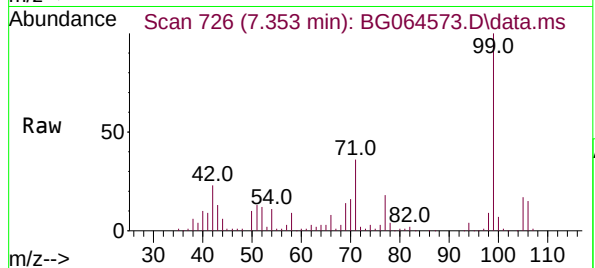
#7
Phenol-d6
Concen: 86.638 ng
RT: 7.353 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 284694
Ion Ratio Lower Upper
99 100
42 22.9 18.3 27.5
71 35.8 28.6 43.0

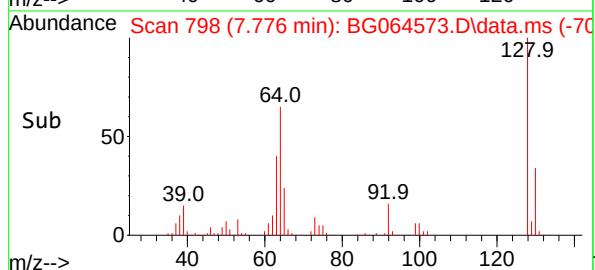
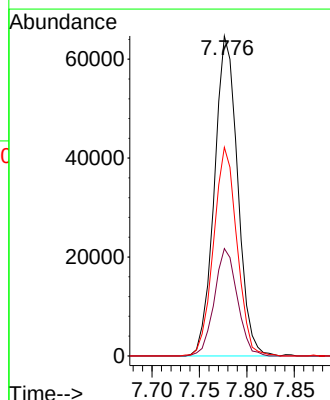
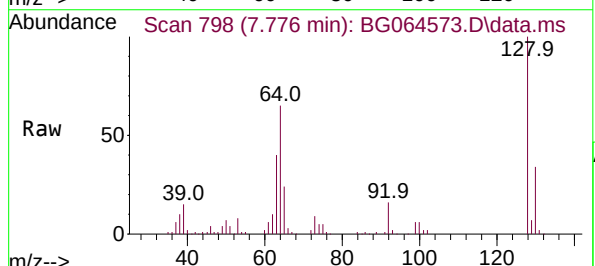
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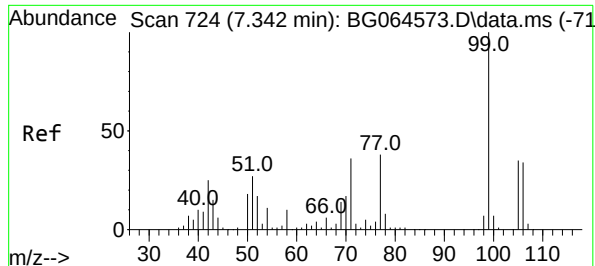
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 44.051 ng
RT: 7.776 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

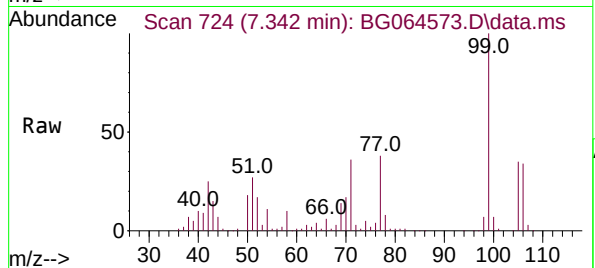
Tgt Ion:128 Resp: 110414
Ion Ratio Lower Upper
128 100
130 33.5 13.5 53.5
64 65.2 45.2 85.2





#9
Benzaldehyde
Concen: 42.117 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

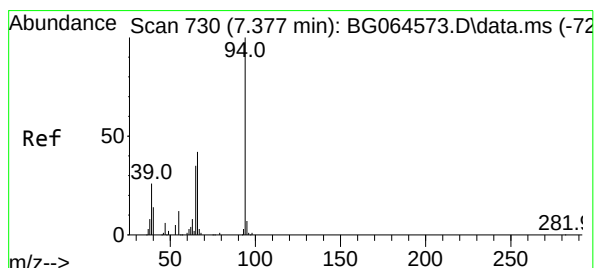
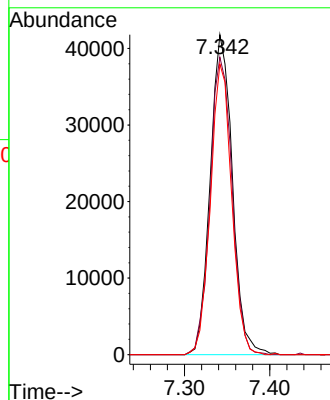
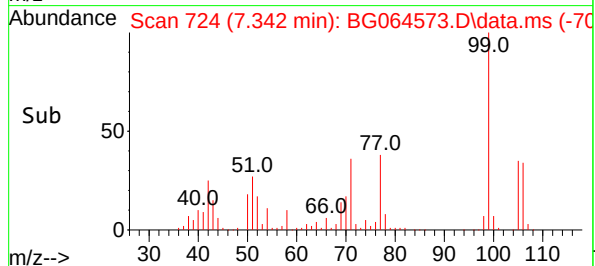
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 7555
Ion Ratio Lower Upper
77 100
105 92.9 72.9 112.9
106 90.8 70.8 110.8

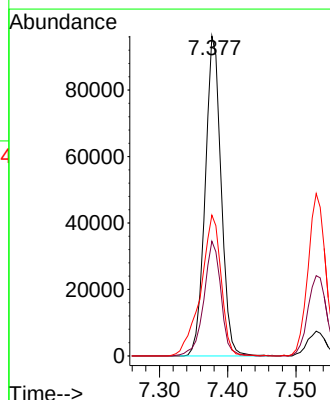
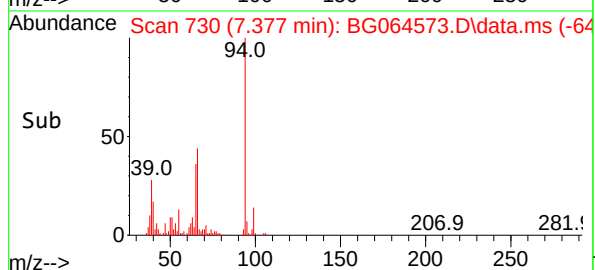
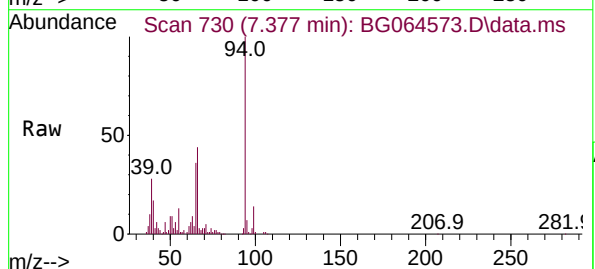
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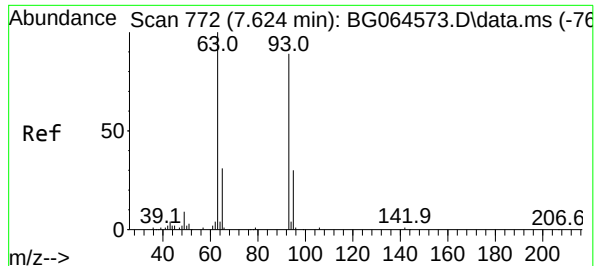
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 42.998 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 94 Resp: 156259
Ion Ratio Lower Upper
94 100
65 35.8 15.8 55.8
66 44.0 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 41.613 ng

RT: 7.624 min Scan# 71

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 111183

Ion Ratio Lower Upper

93 100

63 111.3 91.3 131.3

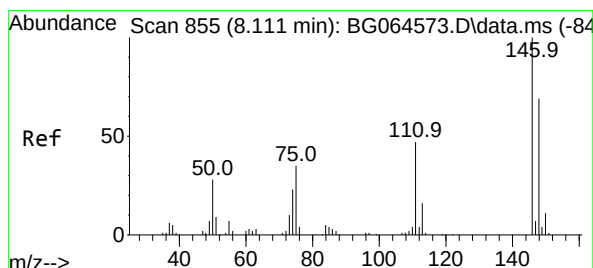
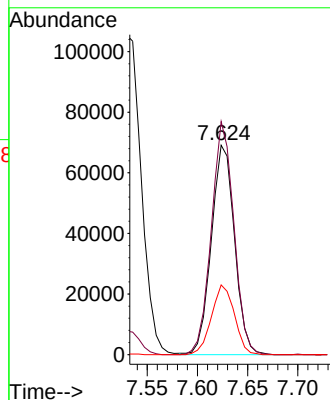
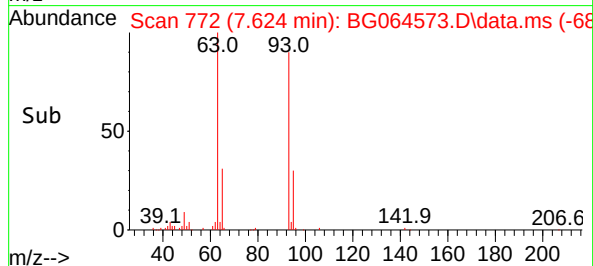
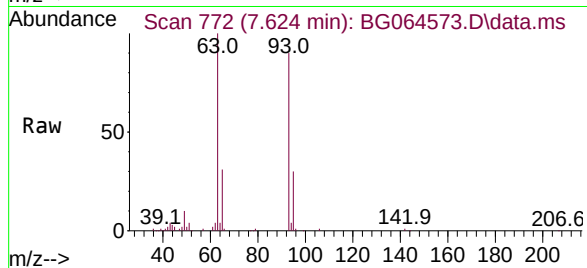
95 33.3 13.3 53.3

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#12

1,3-Dichlorobenzene

Concen: 42.367 ng

RT: 8.111 min Scan# 855

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

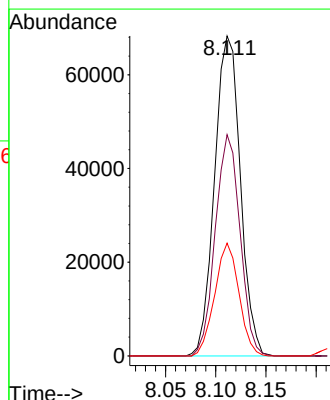
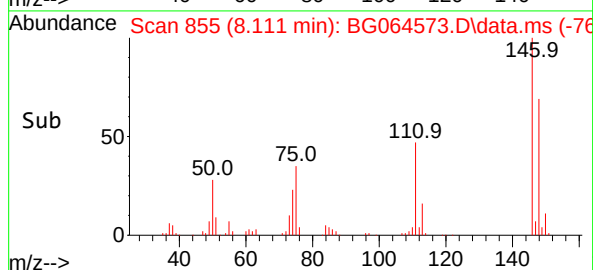
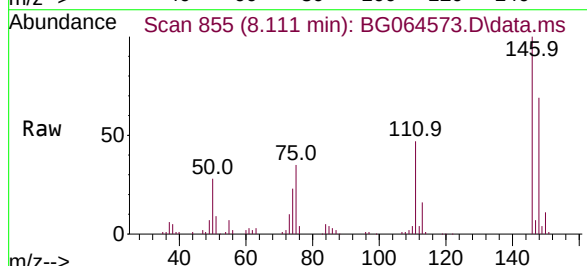
Tgt Ion:146 Resp: 122224

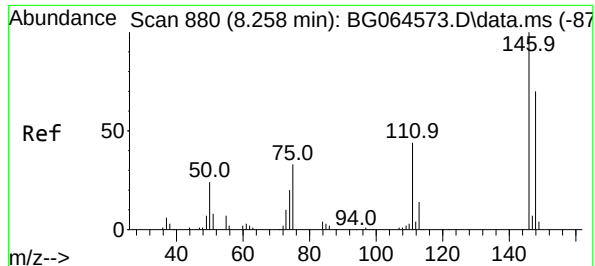
Ion Ratio Lower Upper

146 100

148 69.1 55.3 82.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.037 ng

RT: 8.258 min Scan# 880

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 123314

Ion Ratio Lower Upper

146 100

148 70.3 56.2 84.4

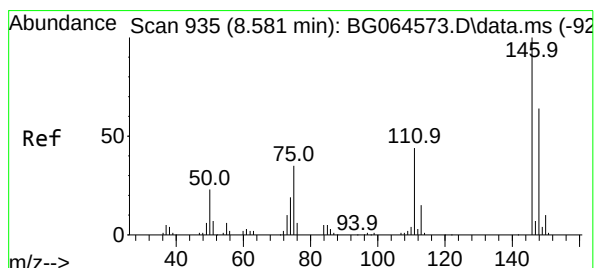
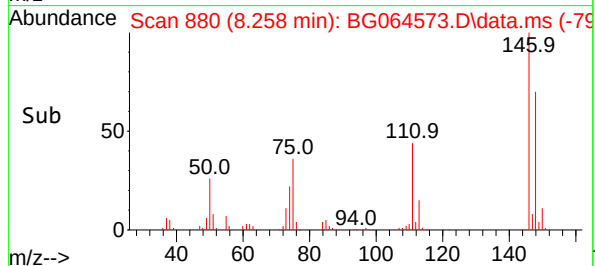
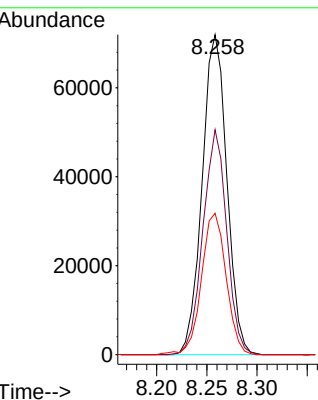
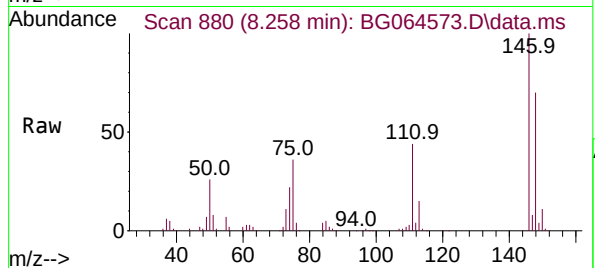
111 44.2 35.4 53.0

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Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 42.140 ng

RT: 8.581 min Scan# 935

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

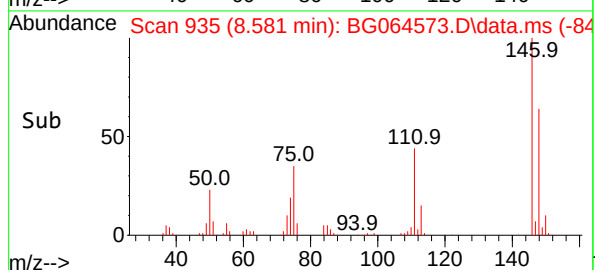
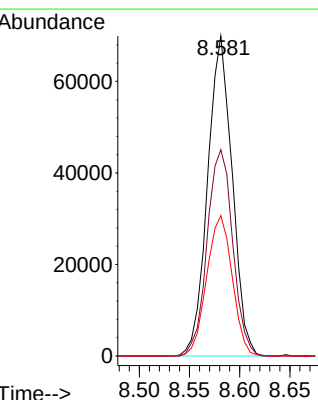
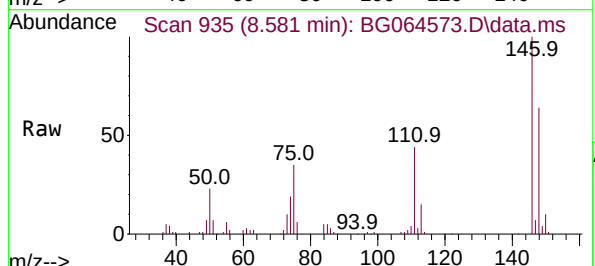
Tgt Ion:146 Resp: 119228

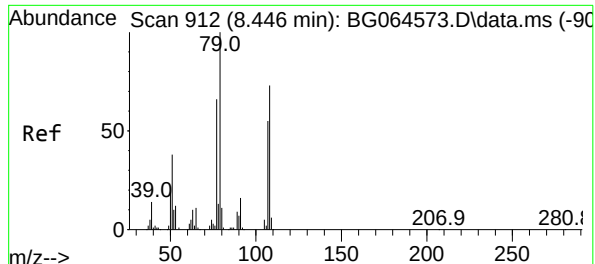
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 42.265 ng

RT: 8.446 min Scan# 912

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 114526

Ion Ratio Lower Upper

79 100

108 72.6 58.1 87.1

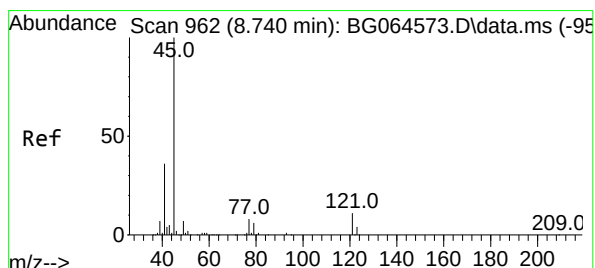
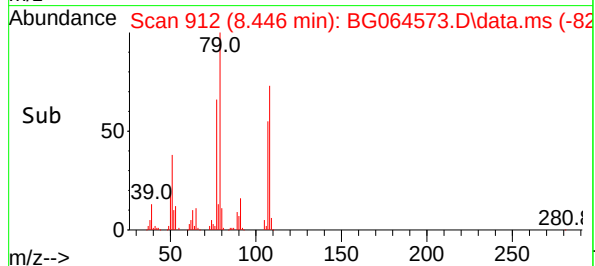
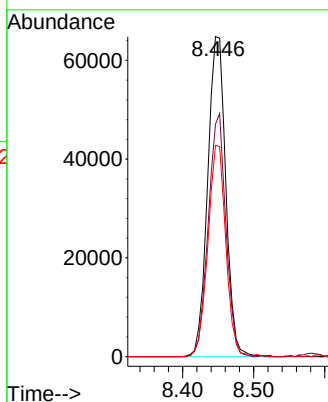
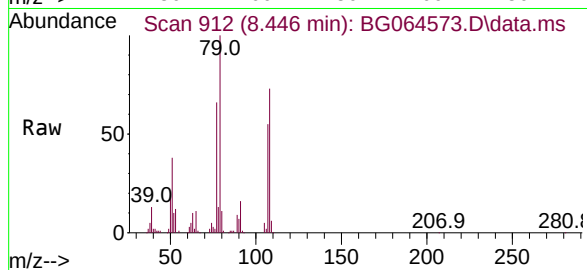
77 66.0 52.8 79.2

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Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.819 ng

RT: 8.740 min Scan# 962

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

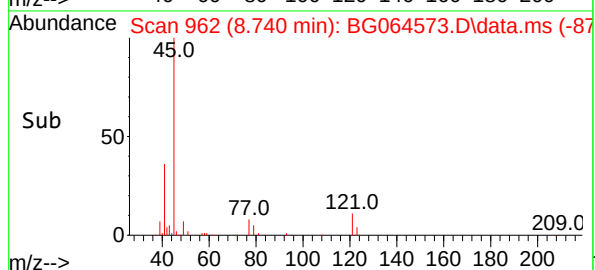
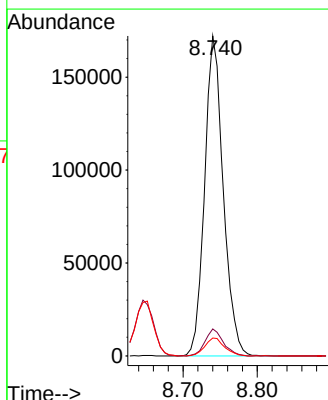
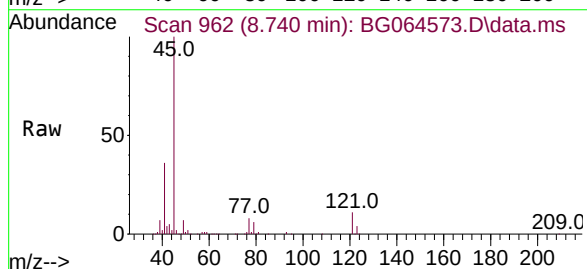
Tgt Ion: 45 Resp: 300095

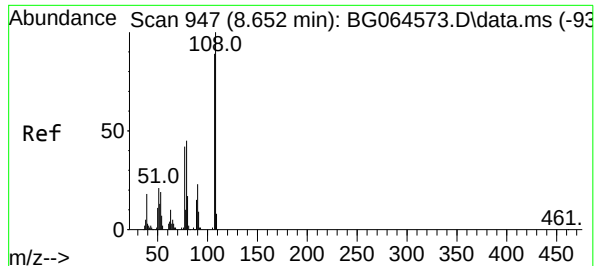
Ion Ratio Lower Upper

45 100

77 8.5 0.0 28.5

79 5.6 0.0 25.6





#17

2-Methylphenol

Concen: 42.405 ng

RT: 8.652 min Scan# 947

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 102315

Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 47.3 37.8 56.8

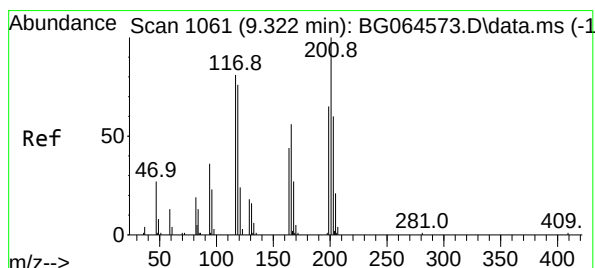
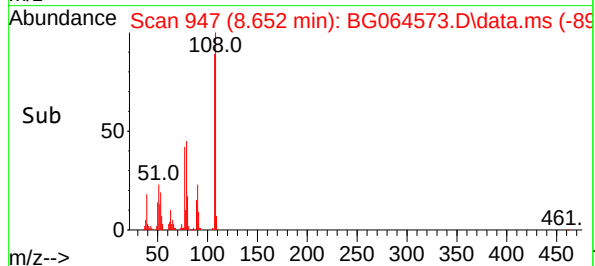
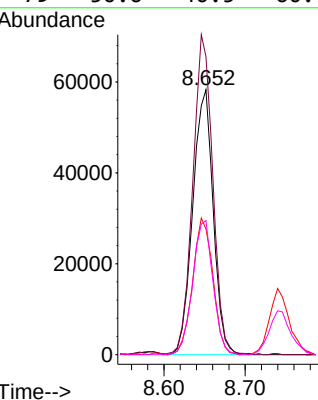
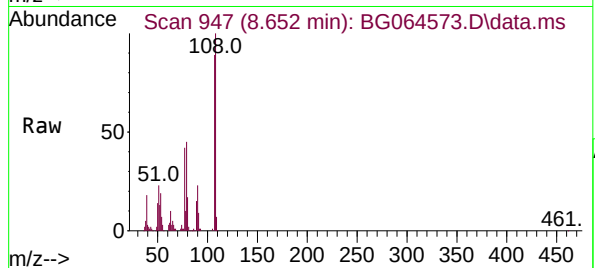
79 50.6 40.5 60.7

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Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 42.246 ng

RT: 9.322 min Scan# 1061

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

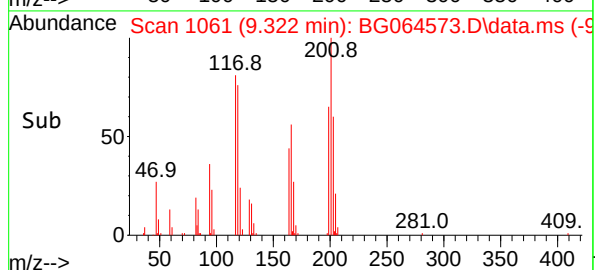
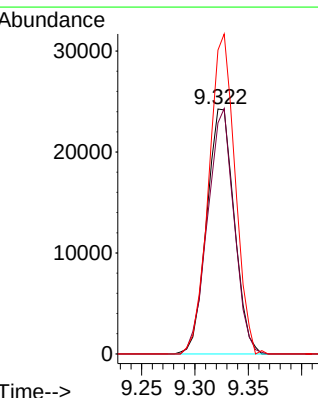
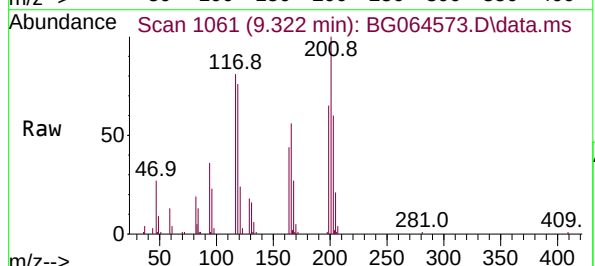
Tgt Ion:117 Resp: 43488

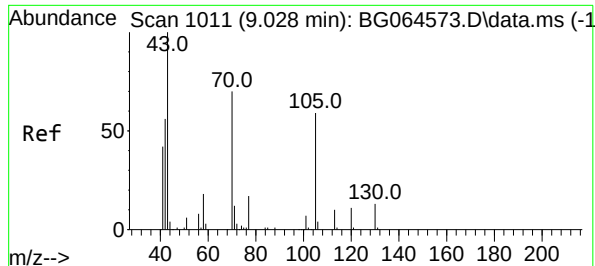
Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.2

201 124.0 99.2 148.8





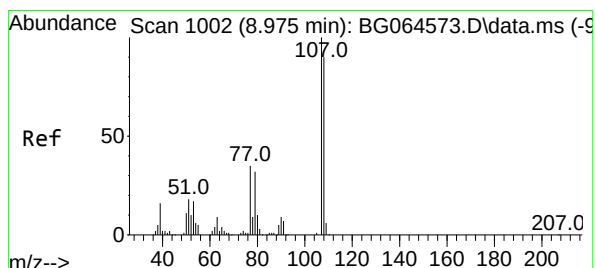
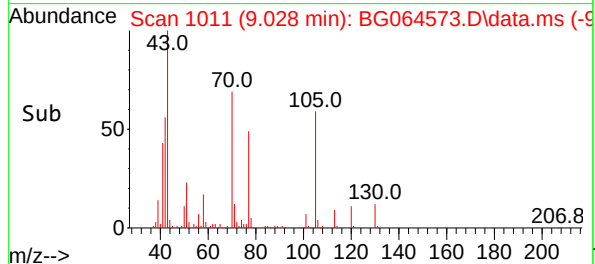
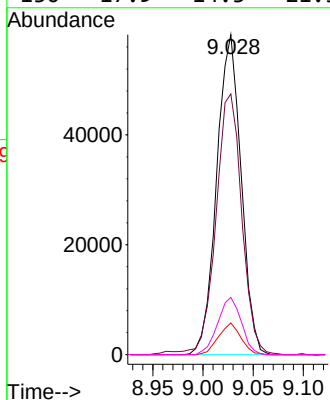
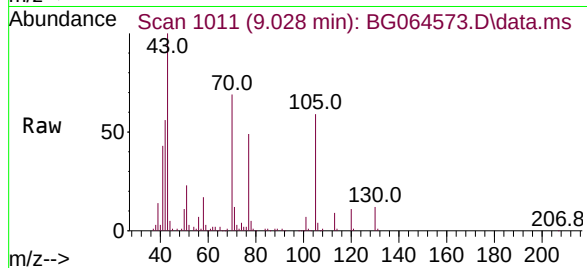
#19
n-Nitroso-di-n-propylamine
Concen: 43.438 ng
RT: 9.028 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 9864
Ion Ratio Lower Upper
70 100
42 81.5 65.2 97.8
101 9.9 7.9 11.9
130 17.9 14.3 21.5

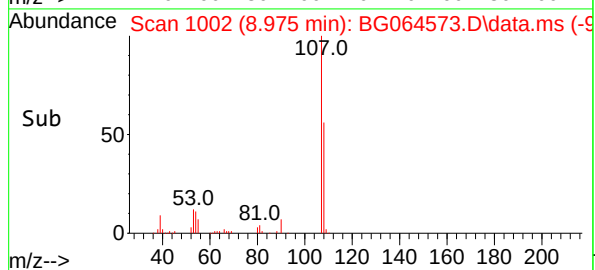
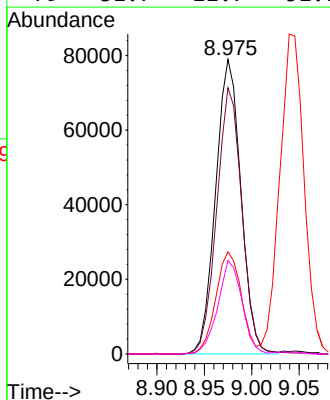
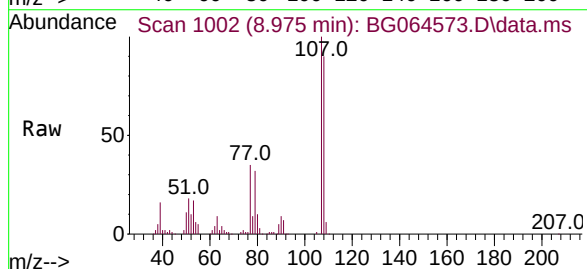
Manual Integrations
APPROVED

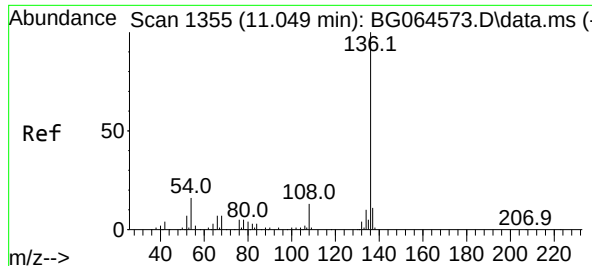
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#20
3+4-Methylphenols
Concen: 43.080 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

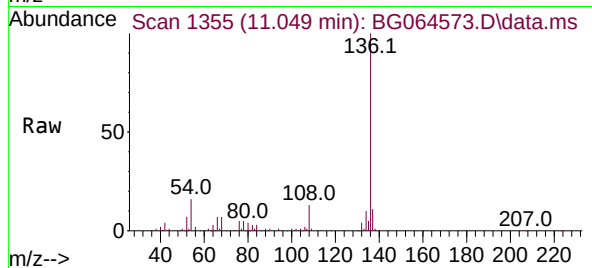
Tgt Ion:107 Resp: 146177
Ion Ratio Lower Upper
107 100
108 90.3 70.3 110.3
77 34.6 14.6 54.6
79 31.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

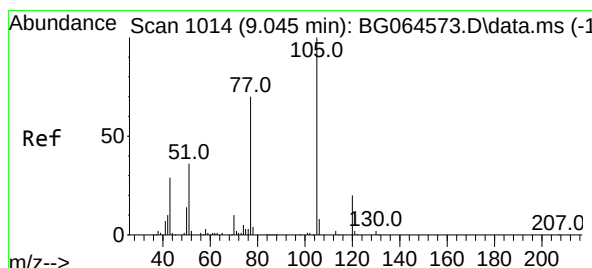
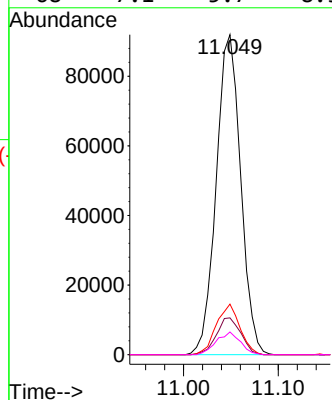
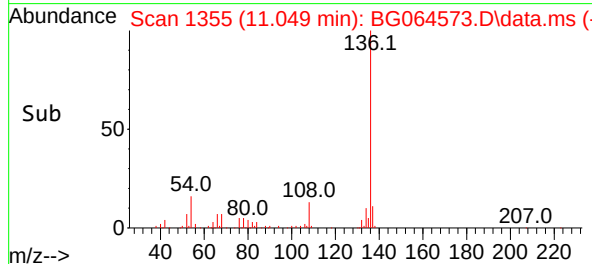
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 164795
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 15.8 12.6 19.0
68 7.1 5.7 8.5

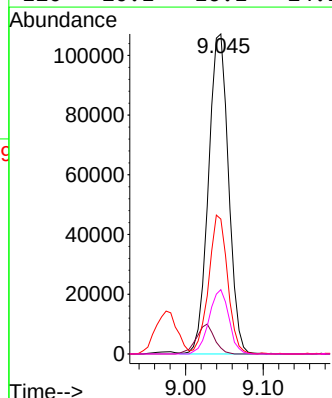
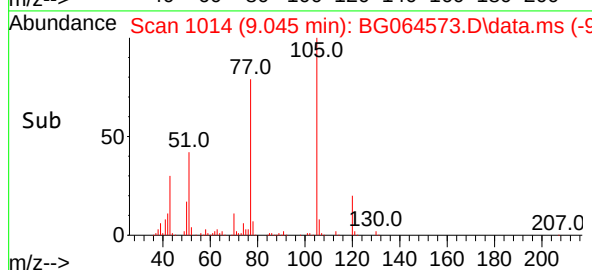
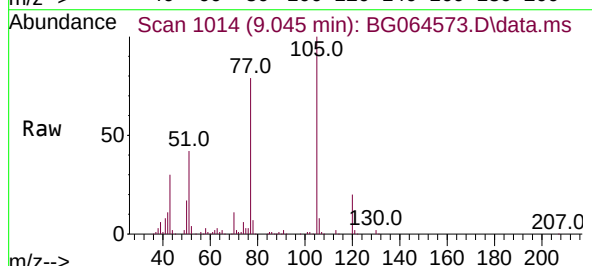
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APPROVED

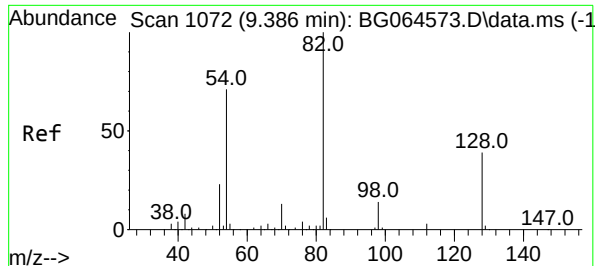
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 42.750 ng
RT: 9.045 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:105 Resp: 192583
Ion Ratio Lower Upper
105 100
71 1.9 1.5 2.3
51 42.1 33.7 50.5
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 90.513 ng

RT: 9.386 min Scan# 1072

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 24834

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

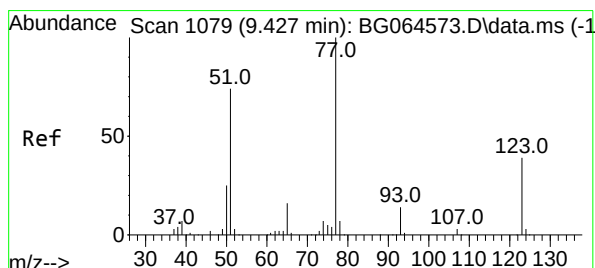
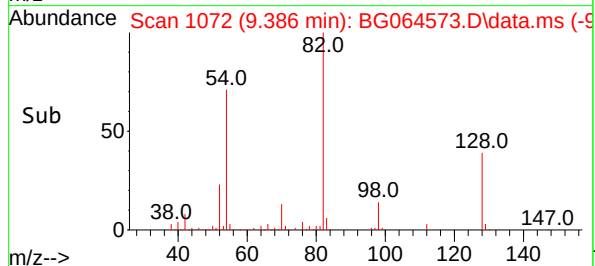
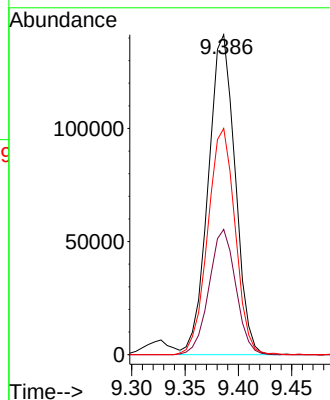
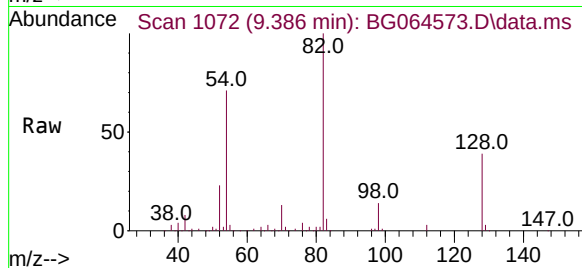
54 70.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 45.274 ng

RT: 9.427 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

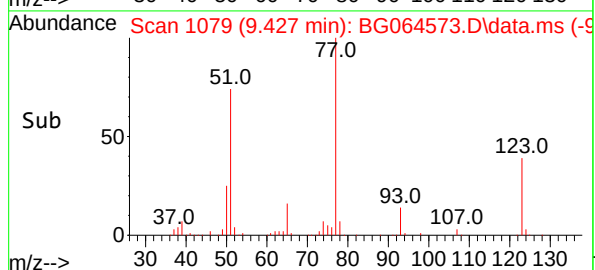
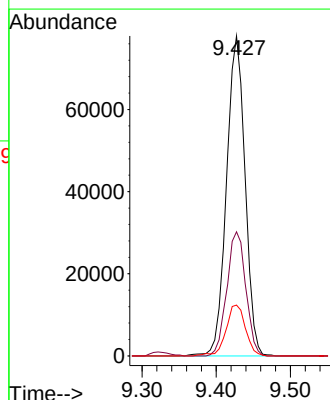
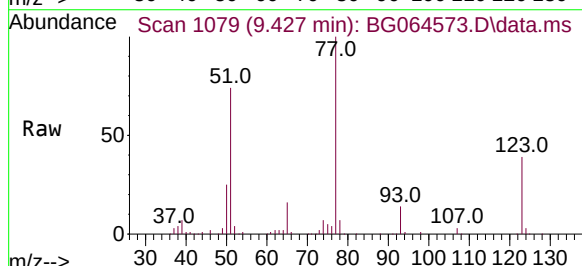
Tgt Ion: 77 Resp: 135107

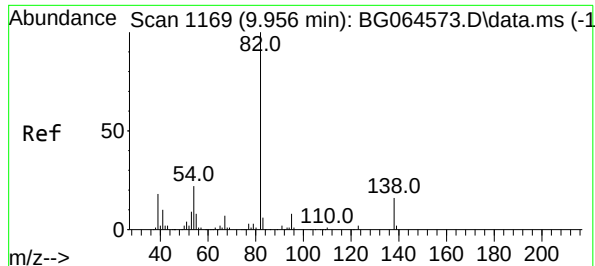
Ion Ratio Lower Upper

77 100

123 38.8 31.0 46.6

65 15.9 12.7 19.1





#25

Isophorone

Concen: 43.507 ng

RT: 9.956 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

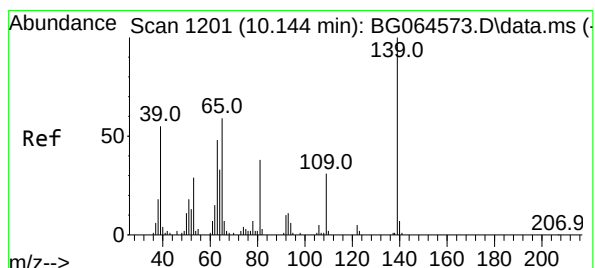
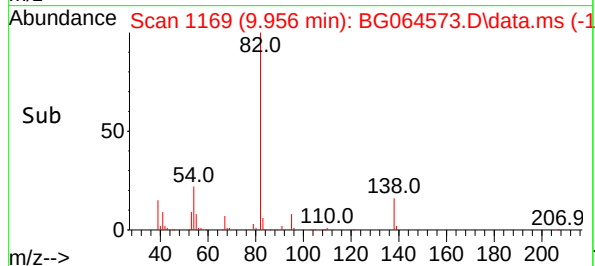
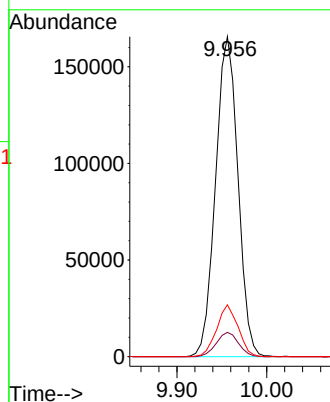
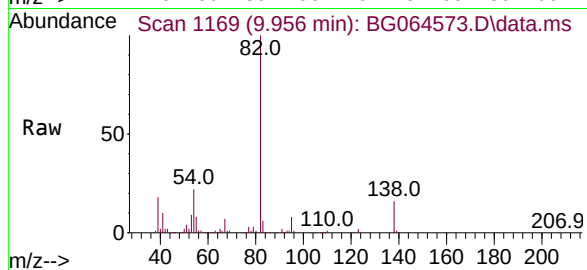
Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:	82	Resp:	286439
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.1	9.1
138	16.2	13.0	19.4

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#26

2-Nitrophenol

Concen: 39.772 ng

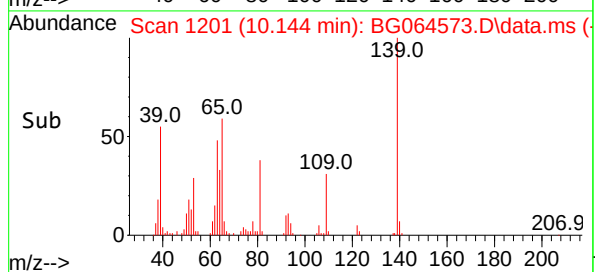
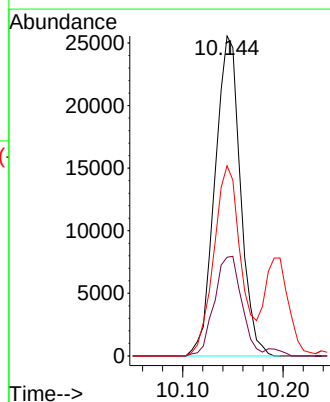
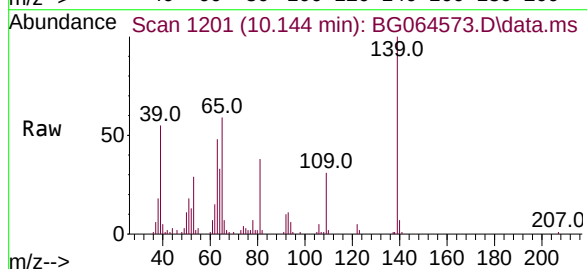
RT: 10.144 min Scan# 1201

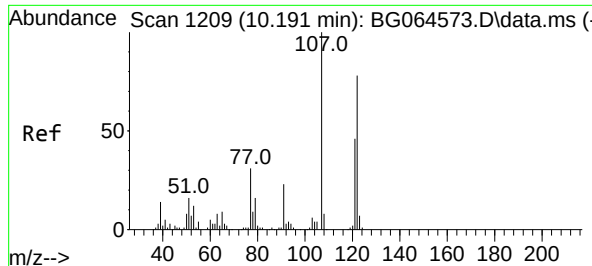
Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:	139	Resp:	45134
Ion Ratio	Lower	Upper	
139	100		
109	30.8	24.6	37.0
65	59.4	47.5	71.3





#27

2,4-Dimethylphenol

Concen: 45.129 ng

RT: 10.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 110518

Ion Ratio Lower Upper

122 100

107 128.7 103.0 154.4

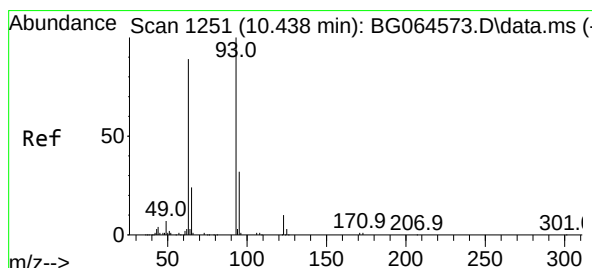
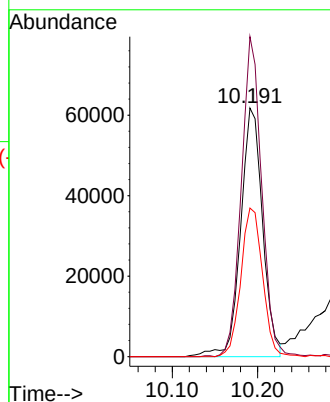
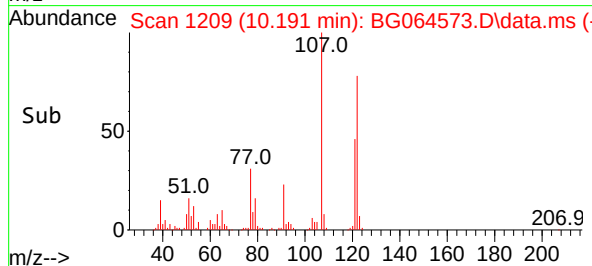
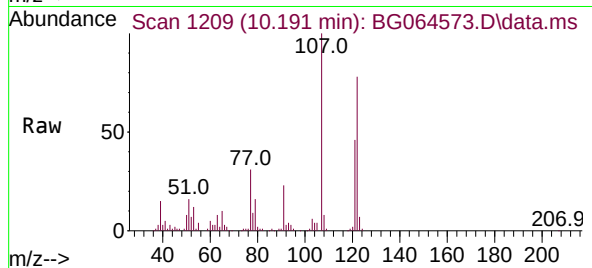
121 59.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.070 ng

RT: 10.438 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

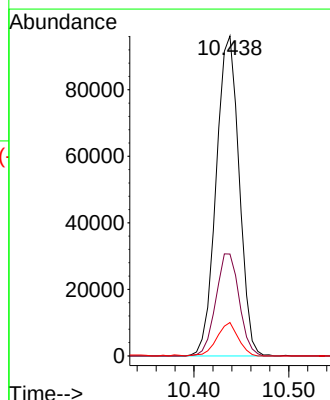
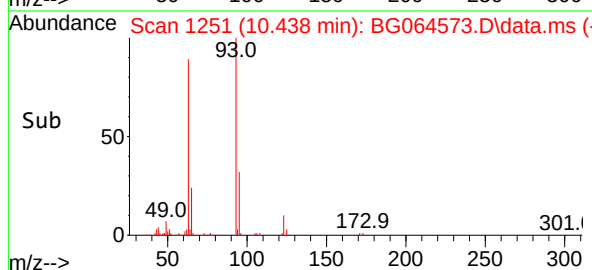
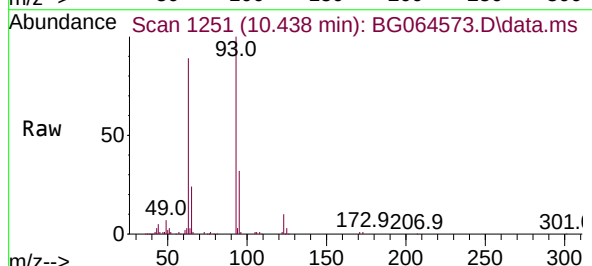
Tgt Ion: 93 Resp: 161449

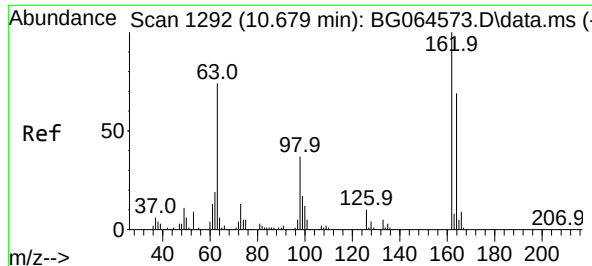
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 45.026 ng

RT: 10.679 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 118669

Ion Ratio Lower Upper

162 100

164 68.7 48.7 88.7

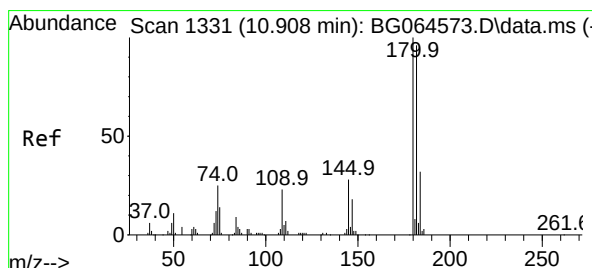
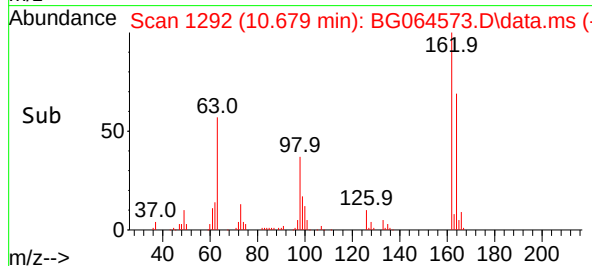
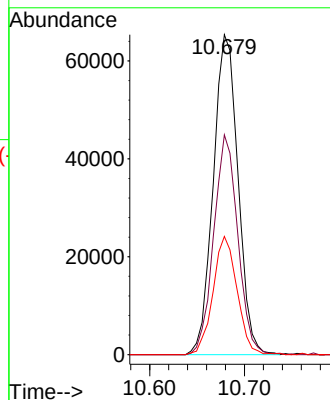
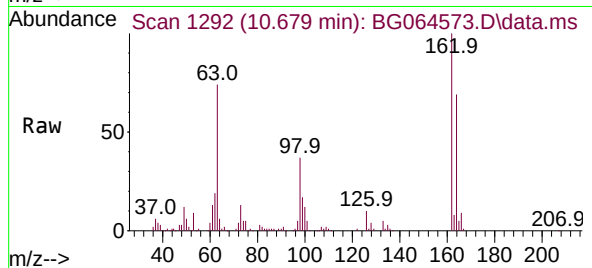
98 36.9 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.046 ng

RT: 10.908 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

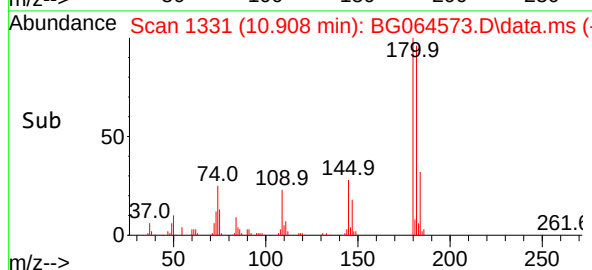
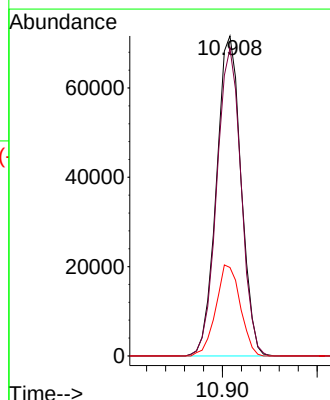
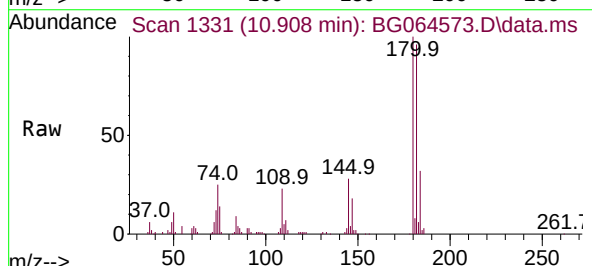
Tgt Ion:180 Resp: 128902

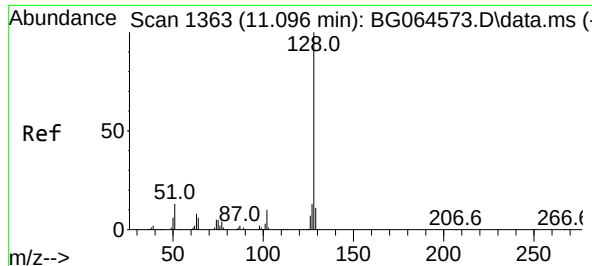
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

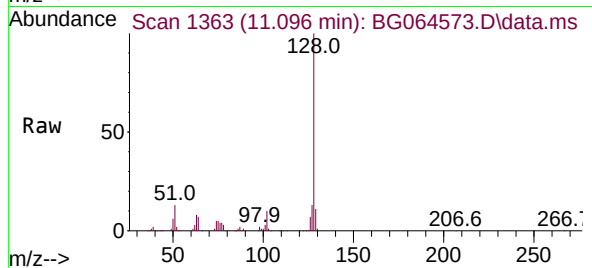
145 27.6 22.1 33.1





#31
Naphthalene
Concen: 42.469 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

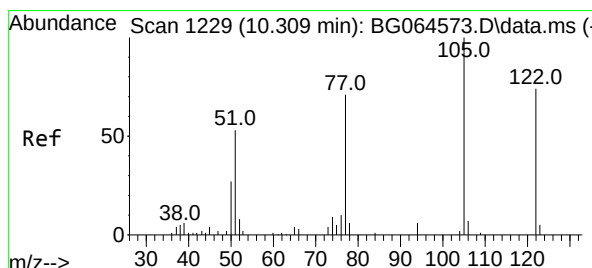
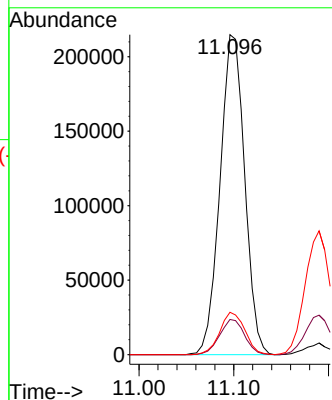
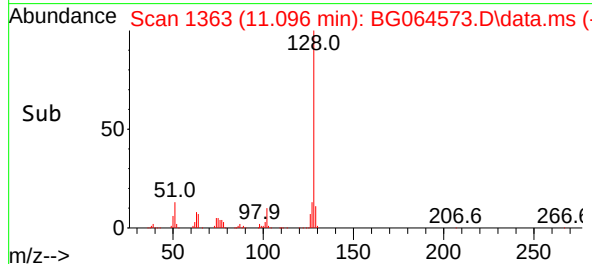
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 388032
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

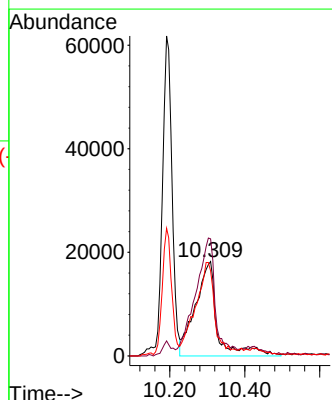
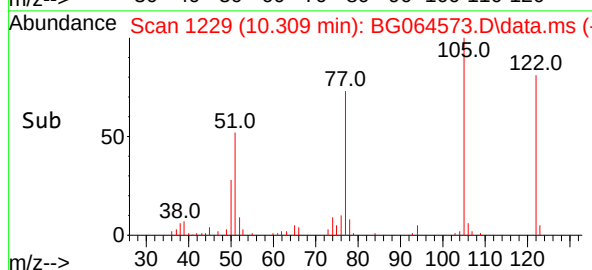
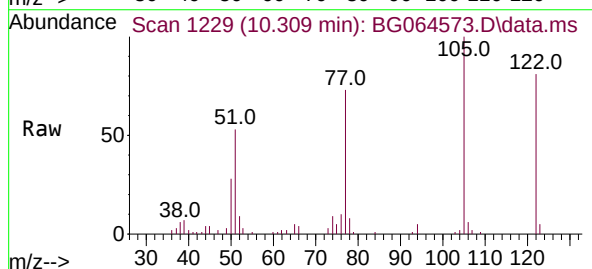
Manual Integrations
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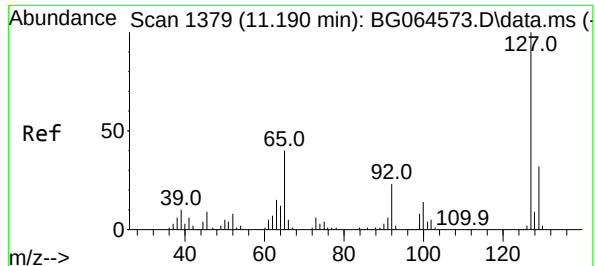
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 40.425 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

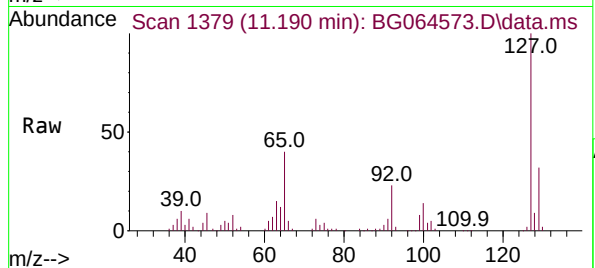
Tgt Ion:122 Resp: 73604
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 90.2 70.2 110.2





#33
4-Chloroaniline
Concen: 42.585 ng
RT: 11.190 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

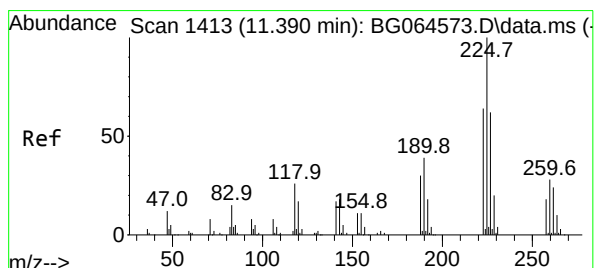
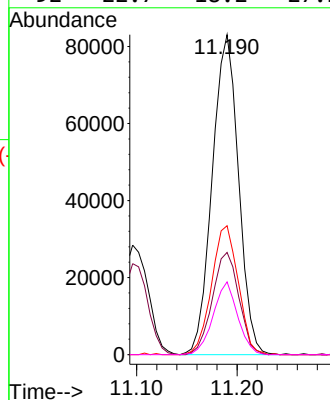
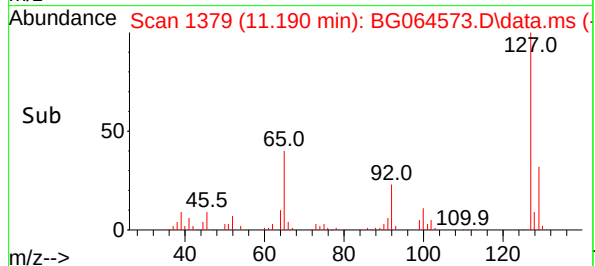
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



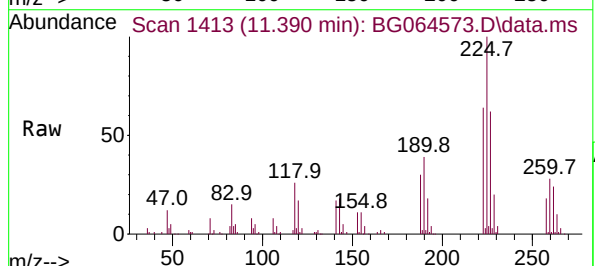
Tgt Ion:127 Resp: 151231
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 40.3 32.2 48.4
92 22.7 18.2 27.2

Manual Integrations
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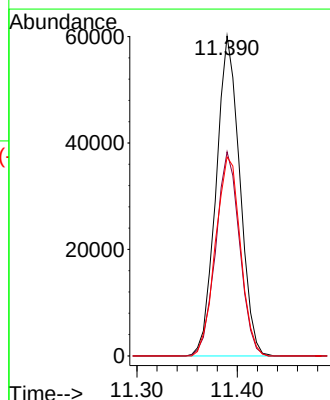
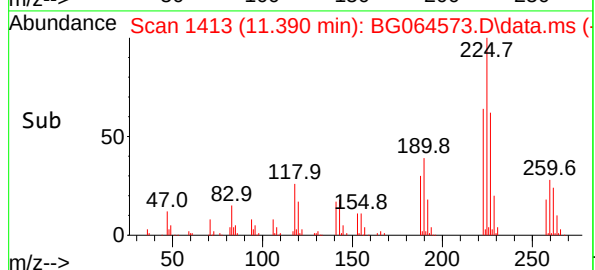
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

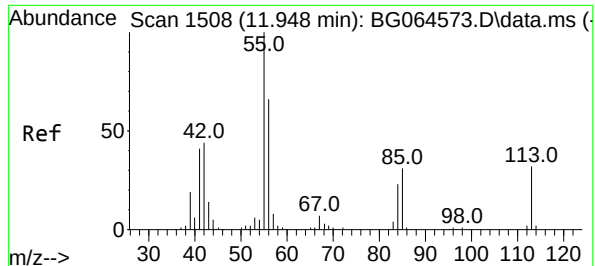


#34
Hexachlorobutadiene
Concen: 42.139 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



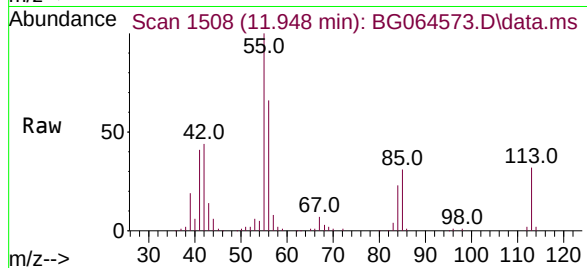
Tgt Ion:225 Resp: 98683
Ion Ratio Lower Upper
225 100
223 61.0 48.8 73.2
227 61.9 49.5 74.3





#35
Caprolactam
Concen: 43.731 ng
RT: 11.948 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

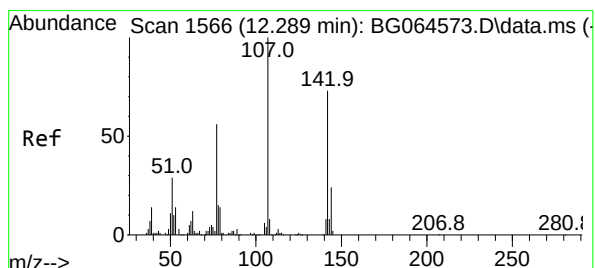
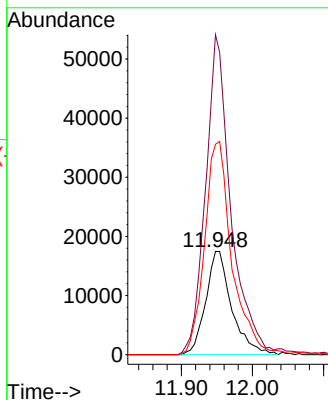
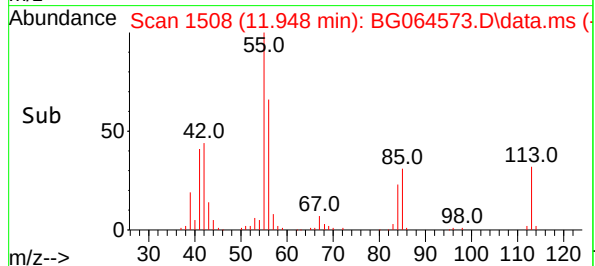
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 44205
Ion Ratio Lower Upper
113 100
55 310.1 290.1 330.1
56 203.8 183.8 223.8

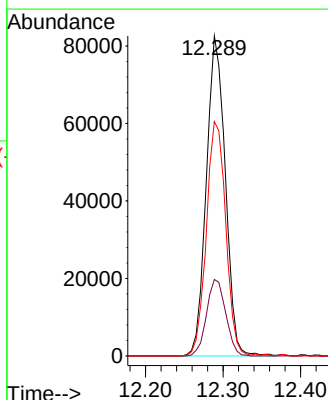
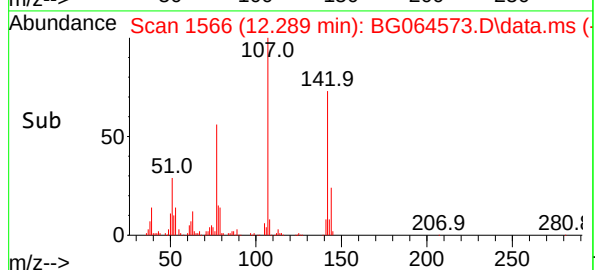
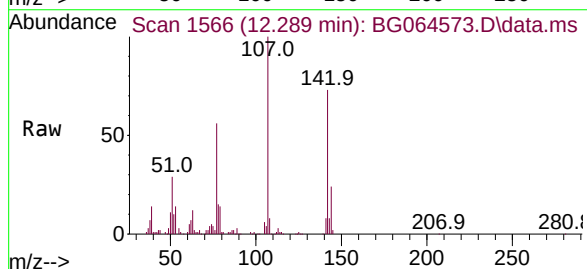
Manual Integrations
APPROVED

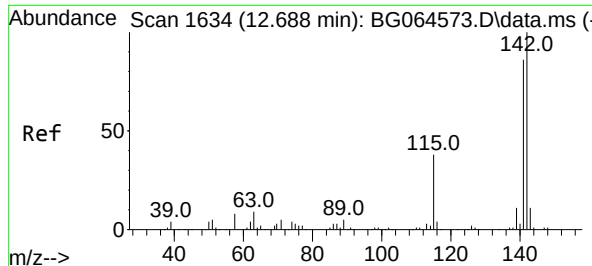
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

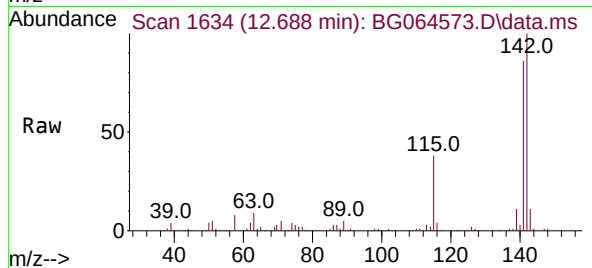
Tgt Ion:107 Resp: 140272
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 73.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 42.499 ng
RT: 12.688 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

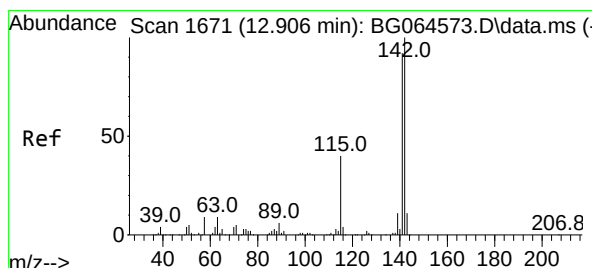
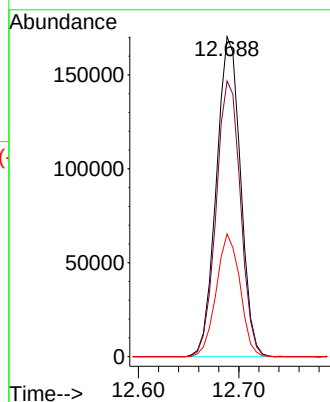
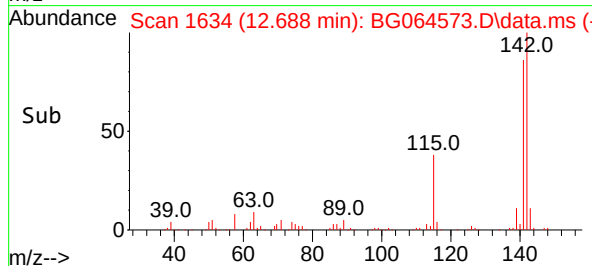
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



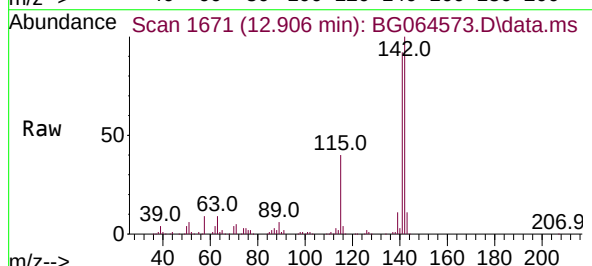
Tgt Ion:142 Resp: 285089
Ion Ratio Lower Upper
142 100
141 86.1 68.9 103.3
115 38.3 30.6 46.0

Manual Integrations
APPROVED

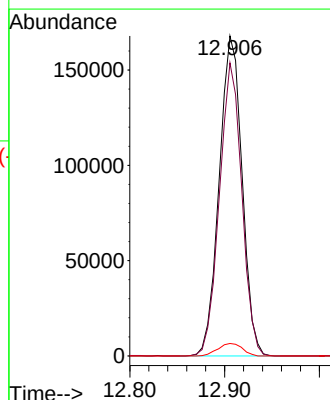
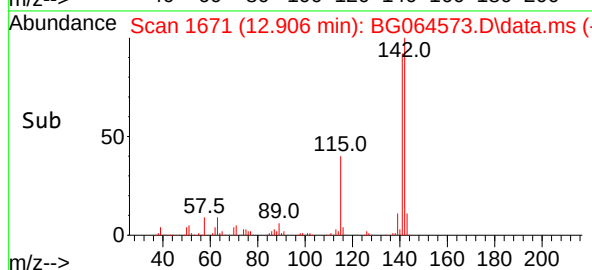
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

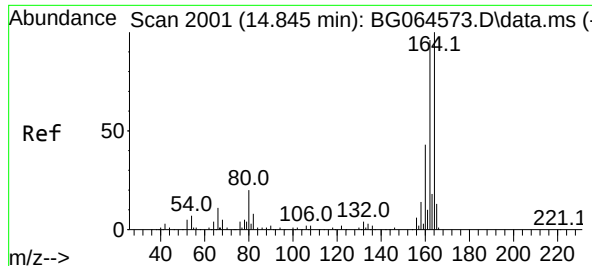


#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



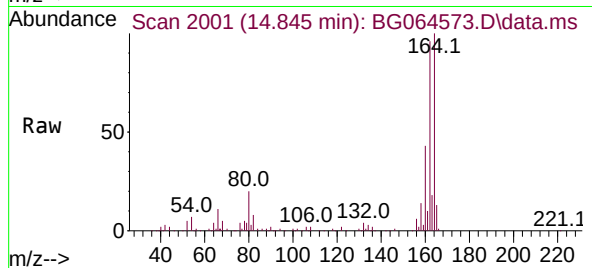
Tgt Ion:142 Resp: 281256
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

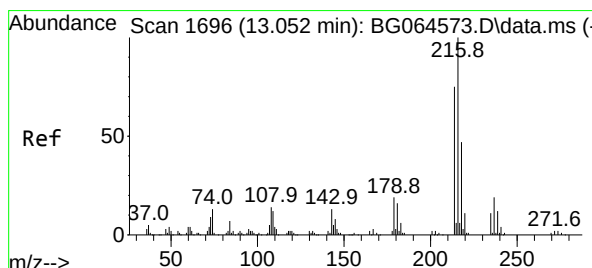
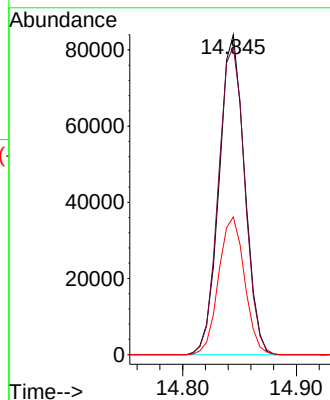
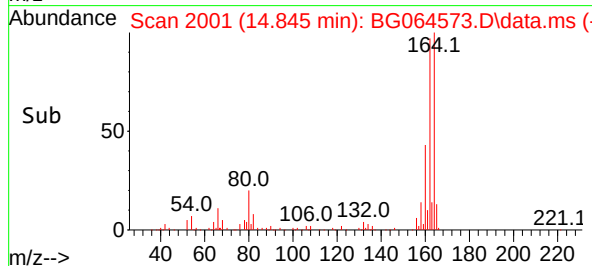
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



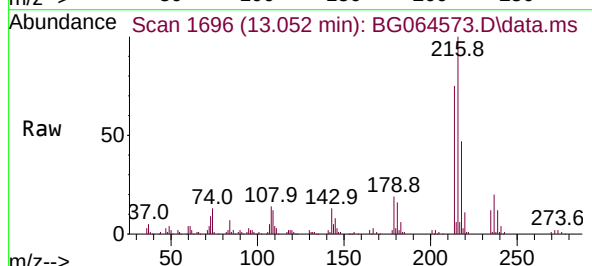
Tgt Ion:164 Resp: 130542
Ion Ratio Lower Upper
164 100
162 96.3 77.0 115.6
160 43.0 34.4 51.6

Manual Integrations
APPROVED

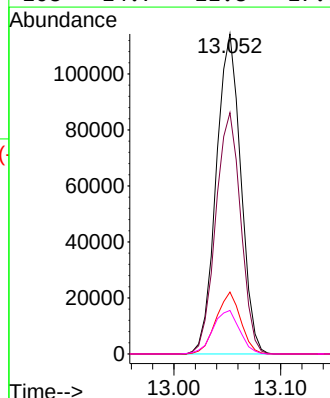
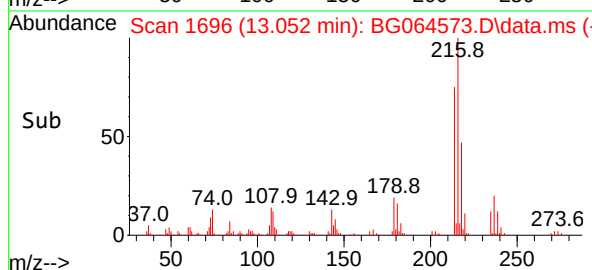
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

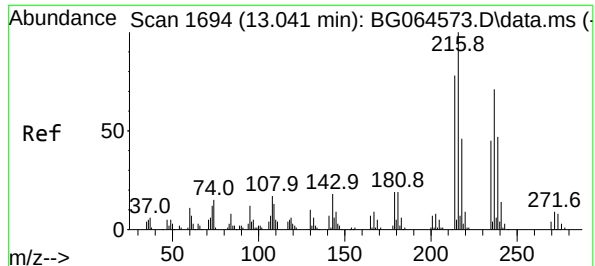


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 13.052 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



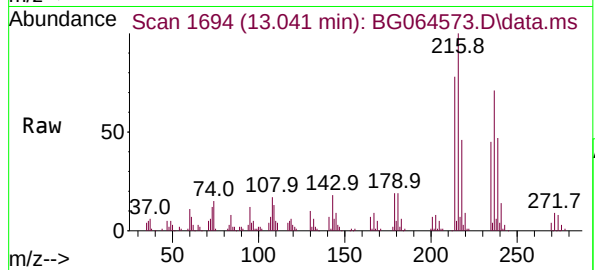
Tgt Ion:216 Resp: 183376
Ion Ratio Lower Upper
216 100
214 76.8 61.4 92.2
179 19.2 15.4 23.0
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 13.041 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

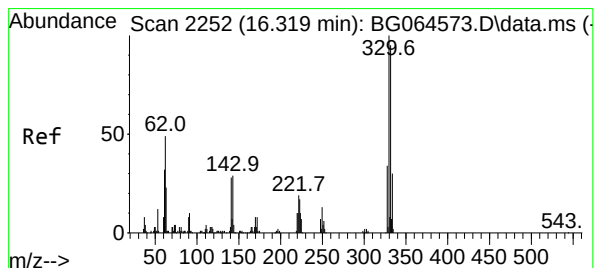
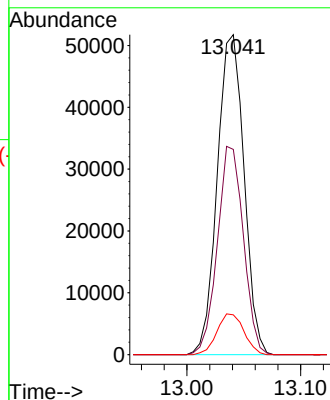
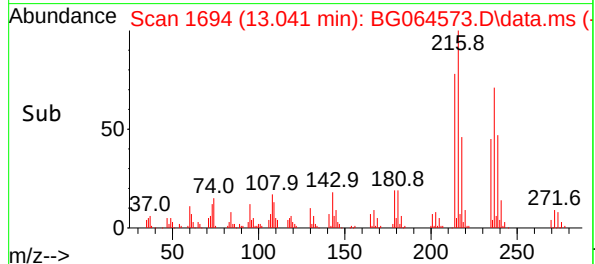
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:237 Resp: 84505
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 12.4 0.0 32.4

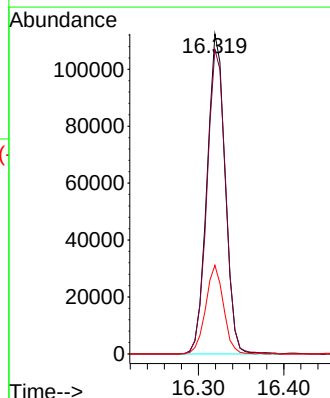
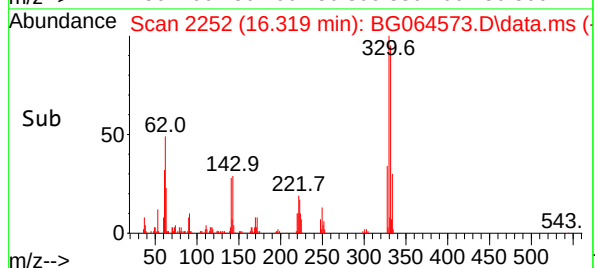
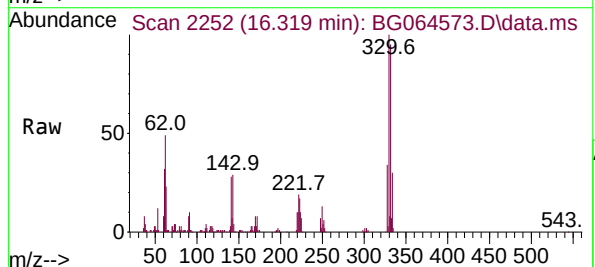
Manual Integrations
APPROVED

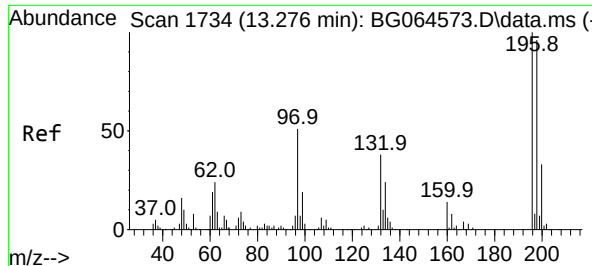
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:330 Resp: 165976
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.2 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 44.097 ng

RT: 13.276 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 110509

Ion Ratio Lower Upper

196 100

198 95.8 76.6 115.0

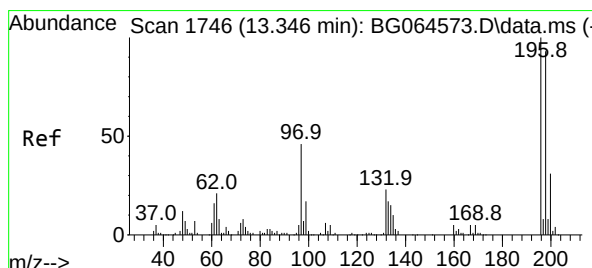
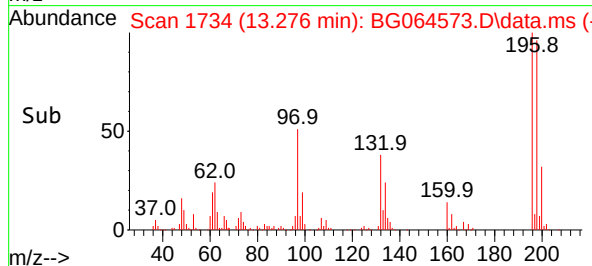
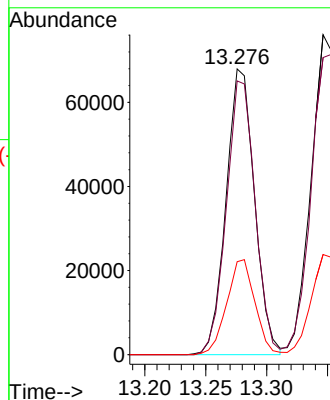
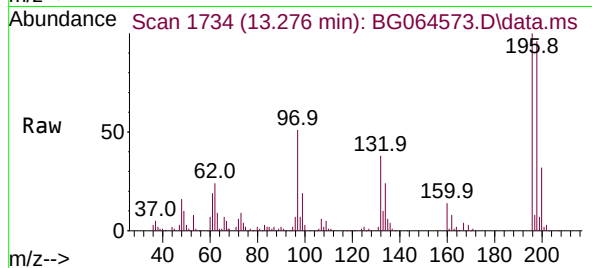
200 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#44

2,4,5-Trichlorophenol

Concen: 43.694 ng

RT: 13.346 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:196 Resp: 126360

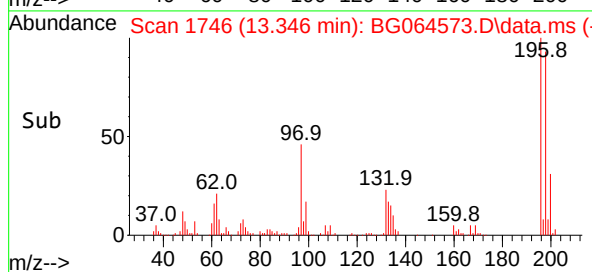
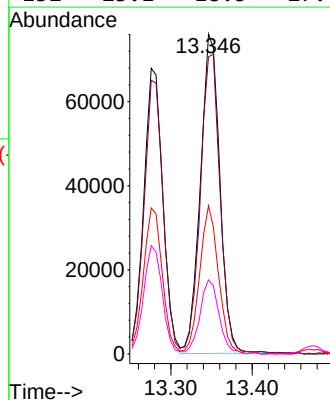
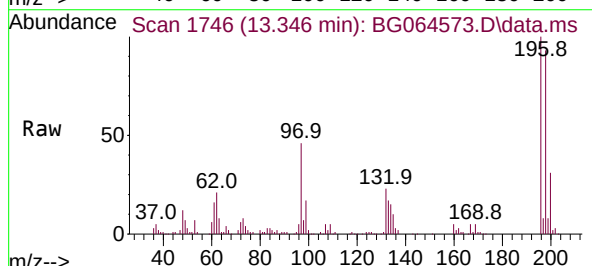
Ion Ratio Lower Upper

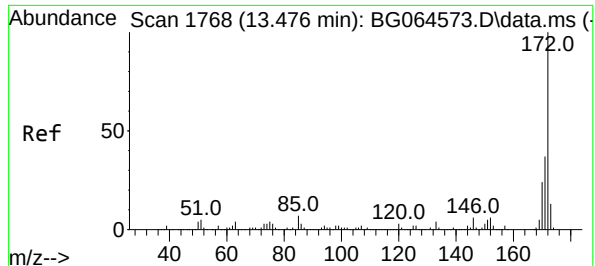
196 100

198 92.8 74.2 111.4

97 46.3 37.0 55.6

132 23.1 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 83.888 ng

RT: 13.476 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BG064573.D

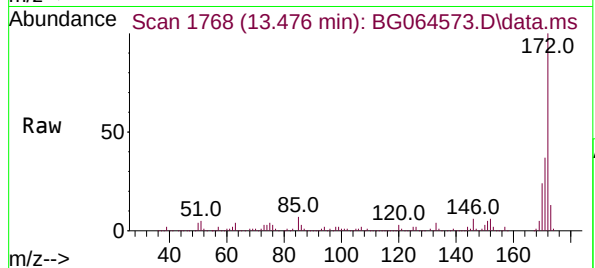
Acq: 24 Oct 2025 13:03

Instrument :

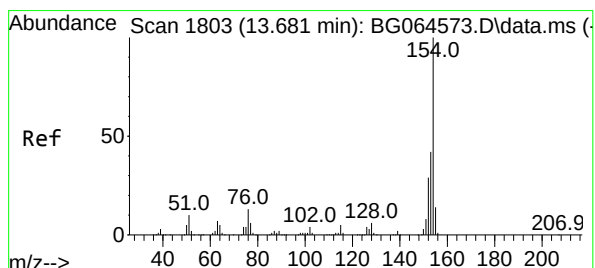
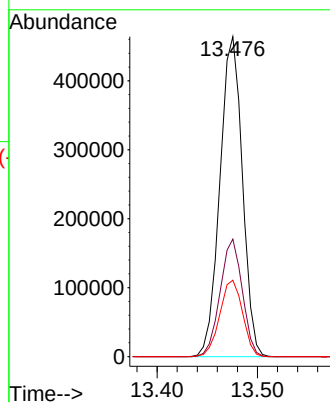
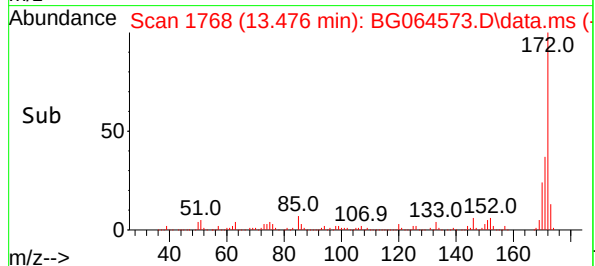
BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:	172	Resp:	722472
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	23.9	19.1	28.7

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#46

1,1'-Biphenyl

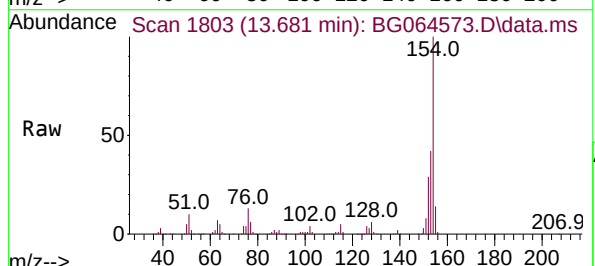
Concen: 41.885 ng

RT: 13.681 min Scan# 1803

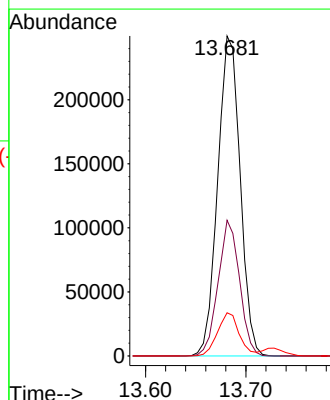
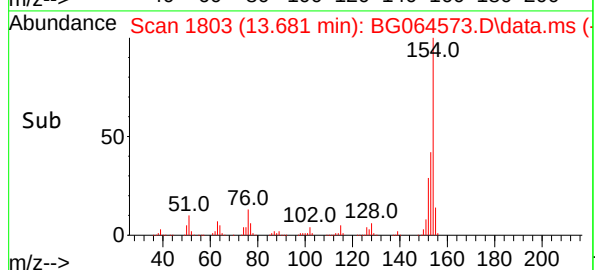
Delta R.T. 0.000 min

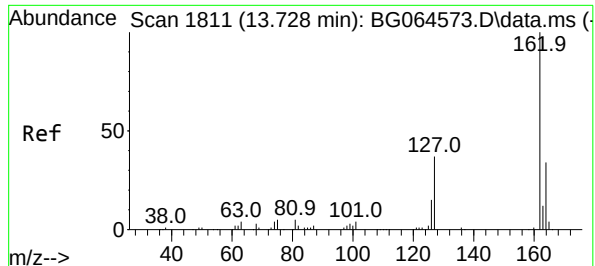
Lab File: BG064573.D

Acq: 24 Oct 2025 13:03



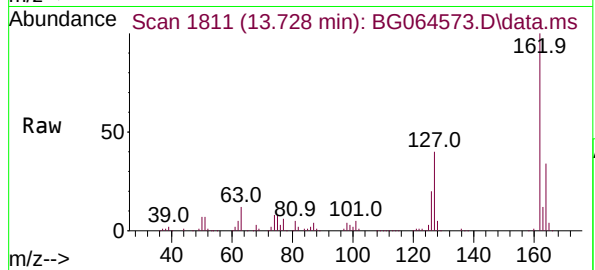
Tgt Ion:	154	Resp:	388718
Ion Ratio	Lower	Upper	
154	100		
153	42.4	22.4	62.4
76	13.5	0.0	33.5





#47
2-Chloronaphthalene
Concen: 42.182 ng
RT: 13.728 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

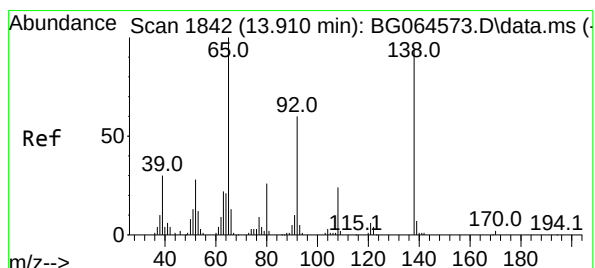
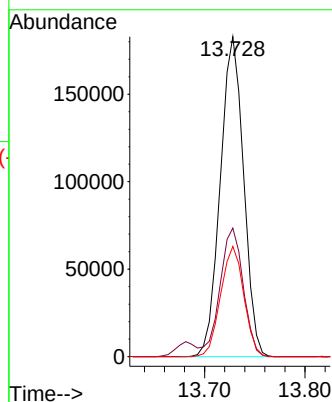
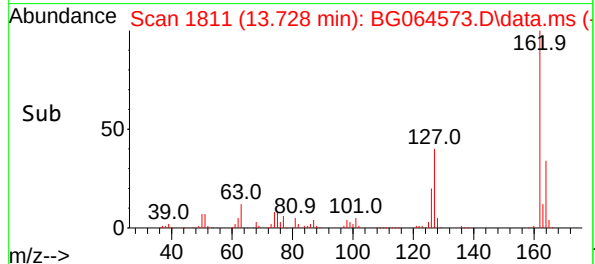
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 295501
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.2
164 34.4 27.5 41.3

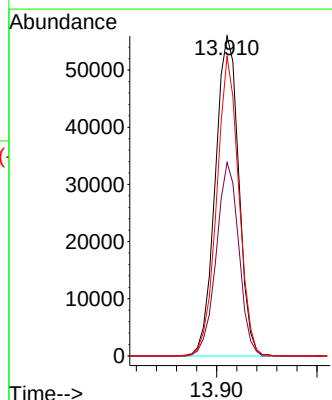
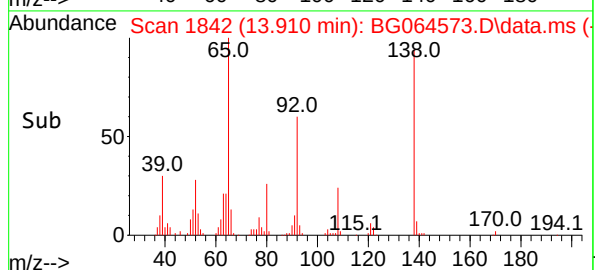
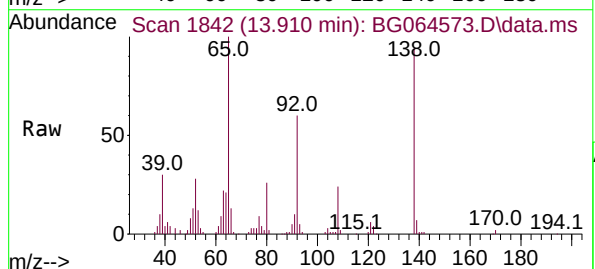
Manual Integrations
APPROVED

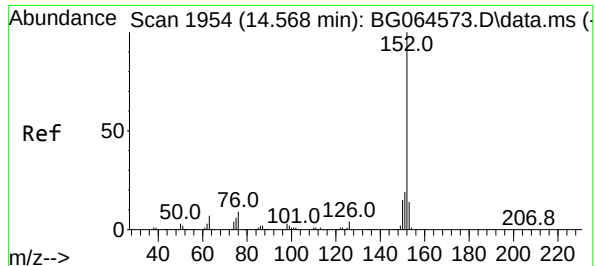
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 39.303 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

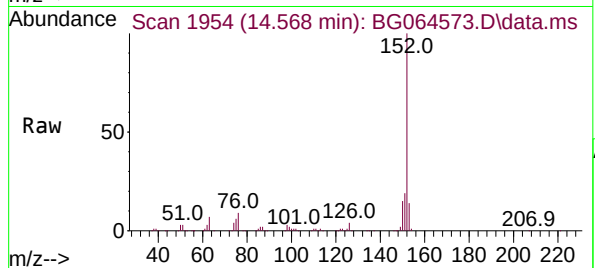
Tgt Ion: 65 Resp: 90958
Ion Ratio Lower Upper
65 100
92 60.4 48.3 72.5
138 93.6 74.9 112.3





#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

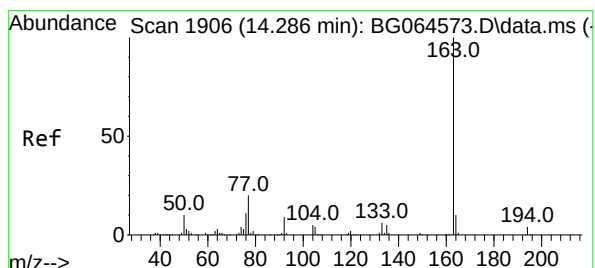
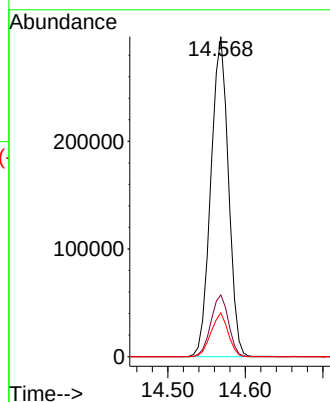
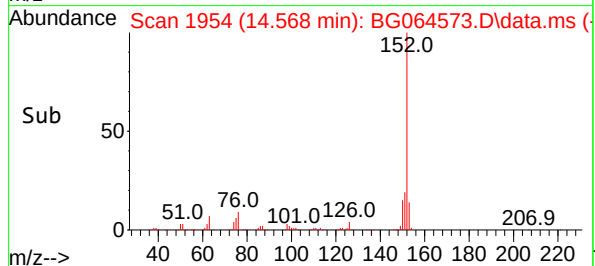
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



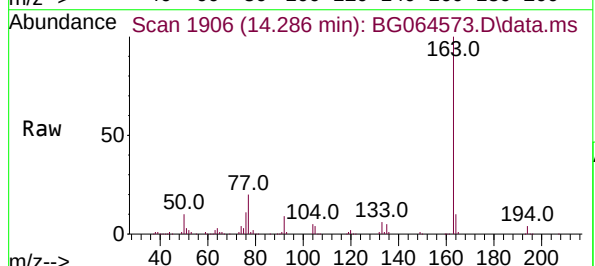
Tgt Ion:152 Resp: 466393
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.7 11.0 16.4

Manual Integrations
APPROVED

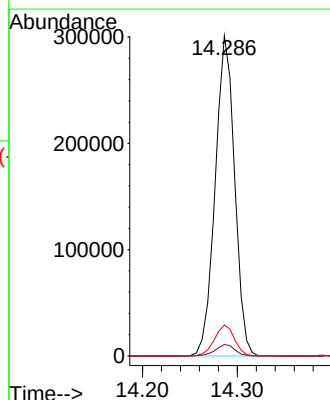
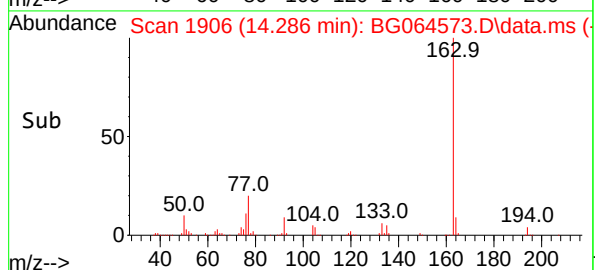
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

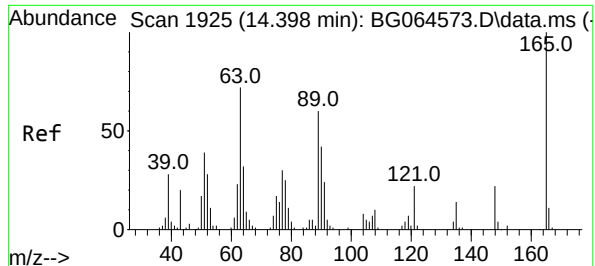


#50
Dimethylphthalate
Concen: 42.894 ng
RT: 14.286 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:163 Resp: 428475
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.6 7.7 11.5





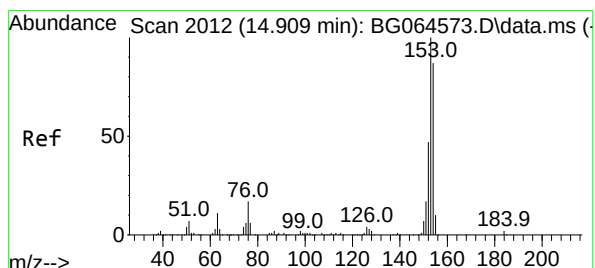
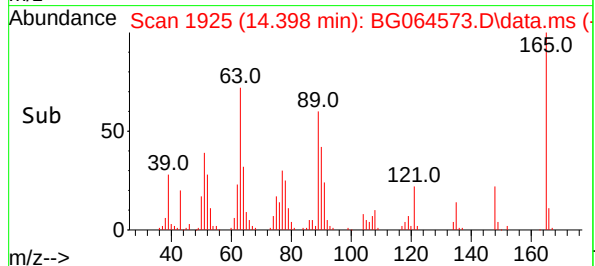
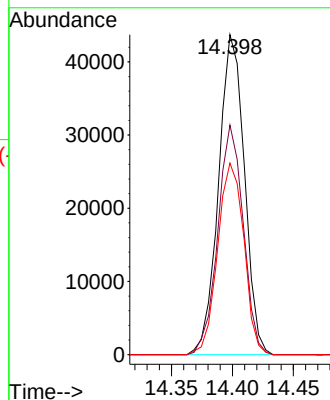
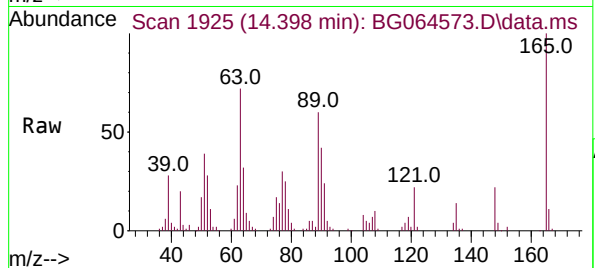
#51
2,6-Dinitrotoluene
Concen: 39.696 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 64452
Ion Ratio Lower Upper
165 100
63 71.7 57.4 86.0
89 59.8 47.8 71.8

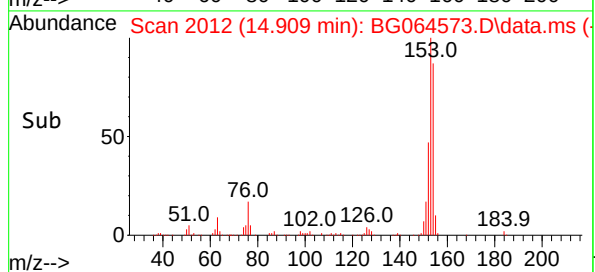
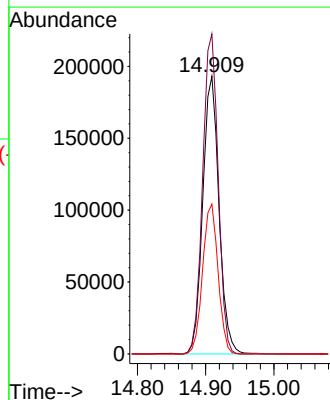
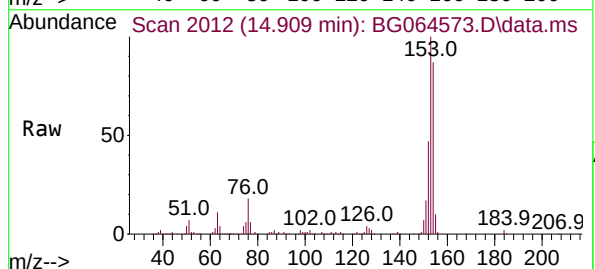
Manual Integrations
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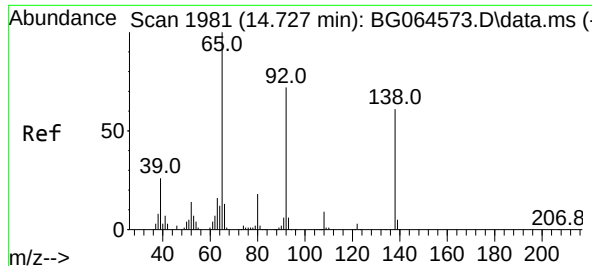
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 42.289 ng
RT: 14.909 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 319250
Ion Ratio Lower Upper
154 100
153 115.3 92.2 138.4
152 54.0 43.2 64.8





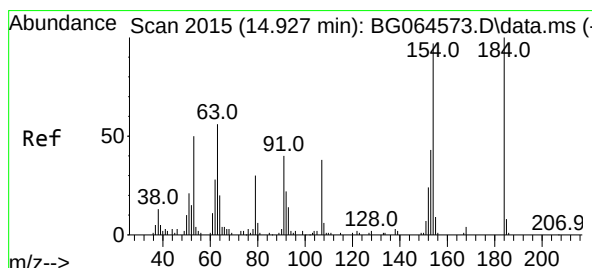
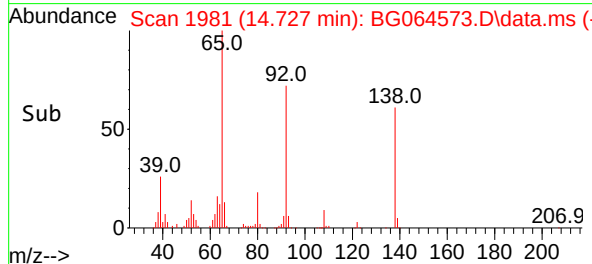
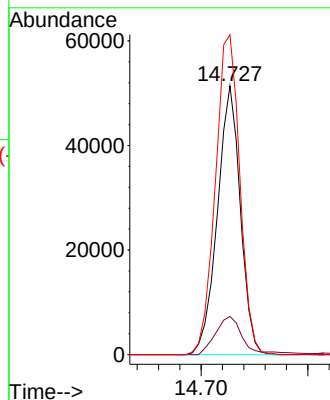
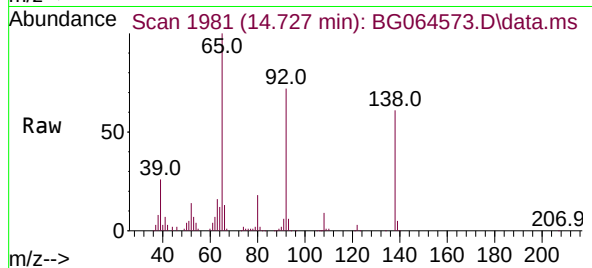
#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 7684
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 119.1 95.3 142.9

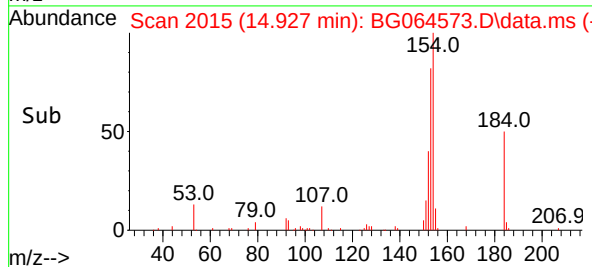
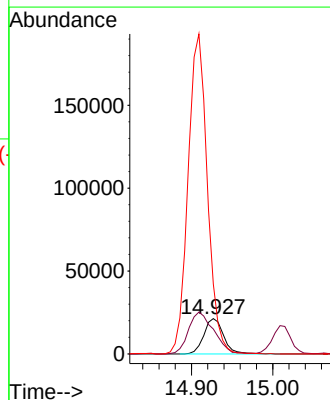
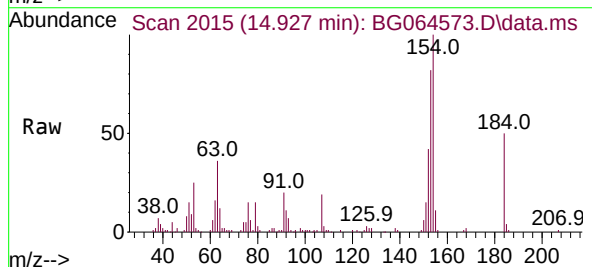
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APPROVED

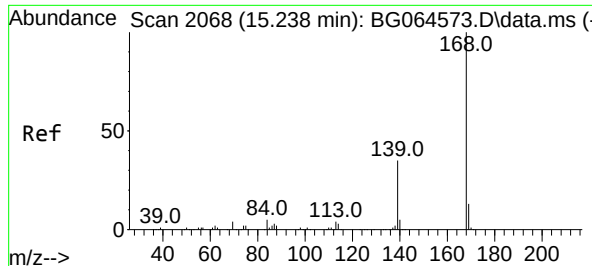
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 38.390 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:184 Resp: 35677
Ion Ratio Lower Upper
184 100
63 70.8 56.6 85.0
154 198.3 158.6 238.0





#55

Dibenzenofuran

Concen: 41.995 ng

RT: 15.238 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

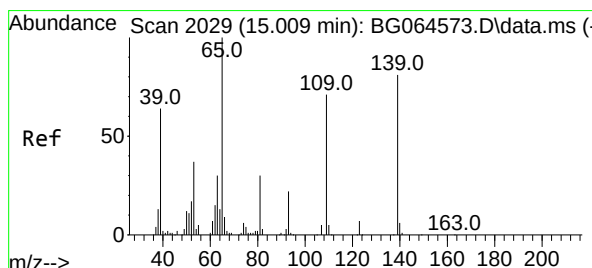
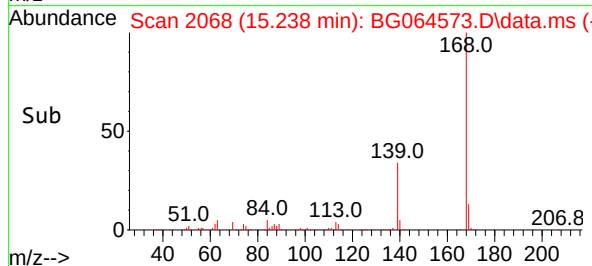
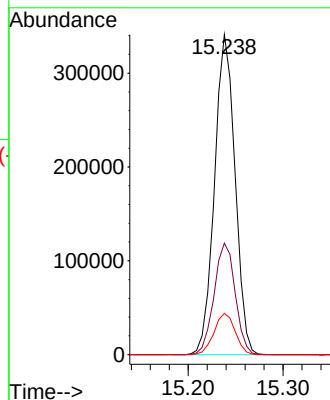
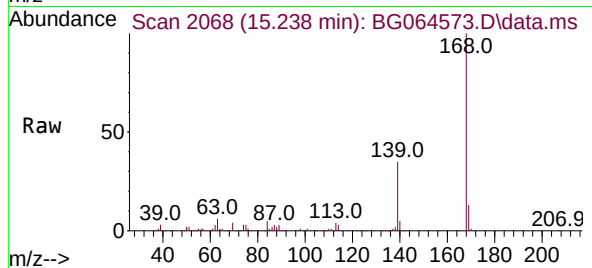
ClientSampleId :

SSTDICCC040

Tgt Ion:	168	Resp:	51254
Ion Ratio	Lower	Upper	
168	100		
139	34.8	27.8	41.8
169	12.9	10.3	15.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56

4-Nitrophenol

Concen: 42.765 ng

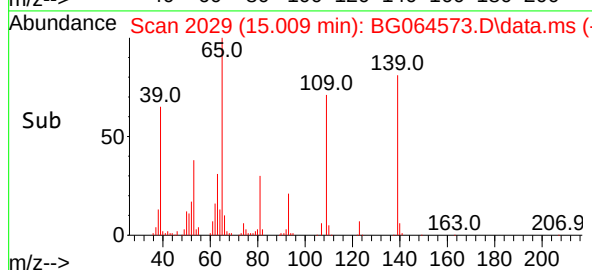
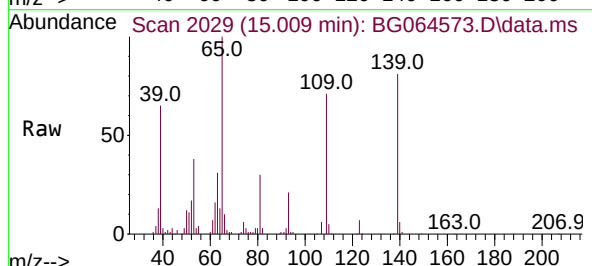
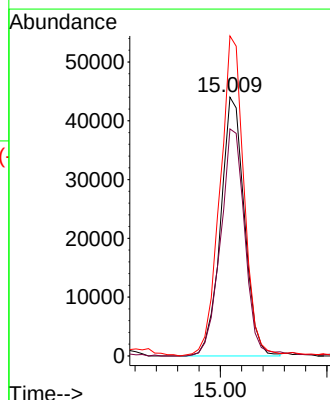
RT: 15.009 min Scan# 2029

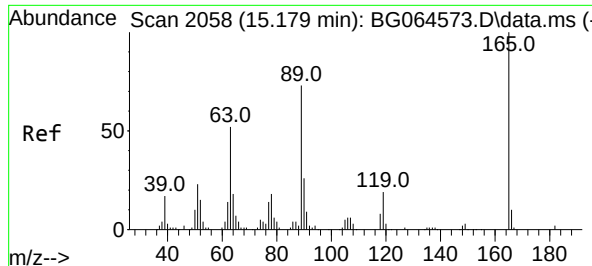
Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

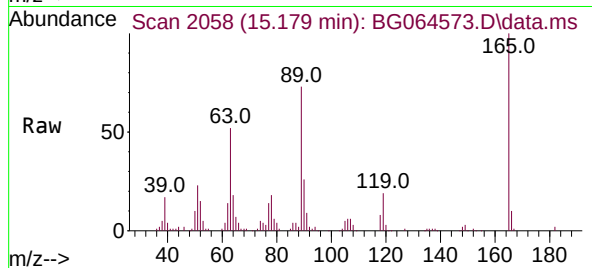
Tgt Ion:	139	Resp:	68064
Ion Ratio	Lower	Upper	
139	100		
109	87.8	67.8	107.8
65	123.7	103.7	143.7





#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

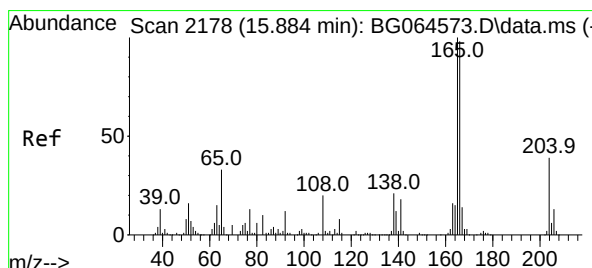
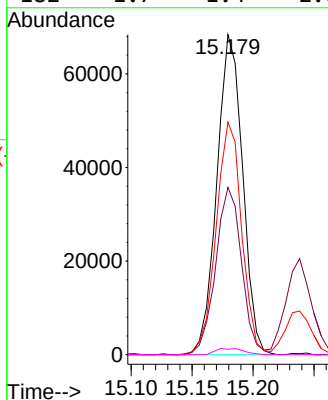
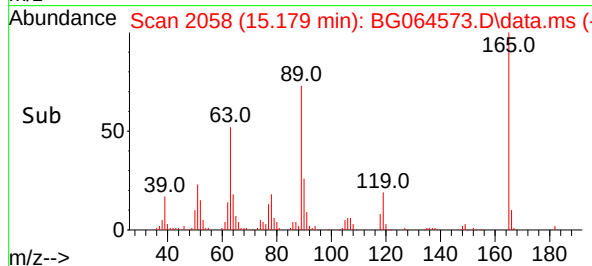
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 100448
Ion Ratio Lower Upper
165 100
63 52.3 41.8 62.8
89 72.6 58.1 87.1
182 1.7 1.4 2.0

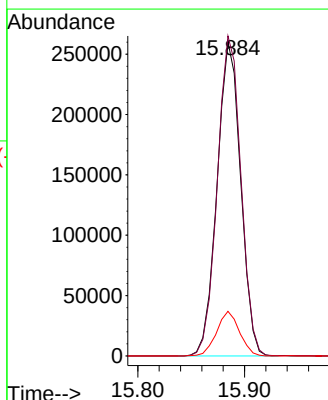
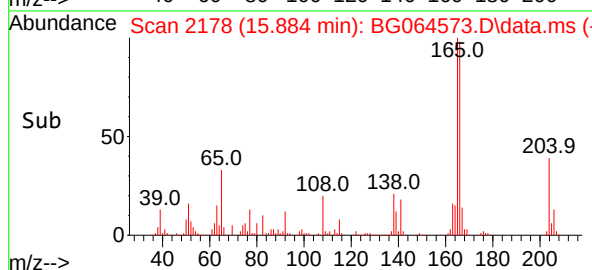
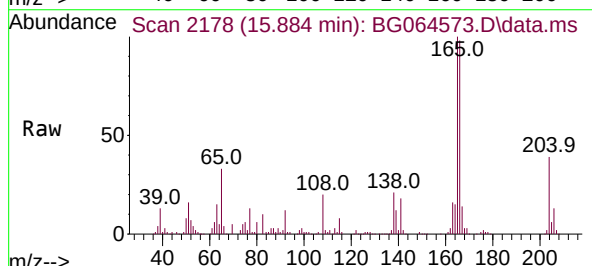
Manual Integrations
APPROVED

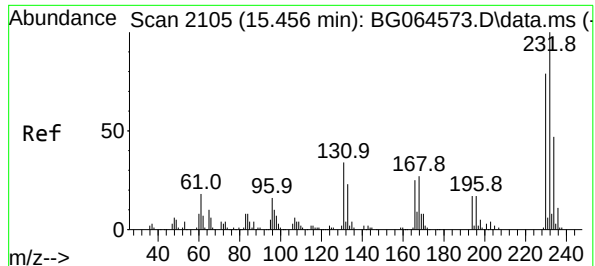
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 41.939 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

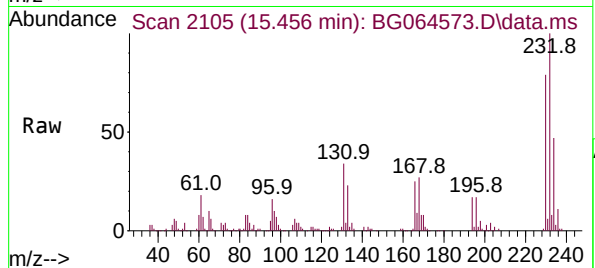
Tgt Ion:166 Resp: 399745
Ion Ratio Lower Upper
166 100
165 101.9 81.5 122.3
167 14.2 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.030 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

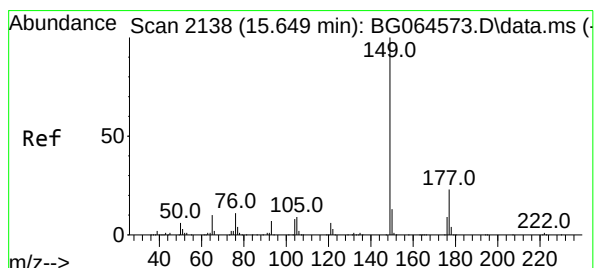
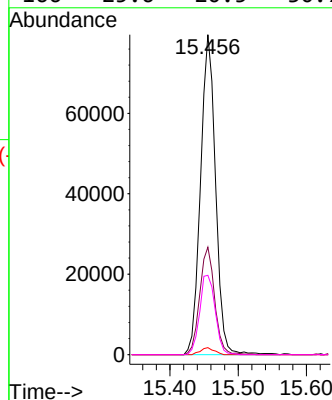
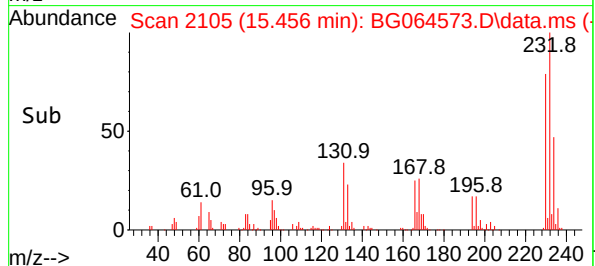
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



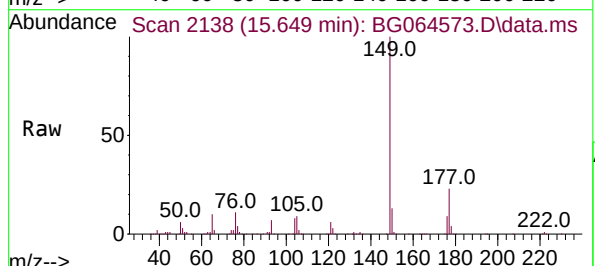
Tgt Ion:232 Resp: 121762
Ion Ratio Lower Upper
232 100
131 33.4 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

Manual Integrations
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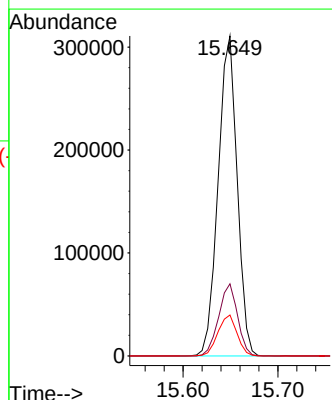
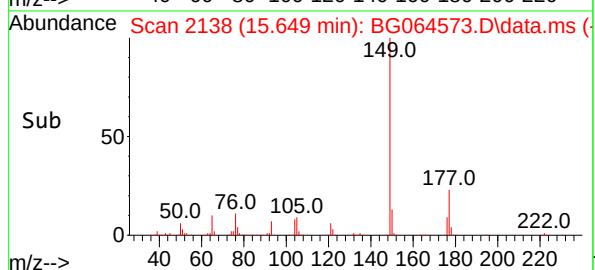
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

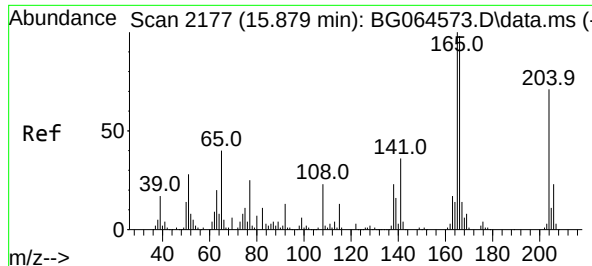


#60
Diethylphthalate
Concen: 42.412 ng
RT: 15.649 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



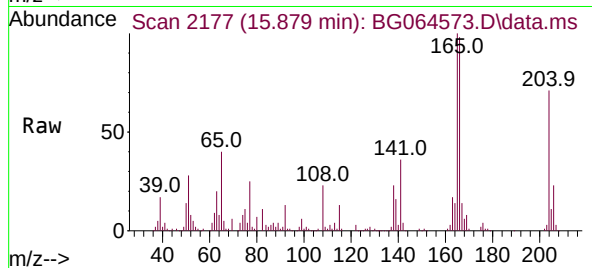
Tgt Ion:149 Resp: 432571
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 15.879 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

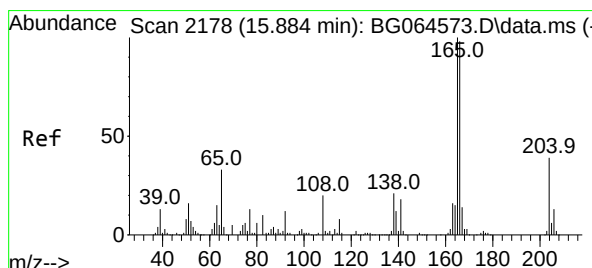
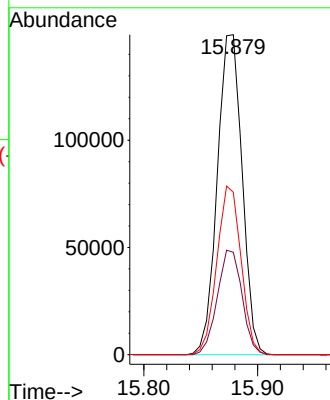
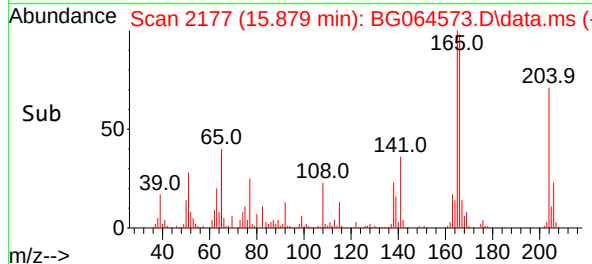
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 226104
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 50.7 40.6 60.8

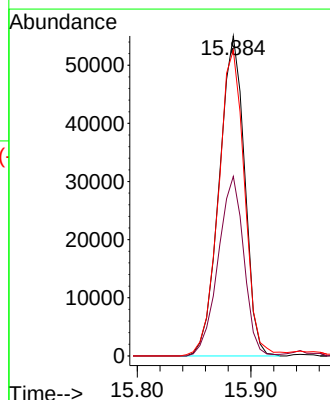
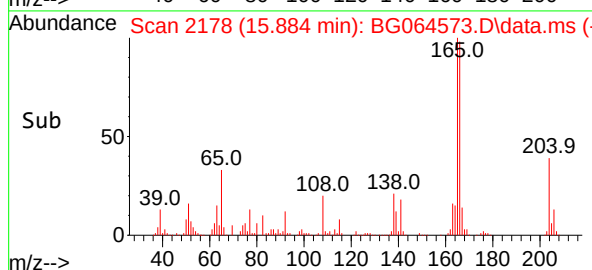
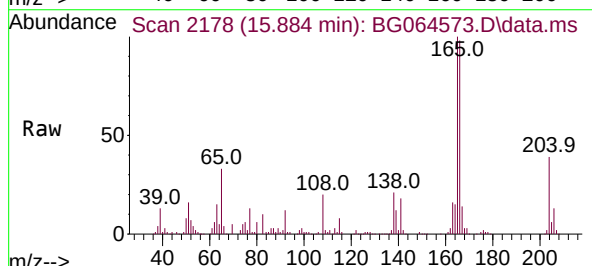
Manual Integrations
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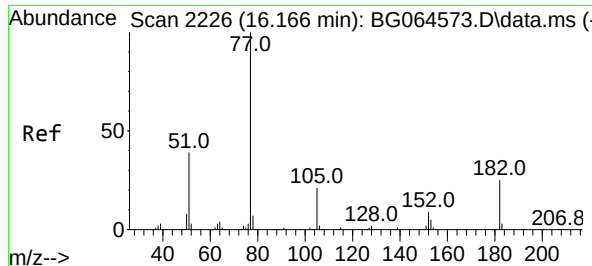
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 44.662 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

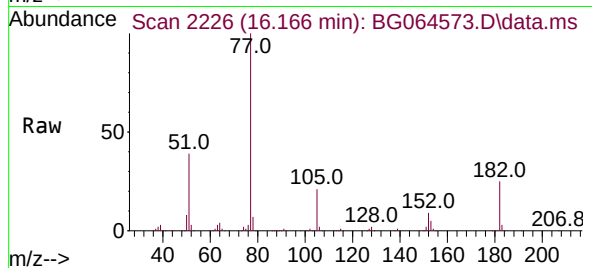
Tgt Ion:138 Resp: 85297
Ion Ratio Lower Upper
138 100
92 56.1 36.1 76.1
108 95.6 75.6 115.6





#63
Azobenzene
Concen: 42.922 ng
RT: 16.166 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

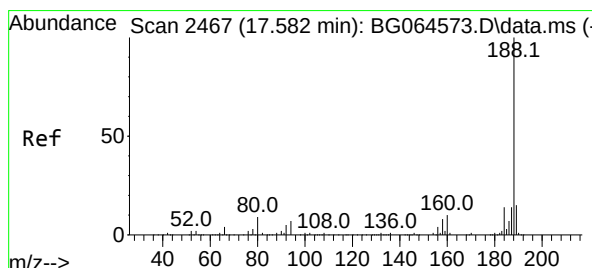
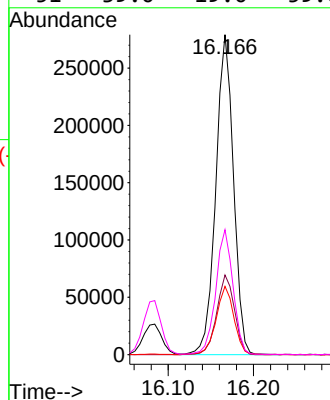
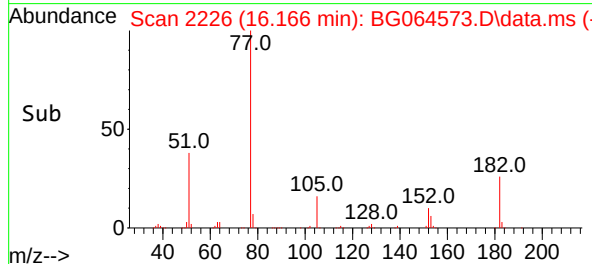
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 401676
Ion Ratio Lower Upper
77 100
182 24.9 4.9 44.9
105 21.3 1.3 41.3
51 39.0 19.0 59.0

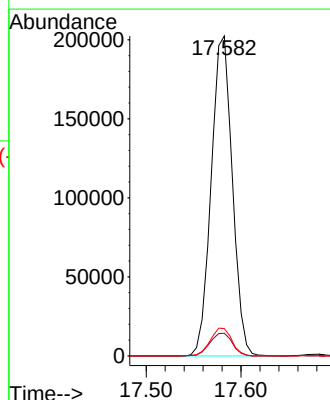
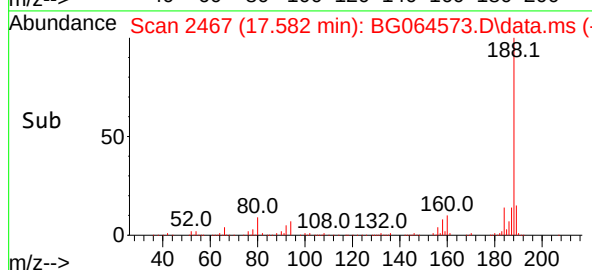
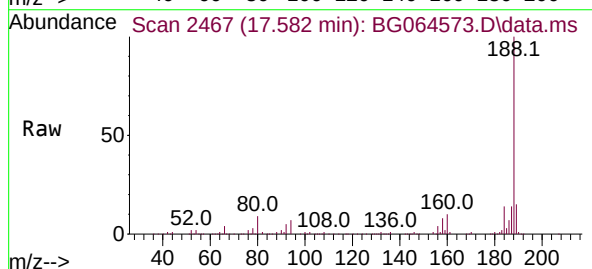
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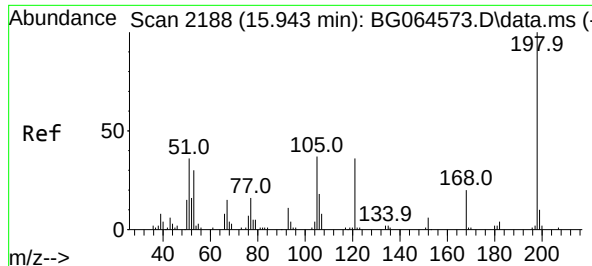
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:188 Resp: 313311
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.5 6.8 10.2





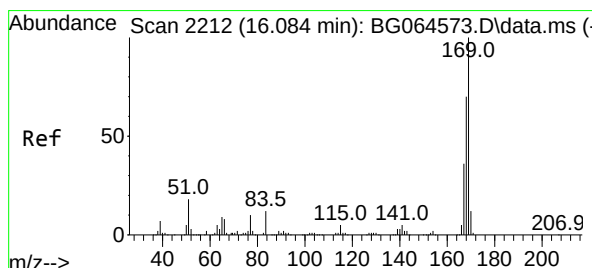
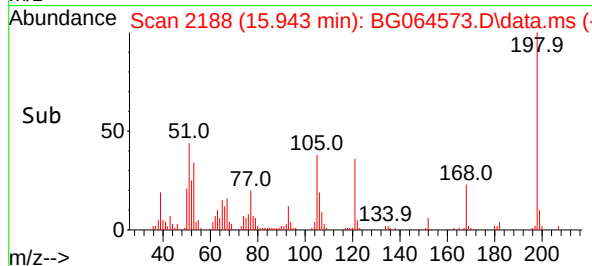
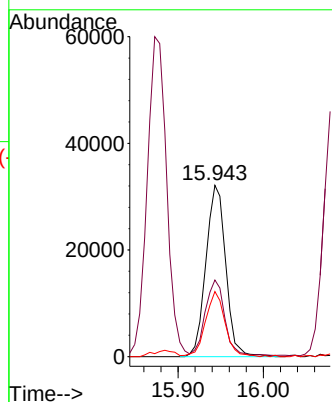
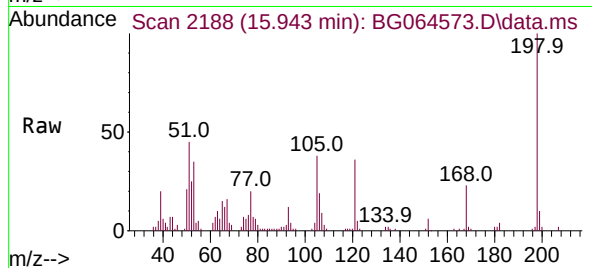
#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 51829
Ion Ratio Lower Upper
198 100
51 44.7 24.7 64.7
105 38.0 18.0 58.0

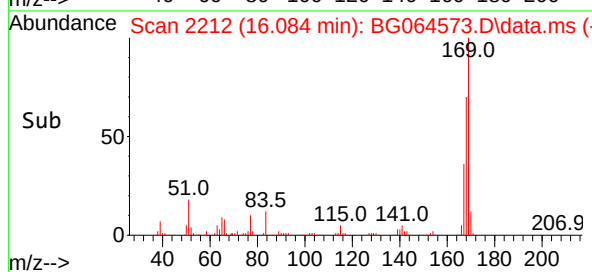
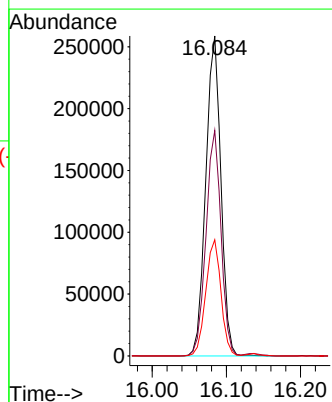
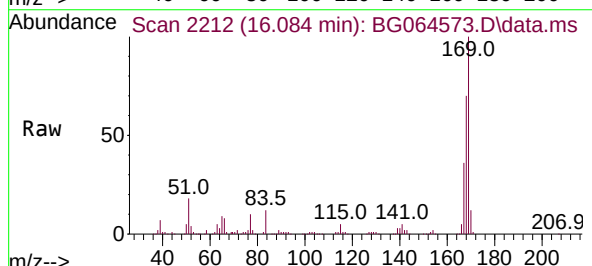
Manual Integrations
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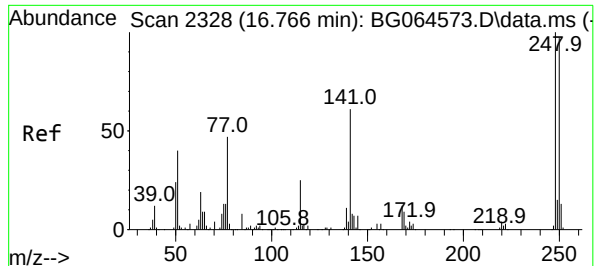
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

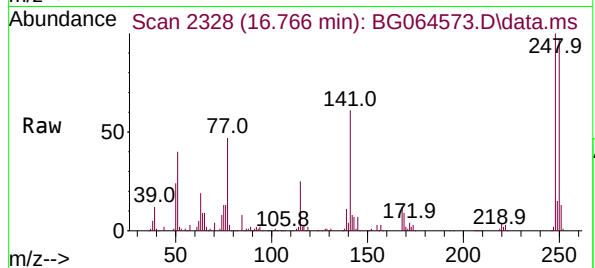
Tgt Ion:169 Resp: 365624
Ion Ratio Lower Upper
169 100
168 70.4 56.3 84.5
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.563 ng
RT: 16.766 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

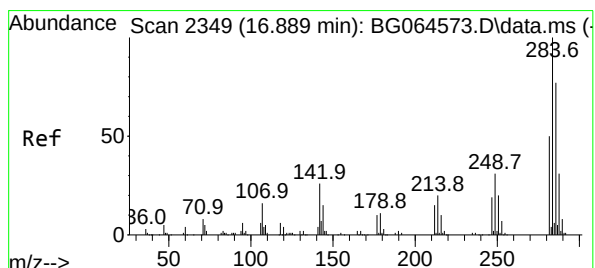
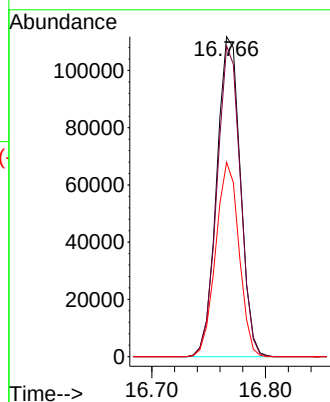
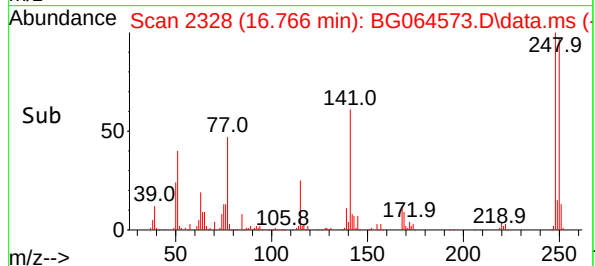
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



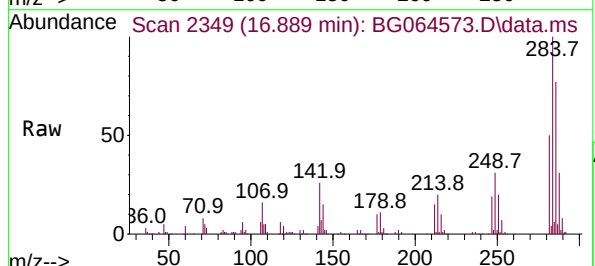
Tgt Ion:248 Resp: 161744
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 60.7 48.6 72.8

Manual Integrations
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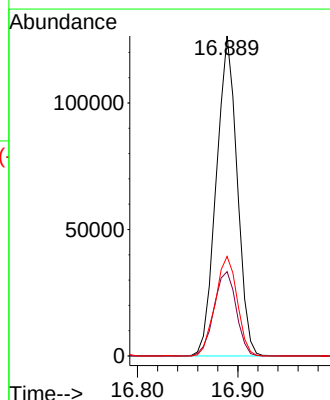
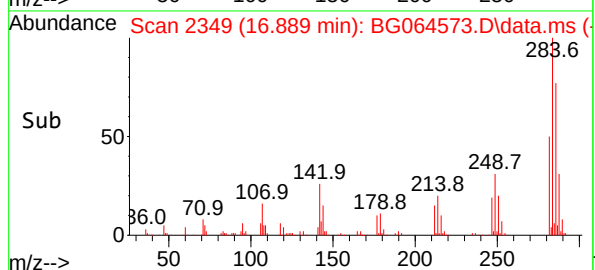
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

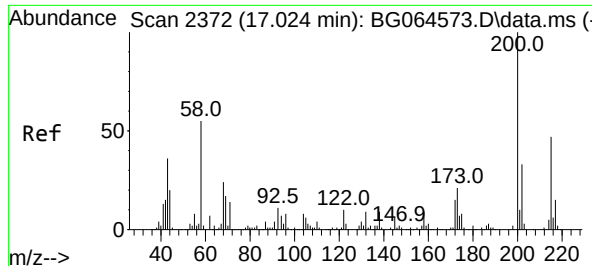


#68
Hexachlorobenzene
Concen: 43.265 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:284 Resp: 183262
Ion Ratio Lower Upper
284 100
142 26.3 21.0 31.6
249 31.1 24.9 37.3





#69

Atrazine

Concen: 42.203 ng

RT: 17.024 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 153706

Ion Ratio Lower Upper

200 100

173 20.9 0.9 40.9

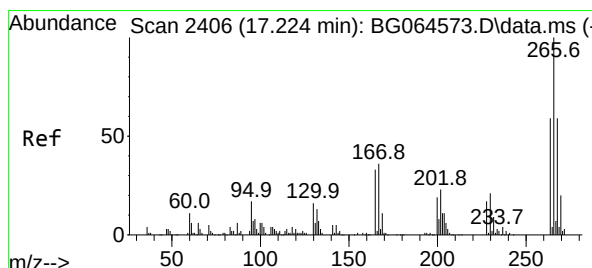
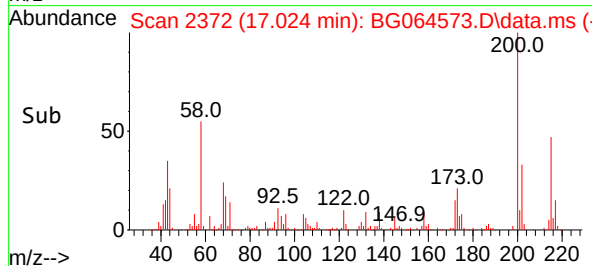
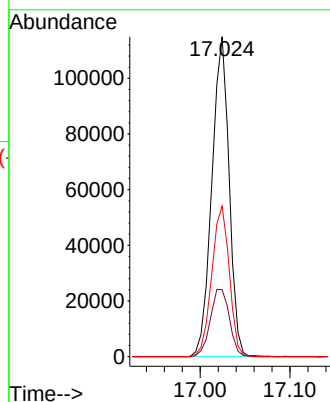
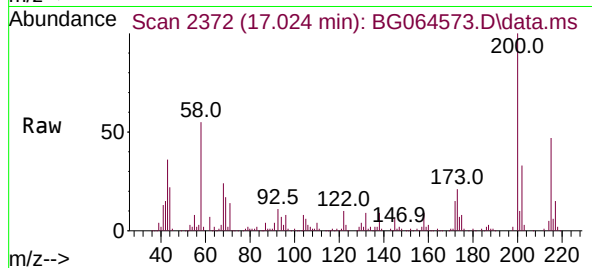
215 47.0 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 42.694 ng

RT: 17.224 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

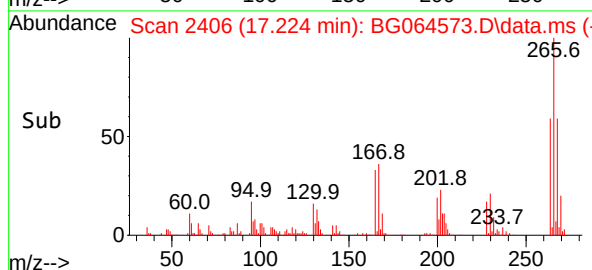
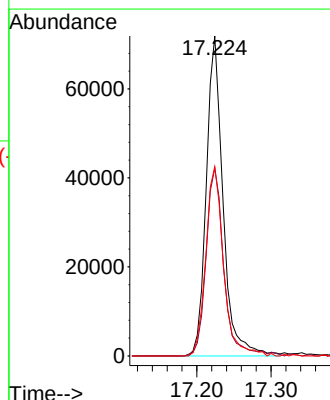
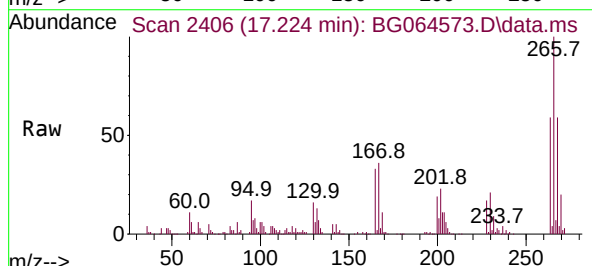
Tgt Ion:266 Resp: 112769

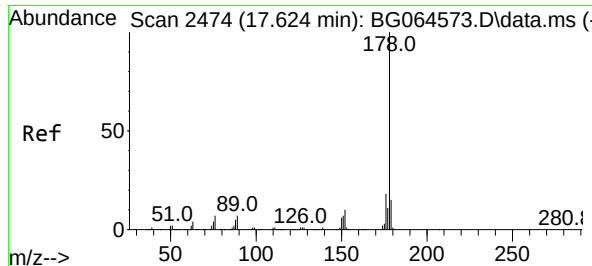
Ion Ratio Lower Upper

266 100

268 62.9 50.3 75.5

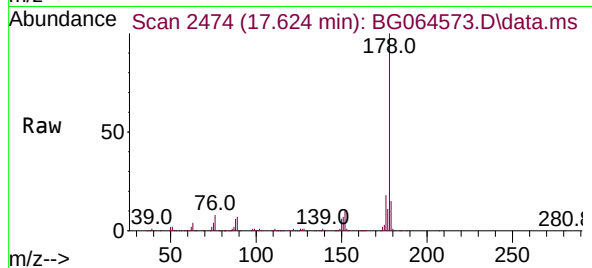
264 59.1 47.3 70.9





#71
Phenanthrene
Concen: 42.500 ng
RT: 17.624 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

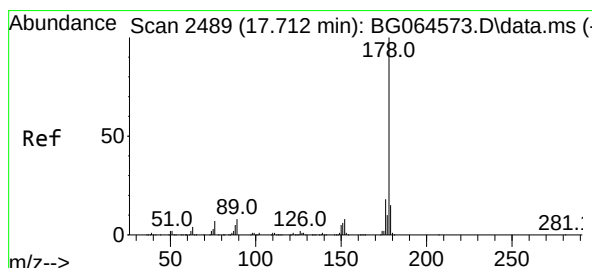
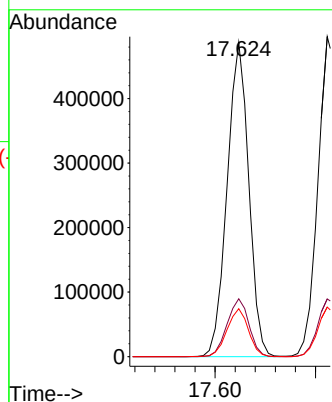
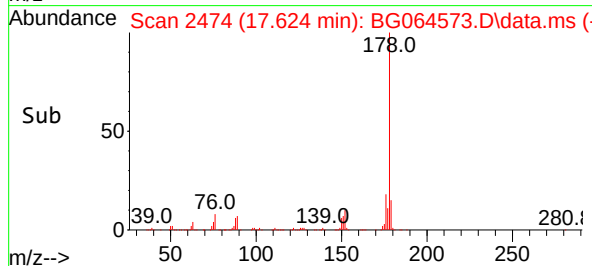
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 728184
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.3 12.2 18.4

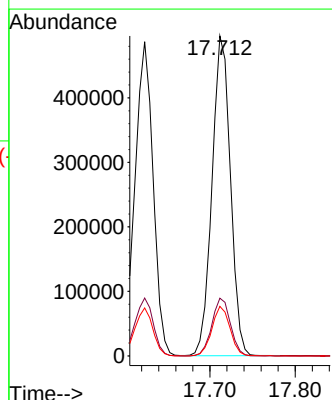
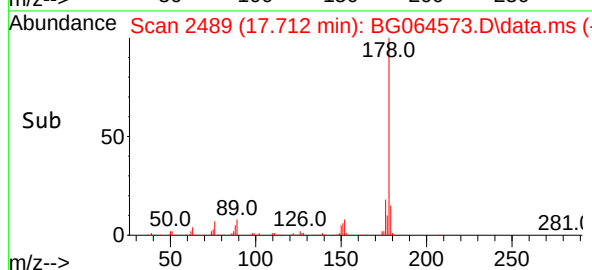
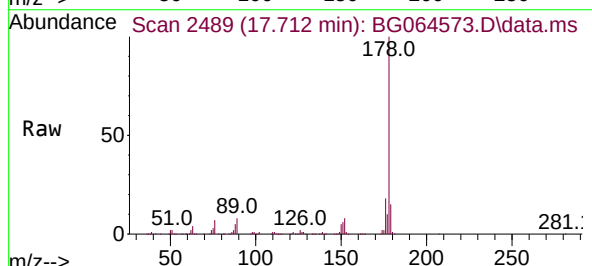
Manual Integrations
APPROVED

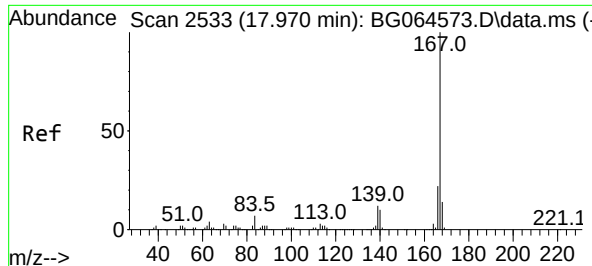
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 42.663 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

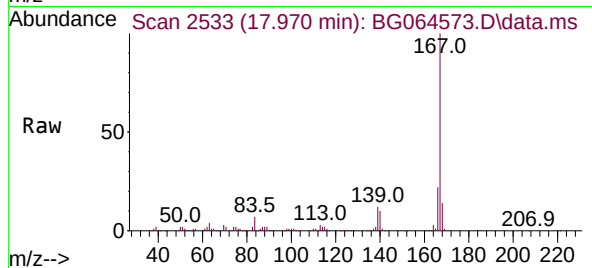
Tgt Ion:178 Resp: 743567
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.053 ng
RT: 17.970 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

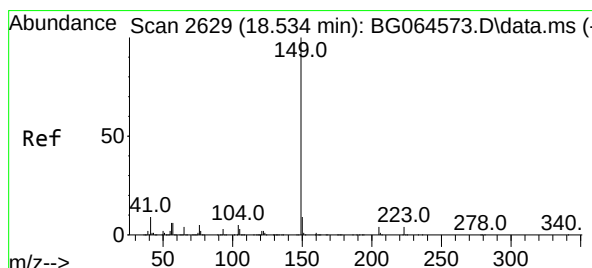
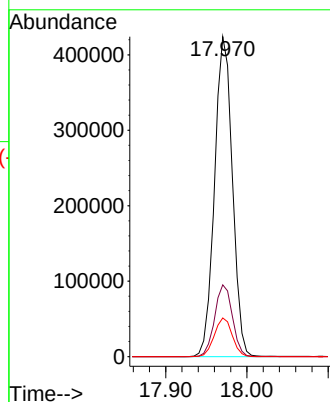
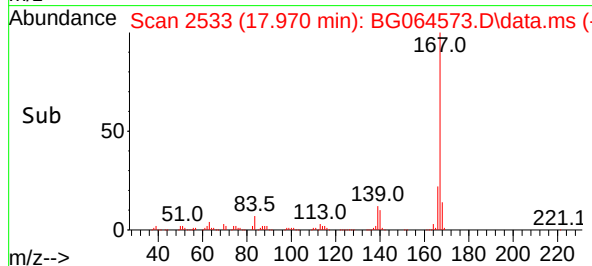
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 646319
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.1 9.7 14.5

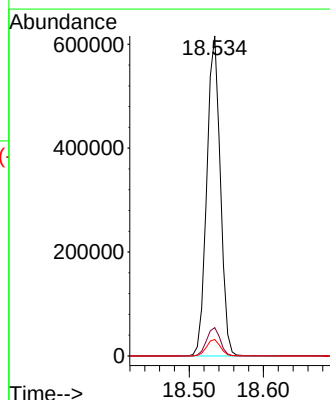
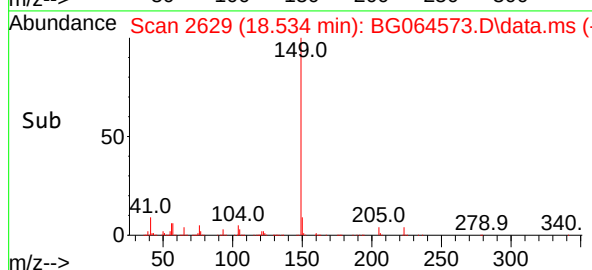
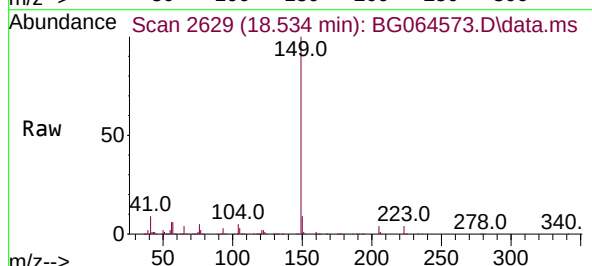
Manual Integrations
APPROVED

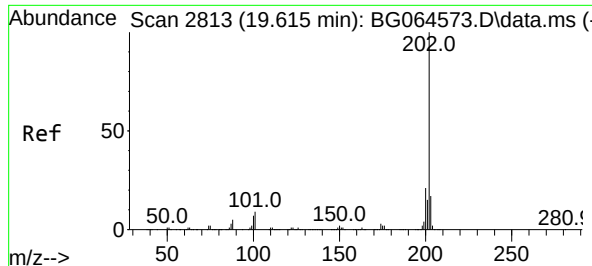
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 43.711 ng
RT: 18.534 min Scan# 2629
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

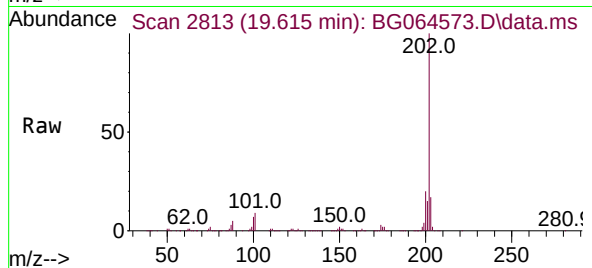
Tgt Ion:149 Resp: 776847
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.050 ng
RT: 19.615 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

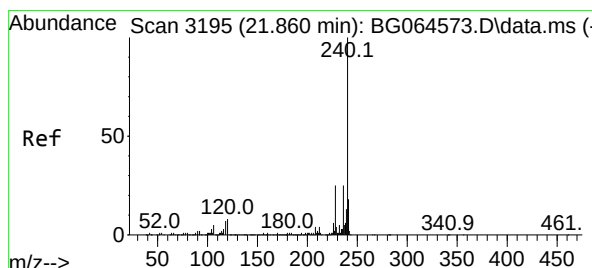
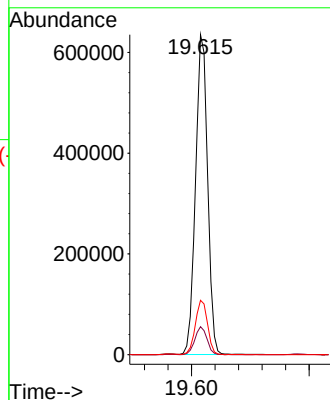
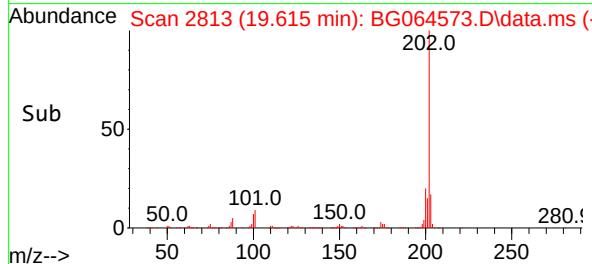
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 90255
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.0 0.0 37.0

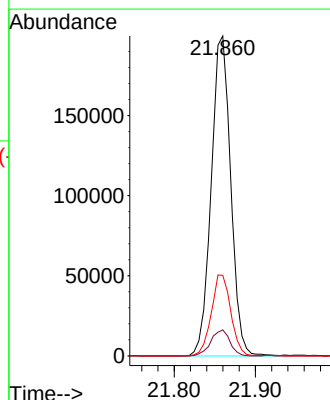
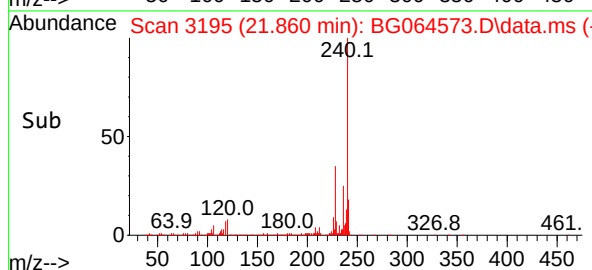
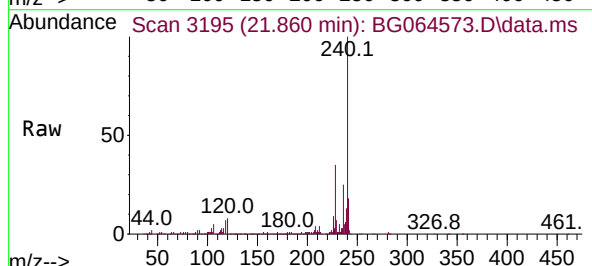
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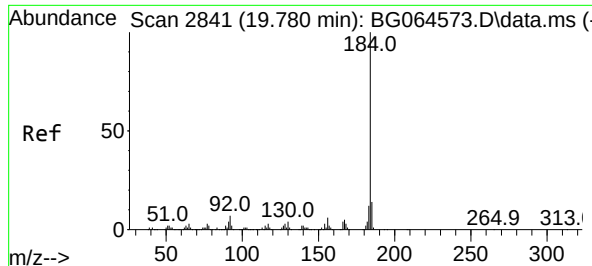
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

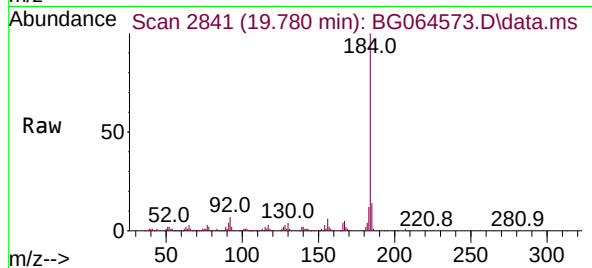
Tgt Ion:240 Resp: 332834
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.2 20.2 30.2





#77
Benzidine
Concen: 43.697 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

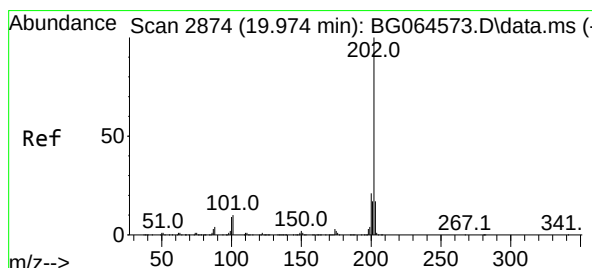
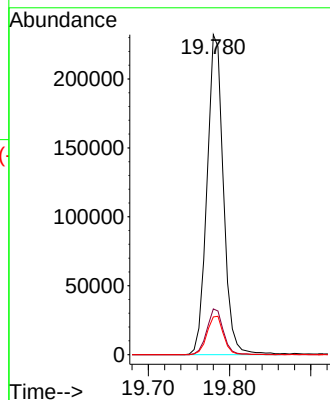
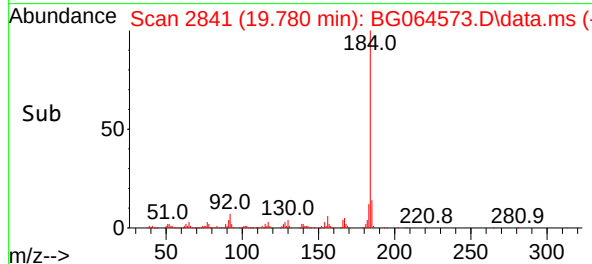
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



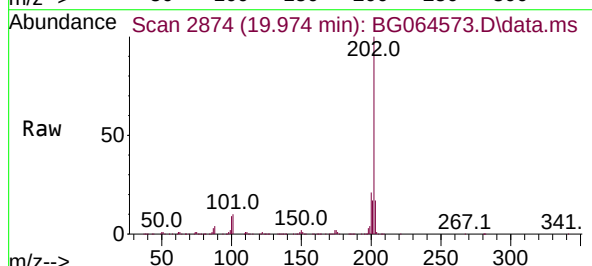
Tgt Ion:184 Resp: 325845
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.8 9.4 14.2

Manual Integrations
APPROVED

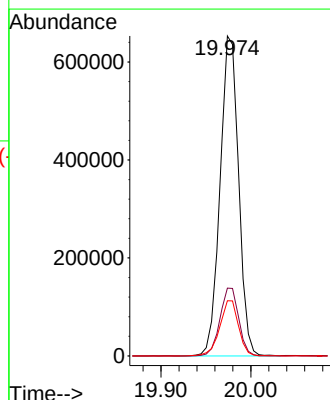
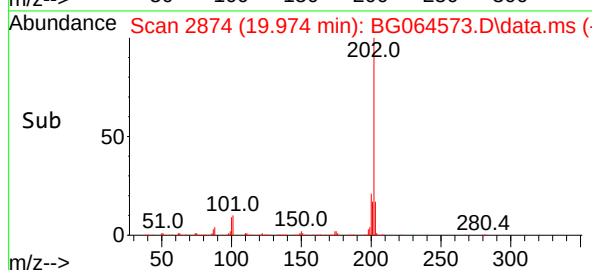
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

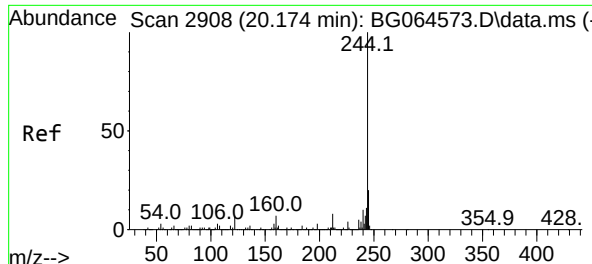


#78
Pyrene
Concen: 43.186 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



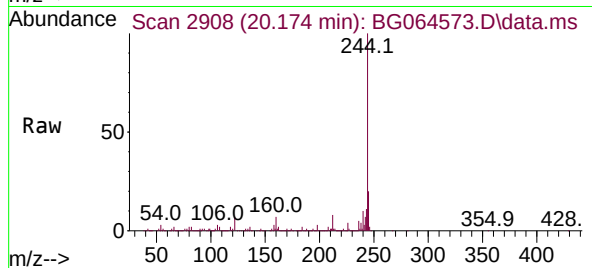
Tgt Ion:202 Resp: 939110
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.2 13.8 20.6





#79
Terphenyl-d14
Concen: 86.242 ng
RT: 20.174 min Scan# 2908
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

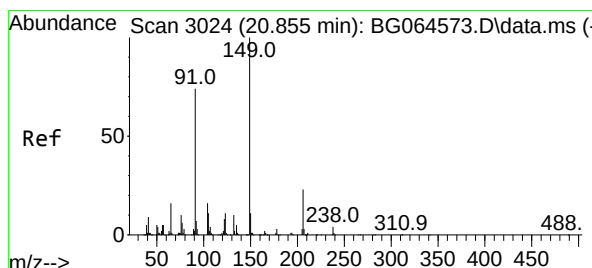
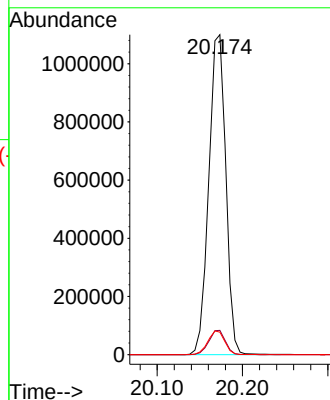
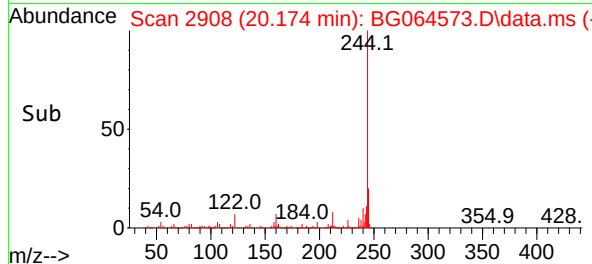
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



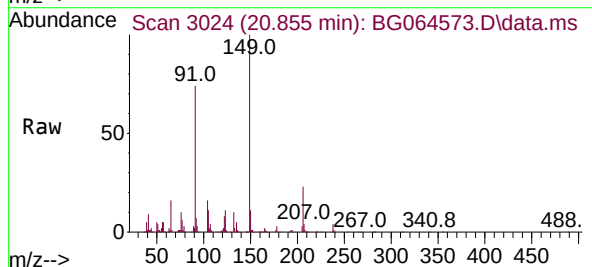
Tgt Ion:244 Resp: 1521028
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 7.0 5.6 8.4

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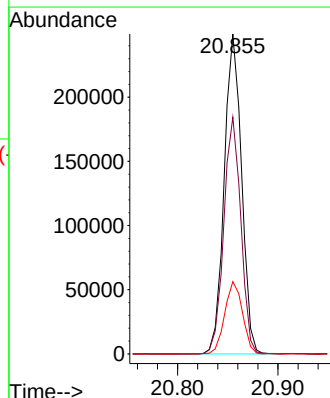
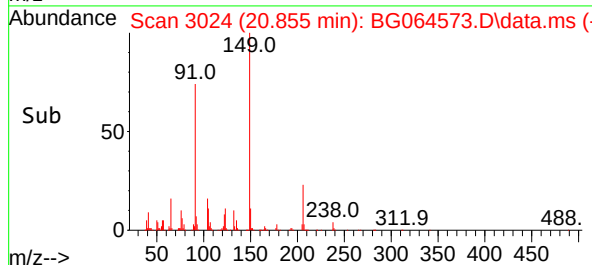
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

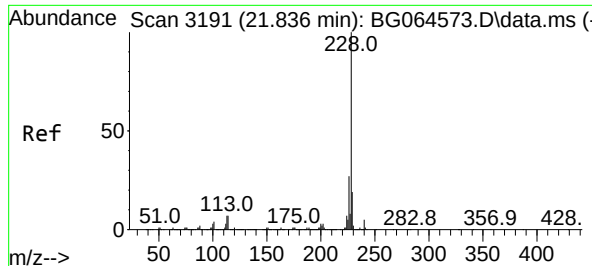


#80
Butylbenzylphthalate
Concen: 45.601 ng
RT: 20.855 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



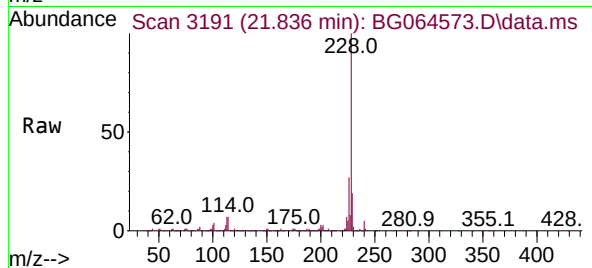
Tgt Ion:149 Resp: 299706
Ion Ratio Lower Upper
149 100
91 74.0 59.2 88.8
206 22.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.836 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

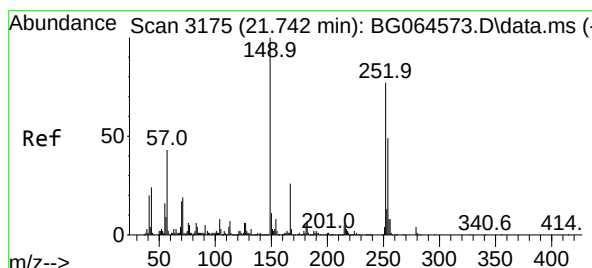
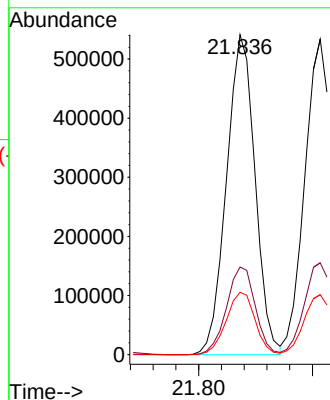
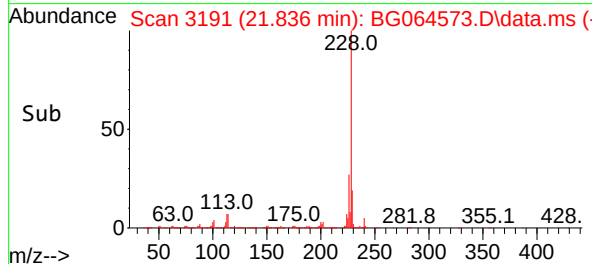
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 942839
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.6 23.4

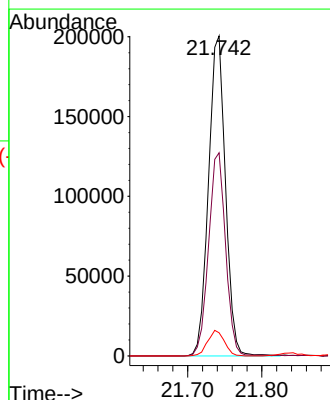
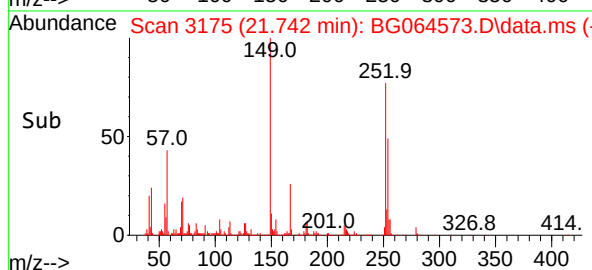
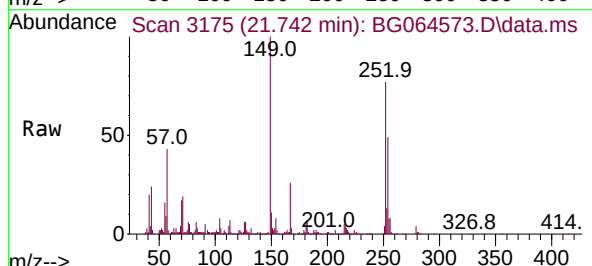
Manual Integrations
APPROVED

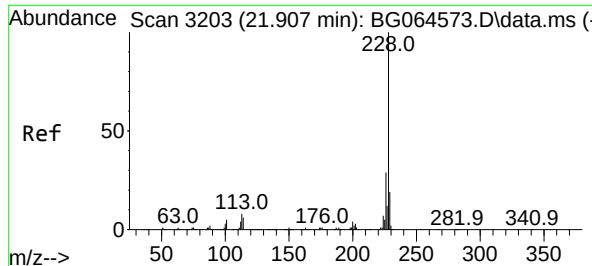
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.131 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 317851
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 7.2 5.8 8.6





#83

Chrysene

Concen: 42.613 ng

RT: 21.907 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

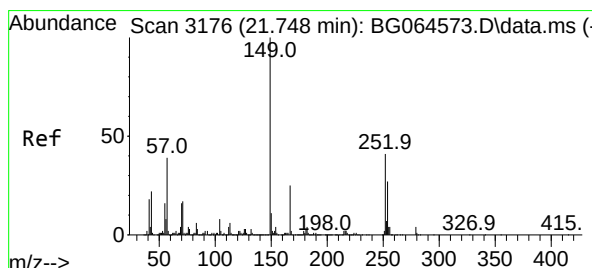
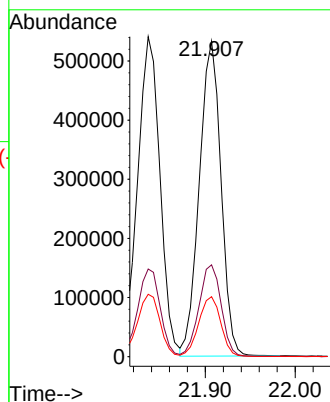
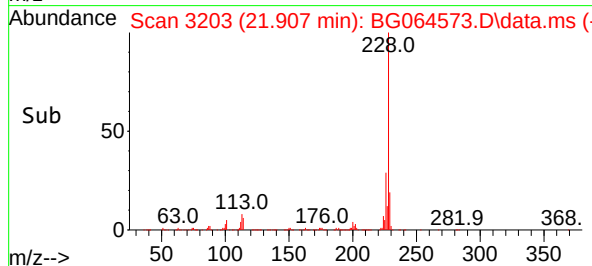
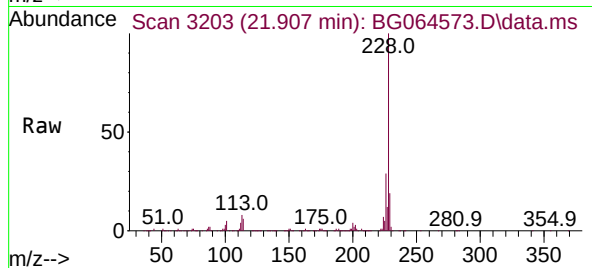
Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:	228	Resp:	894813
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.3	34.9
229	19.0	15.2	22.8

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

#84

Bis(2-ethylhexyl)phthalate

Concen: 45.494 ng

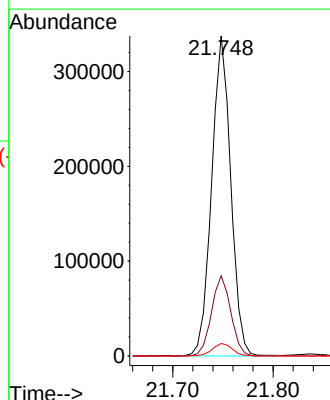
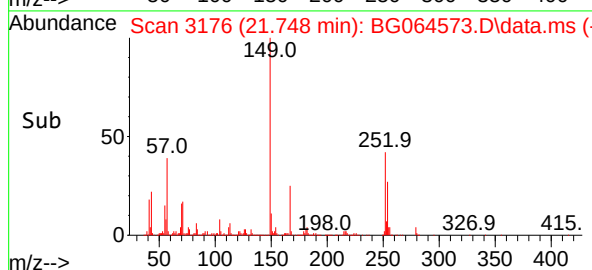
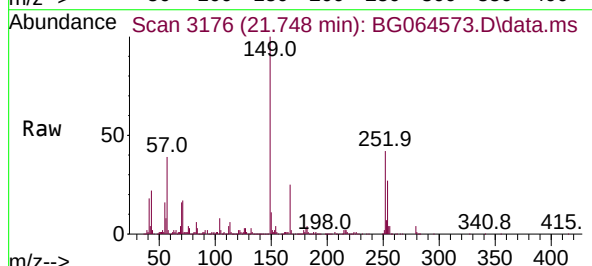
RT: 21.748 min Scan# 3176

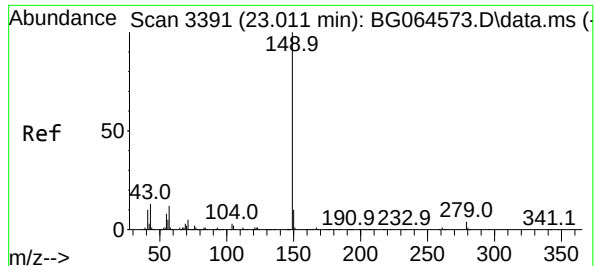
Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

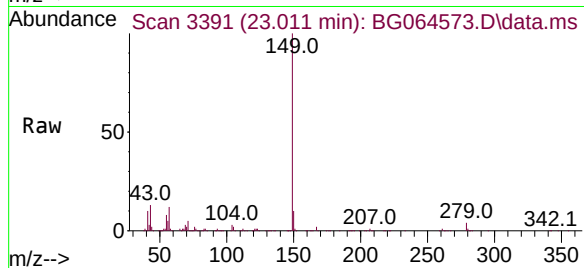
Tgt Ion:	149	Resp:	446785
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.0	30.0
279	3.9	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.011 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

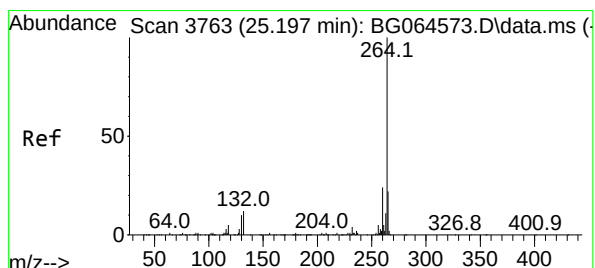
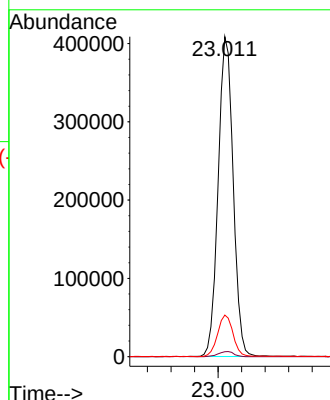
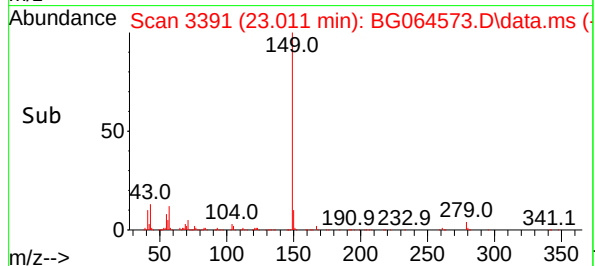
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 723360
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

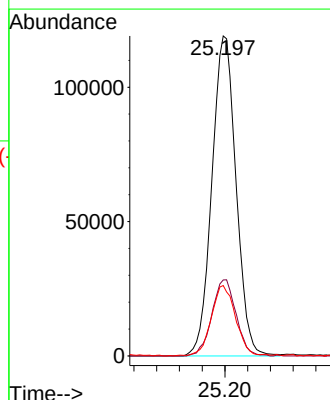
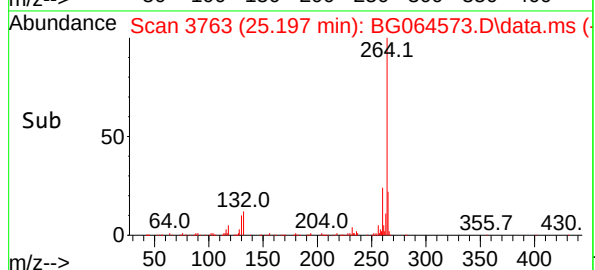
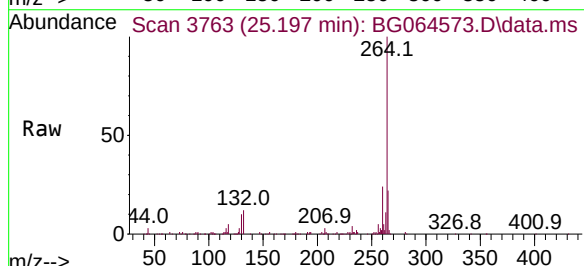
Manual Integrations
APPROVED

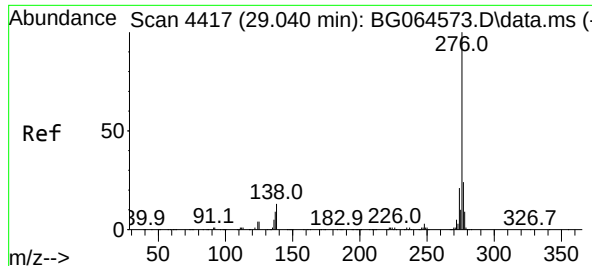
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

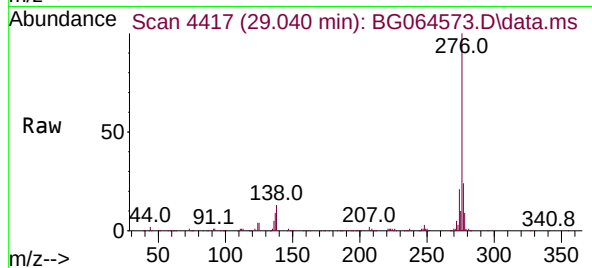
Tgt Ion:264 Resp: 350897
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.624 ng
RT: 29.040 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

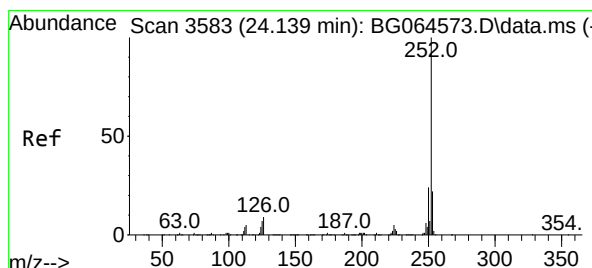
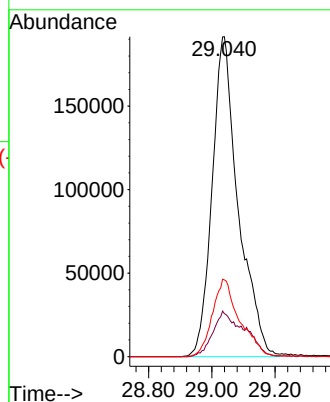
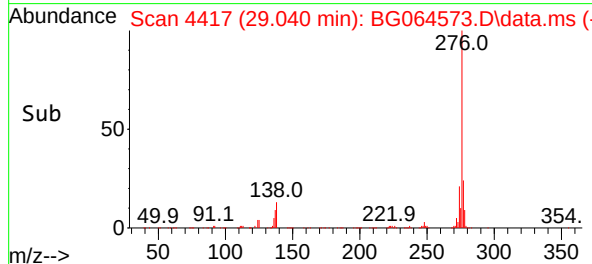
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 1100259
Ion Ratio Lower Upper
276 100
138 13.5 10.8 16.2
277 25.1 20.1 30.1

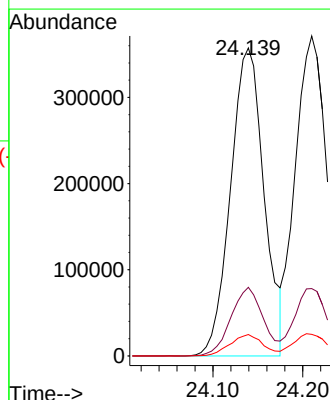
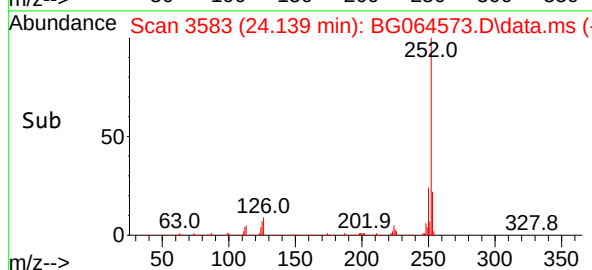
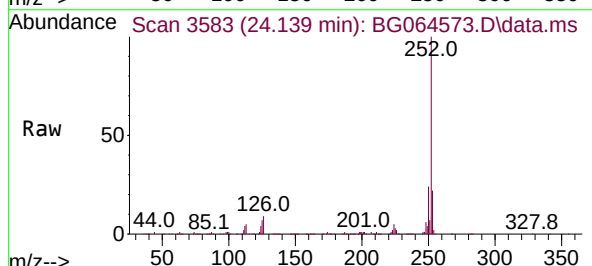
Manual Integrations
APPROVED

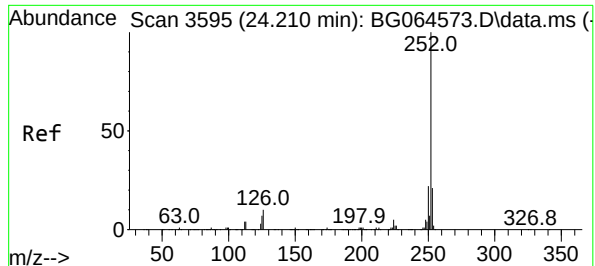
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 43.108 ng
RT: 24.139 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 252 Resp: 927550
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.878 ng

RT: 24.210 min Scan# 3595

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

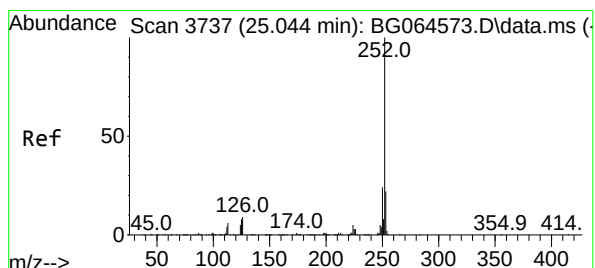
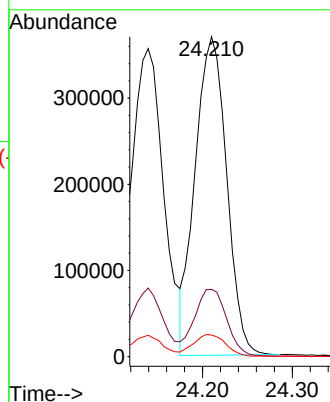
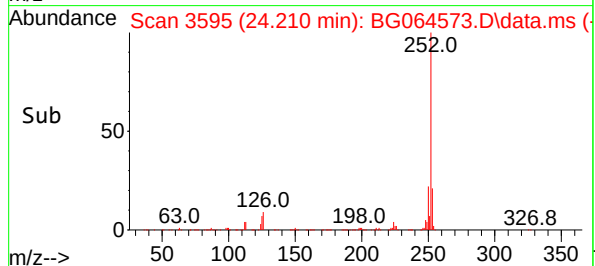
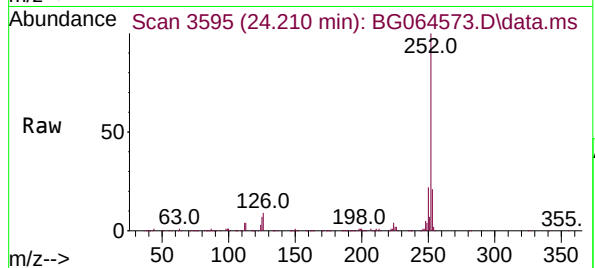
Tgt Ion:	252	Resp:	901700
Ion Ratio	Lower	Upper	
252	100		
253	21.0	16.8	25.2
125	6.7	5.4	8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 42.635 ng

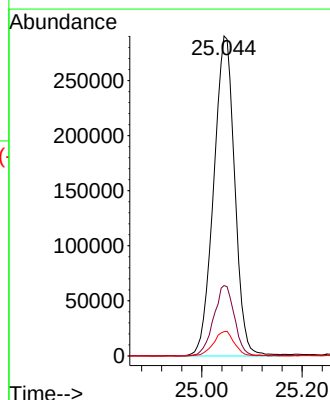
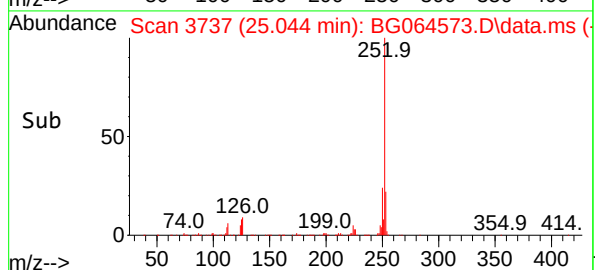
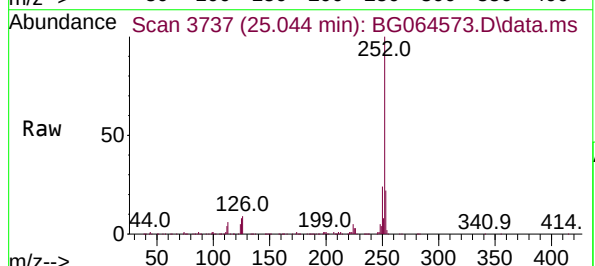
RT: 25.044 min Scan# 3737

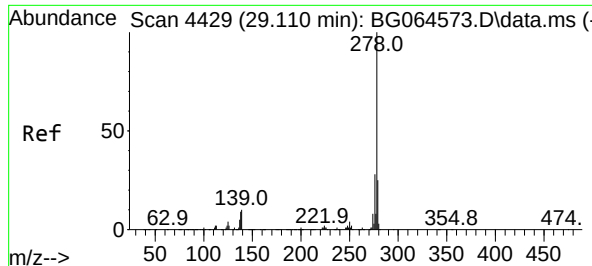
Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:	252	Resp:	843258
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	7.6	6.1	9.1





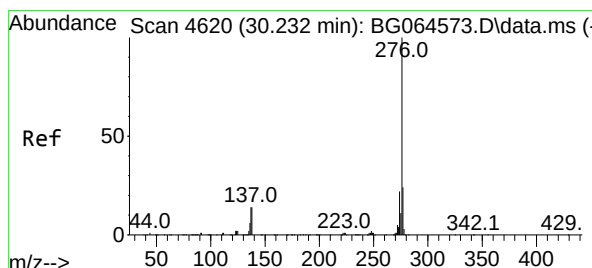
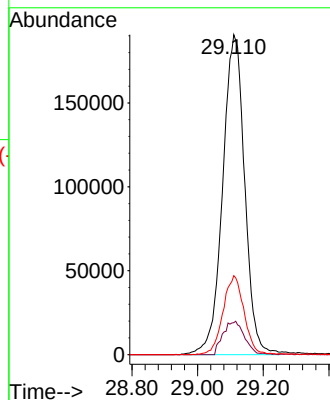
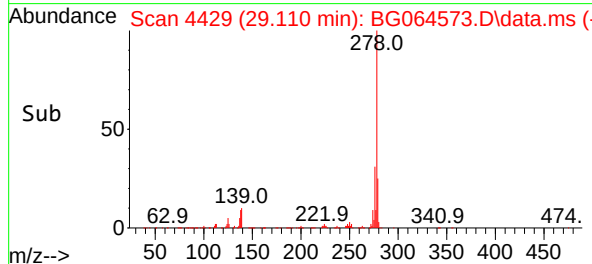
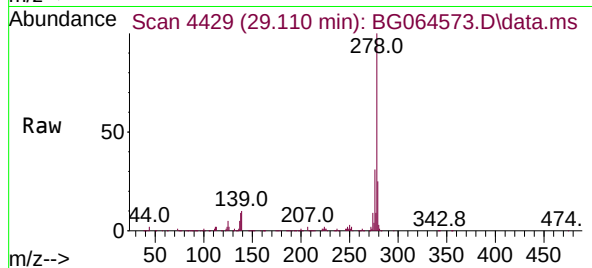
#91
Dibenzo(a,h)anthracene
Concen: 42.430 ng
RT: 29.110 min Scan# 4429
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 889808
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 24.7 19.8 29.6

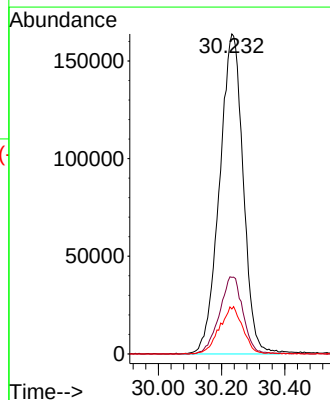
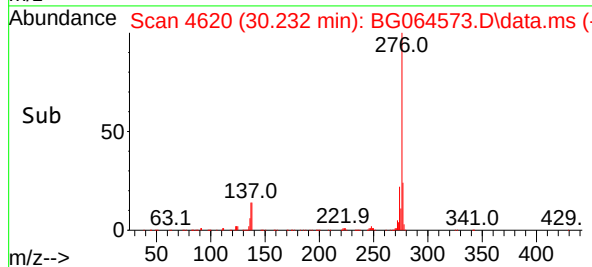
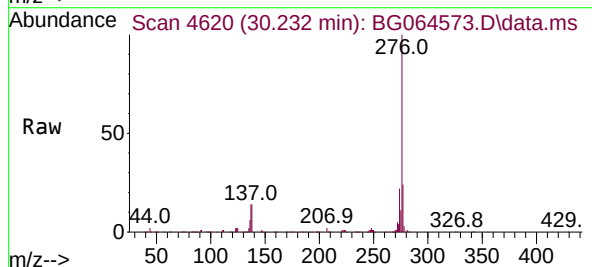
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 30.232 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:276 Resp: 851248
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 14.1 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064574.D
 Acq On : 24 Oct 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:01:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40271	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	168005	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	134994	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	324385	20.000	ng	0.00
76) Chrysene-d12	21.856	240	340896	20.000	ng	0.00
86) Perylene-d12	25.205	264	350916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	318446	132.728	ng	0.00
7) Phenol-d6	7.355	99	450449	136.821	ng	0.00
23) Nitrobenzene-d5	9.388	82	406268	145.243	ng	0.00
42) 2,4,6-Tribromophenol	16.321	330	280190	143.807	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	1120989	125.867	ng	0.00
79) Terphenyl-d14	20.176	244	2253704	124.763	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.589	88	67487	63.535	ng	Qvalue 98
3) Pyridine	4.001	79	209372	65.637	ng	98
4) n-Nitrosodimethylamine	3.907	42	111310	65.071	ng	94
6) Aniline	7.532	93	294791	65.803	ng	98
8) 2-Chlorophenol	7.779	128	176533	70.297	ng	98
9) Benzaldehyde	7.344	77	118559	65.963	ng	98
10) Phenol	7.379	94	244914	67.267	ng	98
11) bis(2-Chloroethyl)ether	7.626	93	174337	65.126	ng	100
12) 1,3-Dichlorobenzene	8.113	146	186290	64.452	ng	99
13) 1,4-Dichlorobenzene	8.254	146	188553	64.156	ng	95
14) 1,2-Dichlorobenzene	8.583	146	183593	64.766	ng	98
15) Benzyl Alcohol	8.448	79	185157	68.201	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.742	45	459295	65.410	ng	100
17) 2-Methylphenol	8.648	107	162536	67.237	ng	98
18) Hexachloroethane	9.324	117	67237	65.193	ng	99
19) n-Nitroso-di-n-propyla...	9.030	70	155683	68.424	ng	99
20) 3+4-Methylphenols	8.983	107	228995	67.359	ng	98
22) Acetophenone	9.048	105	297413	64.759	ng	# 96
24) Nitrobenzene	9.430	77	220774	72.567	ng	98
25) Isophorone	9.958	82	449298	66.940	ng	99
26) 2-Nitrophenol	10.146	139	76368	63.945	ng	98
27) 2,4-Dimethylphenol	10.193	122	173061	69.317	ng	97
28) bis(2-Chloroethoxy)met...	10.440	93	248699	65.078	ng	99
29) 2,4-Dichlorophenol	10.681	162	188233	70.056	ng	96
30) 1,2,4-Trichlorobenzene	10.904	180	200988	65.837	ng	95
31) Naphthalene	11.098	128	605239	64.976	ng	99
32) Benzoic acid	10.340	122	130898m	65.612	ng	
33) 4-Chloroaniline	11.192	127	245101	67.699	ng	98
34) Hexachlorobutadiene	11.392	225	154303	64.630	ng	97
35) Caprolactam	11.968	113	71319	69.206	ng	96
36) 4-Chloro-3-methylphenol	12.297	107	228833	70.853	ng	100
37) 2-Methylnaphthalene	12.690	142	447497	65.435	ng	98
38) 1-Methylnaphthalene	12.908	142	442677	65.402	ng	99
40) 1,2,4,5-Tetrachloroben...	13.055	216	290173	64.049	ng	100
41) Hexachlorocyclopentadiene	13.037	237	137727	67.540	ng	99
43) 2,4,6-Trichlorophenol	13.278	196	184771	71.299	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064574.D
 Acq On : 24 Oct 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:01:50 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	209320	69.994	ng	96
46) 1,1'-Biphenyl	13.683	154	606860	63.233	ng	98
47) 2-Chloronaphthalene	13.730	162	463792	64.022	ng	98
48) 2-Nitroaniline	13.913	65	163796	66.052	ng	95
49) Acenaphthylene	14.571	152	739728	64.738	ng	100
50) Dimethylphthalate	14.289	163	688128	66.616	ng	99
51) 2,6-Dinitrotoluene	14.400	165	114588	65.951	ng	95
52) Acenaphthene	14.911	154	510499	65.392	ng	98
53) 3-Nitroaniline	14.729	138	131776	74.231	ng	91
54) 2,4-Dinitrophenol	14.929	184	66900	65.082	ng	# 75
55) Dibenzofuran	15.240	168	804964	63.779	ng	97
56) 4-Nitrophenol	15.017	139	114408	69.512	ng	97
57) 2,4-Dinitrotoluene	15.187	165	175802	65.522	ng	# 100
58) Fluorene	15.887	166	627437	63.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.458	232	205529	71.870	ng	99
60) Diethylphthalate	15.652	149	695924	65.982	ng	99
61) 4-Chlorophenyl-phenyle...	15.875	204	359759	65.038	ng	99
62) 4-Nitroaniline	15.893	138	143839	72.832	ng	98
63) Azobenzene	16.169	77	633520	65.464	ng	99
65) 4,6-Dinitro-2-methylph...	15.945	198	94338	64.046	ng	93
66) n-Nitrosodiphenylamine	16.086	169	577835	65.944	ng	99
67) 4-Bromophenyl-phenylether	16.768	248	256556	66.740	ng	100
68) Hexachlorobenzene	16.891	284	293831	67.001	ng	96
69) Atrazine	17.026	200	254070	67.378	ng	97
70) Pentachlorophenol	17.226	266	193954	70.923	ng	91
71) Phenanthrene	17.626	178	1147317	64.676	ng	99
72) Anthracene	17.714	178	1171223	64.905	ng	99
73) Carbazole	17.972	167	1000680	62.887	ng	99
74) Di-n-butylphthalate	18.536	149	1165396	63.334	ng	99
75) Fluoranthene	19.618	202	1364891	61.419	ng	98
77) Benzidine	19.782	184	544918	71.348	ng	99
78) Pyrene	19.976	202	1437669	64.549	ng	99
80) Butylbenzylphthalate	20.857	149	477358	70.914	ng	98
81) Benzo(a)anthracene	21.839	228	1462488	64.702	ng	99
82) 3,3'-Dichlorobenzidine	21.739	252	497174	65.868	ng	99
83) Chrysene	21.909	228	1389821	64.621	ng	98
84) Bis(2-ethylhexyl)phtha...	21.750	149	681649	67.768	ng	98
85) Di-n-octyl phthalate	23.014	149	1142651	67.379	ng	100
87) Indeno(1,2,3-cd)pyrene	29.048	276	1729035	66.979	ng	98
88) Benzo(b)fluoranthene	24.142	252	1424640	66.207	ng	99
89) Benzo(k)fluoranthene	24.218	252	1436312	66.703	ng	99
90) Benzo(a)pyrene	25.052	252	1311701	66.315	ng	100
91) Dibenzo(a,h)anthracene	29.124	278	1394234	66.479	ng	99
92) Benzo(g,h,i)perylene	30.246	276	1347382	67.253	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

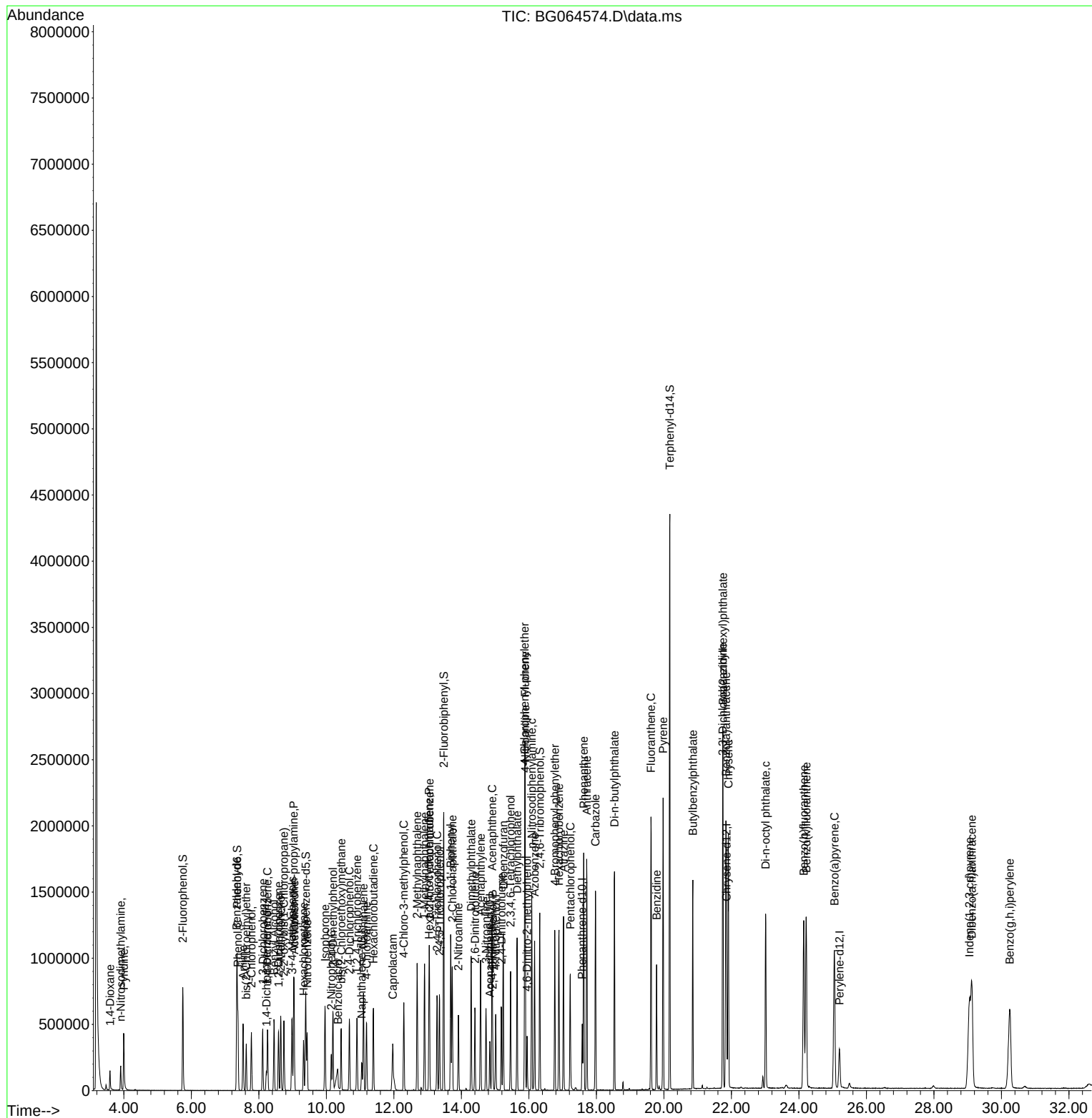
SSTDICC060

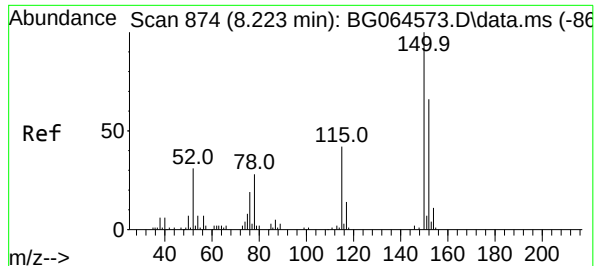
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

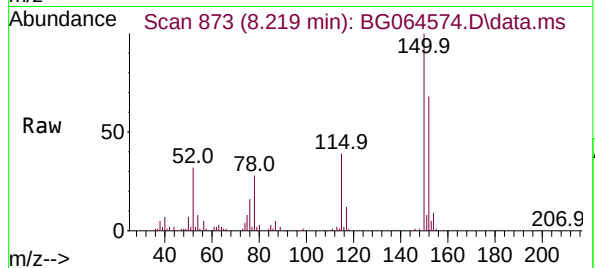
Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

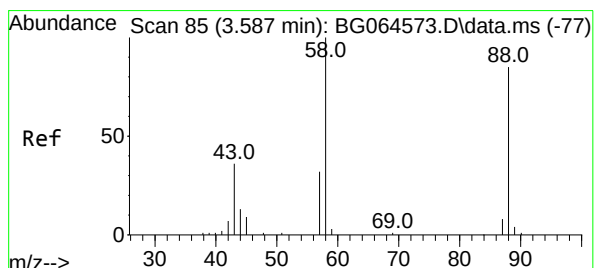
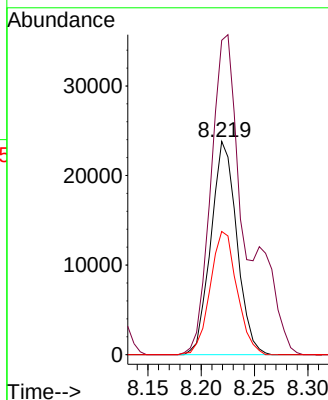
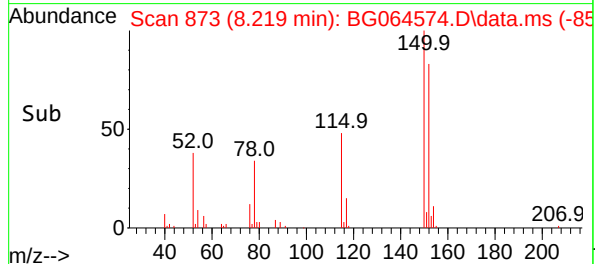
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 4027
Ion Ratio Lower Upper
152 100
150 147.4 122.2 183.4
115 57.8 50.8 76.2

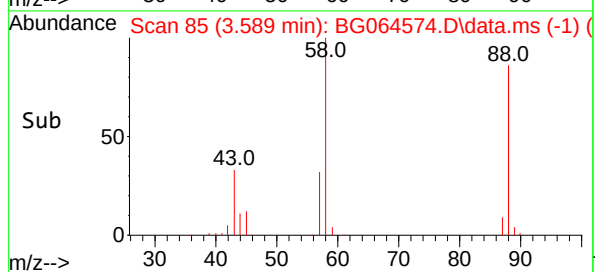
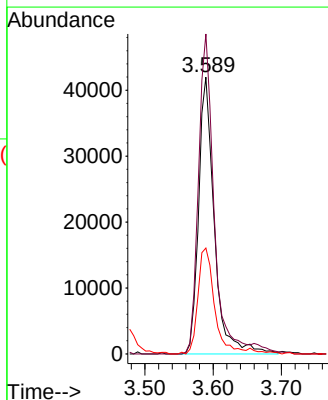
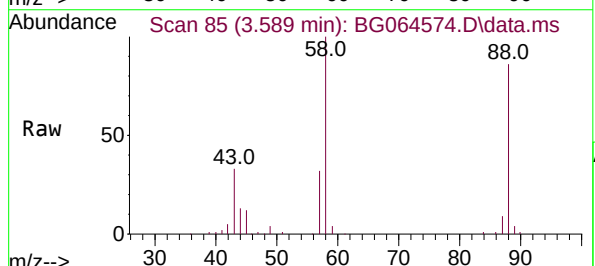
Manual Integrations
APPROVED

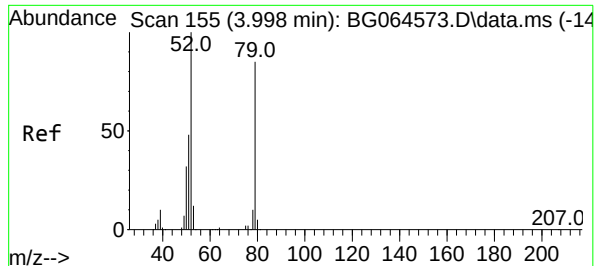
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 63.535 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

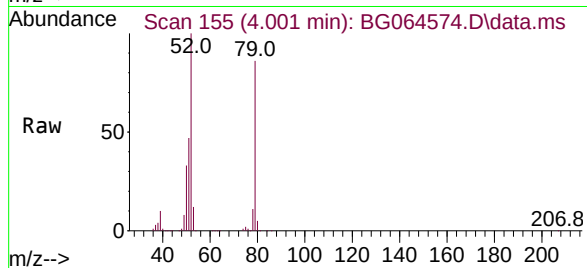
Tgt Ion: 88 Resp: 67487
Ion Ratio Lower Upper
88 100
58 113.3 92.4 138.6
43 40.0 33.0 49.6





#3
Pyridine
Concen: 65.637 ng
RT: 4.001 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

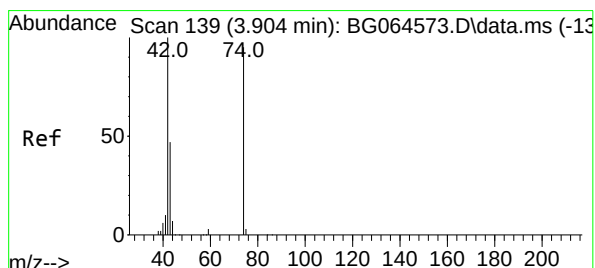
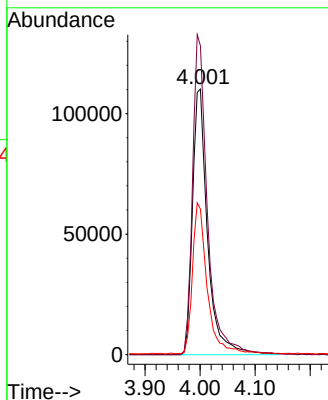
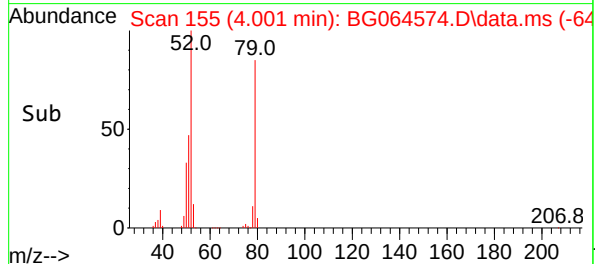
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 209372
Ion Ratio Lower Upper
79 100
52 116.3 94.2 141.2
51 54.8 46.1 69.1

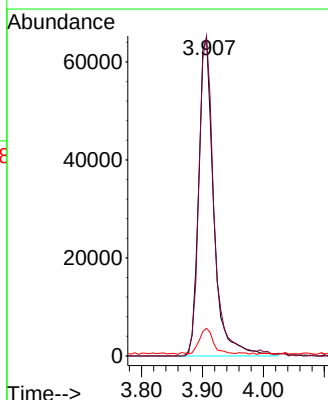
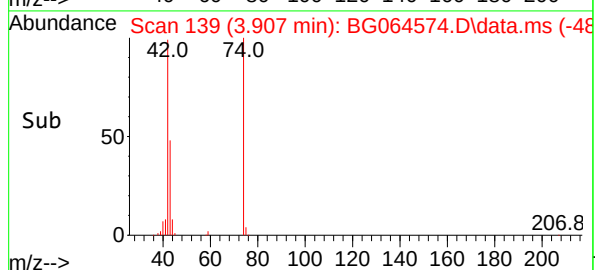
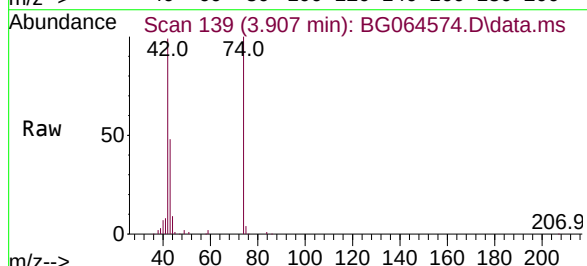
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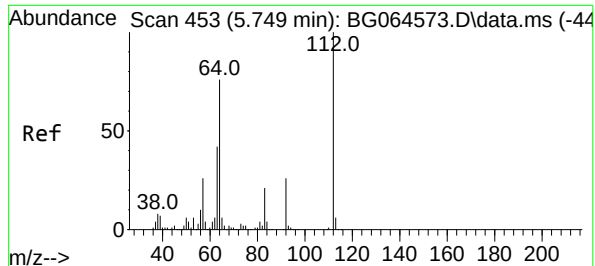
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 65.071 ng
RT: 3.907 min Scan# 139
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 42 Resp: 111310
Ion Ratio Lower Upper
42 100
74 100.7 76.1 114.1
44 8.7 6.3 9.5





#5

2-Fluorophenol

Concen: 132.728 ng

RT: 5.746 min Scan# 453

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 318446

Ion Ratio Lower Upper

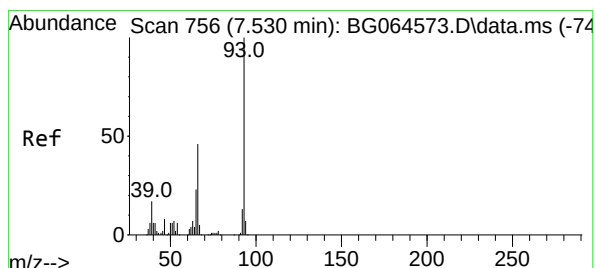
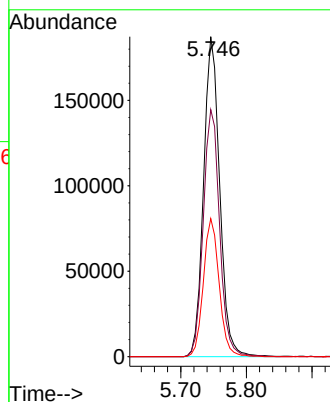
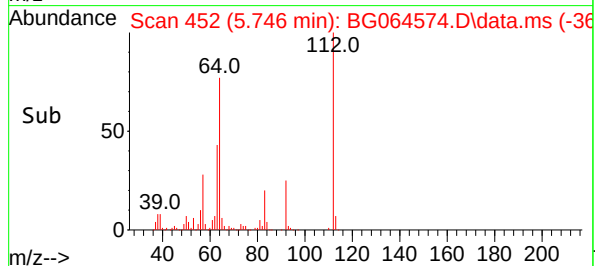
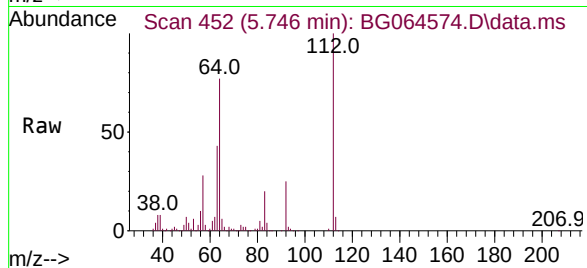
112 100

64 77.2 60.7 91.1

63 43.1 33.4 50.0

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#6

Aniline

Concen: 65.803 ng

RT: 7.532 min Scan# 756

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

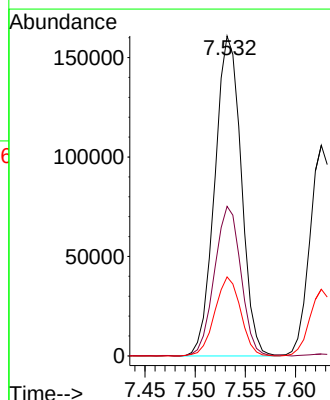
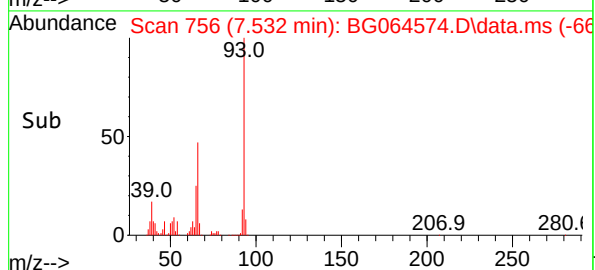
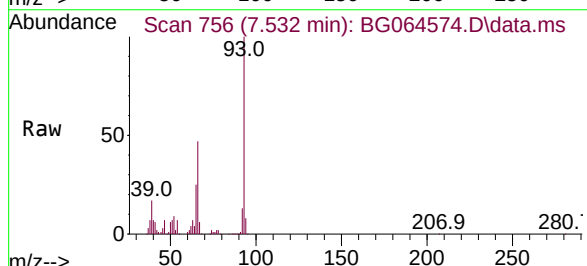
Tgt Ion: 93 Resp: 294791

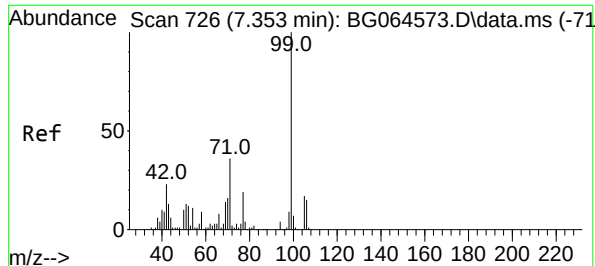
Ion Ratio Lower Upper

93 100

66 46.7 37.0 55.6

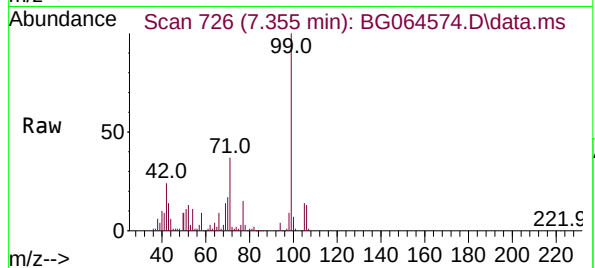
65 24.7 18.3 27.5





#7
Phenol-d6
Concen: 136.821 ng
RT: 7.355 min Scan# 726
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

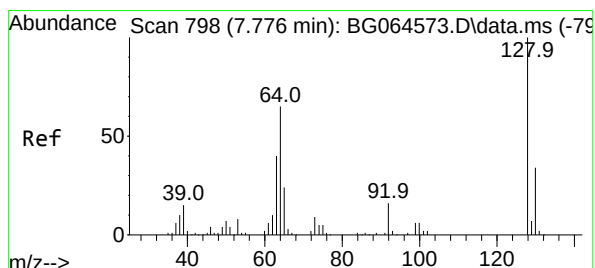
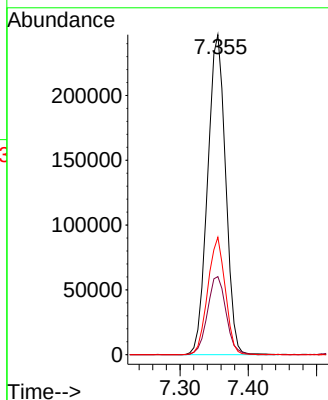
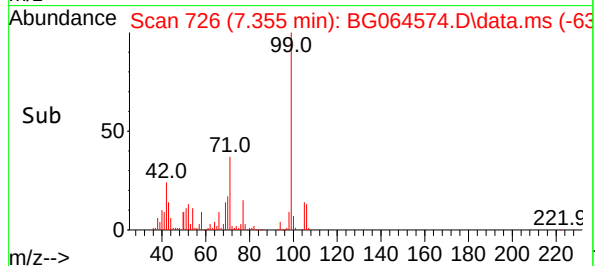
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 450449
Ion Ratio Lower Upper
99 100
42 24.4 18.3 27.5
71 36.7 28.6 43.0

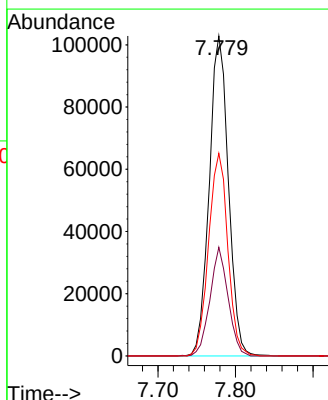
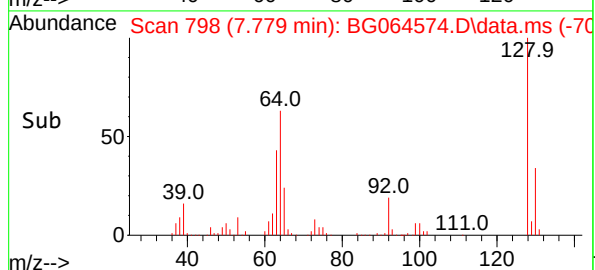
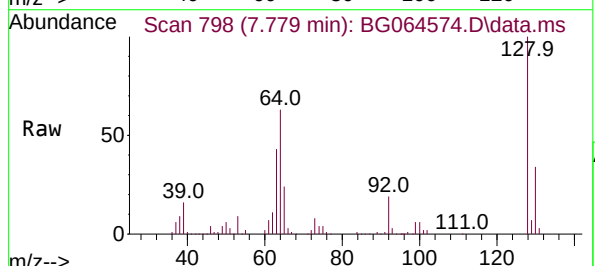
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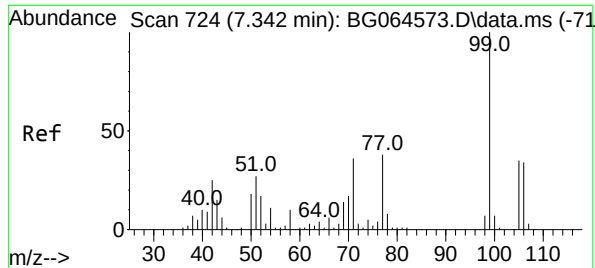
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 70.297 ng
RT: 7.779 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

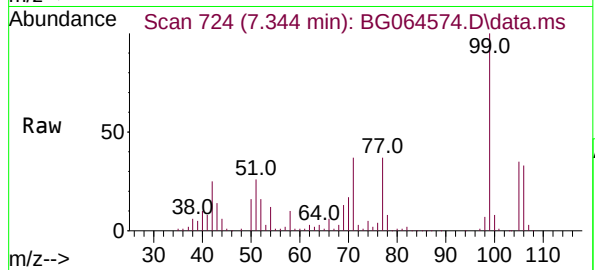
Tgt Ion:128 Resp: 176533
Ion Ratio Lower Upper
128 100
130 33.9 13.5 53.5
64 63.3 45.2 85.2





#9
Benzaldehyde
Concen: 65.963 ng
RT: 7.344 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

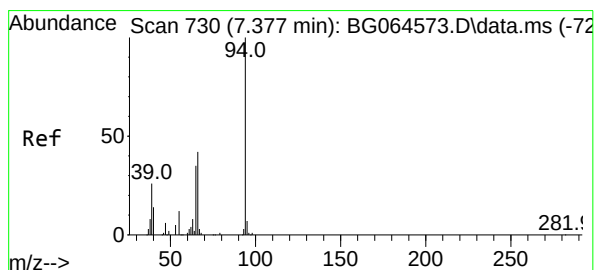
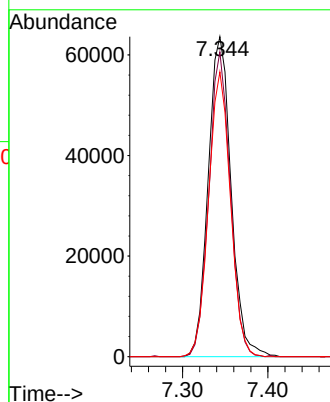
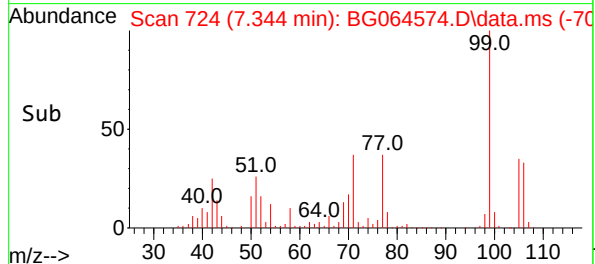
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 118559
Ion Ratio Lower Upper
77 100
105 95.2 72.9 112.9
106 89.0 70.8 110.8

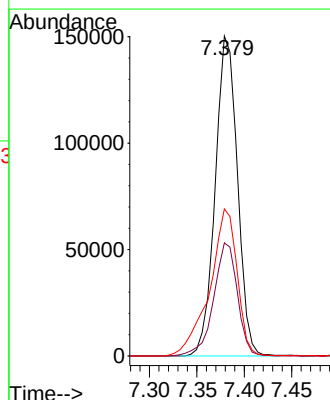
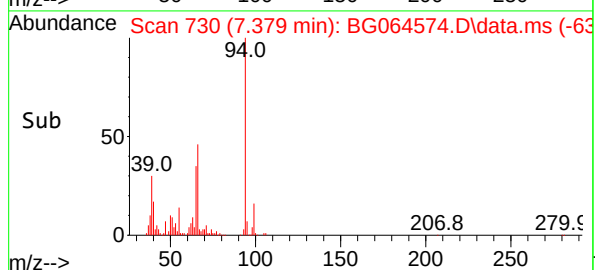
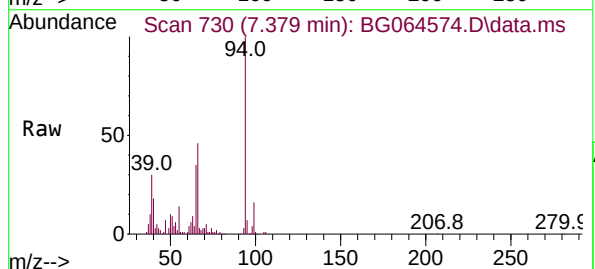
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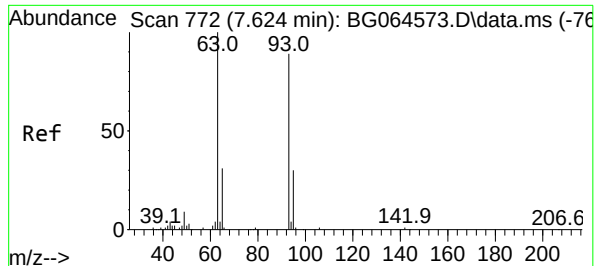
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 67.267 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 94 Resp: 244914
Ion Ratio Lower Upper
94 100
65 35.3 15.8 55.8
66 45.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 65.126 ng

RT: 7.626 min Scan# 772

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 17433

Ion Ratio Lower Upper

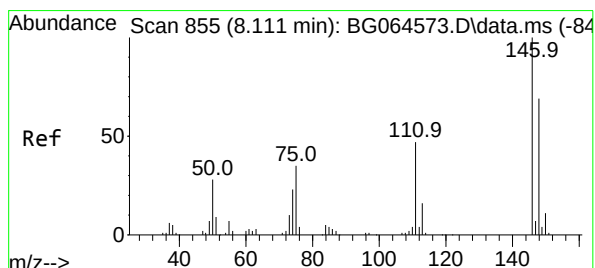
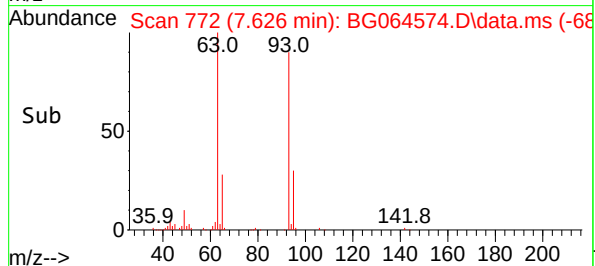
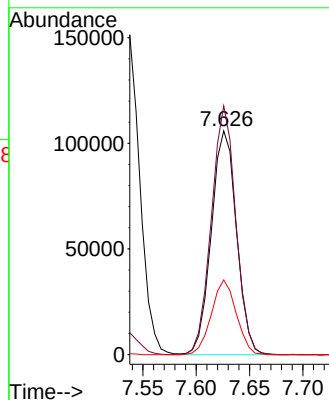
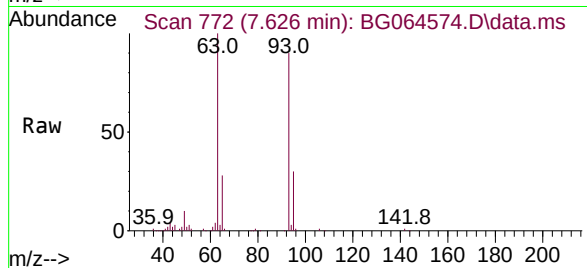
93 100

63 111.2 91.3 131.3

95 33.3 13.3 53.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#12

1,3-Dichlorobenzene

Concen: 64.452 ng

RT: 8.113 min Scan# 855

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

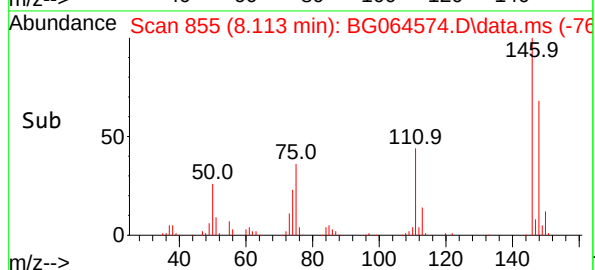
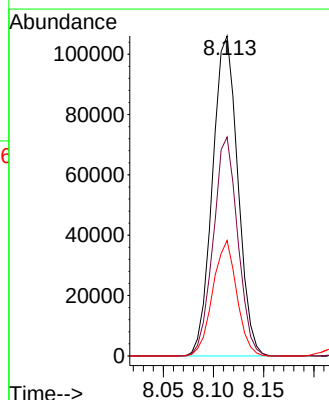
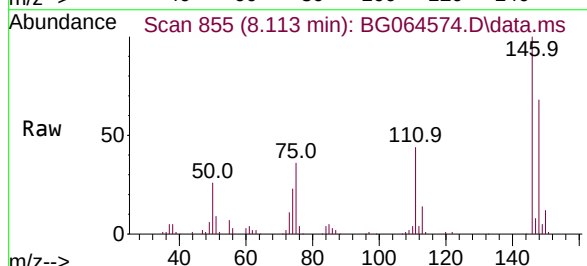
Tgt Ion:146 Resp: 186290

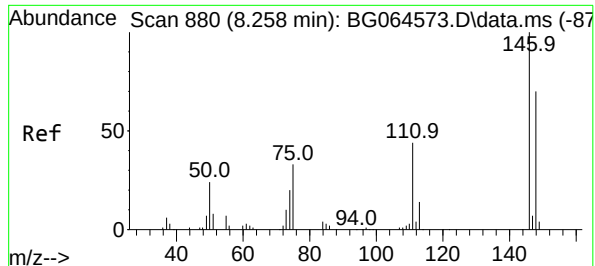
Ion Ratio Lower Upper

146 100

148 68.4 55.3 82.9

75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 64.156 ng

RT: 8.254 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 188553

Ion Ratio Lower Upper

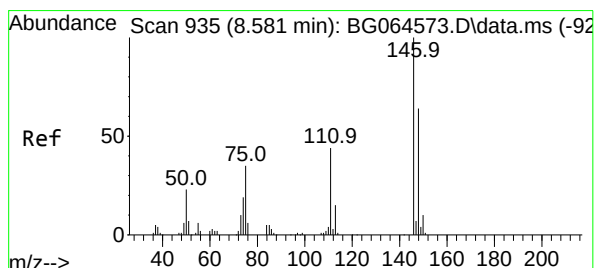
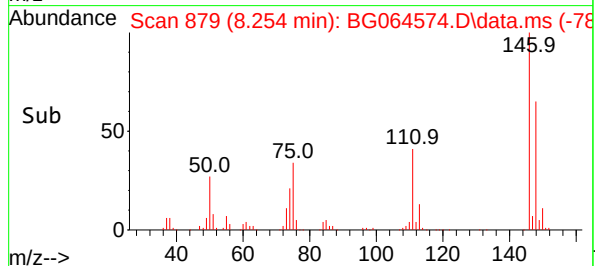
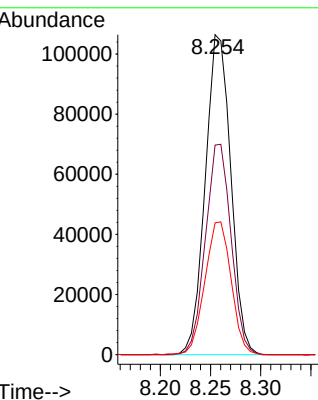
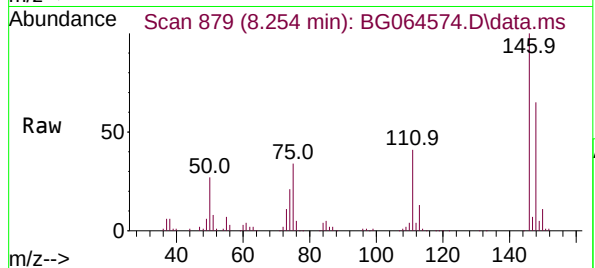
146 100

148 65.5 56.2 84.4

111 41.2 35.4 53.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#14

1,2-Dichlorobenzene

Concen: 64.766 ng

RT: 8.583 min Scan# 935

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

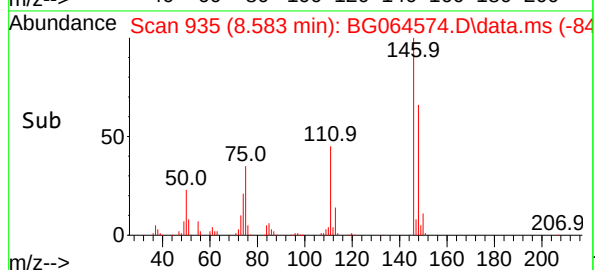
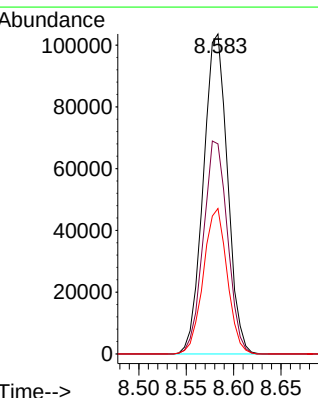
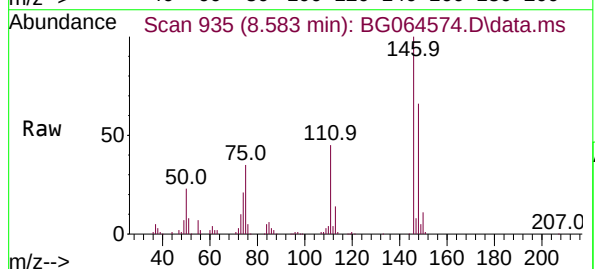
Tgt Ion:146 Resp: 183593

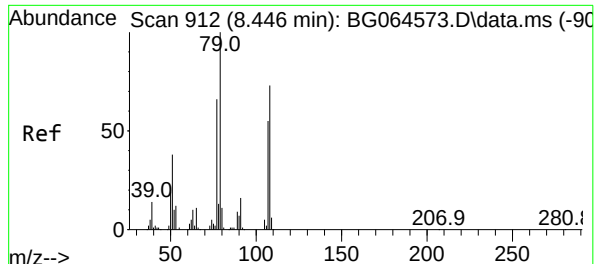
Ion Ratio Lower Upper

146 100

148 65.6 51.5 77.3

111 45.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 68.201 ng

RT: 8.448 min Scan# 912

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

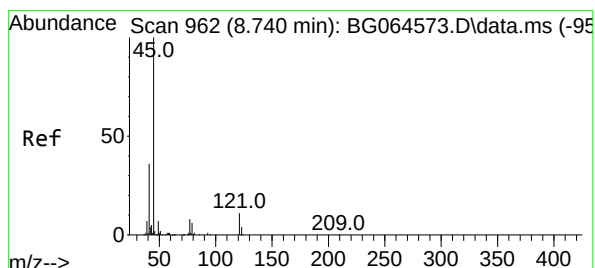
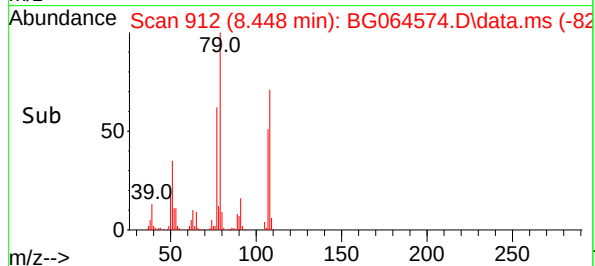
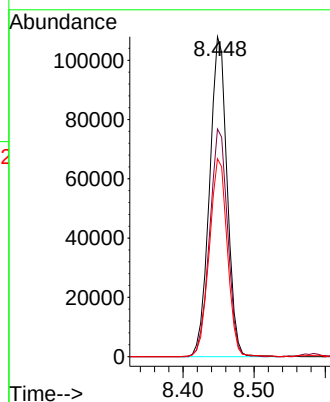
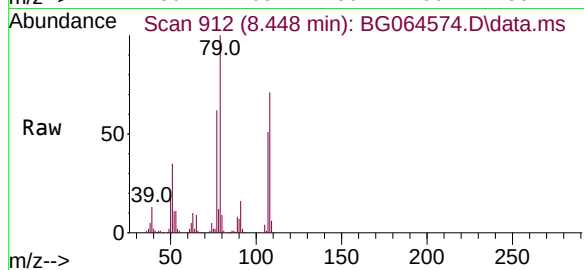
Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79	Resp: 18515
Ion Ratio	Lower Upper
79 100	
108 71.1	58.1 87.1
77 61.8	52.8 79.2

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 65.410 ng

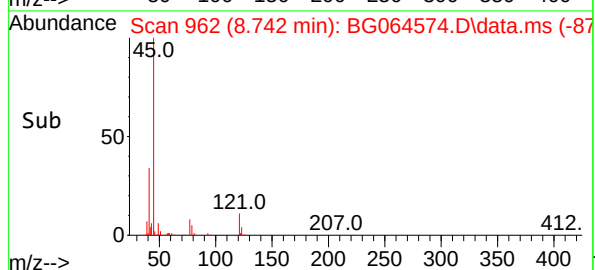
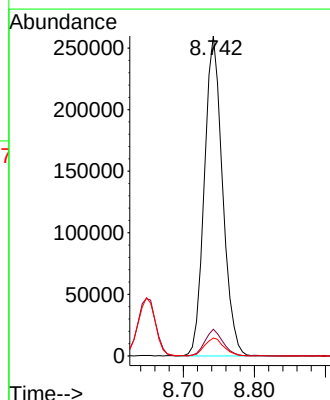
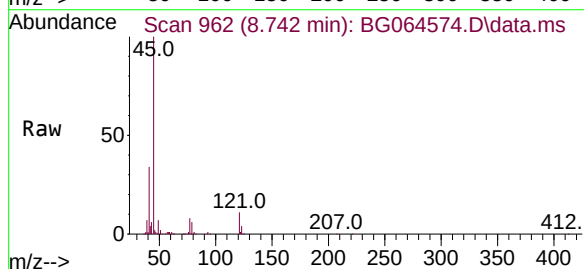
RT: 8.742 min Scan# 962

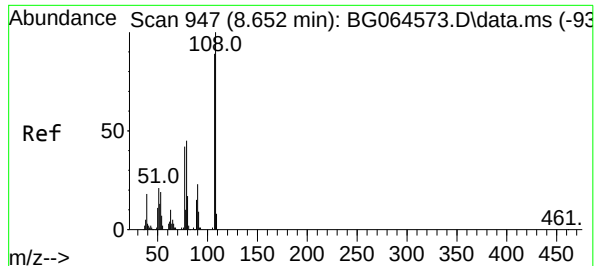
Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion: 45	Resp: 459295
Ion Ratio	Lower Upper
45 100	
77 8.3	0.0 28.5
79 5.6	0.0 25.6





#17

2-Methylphenol

Concen: 67.237 ng

RT: 8.648 min Scan# 94

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 162536

Ion Ratio Lower Upper

107 100

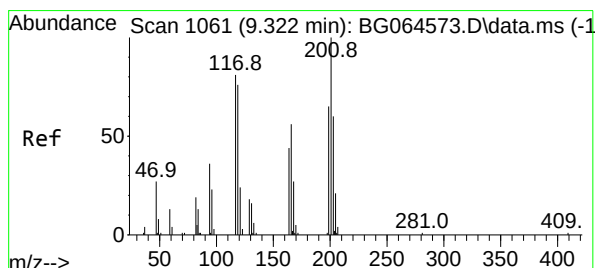
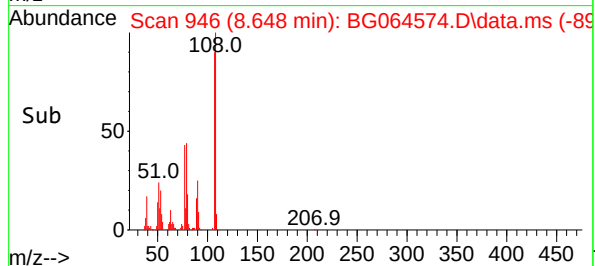
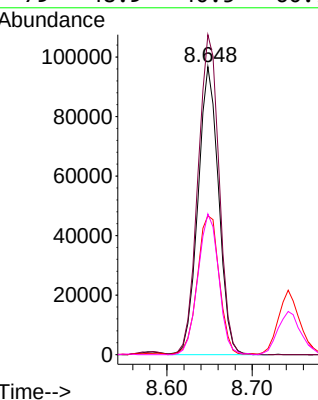
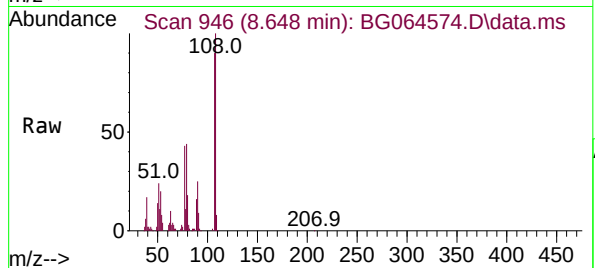
108 111.1 90.0 135.0

77 48.2 37.8 56.8

79 48.9 40.5 60.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#18

Hexachloroethane

Concen: 65.193 ng

RT: 9.324 min Scan# 1061

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

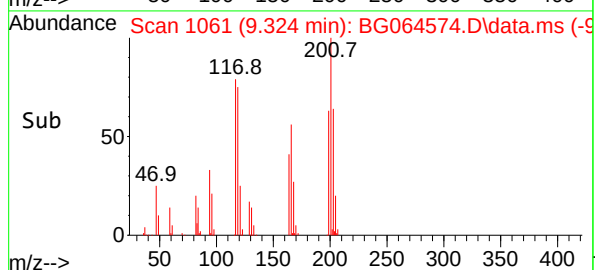
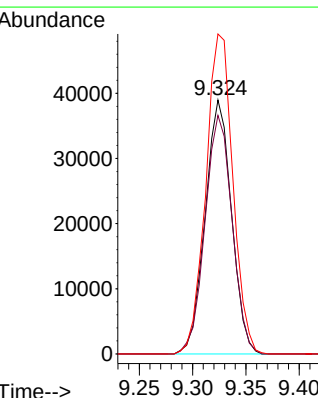
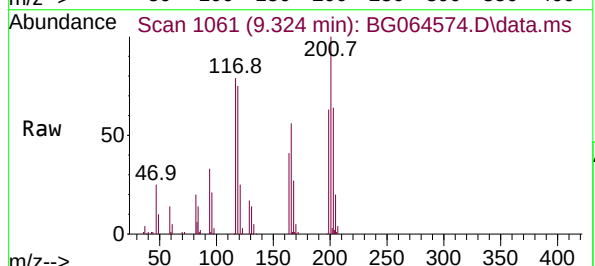
Tgt Ion:117 Resp: 67237

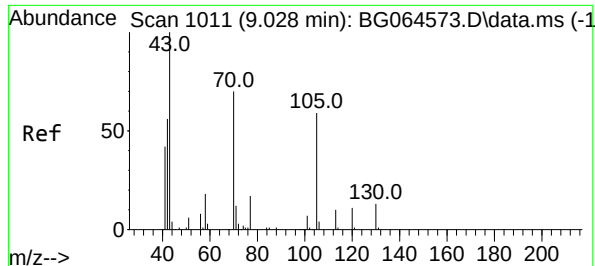
Ion Ratio Lower Upper

117 100

119 93.9 75.4 113.2

201 126.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 68.424 ng

RT: 9.030 min Scan# 1011

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 155683

Ion Ratio Lower Upper

70 100

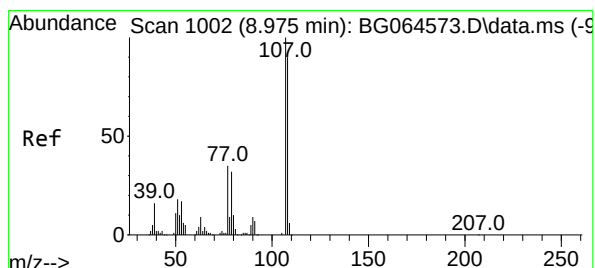
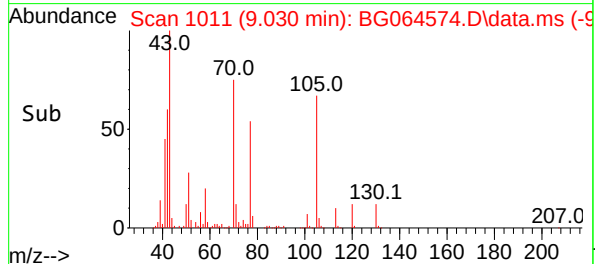
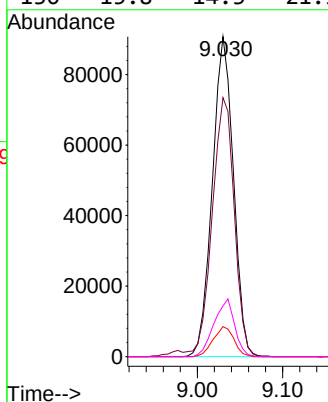
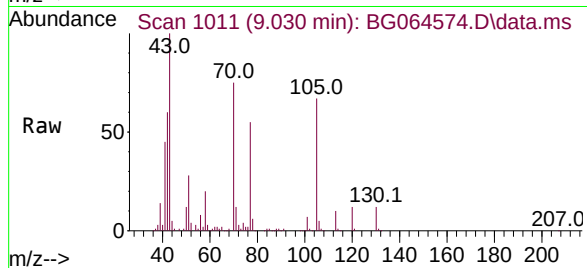
42 80.9 65.2 97.8

101 9.4 7.9 11.9

130 15.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#20

3+4-Methylphenols

Concen: 67.359 ng

RT: 8.983 min Scan# 1003

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228995

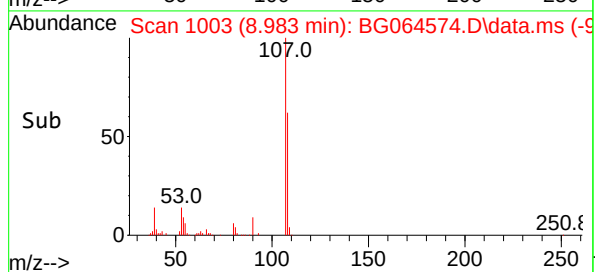
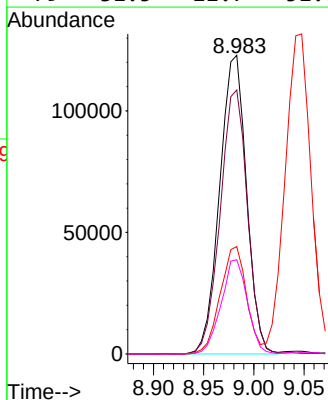
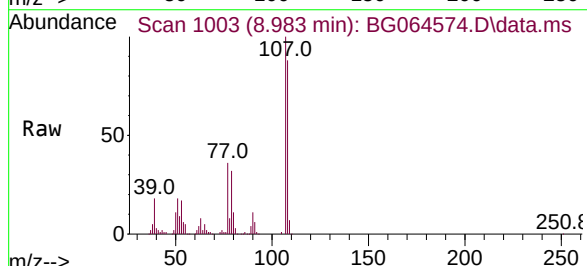
Ion Ratio Lower Upper

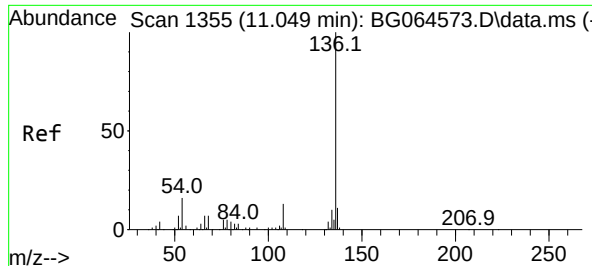
107 100

108 88.4 70.3 110.3

77 35.9 14.6 54.6

79 31.5 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.045 min Scan# 1355

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 168005

Ion Ratio Lower Upper

136 100

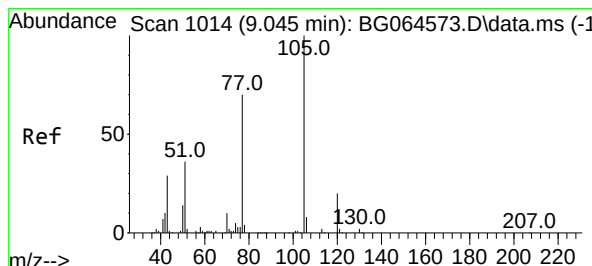
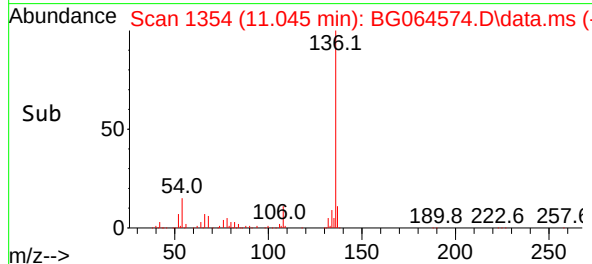
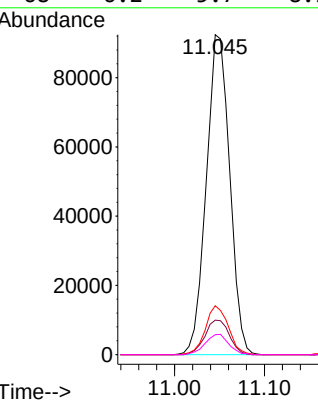
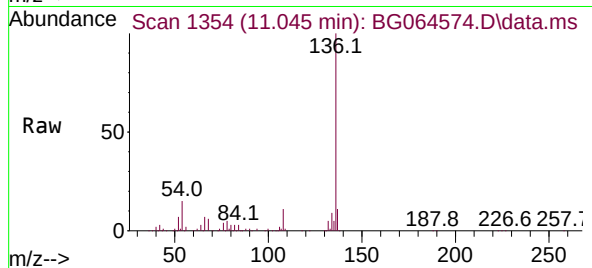
137 10.8 9.2 13.8

54 15.3 12.6 19.0

68 6.2 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#22

Acetophenone

Concen: 64.759 ng

RT: 9.048 min Scan# 1014

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:105 Resp: 297413

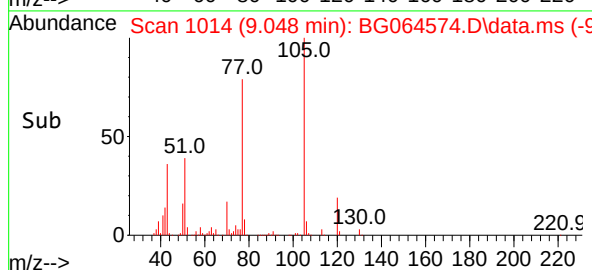
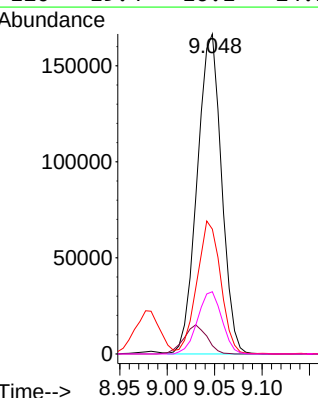
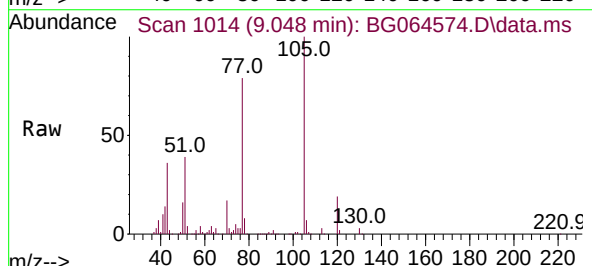
Ion Ratio Lower Upper

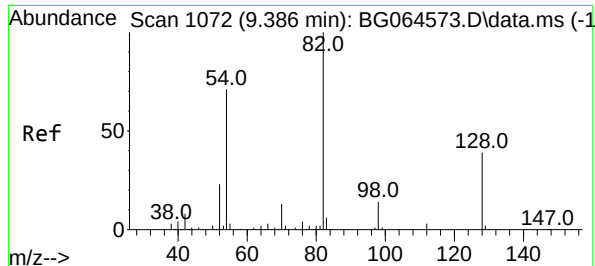
105 100

71 2.6 1.5 2.3#

51 39.0 33.7 50.5

120 19.4 16.1 24.1





#23

Nitrobenzene-d5

Concen: 145.243 ng

RT: 9.388 min Scan# 1072

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 406268

Ion Ratio Lower Upper

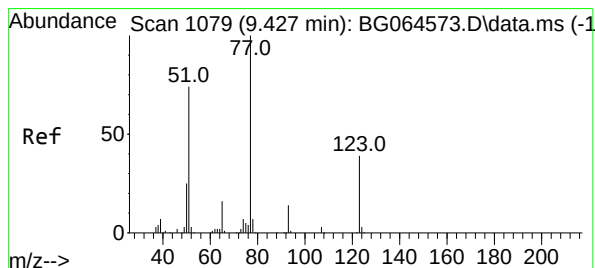
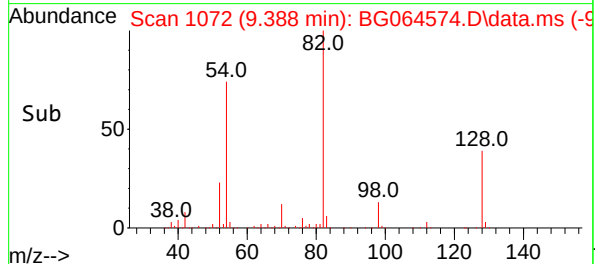
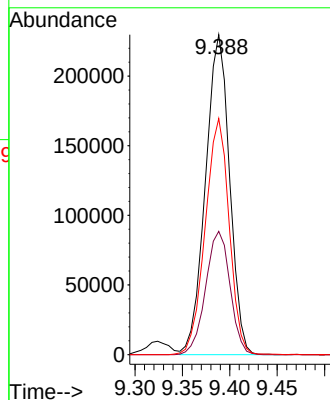
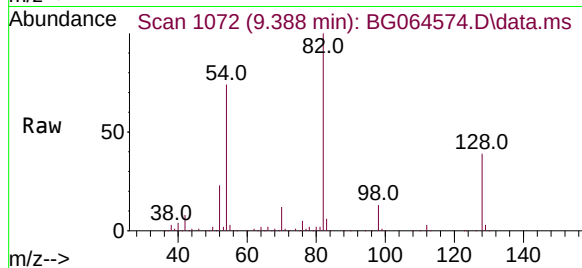
82 100

128 38.5 31.3 46.9

54 73.8 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#24

Nitrobenzene

Concen: 72.567 ng

RT: 9.430 min Scan# 1079

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

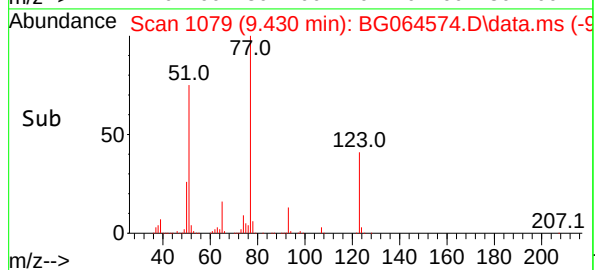
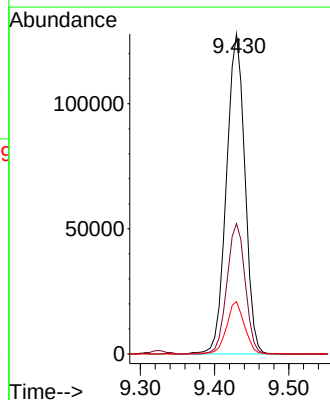
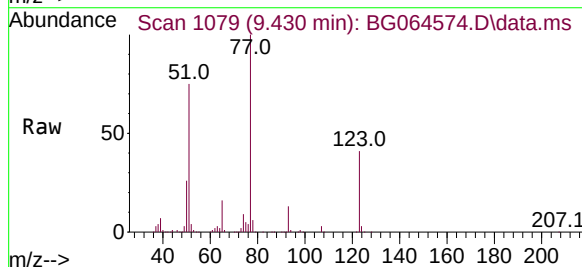
Tgt Ion: 77 Resp: 220774

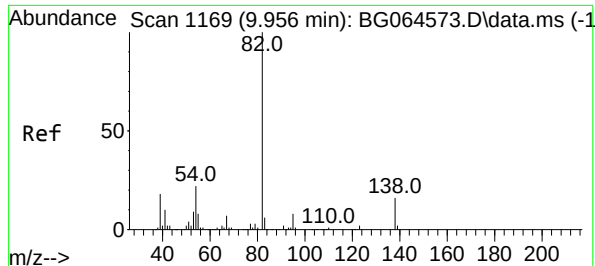
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 16.3 12.7 19.1





#25

Isophorone

Concen: 66.940 ng

RT: 9.958 min Scan# 1169

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

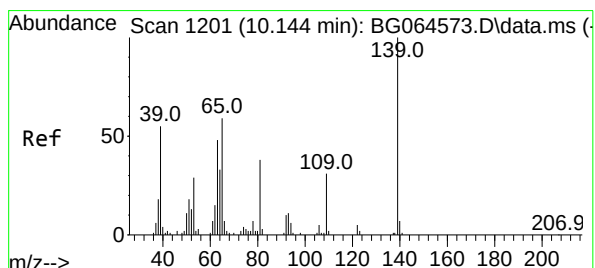
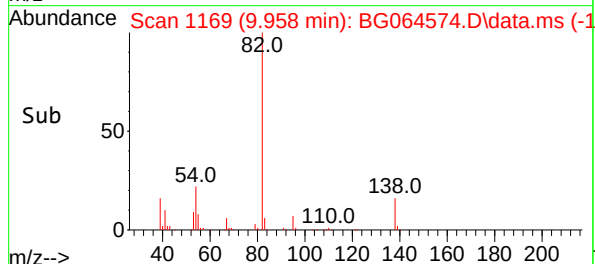
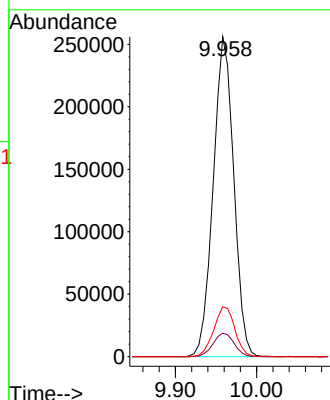
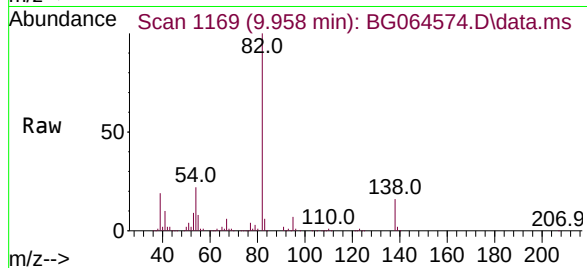
ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 449298
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 15.6 13.0 19.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 63.945 ng

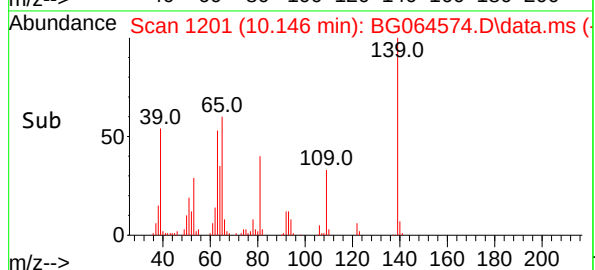
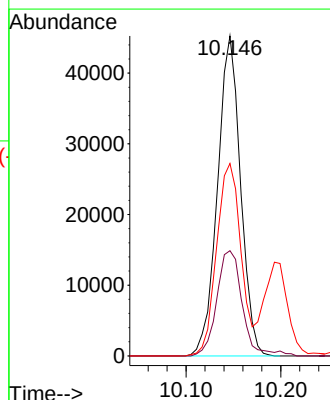
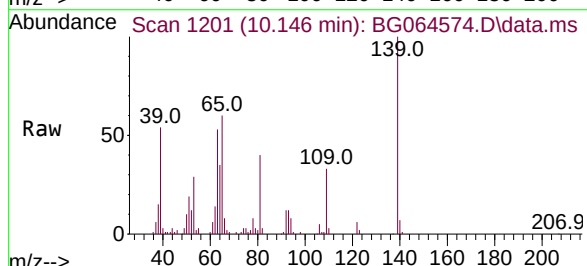
RT: 10.146 min Scan# 1201

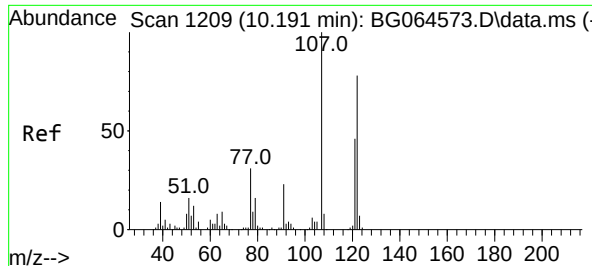
Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:139 Resp: 76368
Ion Ratio Lower Upper
139 100
109 32.9 24.6 37.0
65 60.1 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 69.317 ng

RT: 10.193 min Scan# 1209

Delta R.T. 0.002 min

Lab File: BG064574.D

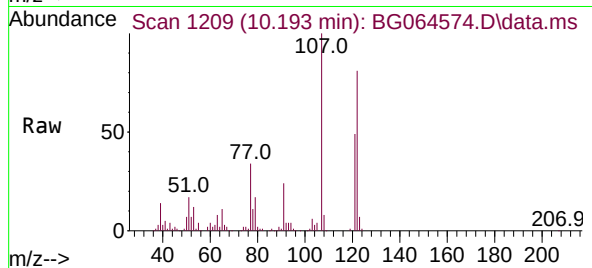
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 173061

Ion Ratio Lower Upper

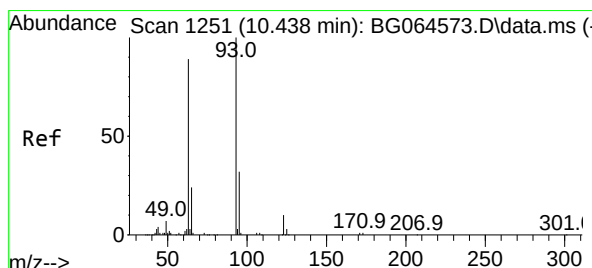
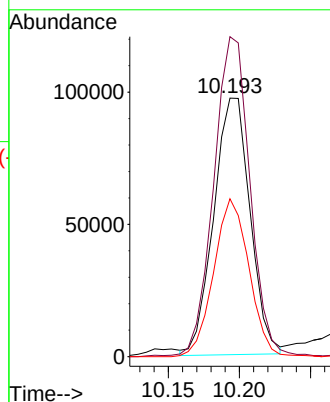
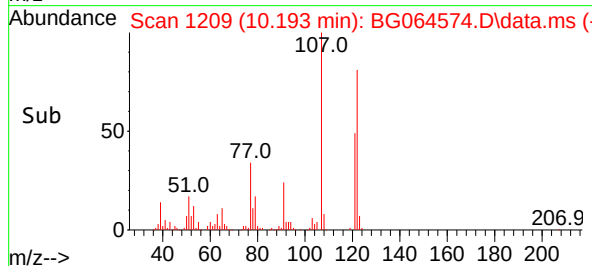
122 100

107 123.8 103.0 154.4

121 61.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#28

bis(2-Chloroethoxy)methane

Concen: 65.078 ng

RT: 10.440 min Scan# 1251

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

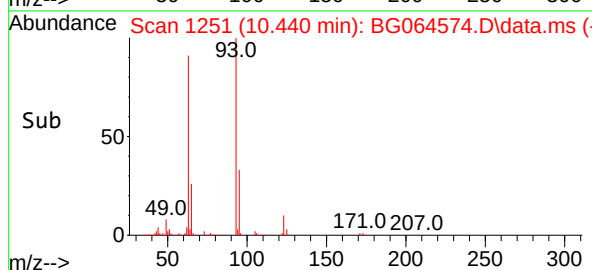
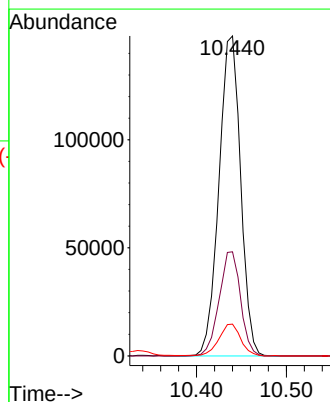
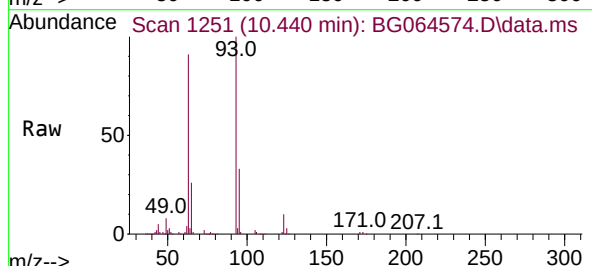
Tgt Ion: 93 Resp: 248699

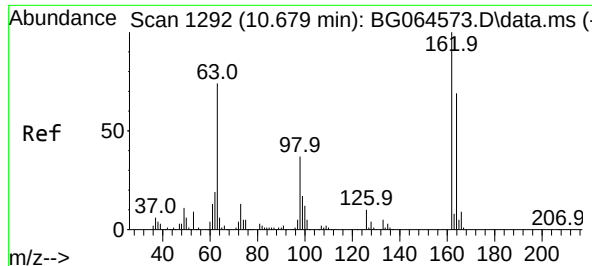
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.2

123 9.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 70.056 ng

RT: 10.681 min Scan# 1292

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 188233

Ion Ratio Lower Upper

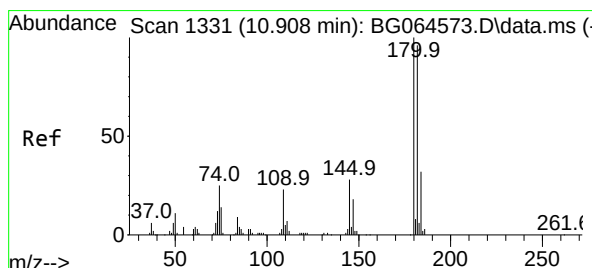
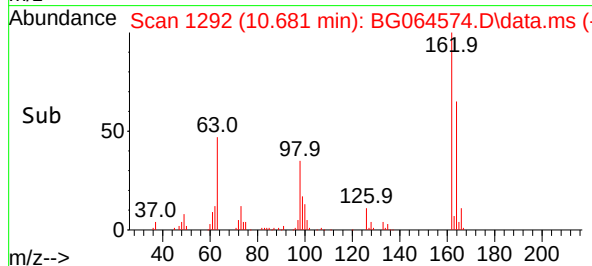
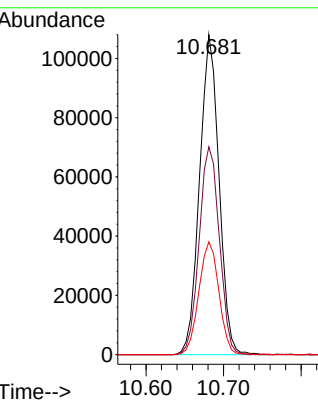
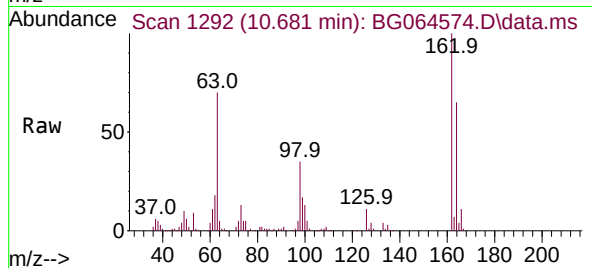
162 100

164 64.9 48.7 88.7

98 35.2 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#30

1,2,4-Trichlorobenzene

Concen: 65.837 ng

RT: 10.904 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

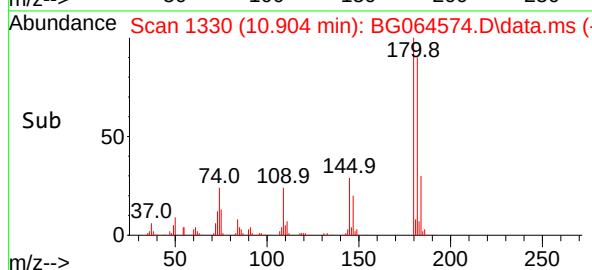
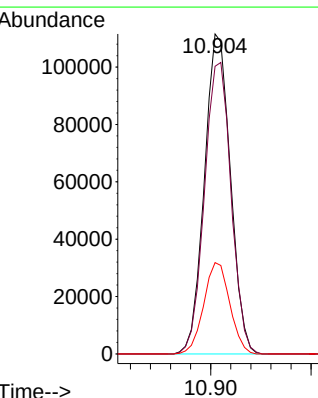
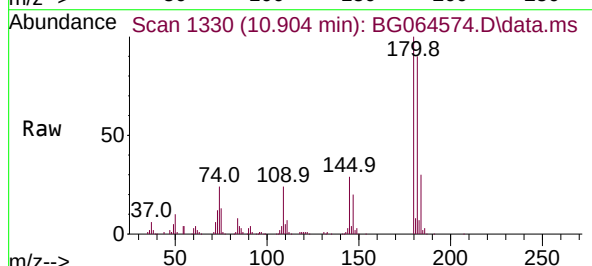
Tgt Ion:180 Resp: 200988

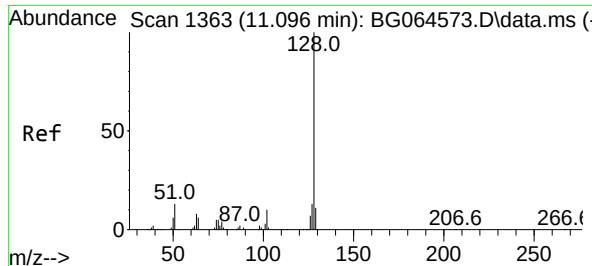
Ion Ratio Lower Upper

180 100

182 89.9 76.9 115.3

145 28.5 22.1 33.1





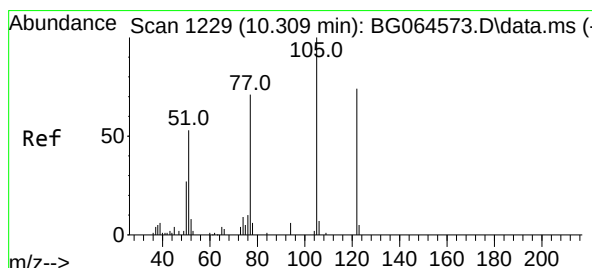
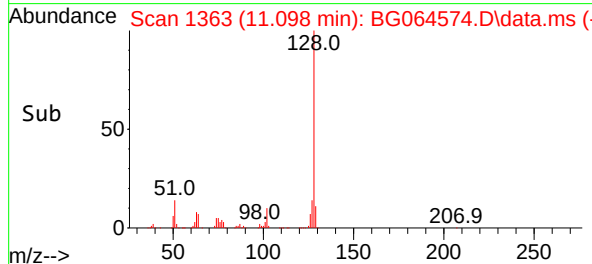
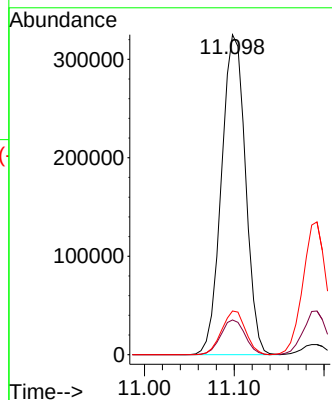
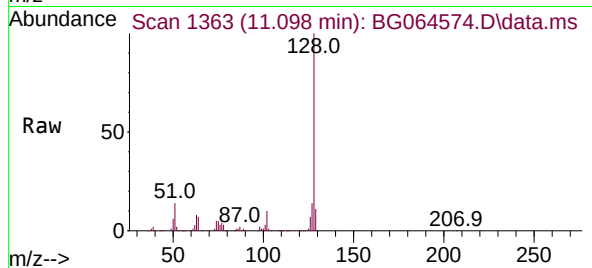
#31
Naphthalene
Concen: 64.976 ng
RT: 11.098 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 605239
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.6 15.8

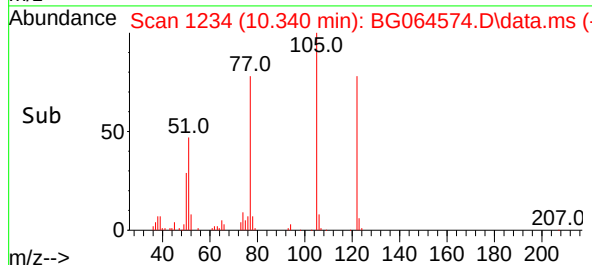
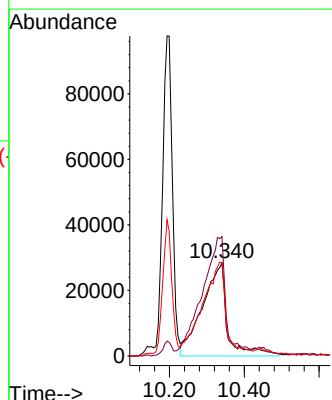
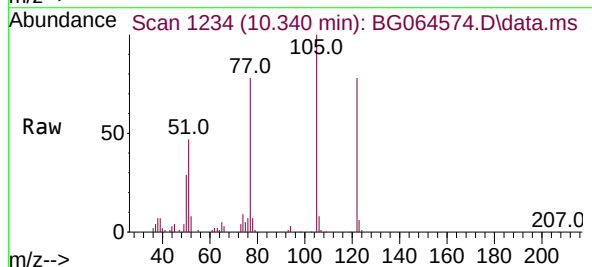
Manual Integrations
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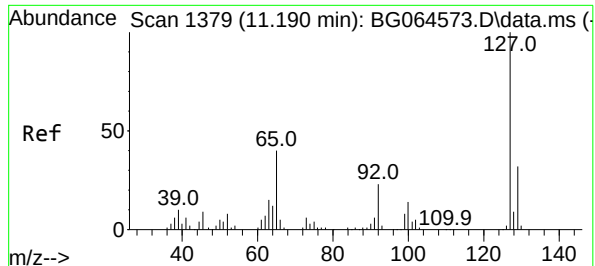
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 65.612 ng m
RT: 10.340 min Scan# 1234
Delta R.T. 0.031 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:122 Resp: 130898
Ion Ratio Lower Upper
122 100
105 128.3 104.2 144.2
77 99.8 70.2 110.2





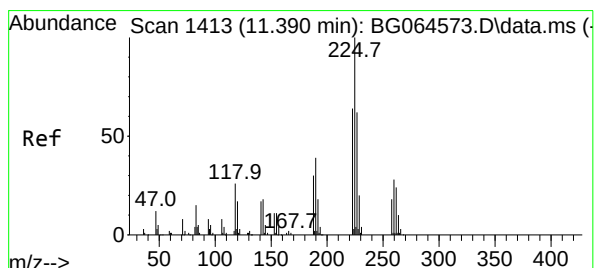
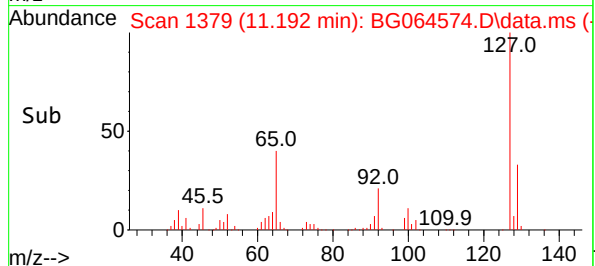
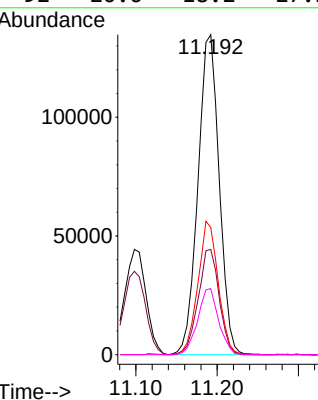
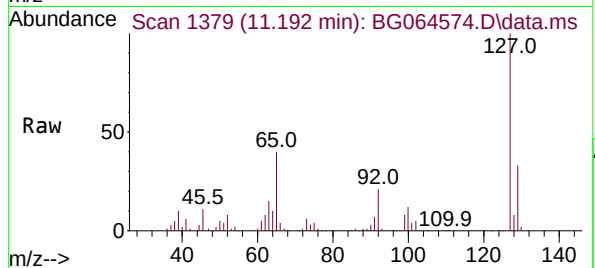
#33
4-Chloroaniline
Concen: 67.699 ng
RT: 11.192 min Scan# 1379
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 24510
Ion Ratio Lower Upper
127 100
129 32.9 25.5 38.3
65 39.7 32.2 48.4
92 20.6 18.2 27.2

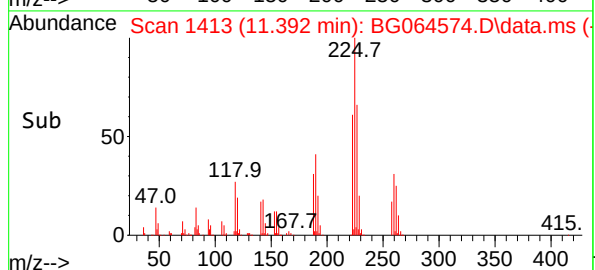
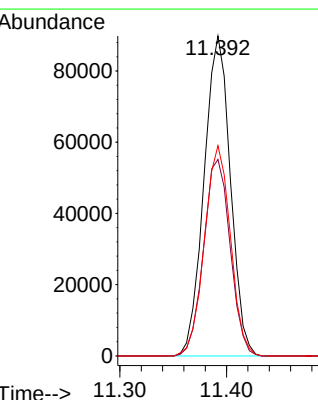
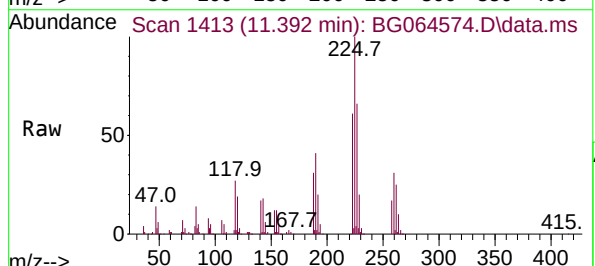
Manual Integrations
APPROVED

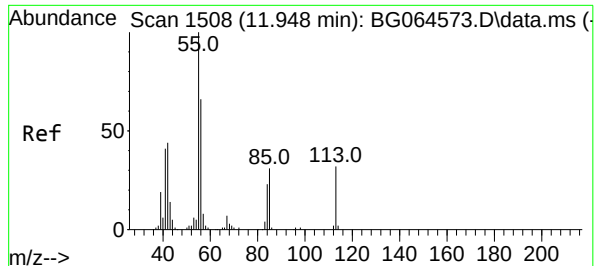
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 64.630 ng
RT: 11.392 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:225 Resp: 154303
Ion Ratio Lower Upper
225 100
223 61.4 48.8 73.2
227 65.7 49.5 74.3





#35

Caprolactam

Concen: 69.206 ng

RT: 11.968 min Scan# 1511

Delta R.T. 0.020 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

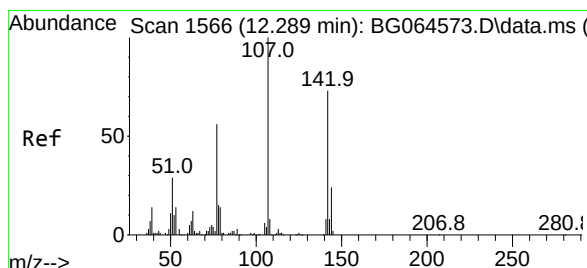
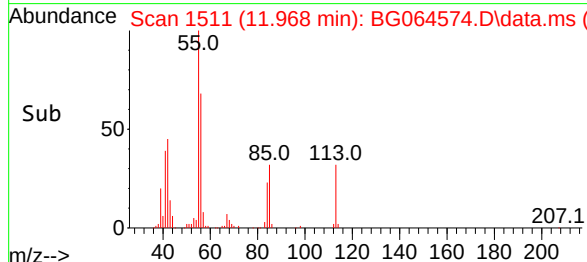
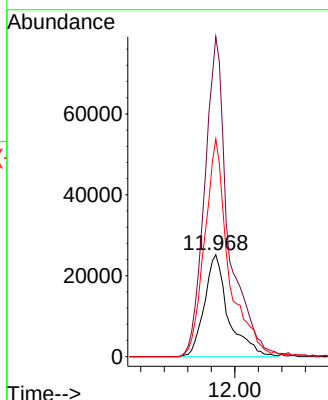
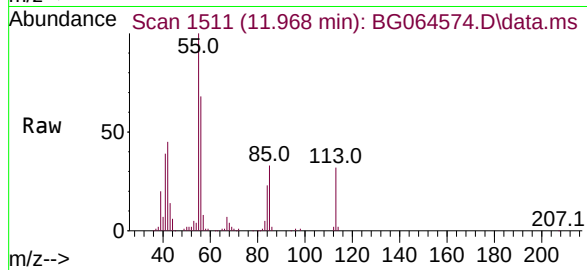
SSTDICC060

Tgt Ion:	113	Resp:	71319
Ion Ratio	Lower	Upper	
113	100		
55	314.3	290.1	330.1
56	213.7	183.8	223.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#36

4-Chloro-3-methylphenol

Concen: 70.853 ng

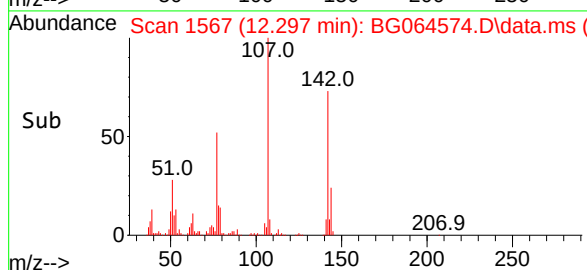
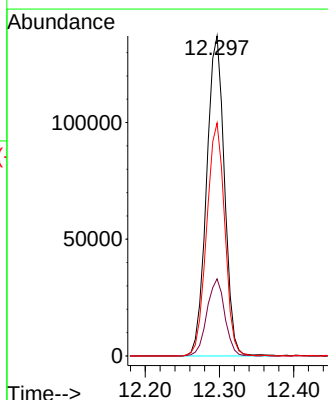
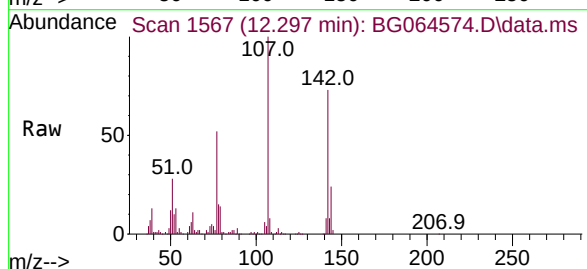
RT: 12.297 min Scan# 1567

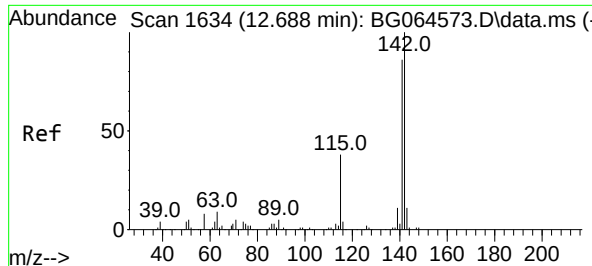
Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

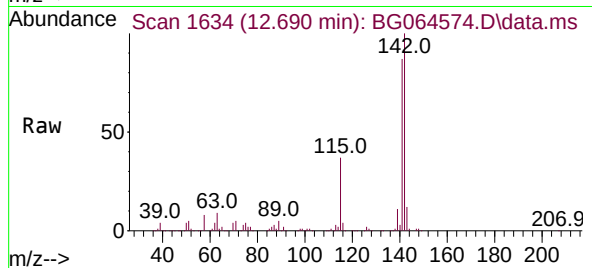
Tgt Ion:	107	Resp:	228833
Ion Ratio	Lower	Upper	
107	100		
144	24.1	19.1	28.7
142	72.8	58.6	87.8





#37
2-Methylnaphthalene
Concen: 65.435 ng
RT: 12.690 min Scan# 1634
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

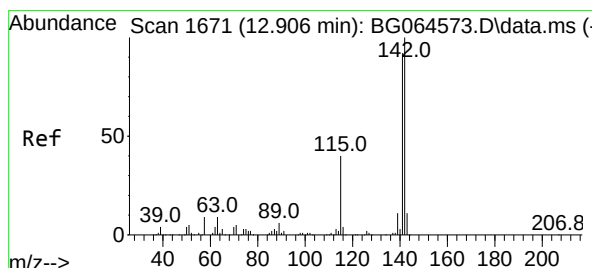
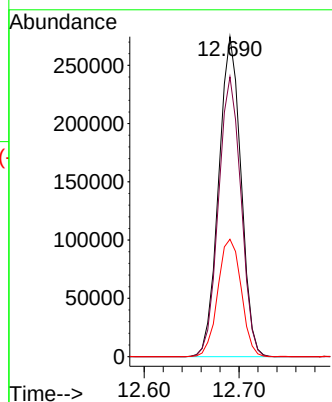
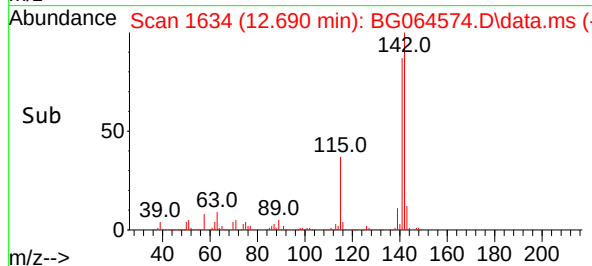
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



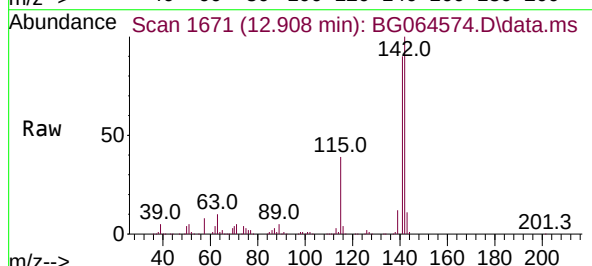
Tgt Ion:142 Resp: 447497
Ion Ratio Lower Upper
142 100
141 87.4 68.9 103.3
115 36.7 30.6 46.0

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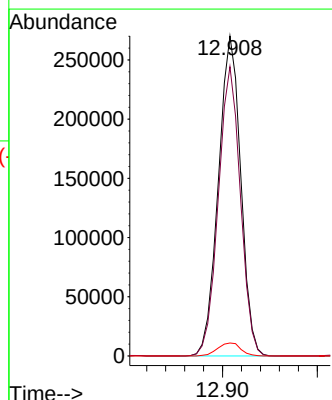
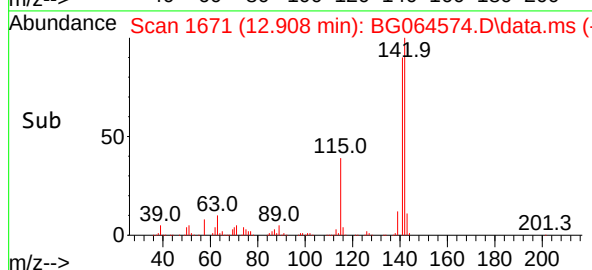
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

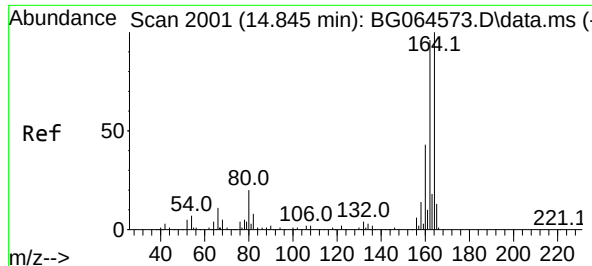


#38
1-Methylnaphthalene
Concen: 65.402 ng
RT: 12.908 min Scan# 1671
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:142 Resp: 442677
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.841 min Scan# 2001

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

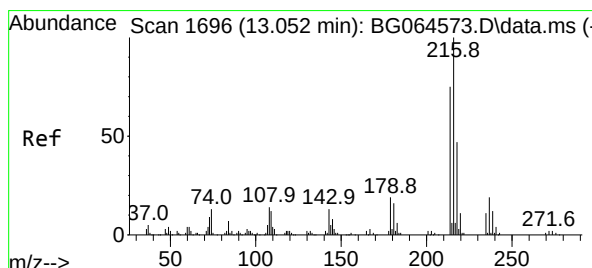
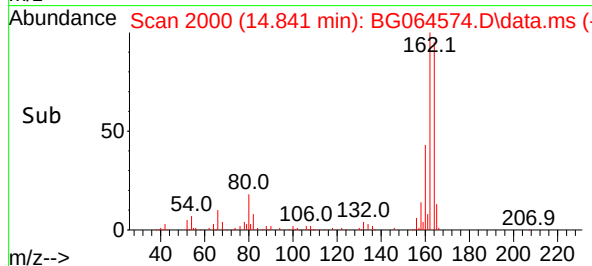
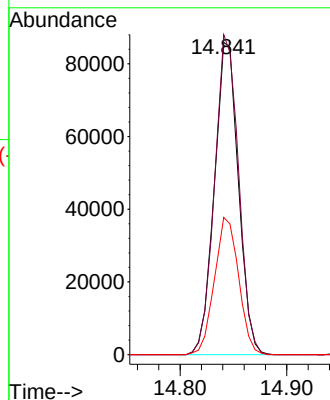
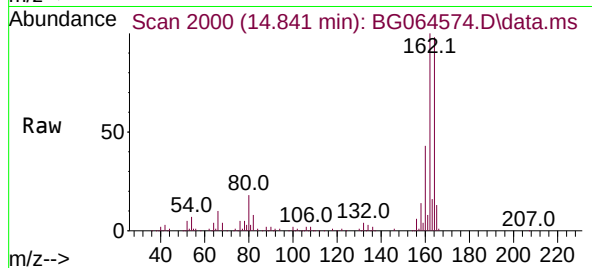
SSTDICC060

Tgt Ion:	164	Resp:	134994
Ion Ratio	Lower	Upper	
164	100		
162	102.5	77.0	115.6
160	43.9	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 64.049 ng

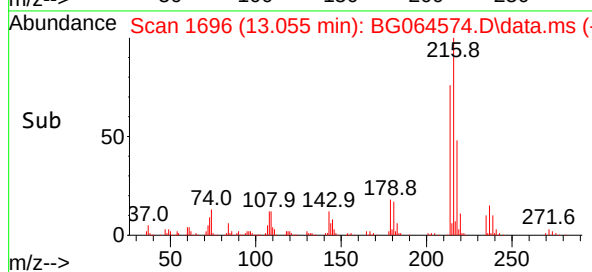
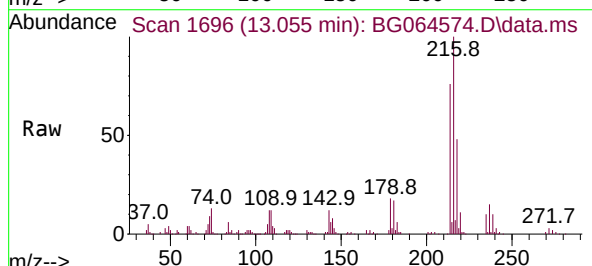
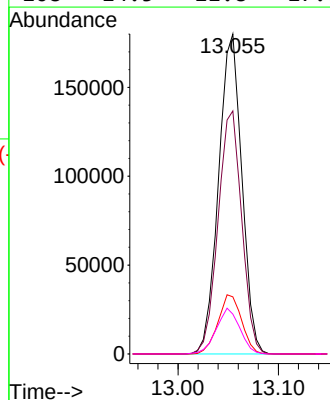
RT: 13.055 min Scan# 1696

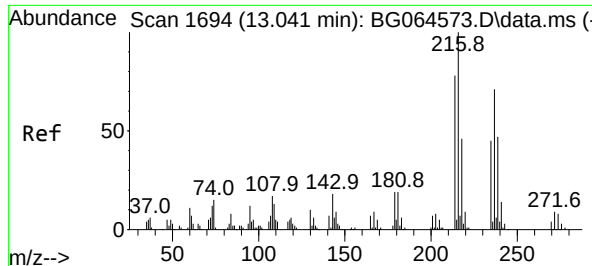
Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

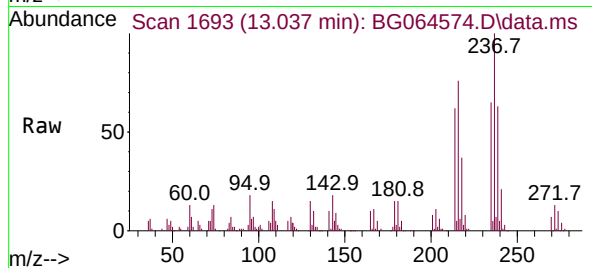
Tgt Ion:	216	Resp:	290173
Ion Ratio	Lower	Upper	
216	100		
214	77.0	61.4	92.2
179	18.8	15.4	23.0
108	14.5	11.8	17.6





#41
Hexachlorocyclopentadiene
Concen: 67.540 ng
RT: 13.037 min Scan# 1693
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

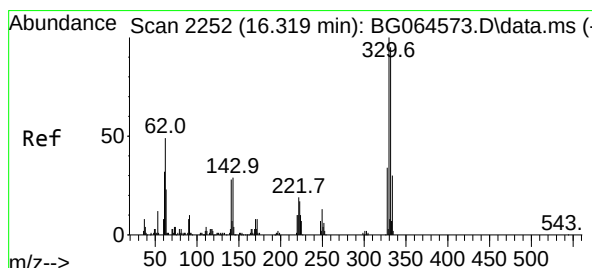
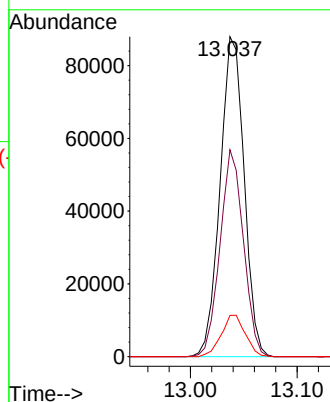
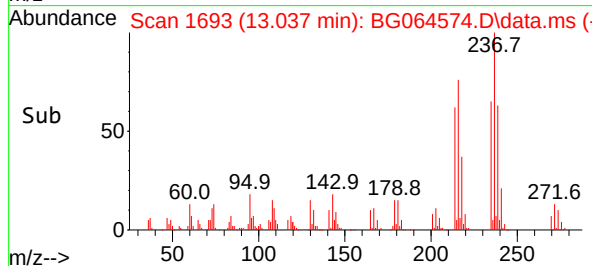
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:237 Resp: 13772
Ion Ratio Lower Upper
237 100
235 64.6 44.1 84.1
272 12.9 0.0 32.4

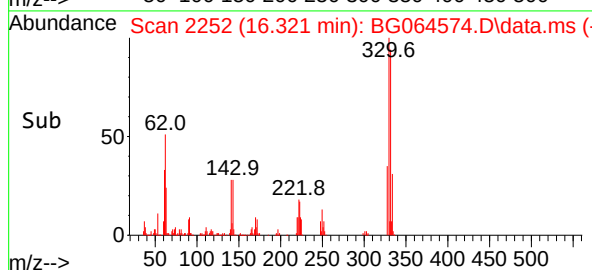
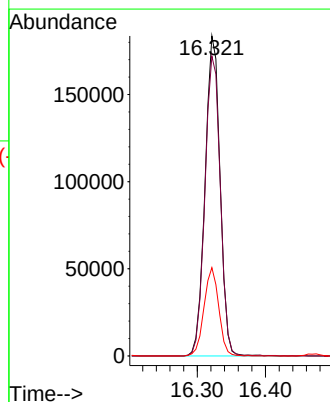
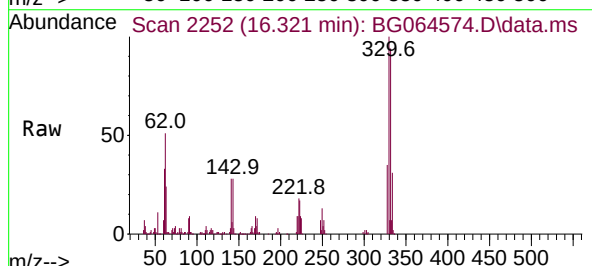
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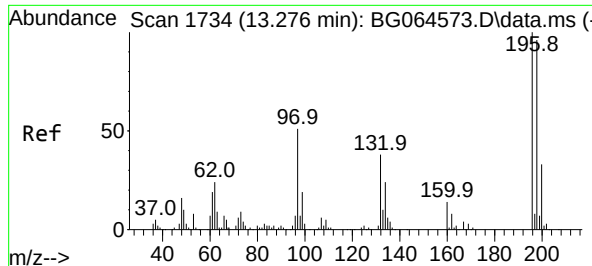
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 143.807 ng
RT: 16.321 min Scan# 2252
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:330 Resp: 280190
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.0 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 71.299 ng

RT: 13.278 min Scan# 1734

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 18477

Ion Ratio Lower Upper

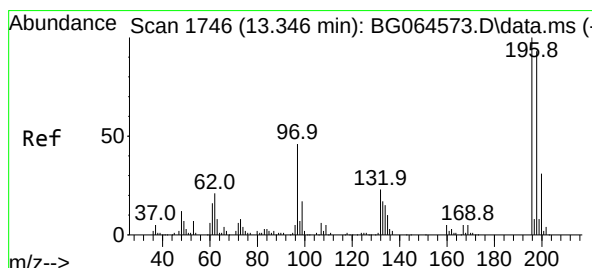
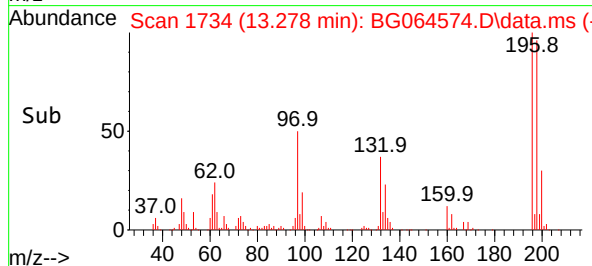
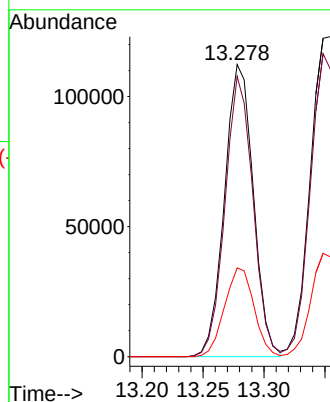
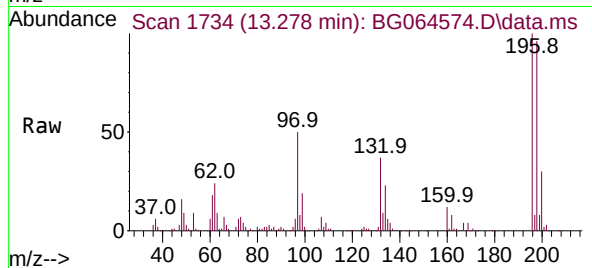
196 100

198 95.9 76.6 115.0

200 30.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#44

2,4,5-Trichlorophenol

Concen: 69.994 ng

RT: 13.354 min Scan# 1747

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:196 Resp: 209320

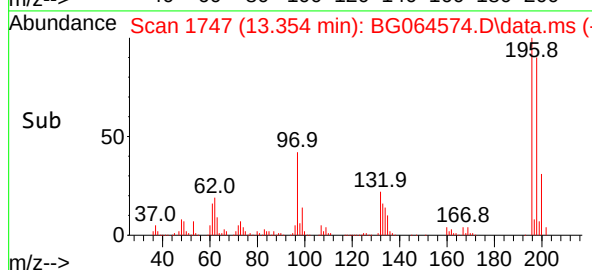
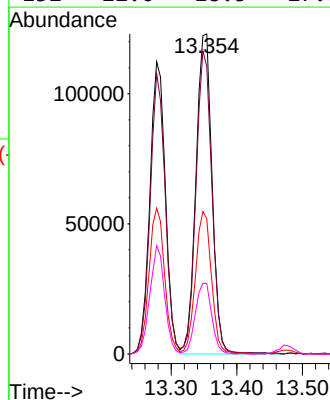
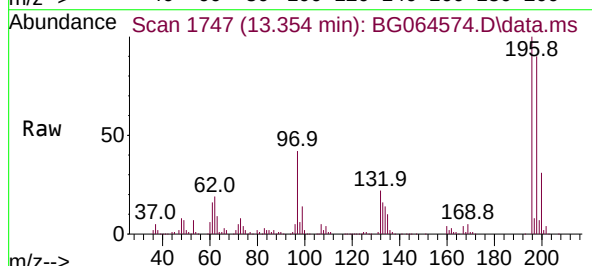
Ion Ratio Lower Upper

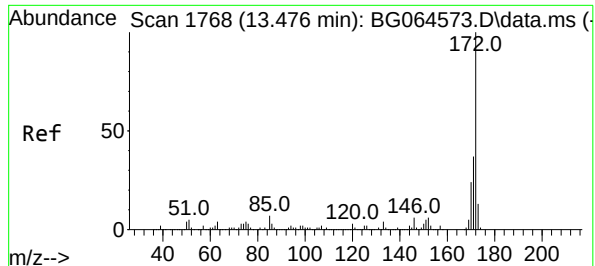
196 100

198 89.8 74.2 111.4

97 42.2 37.0 55.6

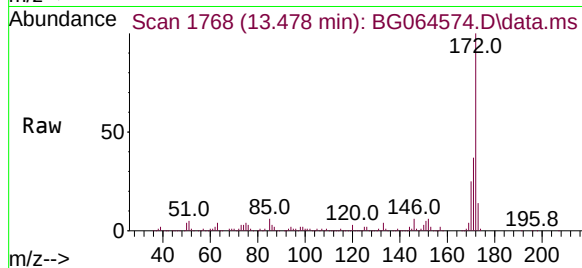
132 22.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 125.867 ng
RT: 13.478 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

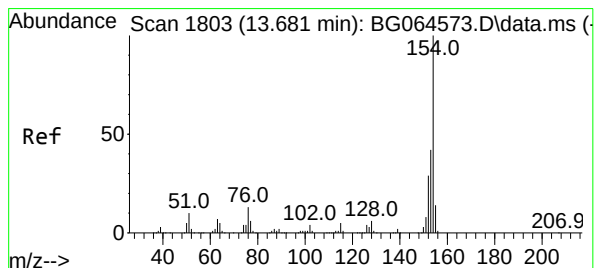
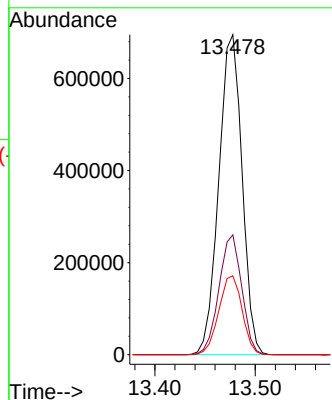
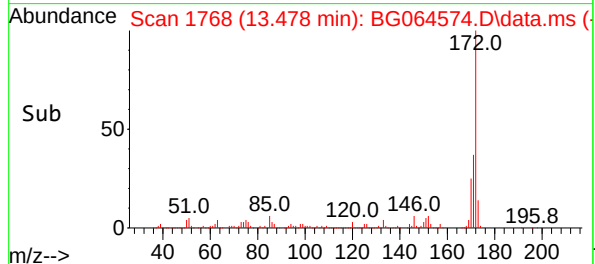
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



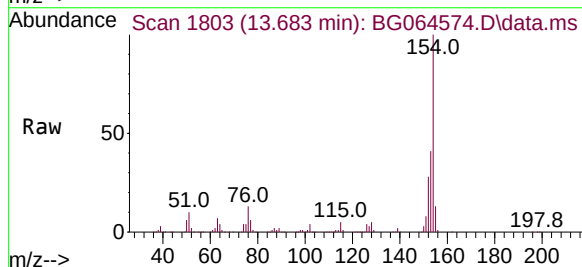
Tgt Ion:172 Resp: 1120989
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.6 19.1 28.7

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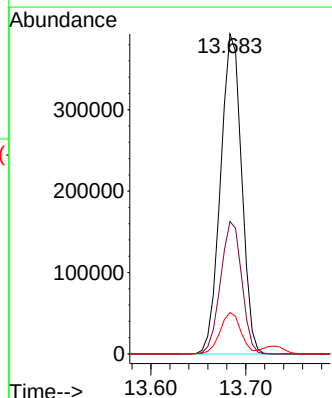
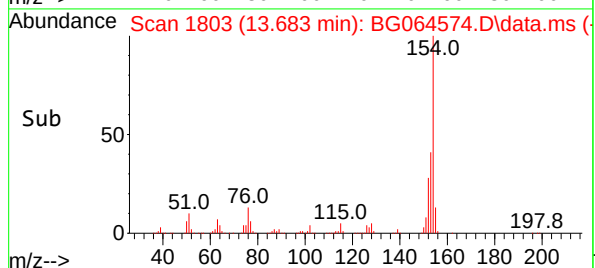
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

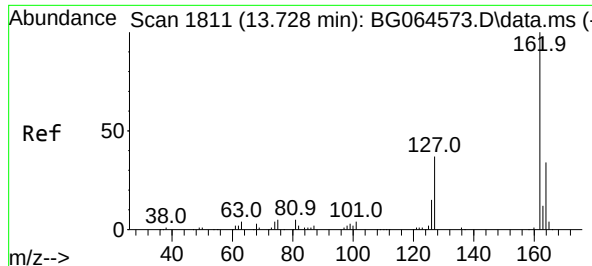


#46
1,1'-Biphenyl
Concen: 63.233 ng
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:154 Resp: 606860
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 12.9 0.0 33.5





#47

2-Chloronaphthalene

Concen: 64.022 ng

RT: 13.730 min Scan# 1811

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 463792

Ion Ratio Lower Upper

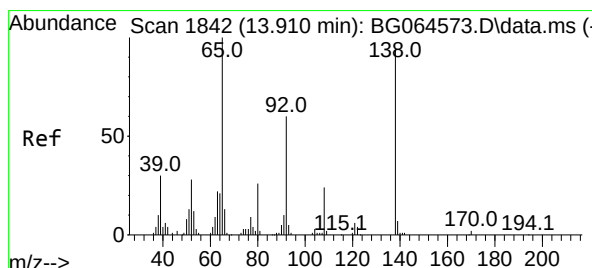
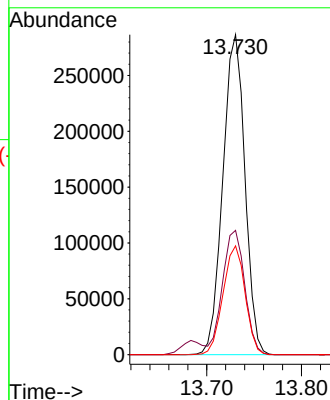
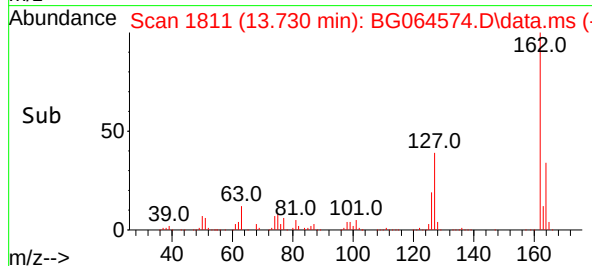
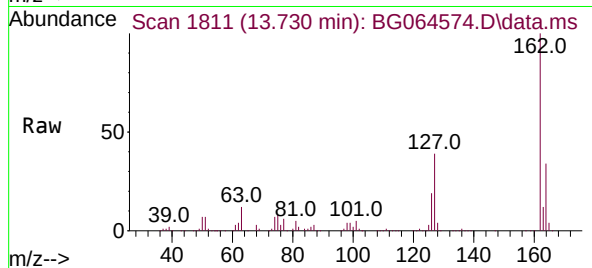
162 100

127 38.8 32.2 48.2

164 34.0 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#48

2-Nitroaniline

Concen: 66.052 ng

RT: 13.913 min Scan# 1842

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

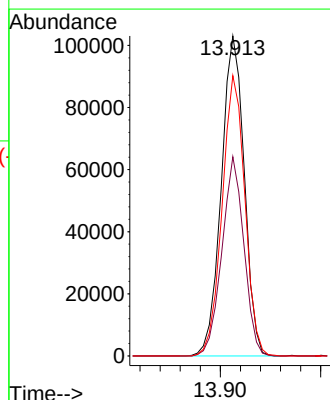
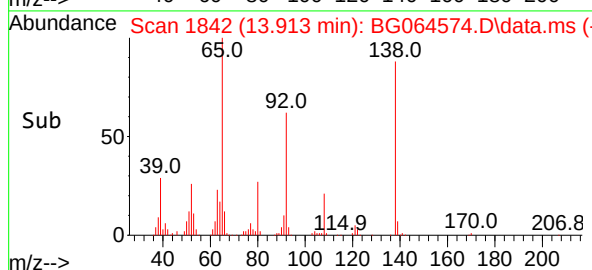
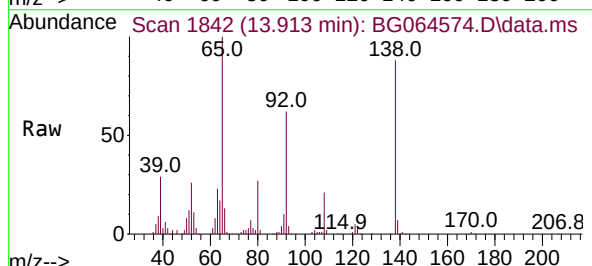
Tgt Ion: 65 Resp: 163796

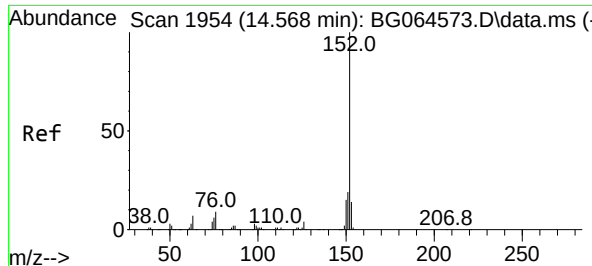
Ion Ratio Lower Upper

65 100

92 62.2 48.3 72.5

138 87.6 74.9 112.3





#49

Acenaphthylene

Concen: 64.738 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

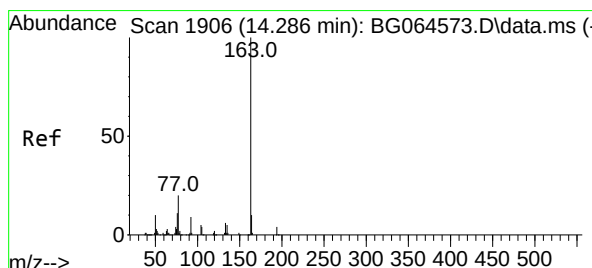
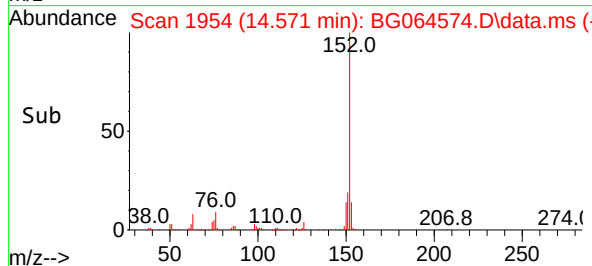
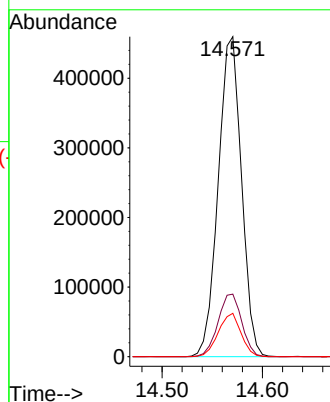
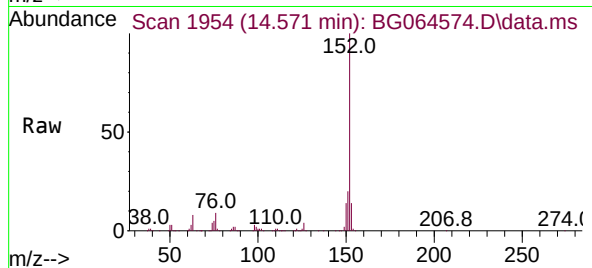
SSTDICC060

Tgt Ion:	152	Resp:	739728
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.4	23.2
153	13.5	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 66.616 ng

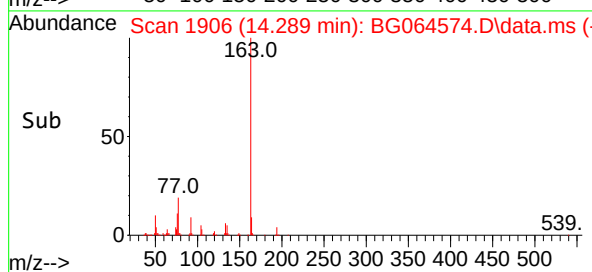
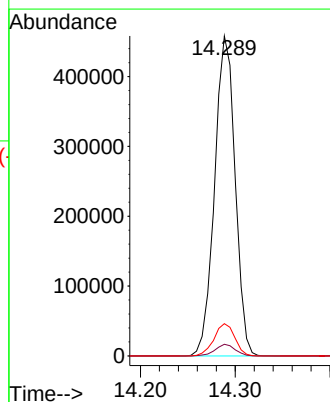
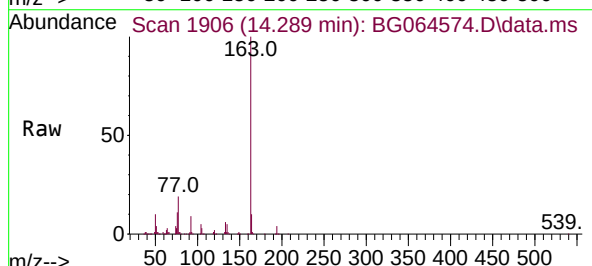
RT: 14.289 min Scan# 1906

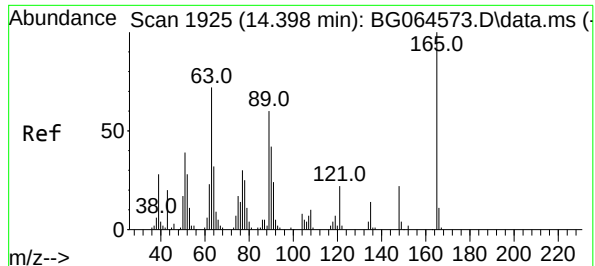
Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

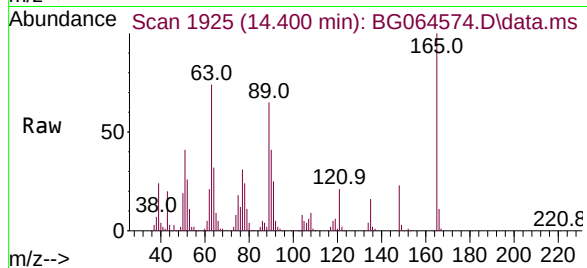
Tgt Ion:	163	Resp:	688128
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.8	4.2
164	10.1	7.7	11.5





#51
2,6-Dinitrotoluene
Concen: 65.951 ng
RT: 14.400 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

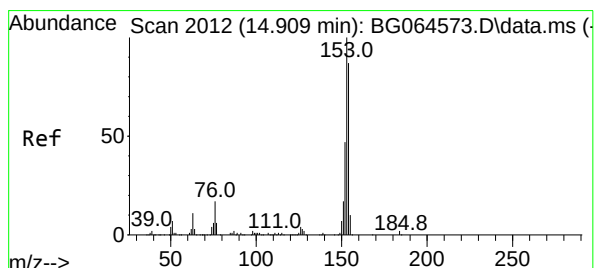
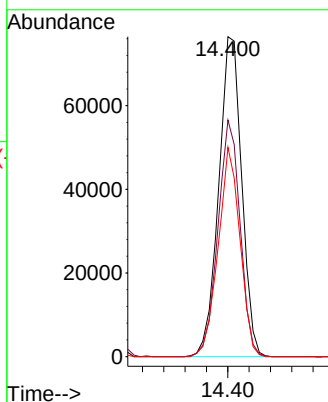
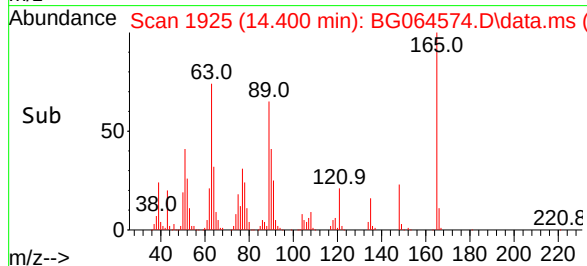
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 114588
Ion Ratio Lower Upper
165 100
63 73.9 57.4 86.0
89 65.4 47.8 71.8

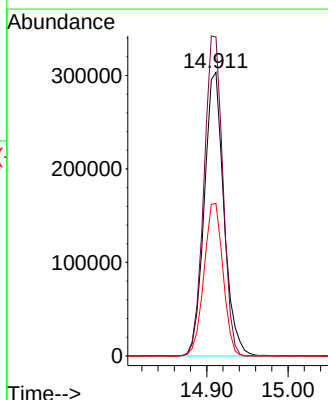
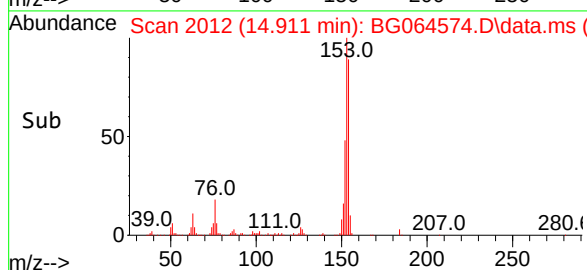
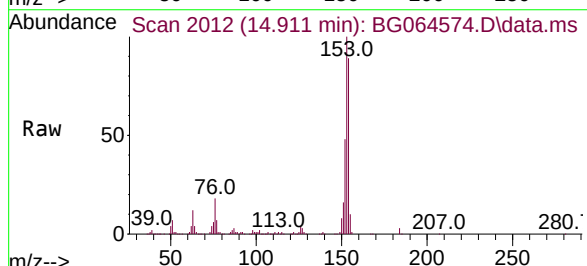
Manual Integrations
APPROVED

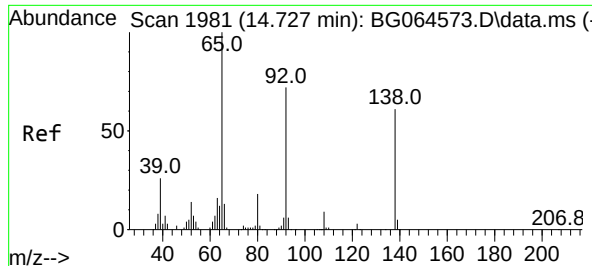
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 65.392 ng
RT: 14.911 min Scan# 2012
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:154 Resp: 510499
Ion Ratio Lower Upper
154 100
153 112.5 92.2 138.4
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 74.231 ng
RT: 14.729 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

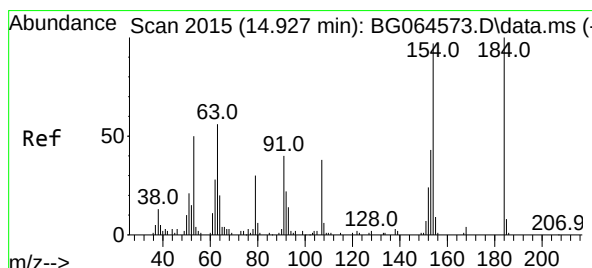
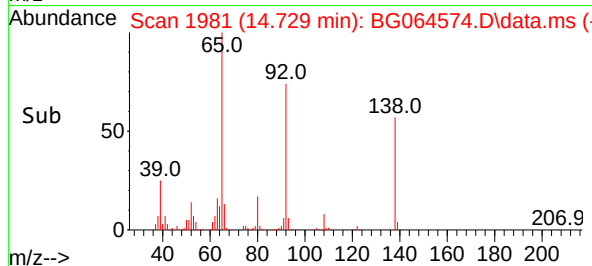
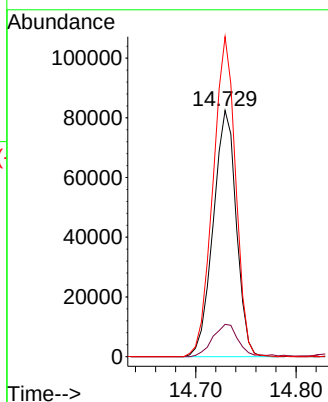
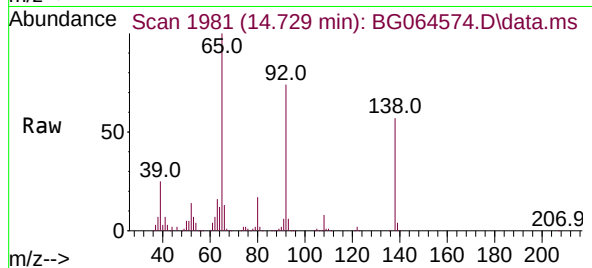
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.1	11.4	17.0
92	130.0	95.3	142.9

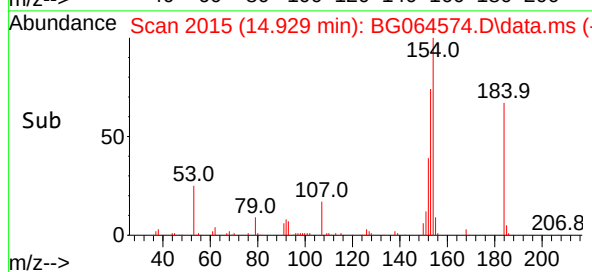
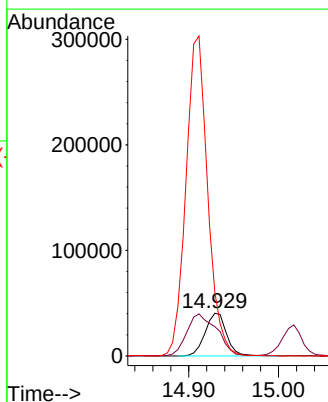
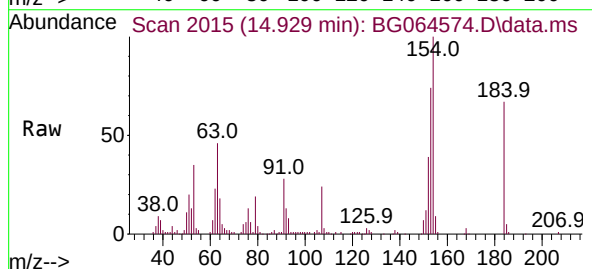
Manual Integrations
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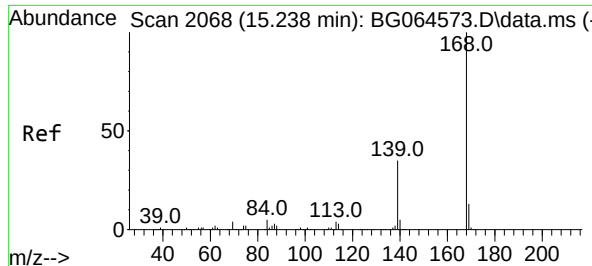
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 65.082 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.5	56.6	85.0
154	149.4	158.6	238.0#





#55

Dibenzenofuran

Concen: 63.779 ng

RT: 15.240 min Scan# 2068

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 804964

Ion Ratio Lower Upper

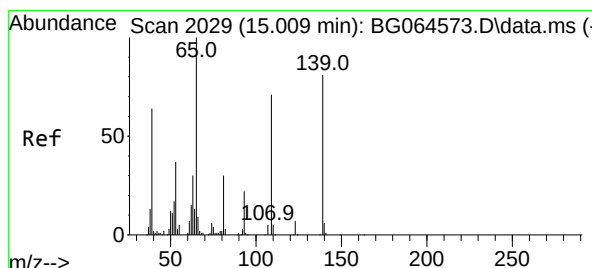
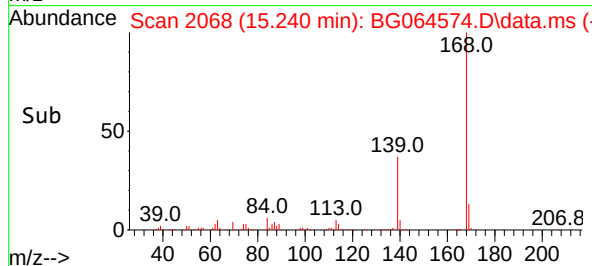
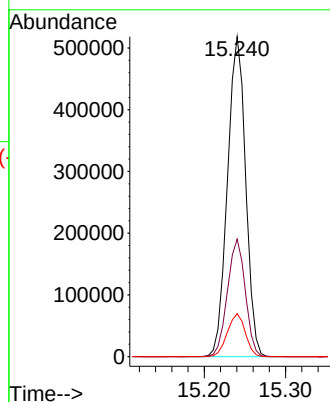
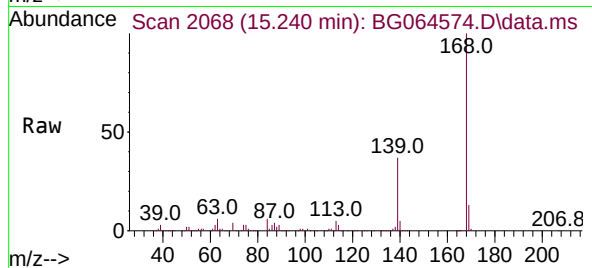
168 100

139 36.7 27.8 41.8

169 13.4 10.3 15.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#56

4-Nitrophenol

Concen: 69.512 ng

RT: 15.017 min Scan# 2030

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

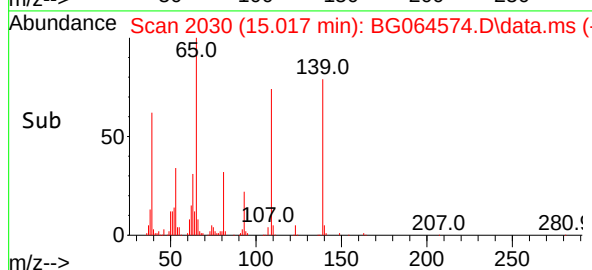
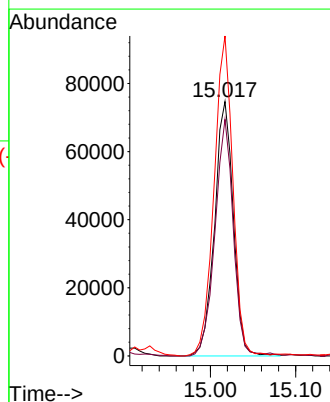
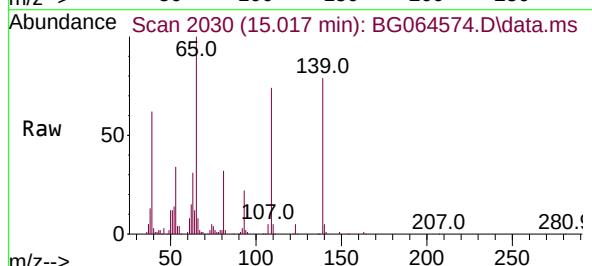
Tgt Ion:139 Resp: 114408

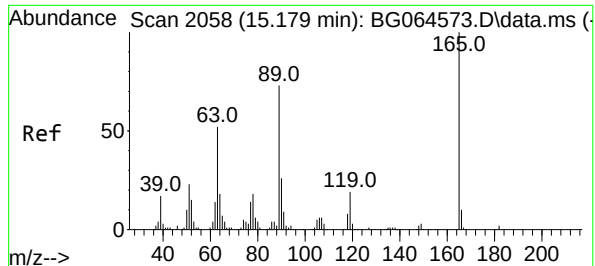
Ion Ratio Lower Upper

139 100

109 93.0 67.8 107.8

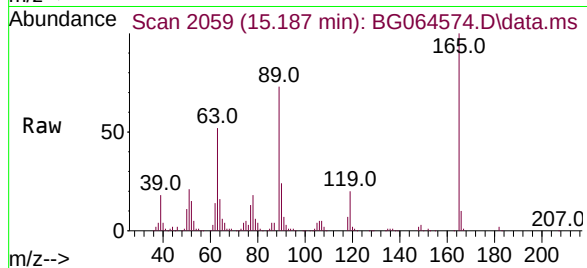
65 125.8 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 65.522 ng
RT: 15.187 min Scan# 2058
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

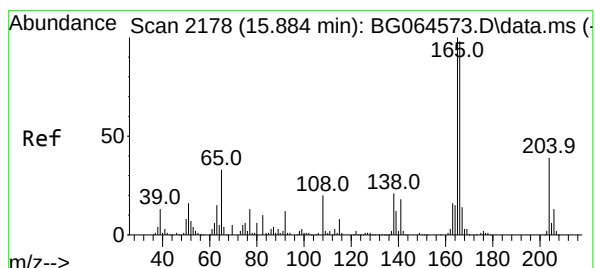
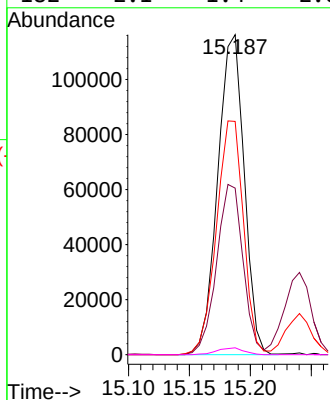
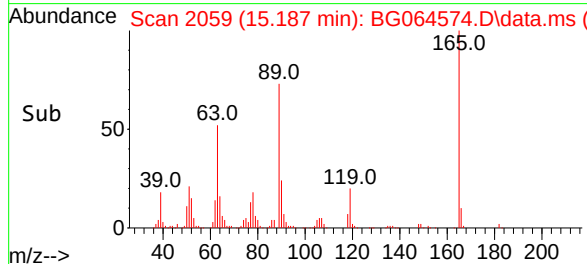
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 175802
Ion Ratio Lower Upper
165 100
63 52.0 41.8 62.8
89 72.9 58.1 87.1
182 2.1 1.4 2.0#

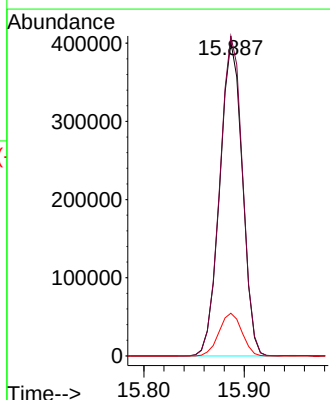
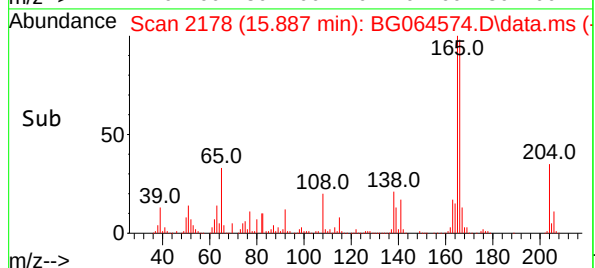
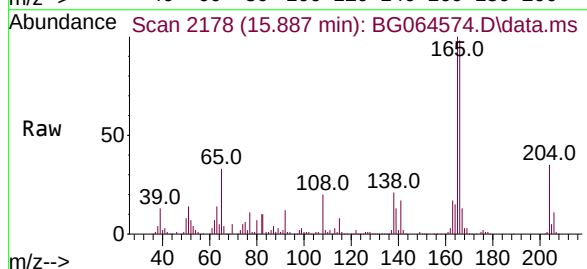
Manual Integrations
APPROVED

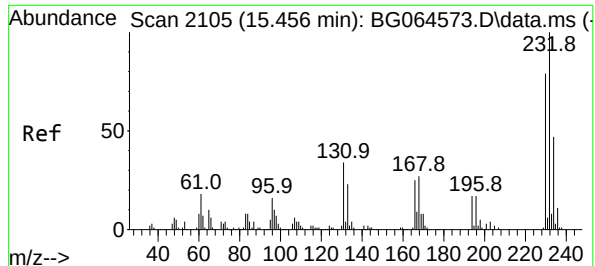
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 63.656 ng
RT: 15.887 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

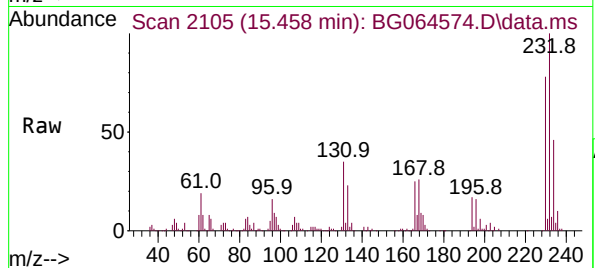
Tgt Ion:166 Resp: 627437
Ion Ratio Lower Upper
166 100
165 101.8 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 71.870 ng
RT: 15.458 min Scan# 2105
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

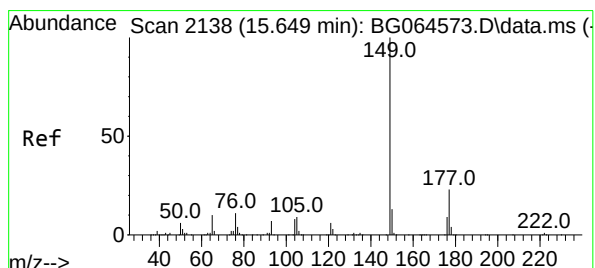
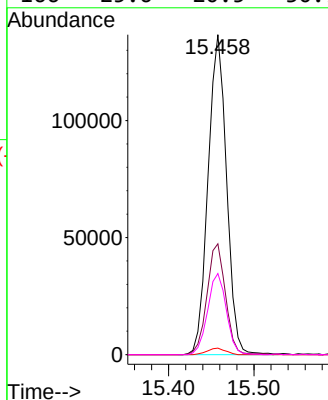
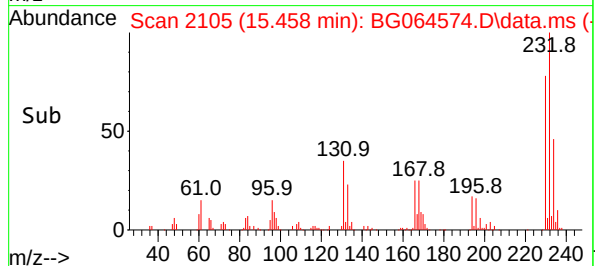
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



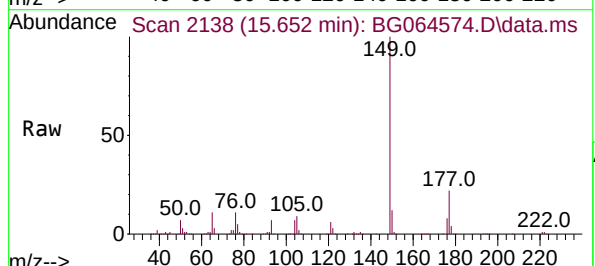
Tgt Ion:232 Resp: 205529
Ion Ratio Lower Upper
232 100
131 34.7 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

Manual Integrations
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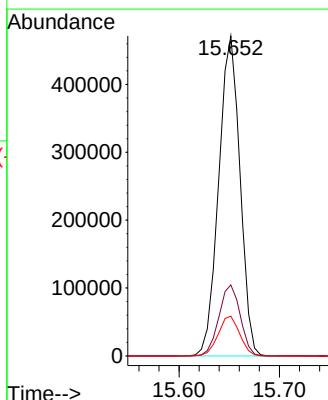
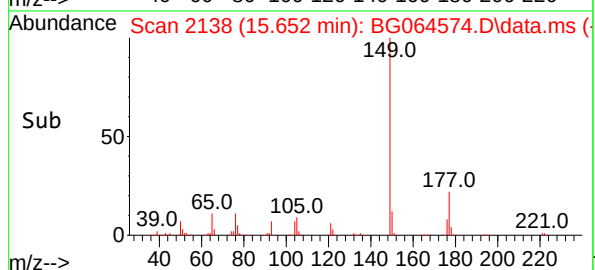
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

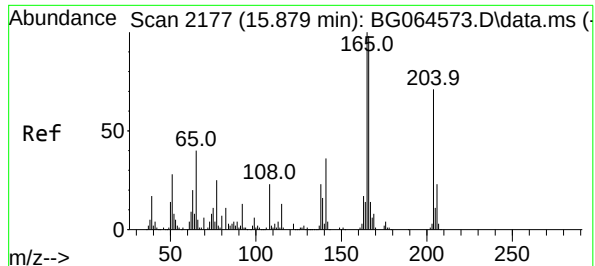


#60
Diethylphthalate
Concen: 65.982 ng
RT: 15.652 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



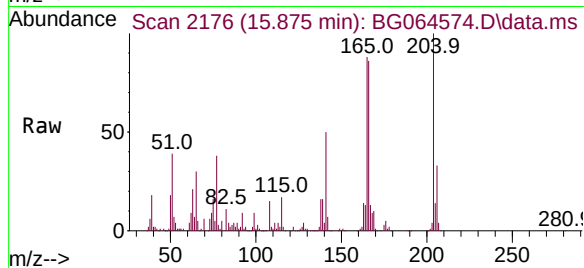
Tgt Ion:149 Resp: 695924
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 65.038 ng
RT: 15.875 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

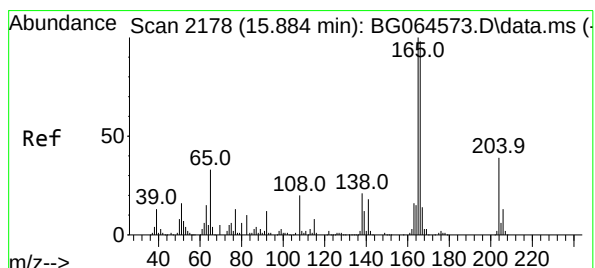
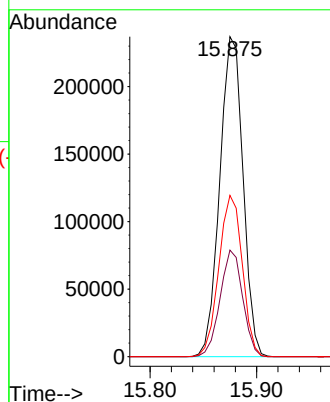
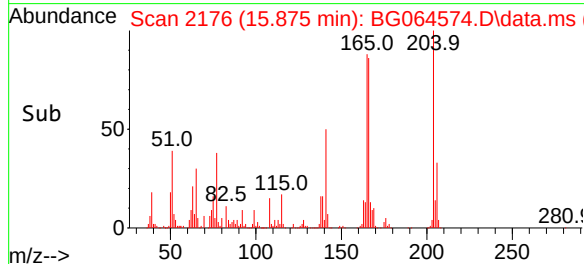
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



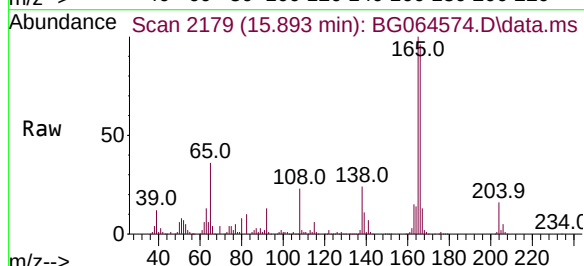
Tgt Ion:204 Resp: 359759
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 50.4 40.6 60.8

Manual Integrations
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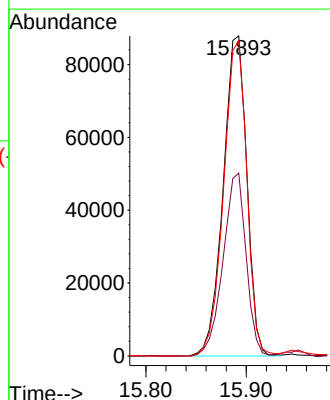
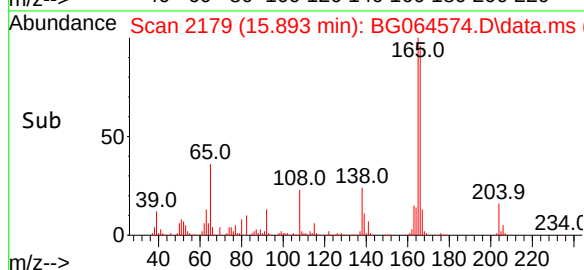
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

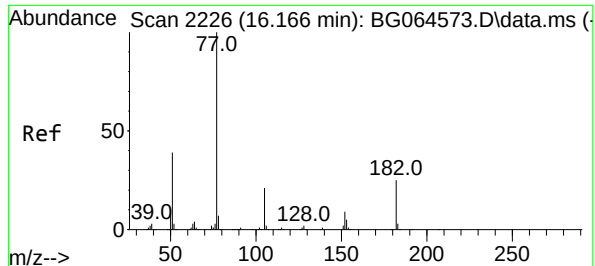


#62
4-Nitroaniline
Concen: 72.832 ng
RT: 15.893 min Scan# 2179
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



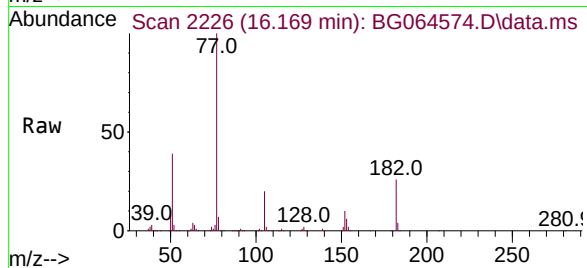
Tgt Ion:138 Resp: 143839
Ion Ratio Lower Upper
138 100
92 57.1 36.1 76.1
108 98.4 75.6 115.6





#63
Azobenzene
Concen: 65.464 ng
RT: 16.169 min Scan# 2226
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

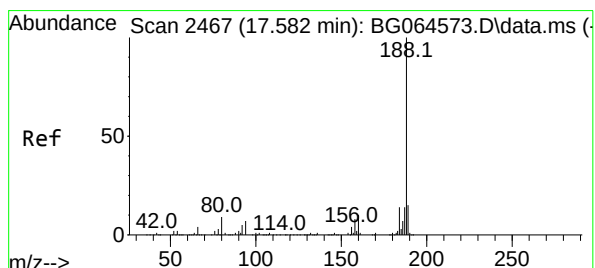
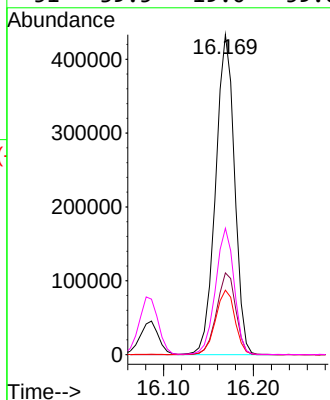
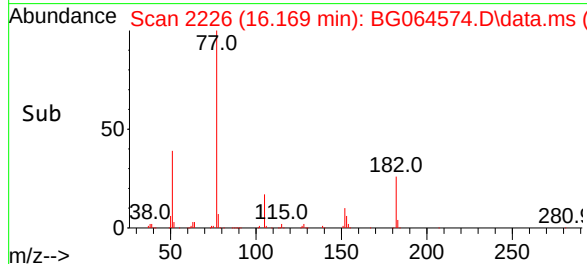
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



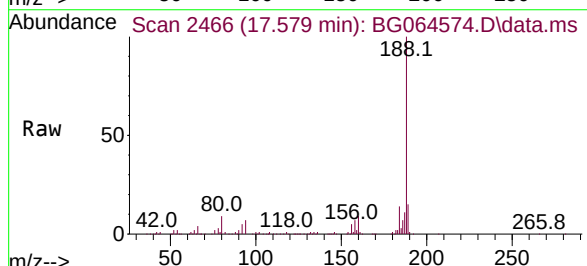
Tgt Ion: 77 Resp: 633520
Ion Ratio Lower Upper
77 100
182 25.5 4.9 44.9
105 20.1 1.3 41.3
51 39.5 19.0 59.0

Manual Integrations
APPROVED

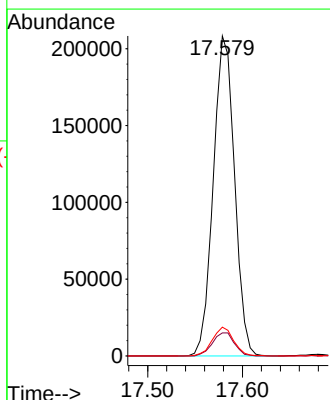
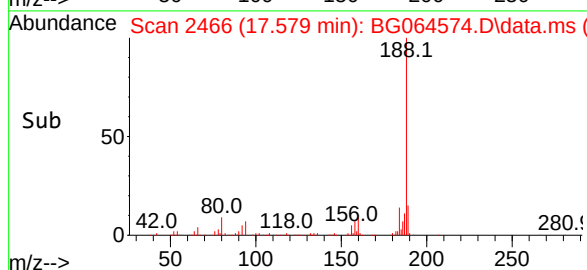
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

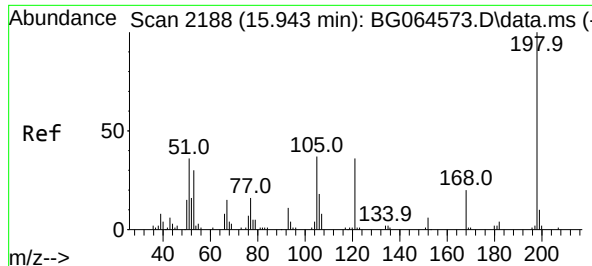


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:188 Resp: 324385
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 9.0 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 64.046 ng

RT: 15.945 min Scan# 2188

Delta R.T. 0.002 min

Lab File: BG064574.D

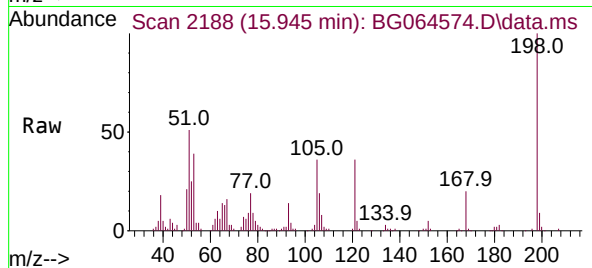
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC060



Tgt Ion:198 Resp: 94338

Ion Ratio Lower Upper

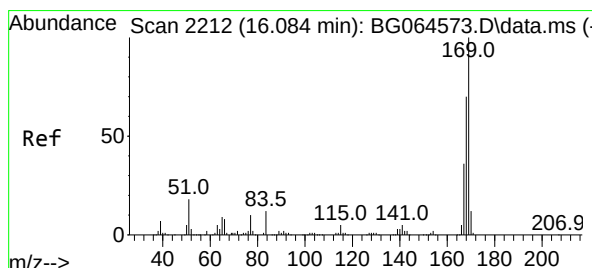
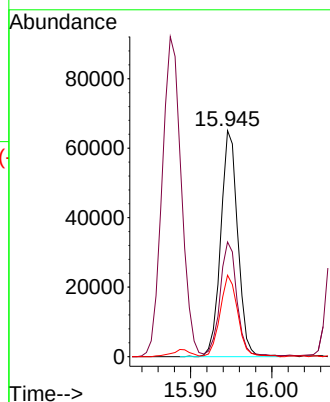
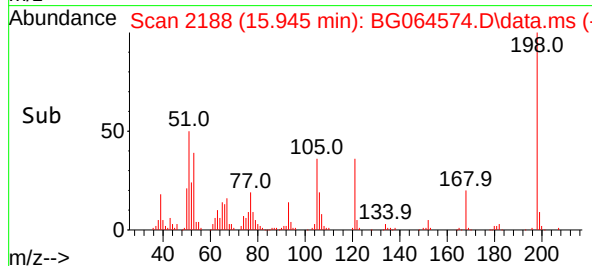
198 100

51 50.7 24.7 64.7

105 36.0 18.0 58.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#66

n-Nitrosodiphenylamine

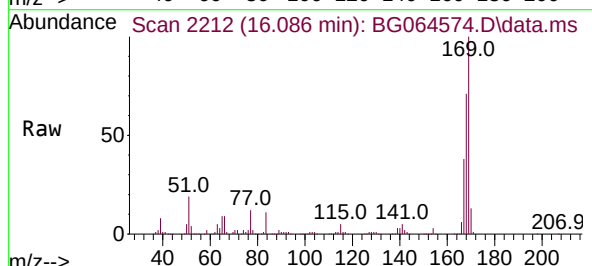
Concen: 65.944 ng

RT: 16.086 min Scan# 2212

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44



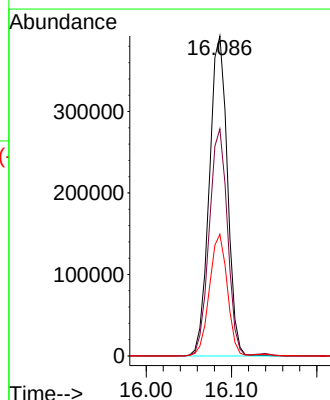
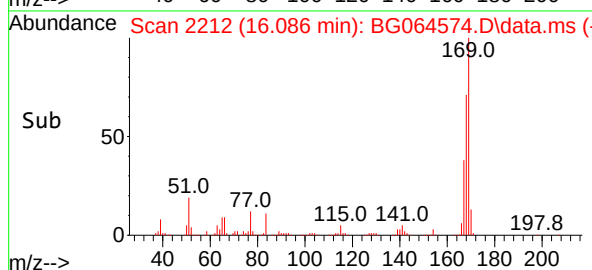
Tgt Ion:169 Resp: 577835

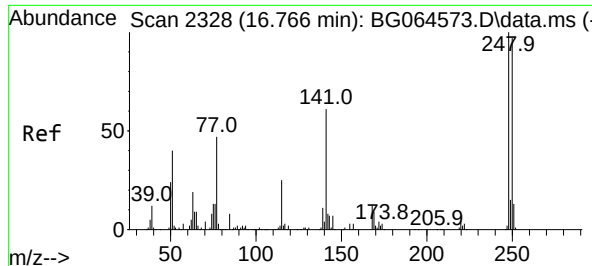
Ion Ratio Lower Upper

169 100

168 70.9 56.3 84.5

167 38.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 66.740 ng

RT: 16.768 min Scan# 2328

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:248 Resp: 256556

Ion Ratio Lower Upper

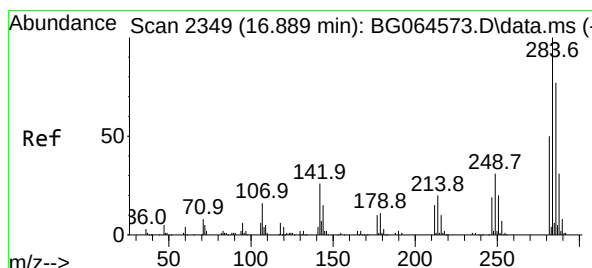
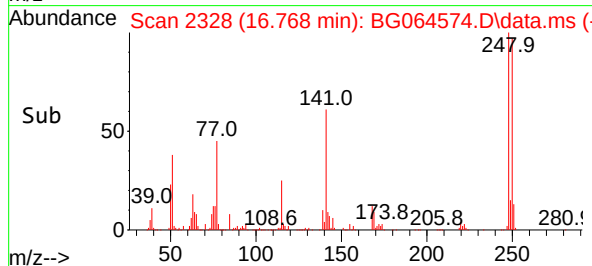
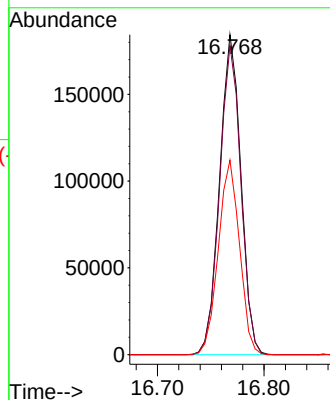
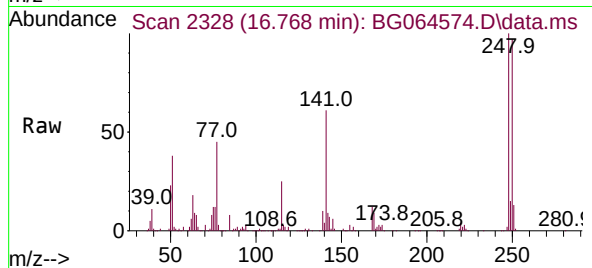
248 100

250 96.6 77.7 116.5

141 60.8 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#68

Hexachlorobenzene

Concen: 67.001 ng

RT: 16.891 min Scan# 2349

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

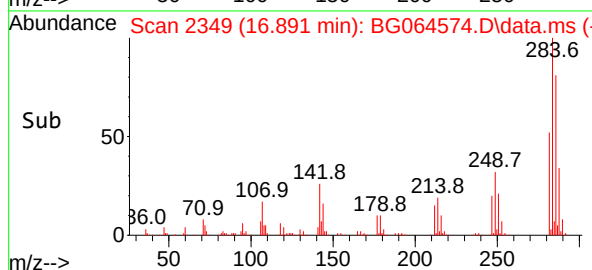
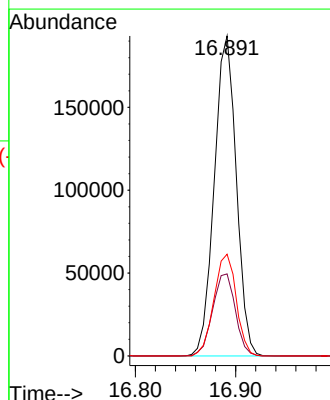
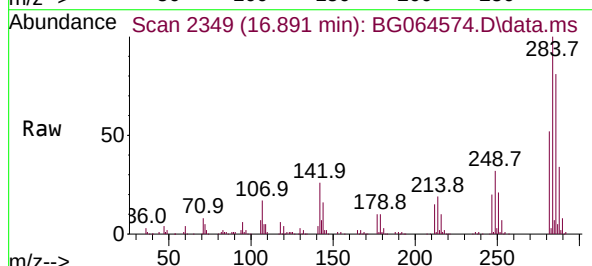
Tgt Ion:284 Resp: 293831

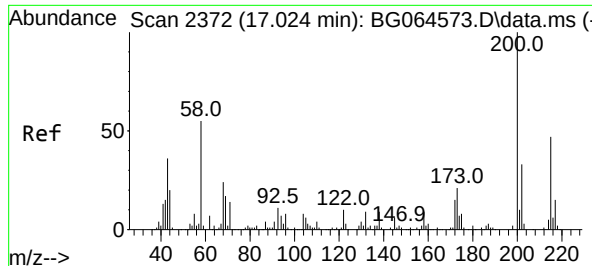
Ion Ratio Lower Upper

284 100

142 25.6 21.0 31.6

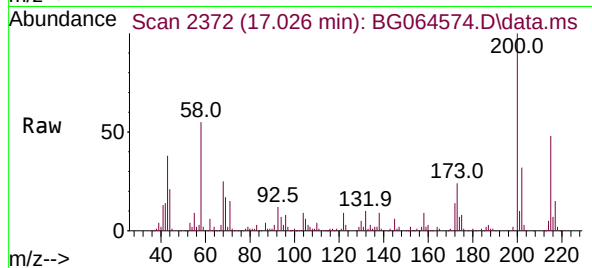
249 34.5 24.9 37.3





#69
Atrazine
Concen: 67.378 ng
RT: 17.026 min Scan# 2372
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

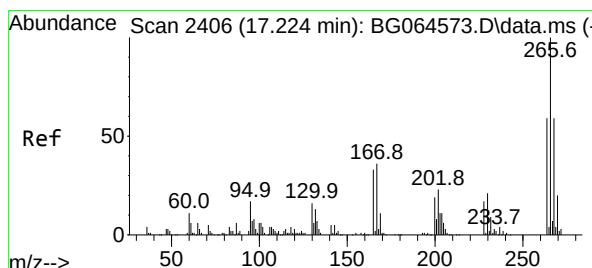
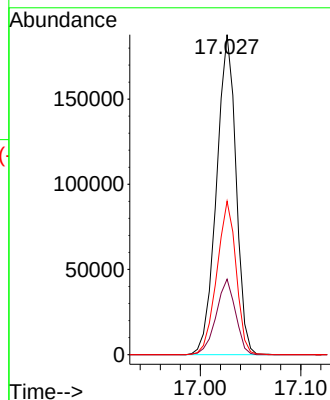
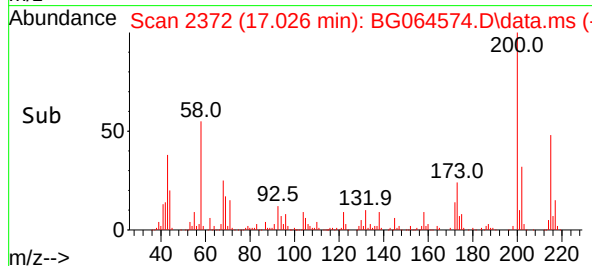
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



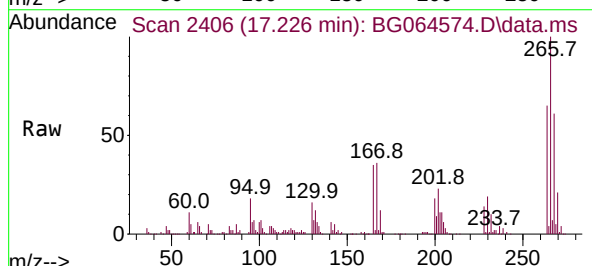
Tgt Ion:200 Resp: 254076
Ion Ratio Lower Upper
200 100
173 23.6 0.9 40.9
215 47.9 27.0 67.0

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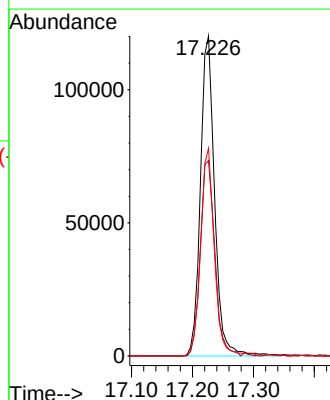
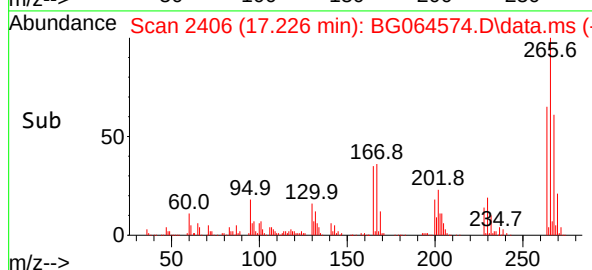
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

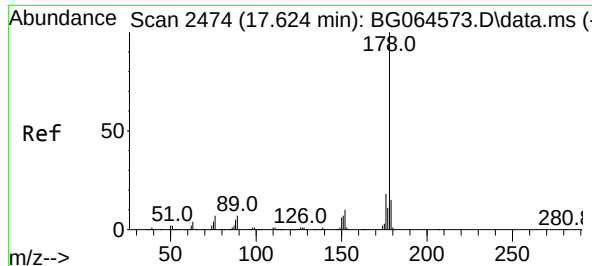


#70
Pentachlorophenol
Concen: 70.923 ng
RT: 17.226 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



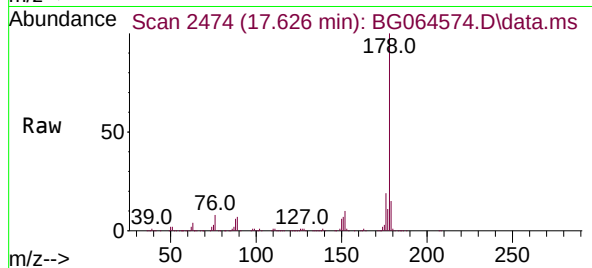
Tgt Ion:266 Resp: 193954
Ion Ratio Lower Upper
266 100
268 66.0 50.3 75.5
264 69.3 47.3 70.9





#71
Phenanthrene
Concen: 64.676 ng
RT: 17.626 min Scan# 2474
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

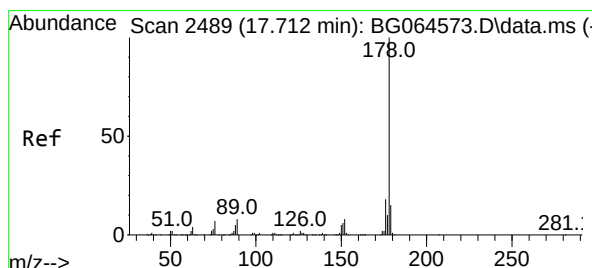
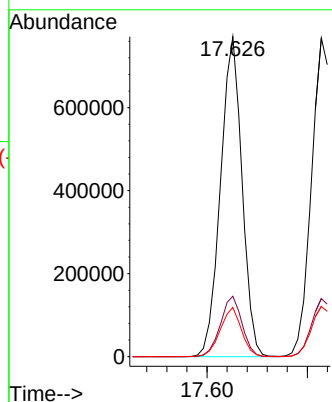
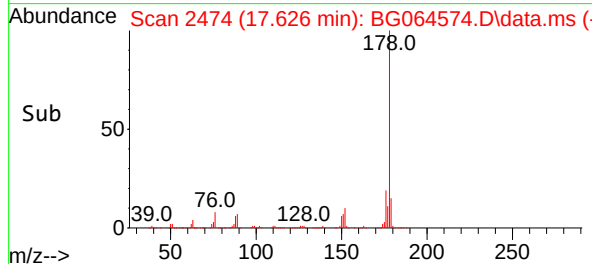
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



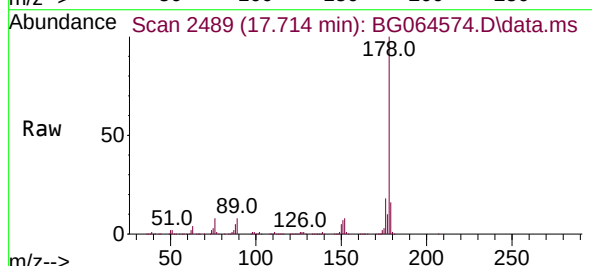
Tgt Ion:178 Resp: 1147317
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4

Manual Integrations
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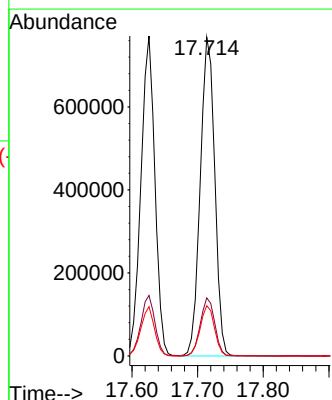
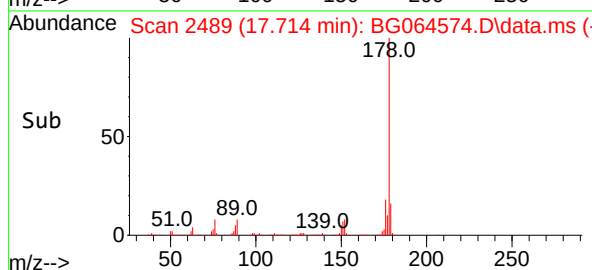
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

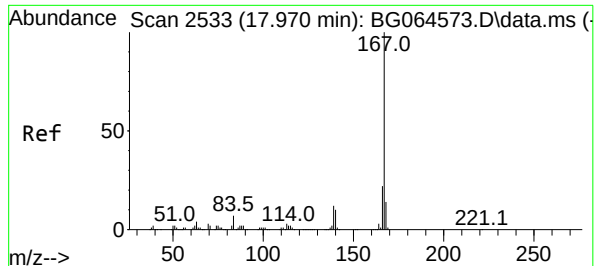


#72
Anthracene
Concen: 64.905 ng
RT: 17.714 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



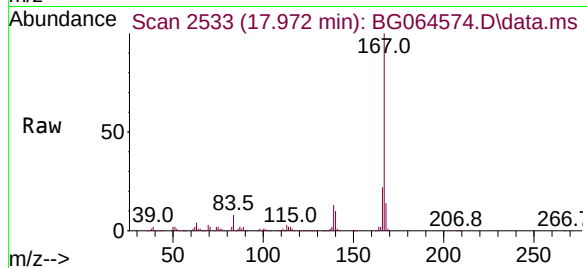
Tgt Ion:178 Resp: 1171223
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.8 12.4 18.6





#73
Carbazole
Concen: 62.887 ng
RT: 17.972 min Scan# 2533
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

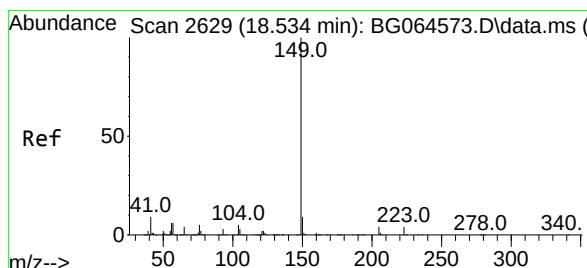
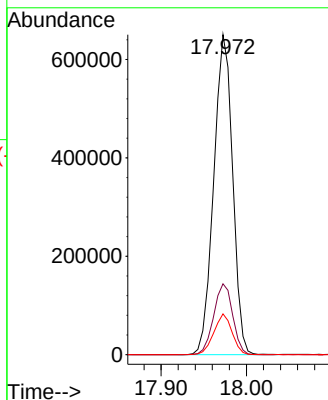
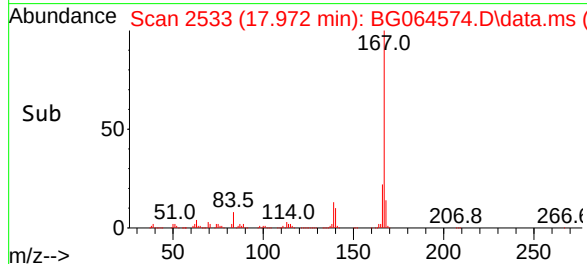
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 1000680
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 12.7 9.7 14.5

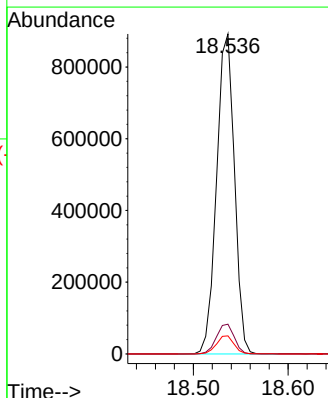
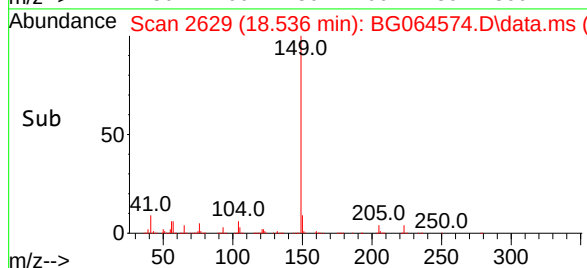
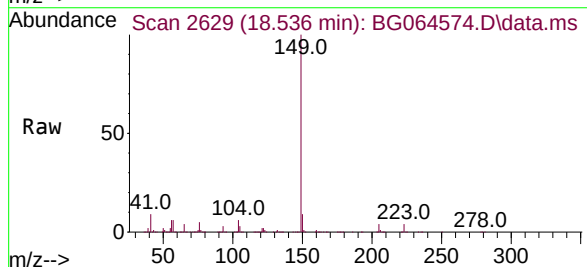
Manual Integrations
APPROVED

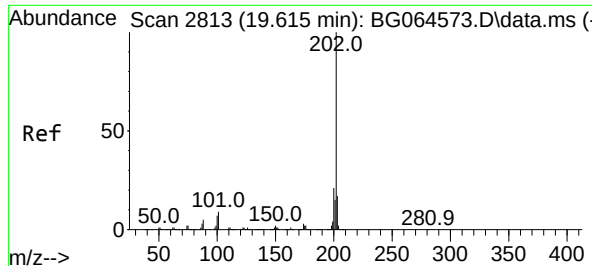
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 63.334 ng
RT: 18.536 min Scan# 2629
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 1165396
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.6 4.1 6.1





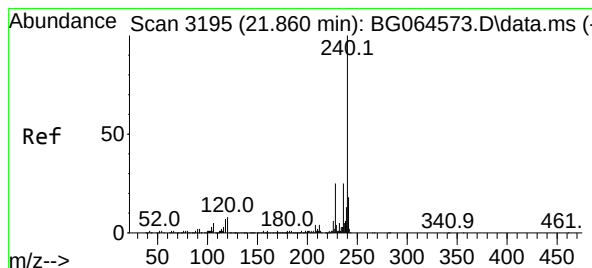
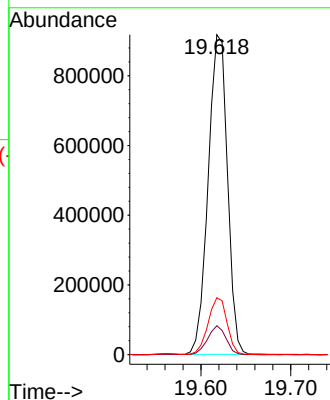
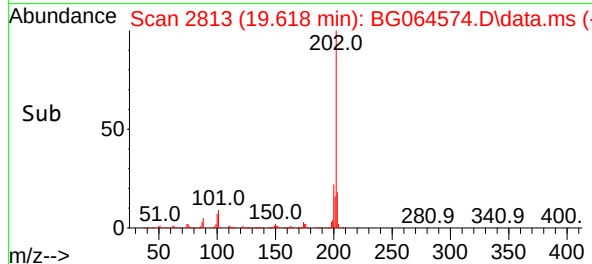
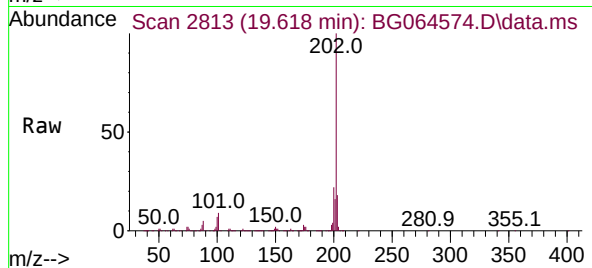
#75
Fluoranthene
Concen: 61.419 ng
RT: 19.618 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 136489
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.8 0.0 37.0

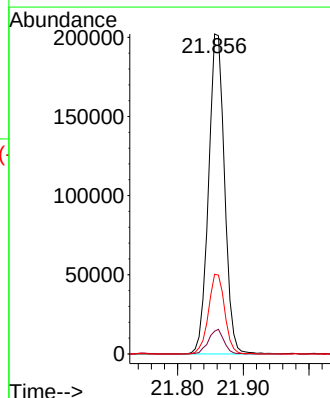
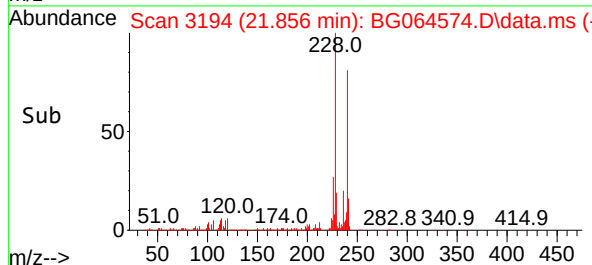
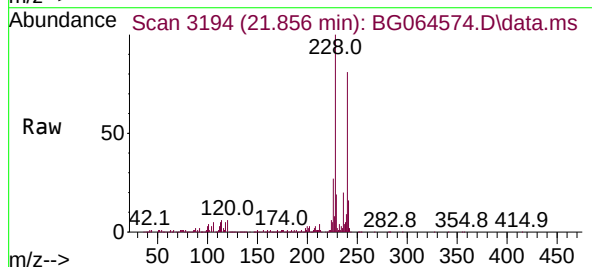
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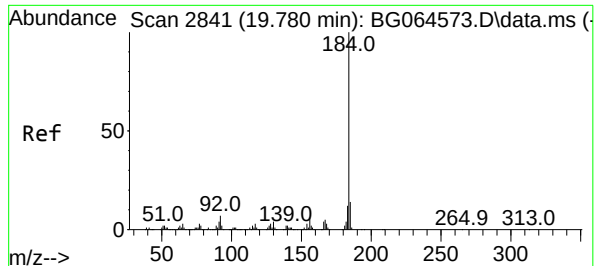
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

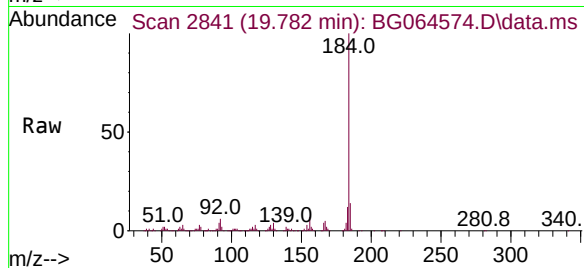
Tgt Ion:240 Resp: 340896
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 24.9 20.2 30.2





#77
Benzidine
Concen: 71.348 ng
RT: 19.782 min Scan# 2841
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

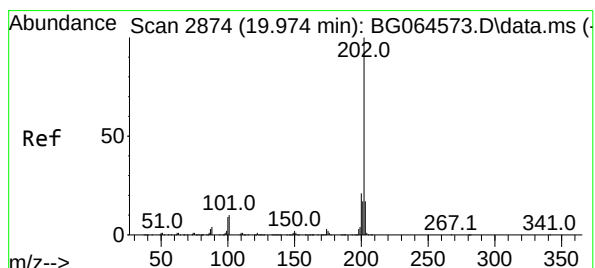
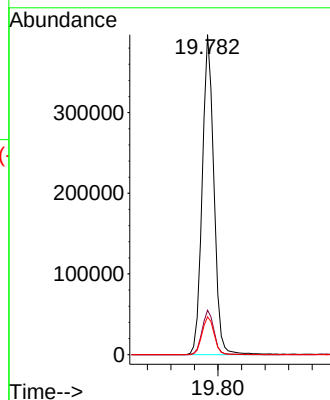
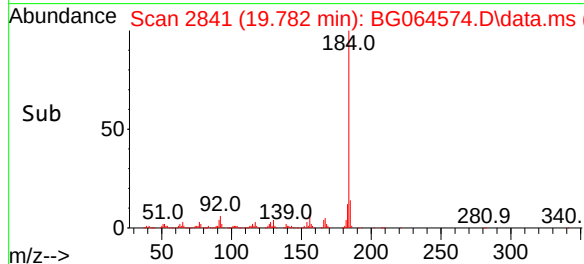
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 544918
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.8 9.4 14.2

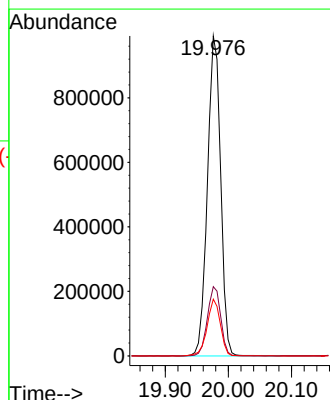
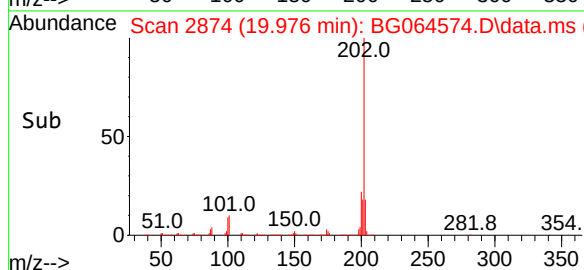
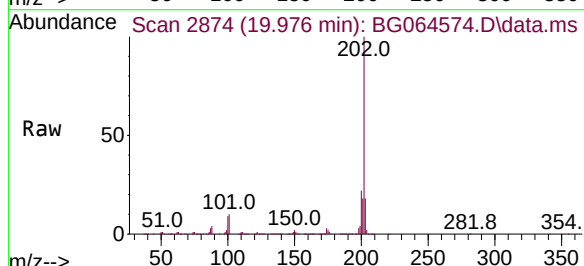
Manual Integrations
APPROVED

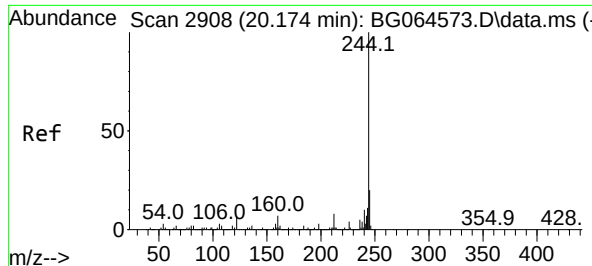
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 64.549 ng
RT: 19.976 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

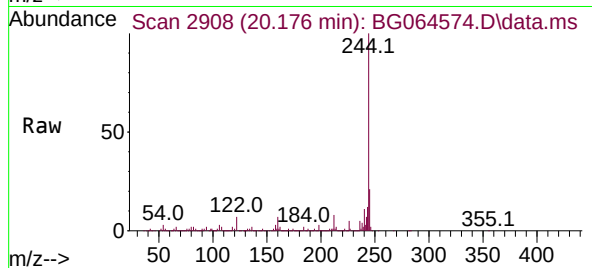
Tgt Ion:202 Resp: 1437669
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 124.763 ng
RT: 20.176 min Scan# 2908
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

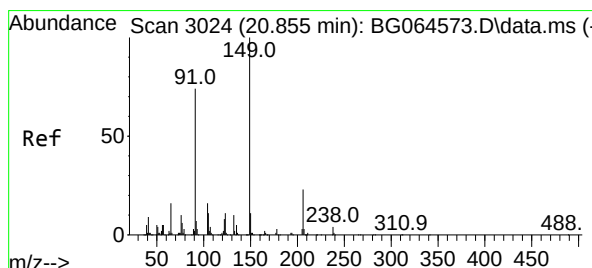
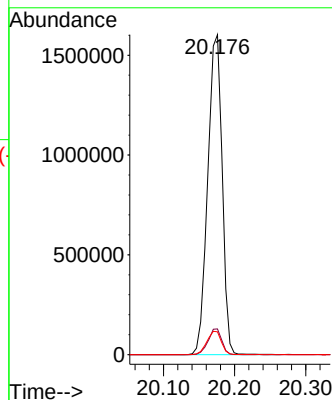
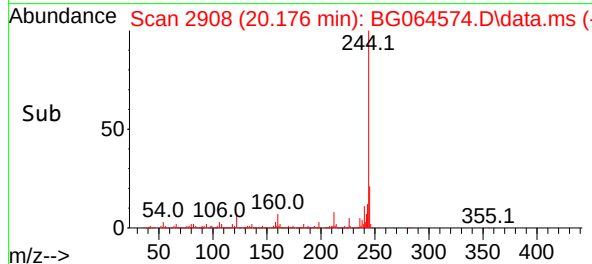
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 2253704
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 7.1 5.6 8.4

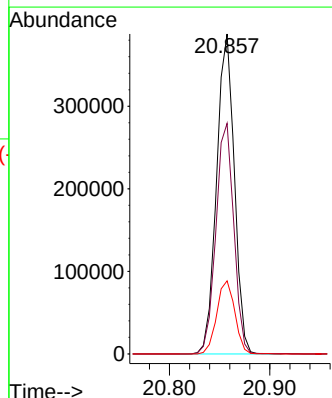
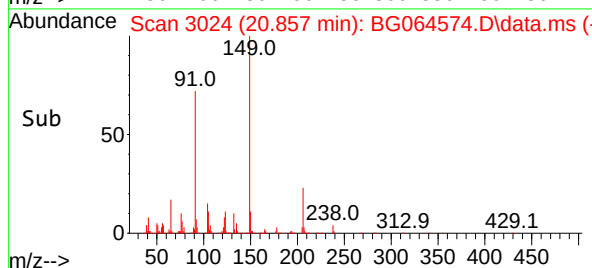
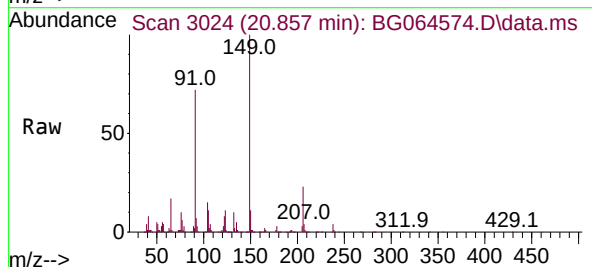
Manual Integrations
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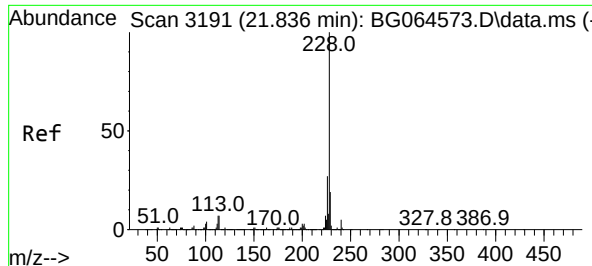
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#80
Butylbenzylphthalate
Concen: 70.914 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:149 Resp: 477358
Ion Ratio Lower Upper
149 100
91 72.0 59.2 88.8
206 22.8 18.1 27.1





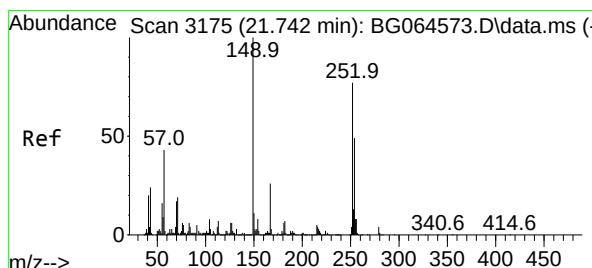
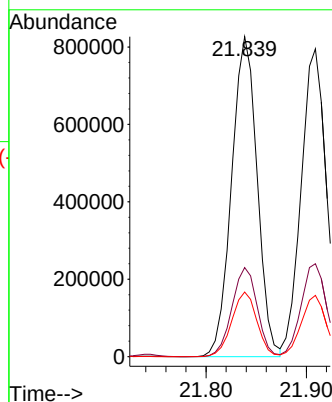
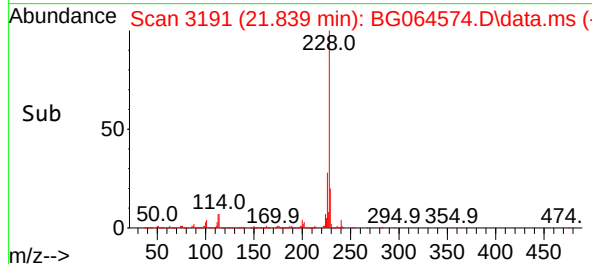
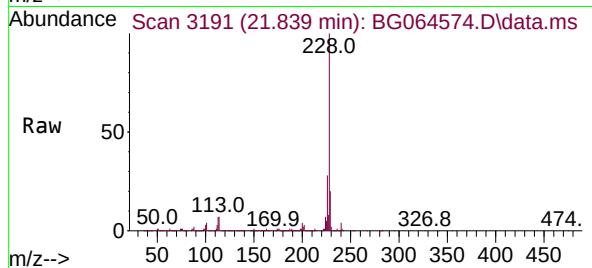
#81
Benzo(a)anthracene
Concen: 64.702 ng
RT: 21.839 min Scan# 3191
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1462488
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.2 15.6 23.4

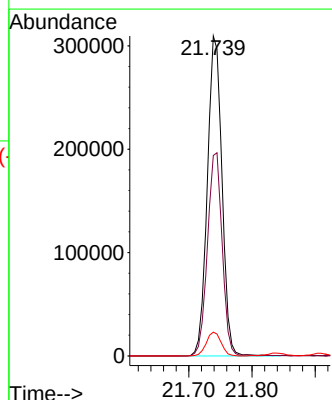
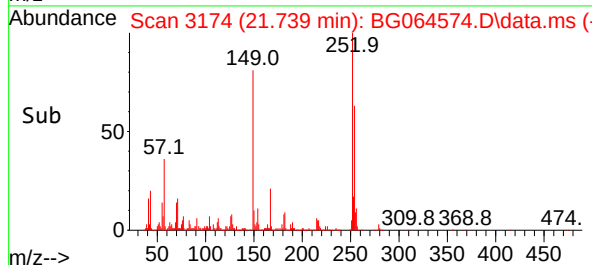
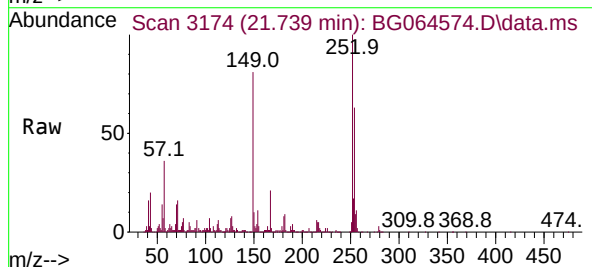
Manual Integrations
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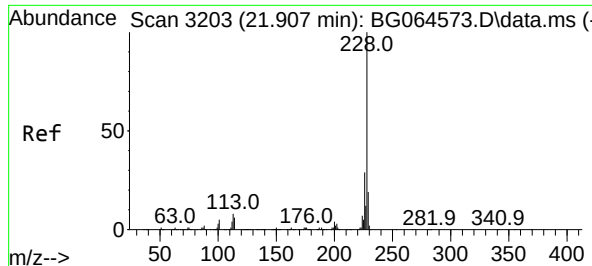
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 65.868 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 497174
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 7.4 5.8 8.6





#83

Chrysene

Concen: 64.621 ng

RT: 21.909 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 138982

Ion Ratio Lower Upper

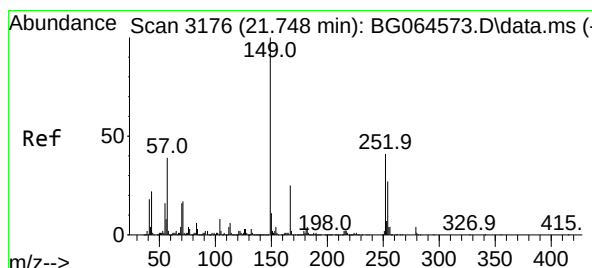
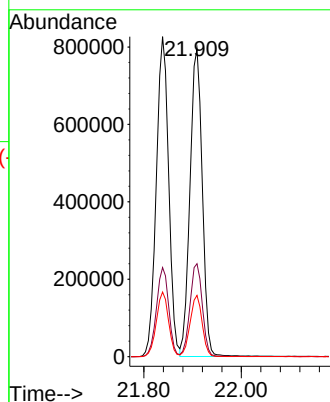
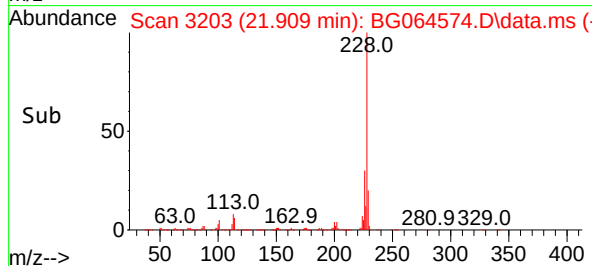
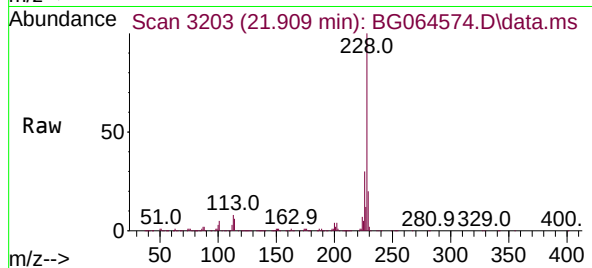
228 100

226 30.2 23.3 34.9

229 19.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#84

Bis(2-ethylhexyl)phthalate

Concen: 67.768 ng

RT: 21.750 min Scan# 3176

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

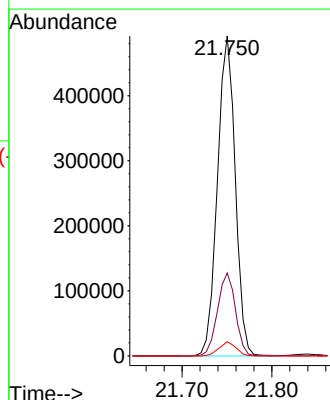
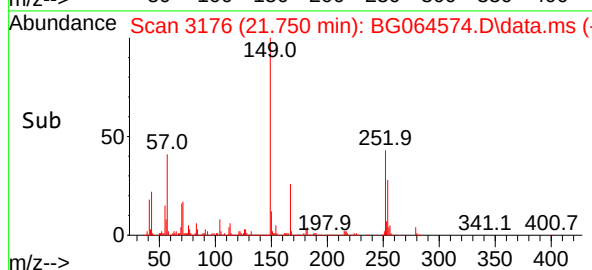
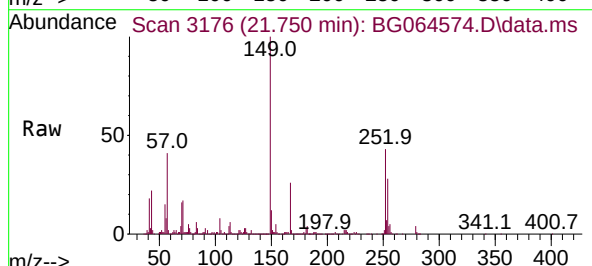
Tgt Ion:149 Resp: 681649

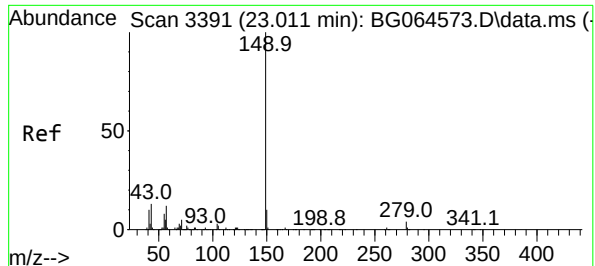
Ion Ratio Lower Upper

149 100

167 25.9 20.0 30.0

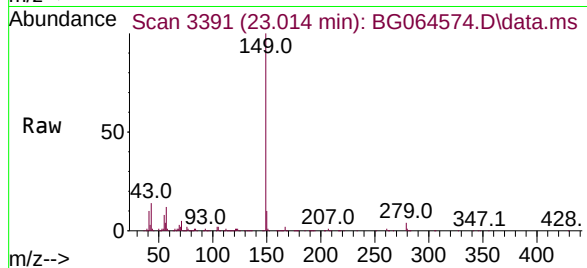
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 67.379 ng
RT: 23.014 min Scan# 3391
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

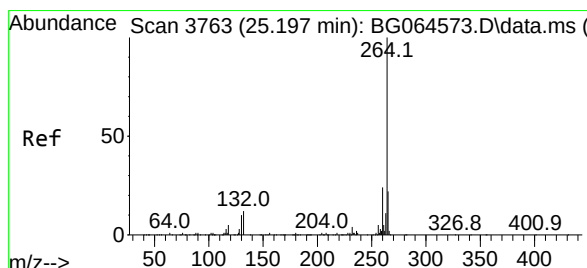
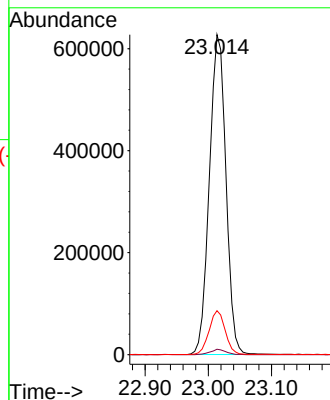
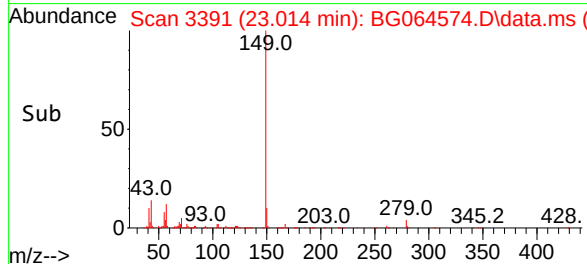
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



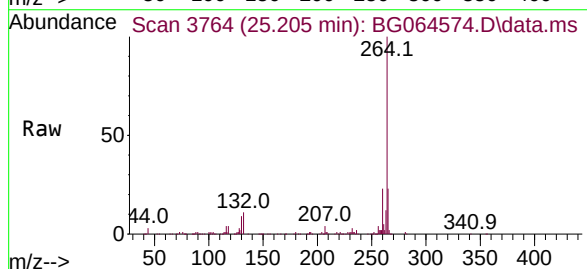
Tgt Ion:149 Resp: 114265
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 10.8 16.2

Manual Integrations
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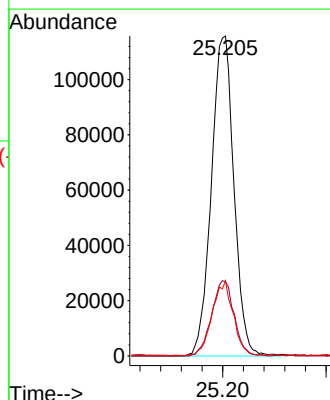
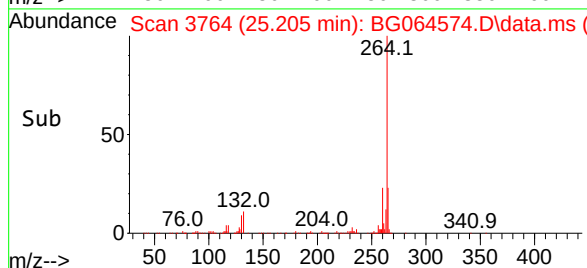
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

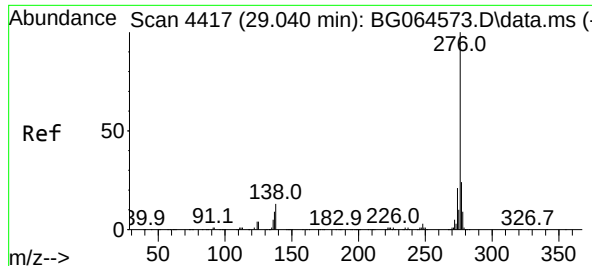


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.205 min Scan# 3764
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



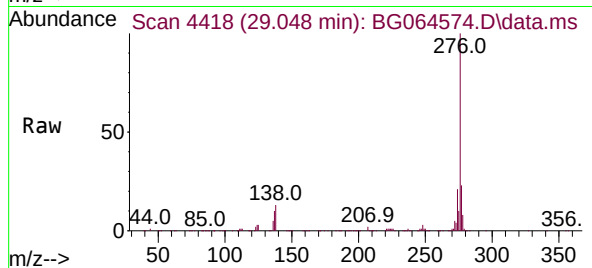
Tgt Ion:264 Resp: 350916
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 23.5 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 66.979 ng
RT: 29.048 min Scan# 4417
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

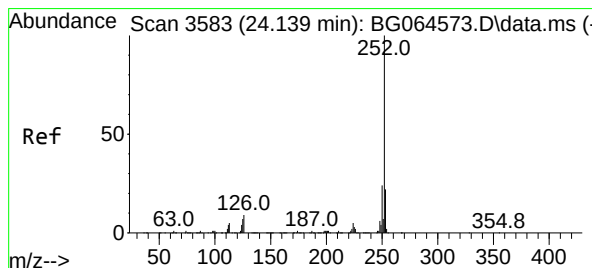
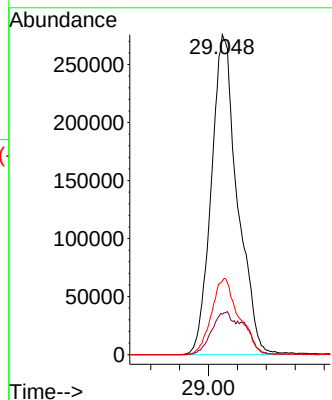
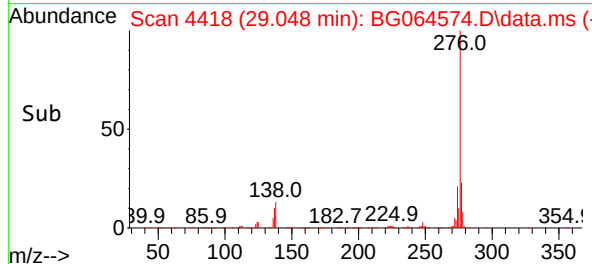
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 1729035
Ion Ratio Lower Upper
276 100
138 11.2 10.8 16.2
277 24.9 20.1 30.1

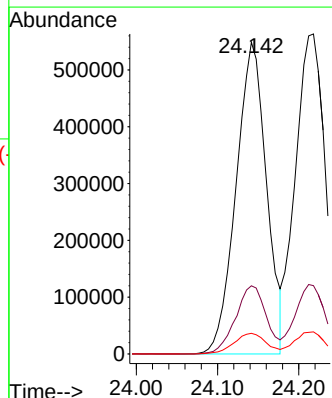
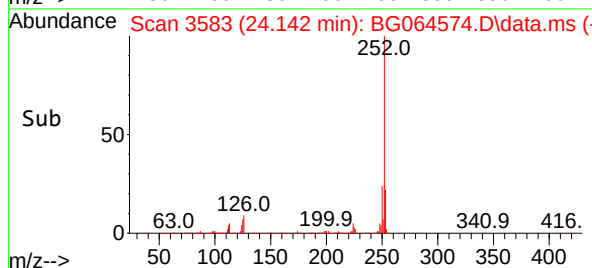
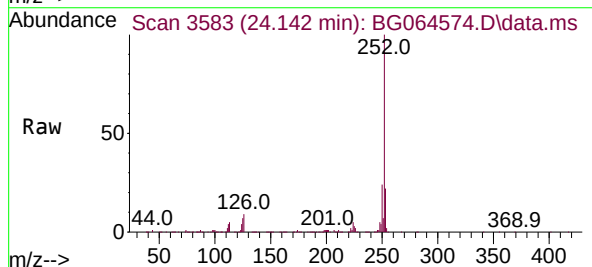
Manual Integrations
APPROVED

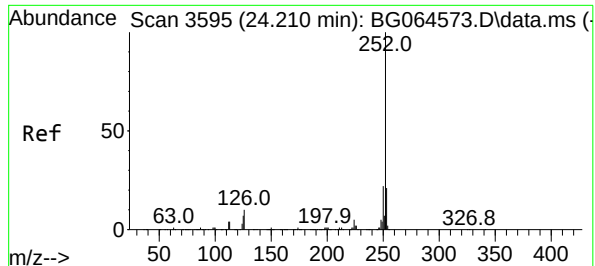
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 66.207 ng
RT: 24.142 min Scan# 3583
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 1424640
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 66.703 ng

RT: 24.218 min Scan# 3596

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1436312

Ion Ratio Lower Upper

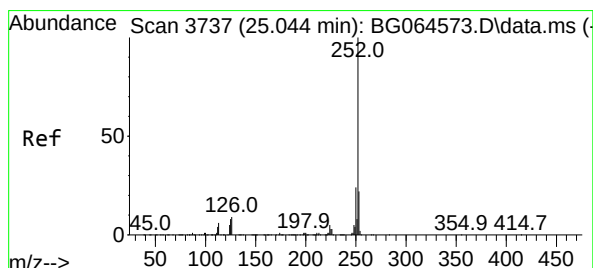
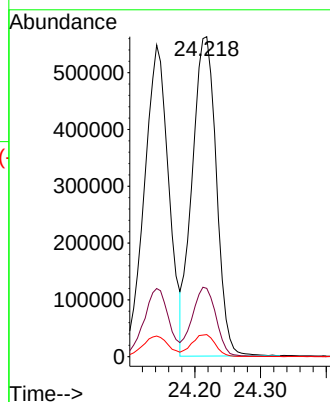
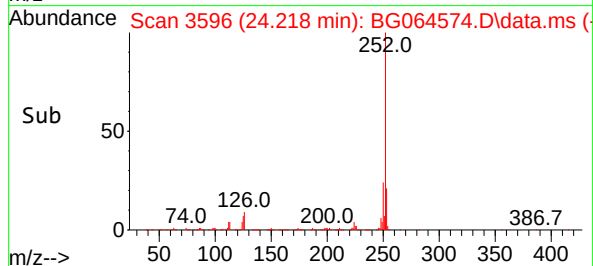
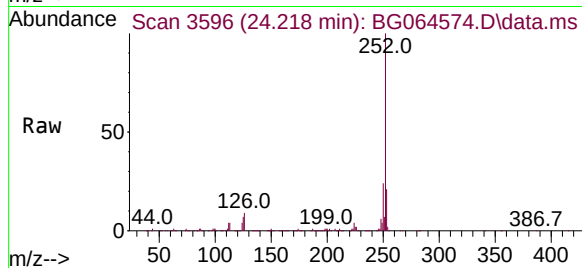
252 100

253 21.3 16.8 25.2

125 6.9 5.4 8.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#90

Benzo(a)pyrene

Concen: 66.315 ng

RT: 25.052 min Scan# 3738

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

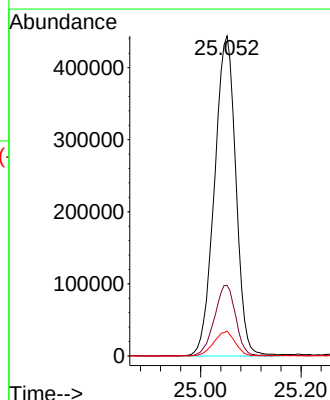
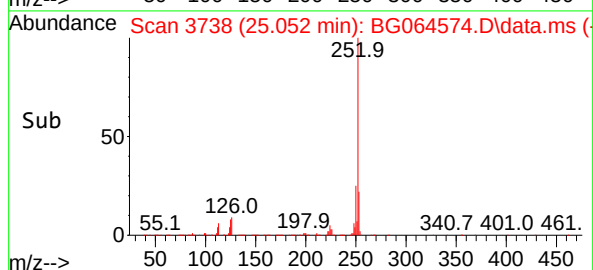
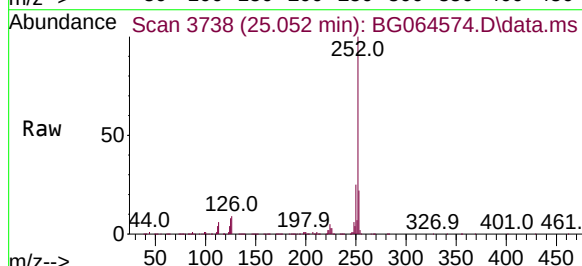
Tgt Ion:252 Resp: 1311701

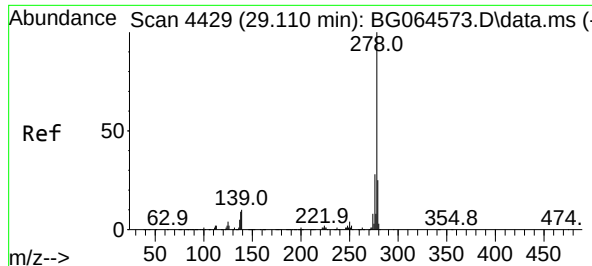
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

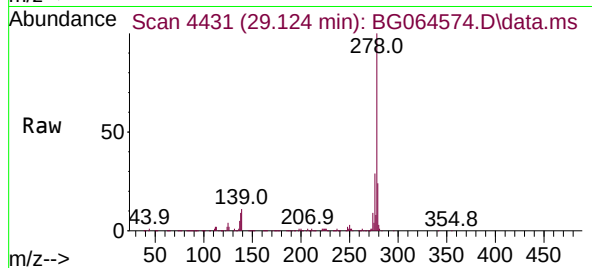
125 7.7 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 66.479 ng
RT: 29.124 min Scan# 4429
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

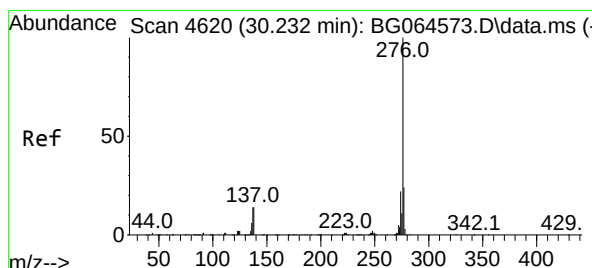
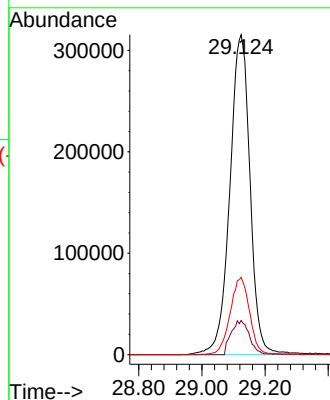
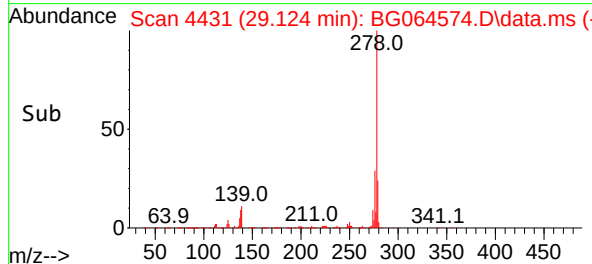
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1394234
Ion Ratio Lower Upper
278 100
139 10.7 8.0 12.0
279 24.1 19.8 29.6

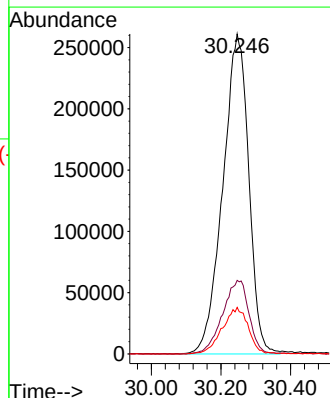
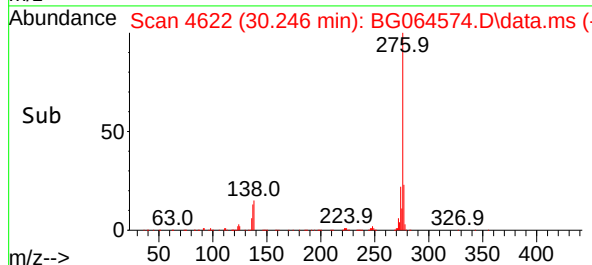
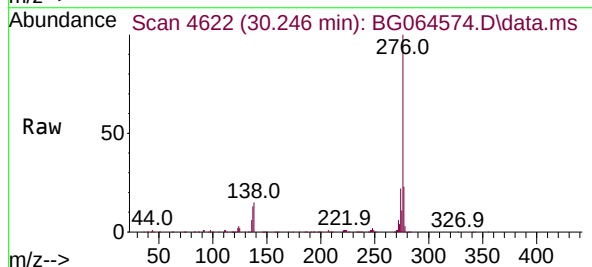
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 67.253 ng
RT: 30.246 min Scan# 4622
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:276 Resp: 1347382
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 14.5 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064575.D
 Acq On : 24 Oct 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	45466	20.000	ng	0.00
21) Naphthalene-d8	11.053	136	179569	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	133797	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	333421	20.000	ng	0.00
76) Chrysene-d12	21.863	240	363291	20.000	ng	0.00
86) Perylene-d12	25.201	264	382372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	411587	151.948	ng	0.00
7) Phenol-d6	7.357	99	554287	149.124	ng	0.00
23) Nitrobenzene-d5	9.390	82	511341	171.034	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	328066	169.886	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	1314892	148.960	ng	0.00
79) Terphenyl-d14	20.177	244	2697491	140.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	83655	69.757	ng	99
3) Pyridine	3.996	79	259519	72.062	ng	96
4) n-Nitrosodimethylamine	3.908	42	141185	73.105	ng	99
6) Aniline	7.533	93	364528	72.073	ng	99
8) 2-Chlorophenol	7.780	128	221112	77.988	ng	99
9) Benzaldehyde	7.339	77	120456	59.361	ng	94
10) Phenol	7.386	94	307886	74.900	ng	98
11) bis(2-Chloroethyl)ether	7.627	93	217960	72.119	ng	96
12) 1,3-Dichlorobenzene	8.109	146	236208	72.385	ng	98
13) 1,4-Dichlorobenzene	8.256	146	240570	72.502	ng	97
14) 1,2-Dichlorobenzene	8.579	146	233326	72.905	ng	98
15) Benzyl Alcohol	8.456	79	233374	76.140	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.743	45	573671	72.364	ng	99
17) 2-Methylphenol	8.649	107	203667	74.625	ng	97
18) Hexachloroethane	9.325	117	87876	75.469	ng	98
19) n-Nitroso-di-n-propyla...	9.031	70	192155	74.804	ng	99
20) 3+4-Methylphenols	8.984	107	285690	74.434	ng	98
22) Acetophenone	9.049	105	365265	74.412	ng	# 99
24) Nitrobenzene	9.431	77	273231	84.025	ng	97
25) Isophorone	9.966	82	539122	75.150	ng	100
26) 2-Nitrophenol	10.148	139	103090	79.938	ng	94
27) 2,4-Dimethylphenol	10.195	122	208054	77.967	ng	97
28) bis(2-Chloroethoxy)met...	10.436	93	299758	73.388	ng	99
29) 2,4-Dichlorophenol	10.682	162	231256	80.526	ng	97
30) 1,2,4-Trichlorobenzene	10.906	180	250883	76.888	ng	97
31) Naphthalene	11.100	128	744985	74.828	ng	99
32) Benzoic acid	10.342	122	169962m	77.917	ng	
33) 4-Chloroaniline	11.188	127	290611	75.100	ng	98
34) Hexachlorobutadiene	11.393	225	196140	76.863	ng	99
35) Caprolactam	11.975	113	83266	75.596	ng	93
36) 4-Chloro-3-methylphenol	12.298	107	265909	77.031	ng	99
37) 2-Methylnaphthalene	12.692	142	542132	74.168	ng	99
38) 1-Methylnaphthalene	12.909	142	527717	72.945	ng	98
40) 1,2,4,5-Tetrachloroben...	13.056	216	351719	78.328	ng	99
41) Hexachlorocyclopentadiene	13.038	237	163461	80.876	ng	99
43) 2,4,6-Trichlorophenol	13.279	196	218318	84.998	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064575.D
 Acq On : 24 Oct 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:02:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.350	196	243241	82.064	ng	99
46) 1,1'-Biphenyl	13.685	154	713186	74.977	ng	100
47) 2-Chloronaphthalene	13.732	162	547242	76.218	ng	99
48) 2-Nitroaniline	13.914	65	196580	79.301	ng	95
49) Acenaphthylene	14.566	152	858511	75.806	ng	99
50) Dimethylphthalate	14.290	163	782708	76.450	ng	98
51) 2,6-Dinitrotoluene	14.402	165	135769	78.216	ng	98
52) Acenaphthene	14.913	154	589213	76.150	ng	99
53) 3-Nitroaniline	14.731	138	159072	90.409	ng	96
54) 2,4-Dinitrophenol	14.930	184	82655	79.755	ng	# 65
55) Dibenzofuran	15.242	168	923386	73.816	ng	99
56) 4-Nitrophenol	15.018	139	142966	87.640	ng	98
57) 2,4-Dinitrotoluene	15.189	165	212164	79.117	ng	96
58) Fluorene	15.888	166	711212	72.801	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	240094	84.708	ng	99
60) Diethylphthalate	15.653	149	803621	76.874	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	408239	74.463	ng	99
62) 4-Nitroaniline	15.894	138	173159	88.462	ng	96
63) Azobenzene	16.170	77	723988	75.482	ng	99
65) 4,6-Dinitro-2-methylph...	15.947	198	124101	80.450	ng	95
66) n-Nitrosodiphenylamine	16.088	169	666665	74.020	ng	98
67) 4-Bromophenyl-phenylether	16.769	248	299348	75.762	ng	99
68) Hexachlorobenzene	16.893	284	341338	75.724	ng	96
69) Atrazine	17.028	200	281950	72.745	ng	97
70) Pentachlorophenol	17.228	266	235472	83.771	ng	93
71) Phenanthrene	17.627	178	1340610	73.525	ng	99
72) Anthracene	17.715	178	1367044	73.704	ng	99
73) Carbazole	17.974	167	1195960	73.122	ng	99
74) Di-n-butylphthalate	18.538	149	1433446	75.790	ng	100
75) Fluoranthene	19.619	202	1663673	72.835	ng	98
77) Benzidine	19.783	184	556525	68.376	ng	98
78) Pyrene	19.977	202	1737788	73.215	ng	99
80) Butylbenzylphthalate	20.859	149	595333	82.988	ng	98
81) Benzo(a)anthracene	21.840	228	1805628	74.959	ng	99
82) 3,3'-Dichlorobenzidine	21.740	252	615546	76.524	ng	99
83) Chrysene	21.910	228	1704533	74.368	ng	97
84) Bis(2-ethylhexyl)phtha...	21.752	149	854027	79.672	ng	98
85) Di-n-octyl phthalate	23.015	149	1432956	79.289	ng	100
87) Indeno(1,2,3-cd)pyrene	29.061	276	2156428	76.663	ng	98
88) Benzo(b)fluoranthene	24.143	252	1810094	77.199	ng	99
89) Benzo(k)fluoranthene	24.219	252	1757758	74.916	ng	98
90) Benzo(a)pyrene	25.060	252	1649779	76.546	ng	99
91) Dibenzo(a,h)anthracene	29.137	278	1747890	76.486	ng	98
92) Benzo(g,h,i)perylene	30.265	276	1669976	76.498	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDIC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

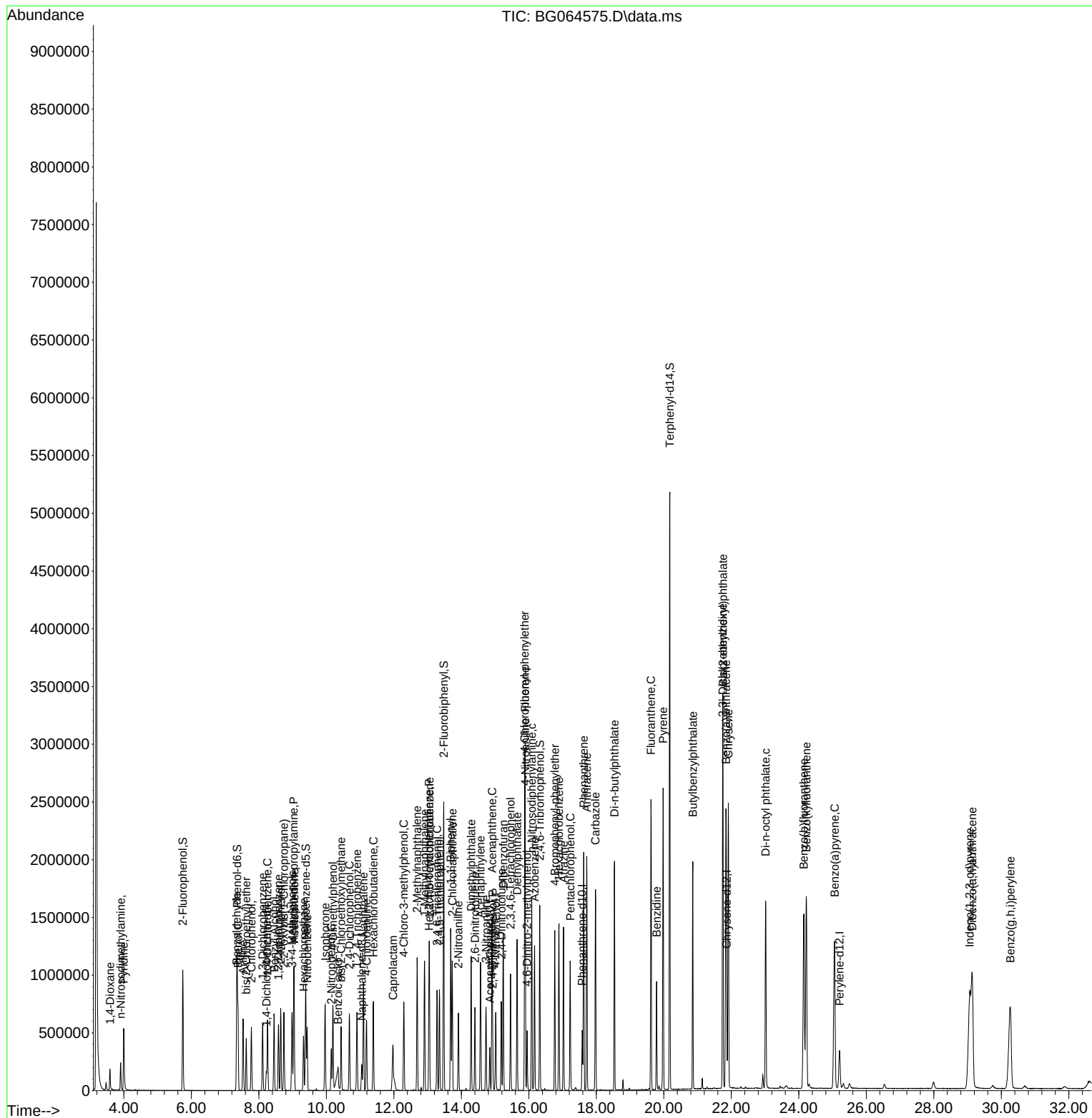
SSTDIC080

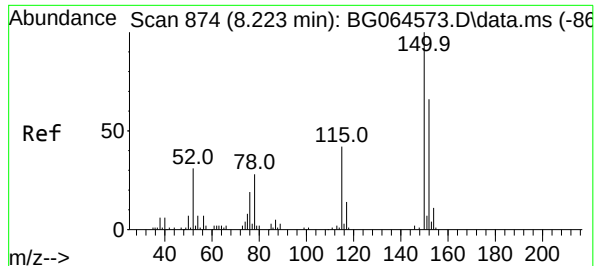
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

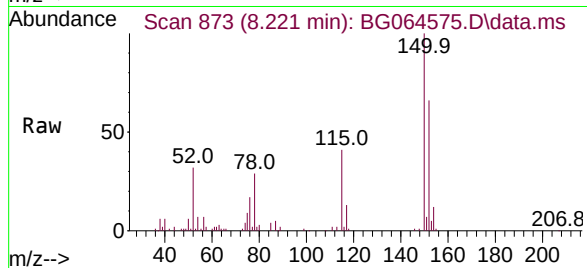
Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

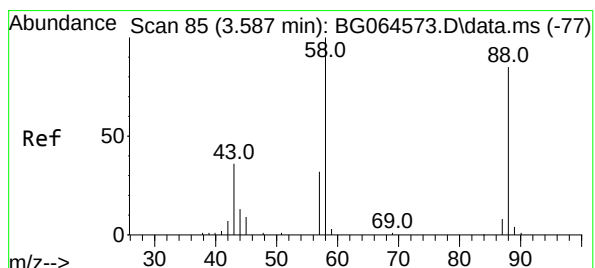
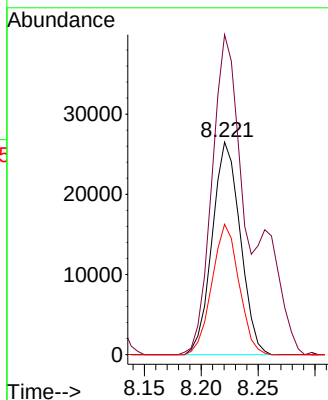
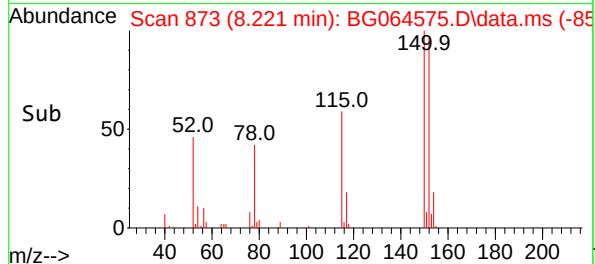
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 45466
Ion Ratio Lower Upper
152 100
150 150.5 122.2 183.4
115 61.3 50.8 76.2

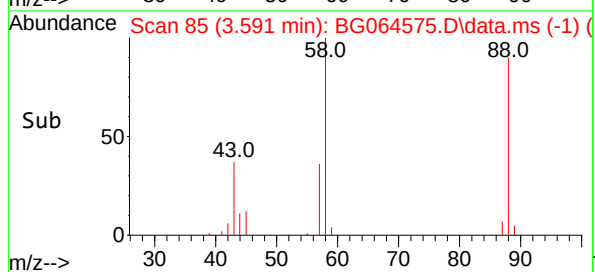
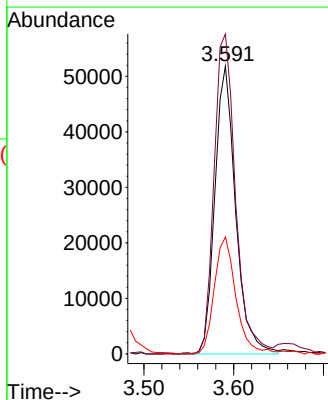
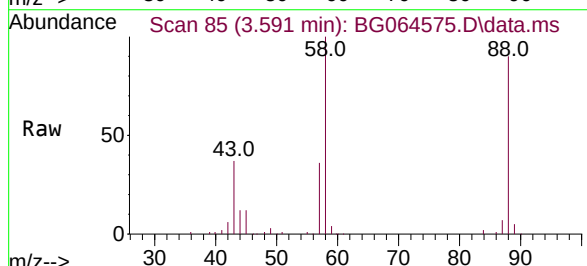
Manual Integrations
APPROVED

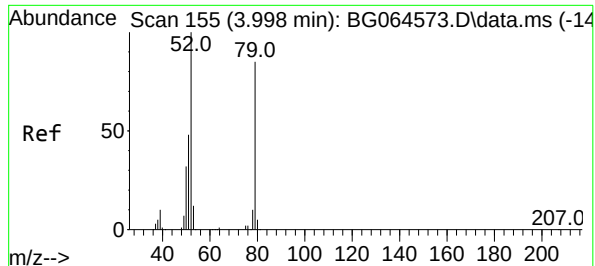
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 69.757 ng
RT: 3.591 min Scan# 85
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

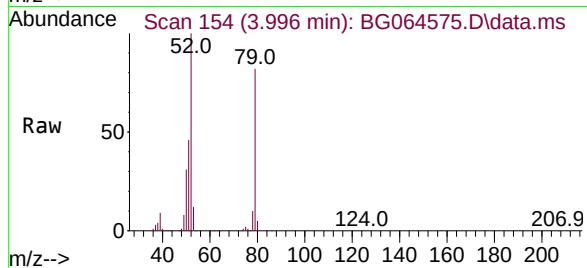
Tgt Ion: 88 Resp: 83655
Ion Ratio Lower Upper
88 100
58 114.3 92.4 138.6
43 42.2 33.0 49.6





#3
Pyridine
Concen: 72.062 ng
RT: 3.996 min Scan# 155
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

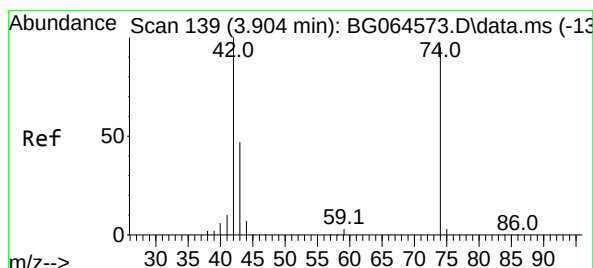
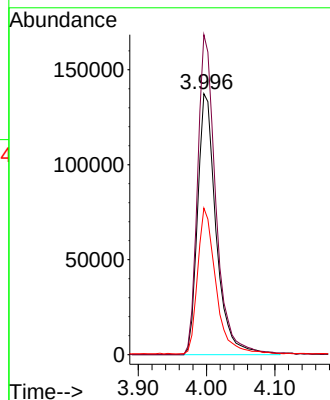
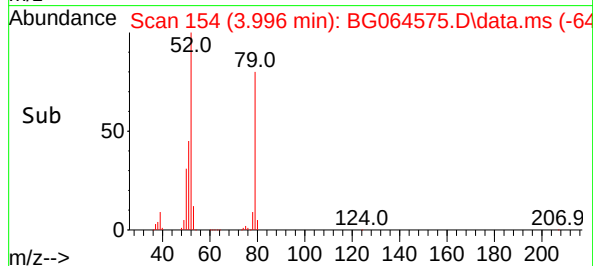
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 259519
Ion Ratio Lower Upper
79 100
52 122.7 94.2 141.2
51 56.2 46.1 69.1

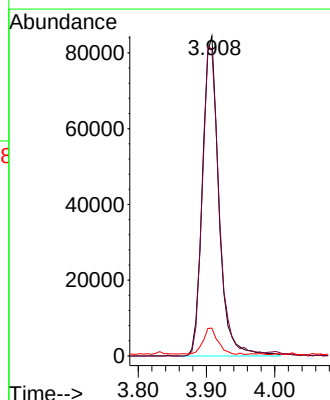
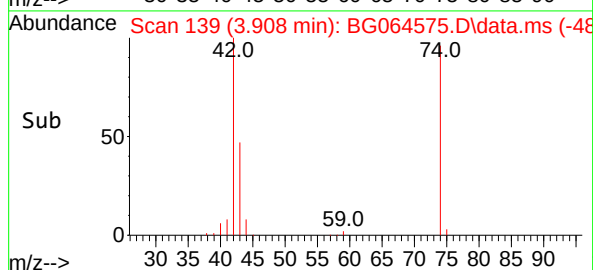
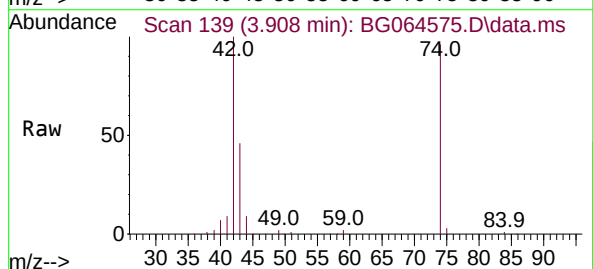
Manual Integrations
APPROVED

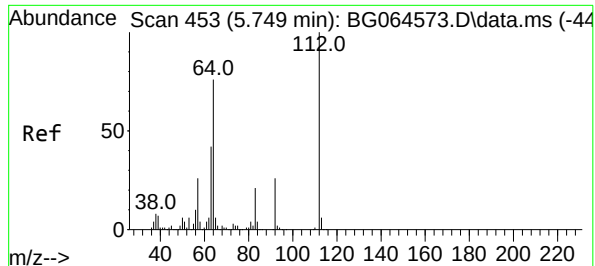
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 73.105 ng
RT: 3.908 min Scan# 139
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

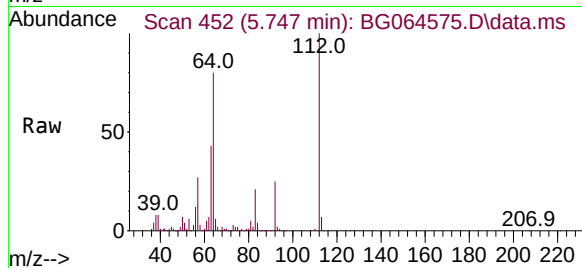
Tgt Ion: 42 Resp: 141185
Ion Ratio Lower Upper
42 100
74 96.0 76.1 114.1
44 8.7 6.3 9.5





#5
2-Fluorophenol
Concen: 151.948 ng
RT: 5.747 min Scan# 452
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

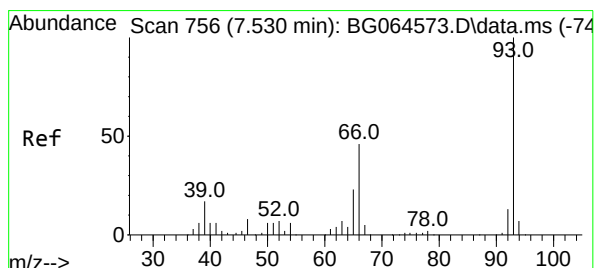
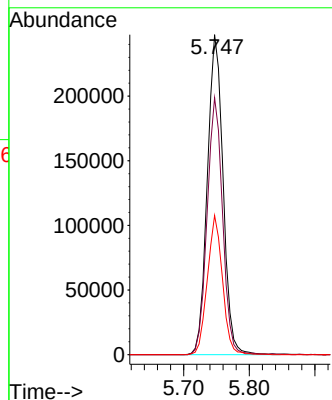
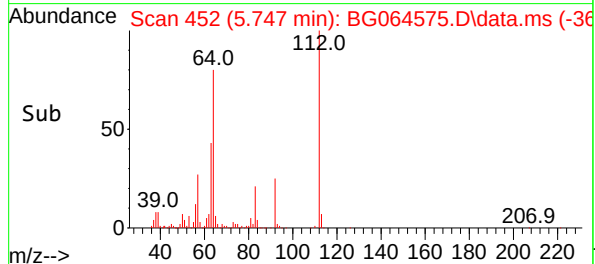
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 41158
Ion Ratio Lower Upper
112 100
64 80.3 60.7 91.1
63 43.5 33.4 50.0

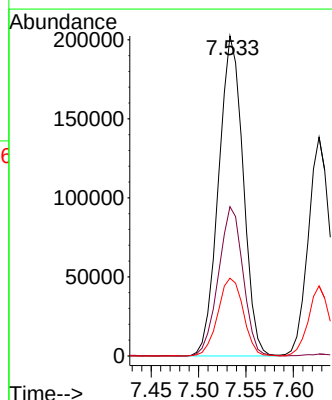
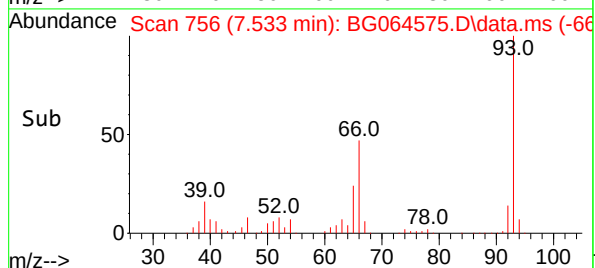
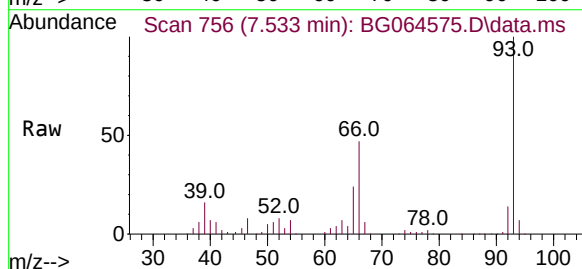
Manual Integrations
APPROVED

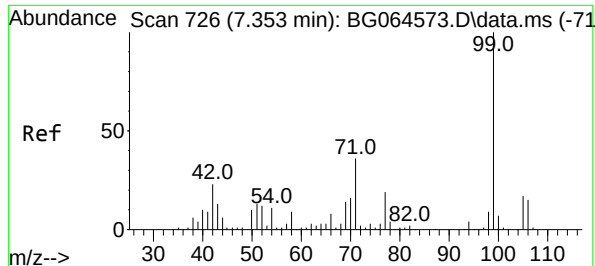
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 72.073 ng
RT: 7.533 min Scan# 756
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 364528
Ion Ratio Lower Upper
93 100
66 46.6 37.0 55.6
65 24.3 18.3 27.5





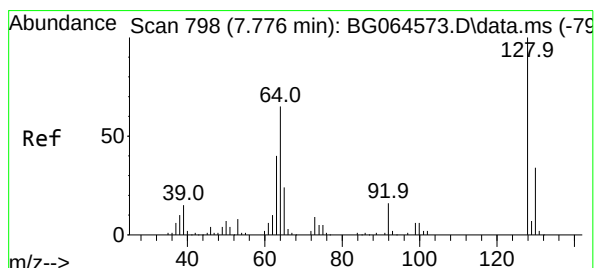
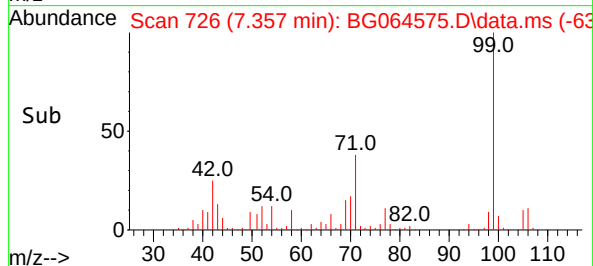
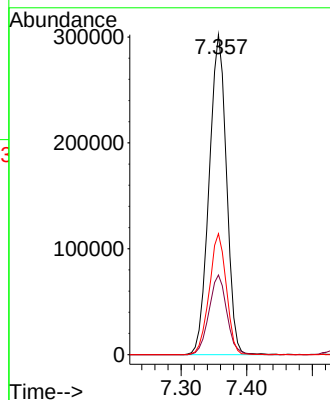
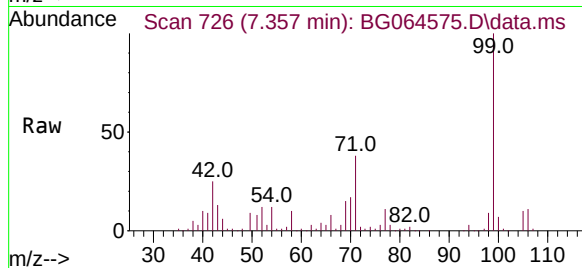
#7
Phenol-d6
Concen: 149.124 ng
RT: 7.357 min Scan# 726
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 55428
Ion Ratio Lower Upper
99 100
42 24.9 18.3 27.5
71 37.8 28.6 43.0

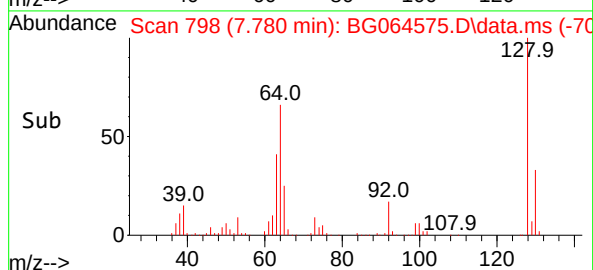
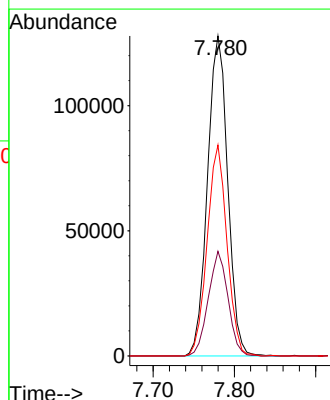
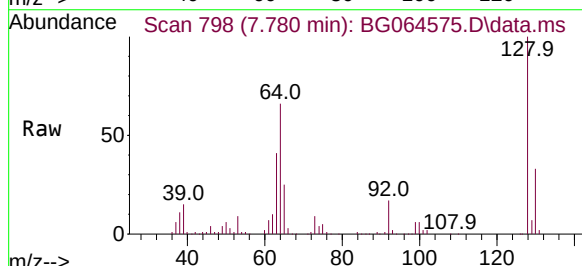
Manual Integrations
APPROVED

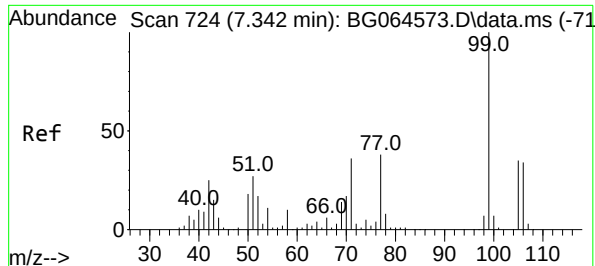
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 77.988 ng
RT: 7.780 min Scan# 798
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

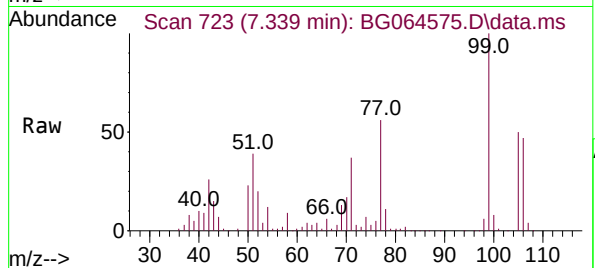
Tgt Ion:128 Resp: 221112
Ion Ratio Lower Upper
128 100
130 32.7 13.5 53.5
64 65.9 45.2 85.2





#9
Benzaldehyde
Concen: 59.361 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

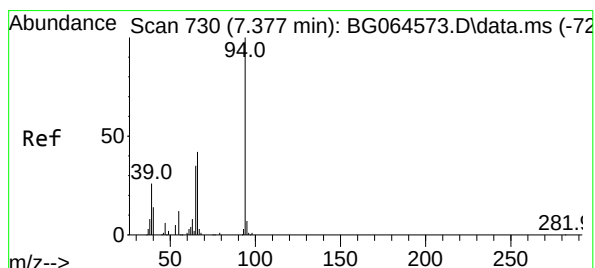
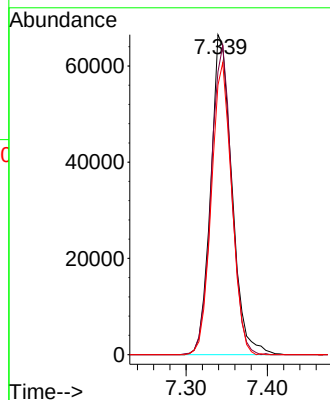
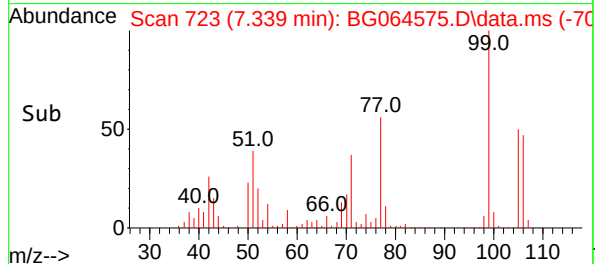
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 120456
Ion Ratio Lower Upper
77 100
105 88.4 72.9 112.9
106 84.2 70.8 110.8

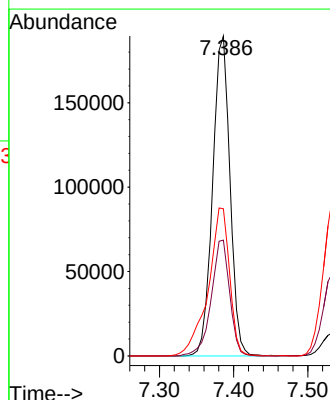
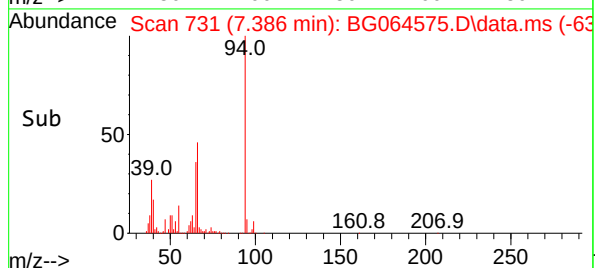
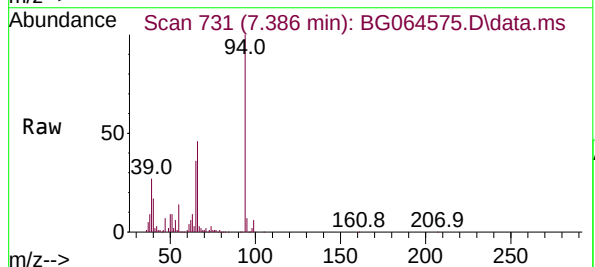
Manual Integrations
APPROVED

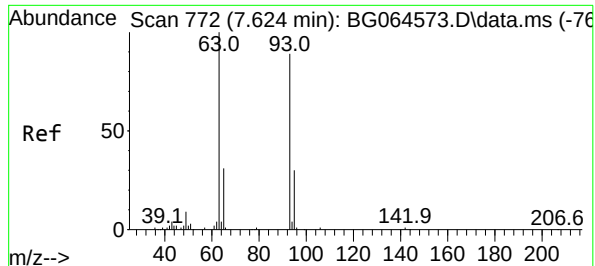
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 74.900 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 94 Resp: 307886
Ion Ratio Lower Upper
94 100
65 36.2 15.8 55.8
66 46.0 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 72.119 ng

RT: 7.627 min Scan# 71

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 217960

Ion Ratio Lower Upper

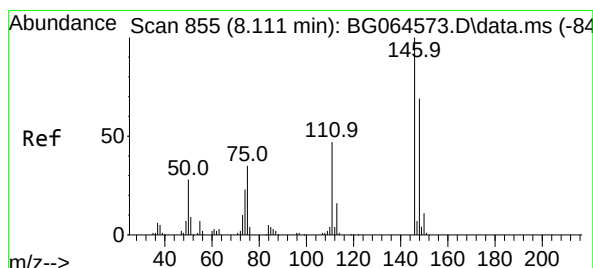
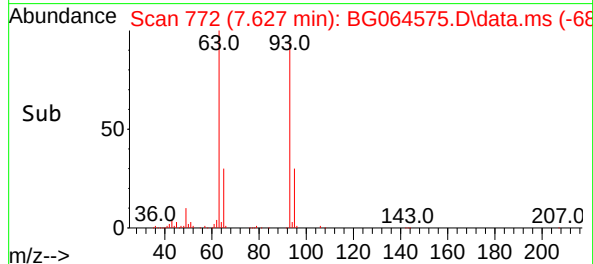
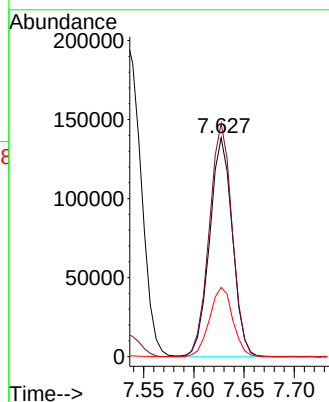
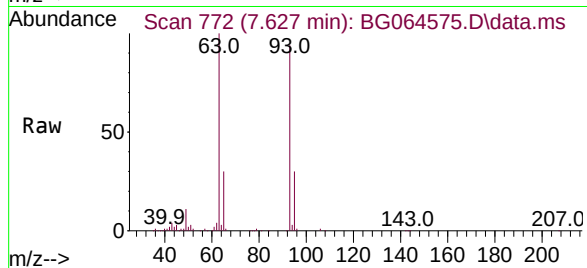
93 100

63 106.7 91.3 131.3

95 31.7 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#12

1,3-Dichlorobenzene

Concen: 72.385 ng

RT: 8.109 min Scan# 854

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

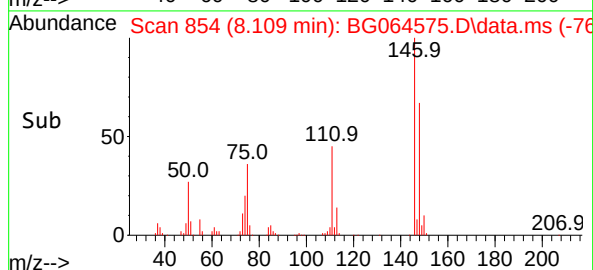
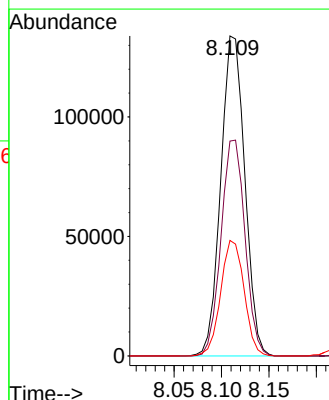
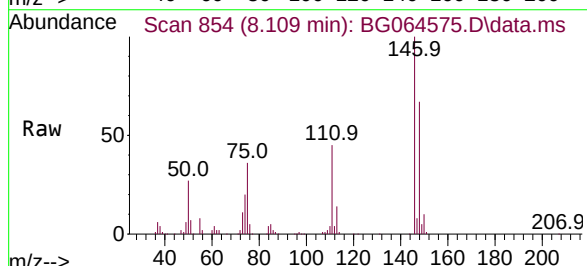
Tgt Ion:146 Resp: 236208

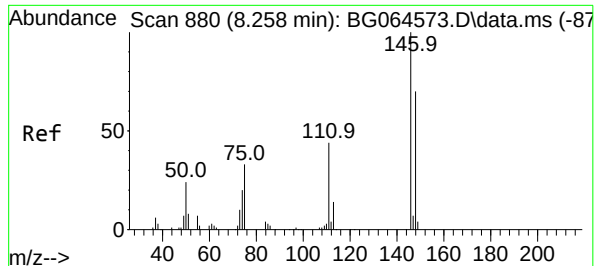
Ion Ratio Lower Upper

146 100

148 67.1 55.3 82.9

75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 72.502 ng

RT: 8.256 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 240570

Ion Ratio Lower Upper

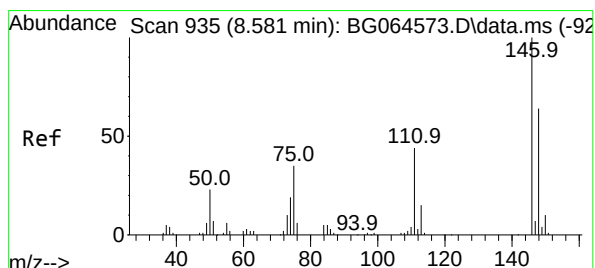
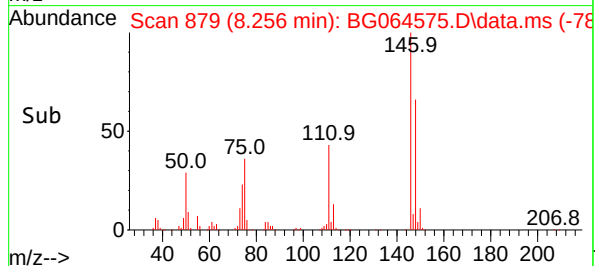
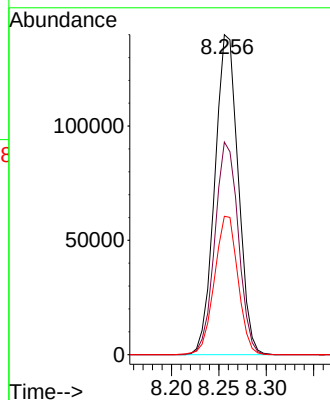
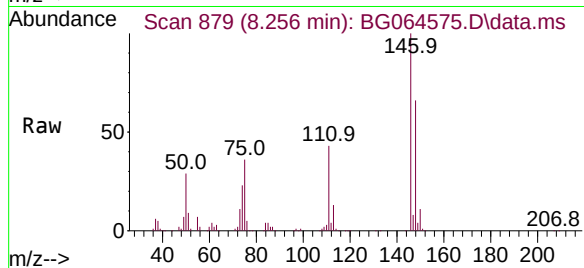
146 100

148 66.4 56.2 84.4

111 43.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#14

1,2-Dichlorobenzene

Concen: 72.905 ng

RT: 8.579 min Scan# 934

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

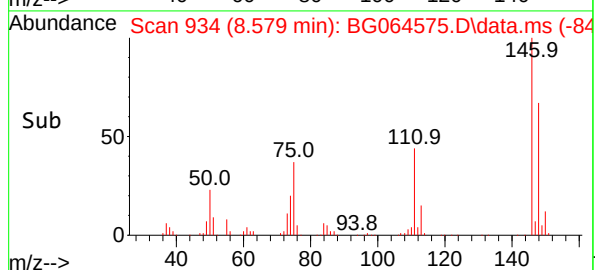
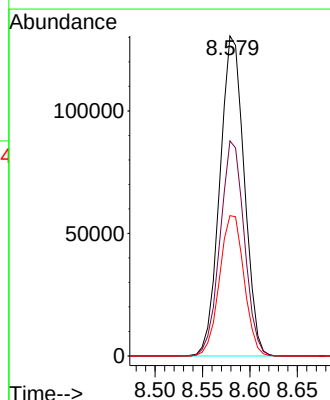
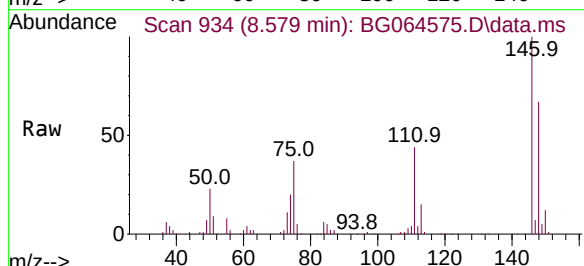
Tgt Ion:146 Resp: 233326

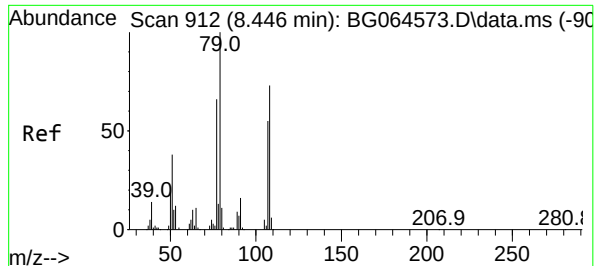
Ion Ratio Lower Upper

146 100

148 67.2 51.5 77.3

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 76.140 ng

RT: 8.456 min Scan# 912

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 233374

Ion Ratio Lower Upper

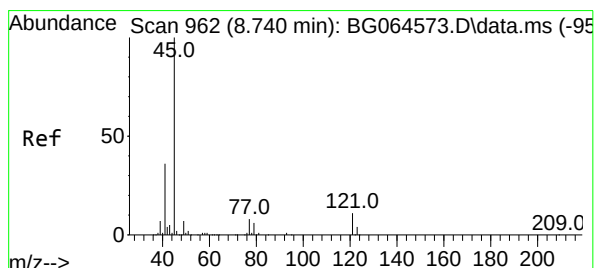
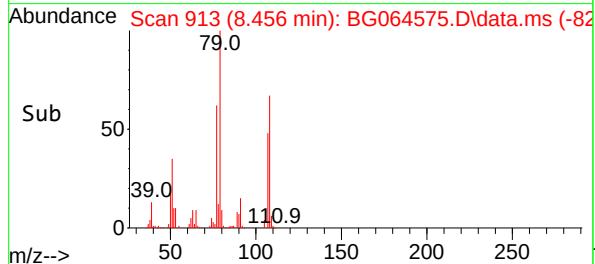
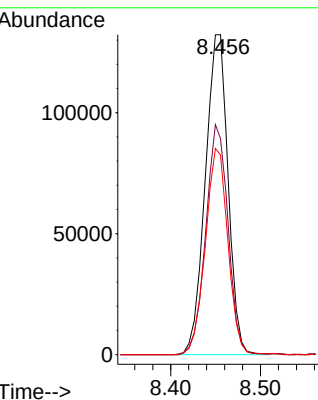
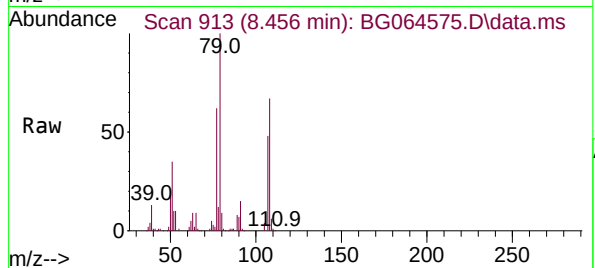
79 100

108 67.5 58.1 87.1

77 62.4 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.364 ng

RT: 8.743 min Scan# 962

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

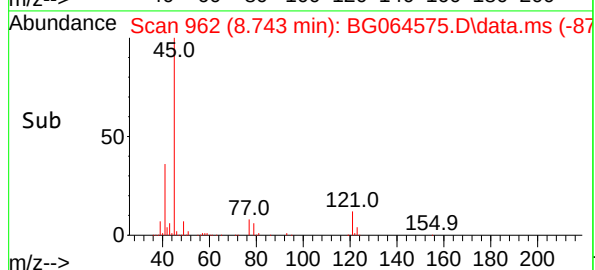
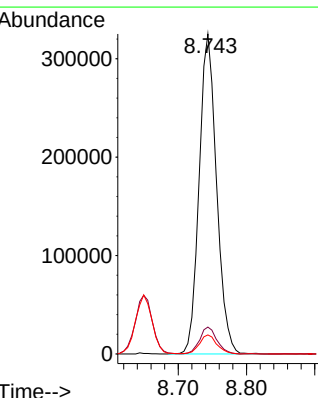
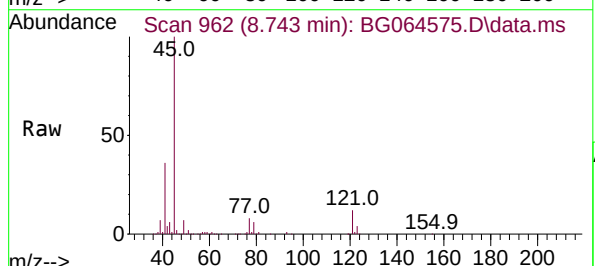
Tgt Ion: 45 Resp: 573671

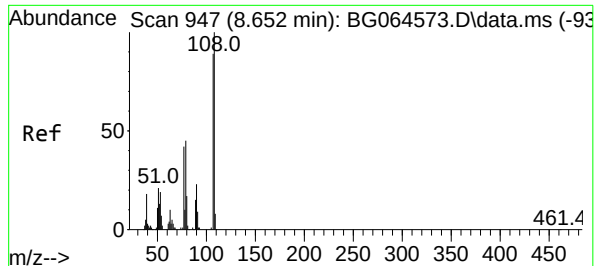
Ion Ratio Lower Upper

45 100

77 8.4 0.0 28.5

79 5.9 0.0 25.6





#17

2-Methylphenol

Concen: 74.625 ng

RT: 8.649 min Scan# 947

Delta R.T. -0.002 min

Lab File: BG064575.D

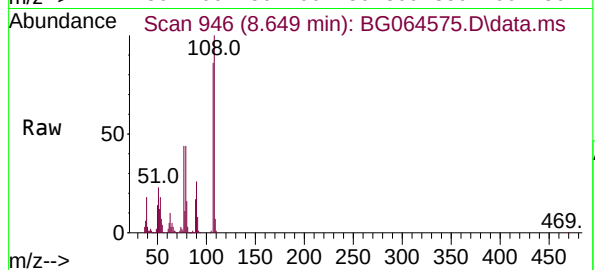
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 203662

Ion Ratio Lower Upper

107 100

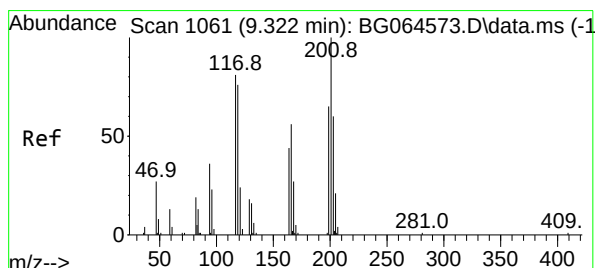
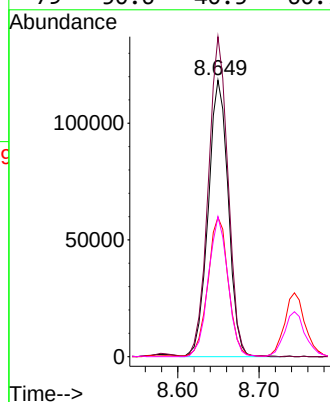
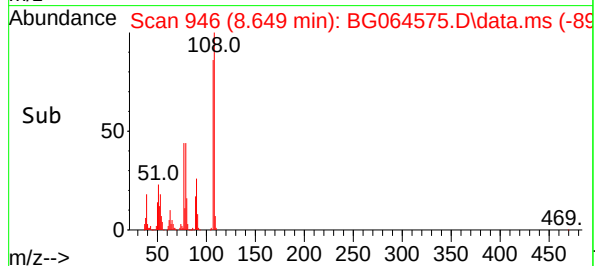
108 115.8 90.0 135.0

77 50.4 37.8 56.8

79 50.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#18

Hexachloroethane

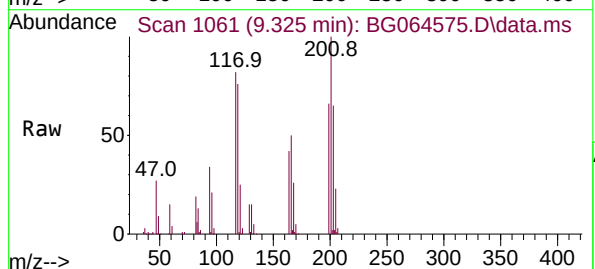
Concen: 75.469 ng

RT: 9.325 min Scan# 1061

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24



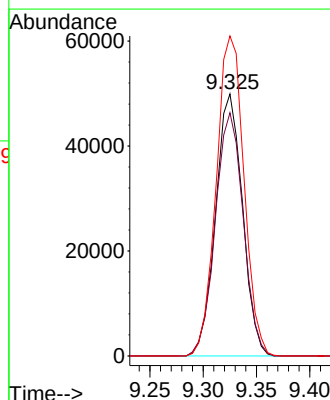
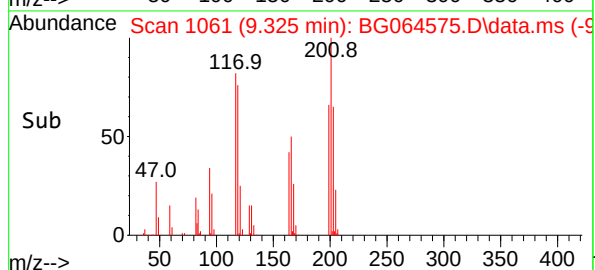
Tgt Ion:117 Resp: 87876

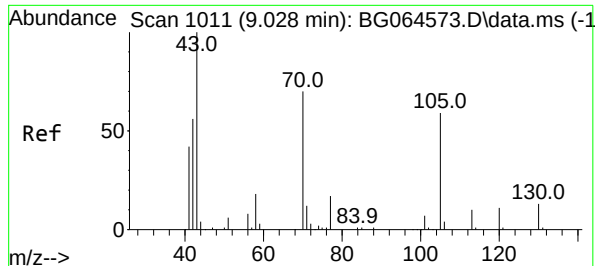
Ion Ratio Lower Upper

117 100

119 92.8 75.4 113.2

201 122.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 74.804 ng

RT: 9.031 min Scan# 1011

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 19215

Ion Ratio Lower Upper

70 100

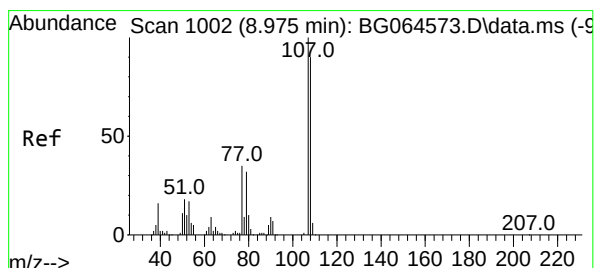
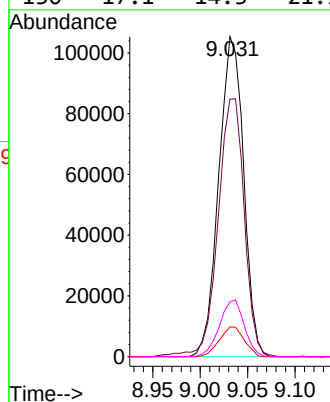
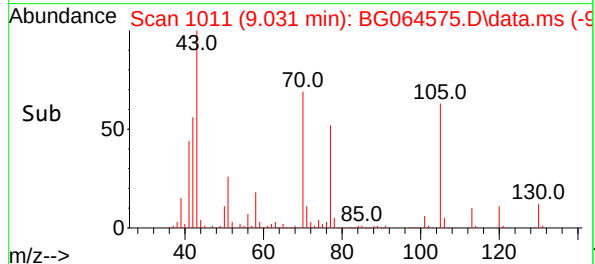
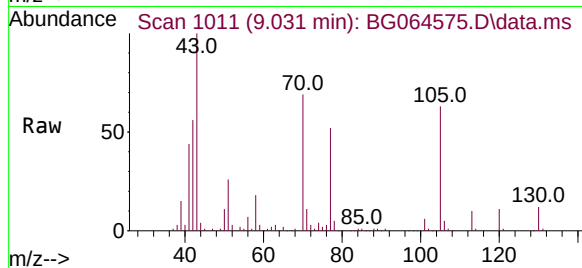
42 80.5 65.2 97.8

101 9.3 7.9 11.9

130 17.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#20

3+4-Methylphenols

Concen: 74.434 ng

RT: 8.984 min Scan# 1003

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 285690

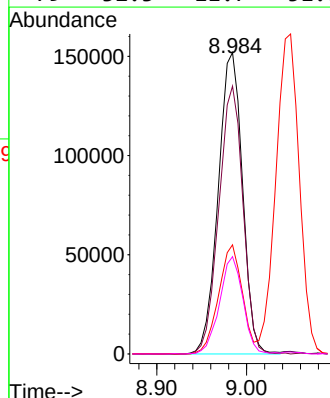
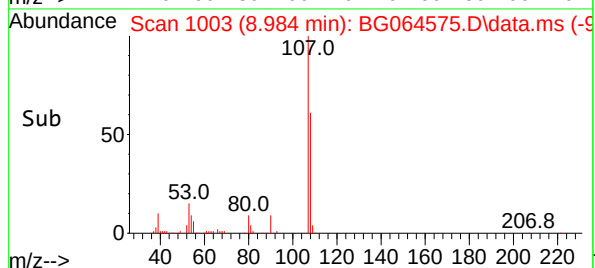
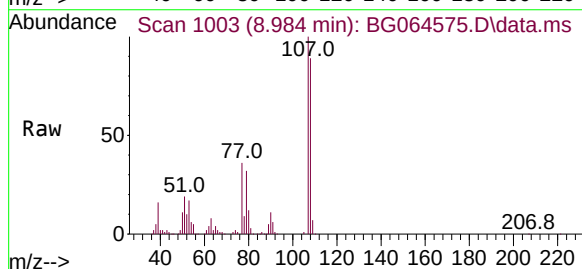
Ion Ratio Lower Upper

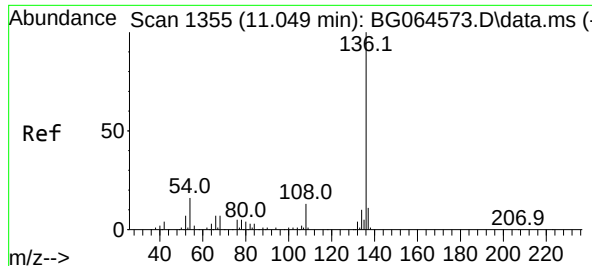
107 100

108 88.9 70.3 110.3

77 36.2 14.6 54.6

79 32.3 11.7 51.7





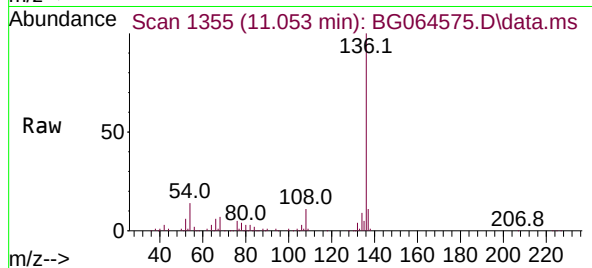
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1355
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

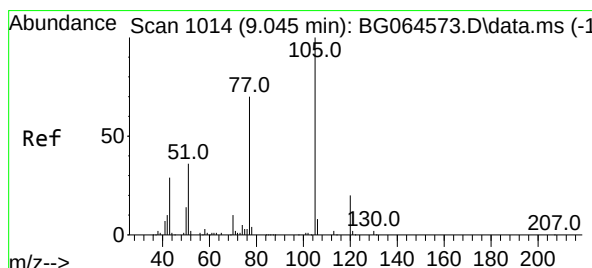
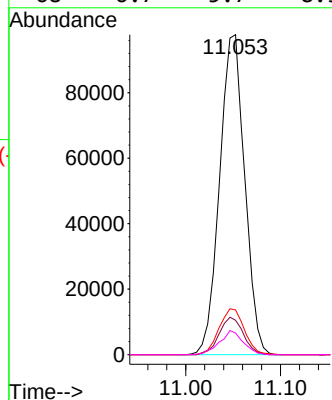
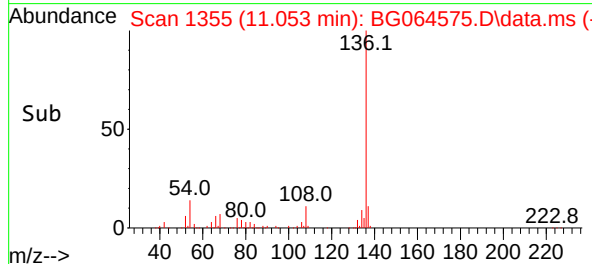


Tgt Ion:136 Resp: 179569
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 14.0 12.6 19.0
68 6.7 5.7 8.5

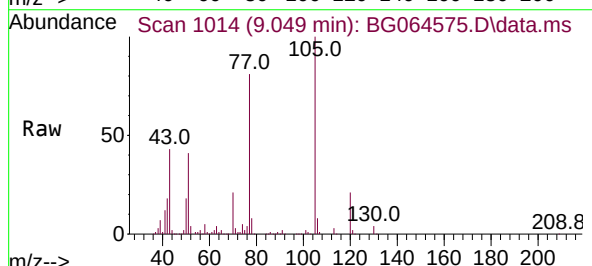
Manual Integrations

APPROVED

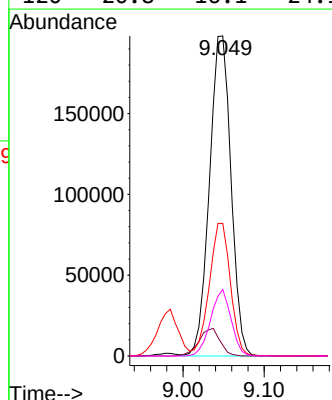
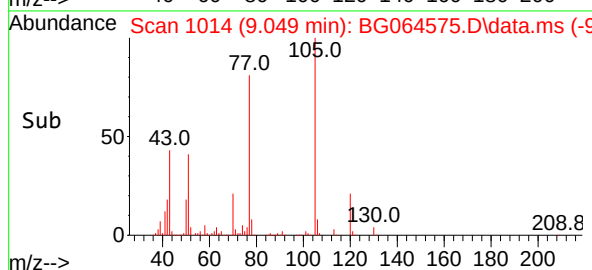
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

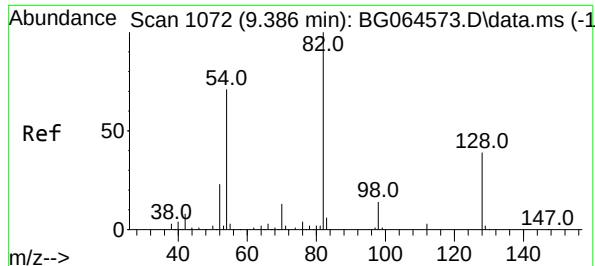


#22
Acetophenone
Concen: 74.412 ng
RT: 9.049 min Scan# 1014
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:105 Resp: 365265
Ion Ratio Lower Upper
105 100
71 3.4 1.5 2.3#
51 41.4 33.7 50.5
120 20.8 16.1 24.1





#23

Nitrobenzene-d5

Concen: 171.034 ng

RT: 9.390 min Scan# 1072

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 51134

Ion Ratio Lower Upper

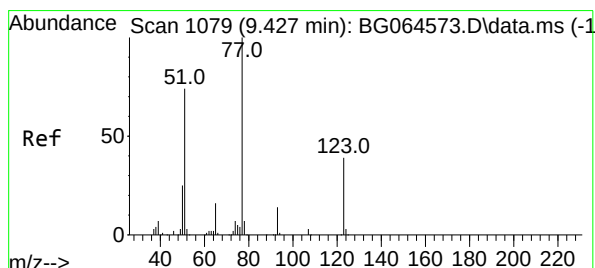
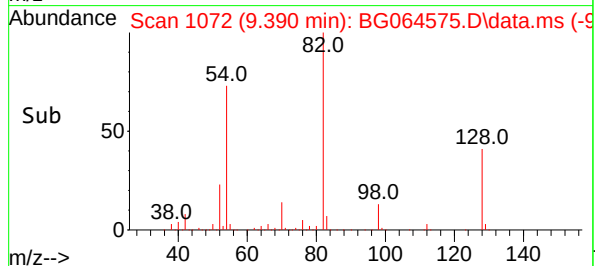
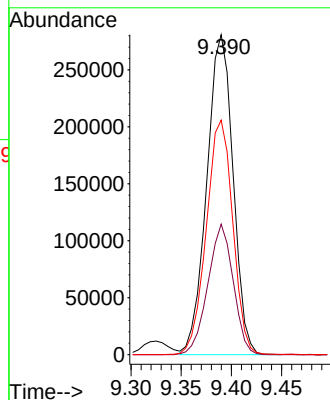
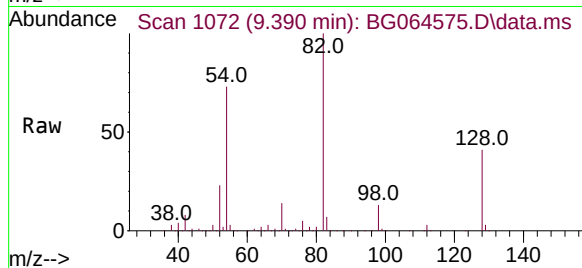
82 100

128 40.8 31.3 46.9

54 73.3 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#24

Nitrobenzene

Concen: 84.025 ng

RT: 9.431 min Scan# 1079

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

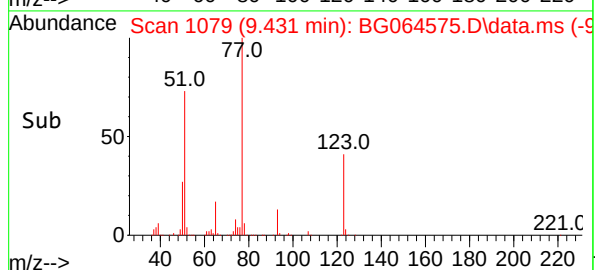
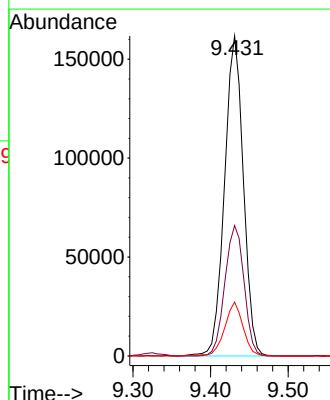
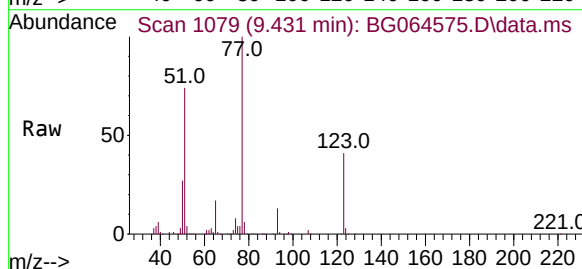
Tgt Ion: 77 Resp: 273231

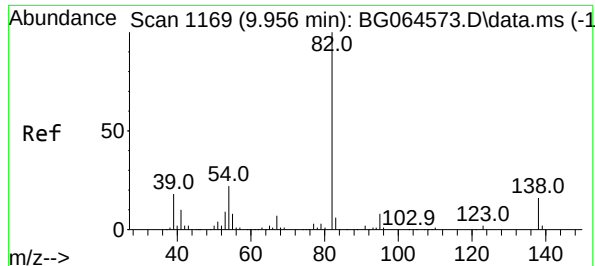
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 16.8 12.7 19.1





#25

Isophorone

Concen: 75.150 ng

RT: 9.966 min Scan# 1169

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 53912

Ion Ratio Lower Upper

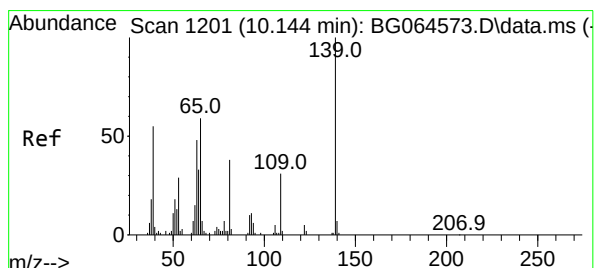
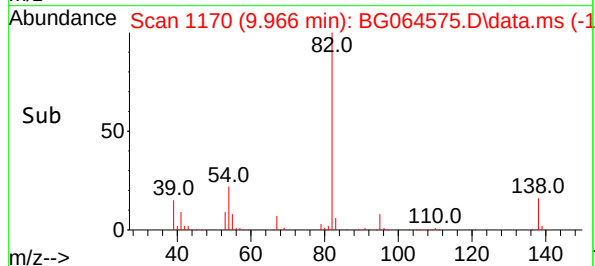
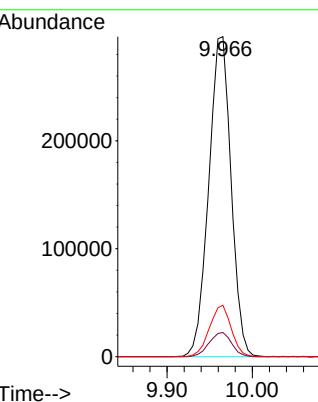
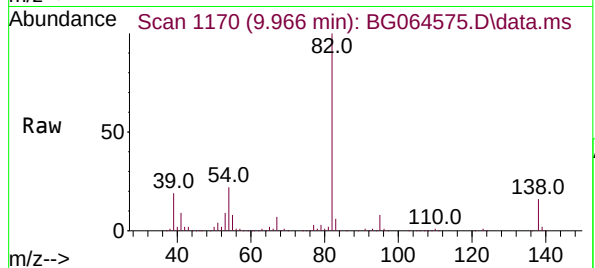
82 100

95 7.5 6.1 9.1

138 16.0 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#26

2-Nitrophenol

Concen: 79.938 ng

RT: 10.148 min Scan# 1201

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

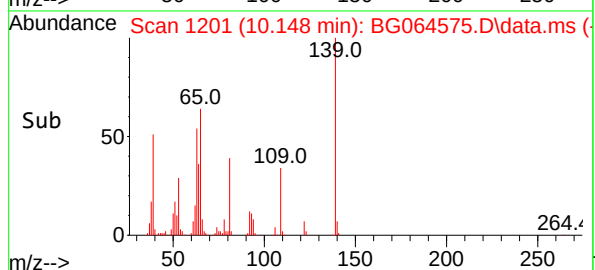
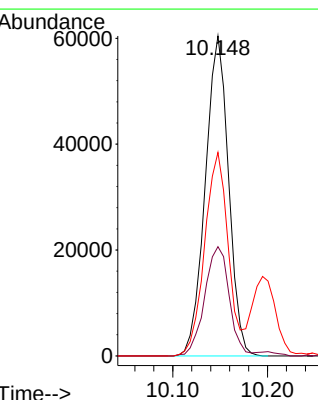
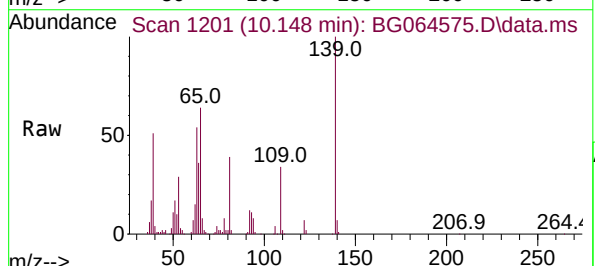
Tgt Ion:139 Resp: 103090

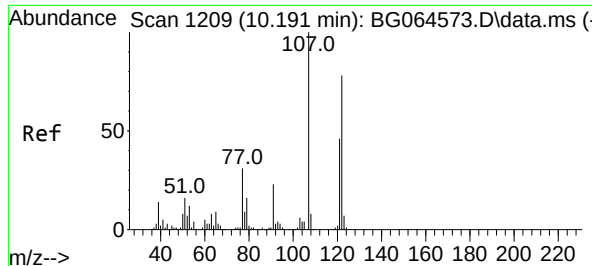
Ion Ratio Lower Upper

139 100

109 34.1 24.6 37.0

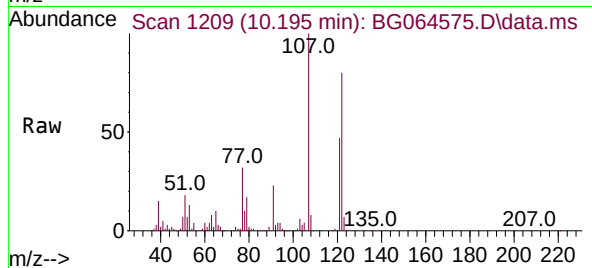
65 63.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 77.967 ng
RT: 10.195 min Scan# 1209
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

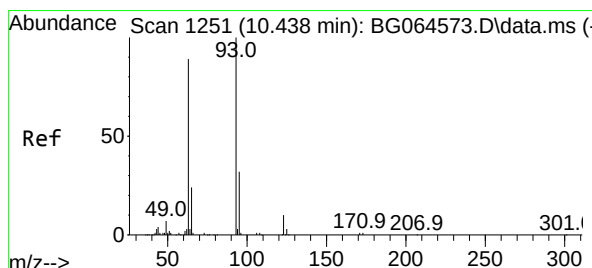
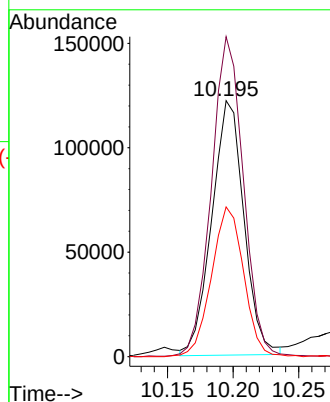
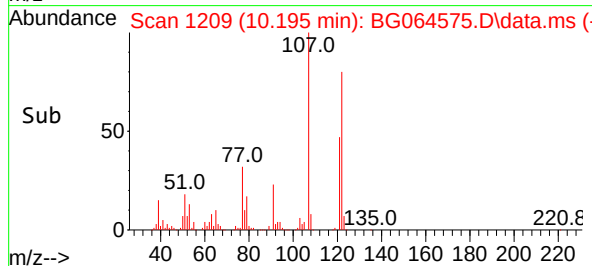
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 208054
Ion Ratio Lower Upper
122 100
107 125.0 103.0 154.4
121 58.5 47.8 71.8

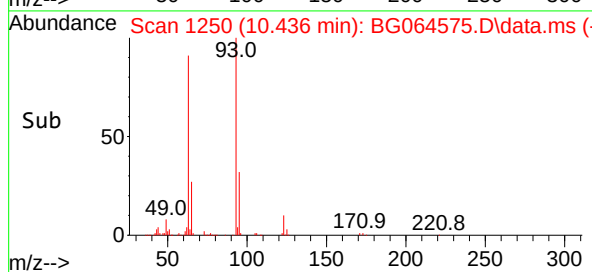
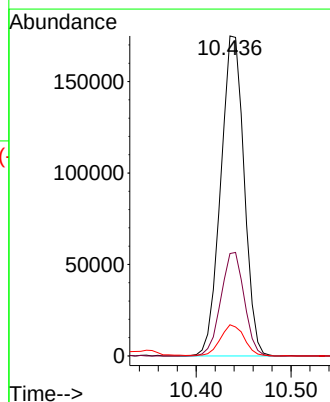
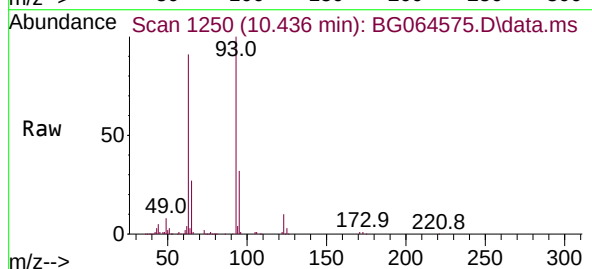
Manual Integrations
APPROVED

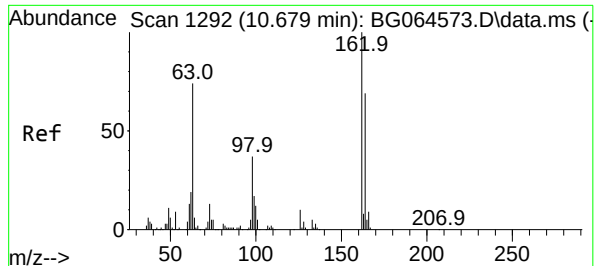
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 73.388 ng
RT: 10.436 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 299758
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.2
123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 80.526 ng

RT: 10.682 min Scan# 1292

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

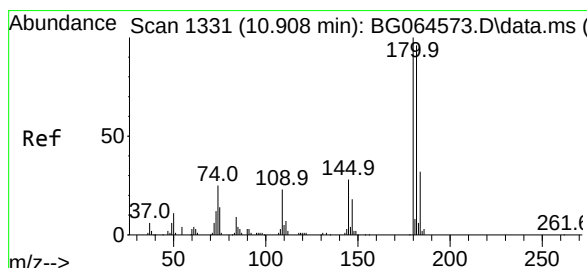
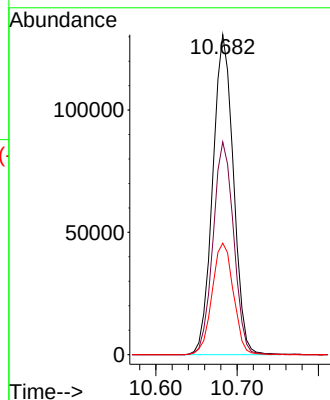
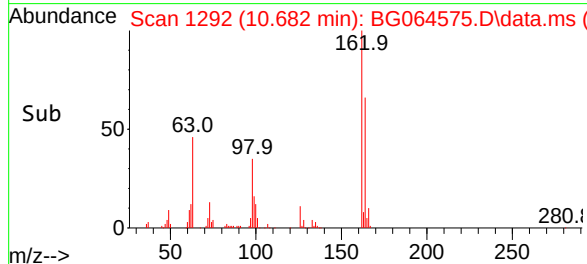
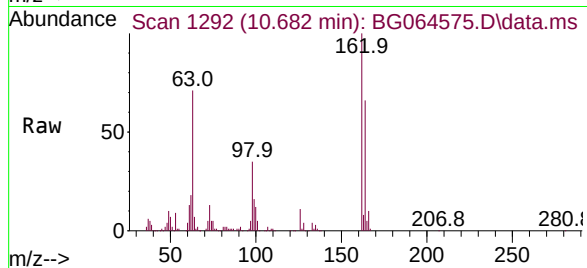
SSTDICC080

Tgt Ion:	162	Resp:	231256
Ion Ratio	Lower	Upper	
162	100		
164	66.5	48.7	88.7
98	34.8	16.9	56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 76.888 ng

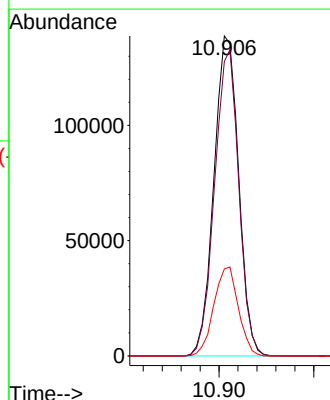
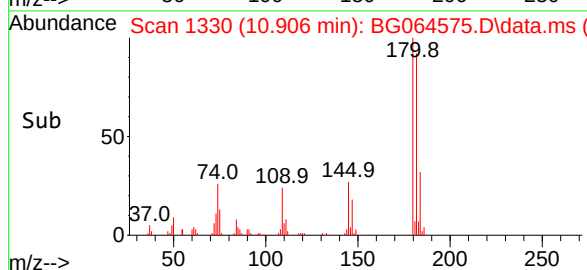
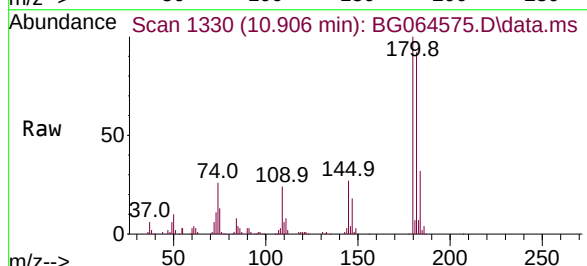
RT: 10.906 min Scan# 1330

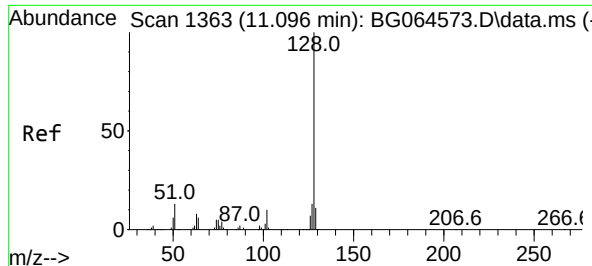
Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

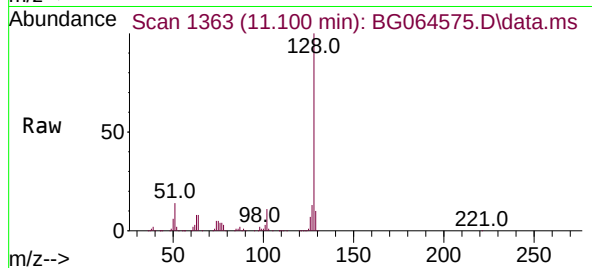
Tgt Ion:	180	Resp:	250883
Ion Ratio	Lower	Upper	
180	100		
182	92.0	76.9	115.3
145	27.2	22.1	33.1





#31
Naphthalene
Concen: 74.828 ng
RT: 11.100 min Scan# 1363
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

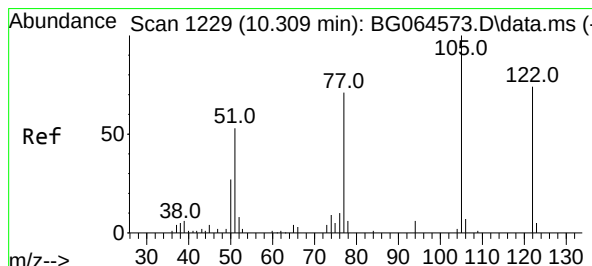
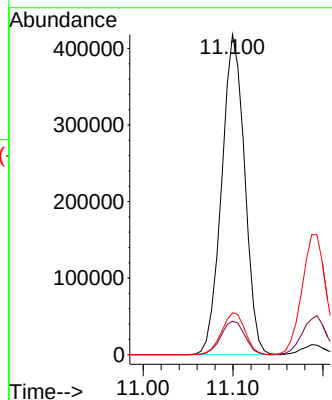
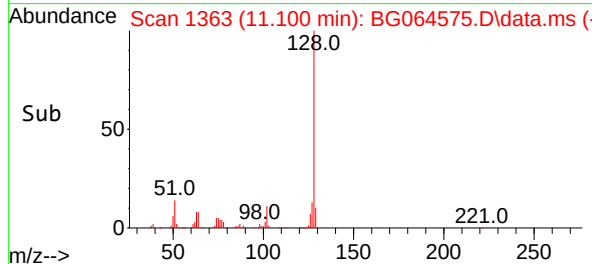
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 744985
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.1 10.6 15.8

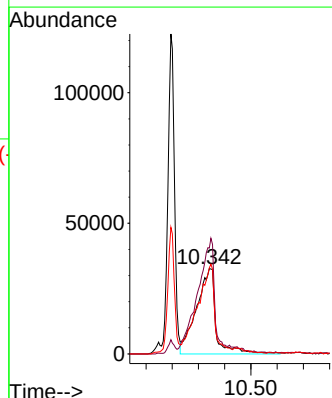
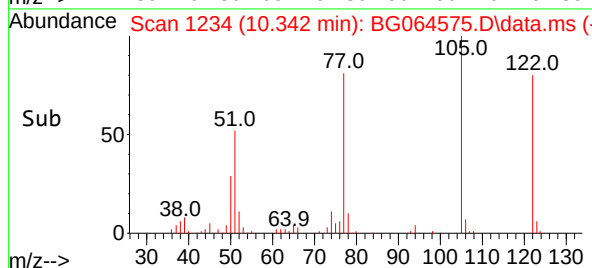
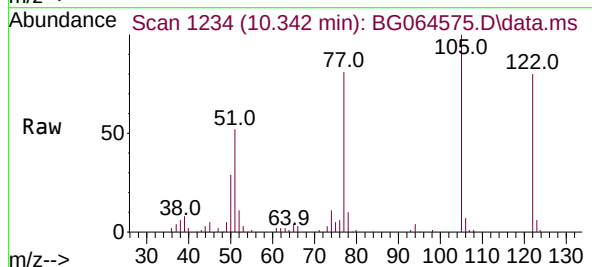
Manual Integrations
APPROVED

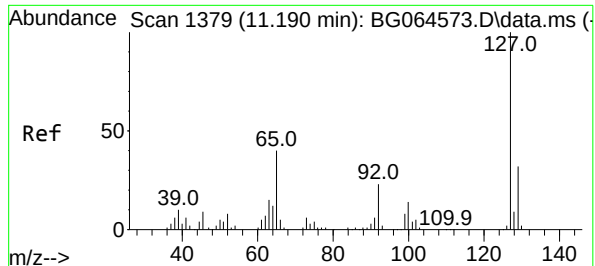
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 77.917 ng m
RT: 10.342 min Scan# 1234
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

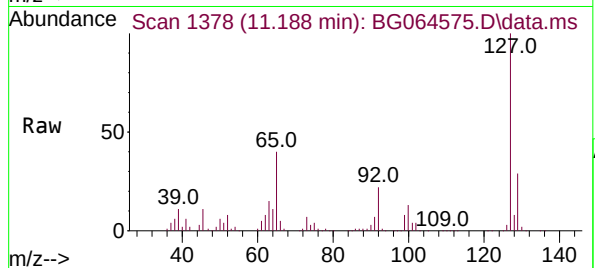
Tgt Ion:122 Resp: 169962
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 100.9 70.2 110.2





#33
4-Chloroaniline
Concen: 75.100 ng
RT: 11.188 min Scan# 1379
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

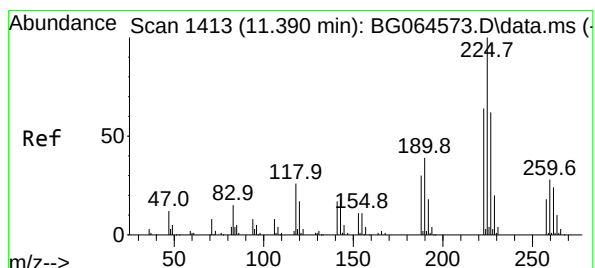
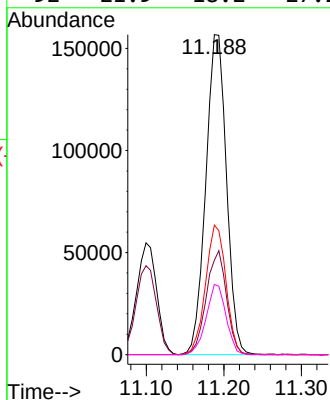
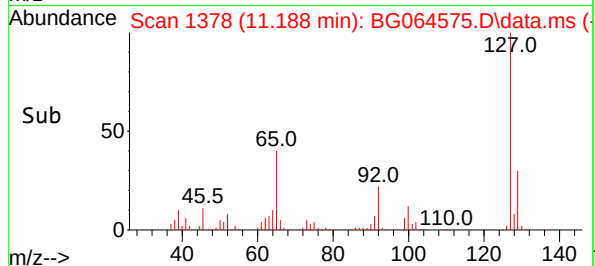
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



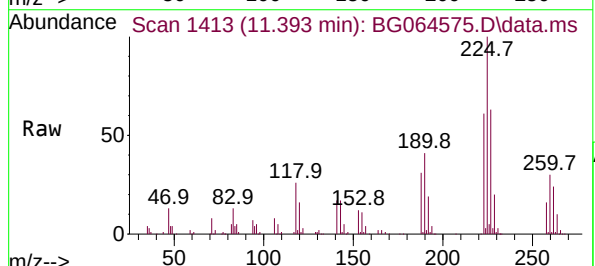
Tgt Ion:127 Resp: 290611
Ion Ratio Lower Upper
127 100
129 29.5 25.5 38.3
65 40.5 32.2 48.4
92 21.9 18.2 27.2

Manual Integrations
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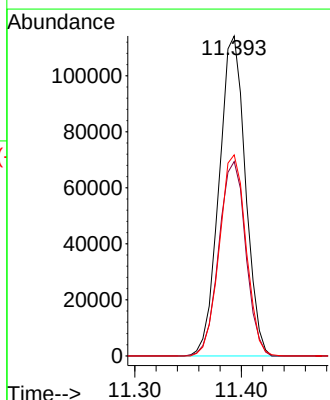
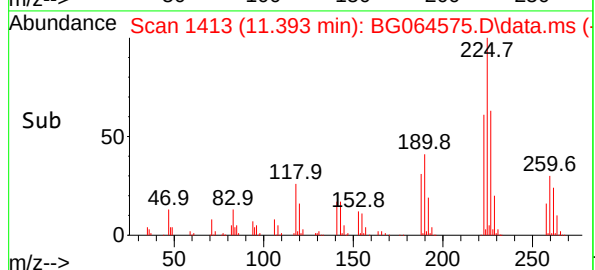
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

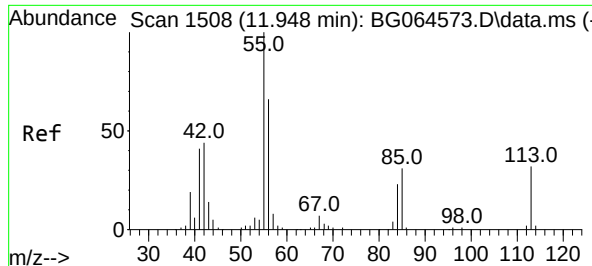


#34
Hexachlorobutadiene
Concen: 76.863 ng
RT: 11.393 min Scan# 1413
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



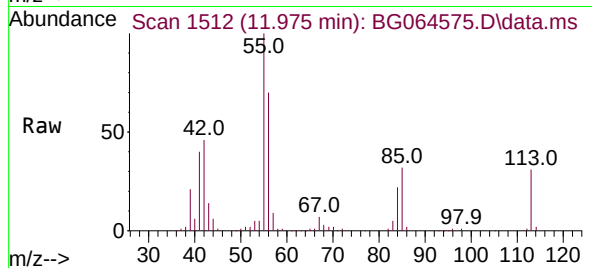
Tgt Ion:225 Resp: 196140
Ion Ratio Lower Upper
225 100
223 60.7 48.8 73.2
227 62.8 49.5 74.3





#35
Caprolactam
Concen: 75.596 ng
RT: 11.975 min Scan# 1512
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

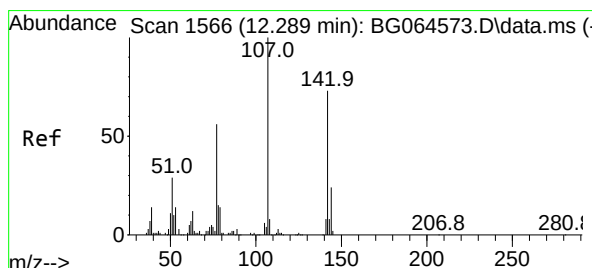
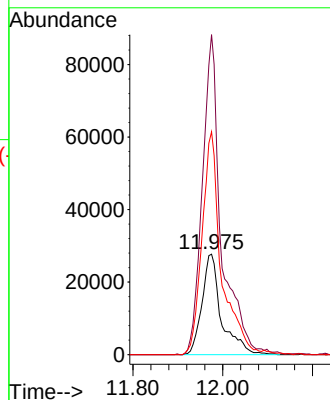
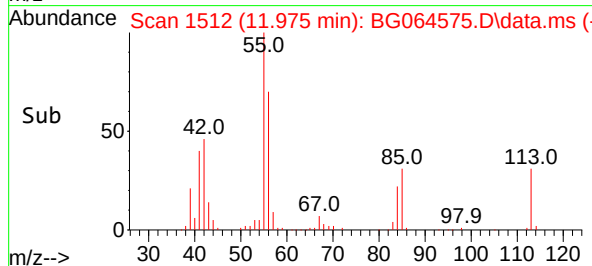
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



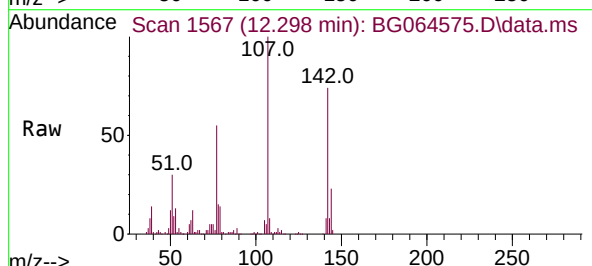
Tgt Ion:113 Resp: 83266
Ion Ratio Lower Upper
113 100
55 318.6 290.1 330.1
56 221.7 183.8 223.8

Manual Integrations
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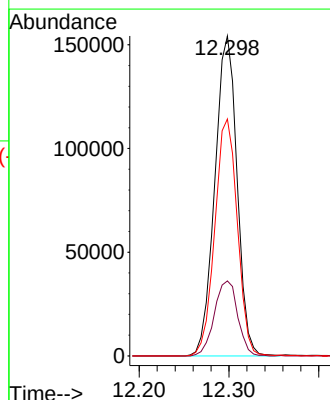
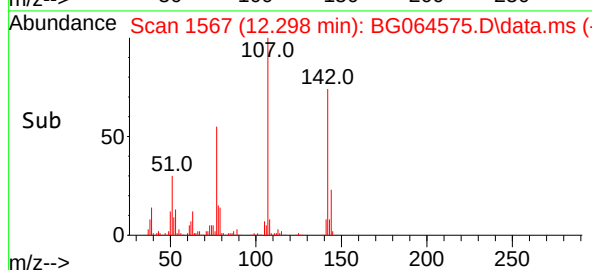
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

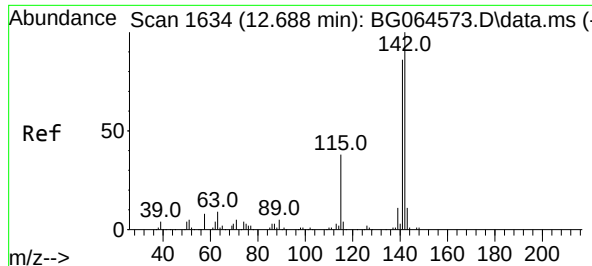


#36
4-Chloro-3-methylphenol
Concen: 77.031 ng
RT: 12.298 min Scan# 1567
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:107 Resp: 265909
Ion Ratio Lower Upper
107 100
144 23.4 19.1 28.7
142 74.0 58.6 87.8





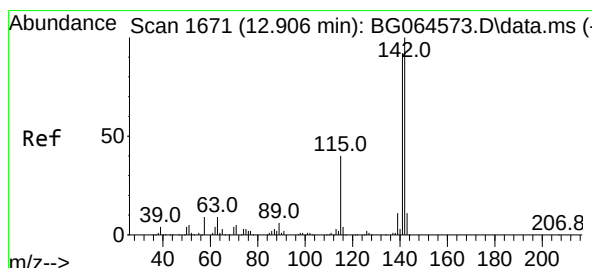
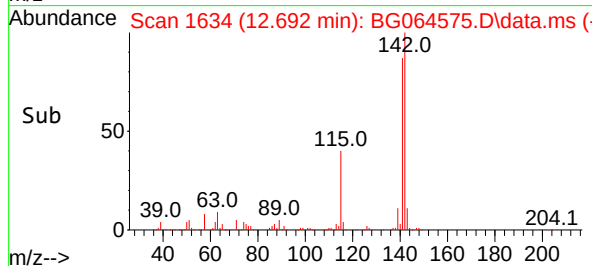
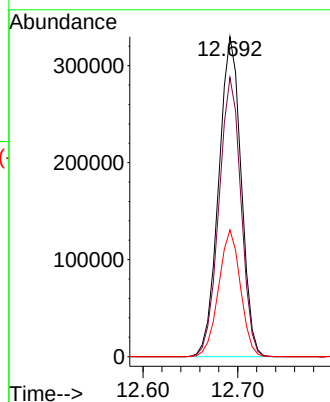
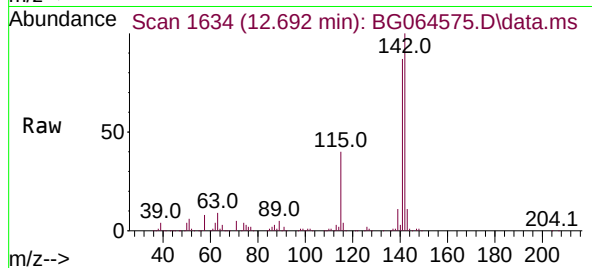
#37
2-Methylnaphthalene
Concen: 74.168 ng
RT: 12.692 min Scan# 1634
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 542132
Ion Ratio Lower Upper
142 100
141 87.2 68.9 103.3
115 39.6 30.6 46.0

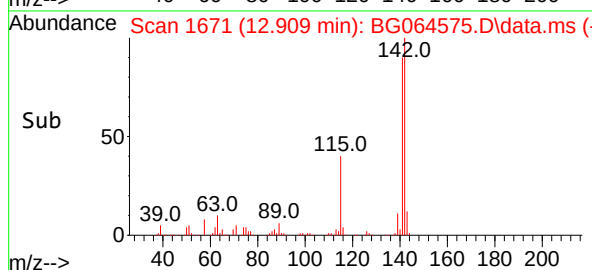
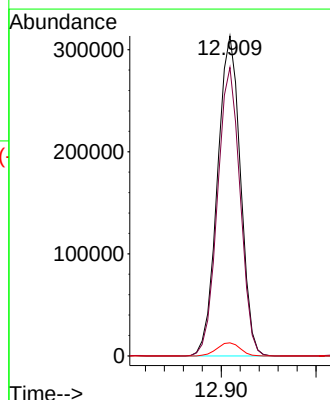
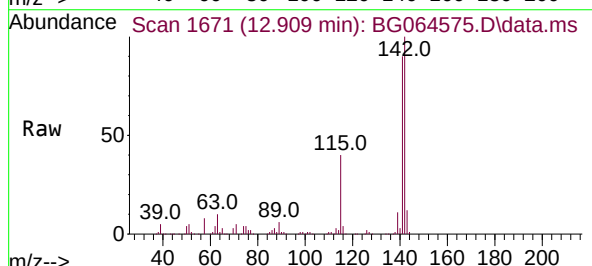
Manual Integrations
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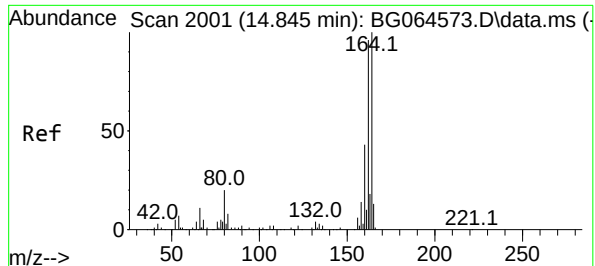
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 72.945 ng
RT: 12.909 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:142 Resp: 527717
Ion Ratio Lower Upper
142 100
141 90.1 73.3 109.9
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.842 min Scan# 2001

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

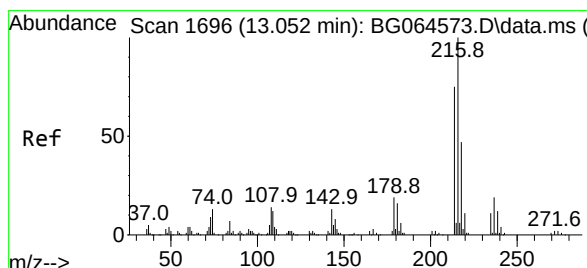
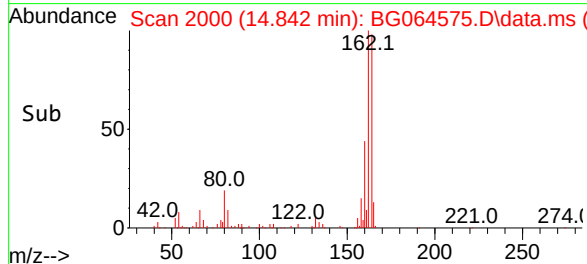
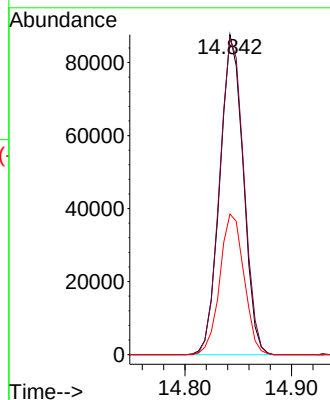
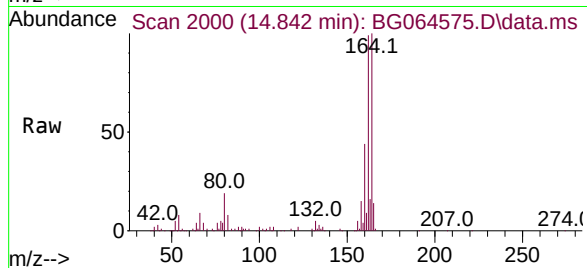
ClientSampleId :

SSTDICC080

Tgt Ion:164	Resp:	13379
Ion Ratio	Lower	Upper
164	100	
162	98.9	77.0 115.6
160	43.9	34.4 51.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 78.328 ng

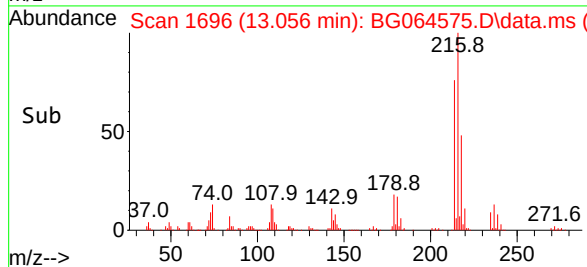
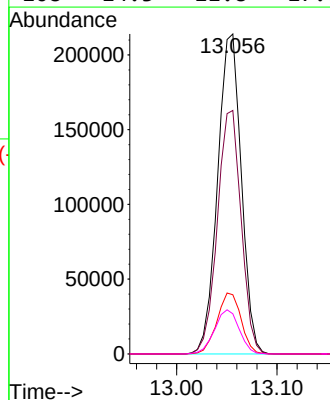
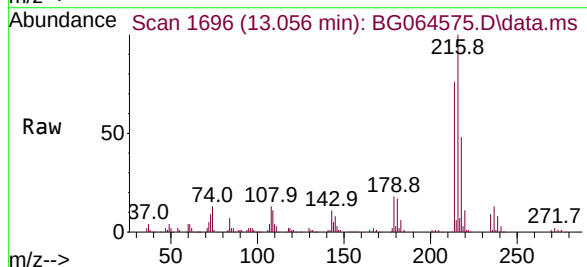
RT: 13.056 min Scan# 1696

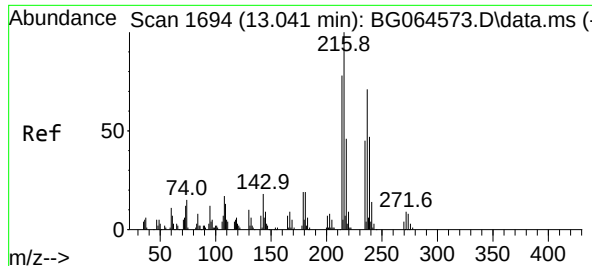
Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

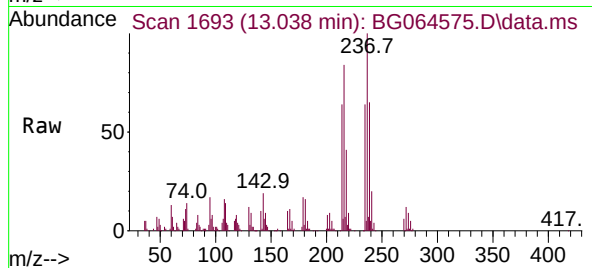
Tgt Ion:216	Resp:	351719
Ion Ratio	Lower	Upper
216	100	
214	76.1	61.4 92.2
179	19.3	15.4 23.0
108	14.3	11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 80.876 ng
RT: 13.038 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

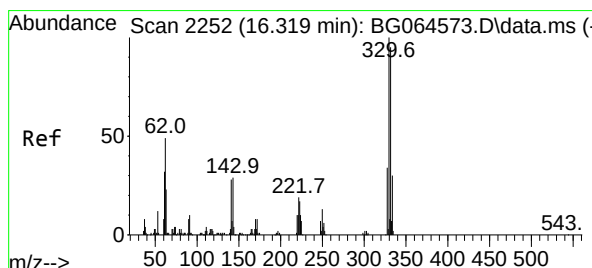
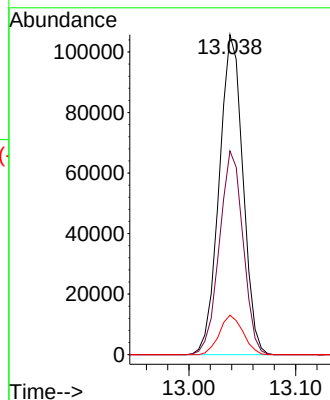
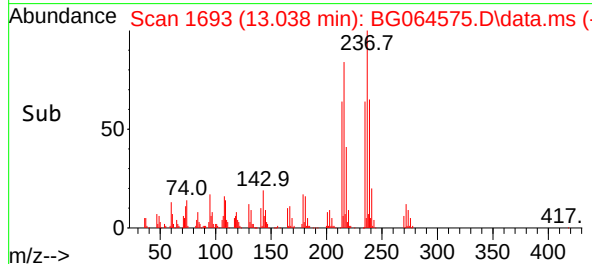
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:237 Resp: 16346
Ion Ratio Lower Upper
237 100
235 63.6 44.1 84.1
272 12.3 0.0 32.4

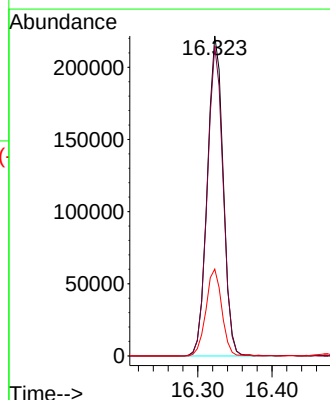
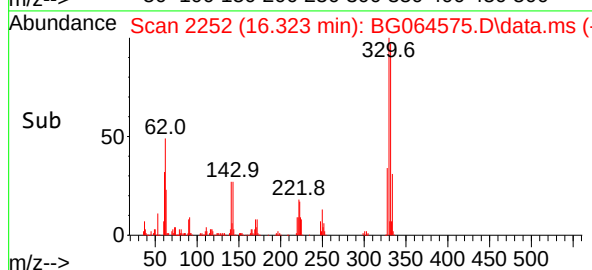
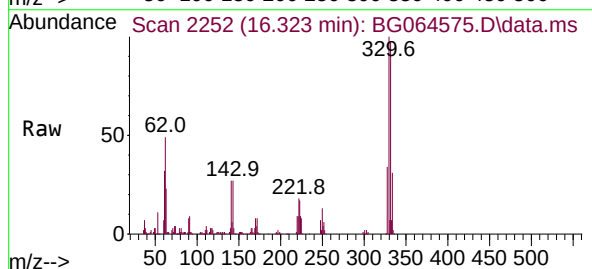
Manual Integrations
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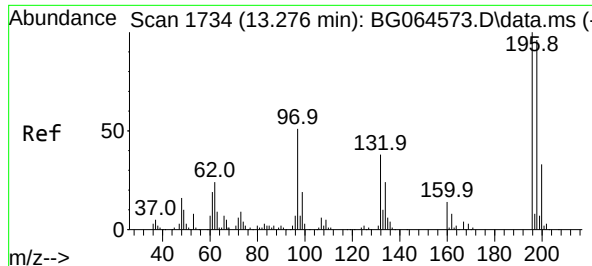
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 169.886 ng
RT: 16.323 min Scan# 2252
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:330 Resp: 328066
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 27.1 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 84.998 ng

RT: 13.279 min Scan# 1734

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 218318

Ion Ratio Lower Upper

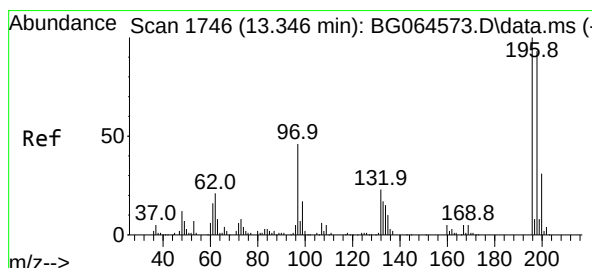
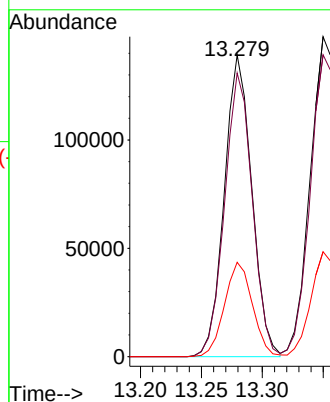
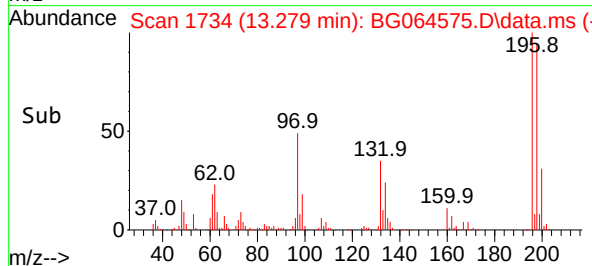
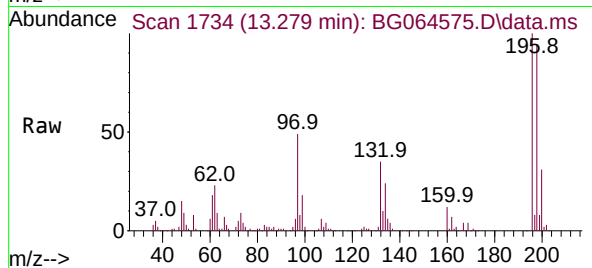
196 100

198 94.0 76.6 115.0

200 31.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#44

2,4,5-Trichlorophenol

Concen: 82.064 ng

RT: 13.350 min Scan# 1746

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Tgt Ion:196 Resp: 243241

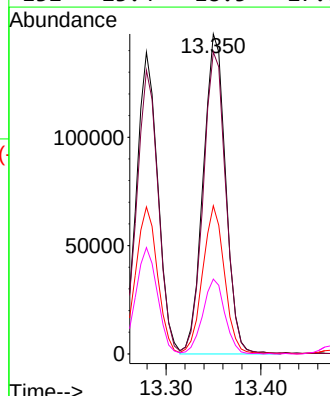
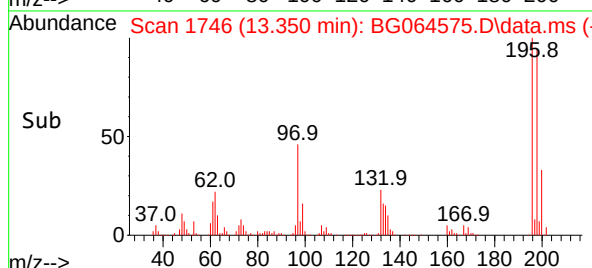
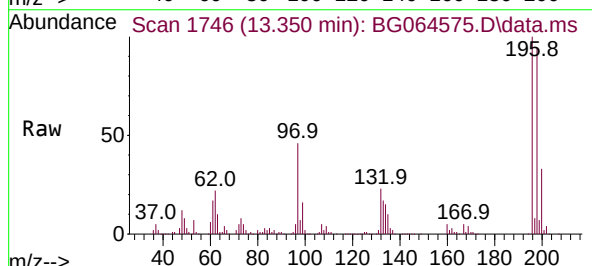
Ion Ratio Lower Upper

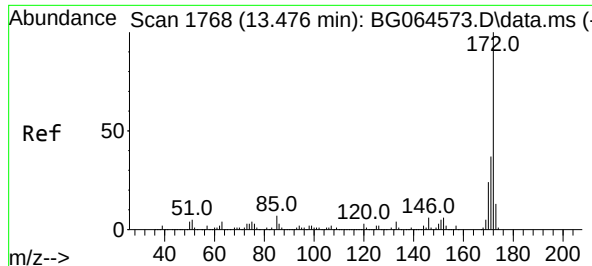
196 100

198 94.3 74.2 111.4

97 46.3 37.0 55.6

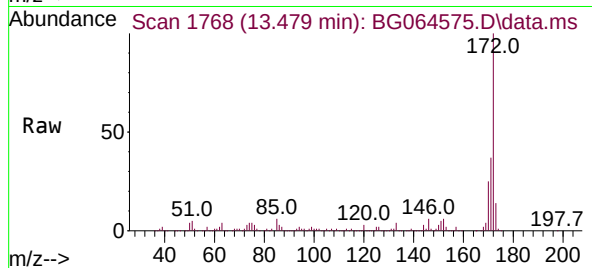
132 23.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 148.960 ng
RT: 13.479 min Scan# 1768
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

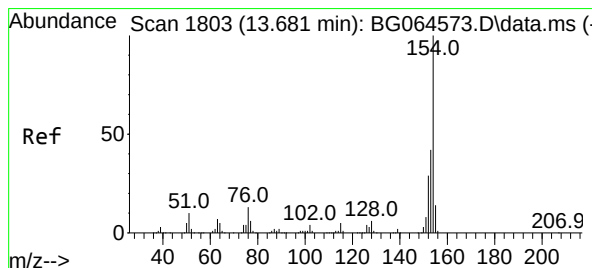
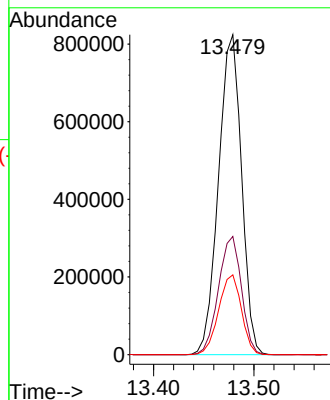
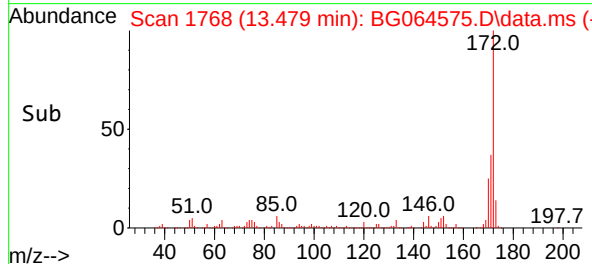
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



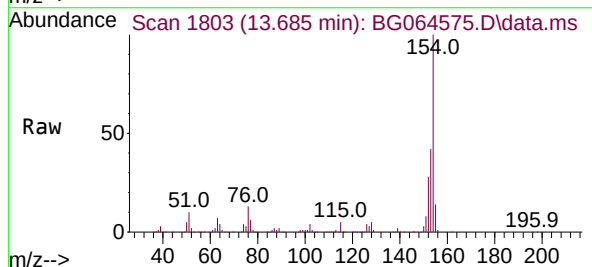
Tgt Ion:172 Resp: 1314892
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.9 19.1 28.7

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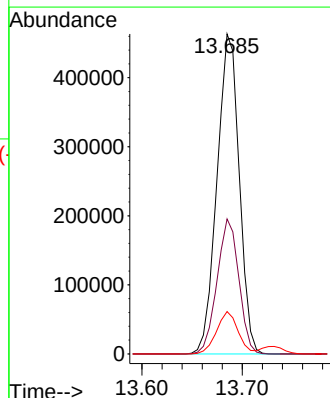
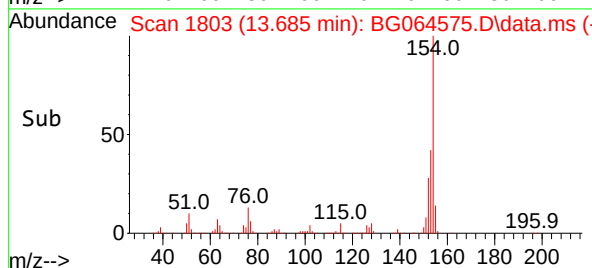
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

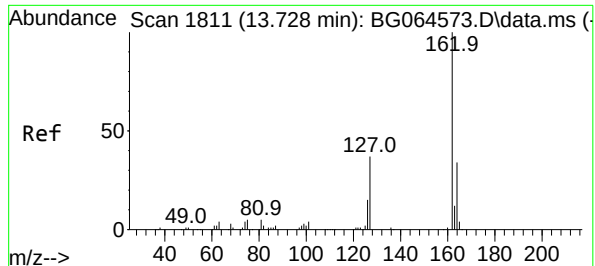


#46
1,1'-Biphenyl
Concen: 74.977 ng
RT: 13.685 min Scan# 1803
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:154 Resp: 713186
Ion Ratio Lower Upper
154 100
153 42.2 22.4 62.4
76 13.2 0.0 33.5





#47

2-Chloronaphthalene

Concen: 76.218 ng

RT: 13.732 min Scan# 1811

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 54724

Ion Ratio Lower Upper

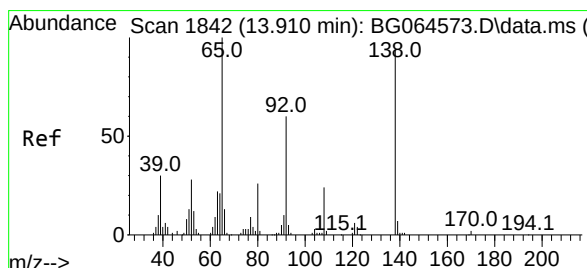
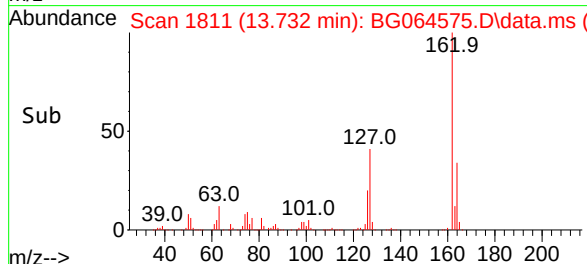
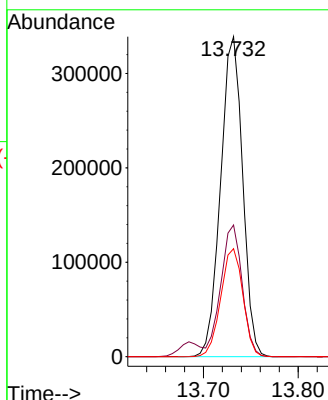
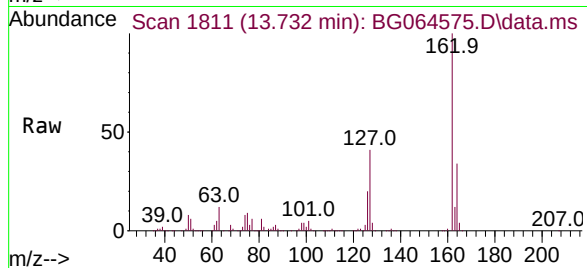
162 100

127 41.1 32.2 48.2

164 33.7 27.5 41.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#48

2-Nitroaniline

Concen: 79.301 ng

RT: 13.914 min Scan# 1842

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

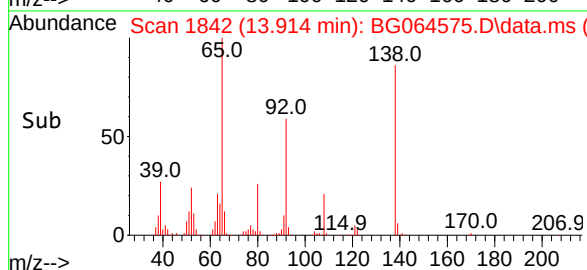
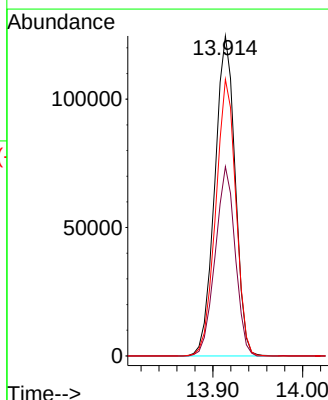
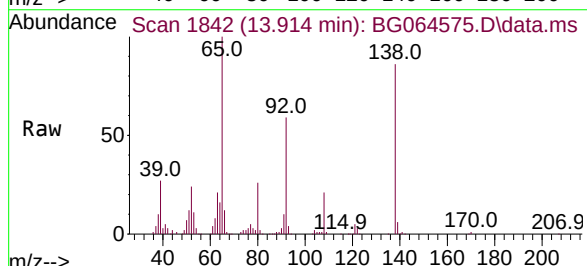
Tgt Ion: 65 Resp: 196580

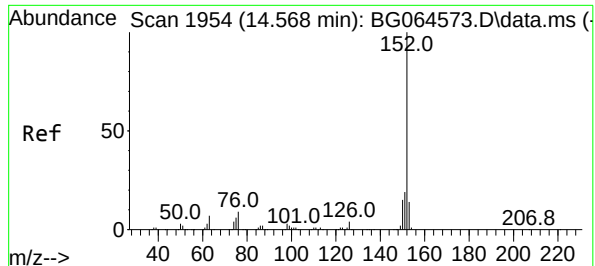
Ion Ratio Lower Upper

65 100

92 59.1 48.3 72.5

138 86.4 74.9 112.3





#49

Acenaphthylene

Concen: 75.806 ng

RT: 14.566 min Scan# 1954

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 85851

Ion Ratio Lower Upper

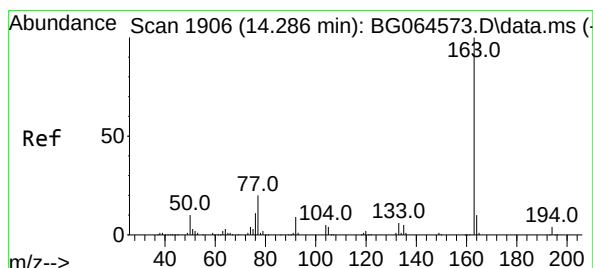
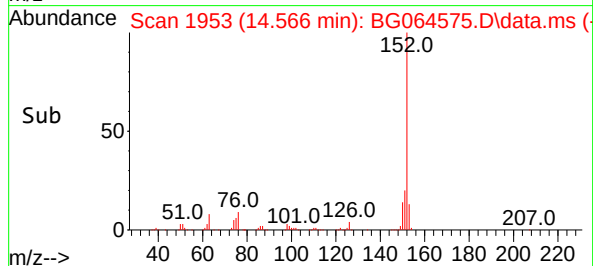
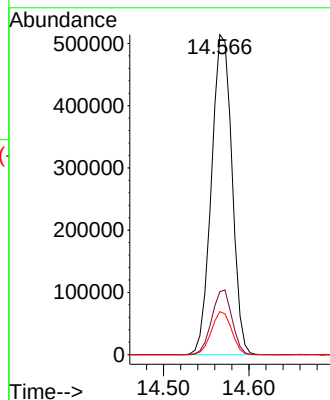
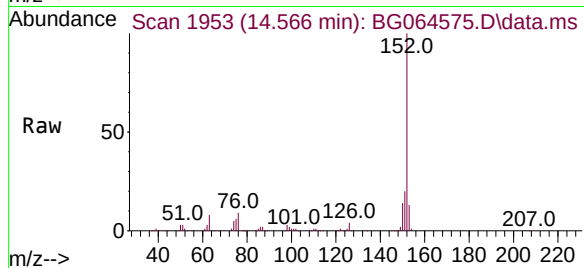
152 100

151 19.7 15.4 23.2

153 13.5 11.0 16.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#50

Dimethylphthalate

Concen: 76.450 ng

RT: 14.290 min Scan# 1906

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

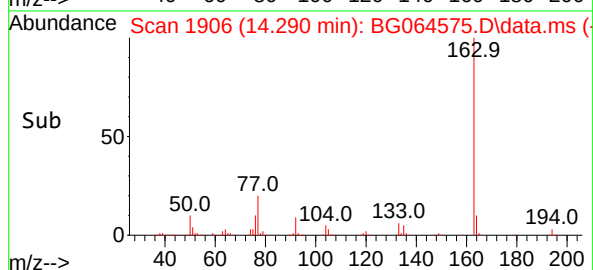
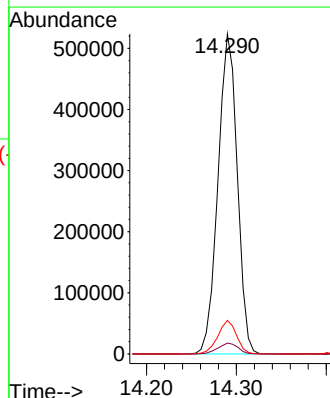
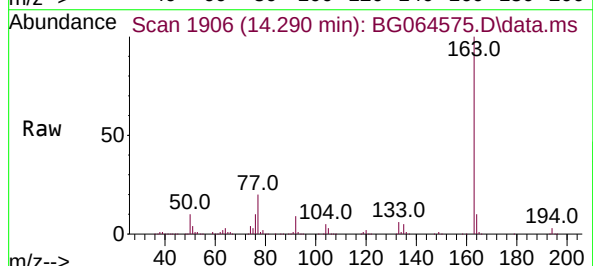
Tgt Ion:163 Resp: 782708

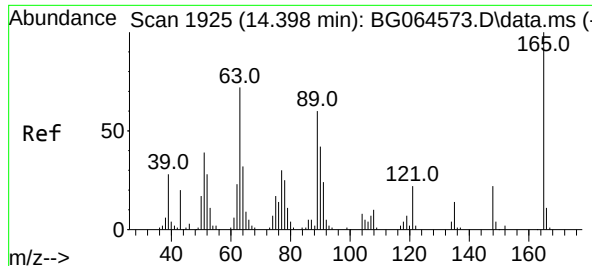
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

164 10.5 7.7 11.5





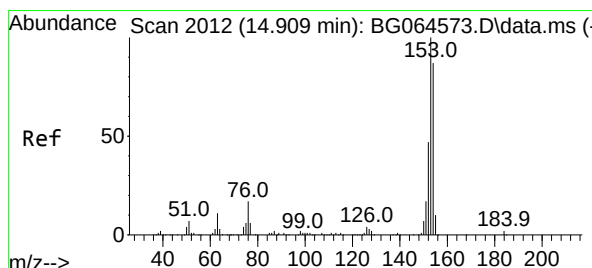
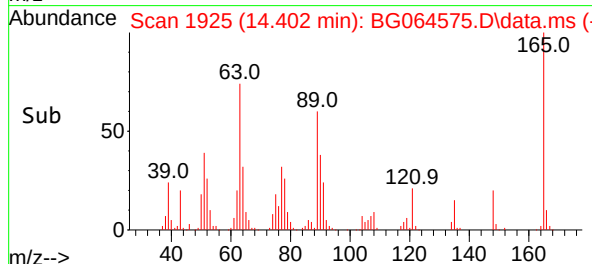
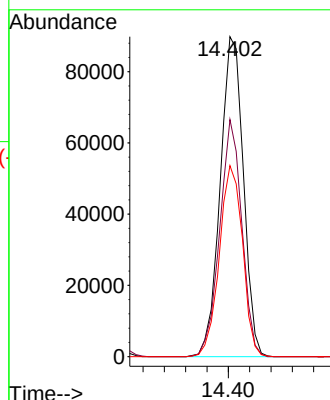
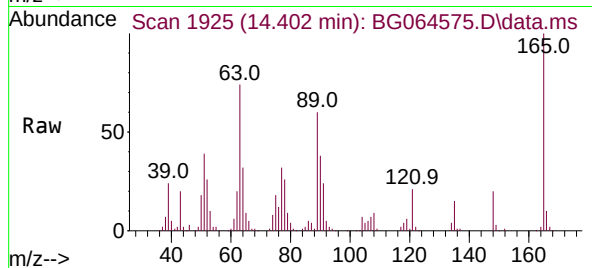
#51
2,6-Dinitrotoluene
Concen: 78.216 ng
RT: 14.402 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 135769
Ion Ratio Lower Upper
165 100
63 74.1 57.4 86.0
89 59.7 47.8 71.8

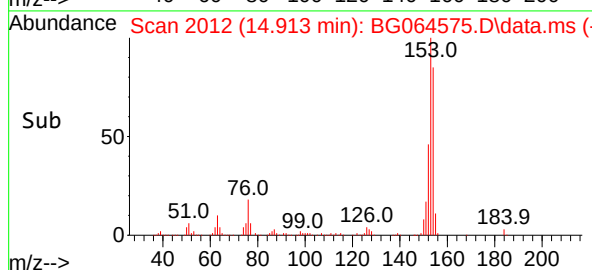
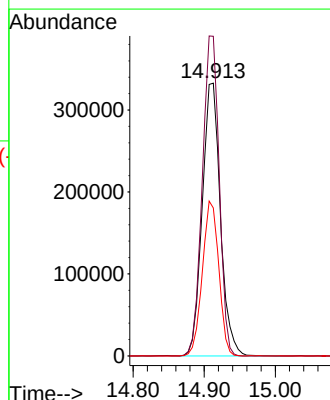
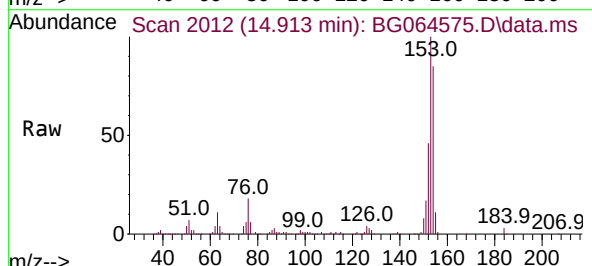
Manual Integrations
APPROVED

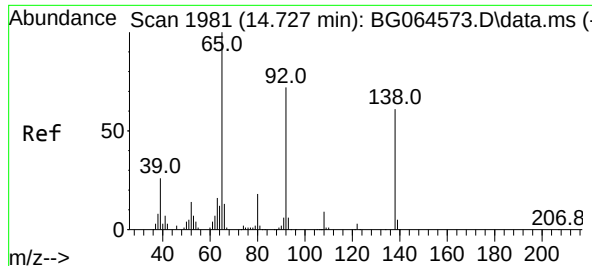
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 76.150 ng
RT: 14.913 min Scan# 2012
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:154 Resp: 589213
Ion Ratio Lower Upper
154 100
153 117.2 92.2 138.4
152 54.2 43.2 64.8





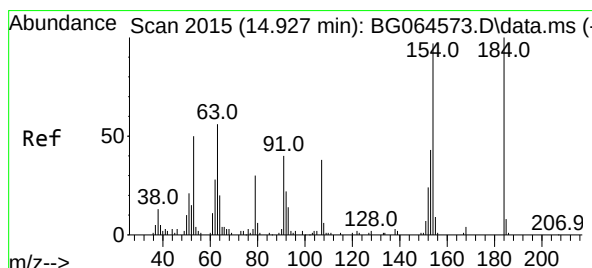
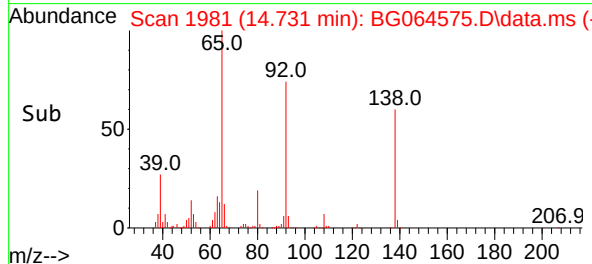
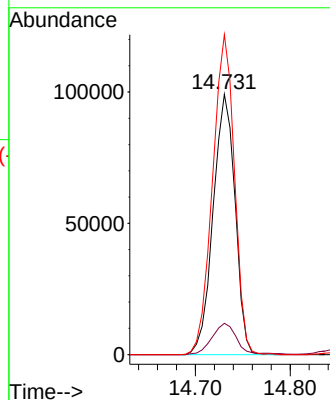
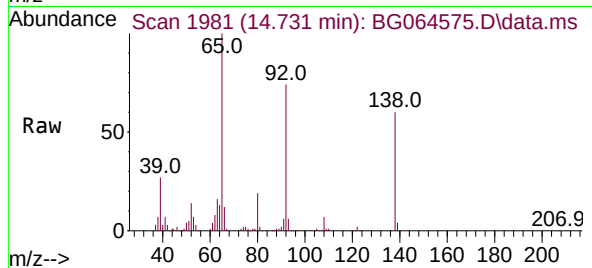
#53
3-Nitroaniline
Concen: 90.409 ng
RT: 14.731 min Scan# 1981
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 159072
Ion Ratio Lower Upper
138 100
108 12.0 11.4 17.0
92 122.9 95.3 142.9

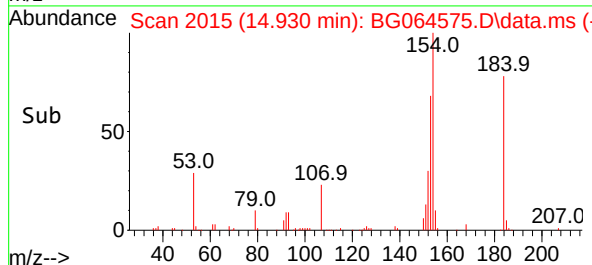
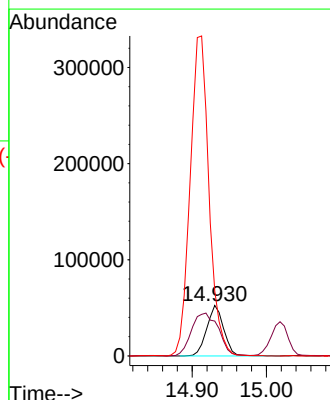
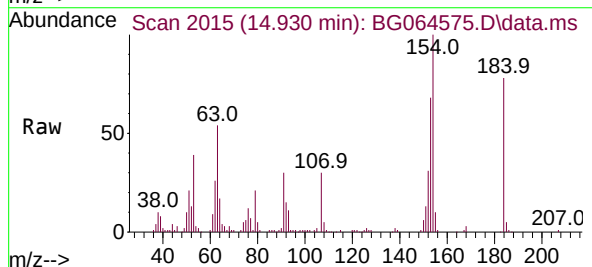
Manual Integrations
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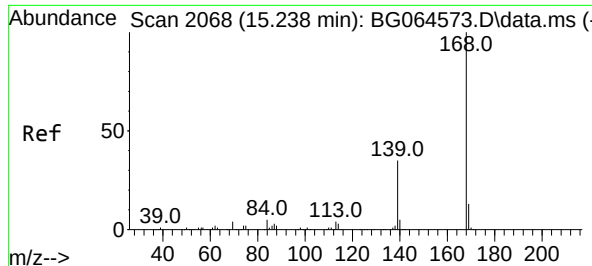
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 79.755 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:184 Resp: 82655
Ion Ratio Lower Upper
184 100
63 69.0 56.6 85.0
154 128.4 158.6 238.0#





#55

Dibenzofuran

Concen: 73.816 ng

RT: 15.242 min Scan# 2068

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 923386

Ion Ratio Lower Upper

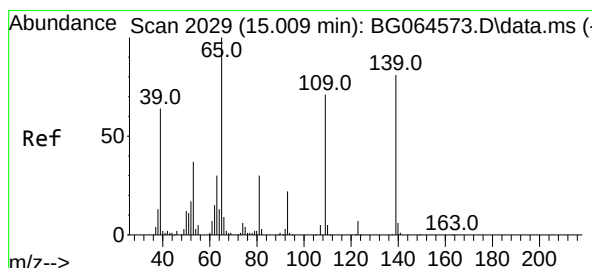
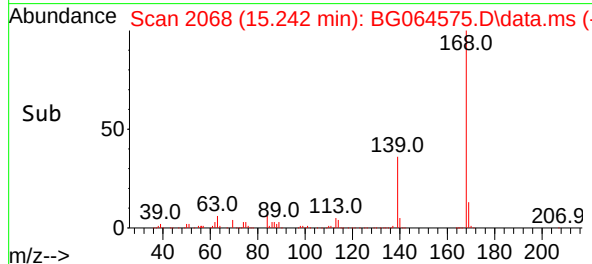
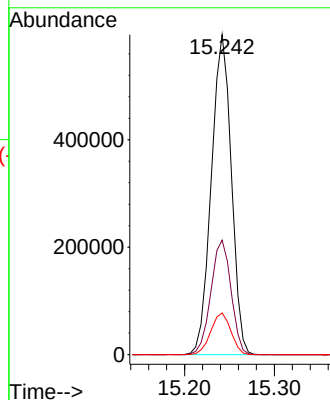
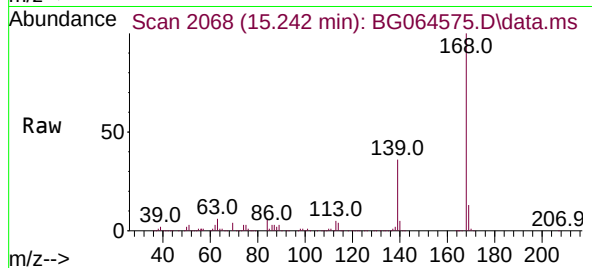
168 100

139 35.8 27.8 41.8

169 13.0 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#56

4-Nitrophenol

Concen: 87.640 ng

RT: 15.018 min Scan# 2030

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

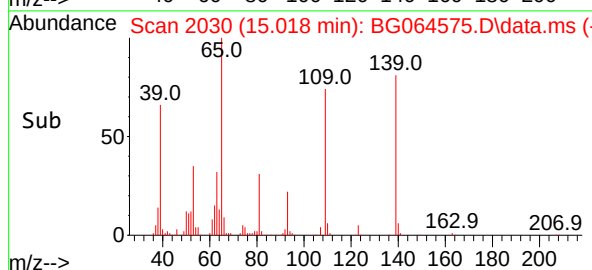
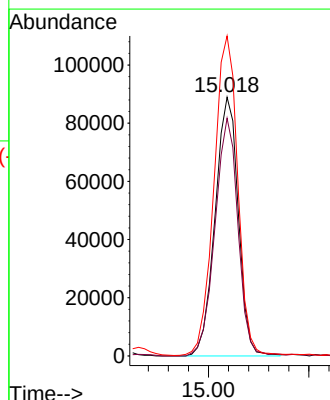
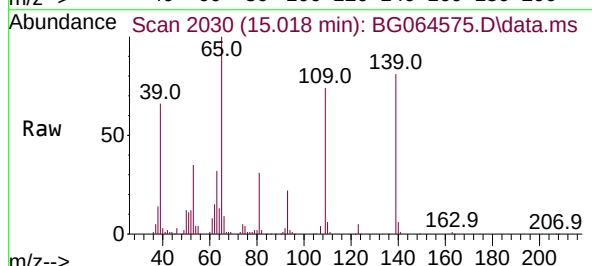
Tgt Ion:139 Resp: 142966

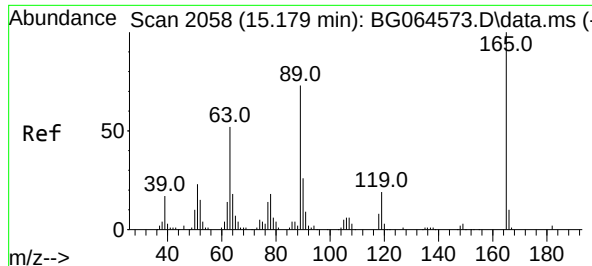
Ion Ratio Lower Upper

139 100

109 91.9 67.8 107.8

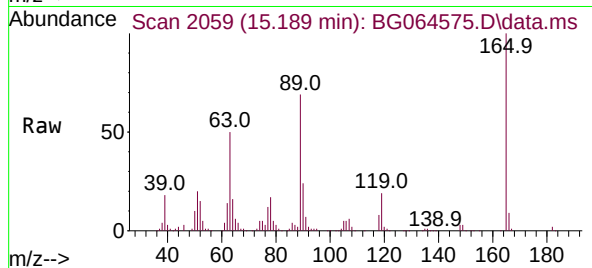
65 123.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 79.117 ng
RT: 15.189 min Scan# 2058
Delta R.T. 0.010 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

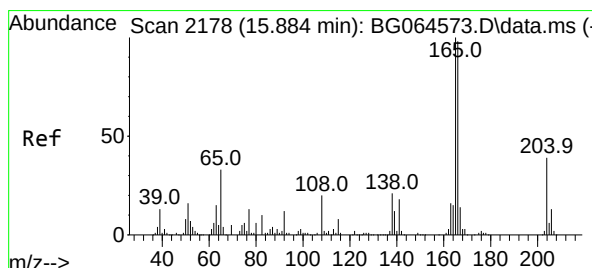
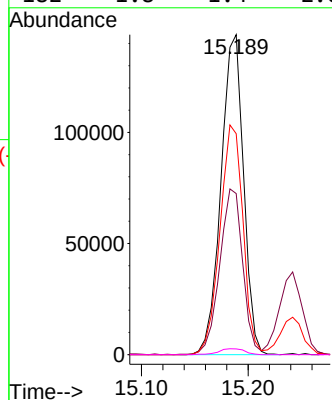
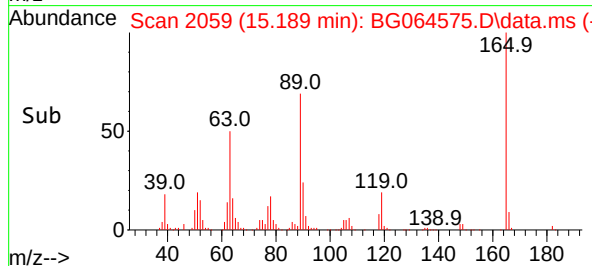
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 212164
Ion Ratio Lower Upper
165 100
63 50.3 41.8 62.8
89 69.0 58.1 87.1
182 1.8 1.4 2.0

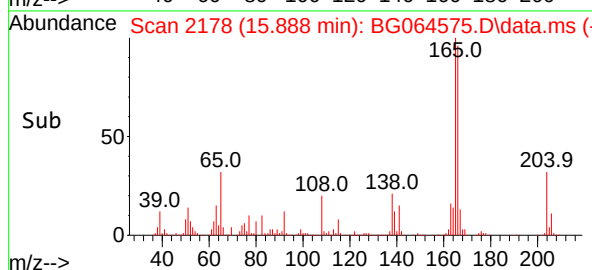
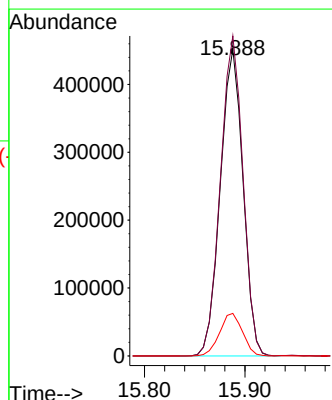
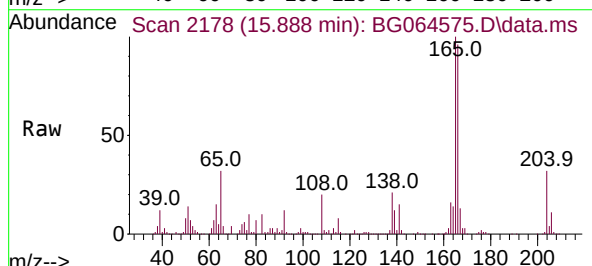
Manual Integrations
APPROVED

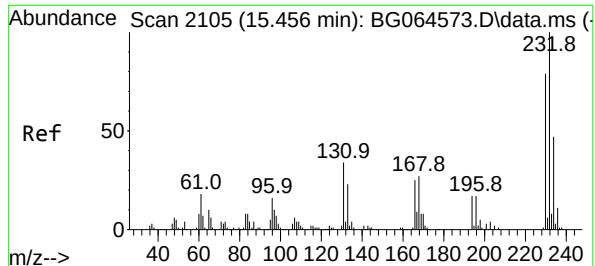
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 72.801 ng
RT: 15.888 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

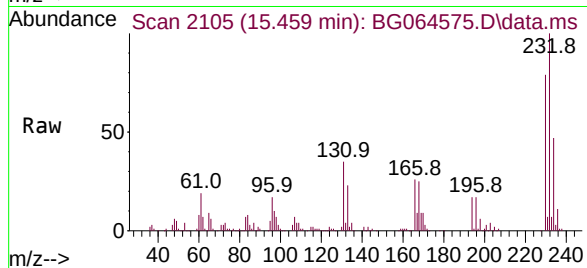
Tgt Ion:166 Resp: 711212
Ion Ratio Lower Upper
166 100
165 104.4 81.5 122.3
167 13.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 84.708 ng
RT: 15.459 min Scan# 2105
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

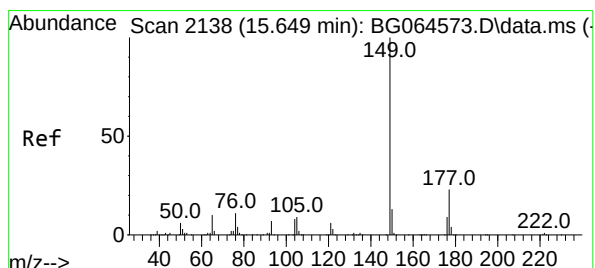
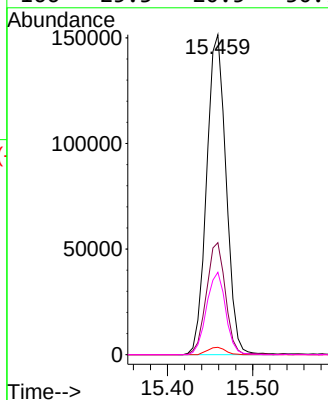
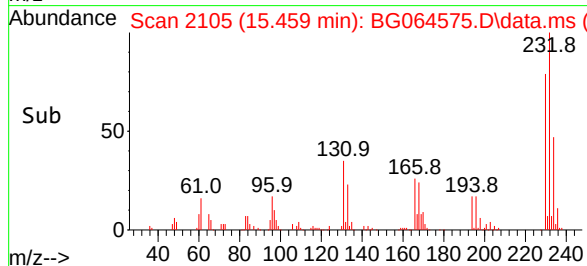
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



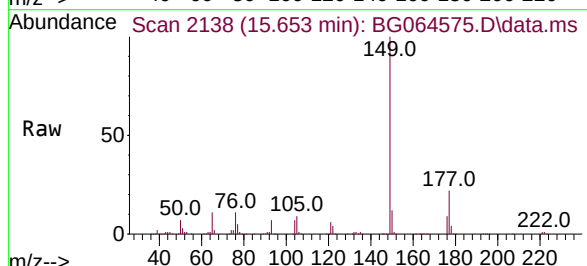
Tgt Ion:232 Resp: 240094
Ion Ratio Lower Upper
232 100
131 34.1 26.7 40.1
130 2.1 1.6 2.4
166 25.3 20.5 30.7

Manual Integrations
APPROVED

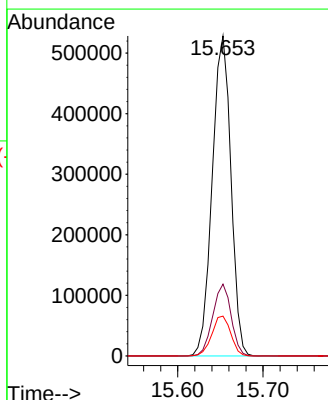
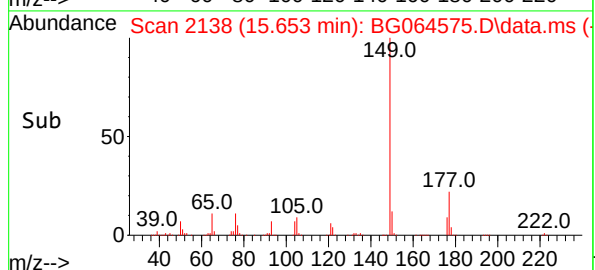
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

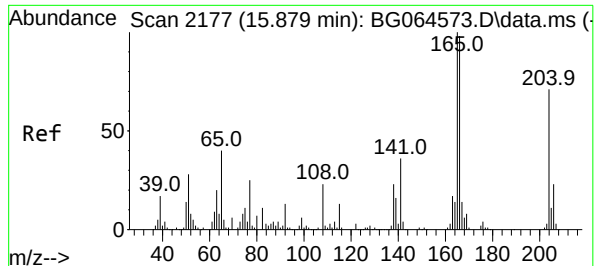


#60
Diethylphthalate
Concen: 76.874 ng
RT: 15.653 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



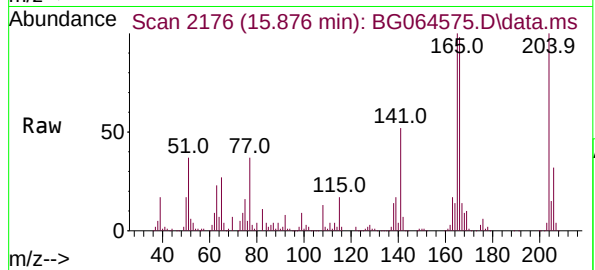
Tgt Ion:149 Resp: 803621
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 74.463 ng
RT: 15.876 min Scan# 2176
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

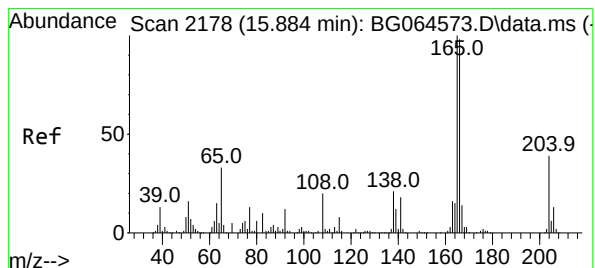
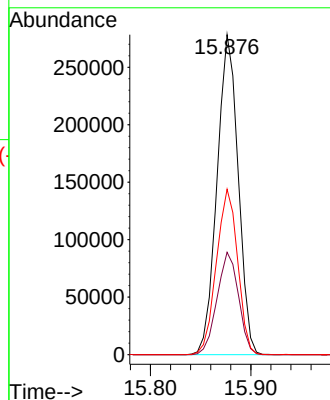
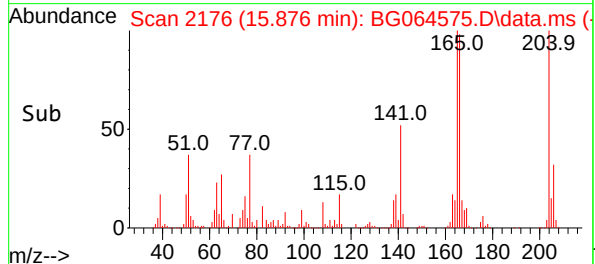
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



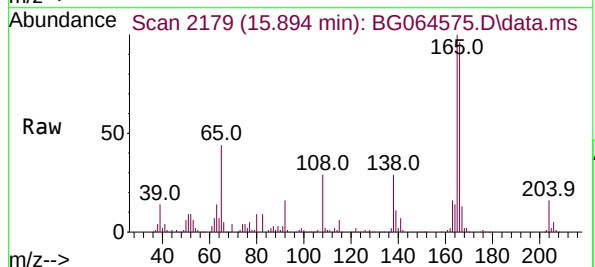
Tgt Ion:204 Resp: 408239
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.7 40.6 60.8

Manual Integrations
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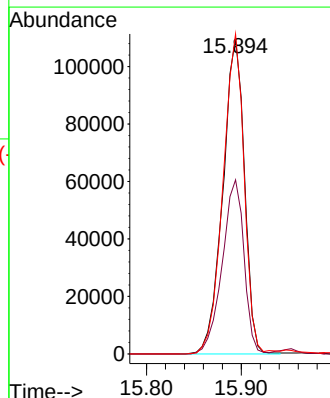
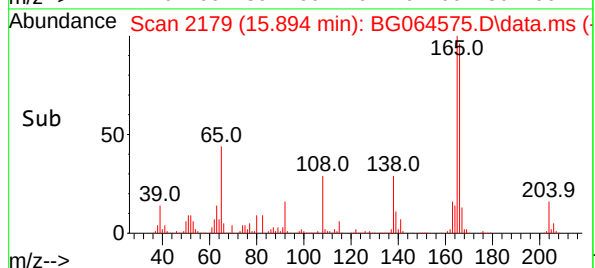
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

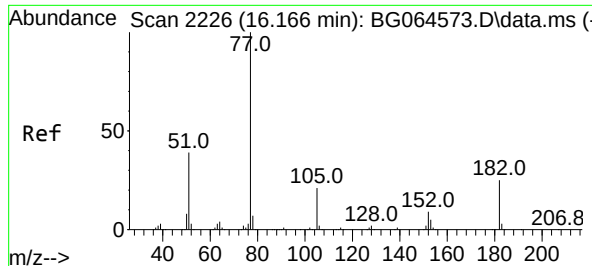


#62
4-Nitroaniline
Concen: 88.462 ng
RT: 15.894 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



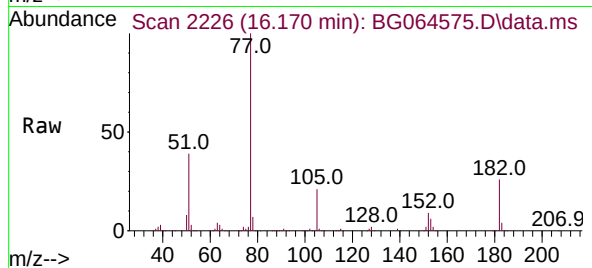
Tgt Ion:138 Resp: 173159
Ion Ratio Lower Upper
138 100
92 55.1 36.1 76.1
108 101.4 75.6 115.6





#63
Azobenzene
Concen: 75.482 ng
RT: 16.170 min Scan# 2226
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

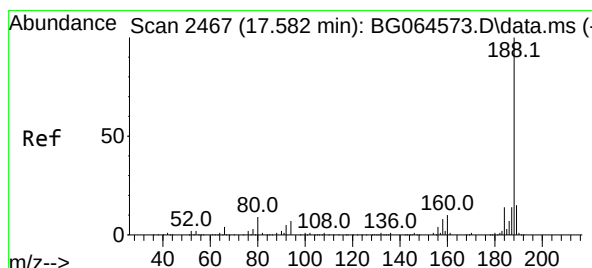
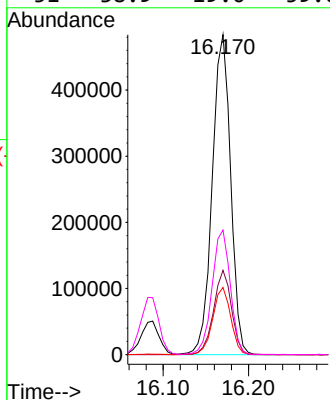
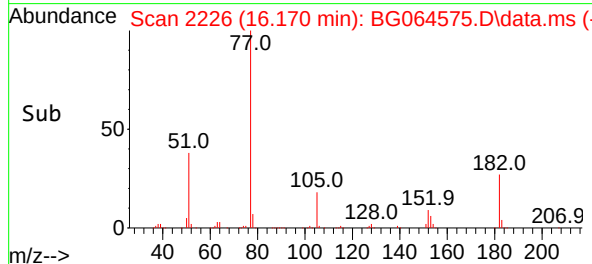
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 723988
Ion Ratio Lower Upper
77 100
182 26.3 4.9 44.9
105 21.0 1.3 41.3
51 38.9 19.0 59.0

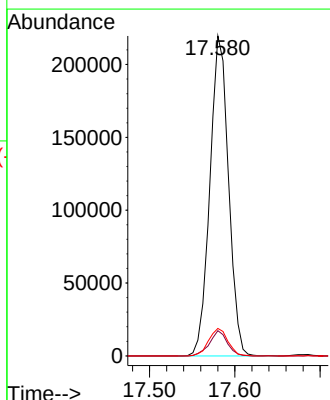
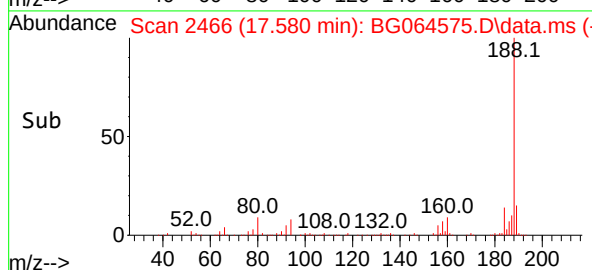
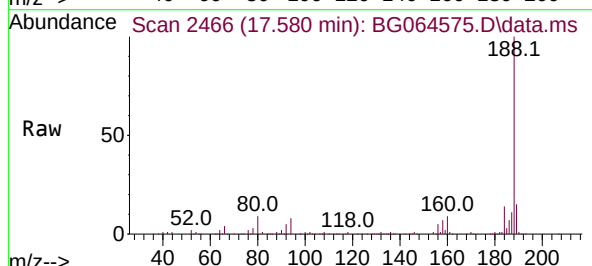
Manual Integrations
APPROVED

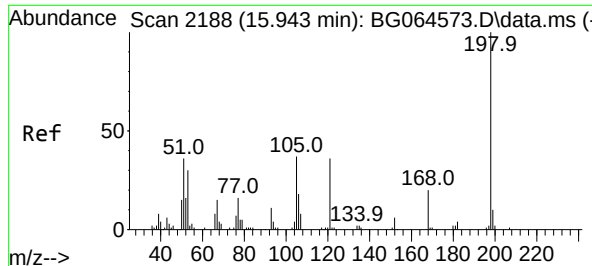
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

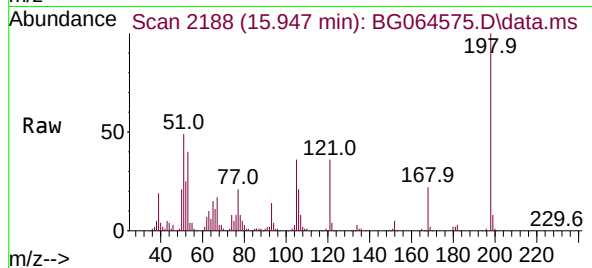
Tgt Ion:188 Resp: 333421
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 80.450 ng
RT: 15.947 min Scan# 2188
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

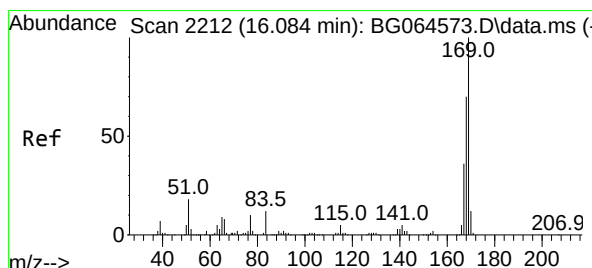
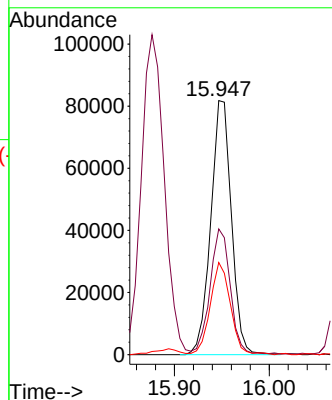
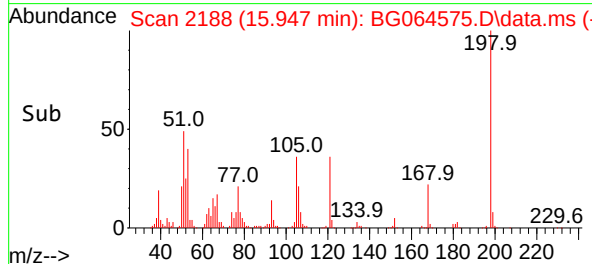
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



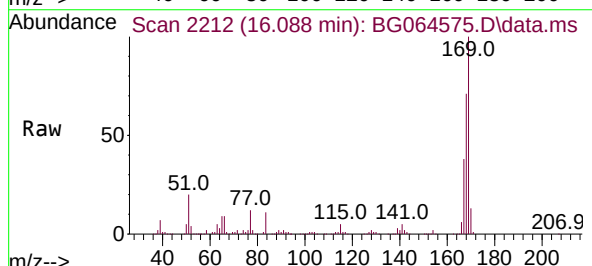
Tgt Ion:198 Resp: 12410
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 36.3 18.0 58.0

Manual Integrations
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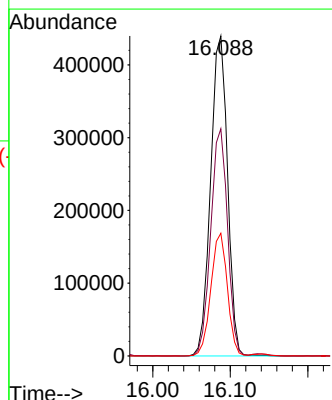
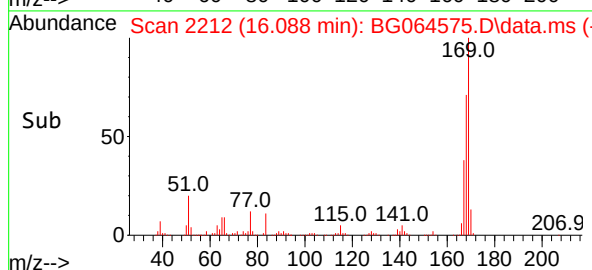
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

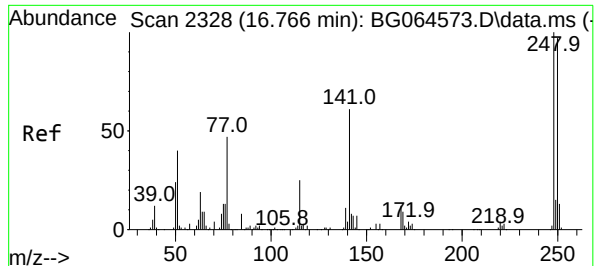


#66
n-Nitrosodiphenylamine
Concen: 74.020 ng
RT: 16.088 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



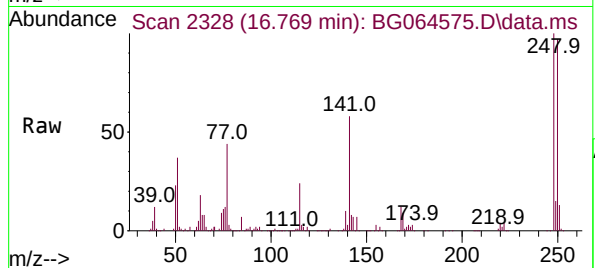
Tgt Ion:169 Resp: 666665
Ion Ratio Lower Upper
169 100
168 71.0 56.3 84.5
167 38.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 75.762 ng
RT: 16.769 min Scan# 2328
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

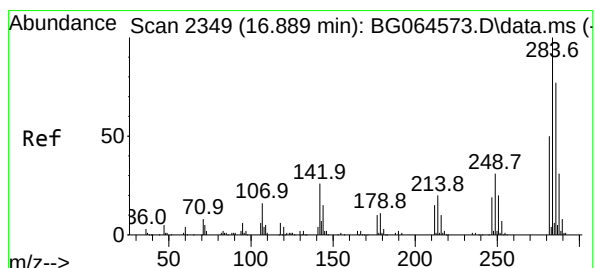
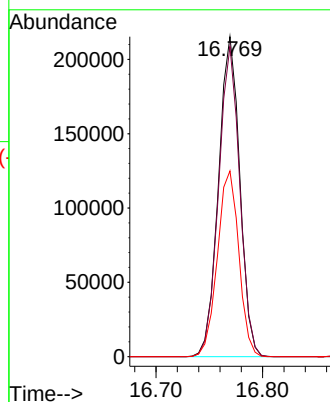
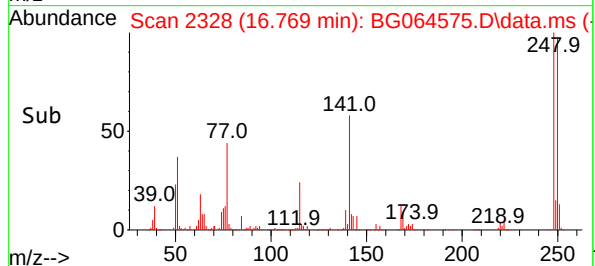
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



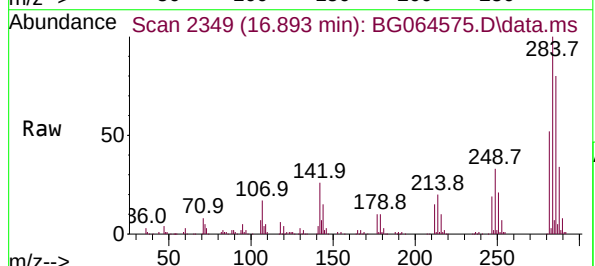
Tgt Ion:248 Resp: 299348
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 58.0 48.6 72.8

Manual Integrations
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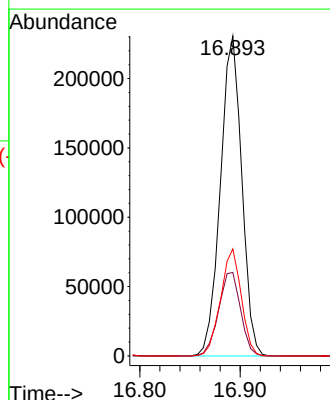
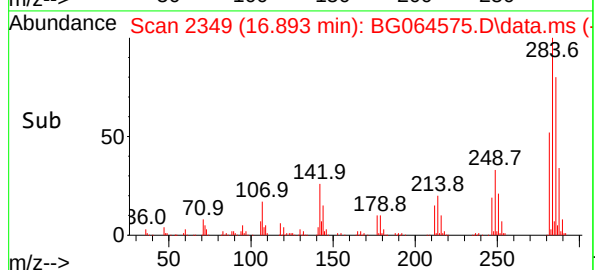
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

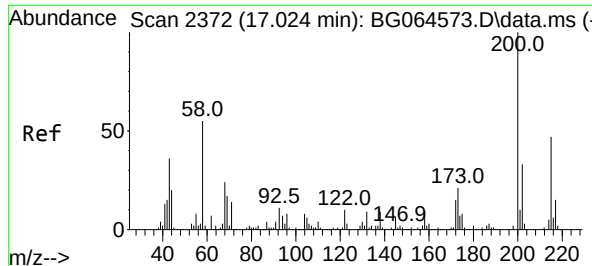


#68
Hexachlorobenzene
Concen: 75.724 ng
RT: 16.893 min Scan# 2349
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:284 Resp: 341338
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.6
249 35.4 24.9 37.3





#69

Atrazine

Concen: 72.745 ng

RT: 17.028 min Scan# 2372

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 281950

Ion Ratio Lower Upper

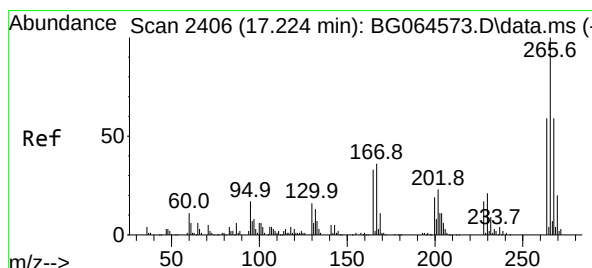
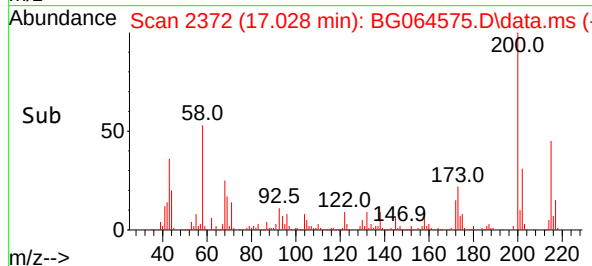
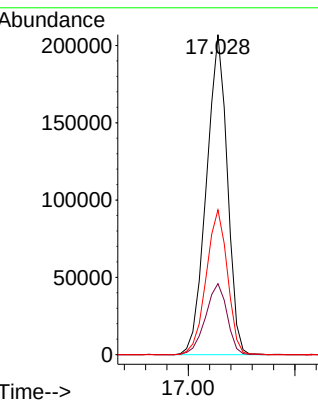
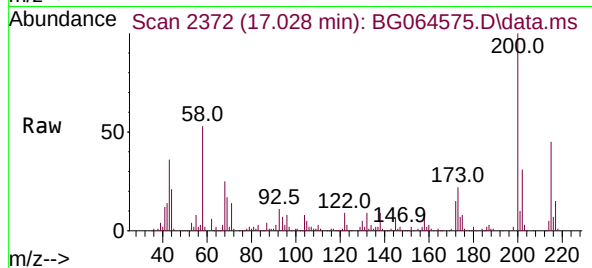
200 100

173 22.2 0.9 40.9

215 45.2 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#70

Pentachlorophenol

Concen: 83.771 ng

RT: 17.228 min Scan# 2406

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

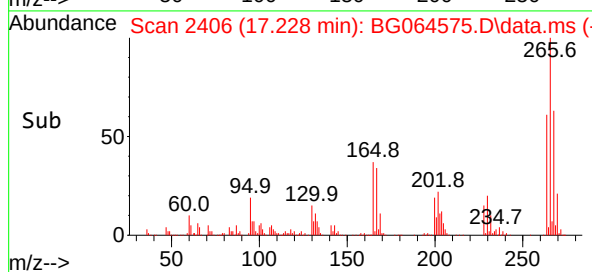
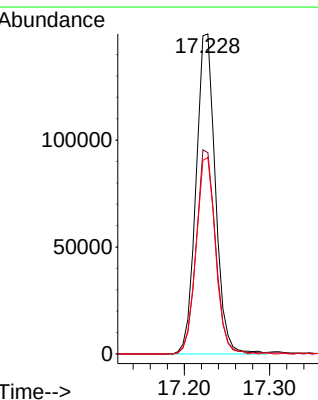
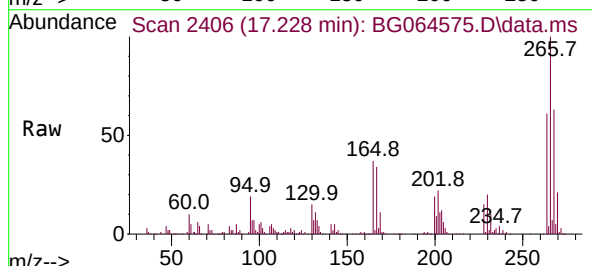
Tgt Ion:266 Resp: 235472

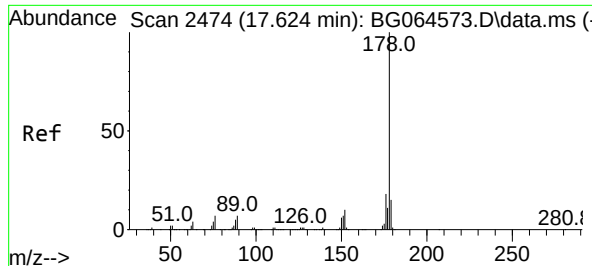
Ion Ratio Lower Upper

266 100

268 67.7 50.3 75.5

264 65.8 47.3 70.9





#71

Phenanthrene

Concen: 73.525 ng

RT: 17.627 min Scan# 2474

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 1340610

Ion Ratio Lower Upper

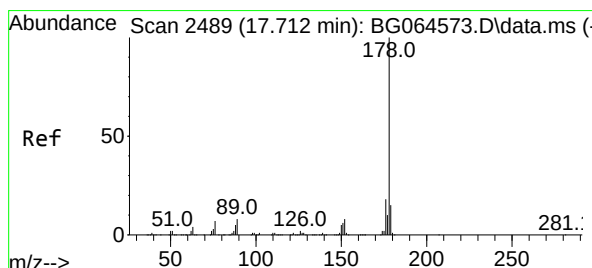
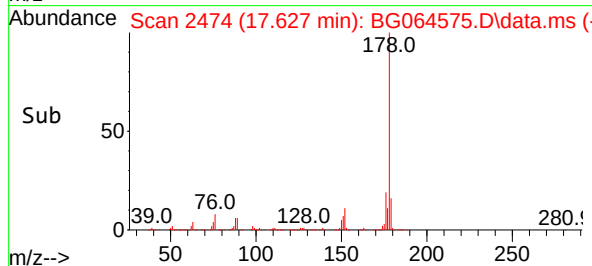
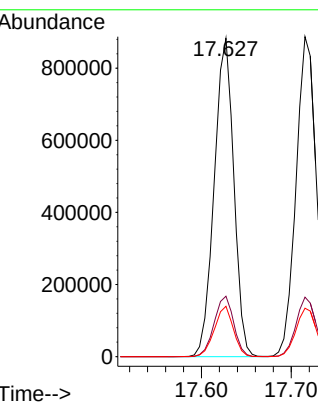
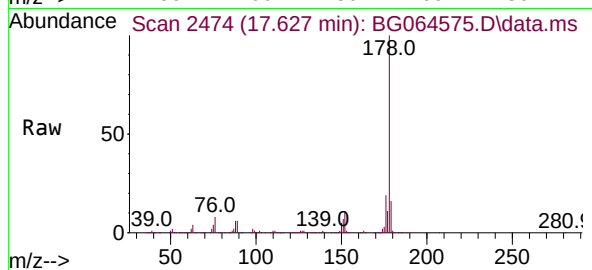
178 100

176 19.0 14.7 22.1

179 15.8 12.2 18.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#72

Anthracene

Concen: 73.704 ng

RT: 17.715 min Scan# 2489

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

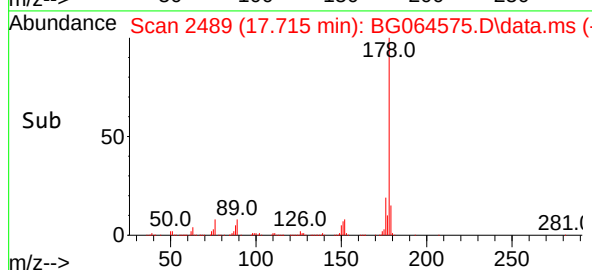
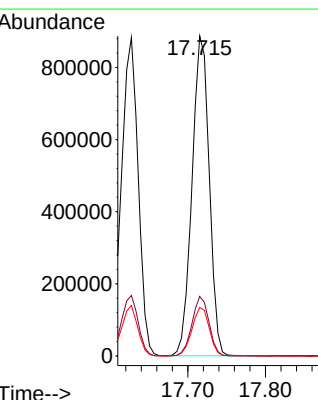
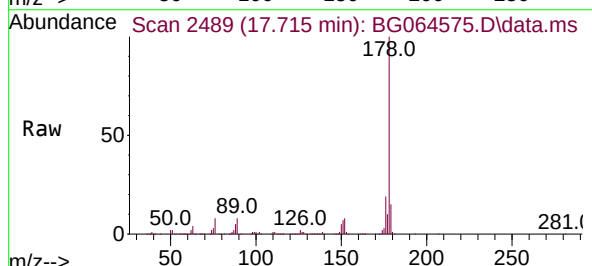
Tgt Ion:178 Resp: 1367044

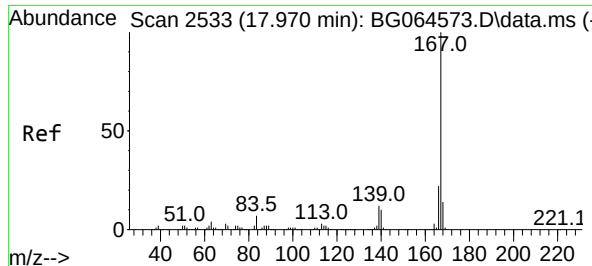
Ion Ratio Lower Upper

178 100

176 18.6 14.4 21.6

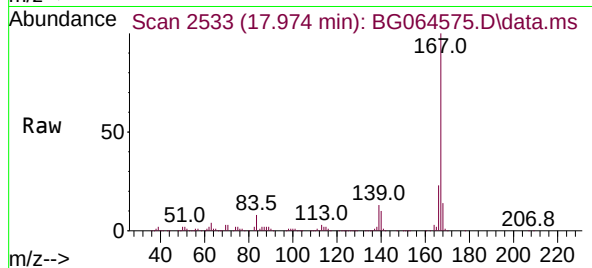
179 15.1 12.4 18.6





#73
Carbazole
Concen: 73.122 ng
RT: 17.974 min Scan# 2533
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

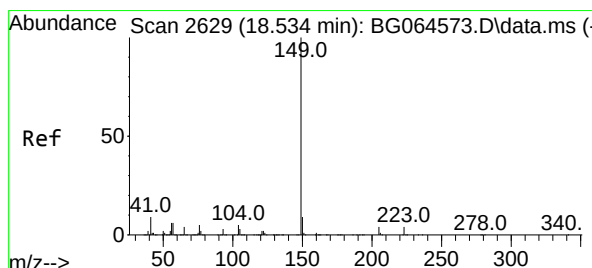
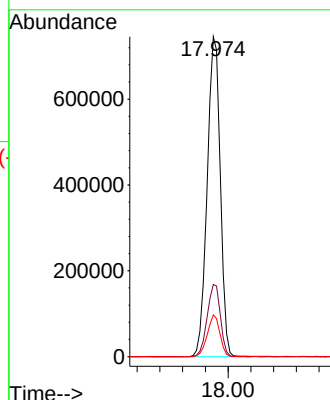
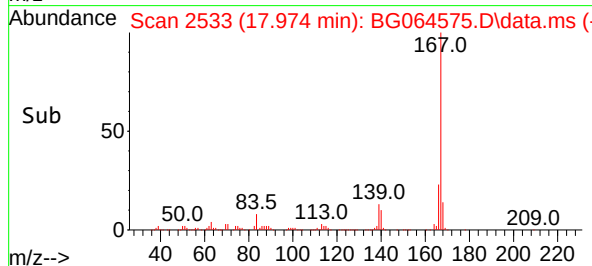
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 1195960
Ion Ratio Lower Upper
167 100
166 22.5 17.9 26.9
139 13.0 9.7 14.5

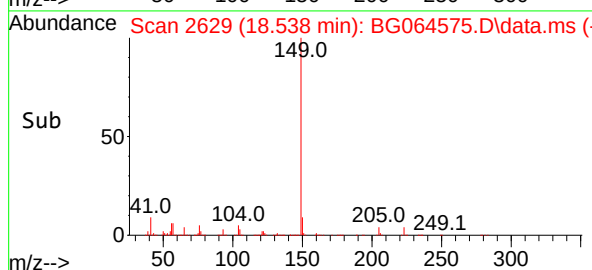
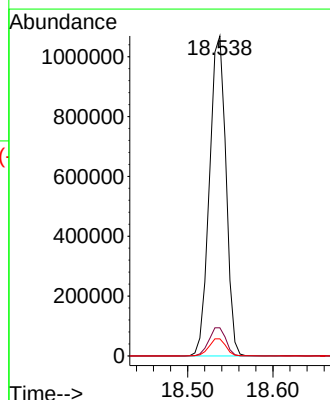
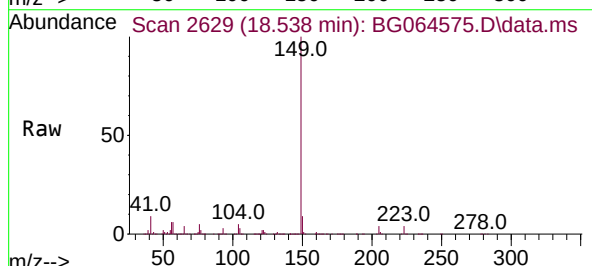
Manual Integrations
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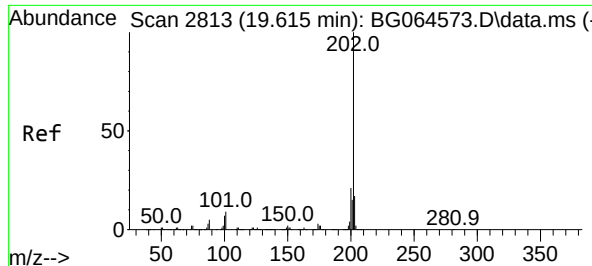
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 75.790 ng
RT: 18.538 min Scan# 2629
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

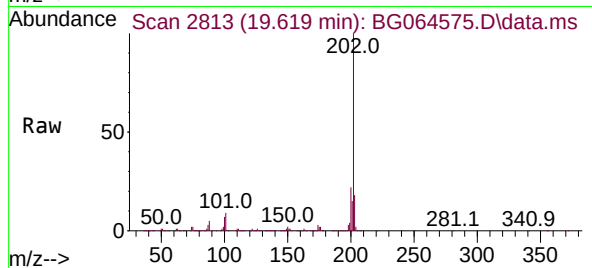
Tgt Ion:149 Resp: 1433446
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 72.835 ng
RT: 19.619 min Scan# 2813
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

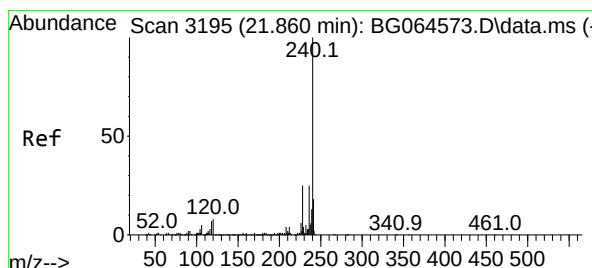
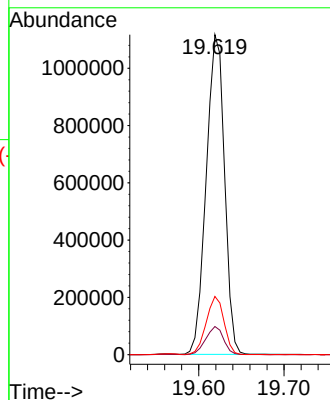
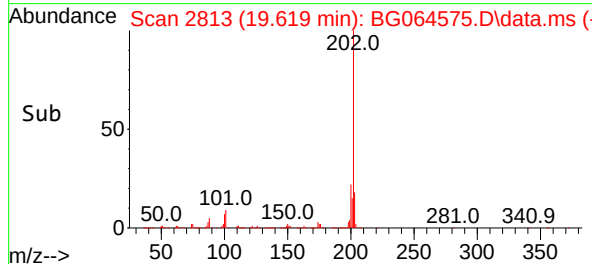
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1663673
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 18.2 0.0 37.0

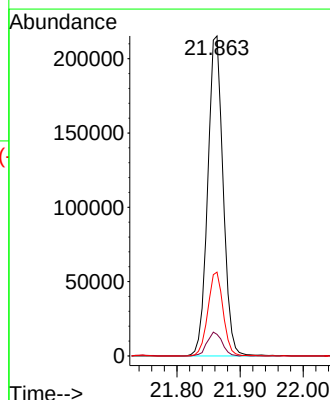
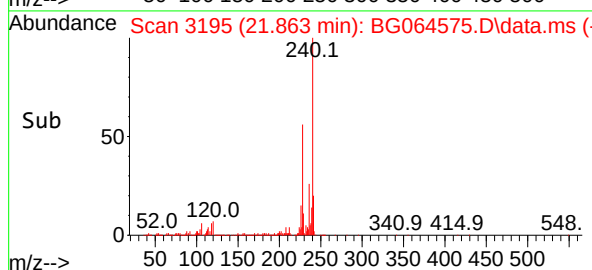
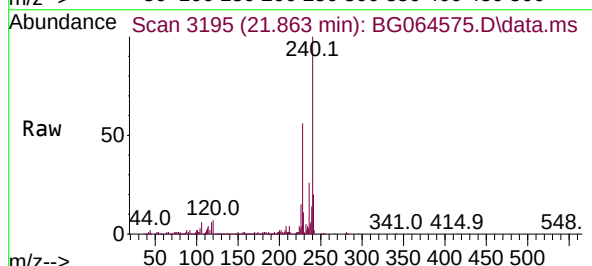
Manual Integrations
APPROVED

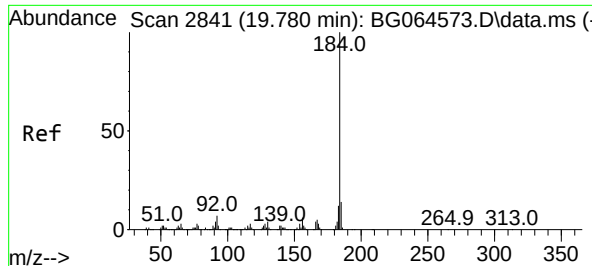
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3195
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

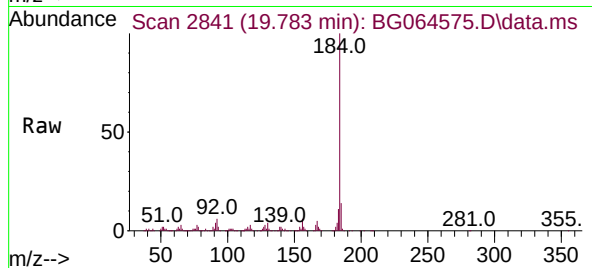
Tgt Ion:240 Resp: 363291
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 26.2 20.2 30.2





#77
Benzidine
Concen: 68.376 ng
RT: 19.783 min Scan# 2841
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

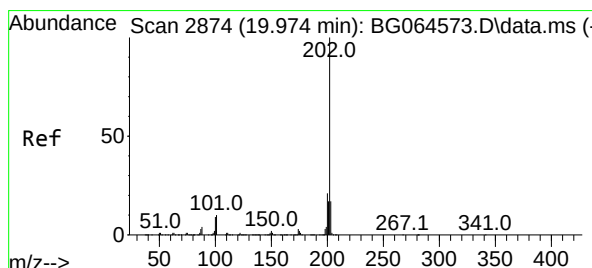
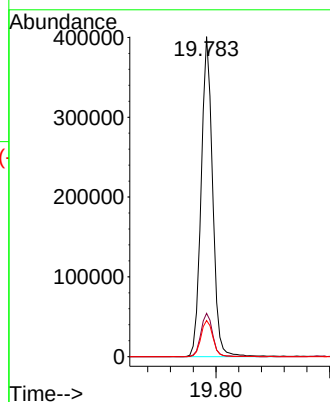
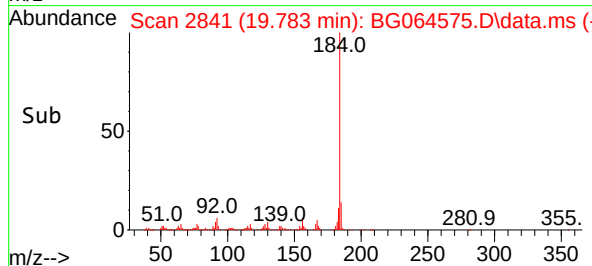
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 556525
Ion Ratio Lower Upper
184 100
185 13.5 11.4 17.2
183 11.3 9.4 14.2

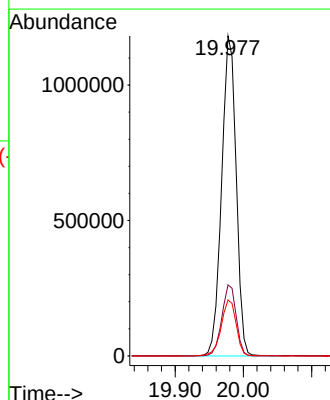
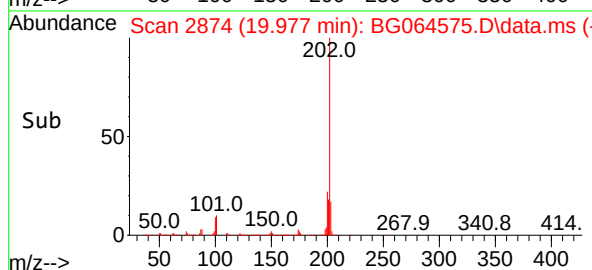
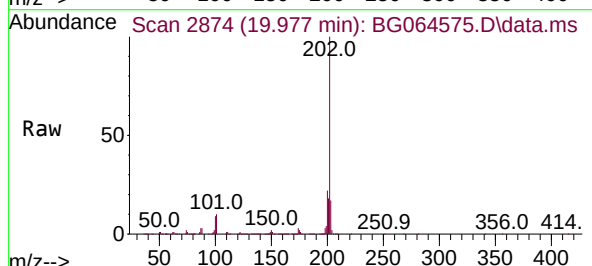
Manual Integrations
APPROVED

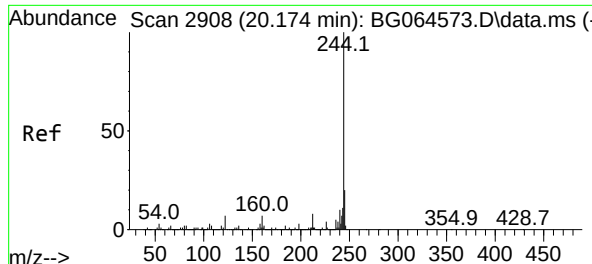
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 73.215 ng
RT: 19.977 min Scan# 2874
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

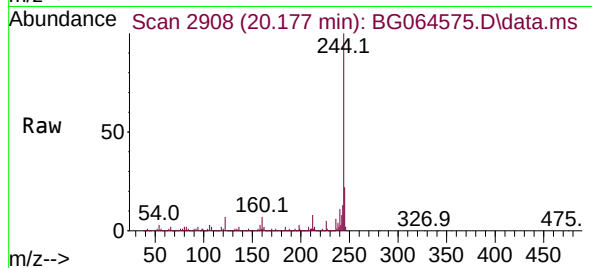
Tgt Ion:202 Resp: 1737788
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 17.5 13.8 20.6





#79
Terphenyl-d14
Concen: 140.125 ng
RT: 20.177 min Scan# 2908
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

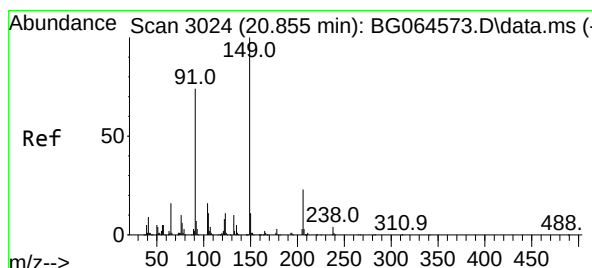
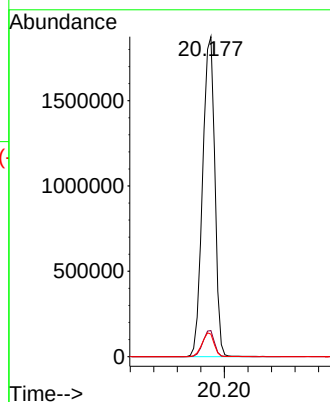
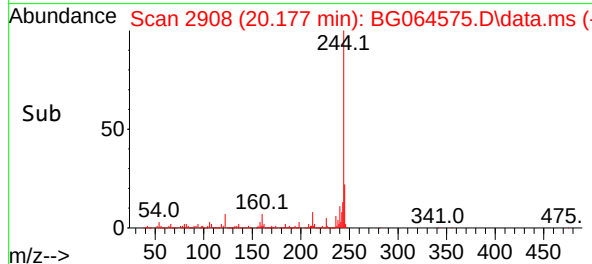
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



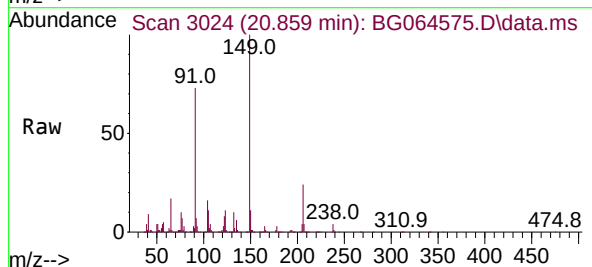
Tgt Ion:244 Resp: 2697491
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 7.0 5.6 8.4

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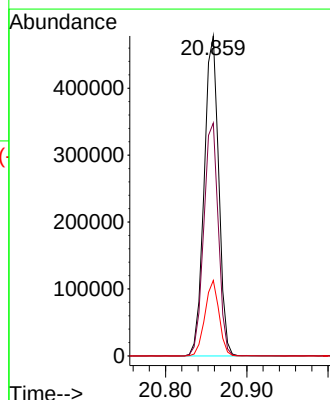
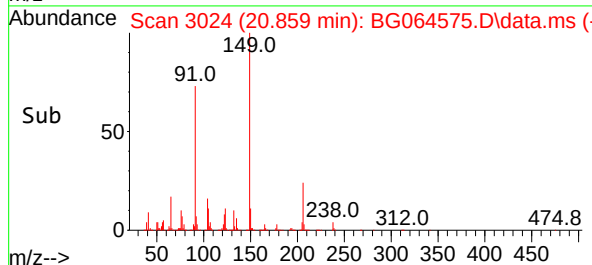
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

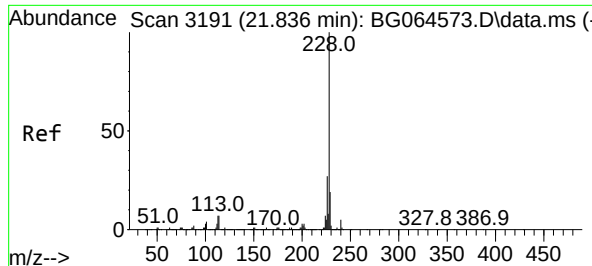


#80
Butylbenzylphthalate
Concen: 82.988 ng
RT: 20.859 min Scan# 3024
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



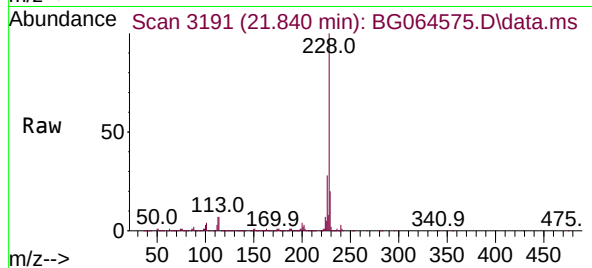
Tgt Ion:149 Resp: 595333
Ion Ratio Lower Upper
149 100
91 72.8 59.2 88.8
206 23.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 74.959 ng
RT: 21.840 min Scan# 3191
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

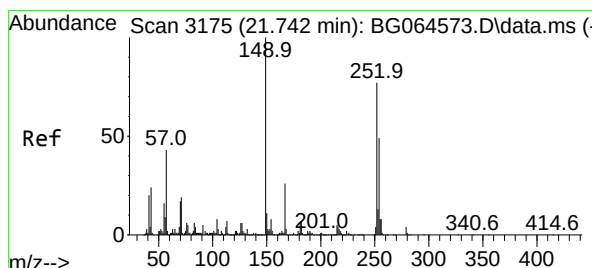
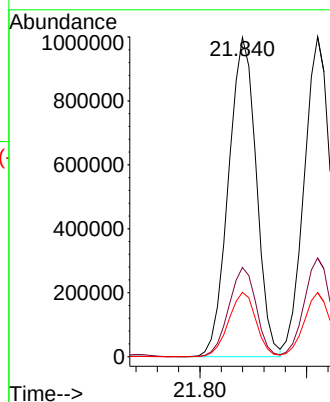
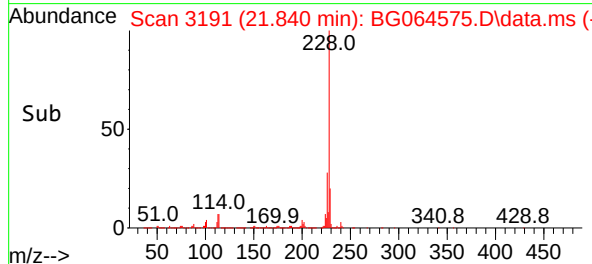
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1805628
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 20.1 15.6 23.4

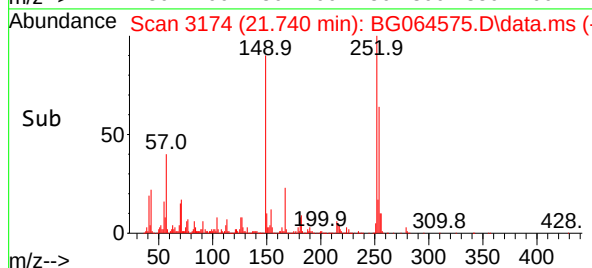
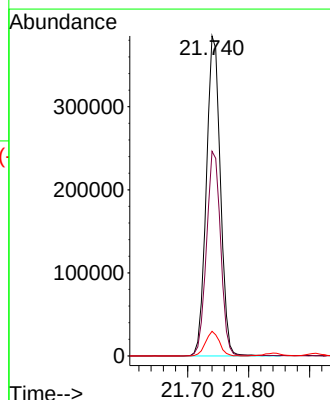
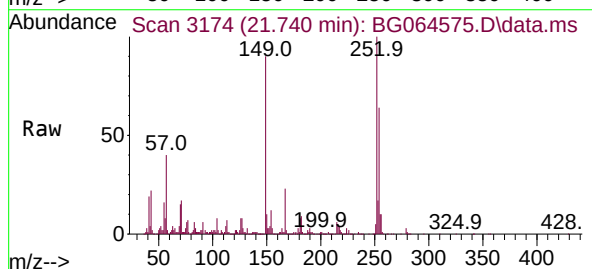
Manual Integrations
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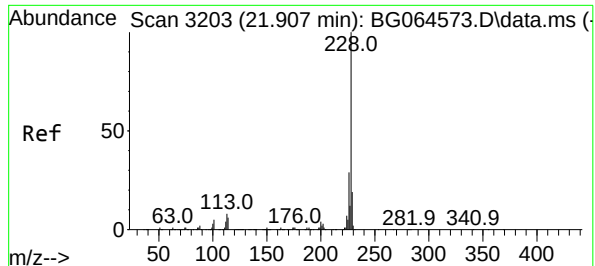
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.524 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

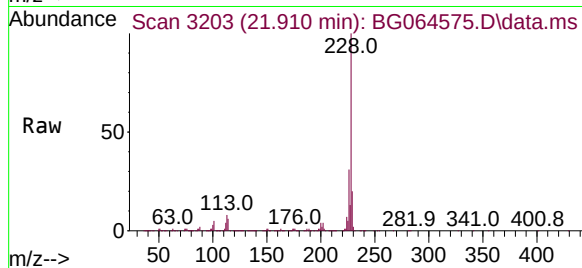
Tgt Ion:252 Resp: 615546
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 7.7 5.8 8.6





#83
Chrysene
Concen: 74.368 ng
RT: 21.910 min Scan# 3176
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

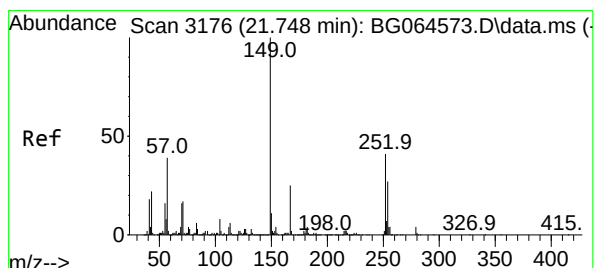
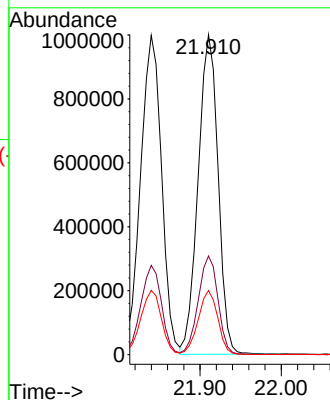
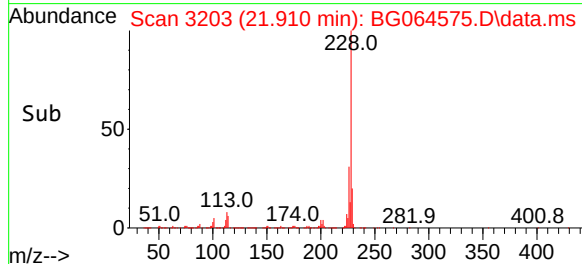
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1704533
Ion Ratio Lower Upper
228 100
226 30.8 23.3 34.9
229 20.0 15.2 22.8

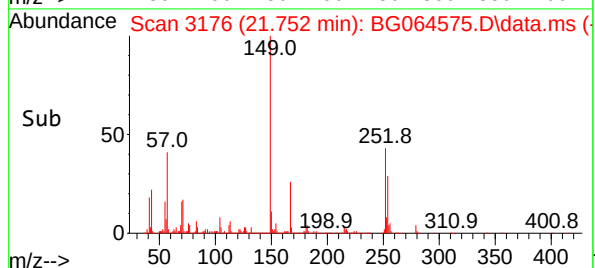
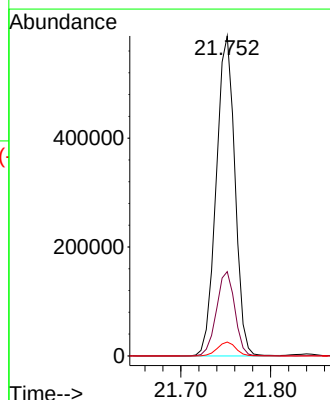
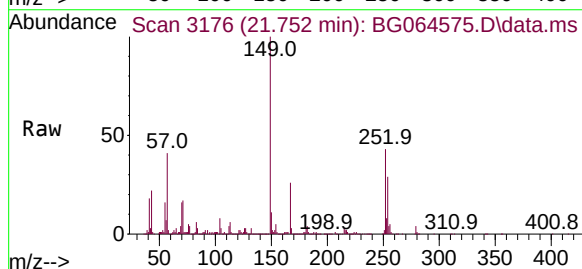
Manual Integrations
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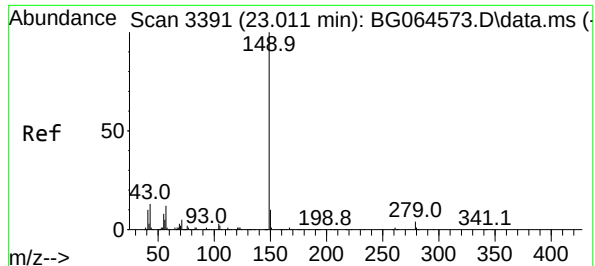
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 79.672 ng
RT: 21.752 min Scan# 3176
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

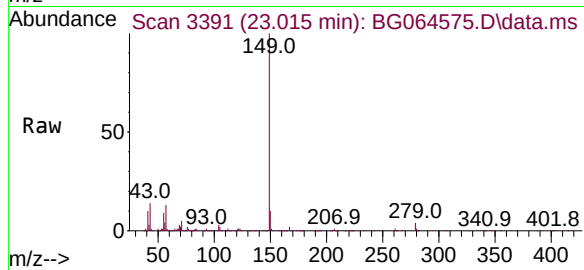
Tgt Ion:149 Resp: 854027
Ion Ratio Lower Upper
149 100
167 26.3 20.0 30.0
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 79.289 ng
RT: 23.015 min Scan# 3391
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

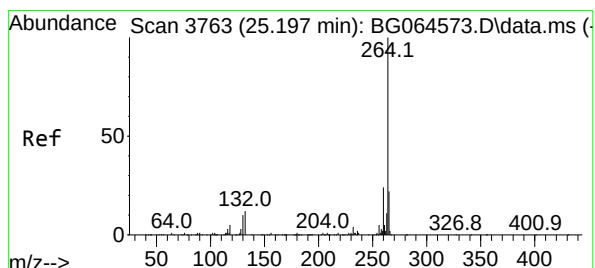
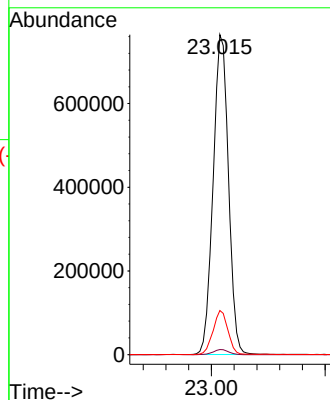
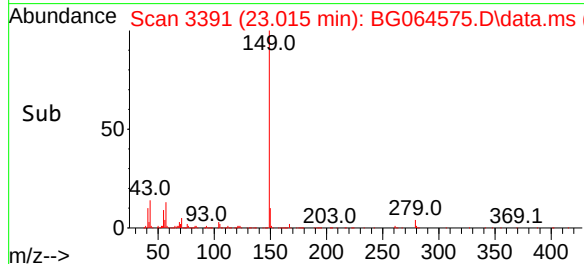
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1432956
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

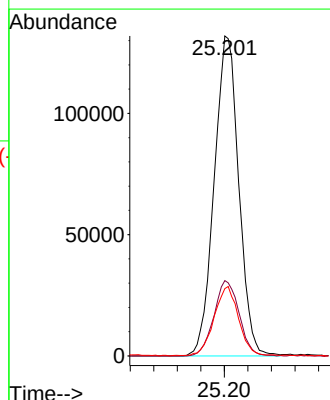
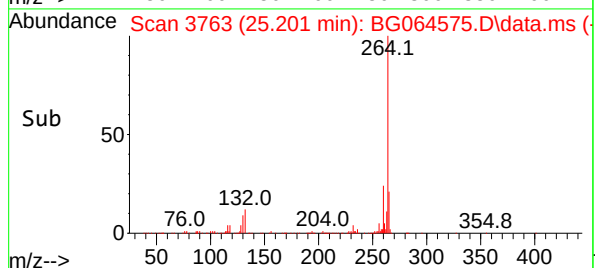
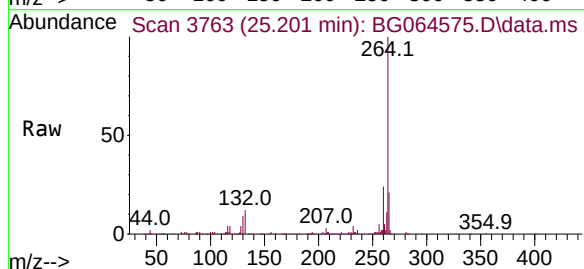
Manual Integrations
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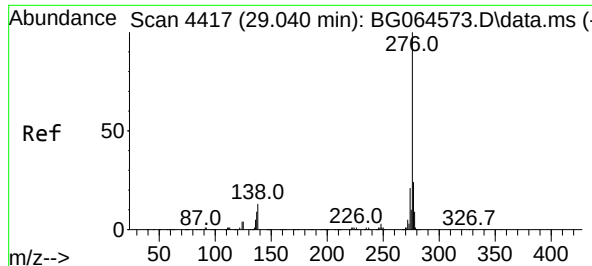
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.201 min Scan# 3763
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

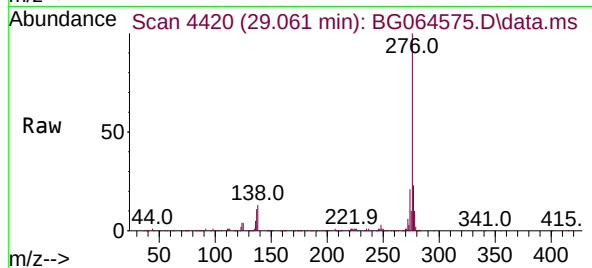
Tgt Ion:264 Resp: 382372
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 76.663 ng
RT: 29.061 min Scan# 4417
Delta R.T. 0.021 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

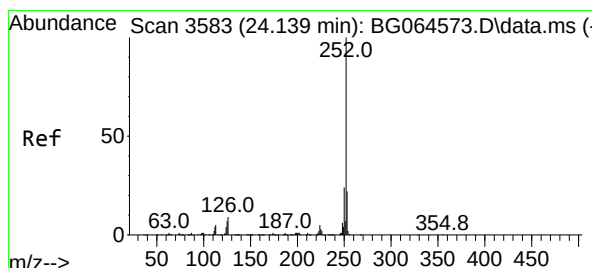
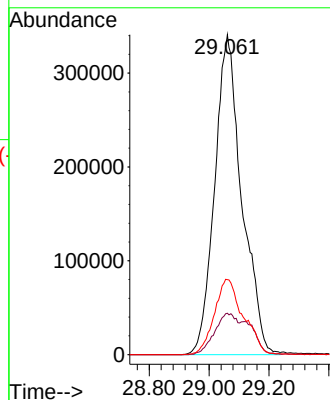
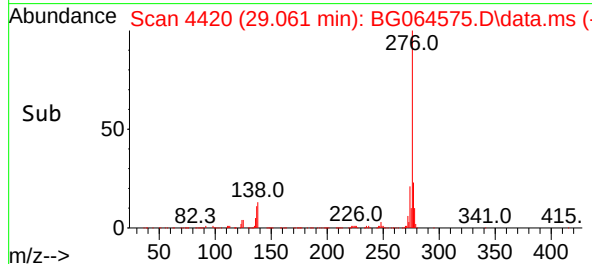
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 2156428
Ion Ratio Lower Upper
276 100
138 10.9 10.8 16.2
277 25.2 20.1 30.1

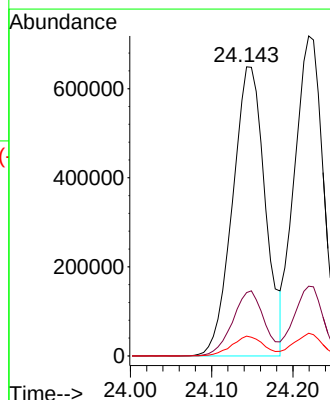
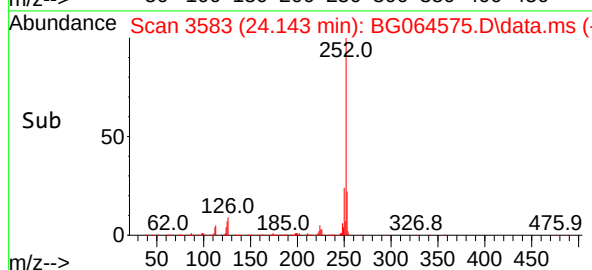
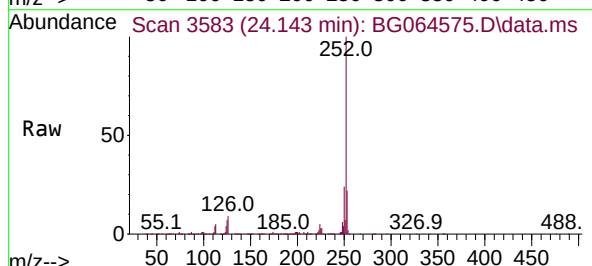
Manual Integrations
APPROVED

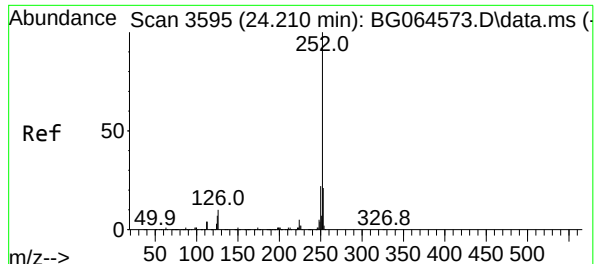
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 77.199 ng
RT: 24.143 min Scan# 3583
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 1810094
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 74.916 ng

RT: 24.219 min Scan# 3596

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1757758

Ion Ratio Lower Upper

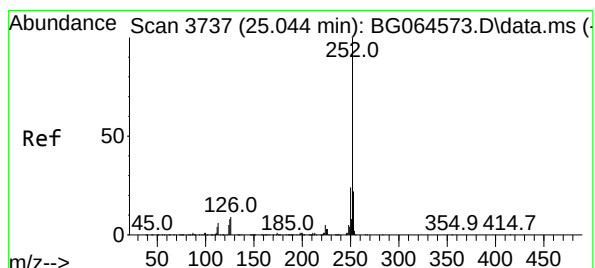
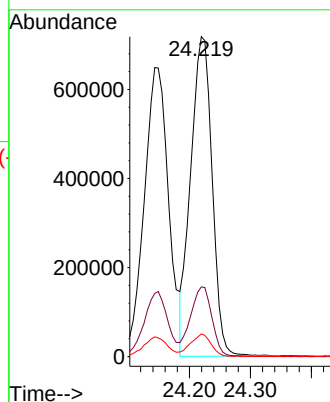
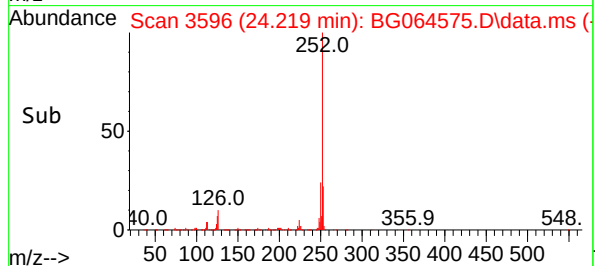
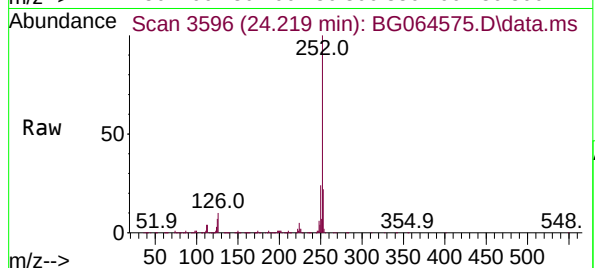
252 100

253 21.8 16.8 25.2

125 7.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#90

Benzo(a)pyrene

Concen: 76.546 ng

RT: 25.060 min Scan# 3739

Delta R.T. 0.015 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

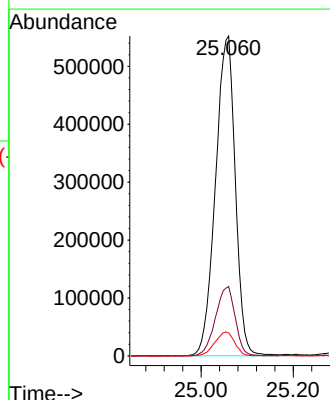
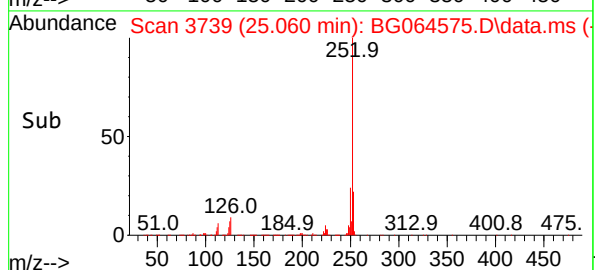
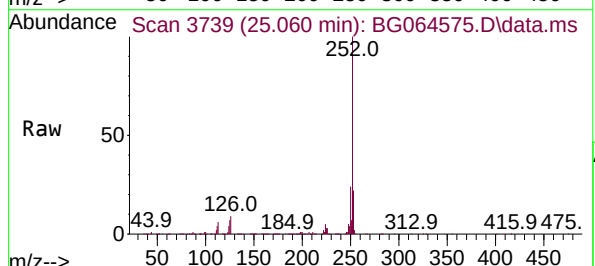
Tgt Ion:252 Resp: 1649779

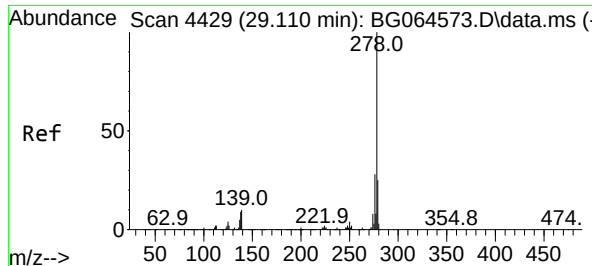
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

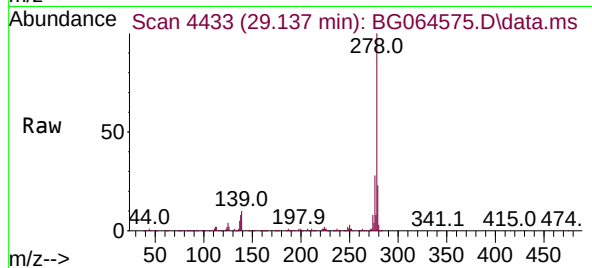
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 76.486 ng
RT: 29.137 min Scan# 4429
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

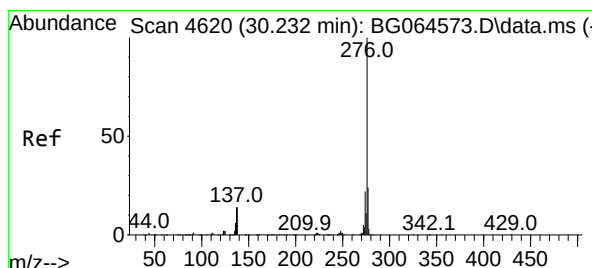
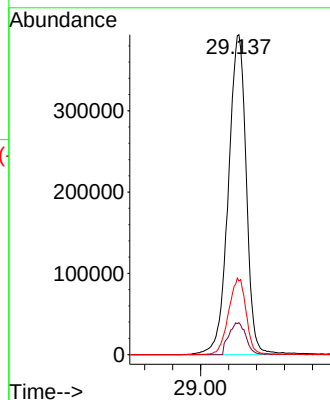
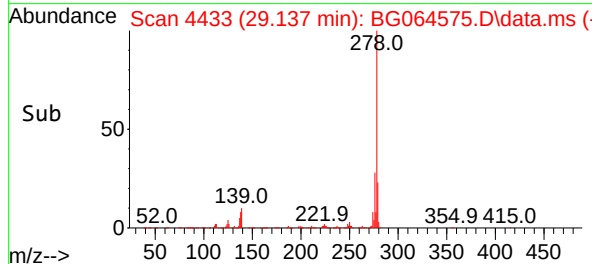
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 278 Resp: 1747896
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 23.0 19.8 29.6

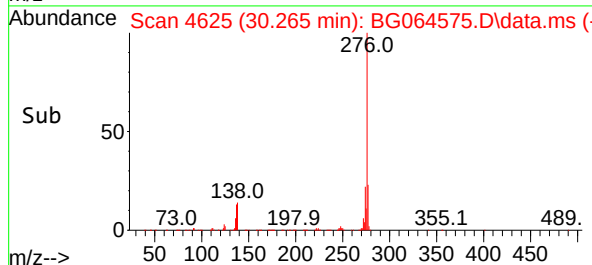
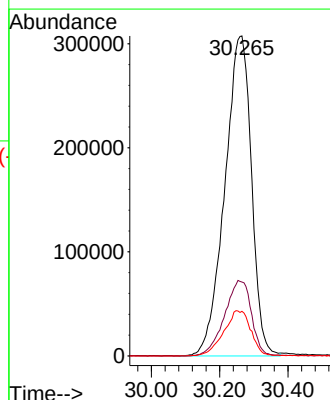
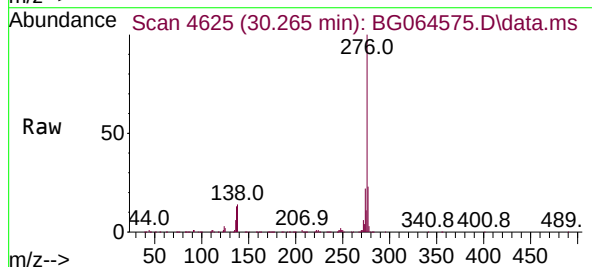
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 11/04/2025
Supervised By : mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 76.498 ng
RT: 30.265 min Scan# 4625
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 276 Resp: 1669976
Ion Ratio Lower Upper
276 100
277 23.1 19.1 28.7
138 13.9 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:03:30 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng	0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng	0.00
86) Perylene-d12	25.210	264	385865	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	249333	95.606	ng	0.00
7) Phenol-d6	7.354	99	349586	97.687	ng	0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng	0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	51872	44.926	ng	99
3) Pyridine	3.999	79	161000	46.434	ng	96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng	92
6) Aniline	7.536	93	228687	46.963	ng	99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng	96
9) Benzaldehyde	7.343	77	91457	46.812	ng	96
10) Phenol	7.384	94	192663	48.681	ng	98
11) bis(2-Chloroethyl)ether	7.630	93	139360	47.894	ng	95
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng	98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.293	ng	93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng	96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng	99
17) 2-Methylphenol	8.653	107	126868	48.282	ng	94
18) Hexachloroethane	9.328	117	54330	48.463	ng	94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng	97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng	99
22) Acetophenone	9.046	105	234956	47.155	ng	# 100
24) Nitrobenzene	9.428	77	171837	52.060	ng	96
25) Isophorone	9.957	82	348174	47.813	ng	97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng	90
27) 2,4-Dimethylphenol	10.198	122	135402	49.988	ng	96
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng	99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng	94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng	94
31) Naphthalene	11.103	128	471891	46.695	ng	98
32) Benzoic acid	10.321	122	97970m	47.410	ng	
33) 4-Chloroaniline	11.191	127	186814	47.560	ng	98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng	98
35) Caprolactam	11.961	113	53689	48.020	ng	# 93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng	98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng	97
38) 1-Methylnaphthalene	12.913	142	342687	46.666	ng	95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng	99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng	98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:03:30 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng	96
46) 1,1'-Biphenyl	13.688	154	470676	46.613	ng	99
47) 2-Chloronaphthalene	13.729	162	359811	47.208	ng	99
48) 2-Nitroaniline	13.911	65	121908	47.668	ng	92
49) Acenaphthylene	14.569	152	565771	47.060	ng	99
50) Dimethylphthalate	14.293	163	519303	47.781	ng	99
51) 2,6-Dinitrotoluene	14.405	165	86665	48.306	ng	99
52) Acenaphthene	14.910	154	388012	47.239	ng	99
53) 3-Nitroaniline	14.734	138	99748	53.405	ng	96
54) 2,4-Dinitrophenol	14.928	184	49318	47.268	ng	89
55) Dibenzofuran	15.239	168	615553	46.355	ng	99
56) 4-Nitrophenol	15.016	139	88609	51.169	ng	95
57) 2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	# 99
58) Fluorene	15.891	166	481625	46.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng	99
60) Diethylphthalate	15.650	149	527594	47.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng	98
62) 4-Nitroaniline	15.891	138	110067	52.970	ng	98
63) Azobenzene	16.168	77	475203	46.671	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng	95
66) n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng	96
68) Hexachlorobenzene	16.890	284	223018	48.043	ng	94
69) Atrazine	17.025	200	187862	47.066	ng	96
70) Pentachlorophenol	17.225	266	147427	50.930	ng	95
71) Phenanthrene	17.625	178	875415	46.621	ng	99
72) Anthracene	17.719	178	893629	46.785	ng	99
73) Carbazole	17.977	167	781031	46.370	ng	100
74) Di-n-butylphthalate	18.535	149	930281	47.762	ng	100
75) Fluoranthene	19.622	202	1092855	46.459	ng	99
77) Benzidine	19.787	184	382418	46.435	ng	100
78) Pyrene	19.981	202	1133345	47.190	ng	99
80) Butylbenzylphthalate	20.856	149	374611	51.609	ng	100
81) Benzo(a)anthracene	21.843	228	1151242	47.234	ng	99
82) 3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng	97
83) Chrysene	21.908	228	1091456	47.062	ng	98
84) Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng	98
85) Di-n-octyl phthalate	23.018	149	896763	49.039	ng	99
87) Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng	97
88) Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng	100
89) Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng	98
90) Benzo(a)pyrene	25.051	252	1029605	47.339	ng	99
91) Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng	99
92) Benzo(g,h,i)perylene	30.245	276	1039447	47.184	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

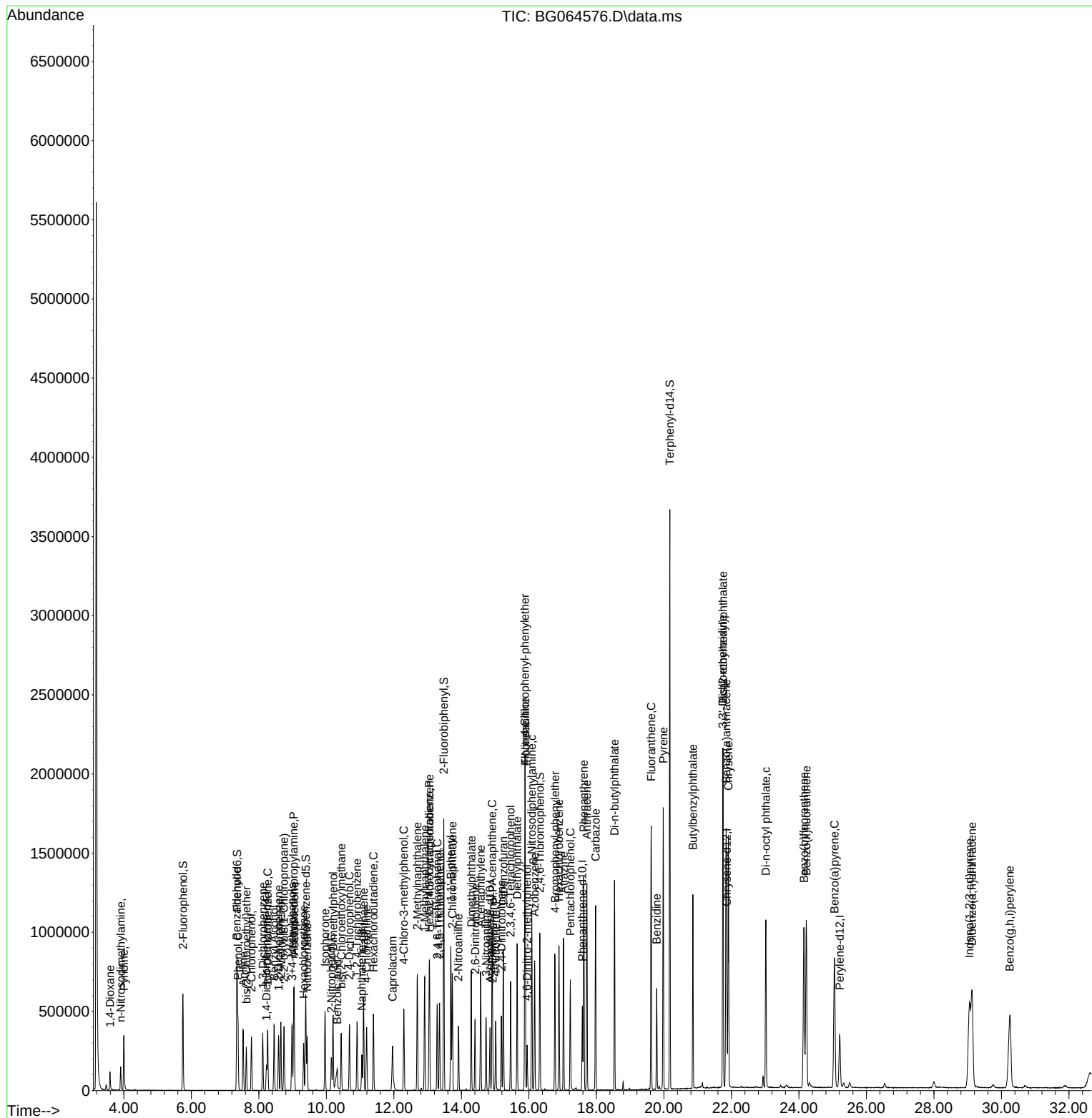
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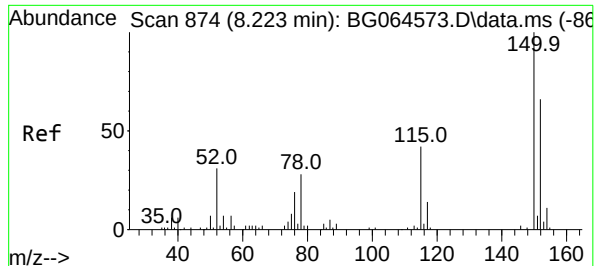
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

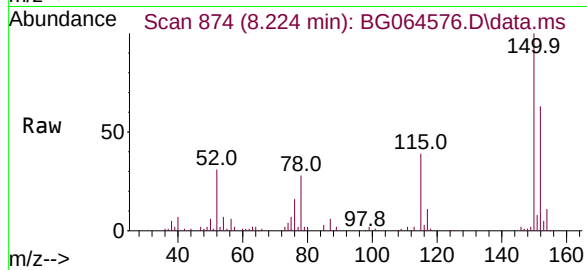
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

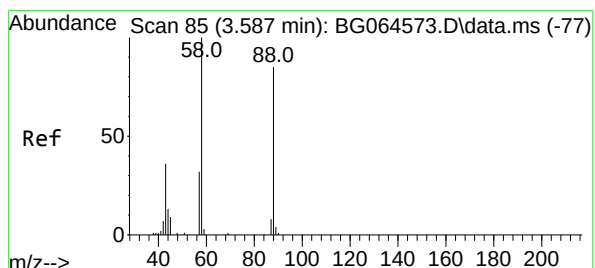
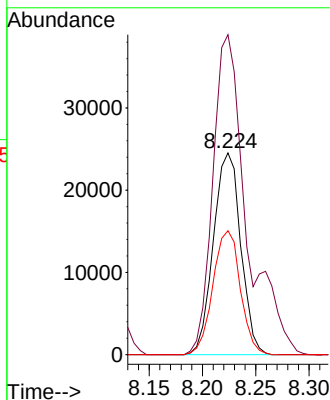
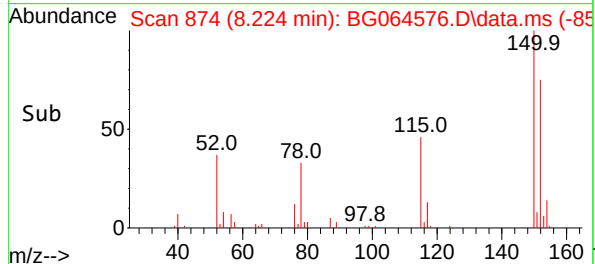
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 43774
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 61.5 50.8 76.2

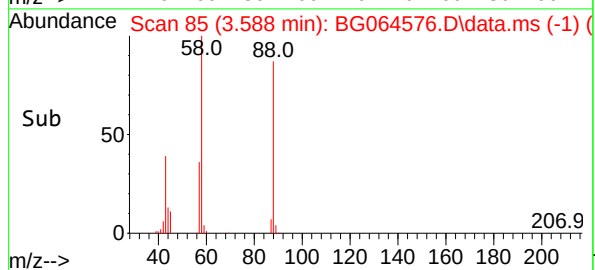
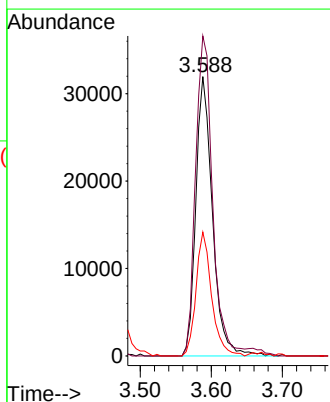
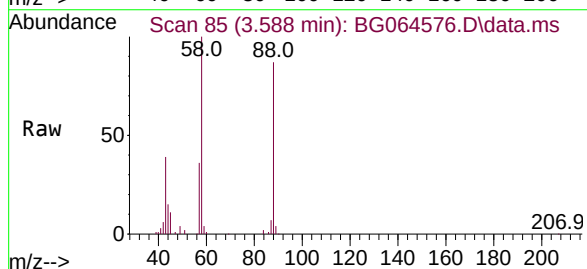
Manual Integrations
APPROVED

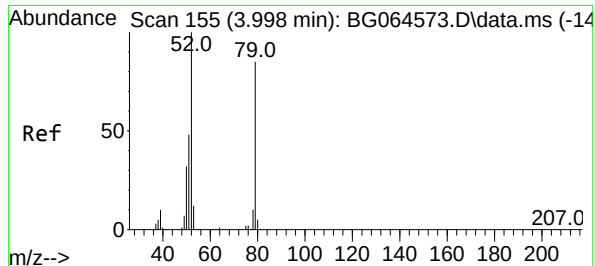
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 44.926 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

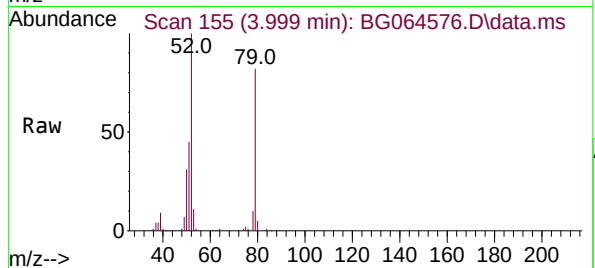
Tgt Ion: 88 Resp: 51872
Ion Ratio Lower Upper
88 100
58 116.7 92.4 138.6
43 41.6 33.0 49.6





#3
Pyridine
Concen: 46.434 ng
RT: 3.999 min Scan# 155
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

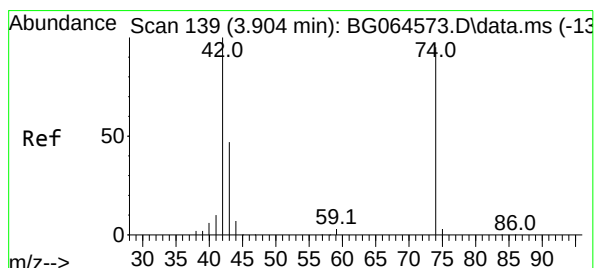
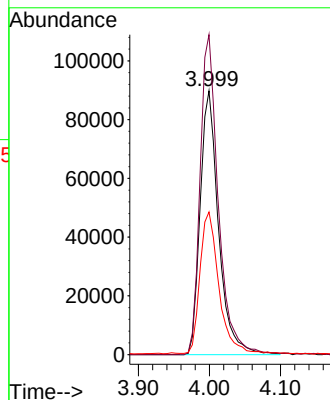
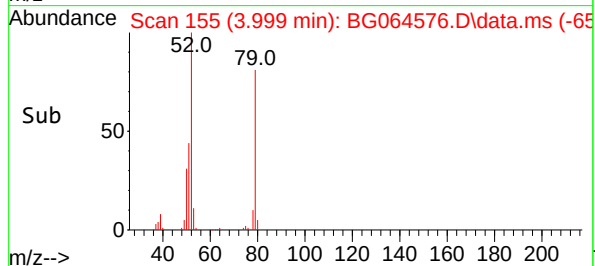
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 161000
Ion Ratio Lower Upper
79 100
52 121.3 94.2 141.2
51 54.1 46.1 69.1

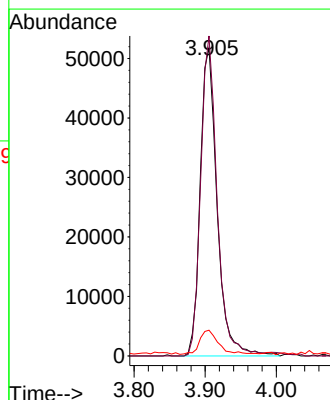
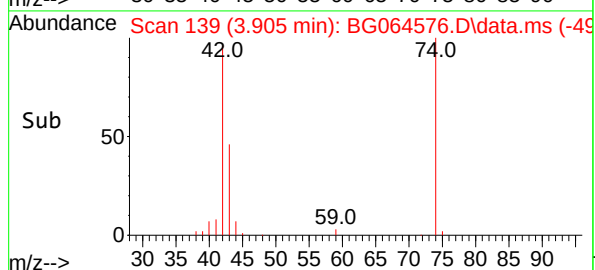
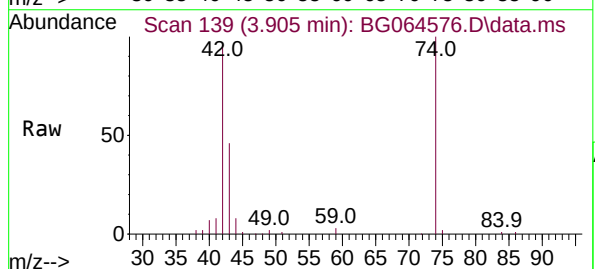
Manual Integrations
APPROVED

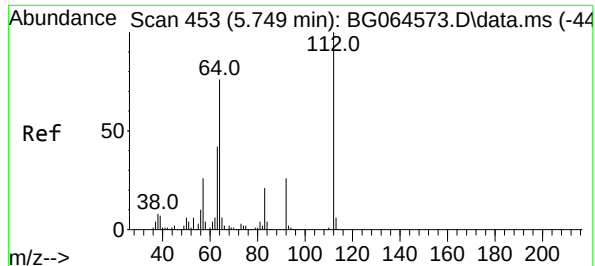
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

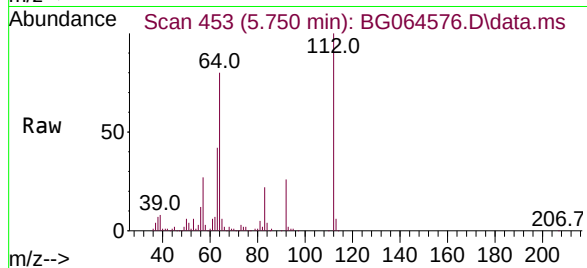
Tgt Ion: 42 Resp: 85377
Ion Ratio Lower Upper
42 100
74 103.9 76.1 114.1
44 8.4 6.3 9.5





#5
2-Fluorophenol
Concen: 95.606 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

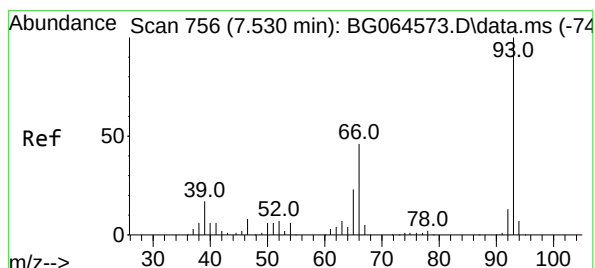
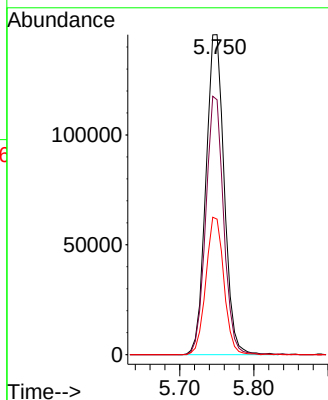
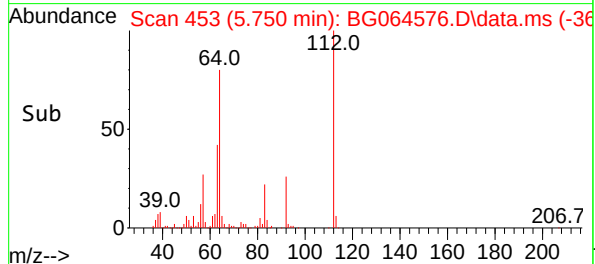
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 249333
Ion Ratio Lower Upper
112 100
64 79.6 60.7 91.1
63 42.3 33.4 50.0

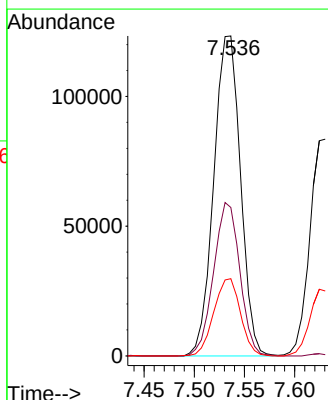
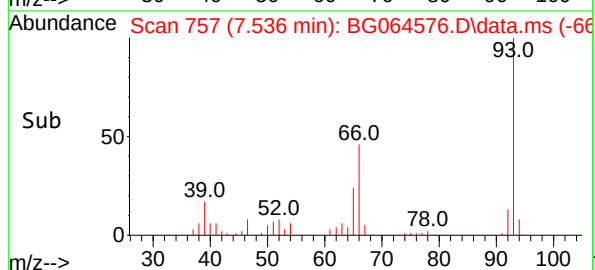
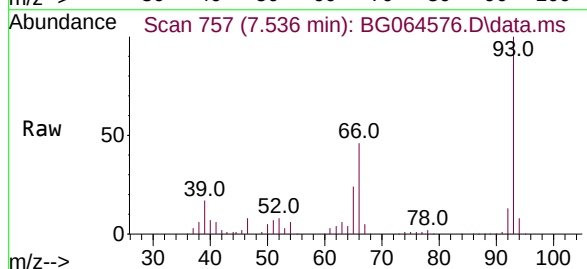
Manual Integrations
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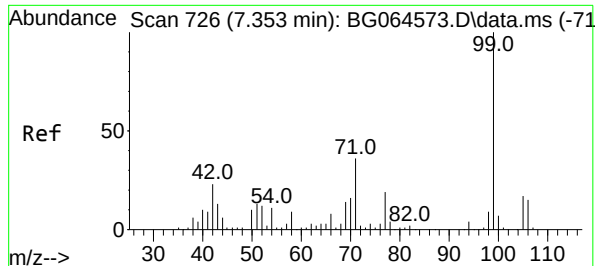
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 46.963 ng
RT: 7.536 min Scan# 757
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 228687
Ion Ratio Lower Upper
93 100
66 46.4 37.0 55.6
65 24.1 18.3 27.5





#7

Phenol-d6

Concen: 97.687 ng

RT: 7.354 min Scan# 71

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

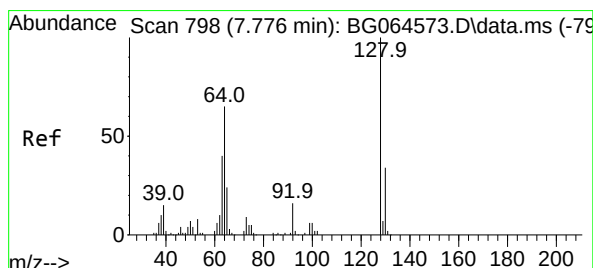
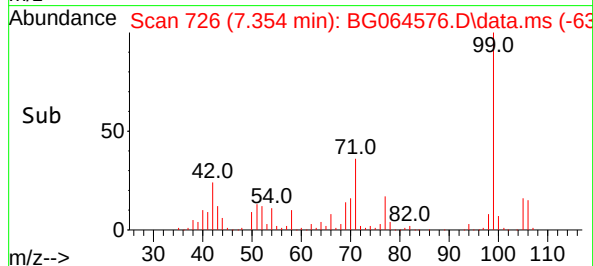
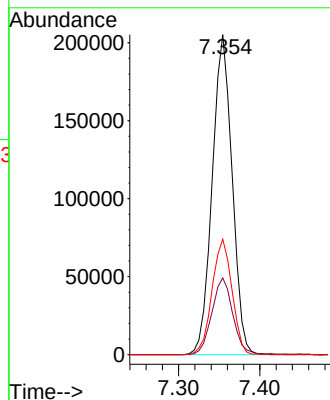
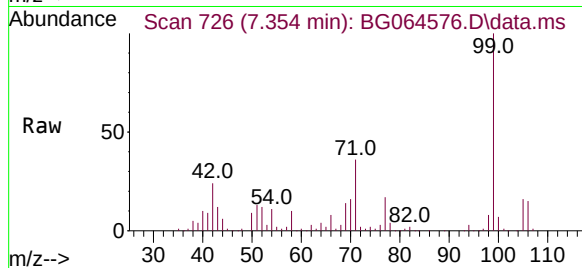
ClientSampleId :

SSTDICC050

Tgt Ion:	99	Resp:	349586
Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	36.1	28.6	43.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8

2-Chlorophenol

Concen: 49.112 ng

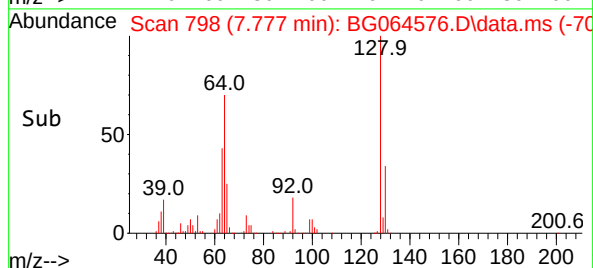
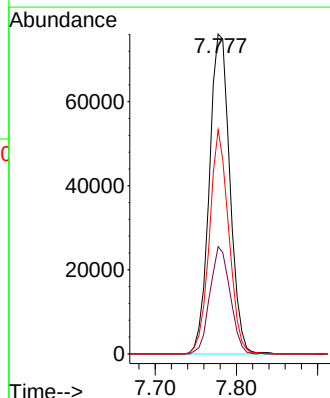
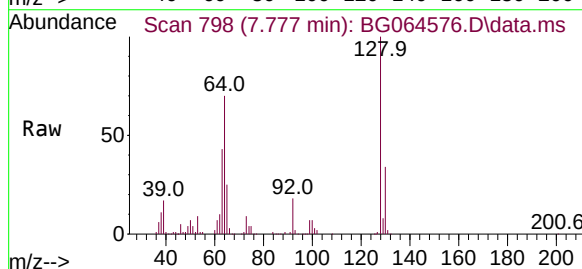
RT: 7.777 min Scan# 798

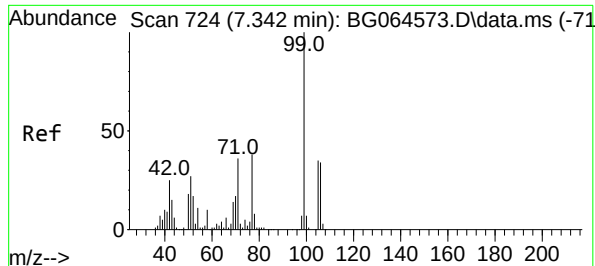
Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

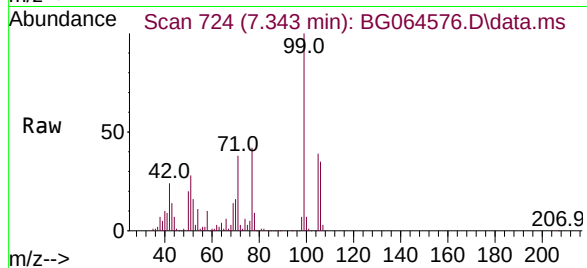
Tgt Ion:	128	Resp:	134062
Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	70.0	45.2	85.2





#9
Benzaldehyde
Concen: 46.812 ng
RT: 7.343 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

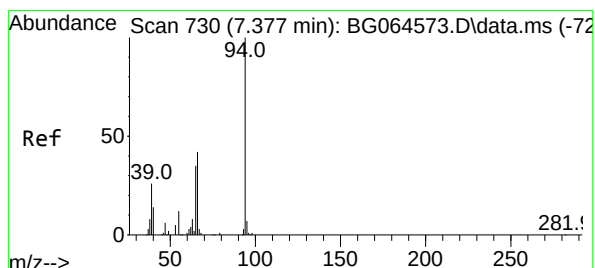
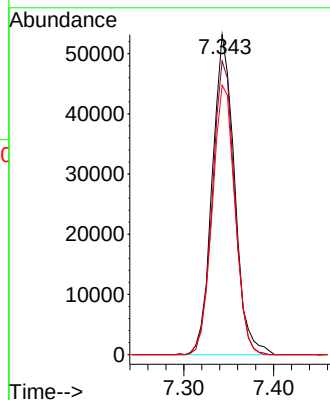
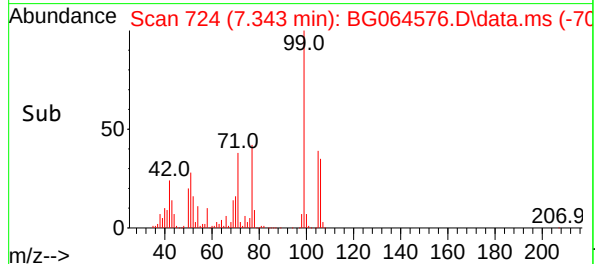
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 9145
Ion Ratio Lower Upper
77 100
105 91.7 72.9 112.9
106 84.2 70.8 110.8

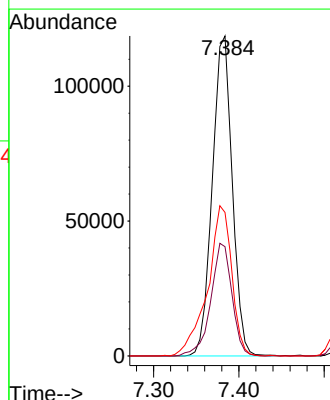
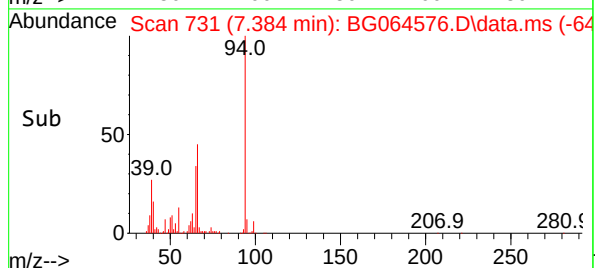
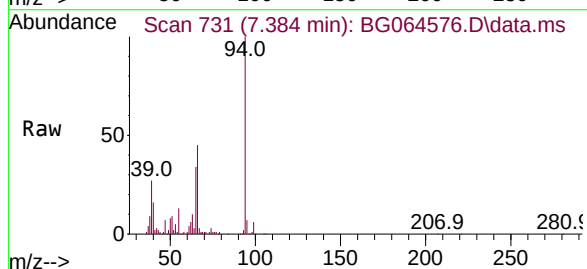
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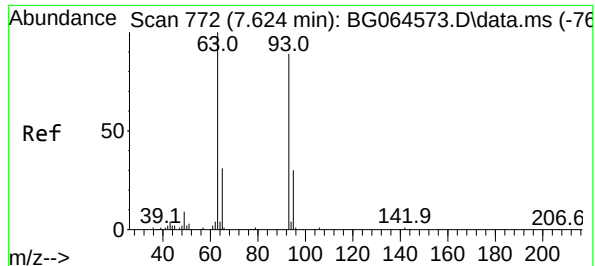
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#10
Phenol
Concen: 48.681 ng
RT: 7.384 min Scan# 731
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 94 Resp: 192663
Ion Ratio Lower Upper
94 100
65 34.1 15.8 55.8
66 44.8 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 47.894 ng

RT: 7.630 min Scan# 772

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 139360

Ion Ratio Lower Upper

93 100

63 105.5 91.3 131.3

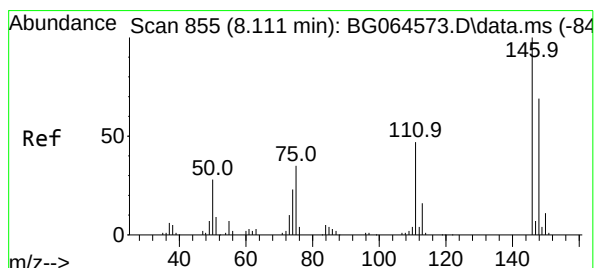
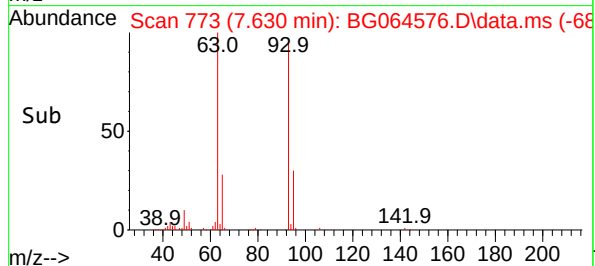
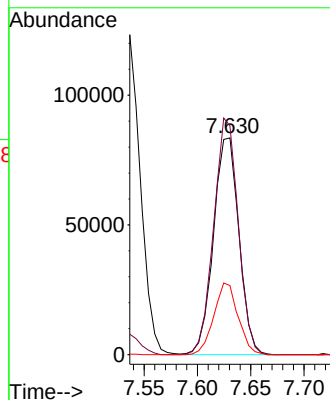
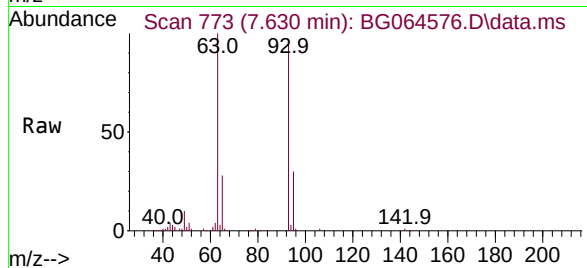
95 31.8 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 46.758 ng

RT: 8.112 min Scan# 855

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

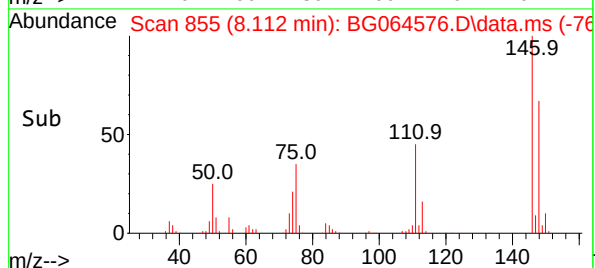
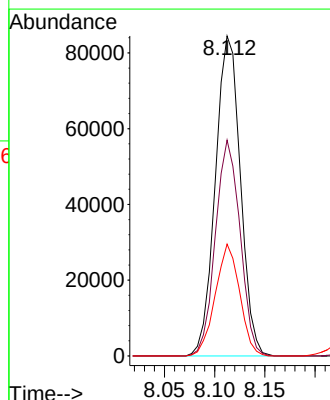
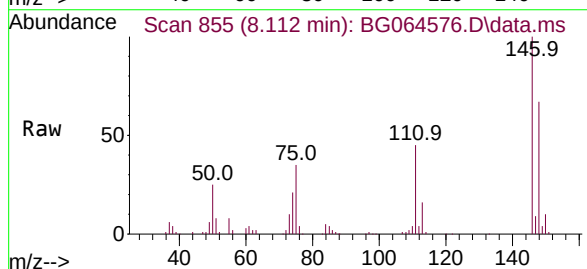
Tgt Ion:146 Resp: 146905

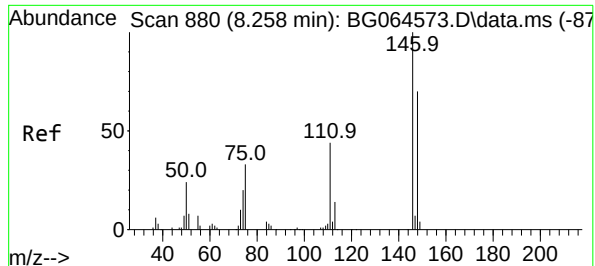
Ion Ratio Lower Upper

146 100

148 67.4 55.3 82.9

75 34.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 47.293 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 151083

Ion Ratio Lower Upper

146 100

148 62.7 56.2 84.4

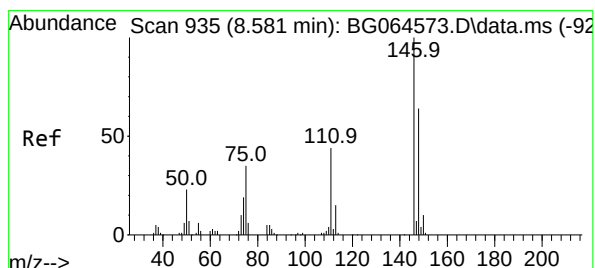
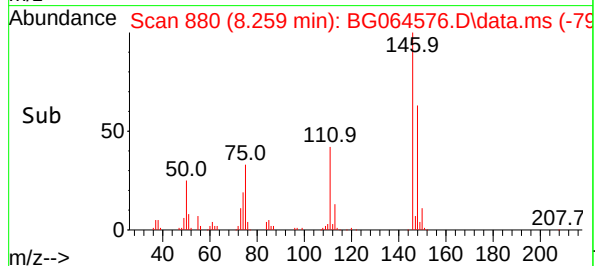
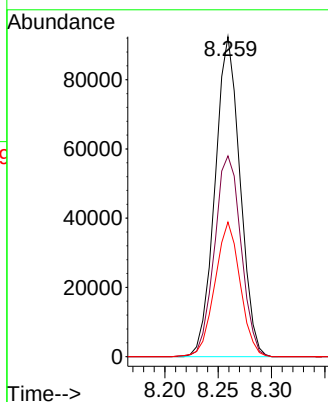
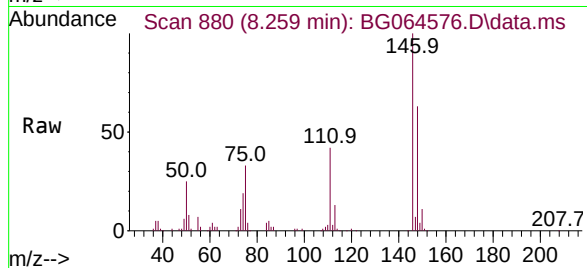
111 42.0 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.729 ng

RT: 8.582 min Scan# 935

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

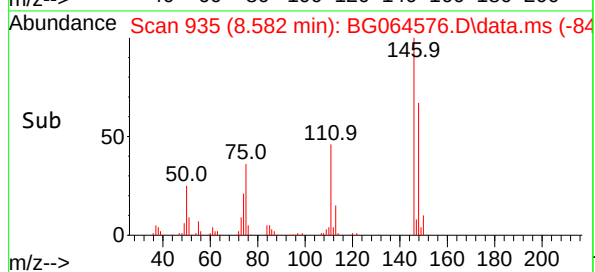
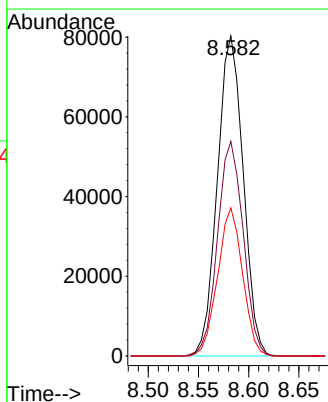
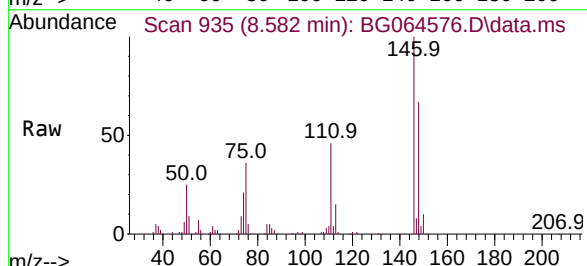
Tgt Ion:146 Resp: 143986

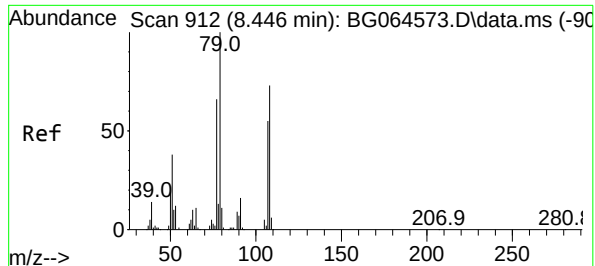
Ion Ratio Lower Upper

146 100

148 67.0 51.5 77.3

111 46.3 35.0 52.6





#15

Benzyl Alcohol

Concen: 48.417 ng

RT: 8.447 min Scan# 912

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 142880

Ion Ratio Lower Upper

79 100

108 71.2 58.1 87.1

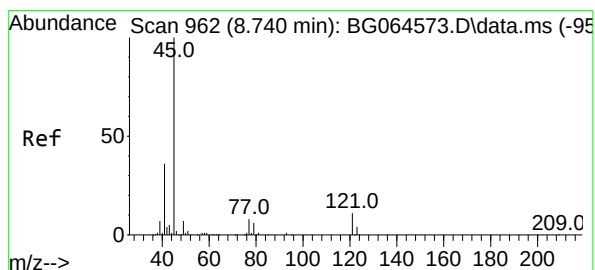
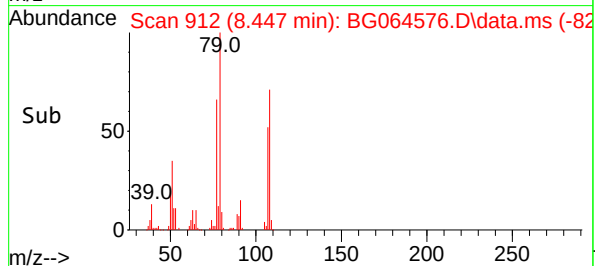
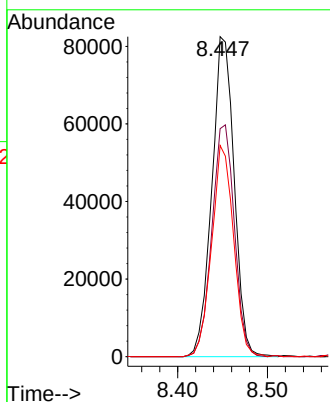
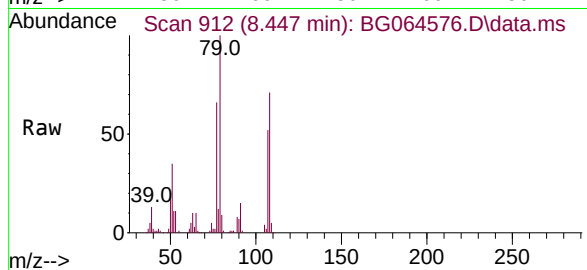
77 66.0 52.8 79.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.332 ng

RT: 8.741 min Scan# 962

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

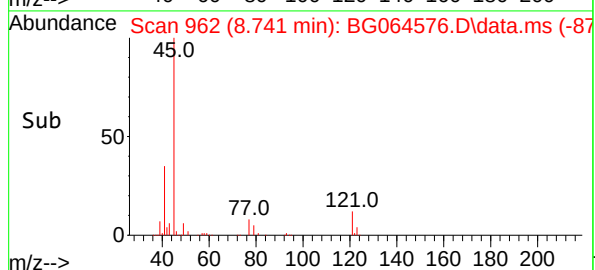
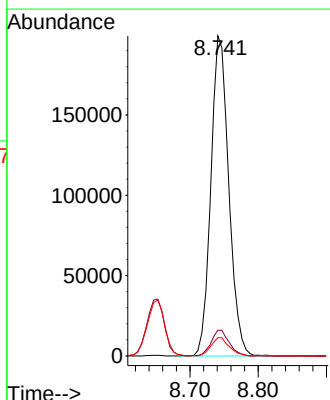
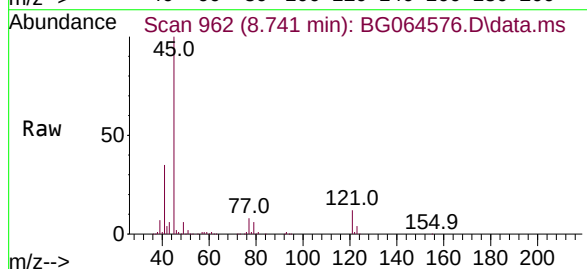
Tgt Ion: 45 Resp: 361264

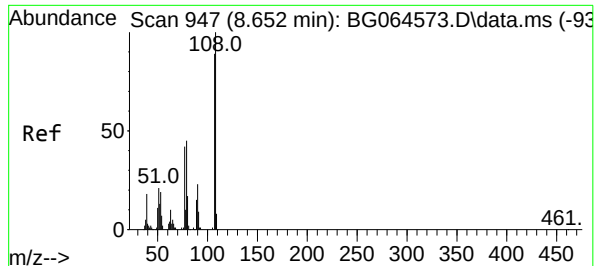
Ion Ratio Lower Upper

45 100

77 8.0 0.0 28.5

79 5.7 0.0 25.6





#17

2-Methylphenol

Concen: 48.282 ng

RT: 8.653 min Scan# 947

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 126868

Ion Ratio Lower Upper

107 100

108 120.8 90.0 135.0

77 49.7 37.8 56.8

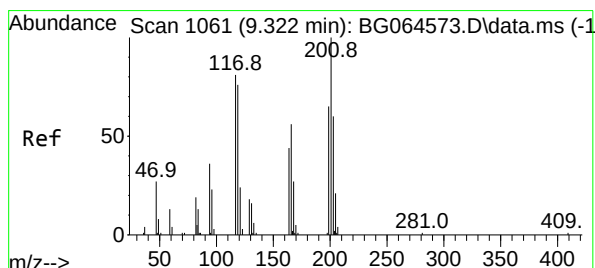
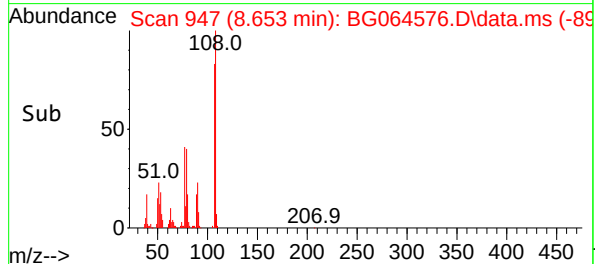
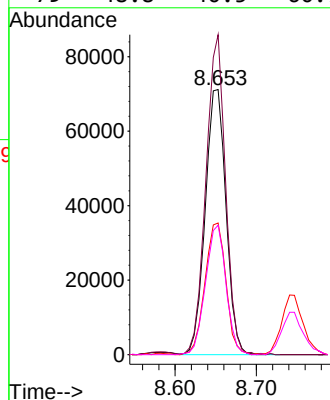
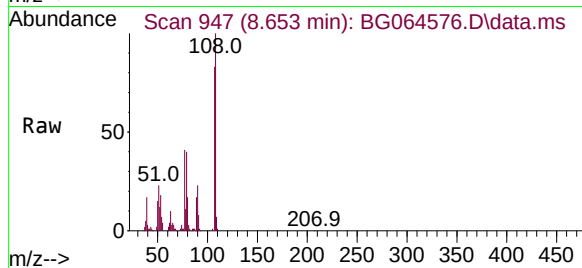
79 48.8 40.5 60.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 48.463 ng

RT: 9.328 min Scan# 1062

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

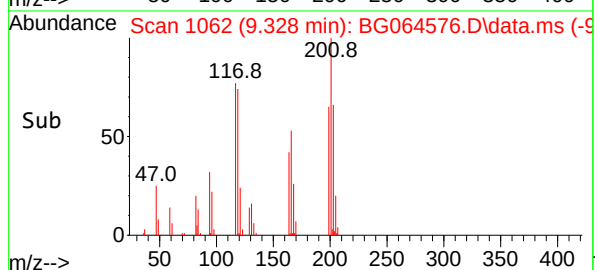
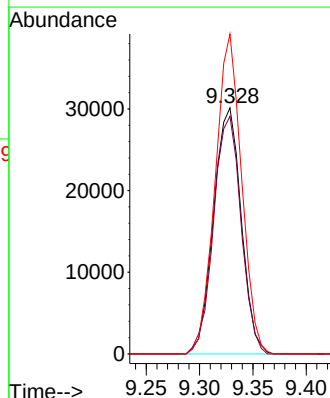
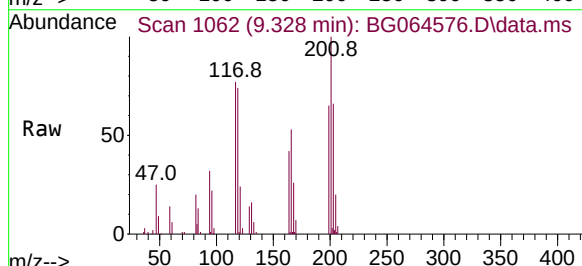
Tgt Ion:117 Resp: 54330

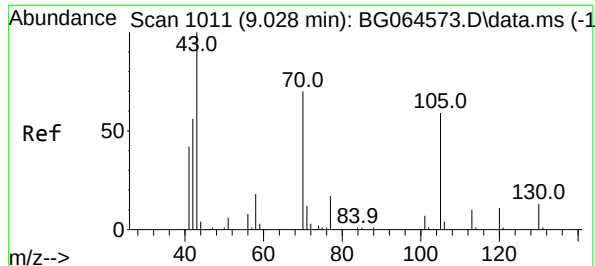
Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.2

201 134.0 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.350 ng

RT: 9.029 min Scan# 1011

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 12205

Ion Ratio Lower Upper

70 100

42 78.6 65.2 97.8

101 8.8 7.9 11.9

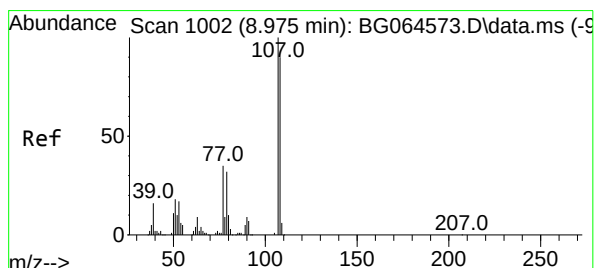
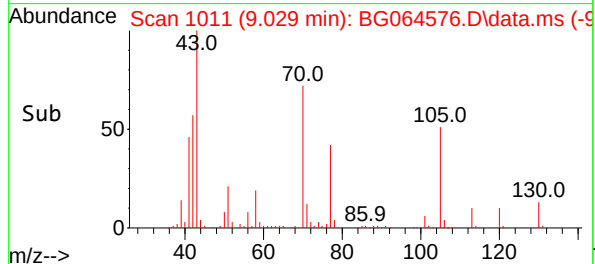
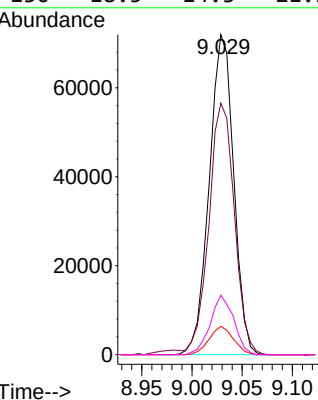
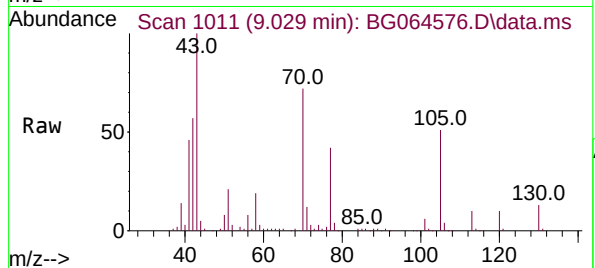
130 18.5 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 47.740 ng

RT: 8.982 min Scan# 1003

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 176415

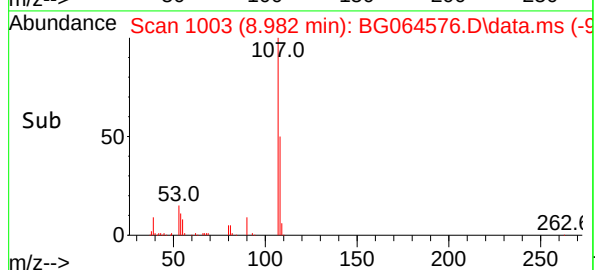
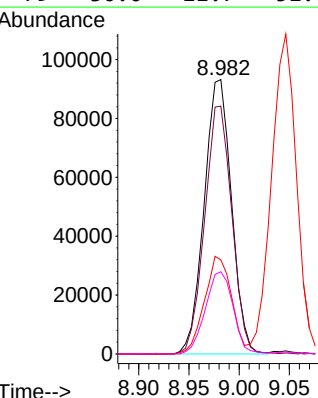
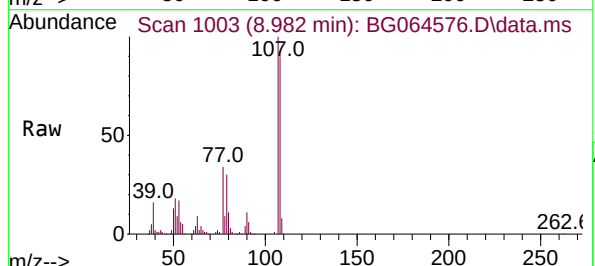
Ion Ratio Lower Upper

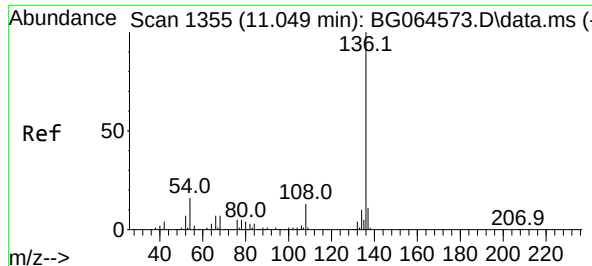
107 100

108 90.4 70.3 110.3

77 34.2 14.6 54.6

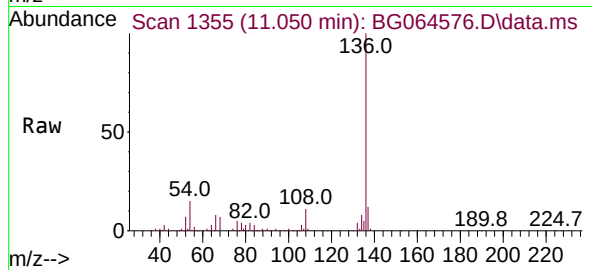
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1355
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

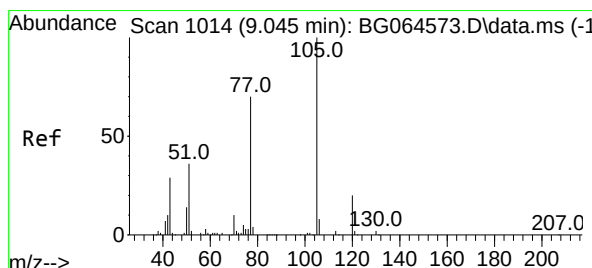
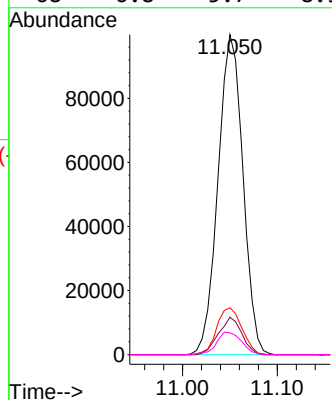
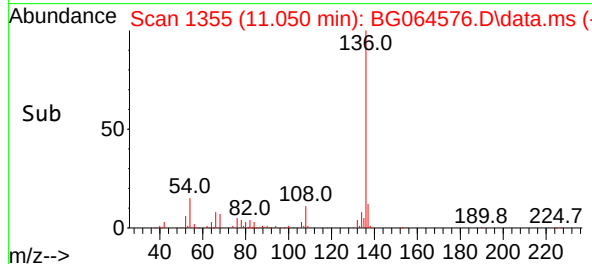
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 182273
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 14.6 12.6 19.0
68 6.8 5.7 8.5

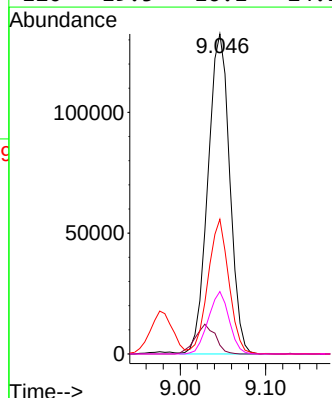
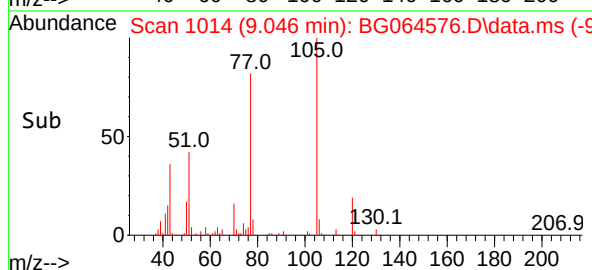
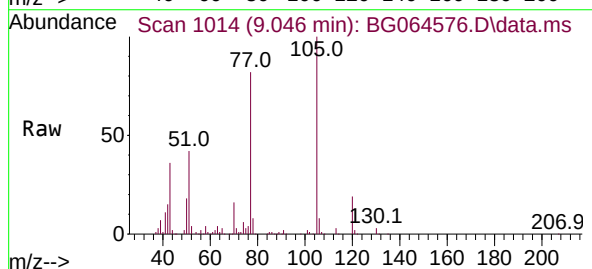
Manual Integrations
APPROVED

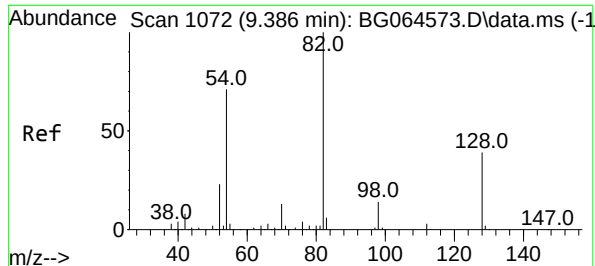
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 47.155 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:105 Resp: 234956
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 42.1 33.7 50.5
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 106.847 ng

RT: 9.387 min Scan# 1072

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 324249

Ion Ratio Lower Upper

82 100

128 37.9 31.3 46.9

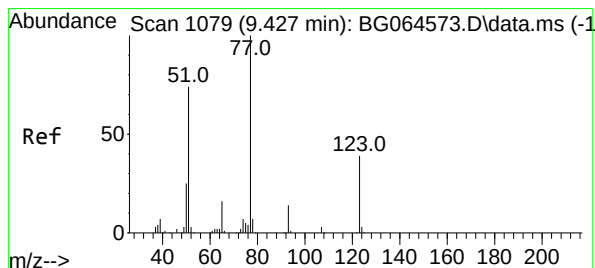
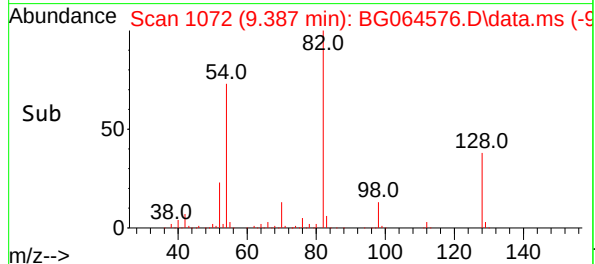
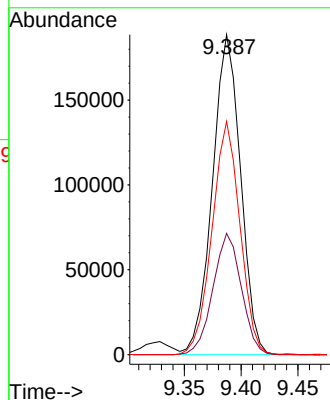
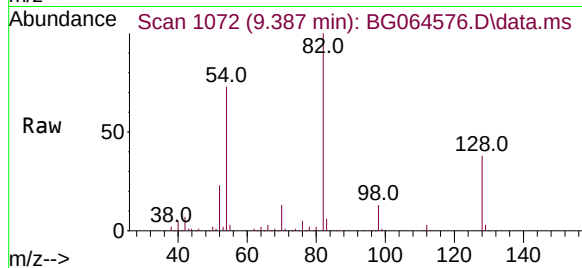
54 72.9 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 52.060 ng

RT: 9.428 min Scan# 1079

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

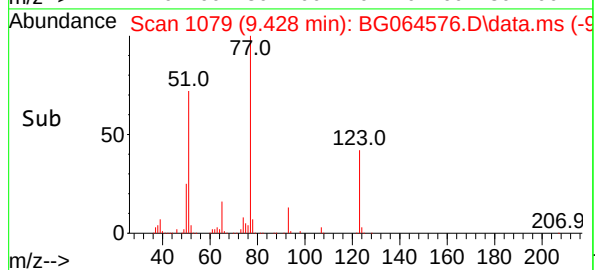
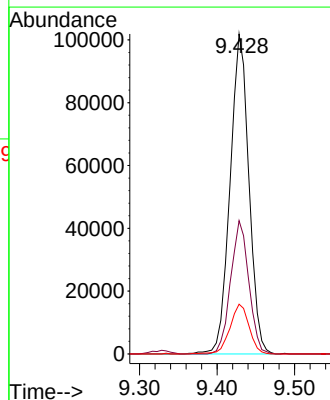
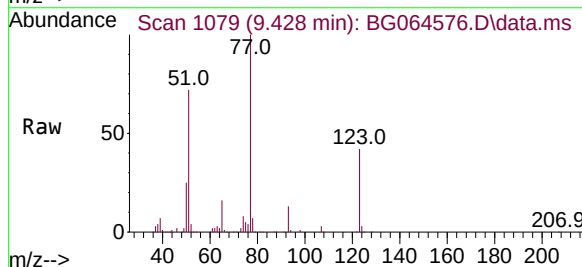
Tgt Ion: 77 Resp: 171837

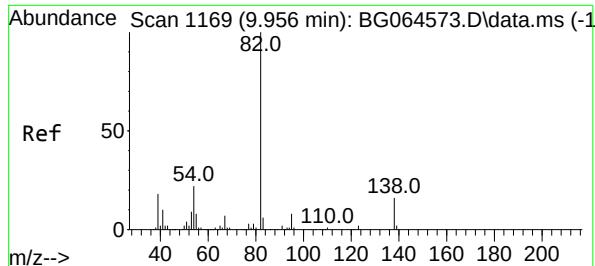
Ion Ratio Lower Upper

77 100

123 41.6 31.0 46.6

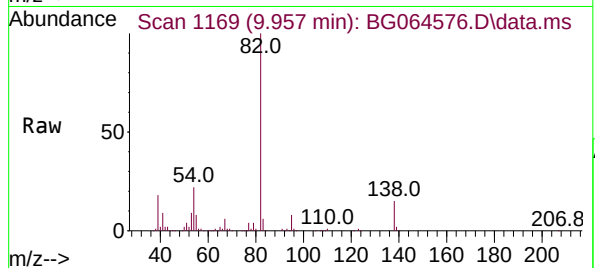
65 15.5 12.7 19.1





#25
Isophorone
Concen: 47.813 ng
RT: 9.957 min Scan# 1169
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

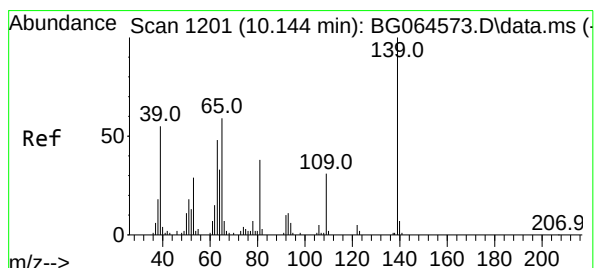
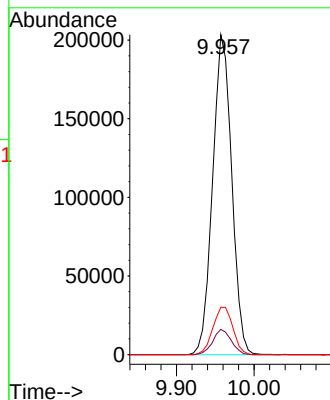
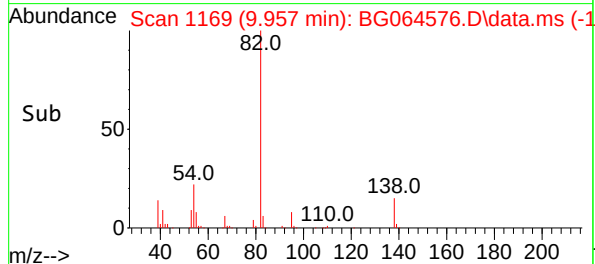
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



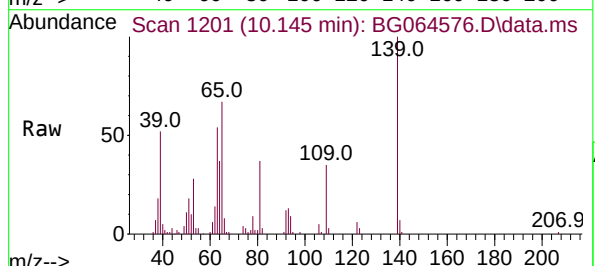
Tgt Ion: 82 Resp: 348174
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 14.8 13.0 19.4

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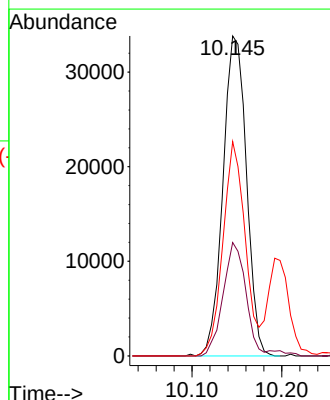
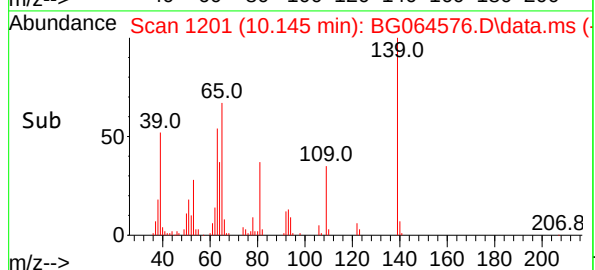
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

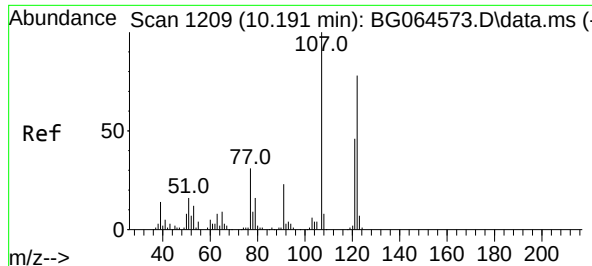


#26
2-Nitrophenol
Concen: 48.353 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



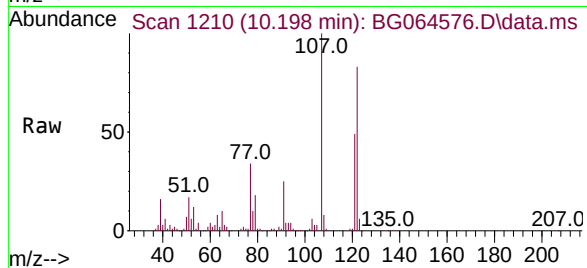
Tgt Ion:139 Resp: 61611
Ion Ratio Lower Upper
139 100
109 35.4 24.6 37.0
65 67.0 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 49.988 ng
RT: 10.198 min Scan# 1209
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

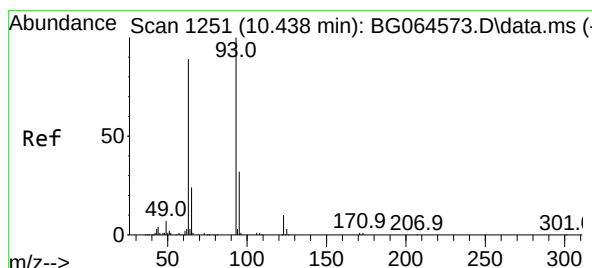
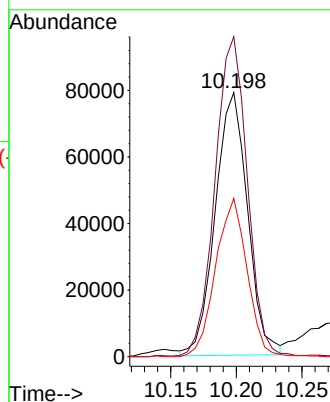
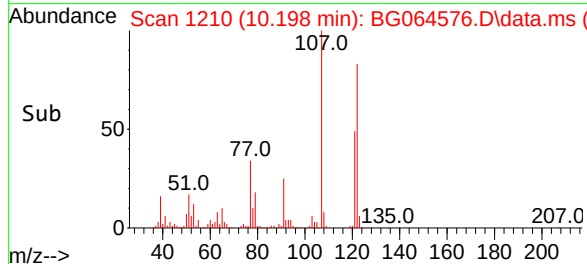
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 135402
Ion Ratio Lower Upper
122 100
107 121.2 103.0 154.4
121 59.9 47.8 71.8

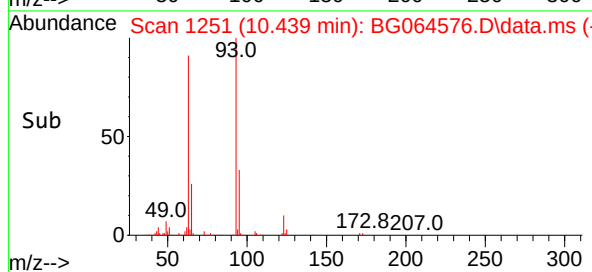
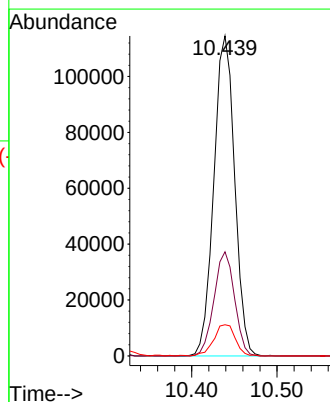
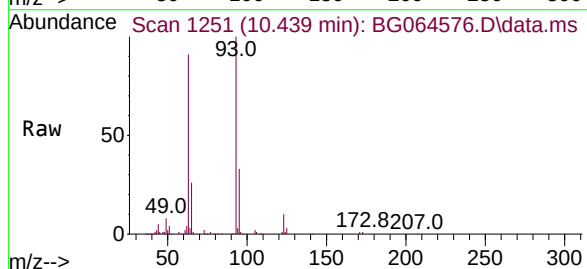
Manual Integrations
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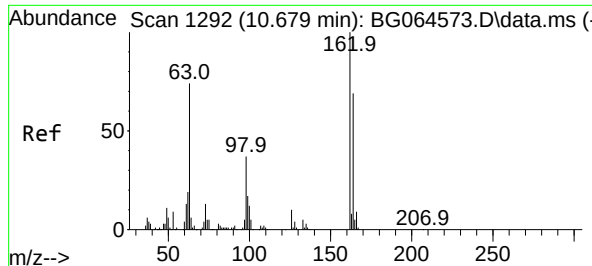
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.800 ng
RT: 10.439 min Scan# 1251
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 194038
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.062 ng

RT: 10.680 min Scan# 1292

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 148850

Ion Ratio Lower Upper

162 100

164 63.1 48.7 88.7

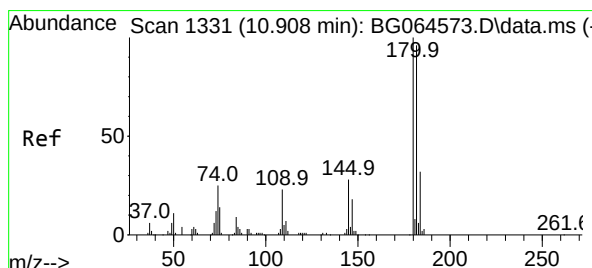
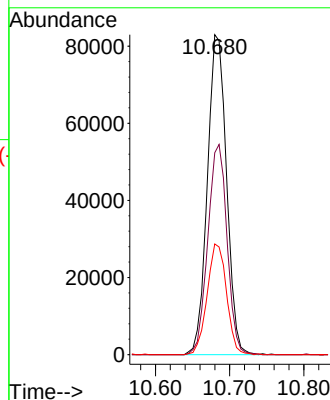
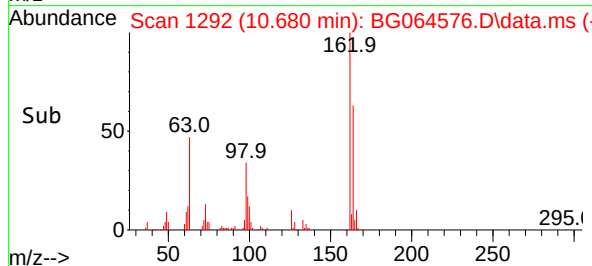
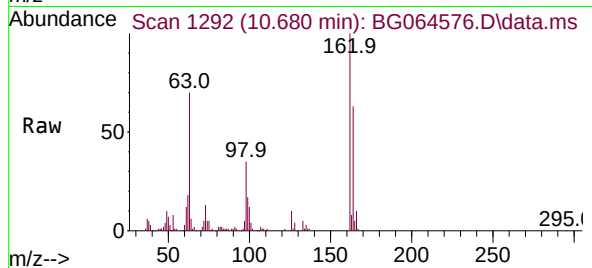
98 34.6 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.068 ng

RT: 10.909 min Scan# 1331

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

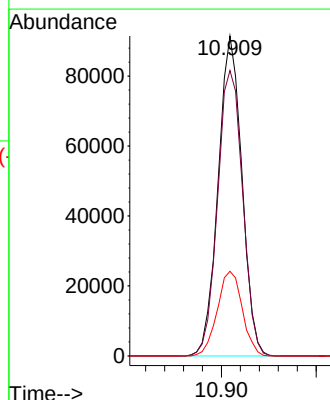
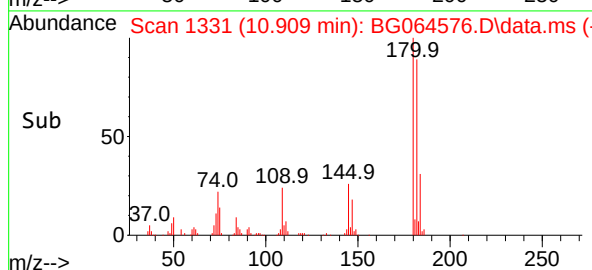
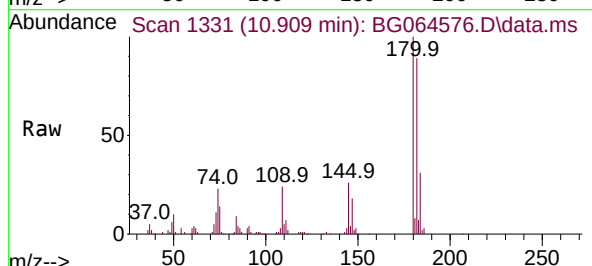
Tgt Ion:180 Resp: 159207

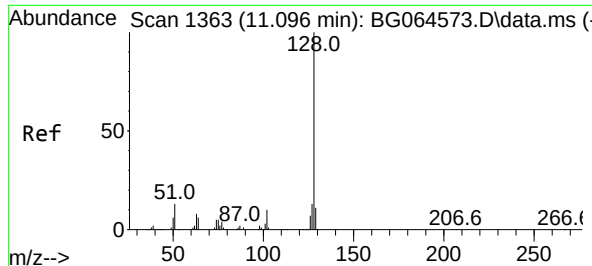
Ion Ratio Lower Upper

180 100

182 89.2 76.9 115.3

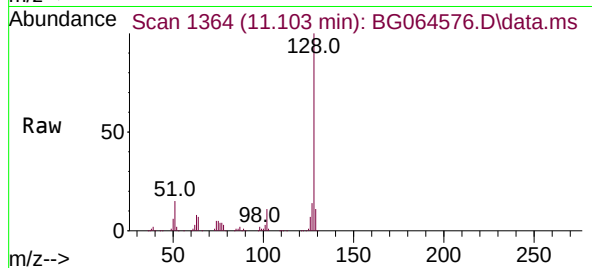
145 26.4 22.1 33.1





#31
Naphthalene
Concen: 46.695 ng
RT: 11.103 min Scan# 1364
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

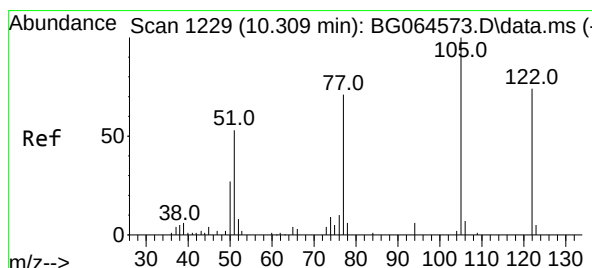
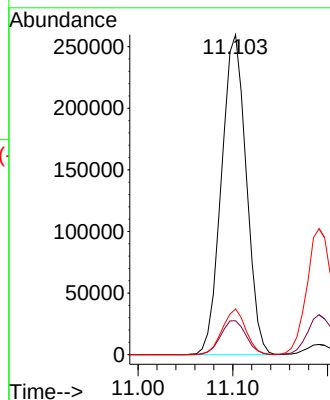
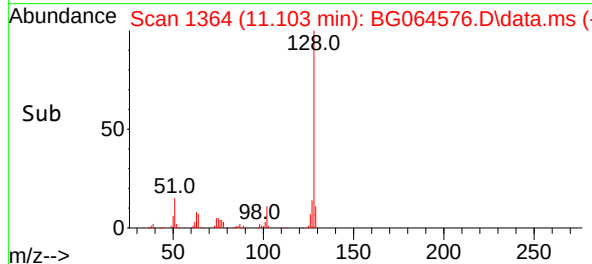
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 47189
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.3 10.6 15.8

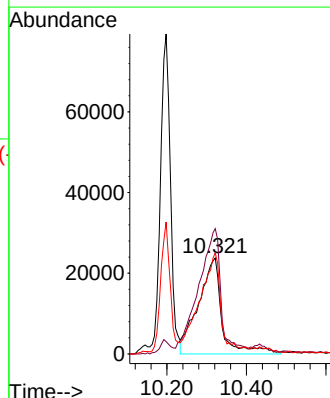
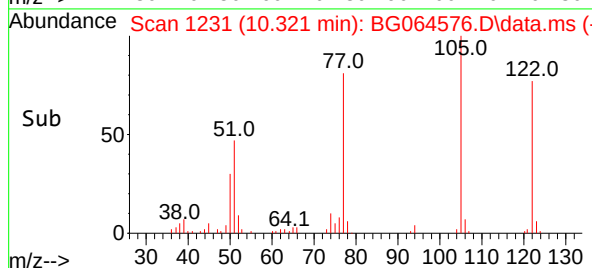
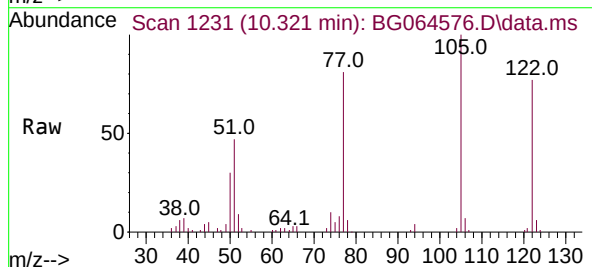
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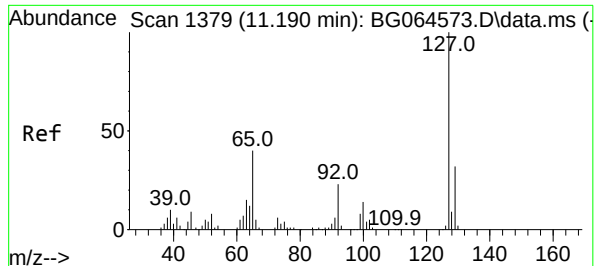
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 47.410 ng m
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

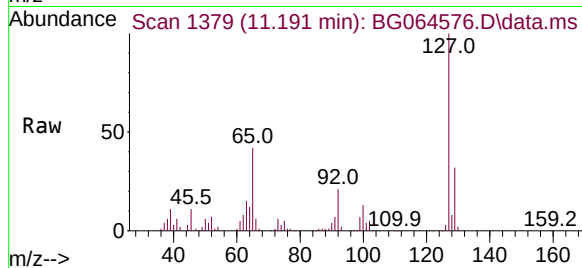
Tgt Ion:122 Resp: 97970
Ion Ratio Lower Upper
122 100
105 130.6 104.2 144.2
77 105.4 70.2 110.2





#33
4-Chloroaniline
Concen: 47.560 ng
RT: 11.191 min Scan# 1379
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

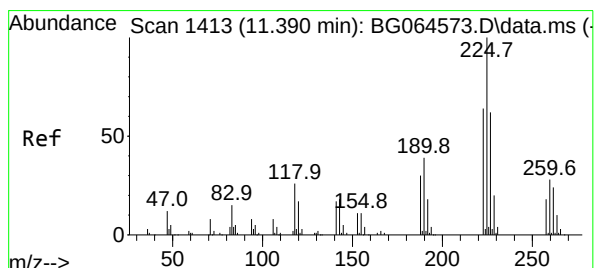
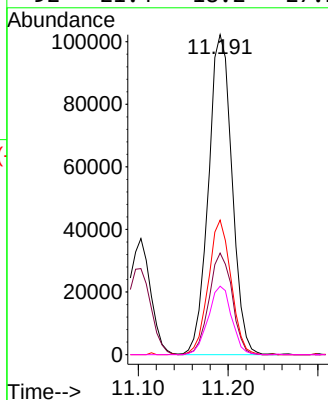
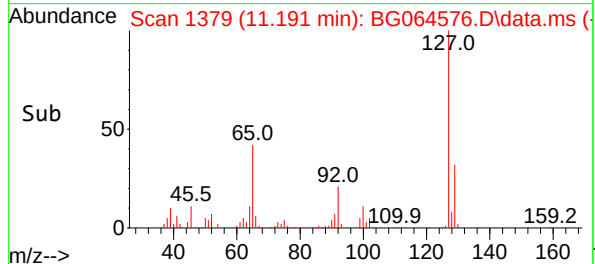
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



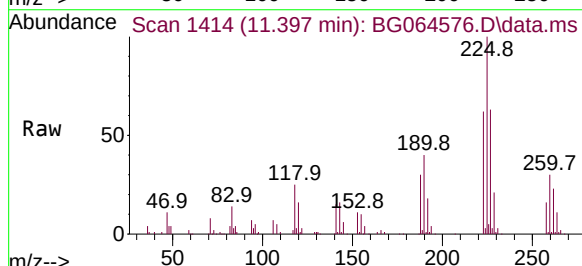
Tgt Ion:127 Resp: 186814
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 42.0 32.2 48.4
92 21.4 18.2 27.2

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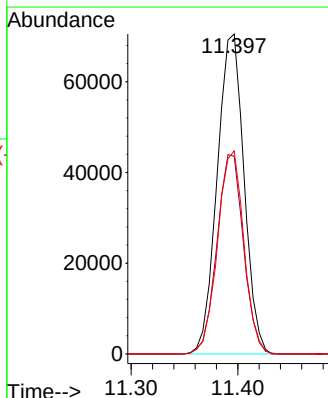
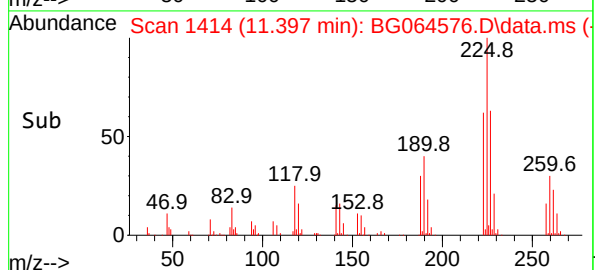
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

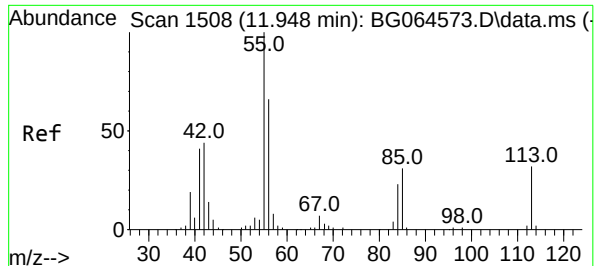


#34
Hexachlorobutadiene
Concen: 47.716 ng
RT: 11.397 min Scan# 1414
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:225 Resp: 123596
Ion Ratio Lower Upper
225 100
223 59.0 48.8 73.2
227 63.1 49.5 74.3





#35
Caprolactam
Concen: 48.020 ng
RT: 11.961 min Scan# 1510
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

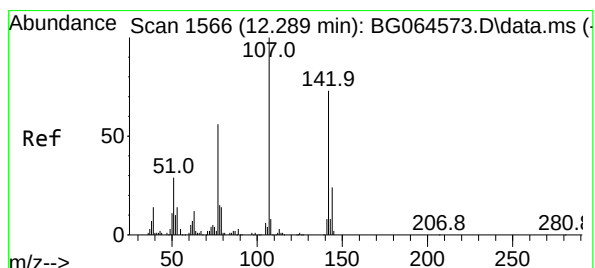
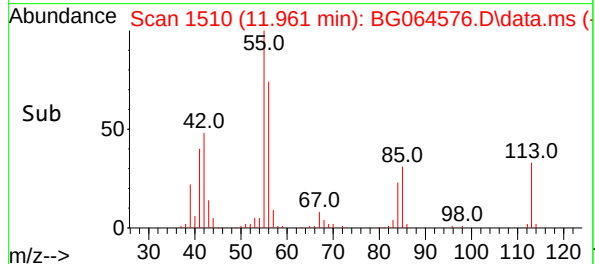
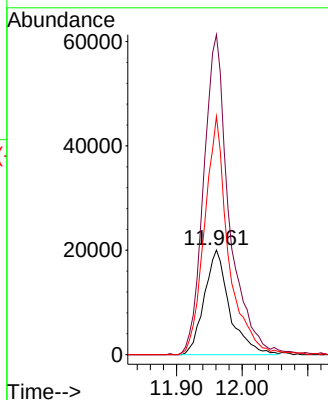
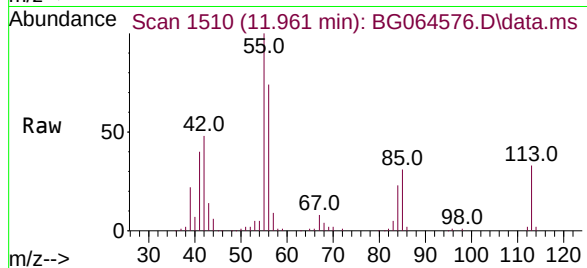
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Lower	Upper
113	100		
55	305.8	290.1	330.1
56	227.6	183.8	223.8

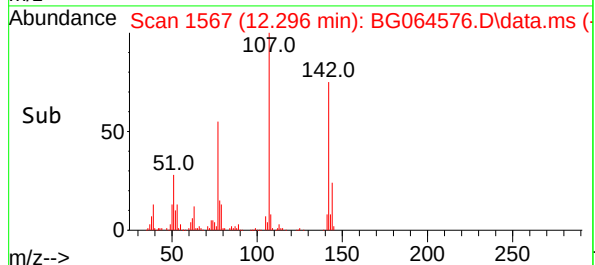
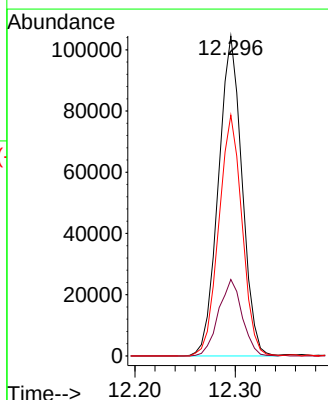
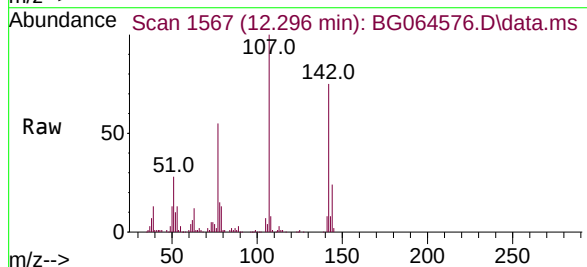
Manual Integrations
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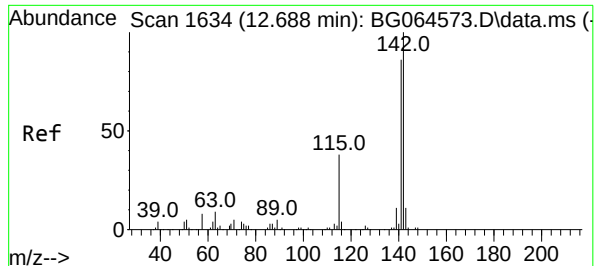
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 48.836 ng
RT: 12.296 min Scan# 1567
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

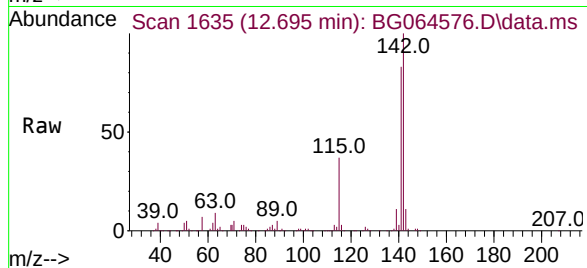
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.1	28.7
142	75.2	58.6	87.8





#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 12.695 min Scan# 1635
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

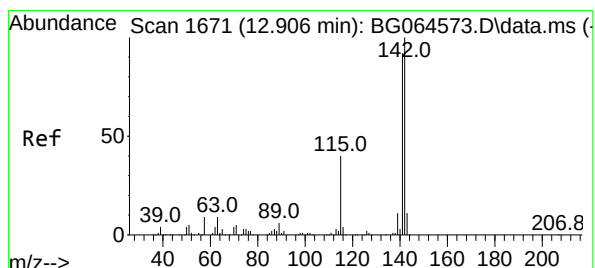
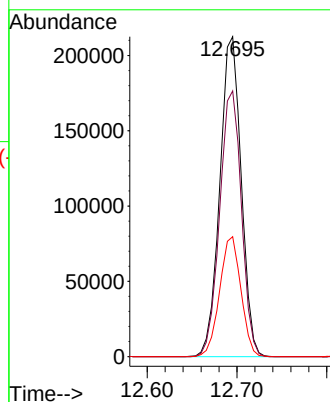
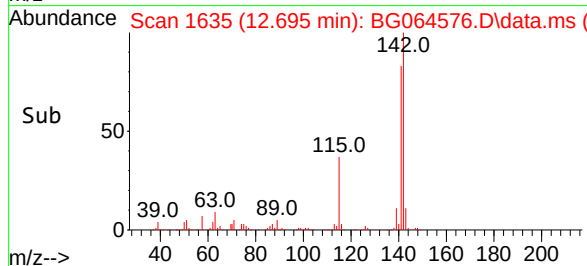
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



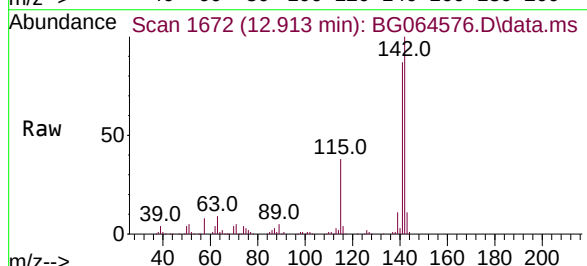
Tgt Ion:142 Resp: 351946
Ion Ratio Lower Upper
142 100
141 83.0 68.9 103.3
115 37.5 30.6 46.0

Manual Integrations
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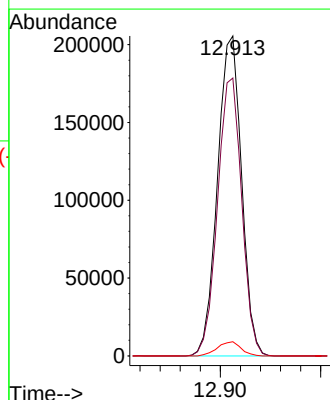
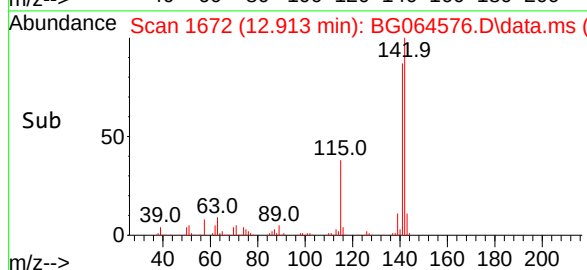
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

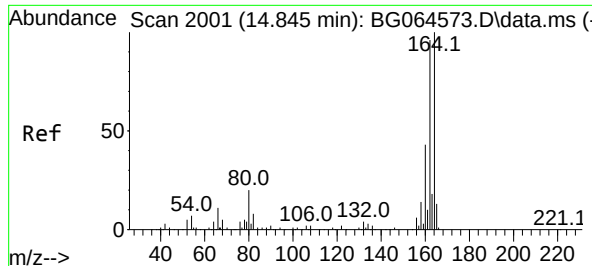


#38
1-Methylnaphthalene
Concen: 46.666 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:142 Resp: 342687
Ion Ratio Lower Upper
142 100
141 86.8 73.3 109.9
116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.846 min Scan# 2001

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 142032

Ion Ratio Lower Upper

164 100

162 101.1 77.0 115.6

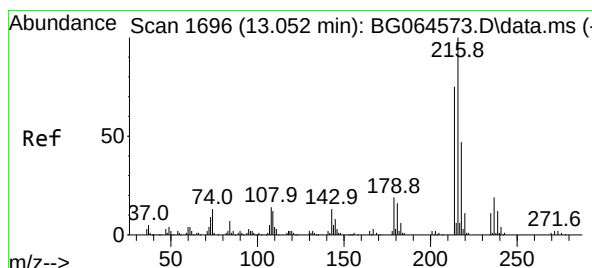
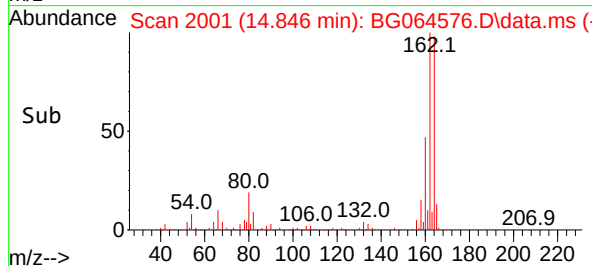
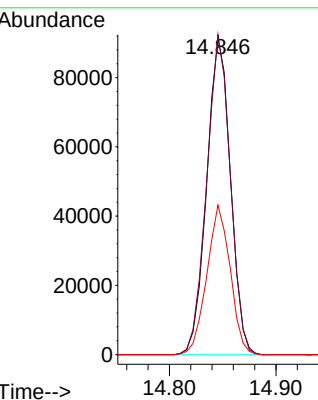
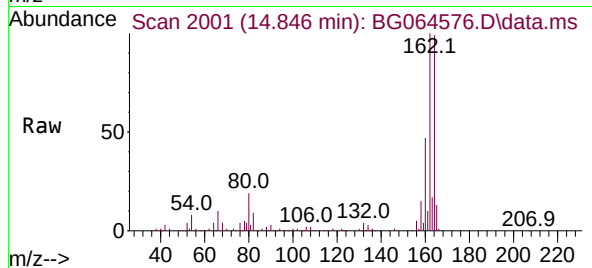
160 47.2 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.131 ng

RT: 13.054 min Scan# 1696

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:216 Resp: 224658

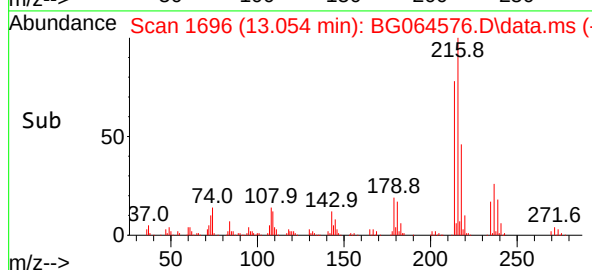
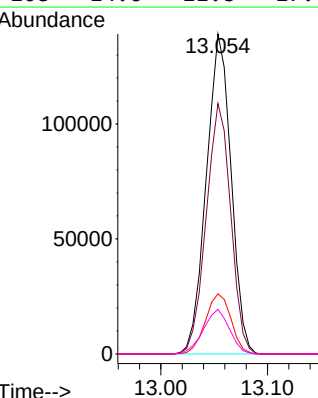
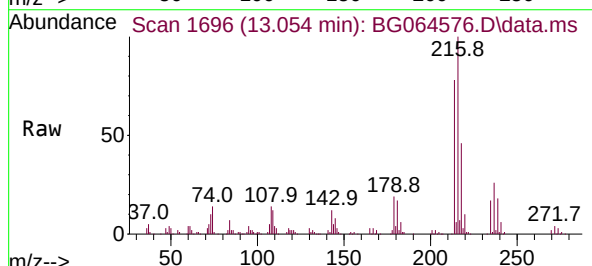
Ion Ratio Lower Upper

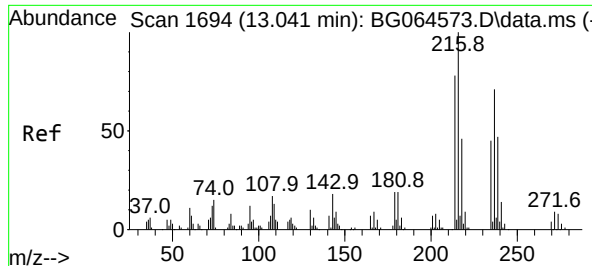
216 100

214 77.5 61.4 92.2

179 19.4 15.4 23.0

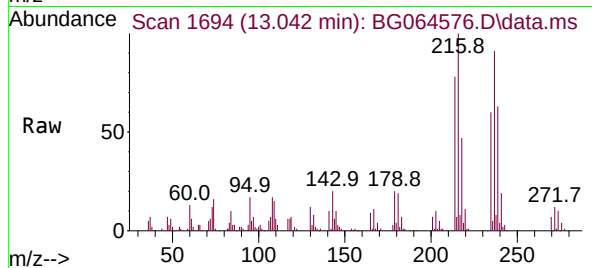
108 14.6 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 49.131 ng
RT: 13.042 min Scan# 10541
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

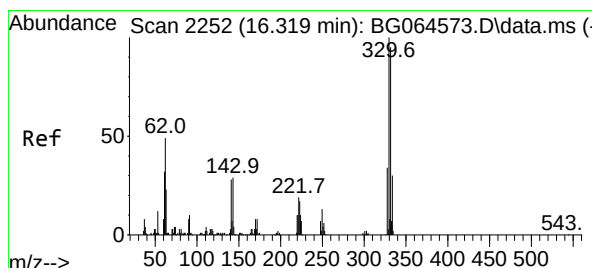
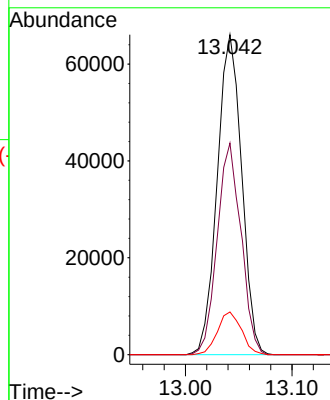
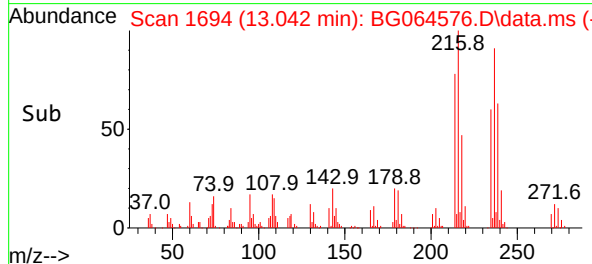
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



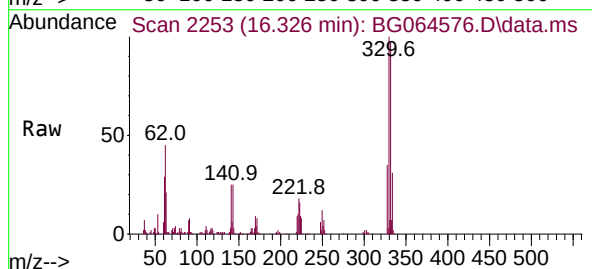
Tgt Ion:237 Resp: 10541
Ion Ratio Lower Upper
237 100
235 66.1 44.1 84.1
272 13.3 0.0 32.4

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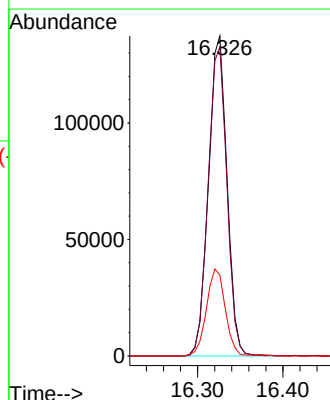
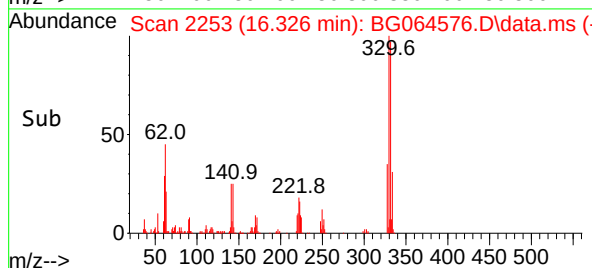
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

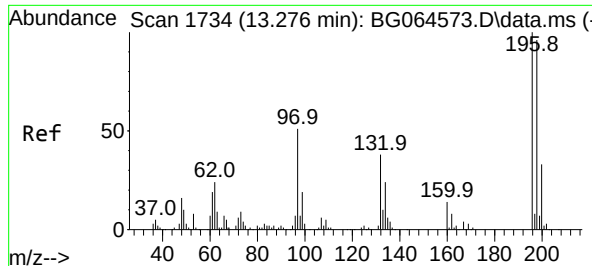


#42
2,4,6-Tribromophenol
Concen: 101.122 ng
RT: 16.326 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



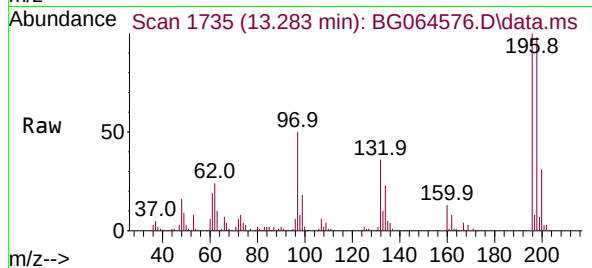
Tgt Ion:330 Resp: 207294
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.6 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 51.898 ng
RT: 13.283 min Scan# 1735
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

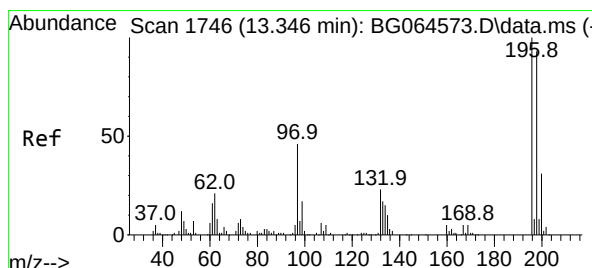
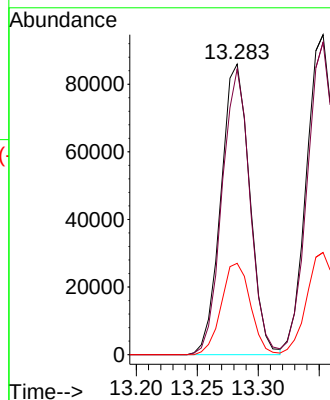
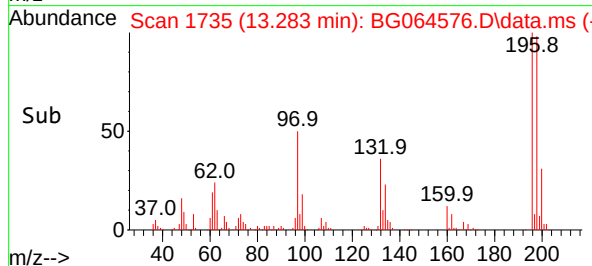
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 141505
Ion Ratio Lower Upper
196 100
198 98.3 76.6 115.0
200 31.4 26.0 39.0

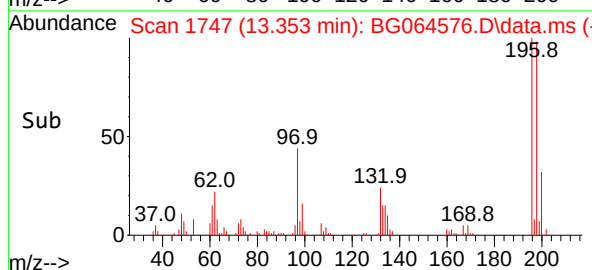
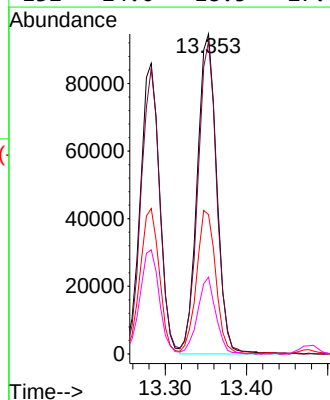
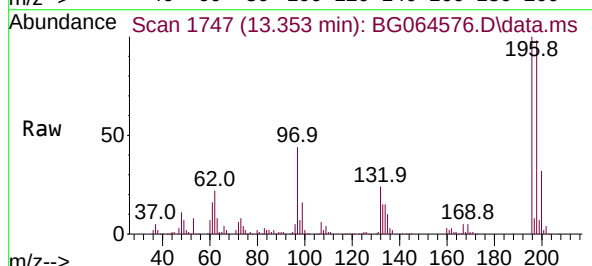
Manual Integrations
APPROVED

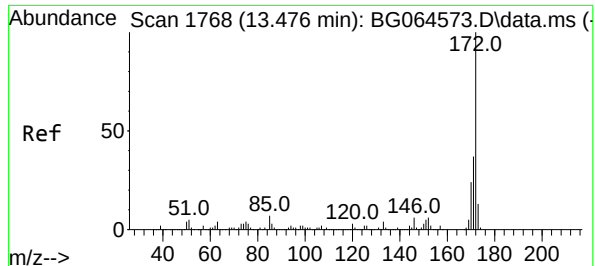
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 49.997 ng
RT: 13.353 min Scan# 1747
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

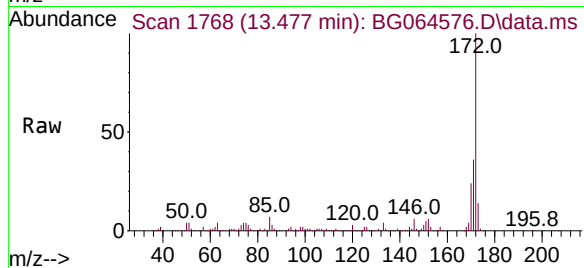
Tgt Ion:196 Resp: 157315
Ion Ratio Lower Upper
196 100
198 97.6 74.2 111.4
97 43.5 37.0 55.6
132 24.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 93.626 ng
RT: 13.477 min Scan# 1768
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

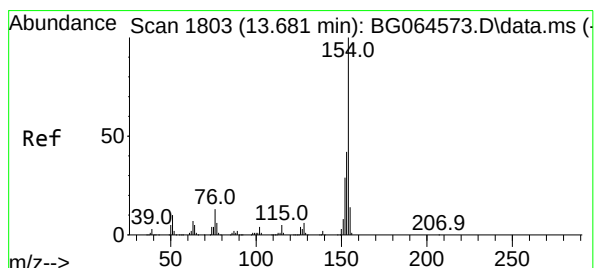
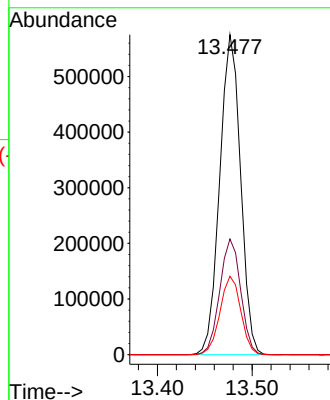
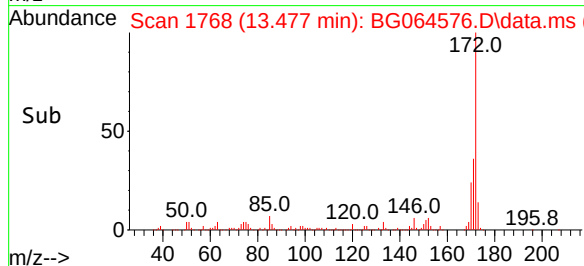
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



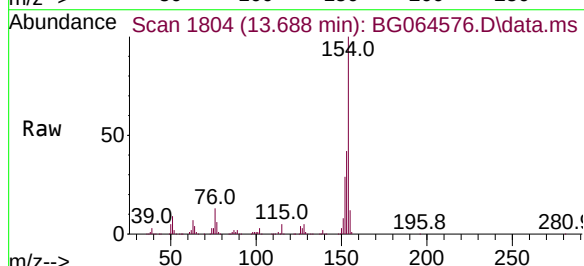
Tgt Ion:172 Resp: 877315
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.5 19.1 28.7

Manual Integrations
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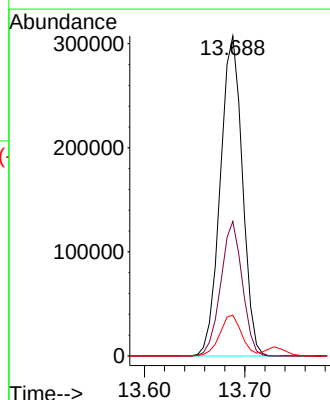
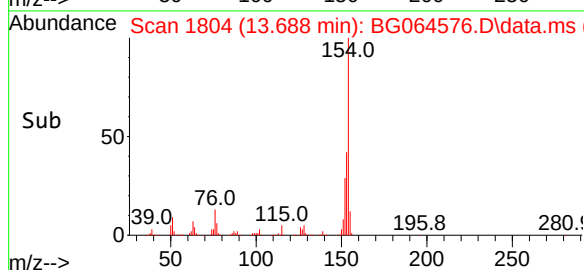
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

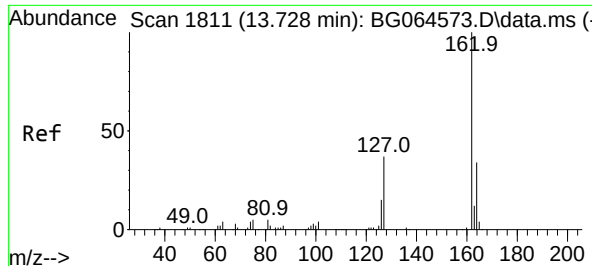


#46
1,1'-Biphenyl
Concen: 46.613 ng
RT: 13.688 min Scan# 1804
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



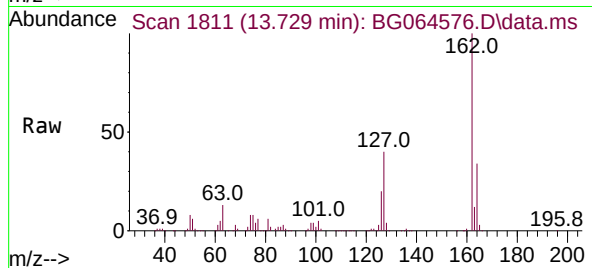
Tgt Ion:154 Resp: 470676
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 12.8 0.0 33.5





#47
2-Chloronaphthalene
Concen: 47.208 ng
RT: 13.729 min Scan# 1811
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

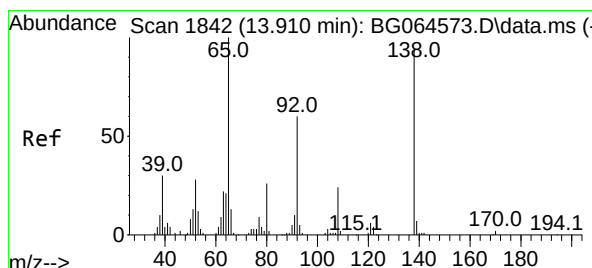
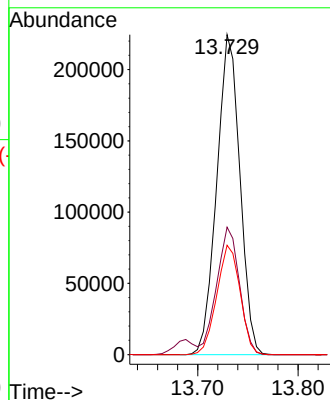
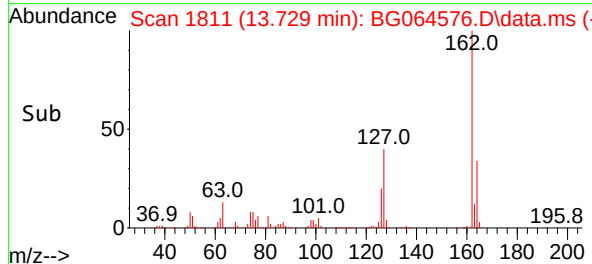
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



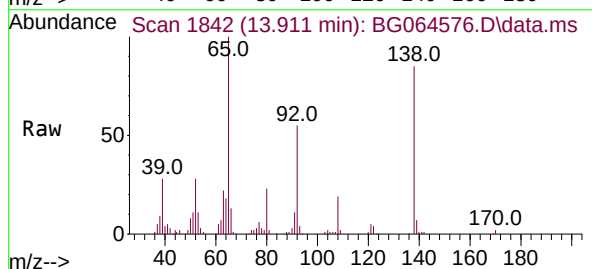
Tgt Ion:162 Resp: 359811
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 34.2 27.5 41.3

Manual Integrations
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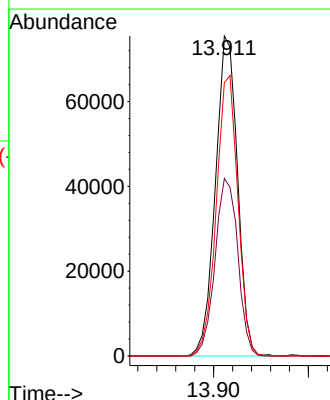
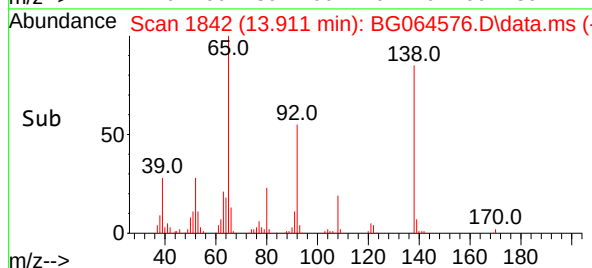
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

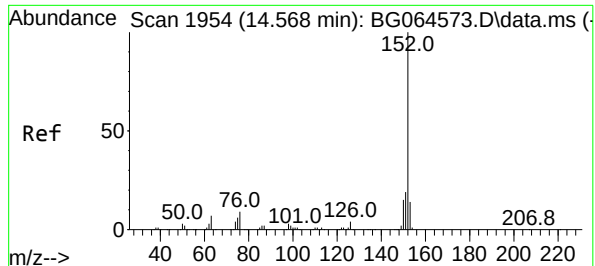


#48
2-Nitroaniline
Concen: 47.668 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion: 65 Resp: 121908
Ion Ratio Lower Upper
65 100
92 55.4 48.3 72.5
138 85.4 74.9 112.3





#49

Acenaphthylene

Concen: 47.060 ng

RT: 14.569 min Scan# 1954

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 56577

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2

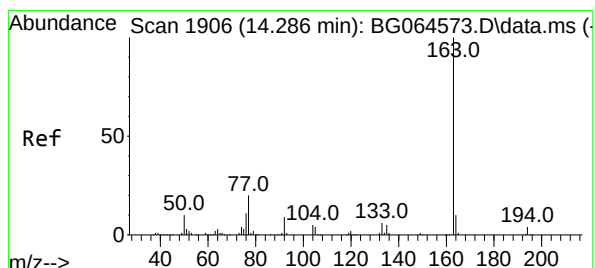
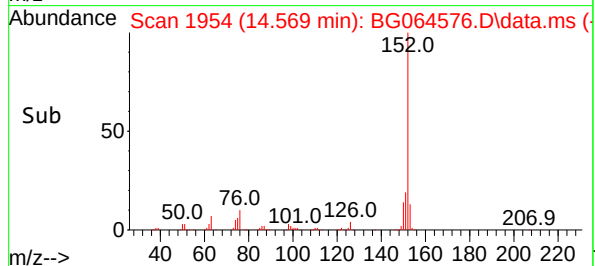
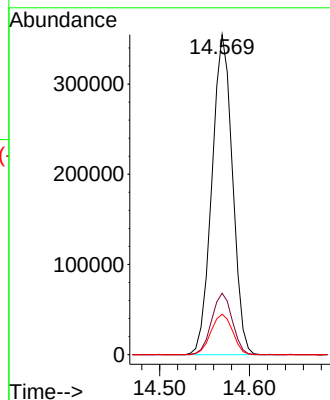
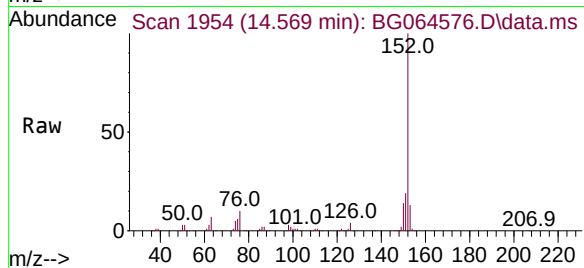
153 12.6 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 47.781 ng

RT: 14.293 min Scan# 1907

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

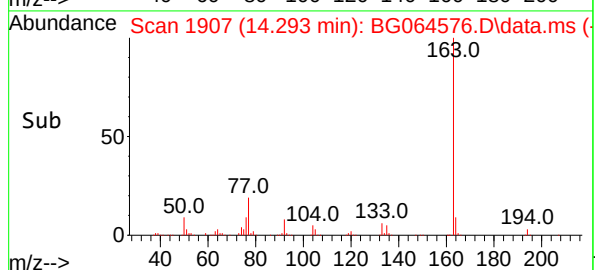
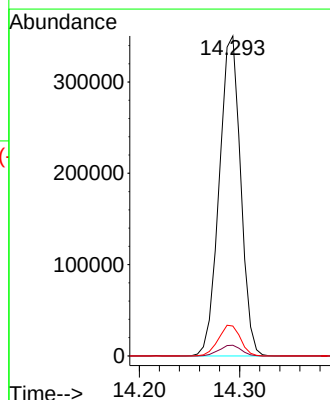
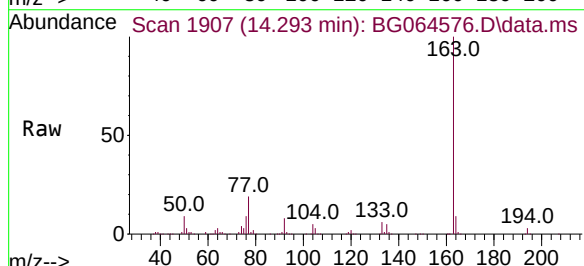
Tgt Ion:163 Resp: 519303

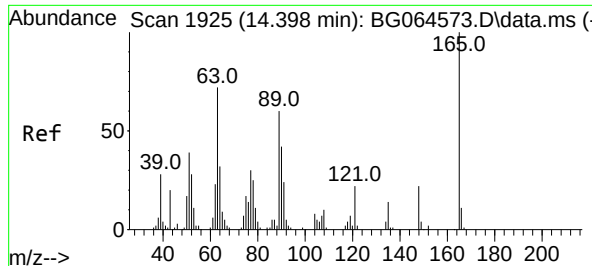
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

164 9.3 7.7 11.5





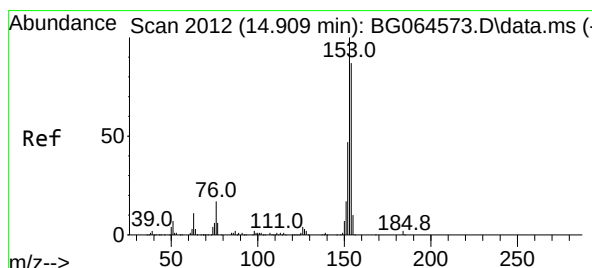
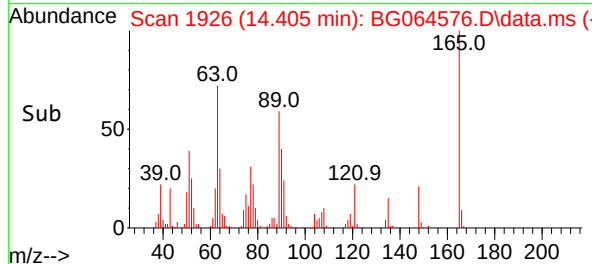
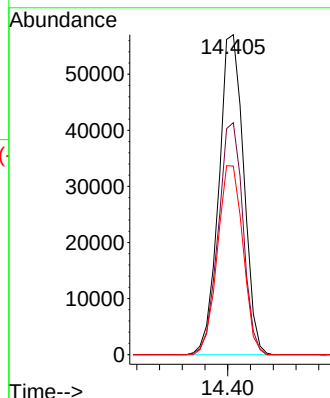
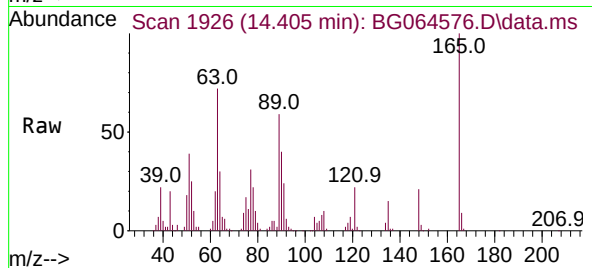
#51
2,6-Dinitrotoluene
Concen: 48.306 ng
RT: 14.405 min Scan# 1925
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 86665
Ion Ratio Lower Upper
165 100
63 72.5 57.4 86.0
89 58.9 47.8 71.8

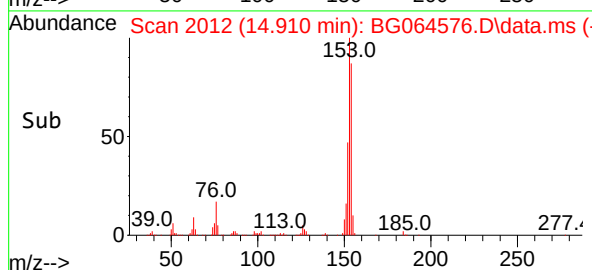
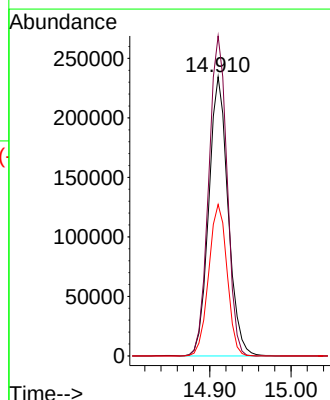
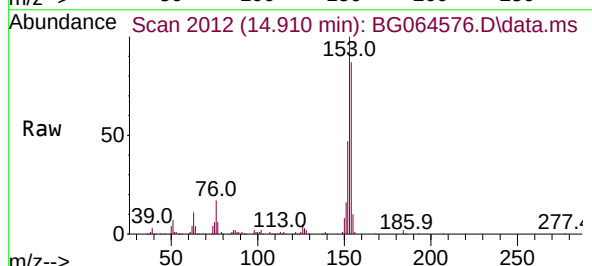
Manual Integrations
APPROVED

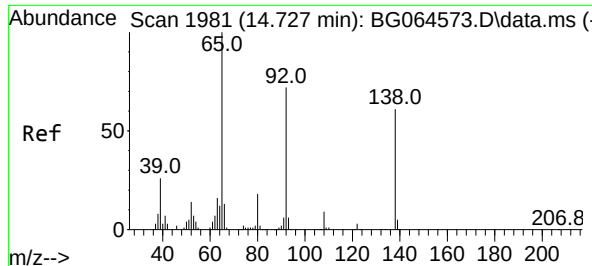
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 47.239 ng
RT: 14.910 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:154 Resp: 388012
Ion Ratio Lower Upper
154 100
153 114.6 92.2 138.4
152 54.3 43.2 64.8





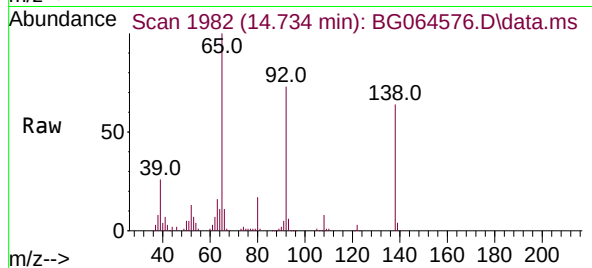
#53
3-Nitroaniline
Concen: 53.405 ng
RT: 14.734 min Scan# 1981
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

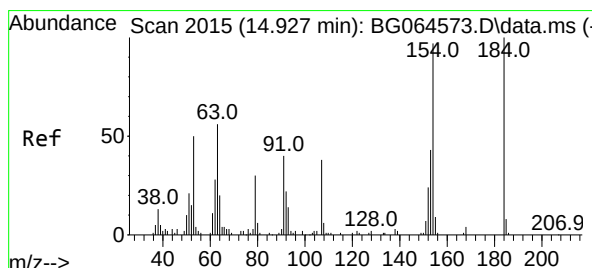
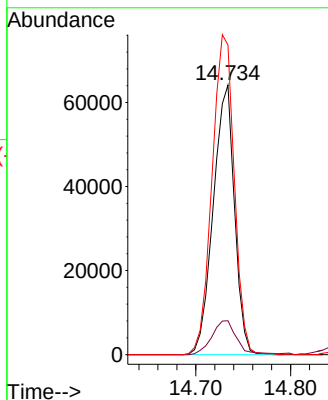
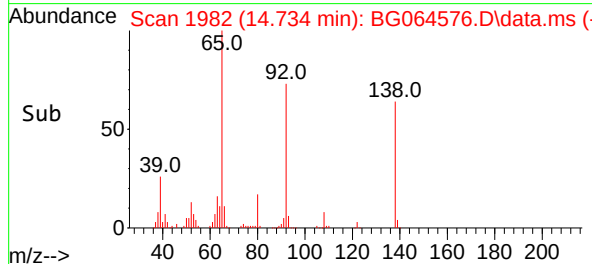
SSTDICC050



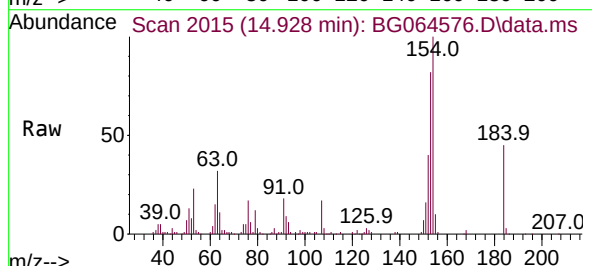
Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	11.4	17.0
92	114.8	95.3	142.9

Manual Integrations
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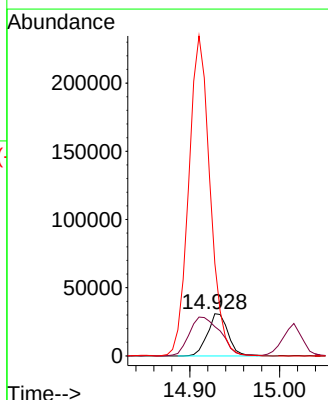
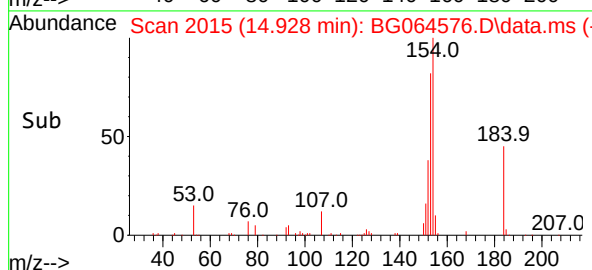
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

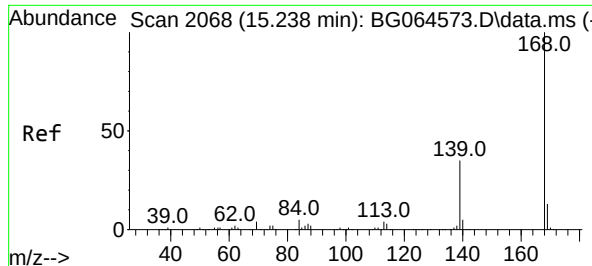


#54
2,4-Dinitrophenol
Concen: 47.268 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



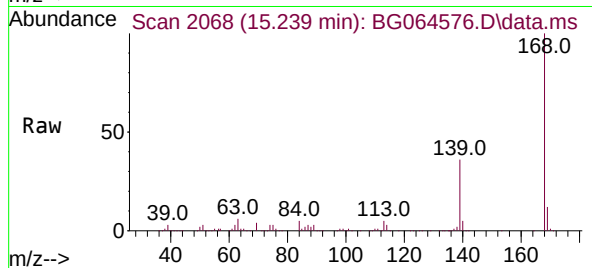
Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	56.6	85.0
154	219.8	158.6	238.0





#55
Dibenzofuran
Concen: 46.355 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

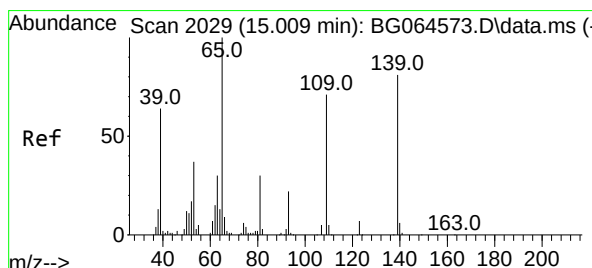
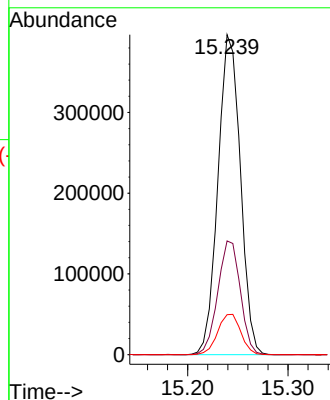
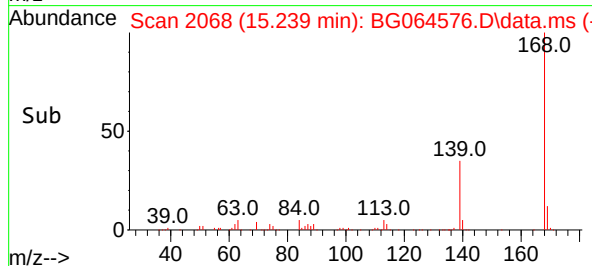
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 61555
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.5 10.3 15.5

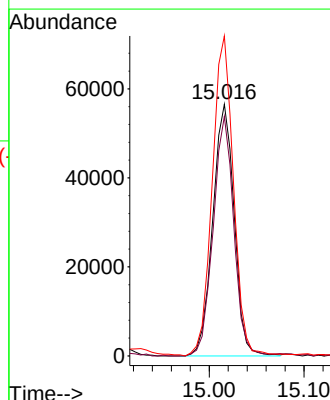
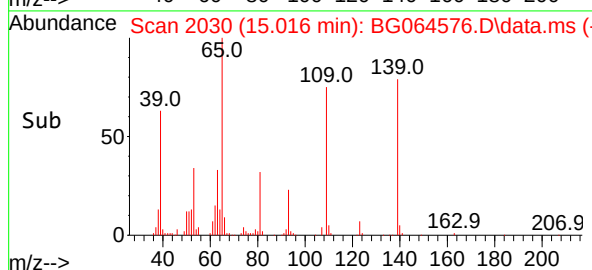
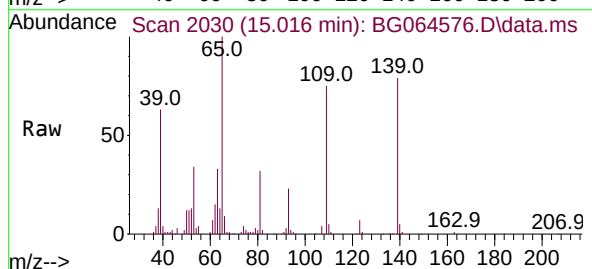
Manual Integrations
APPROVED

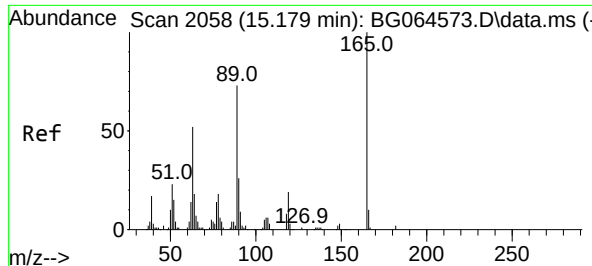
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 51.169 ng
RT: 15.016 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

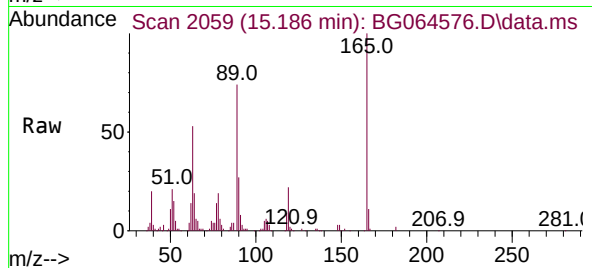
Tgt Ion:139 Resp: 88609
Ion Ratio Lower Upper
139 100
109 95.2 67.8 107.8
65 127.2 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 47.759 ng
RT: 15.186 min Scan# 2058
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

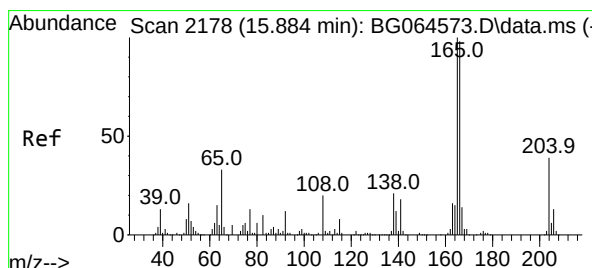
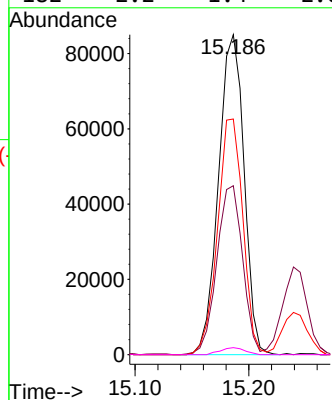
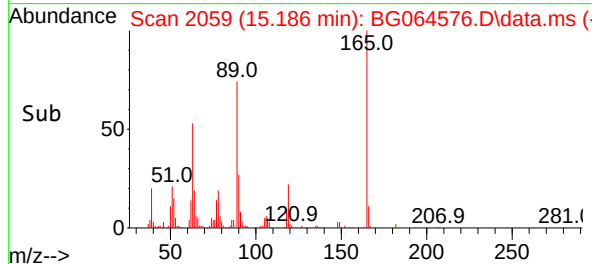
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 132374
Ion Ratio Lower Upper
165 100
63 52.8 41.8 62.8
89 73.6 58.1 87.1
182 2.2 1.4 2.0#

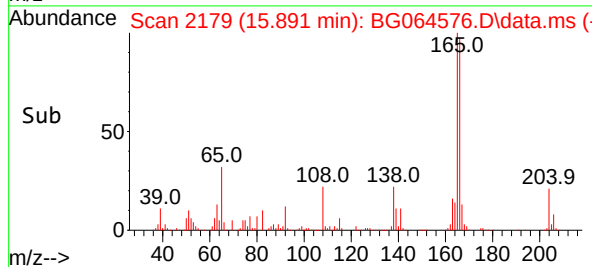
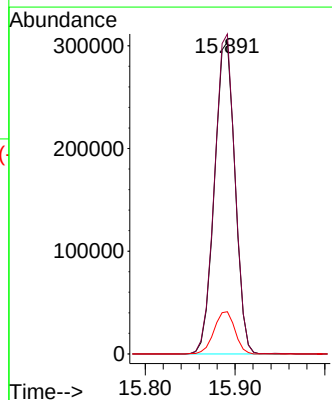
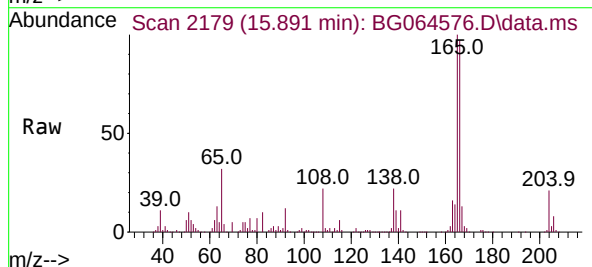
Manual Integrations
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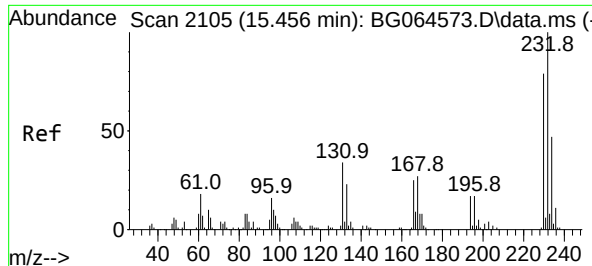
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 46.441 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

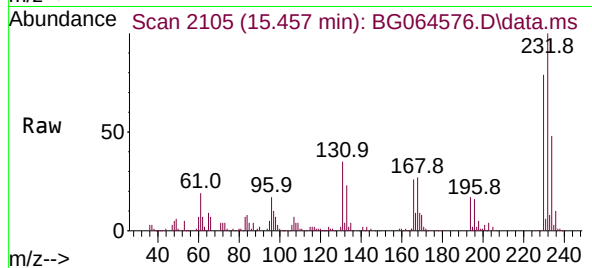
Tgt Ion:166 Resp: 481625
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 15.457 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

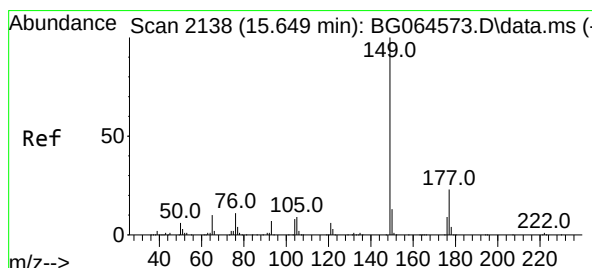
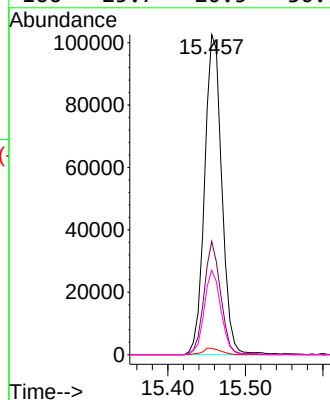
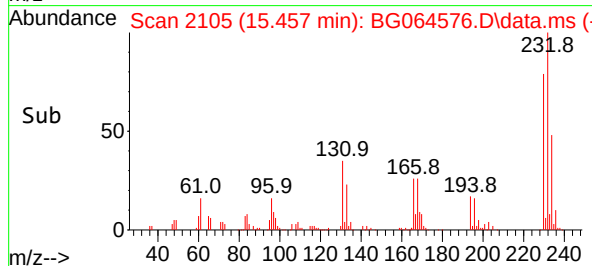
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



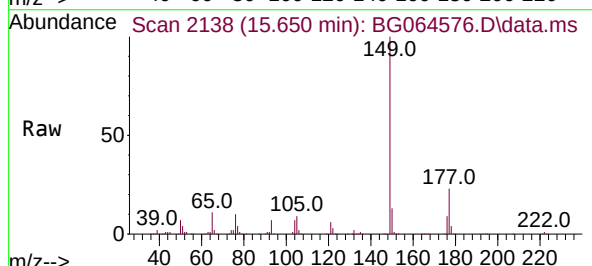
Tgt Ion:232 Resp: 157783
Ion Ratio Lower Upper
232 100
131 33.9 26.7 40.1
130 2.1 1.6 2.4
166 25.7 20.5 30.7

Manual Integrations
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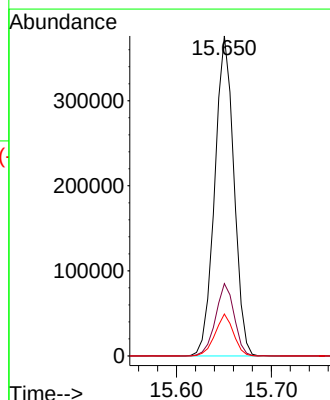
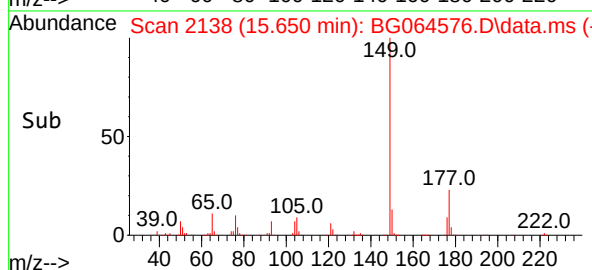
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

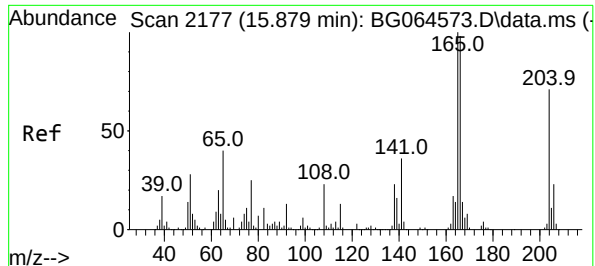


#60
Diethylphthalate
Concen: 47.543 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



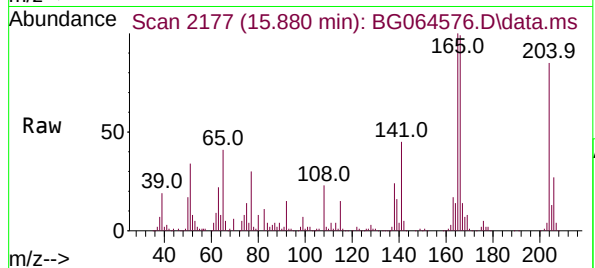
Tgt Ion:149 Resp: 527594
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.576 ng
RT: 15.880 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

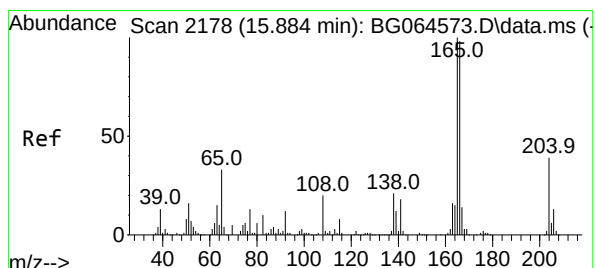
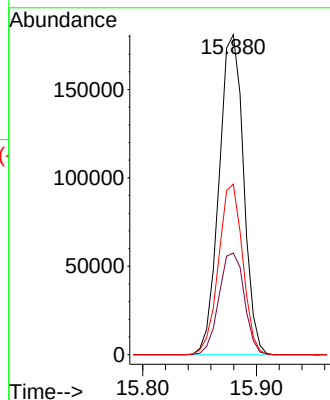
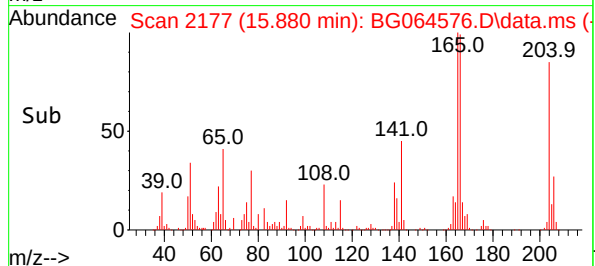
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 271068
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 53.3 40.6 60.8

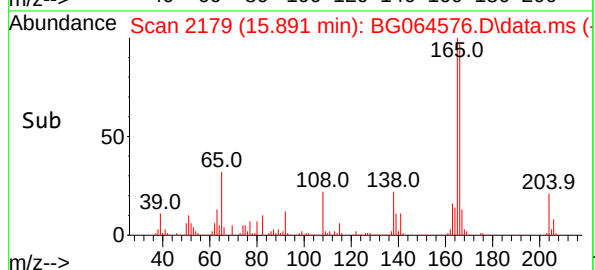
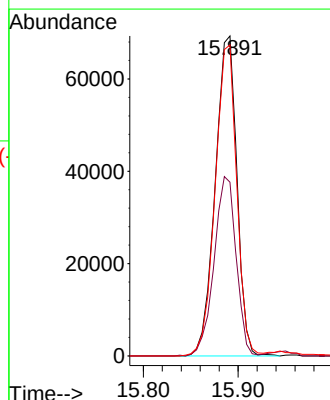
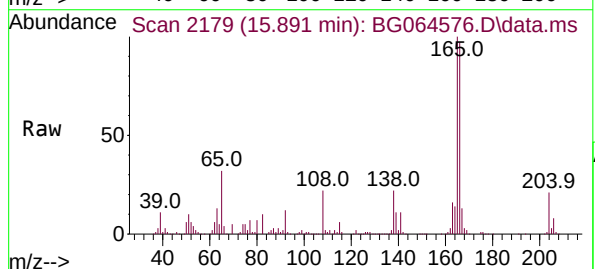
Manual Integrations
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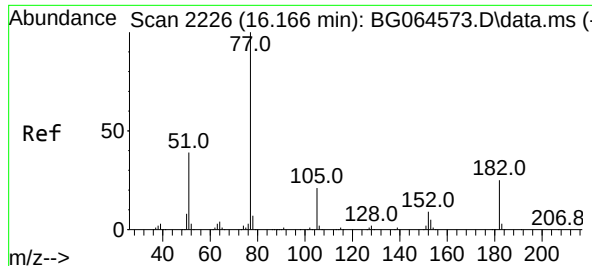
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 52.970 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

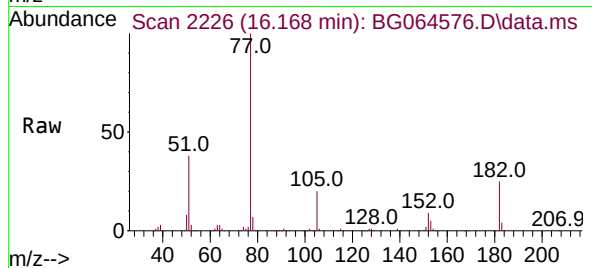
Tgt Ion:138 Resp: 110067
Ion Ratio Lower Upper
138 100
92 54.3 36.1 76.1
108 97.2 75.6 115.6





#63
Azobenzene
Concen: 46.671 ng
RT: 16.168 min Scan# 2226
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

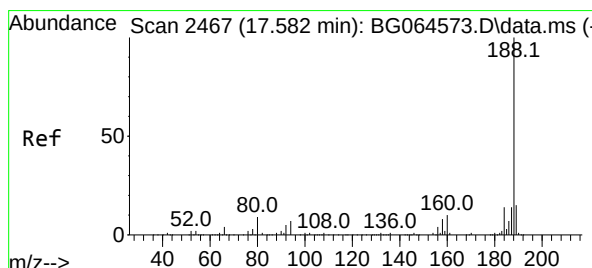
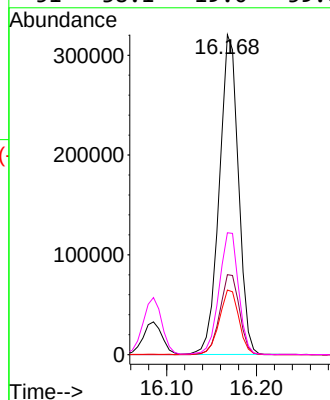
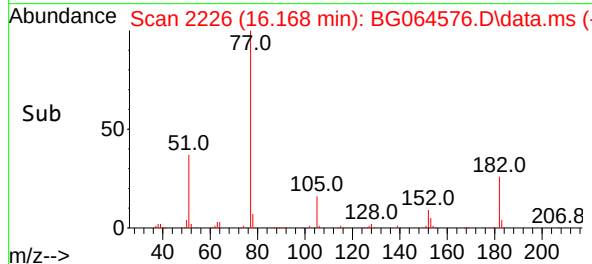
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 475203
Ion Ratio Lower Upper
77 100
182 25.0 4.9 44.9
105 20.2 1.3 41.3
51 38.1 19.0 59.0

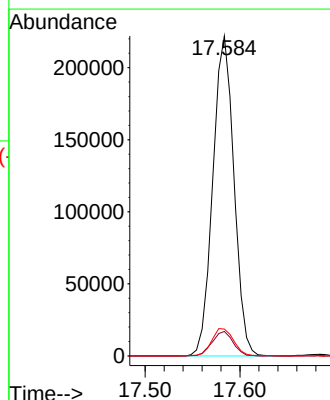
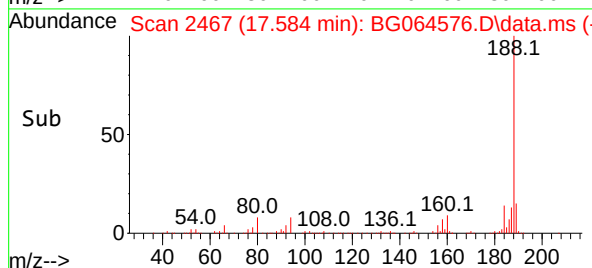
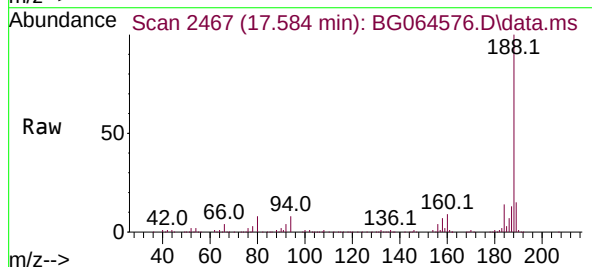
Manual Integrations
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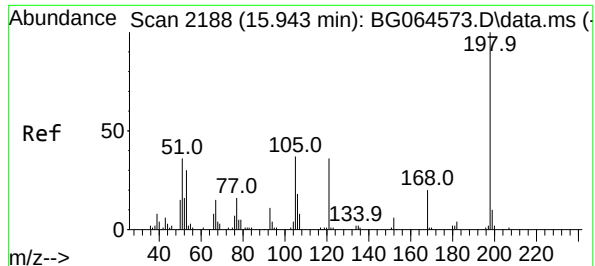
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2467
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

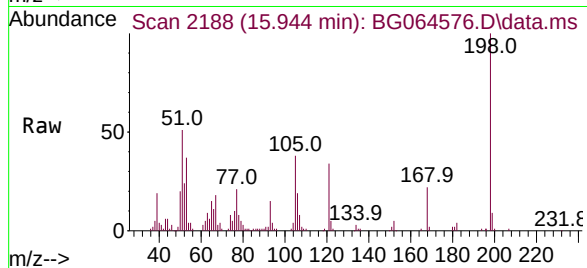
Tgt Ion:188 Resp: 343365
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.500 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

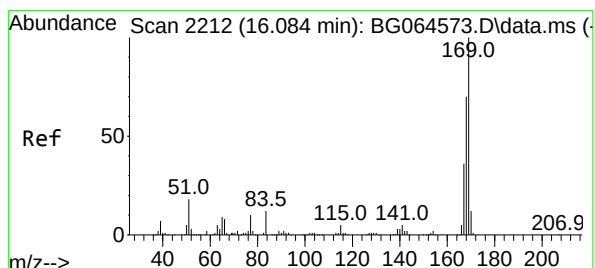
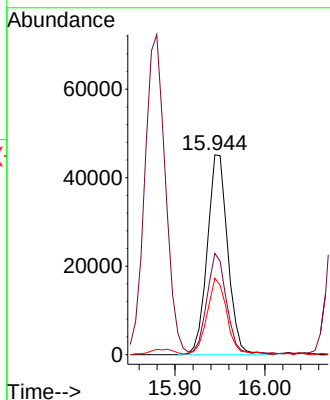
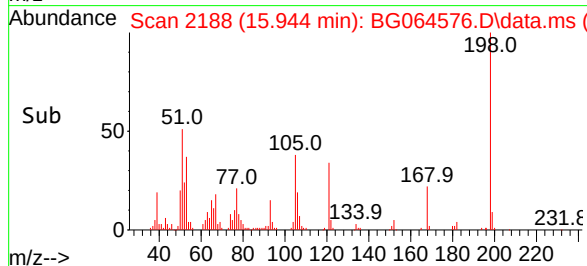
Instrument :
BNA_G
ClientSampleId :
SSTDIC050



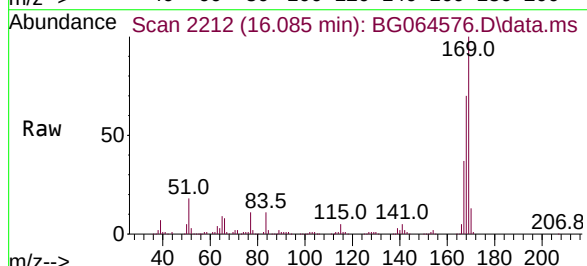
Tgt Ion:198 Resp: 71672
Ion Ratio Lower Upper
198 100
51 50.7 24.7 64.7
105 38.3 18.0 58.0

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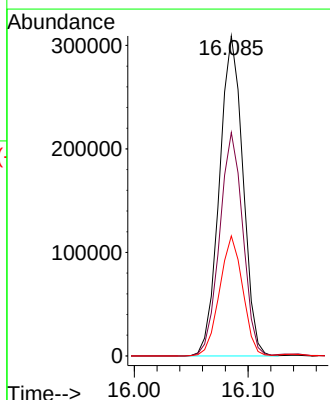
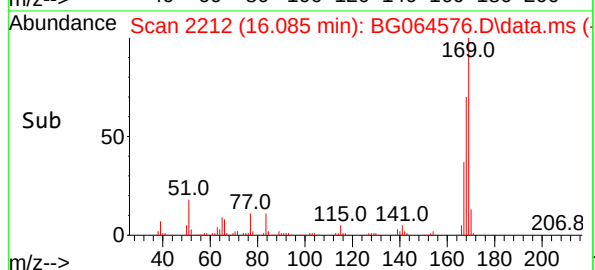
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

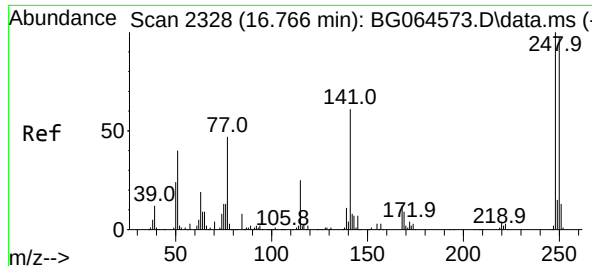


#66
n-Nitrosodiphenylamine
Concen: 47.959 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:169 Resp: 444824
Ion Ratio Lower Upper
169 100
168 69.8 56.3 84.5
167 37.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.225 ng
RT: 16.773 min Scan# 2328
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

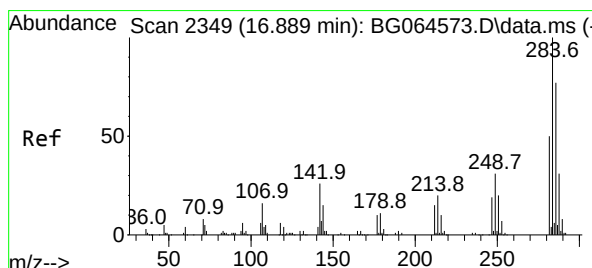
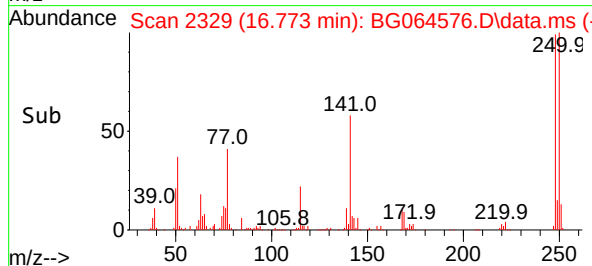
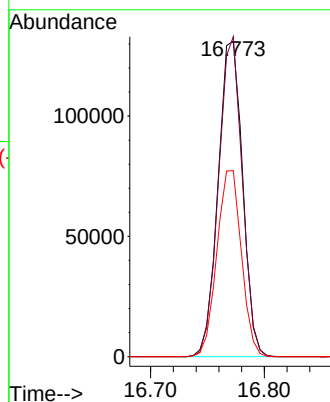
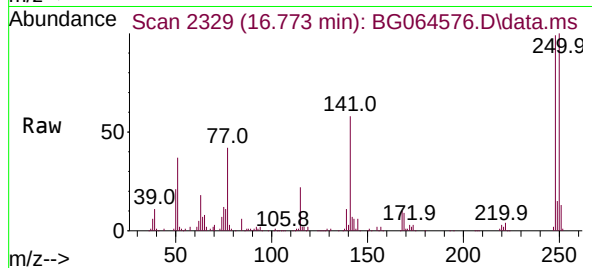
ClientSampleId :

SSTDICC050

Tgt Ion:248 Resp: 196226
Ion Ratio Lower Upper
248 100
250 101.5 77.7 116.5
141 59.0 48.6 72.8

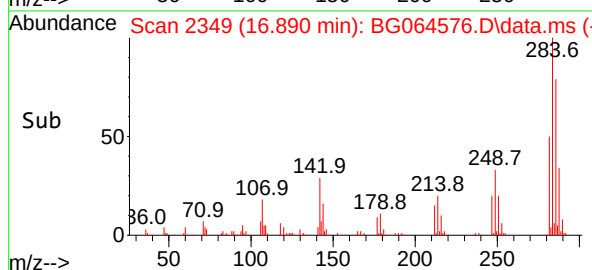
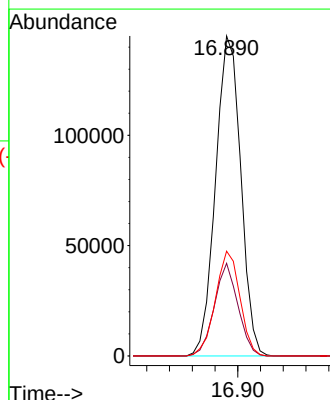
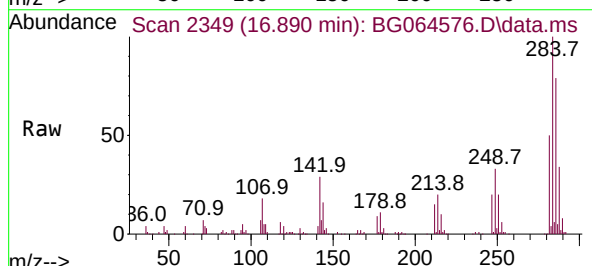
Manual Integrations
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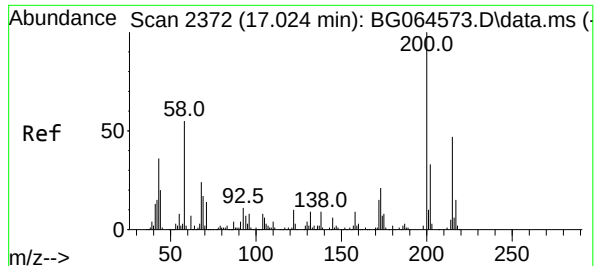
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 48.043 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:284 Resp: 223018
Ion Ratio Lower Upper
284 100
142 28.9 21.0 31.6
249 35.3 24.9 37.3





#69

Atrazine

Concen: 47.066 ng

RT: 17.025 min Scan# 2372

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 187862

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

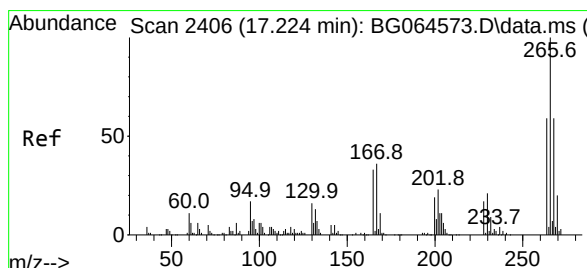
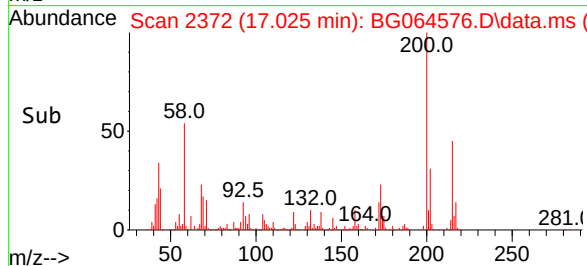
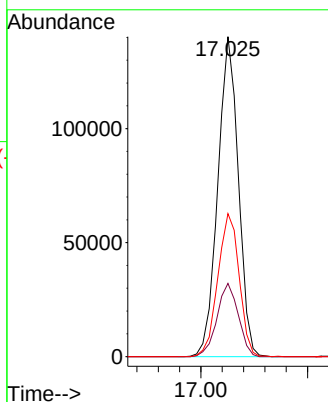
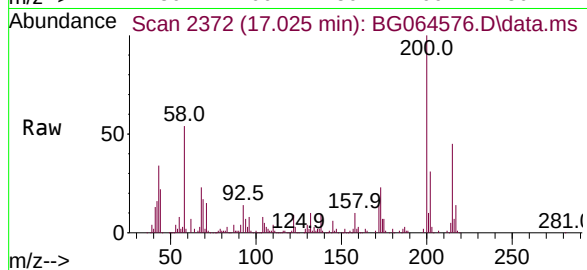
215 44.7 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 50.930 ng

RT: 17.225 min Scan# 2406

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

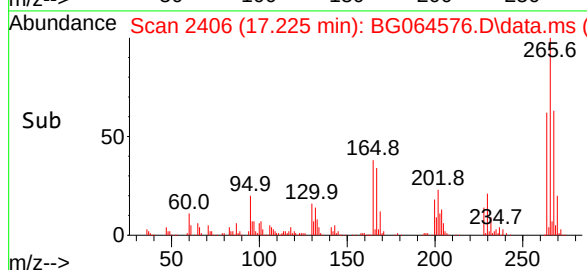
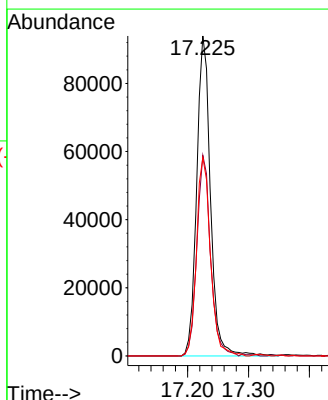
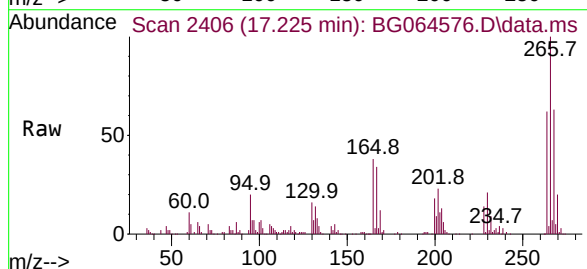
Tgt Ion:266 Resp: 147427

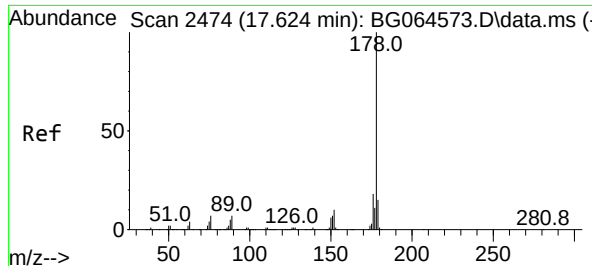
Ion Ratio Lower Upper

266 100

268 67.9 50.3 75.5

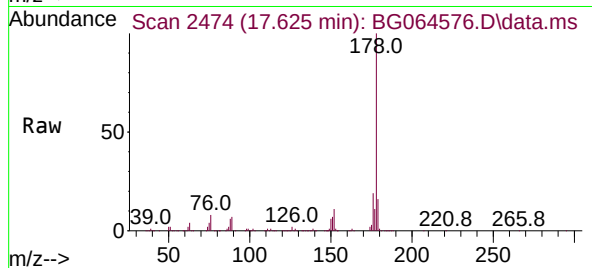
264 62.0 47.3 70.9





#71
Phenanthrene
Concen: 46.621 ng
RT: 17.625 min Scan# 2474
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

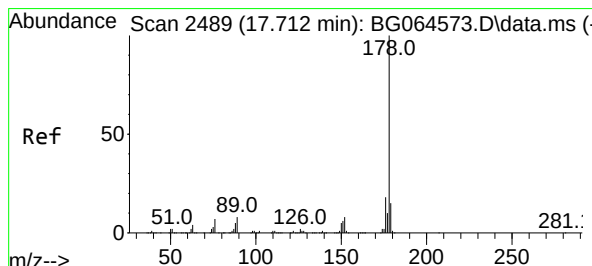
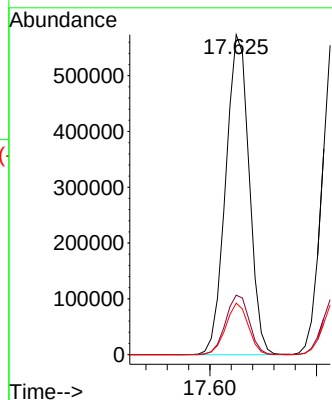
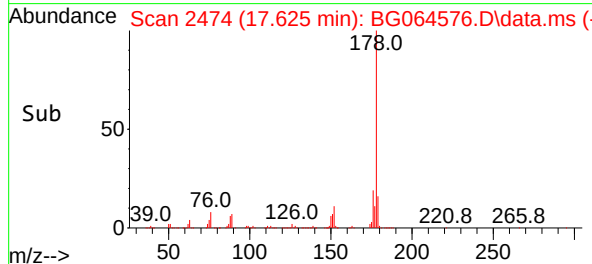
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



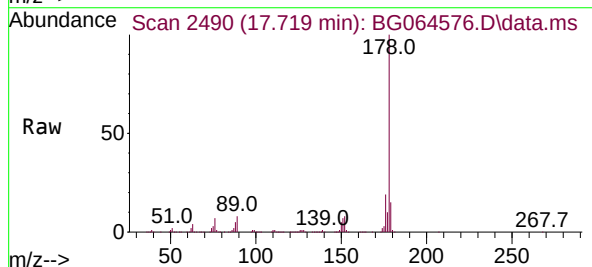
Tgt Ion:178 Resp: 875415
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.1 12.2 18.4

Manual Integrations
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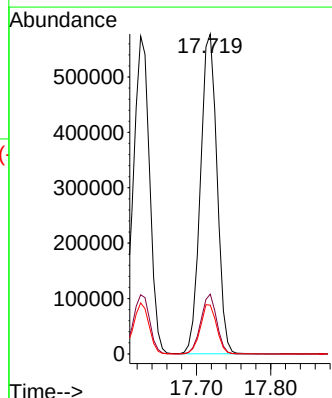
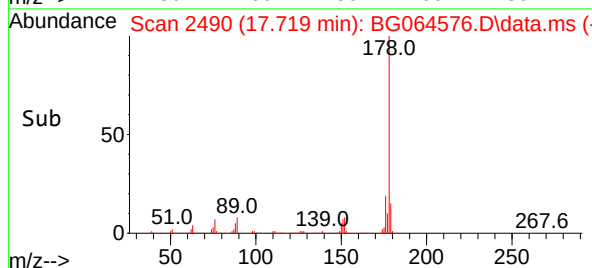
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

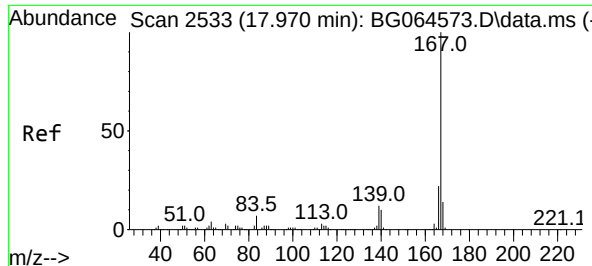


#72
Anthracene
Concen: 46.785 ng
RT: 17.719 min Scan# 2490
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



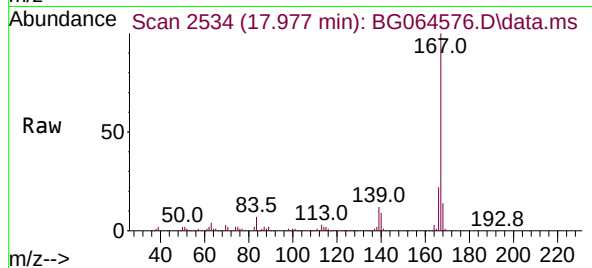
Tgt Ion:178 Resp: 893629
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 15.2 12.4 18.6





#73
Carbazole
Concen: 46.370 ng
RT: 17.977 min Scan# 2534
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

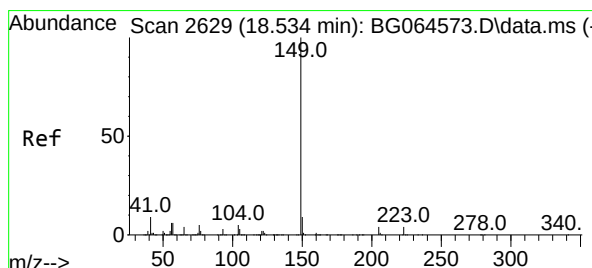
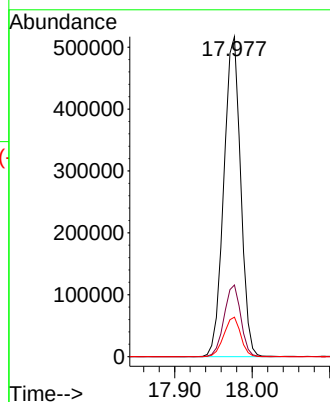
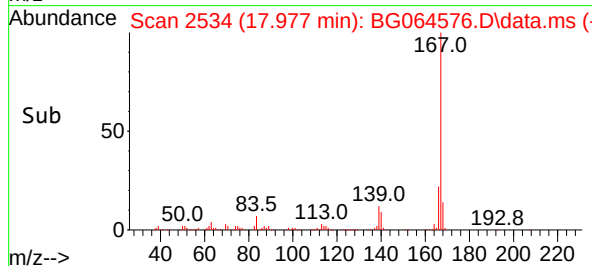
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 781033
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.3 9.7 14.5

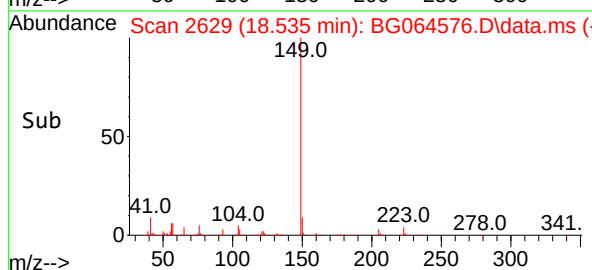
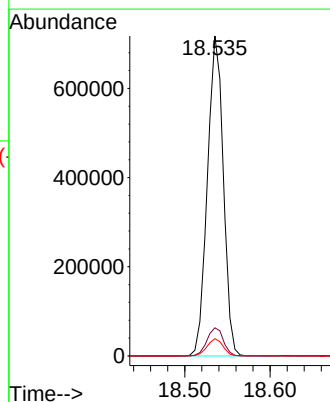
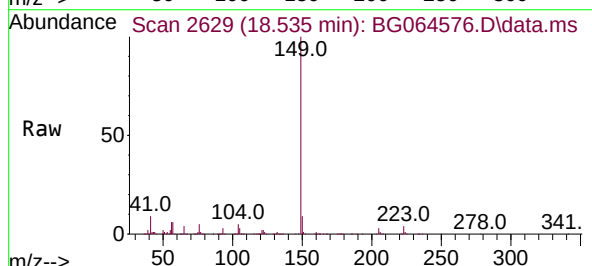
Manual Integrations
APPROVED

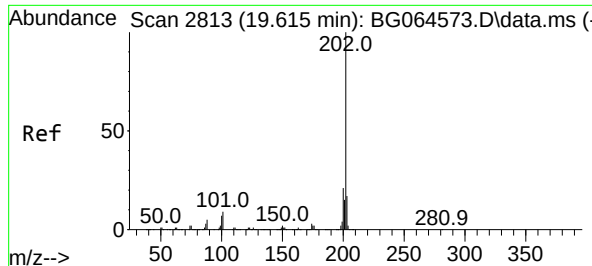
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 47.762 ng
RT: 18.535 min Scan# 2629
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

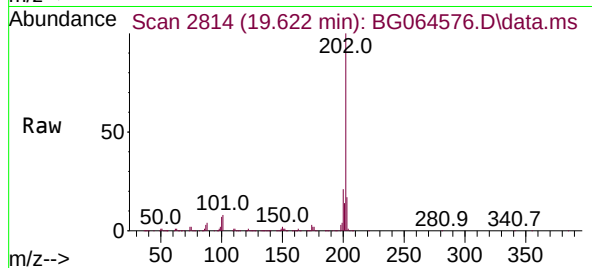
Tgt Ion:149 Resp: 930281
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 46.459 ng
RT: 19.622 min Scan# 2813
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

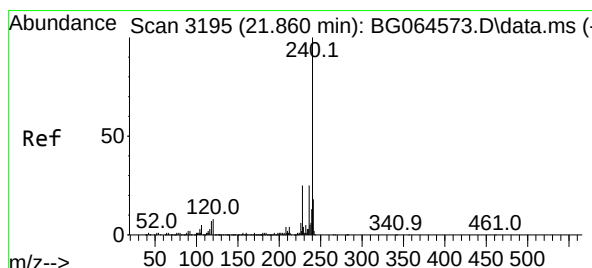
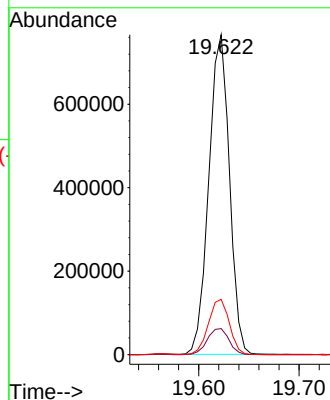
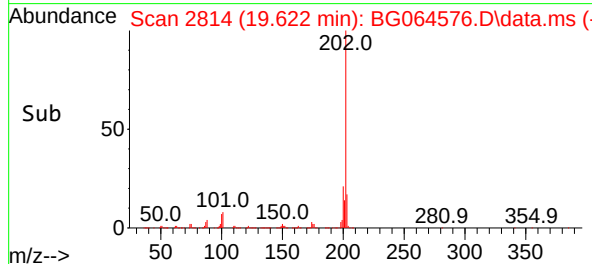
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1092855
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.3 0.0 37.0

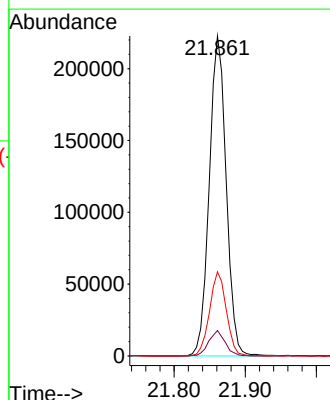
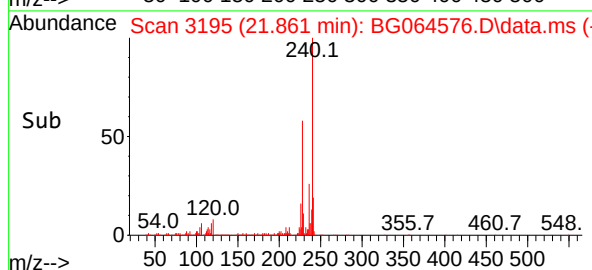
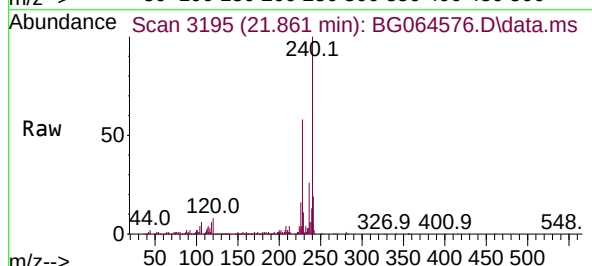
Manual Integrations
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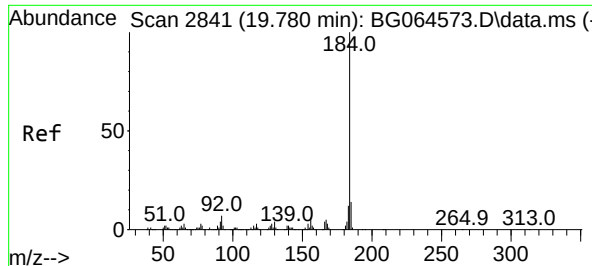
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3195
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

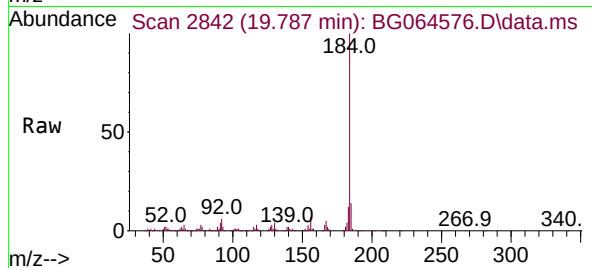
Tgt Ion:240 Resp: 367592
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.3 20.2 30.2





#77
Benzidine
Concen: 46.435 ng
RT: 19.787 min Scan# 2841
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

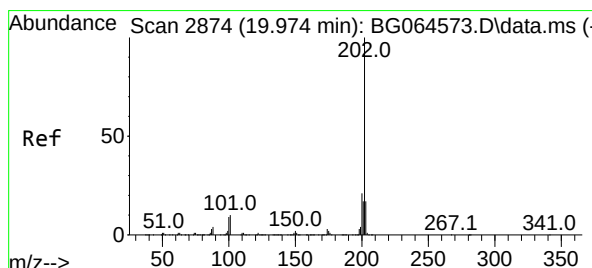
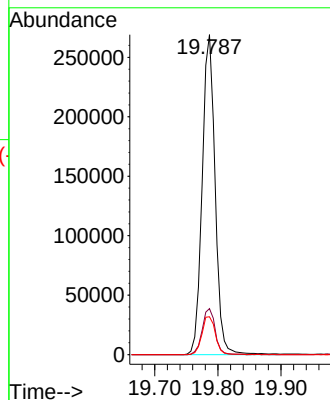
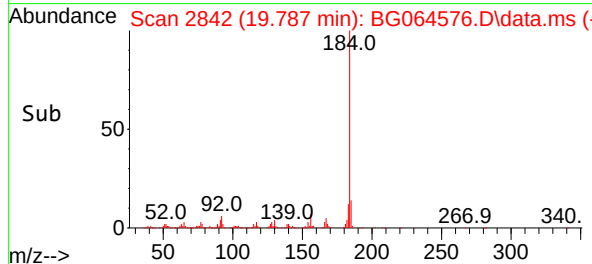
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 382418
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.8 9.4 14.2

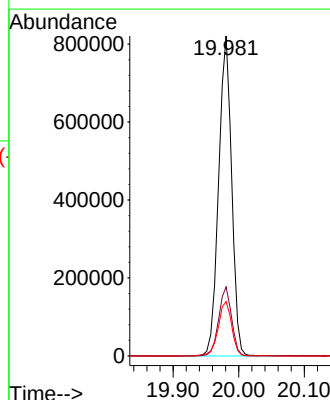
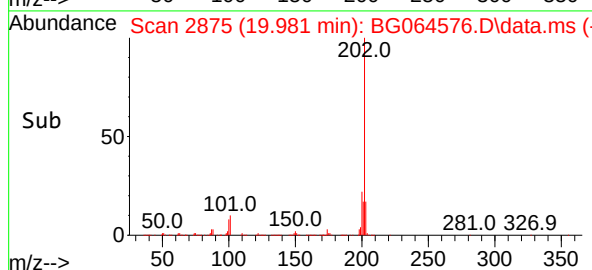
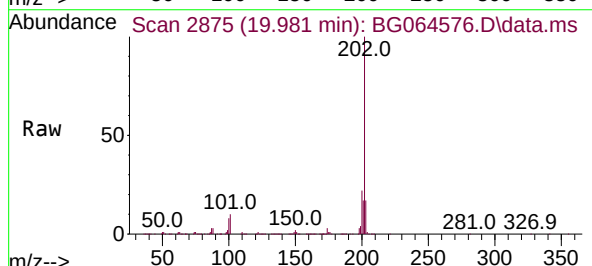
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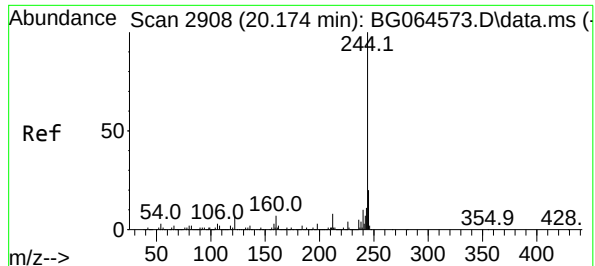
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 47.190 ng
RT: 19.981 min Scan# 2875
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

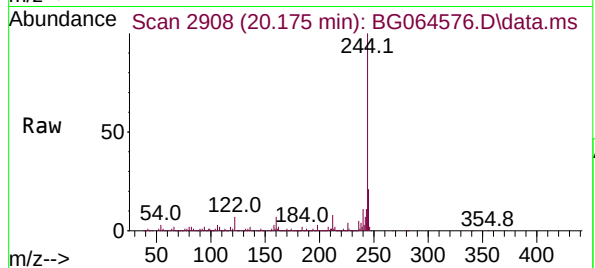
Tgt Ion:202 Resp: 1133345
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.0 13.8 20.6





#79
Terphenyl-d14
Concen: 93.162 ng
RT: 20.175 min Scan# 2908
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

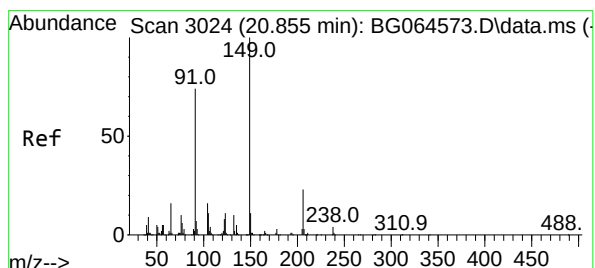
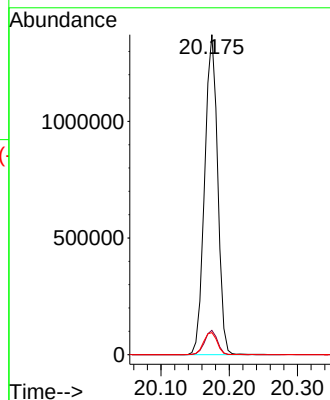
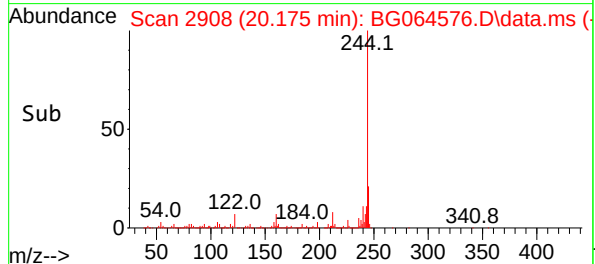
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



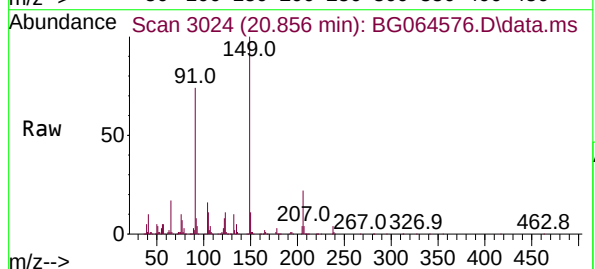
Tgt Ion:244 Resp: 1814661
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 6.9 5.6 8.4

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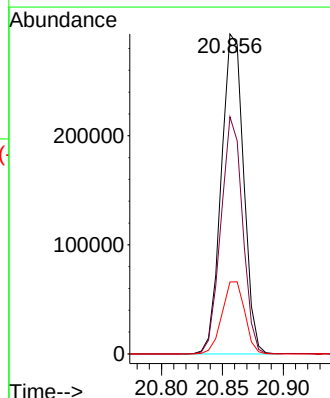
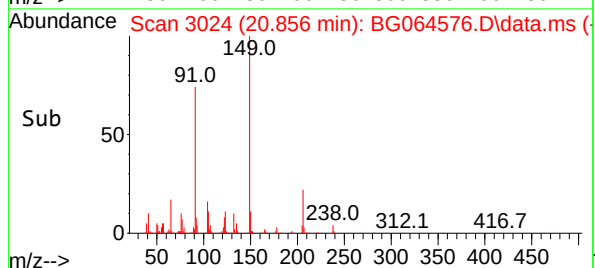
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

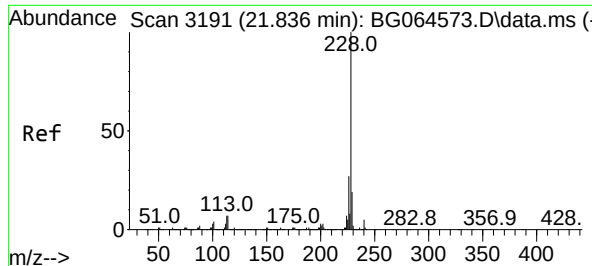


#80
Butylbenzylphthalate
Concen: 51.609 ng
RT: 20.856 min Scan# 3024
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



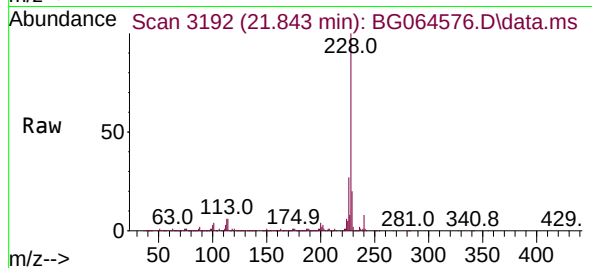
Tgt Ion:149 Resp: 374611
Ion Ratio Lower Upper
149 100
91 74.1 59.2 88.8
206 22.5 18.1 27.1





#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.843 min Scan# 3191
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

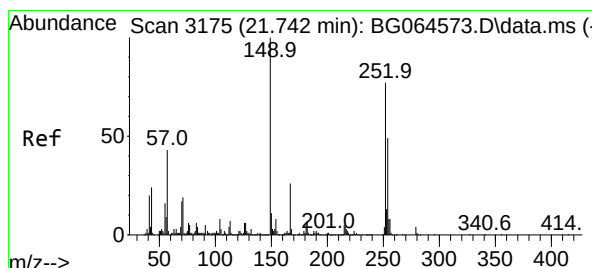
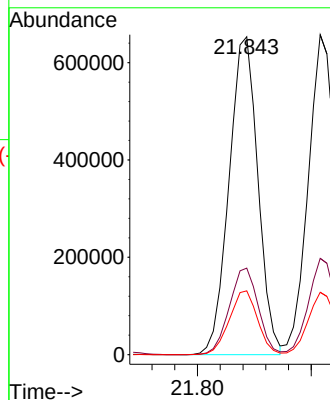
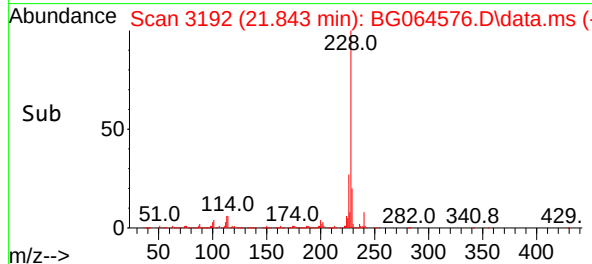
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 115124
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.1 15.6 23.4

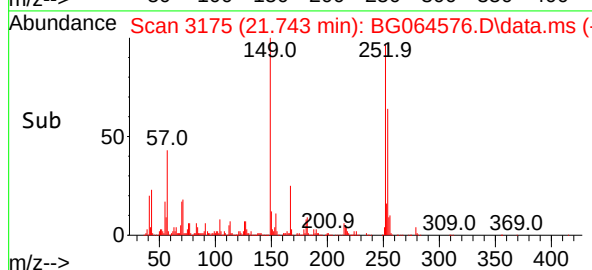
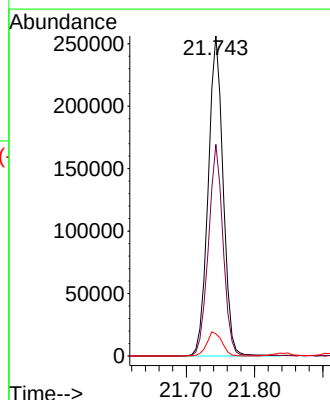
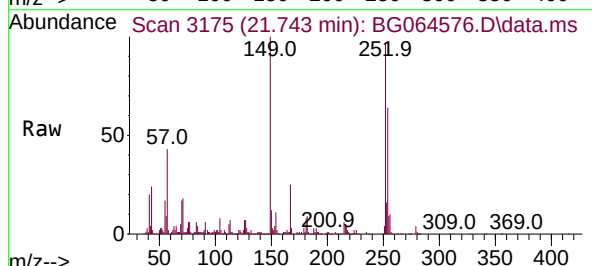
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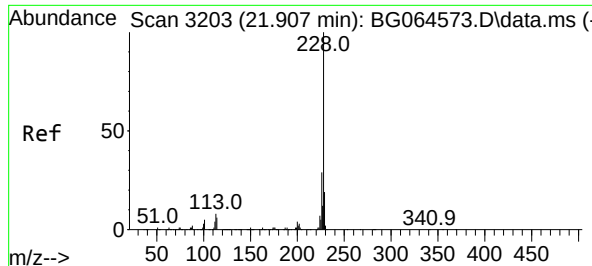
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.824 ng
RT: 21.743 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 389240
Ion Ratio Lower Upper
252 100
254 66.1 50.8 76.2
126 6.9 5.8 8.6





#83

Chrysene

Concen: 47.062 ng

RT: 21.908 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 1091456

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

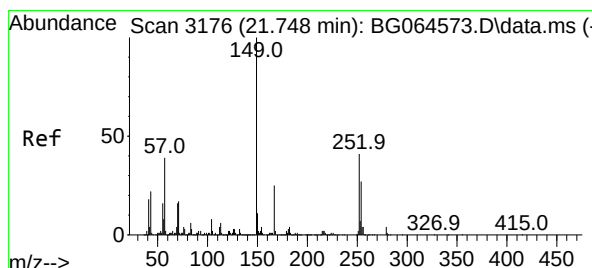
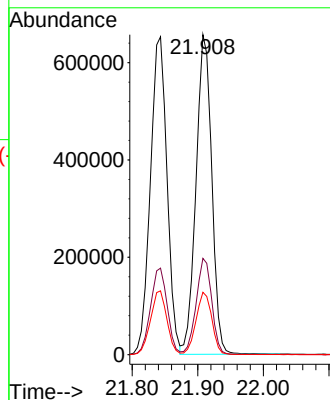
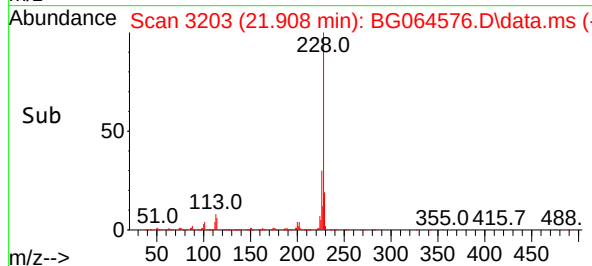
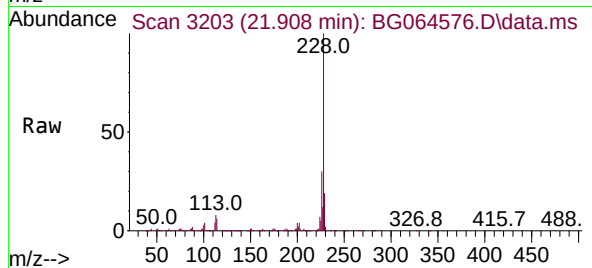
229 19.5 15.2 22.8

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.576 ng

RT: 21.749 min Scan# 3176

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

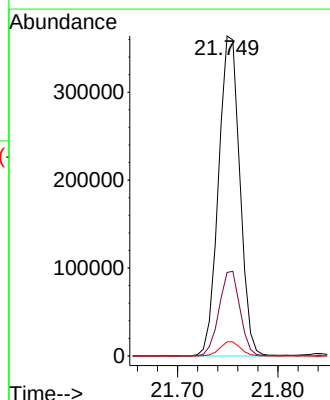
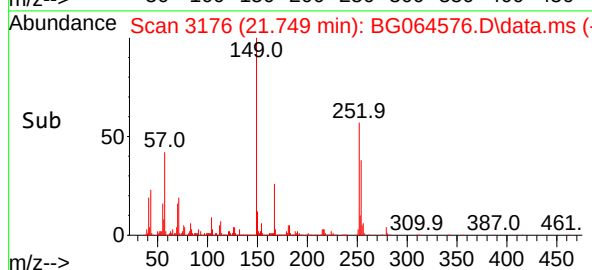
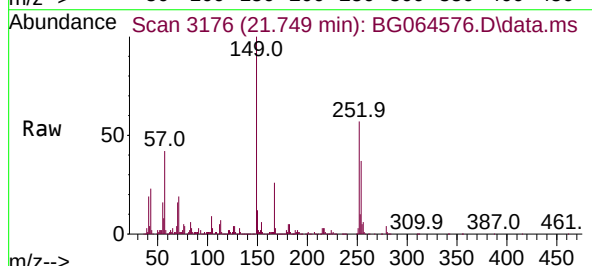
Tgt Ion:149 Resp: 537716

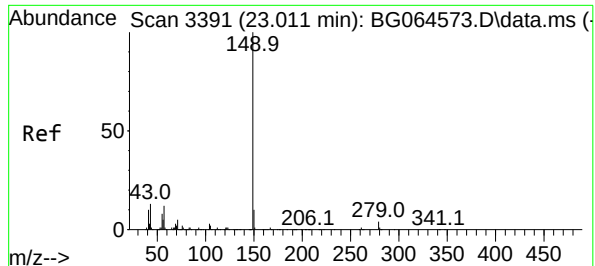
Ion Ratio Lower Upper

149 100

167 26.1 20.0 30.0

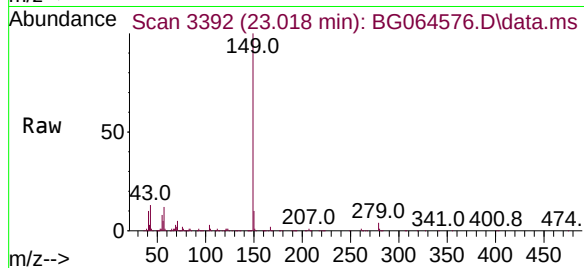
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 23.018 min Scan# 3391
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

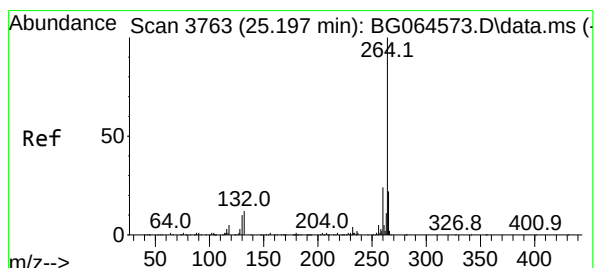
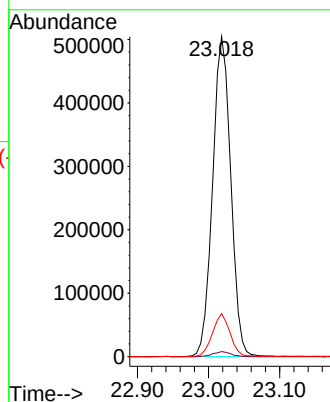
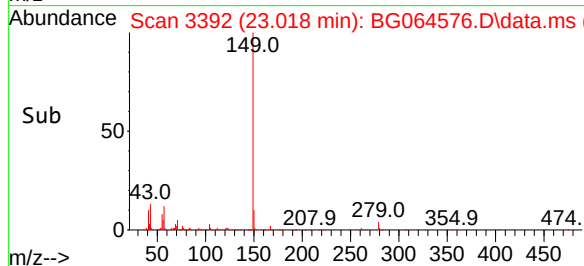
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



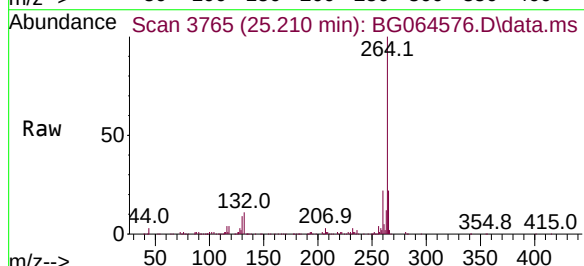
Tgt Ion:149 Resp: 896763
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.1 10.8 16.2

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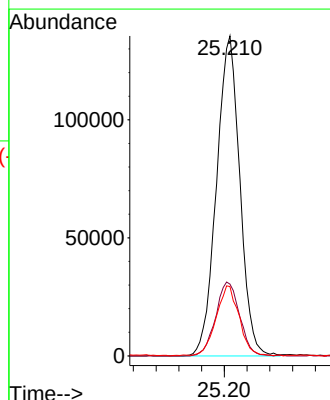
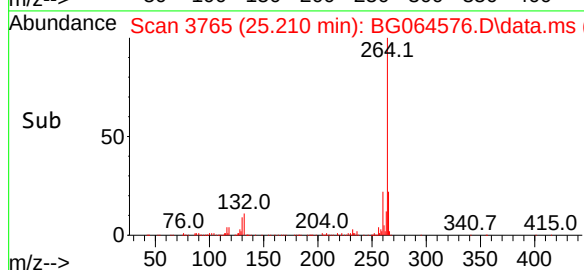
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

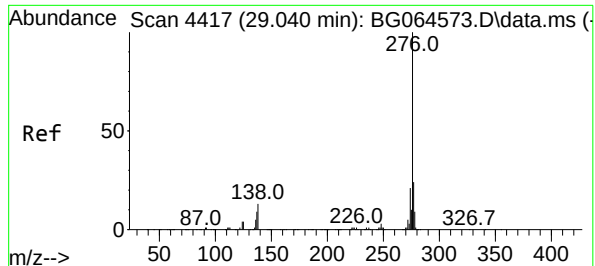


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3765
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



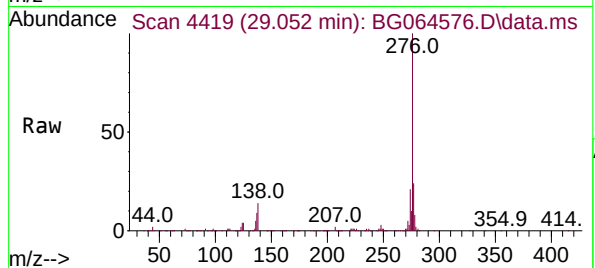
Tgt Ion:264 Resp: 385865
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.425 ng
RT: 29.052 min Scan# 4417
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

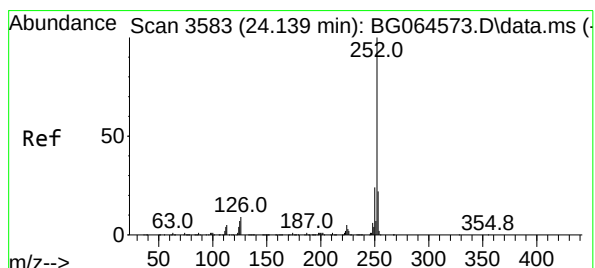
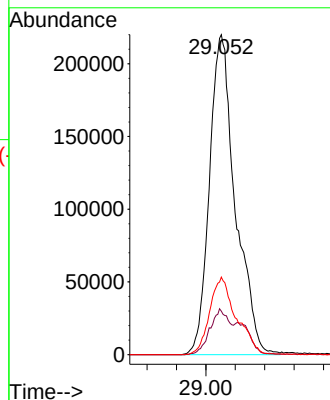
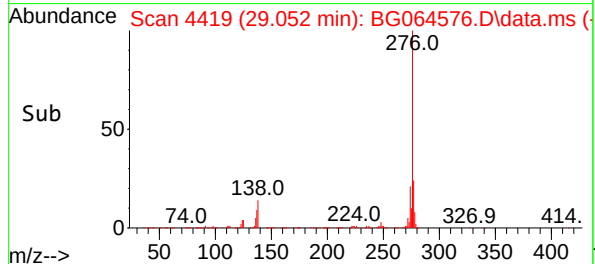
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 276 Resp: 1346188
Ion Ratio Lower Upper
276 100
138 10.9 10.8 16.2
277 24.8 20.1 30.1

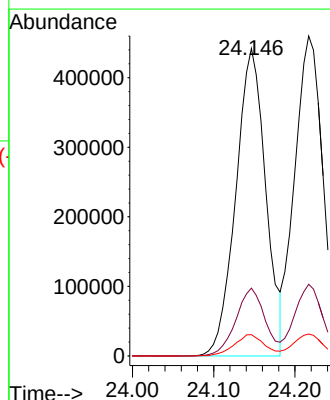
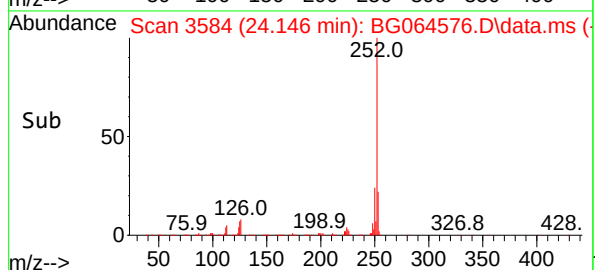
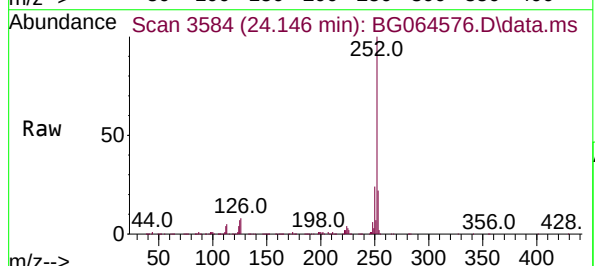
Manual Integrations
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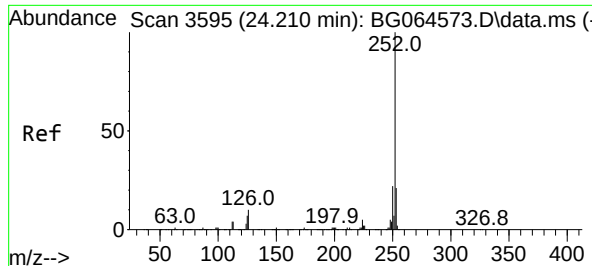
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 47.810 ng
RT: 24.146 min Scan# 3584
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 252 Resp: 1131250
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.9 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 46.901 ng

RT: 24.217 min Scan# 3596

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 1110490

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

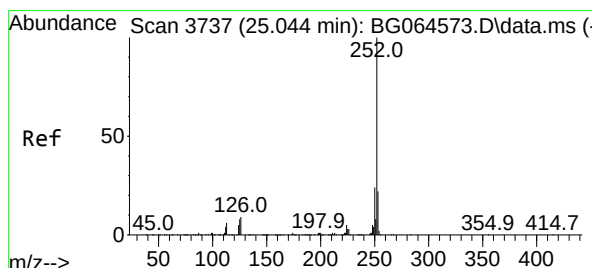
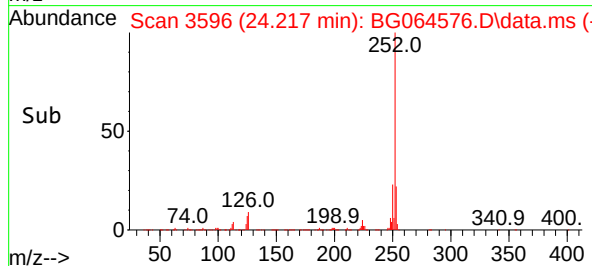
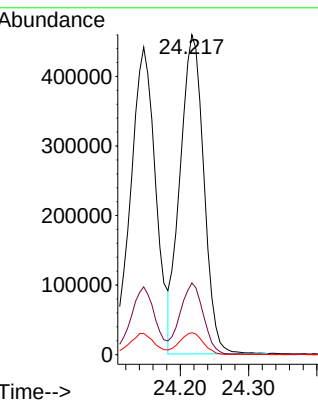
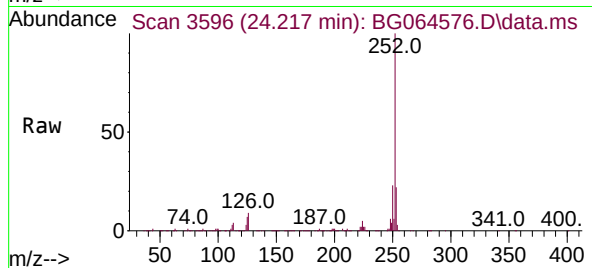
125 6.8 5.4 8.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 47.339 ng

RT: 25.051 min Scan# 3738

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

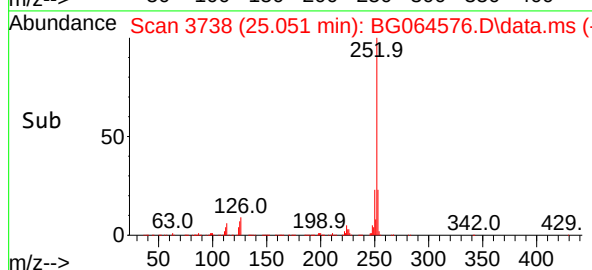
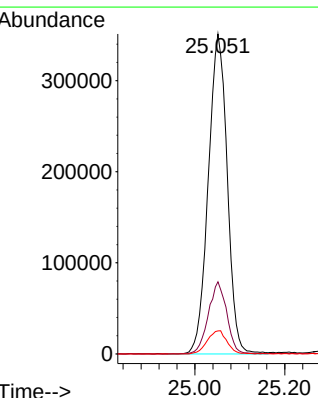
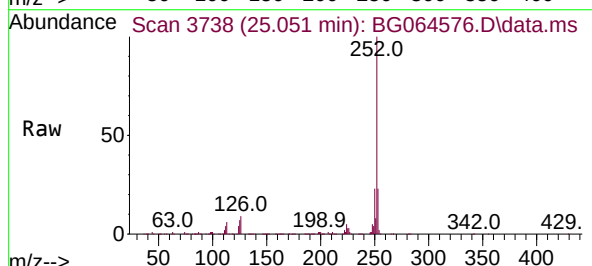
Tgt Ion:252 Resp: 1029605

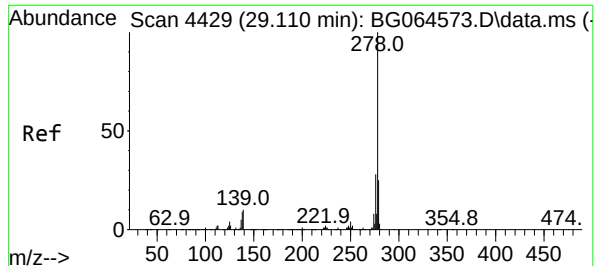
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

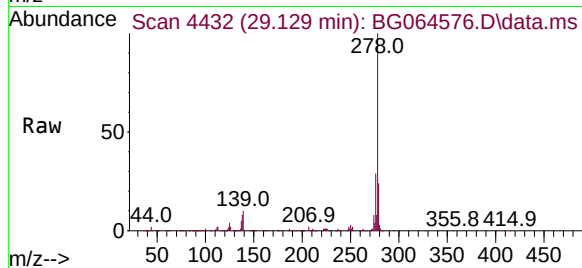
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.283 ng
RT: 29.129 min Scan# 4429
Delta R.T. 0.019 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

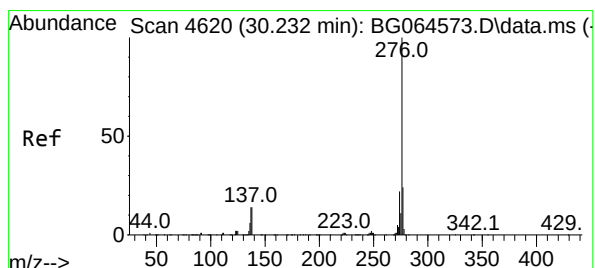
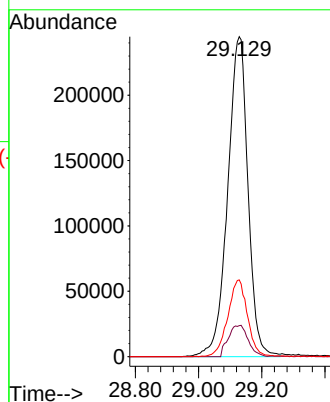
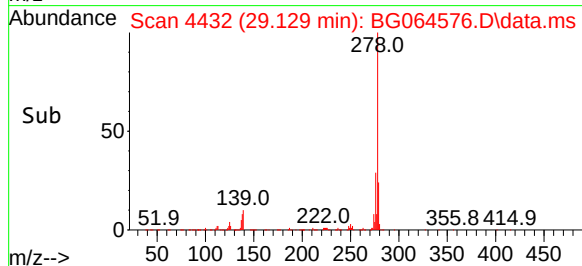
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 109040
Ion Ratio Lower Upper
278 100
139 9.7 8.0 12.0
279 24.0 19.8 29.6

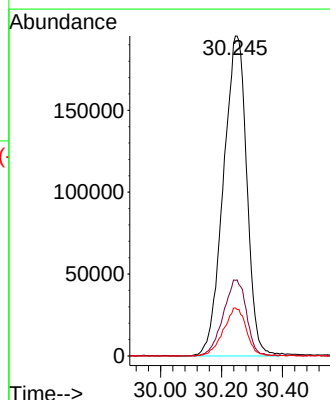
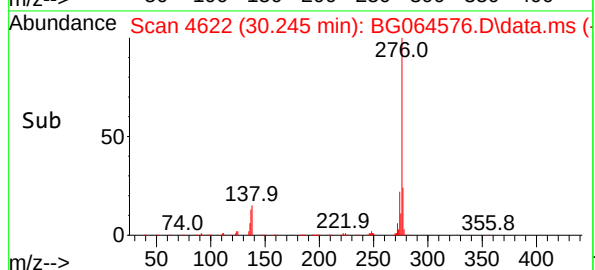
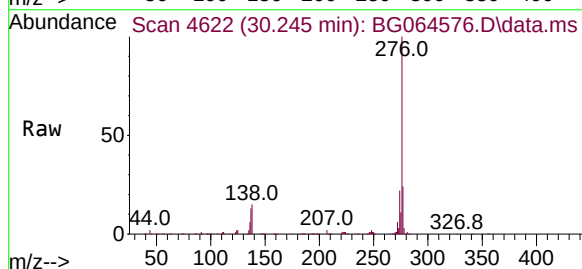
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 47.184 ng
RT: 30.245 min Scan# 4622
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 1039447
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.0 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37186	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	157125	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	124202	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	290051	20.000	ng	0.00
76) Chrysene-d12	21.859	240	293608	20.000	ng	0.00
86) Perylene-d12	25.202	264	306886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	156266	70.535	ng	0.00
7) Phenol-d6	7.353	99	225294	74.109	ng	0.00
23) Nitrobenzene-d5	9.386	82	200749	76.738	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	134578	75.074	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	594887	72.599	ng	0.00
79) Terphenyl-d14	20.173	244	1151597	74.019	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.586	88	33172	33.820	ng	97
3) Pyridine	3.998	79	98123	33.313	ng	95
4) n-Nitrosodimethylamine	3.898	42	56903	36.025	ng	98
6) Aniline	7.529	93	157683	38.118	ng	99
8) 2-Chlorophenol	7.776	128	85755	36.981	ng	96
9) Benzaldehyde	7.341	77	84516	50.923	ng	95
10) Phenol	7.376	94	122412	36.410	ng	98
11) bis(2-Chloroethyl)ether	7.623	93	86447	34.973	ng	99
12) 1,3-Dichlorobenzene	8.111	146	96308	36.085	ng	94
13) 1,4-Dichlorobenzene	8.257	146	102132	37.634	ng	96
14) 1,2-Dichlorobenzene	8.581	146	96651	36.924	ng	97
15) Benzyl Alcohol	8.445	79	95250	37.995	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	234476	36.163	ng	98
17) 2-Methylphenol	8.651	107	85863	38.466	ng	93
18) Hexachloroethane	9.327	117	34040	35.743	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	83140	39.572	ng	96
20) 3+4-Methylphenols	8.974	107	118917	37.882	ng	96
22) Acetophenone	9.045	105	162385	37.806	ng	97
24) Nitrobenzene	9.427	77	111836	39.305	ng	97
25) Isophorone	9.955	82	236860	37.733	ng	99
26) 2-Nitrophenol	10.143	139	38013	35.498	ng	97
27) 2,4-Dimethylphenol	10.196	122	94545	40.491	ng	99
28) bis(2-Chloroethoxy)met...	10.437	93	132072	36.953	ng	99
29) 2,4-Dichlorophenol	10.684	162	95966	38.190	ng	97
30) 1,2,4-Trichlorobenzene	10.907	180	108339	37.945	ng	97
31) Naphthalene	11.101	128	311084	35.709	ng	100
32) Benzoic acid	10.296	122	48162	29.620	ng	96
33) 4-Chloroaniline	11.189	127	139799	41.287	ng	99
34) Hexachlorobutadiene	11.389	225	78691	35.242	ng	97
35) Caprolactam	11.941	113	35011	36.326	ng	93
36) 4-Chloro-3-methylphenol	12.294	107	114927	38.049	ng	98
37) 2-Methylnaphthalene	12.693	142	213545	33.388	ng	98
38) 1-Methylnaphthalene	12.911	142	224857	35.513	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	154838	37.146	ng	99
41) Hexachlorocyclopentadiene	13.040	237	95065	50.669	ng	98
43) 2,4,6-Trichlorophenol	13.281	196	92335	38.726	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

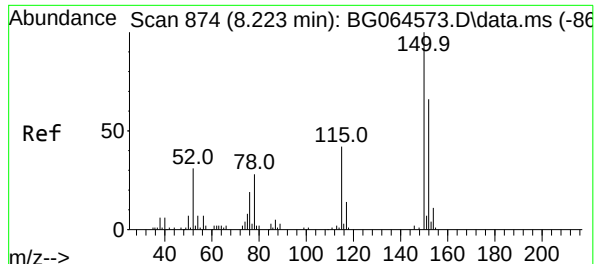
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102433	37.228	ng	99
46) 1,1'-Biphenyl	13.686	154	329629	37.331	ng	99
47) 2-Chloronaphthalene	13.727	162	241311	36.205	ng	97
48) 2-Nitroaniline	13.910	65	78927	36.129	ng	96
49) Acenaphthylene	14.568	152	435836	41.457	ng	98
50) Dimethylphthalate	14.292	163	350600	36.890	ng	100
51) 2,6-Dinitrotoluene	14.403	165	61784	39.971	ng	100
52) Acenaphthene	14.908	154	253833	35.340	ng	98
53) 3-Nitroaniline	14.726	138	68729	42.080	ng	99
54) 2,4-Dinitrophenol	14.926	184	29394	33.991	ng	# 56
55) Dibenzofuran	15.237	168	419154	36.096	ng	97
56) 4-Nitrophenol	15.014	139	51210	33.818	ng	92
57) 2,4-Dinitrotoluene	15.185	165	85201	35.957	ng	96
58) Fluorene	15.890	166	328636	36.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	106626	40.525	ng	97
60) Diethylphthalate	15.649	149	348964	35.961	ng	99
61) 4-Chlorophenyl-phenyle...	15.878	204	182714	35.902	ng	99
62) 4-Nitroaniline	15.884	138	68807	37.867	ng	97
63) Azobenzene	16.172	77	323432	36.325	ng	97
65) 4,6-Dinitro-2-methylph...	15.943	198	42391	34.885	ng	94
66) n-Nitrosodiphenylamine	16.084	169	300274	38.325	ng	98
67) 4-Bromophenyl-phenylether	16.771	248	130765	38.044	ng	97
68) Hexachlorobenzene	16.888	284	144974	36.971	ng	96
69) Atrazine	17.024	200	130007	38.558	ng	96
70) Pentachlorophenol	17.223	266	85166	34.829	ng	90
71) Phenanthrene	17.623	178	569825	35.925	ng	99
72) Anthracene	17.717	178	584246	36.210	ng	99
73) Carbazole	17.975	167	498849	35.061	ng	99
74) Di-n-butylphthalate	18.534	149	570718	34.688	ng	99
75) Fluoranthene	19.621	202	676996	34.070	ng	99
77) Benzidine	19.785	184	356547	54.203	ng	99
78) Pyrene	19.979	202	693068	36.130	ng	99
80) Butylbenzylphthalate	20.854	149	224386	38.702	ng	98
81) Benzo(a)anthracene	21.836	228	706428	36.287	ng	99
82) 3,3'-Dichlorobenzidine	21.742	252	265324	40.813	ng	96
83) Chrysene	21.906	228	658217	35.533	ng	98
84) Bis(2-ethylhexyl)phtha...	21.747	149	324614	37.470	ng	96
85) Di-n-octyl phthalate	23.017	149	527097	36.087	ng	99
87) Indeno(1,2,3-cd)pyrene	29.045	276	820974	36.366	ng	99
88) Benzo(b)fluoranthene	24.139	252	681881	36.235	ng	99
89) Benzo(k)fluoranthene	24.209	252	701500	37.252	ng	99
90) Benzo(a)pyrene	25.049	252	652126	37.700	ng	98
91) Dibenzo(a,h)anthracene	29.121	278	674510	36.776	ng	96
92) Benzo(g,h,i)perylene	30.232	276	653564	37.302	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

- 1
- 2
- 3
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- 14
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- 16
- 17

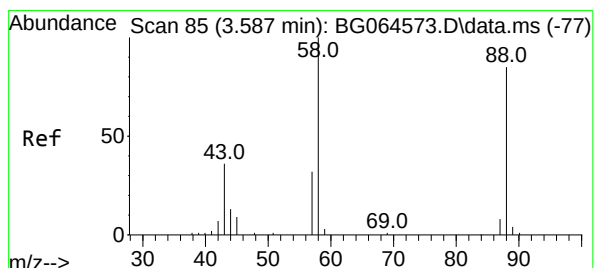
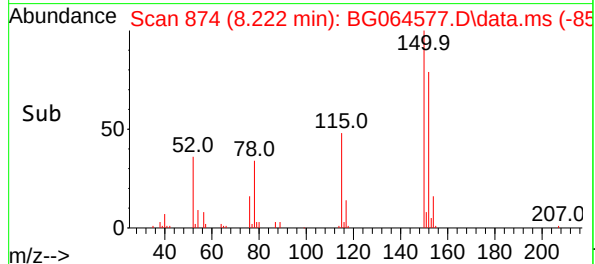
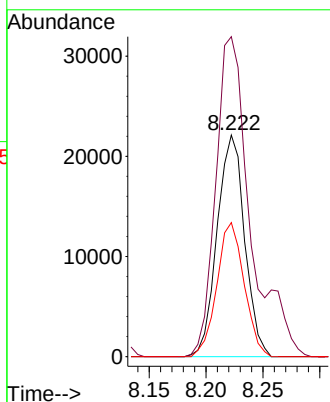
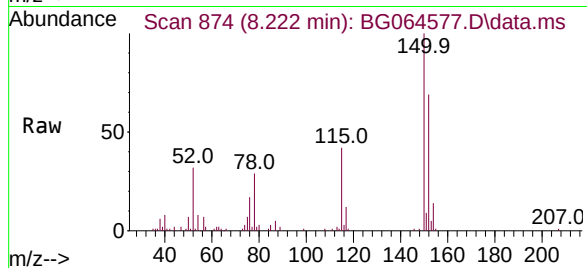




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

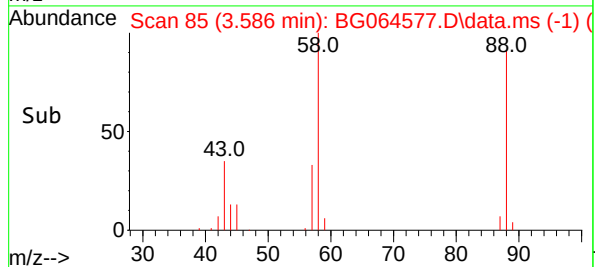
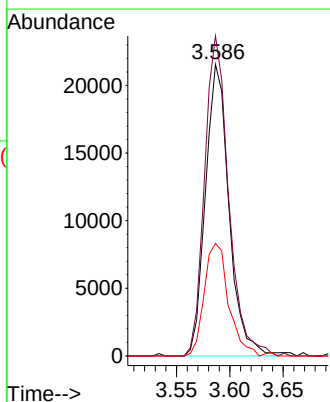
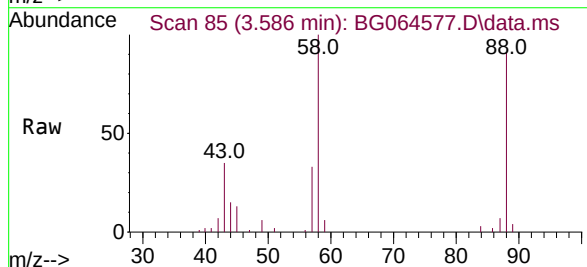
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

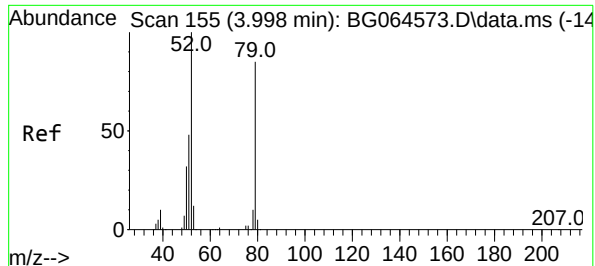
Tgt Ion:152 Resp: 37186
Ion Ratio Lower Upper
152 100
150 144.5 122.2 183.4
115 60.5 50.8 76.2



#2
1,4-Dioxane
Concen: 33.820 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 88 Resp: 33172
Ion Ratio Lower Upper
88 100
58 111.8 92.4 138.6
43 40.1 33.0 49.6





#3

Pyridine

Concen: 33.313 ng

RT: 3.998 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

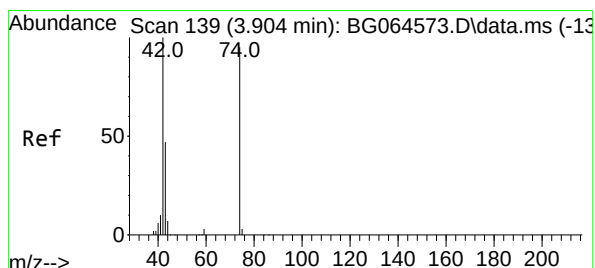
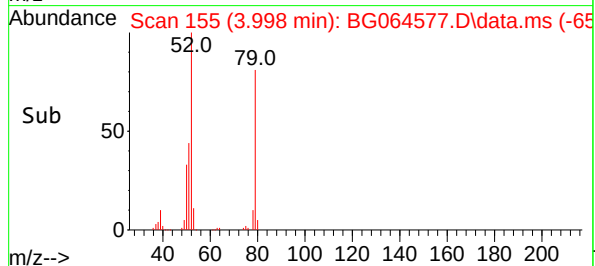
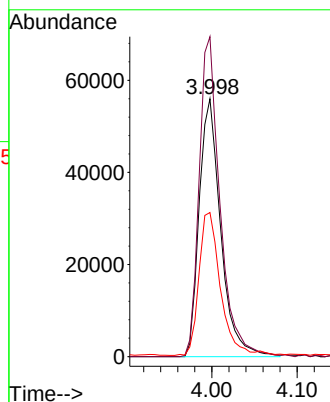
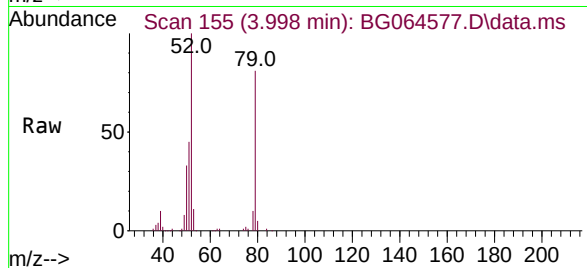
Tgt Ion: 79 Resp: 98123

Ion Ratio Lower Upper

79 100

52 124.1 94.2 141.2

51 55.8 46.1 69.1



#4

n-Nitrosodimethylamine

Concen: 36.025 ng

RT: 3.898 min Scan# 138

Delta R.T. -0.007 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

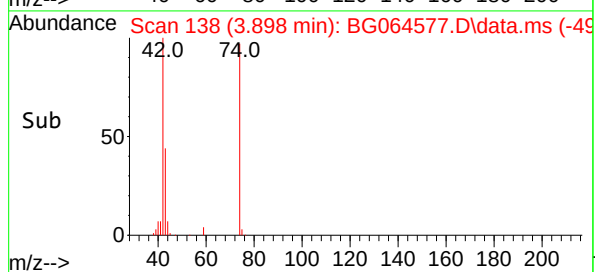
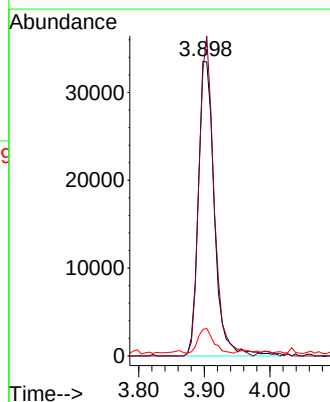
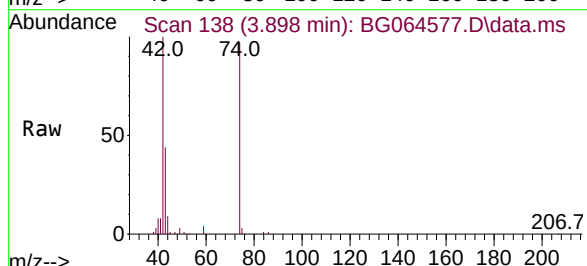
Tgt Ion: 42 Resp: 56903

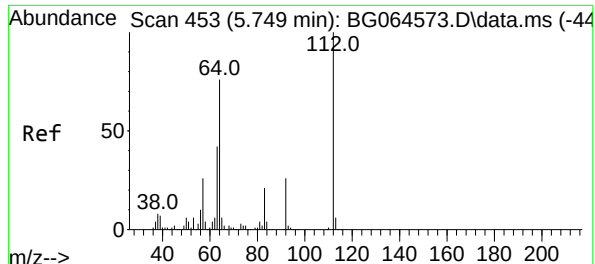
Ion Ratio Lower Upper

42 100

74 97.0 76.1 114.1

44 9.0 6.3 9.5

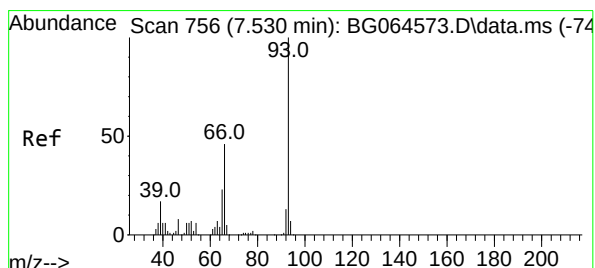
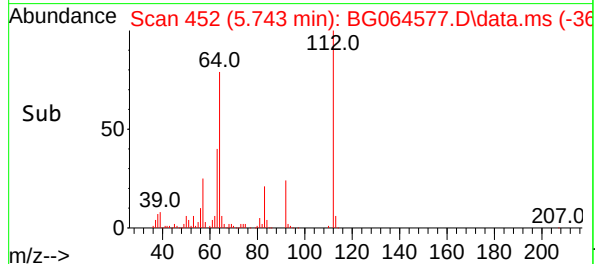
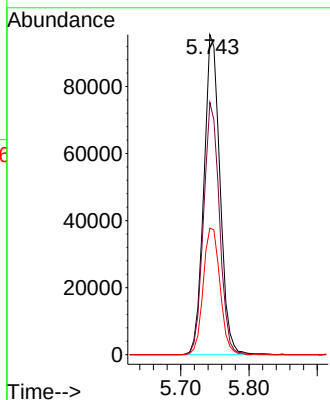
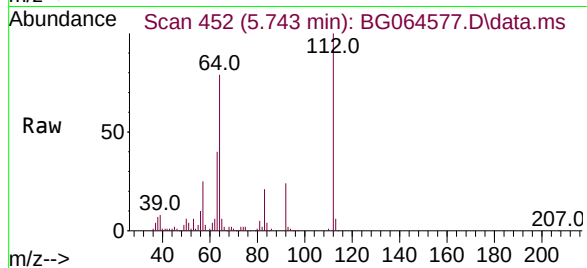




#5
2-Fluorophenol
Concen: 70.535 ng
RT: 5.743 min Scan# 453
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

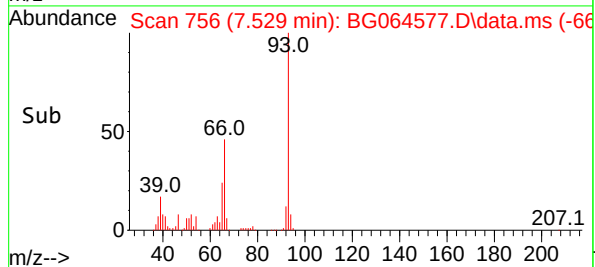
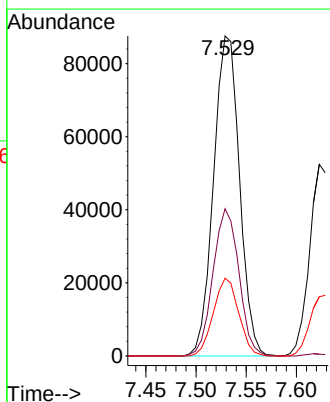
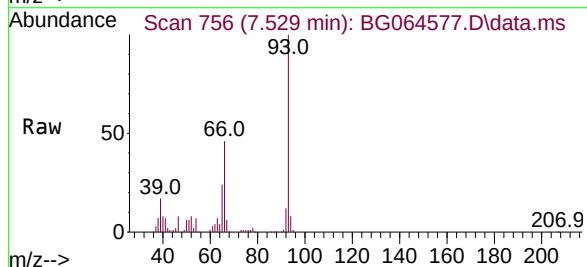
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

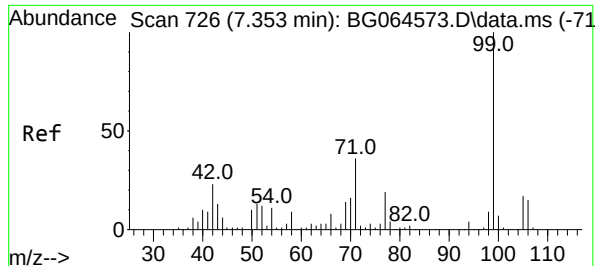
Tgt Ion:112 Resp: 156266
Ion Ratio Lower Upper
112 100
64 78.8 60.7 91.1
63 39.5 33.4 50.0



#6
Aniline
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 157683
Ion Ratio Lower Upper
93 100
66 46.0 37.0 55.6
65 24.3 18.3 27.5





#7

Phenol-d6

Concen: 74.109 ng

RT: 7.353 min Scan# 71

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

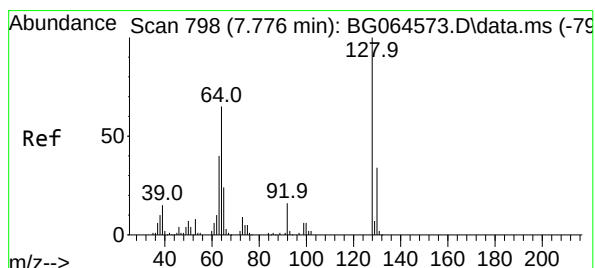
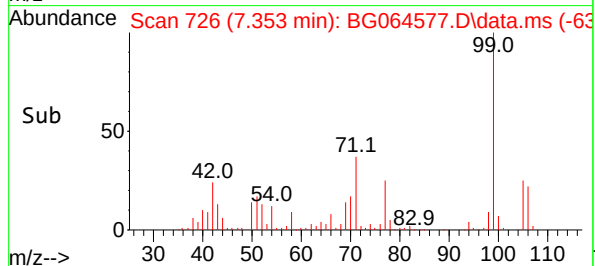
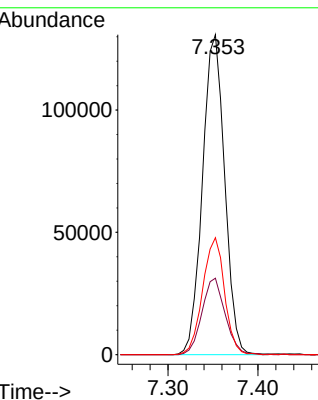
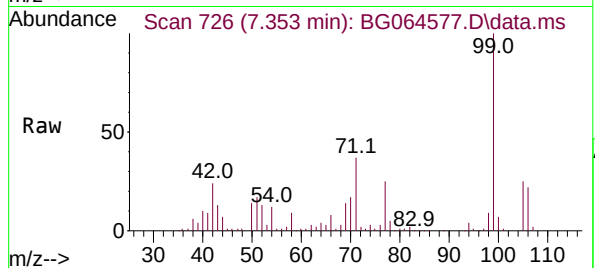
Tgt Ion: 99 Resp: 225294

Ion Ratio Lower Upper

99 100

42 23.9 18.3 27.5

71 36.5 28.6 43.0



#8

2-Chlorophenol

Concen: 36.981 ng

RT: 7.776 min Scan# 798

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

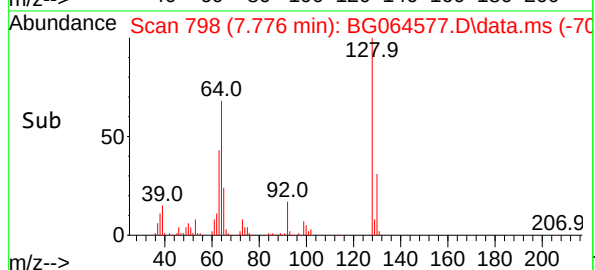
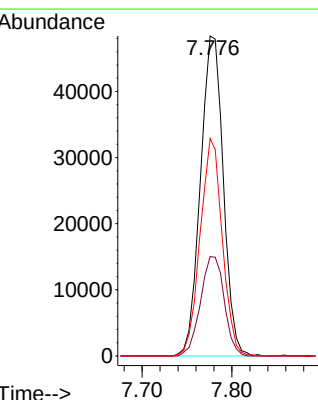
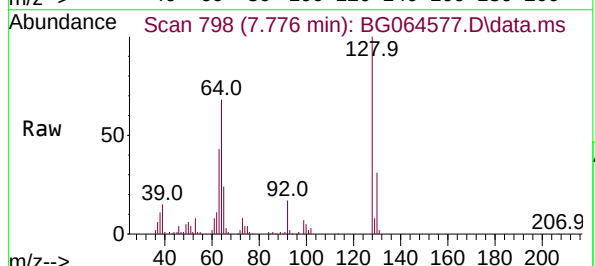
Tgt Ion: 128 Resp: 85755

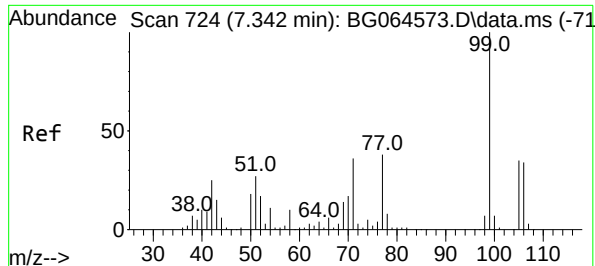
Ion Ratio Lower Upper

128 100

130 31.0 13.5 53.5

64 67.9 45.2 85.2





#9

Benzaldehyde

Concen: 50.923 ng

RT: 7.341 min Scan# 71

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

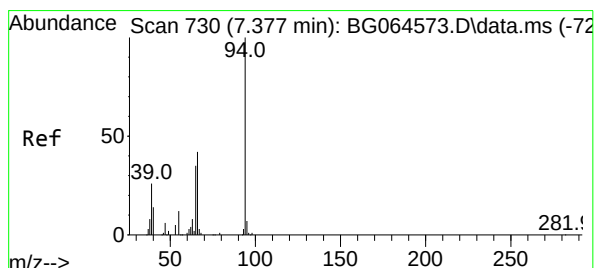
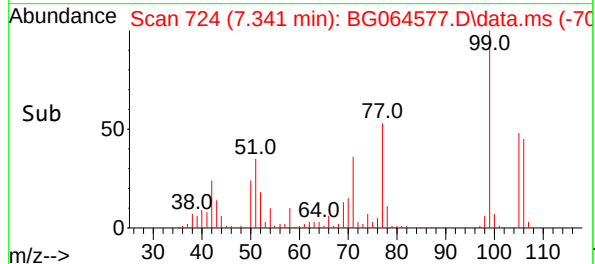
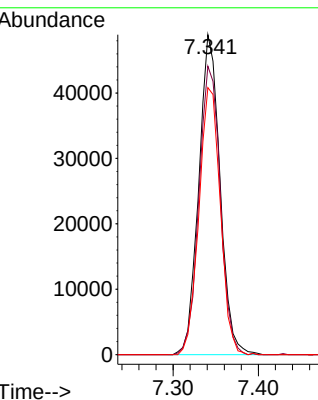
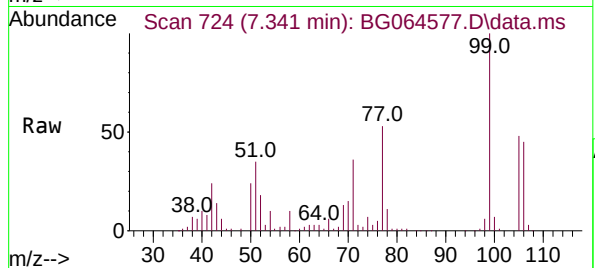
Tgt Ion: 77 Resp: 84516

Ion Ratio Lower Upper

77 100

105 90.1 72.9 112.9

106 83.4 70.8 110.8



#10

Phenol

Concen: 36.410 ng

RT: 7.376 min Scan# 730

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

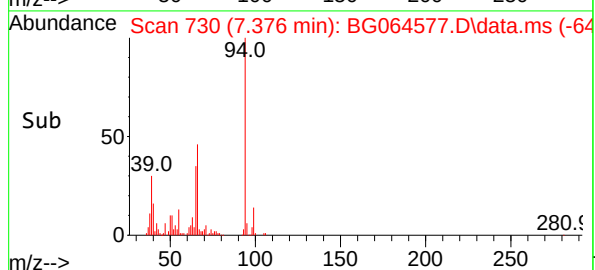
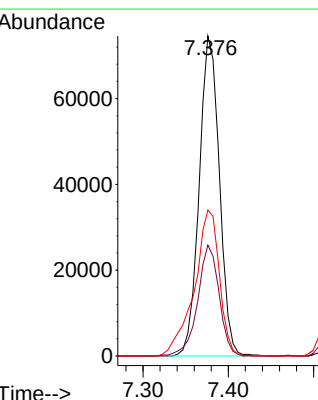
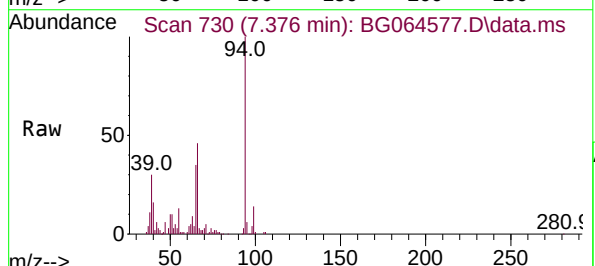
Tgt Ion: 94 Resp: 122412

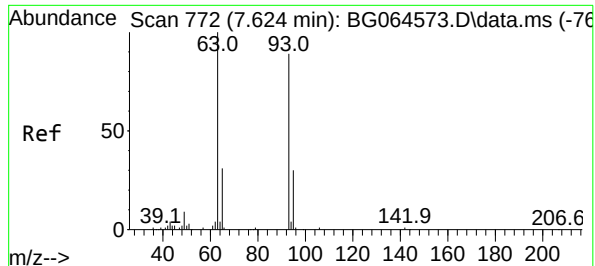
Ion Ratio Lower Upper

94 100

65 34.6 15.8 55.8

66 45.6 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 34.973 ng

RT: 7.623 min Scan# 772

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

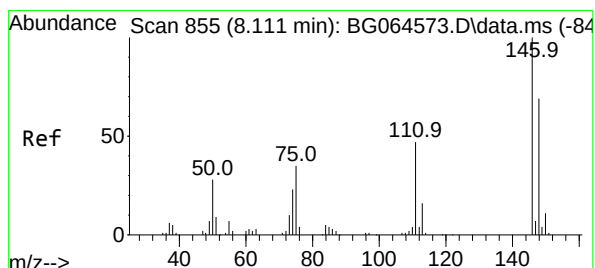
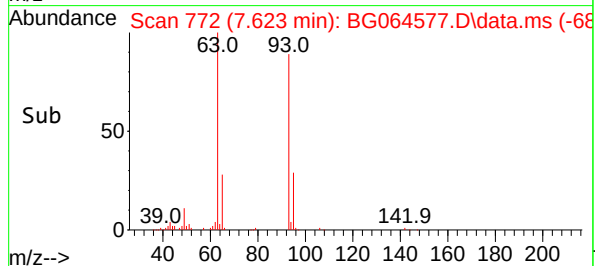
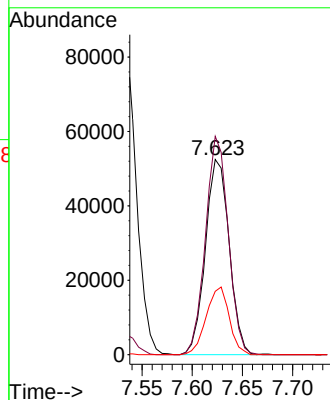
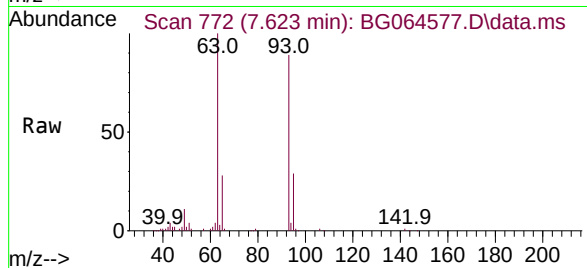
Tgt Ion: 93 Resp: 86447

Ion Ratio Lower Upper

93 100

63 111.9 91.3 131.3

95 32.5 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 36.085 ng

RT: 8.111 min Scan# 855

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

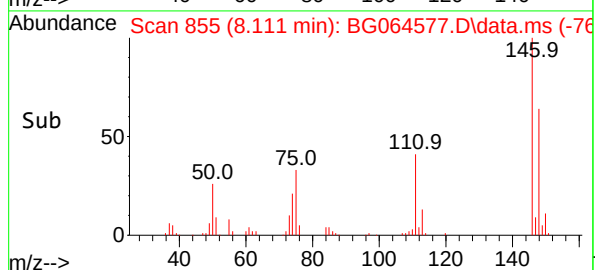
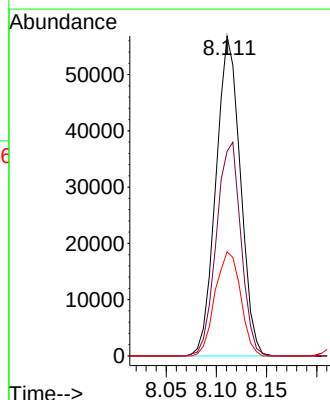
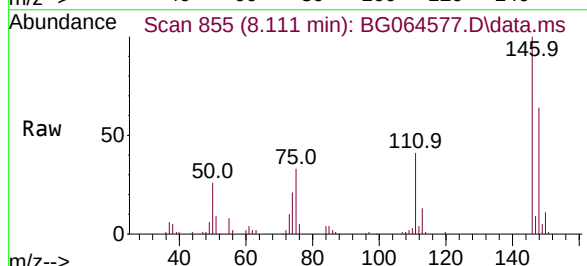
Tgt Ion: 146 Resp: 96308

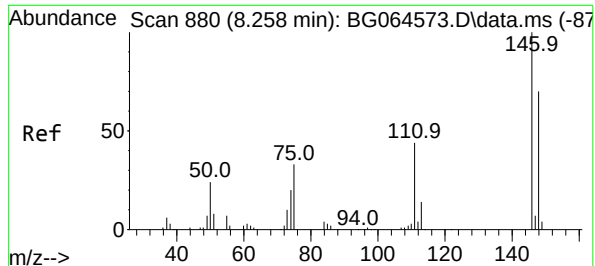
Ion Ratio Lower Upper

146 100

148 63.9 55.3 82.9

75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 37.634 ng

RT: 8.257 min Scan# 880

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

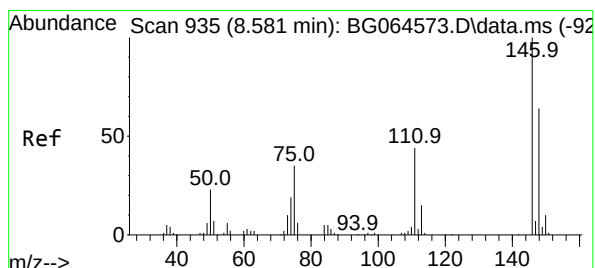
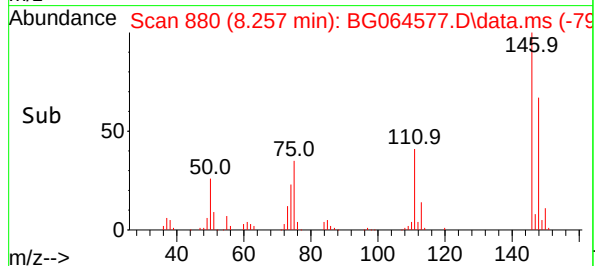
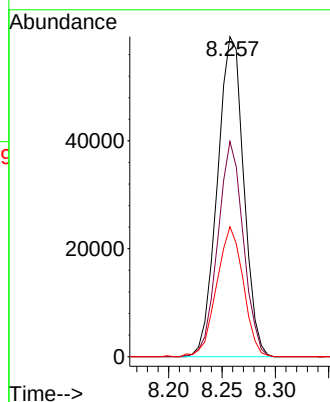
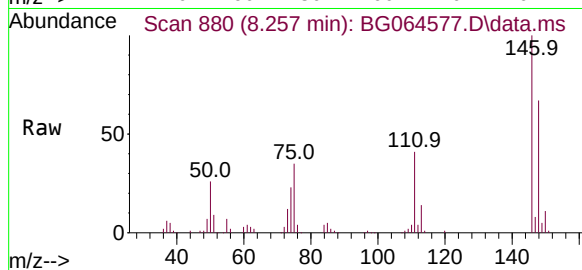
Tgt Ion:146 Resp: 102132

Ion Ratio Lower Upper

146 100

148 67.2 56.2 84.4

111 40.6 35.4 53.0



#14

1,2-Dichlorobenzene

Concen: 36.924 ng

RT: 8.581 min Scan# 935

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

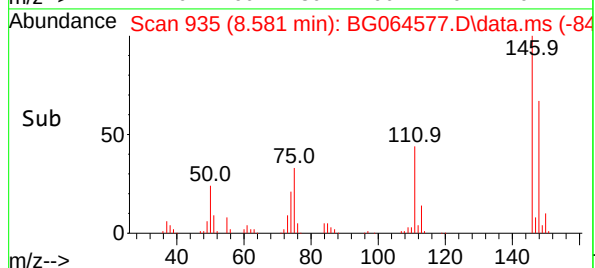
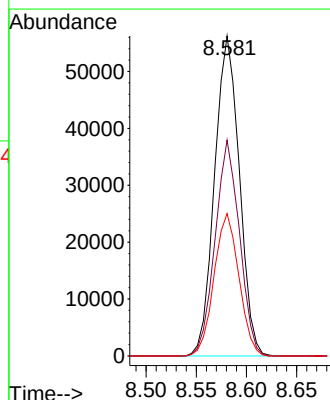
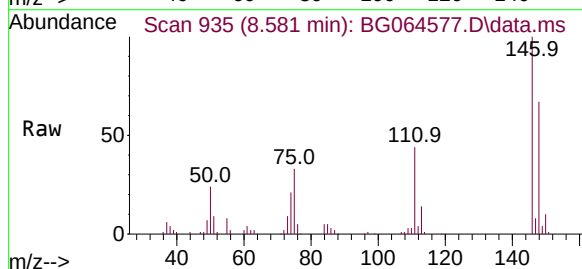
Tgt Ion:146 Resp: 96651

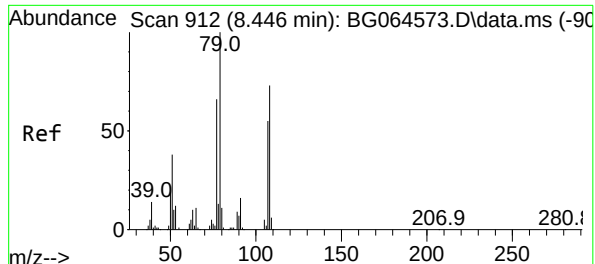
Ion Ratio Lower Upper

146 100

148 67.4 51.5 77.3

111 44.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 37.995 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

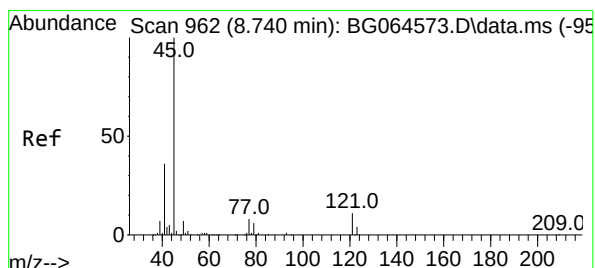
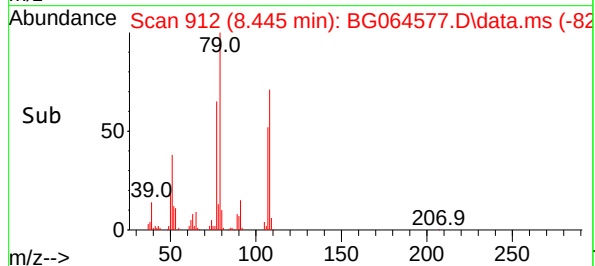
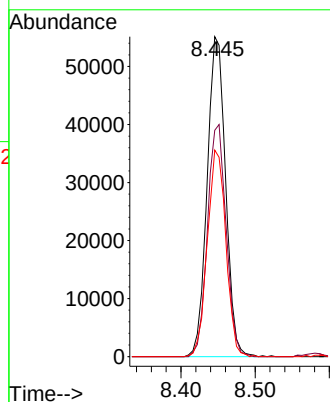
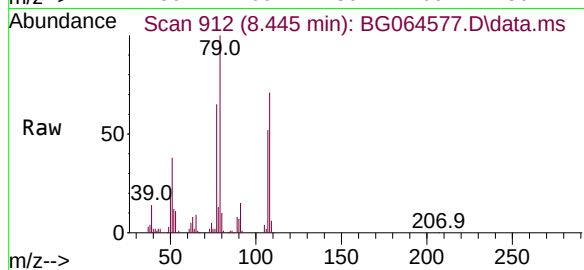
Tgt Ion: 79 Resp: 95250

Ion Ratio Lower Upper

79 100

108 70.7 58.1 87.1

77 64.5 52.8 79.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.163 ng

RT: 8.745 min Scan# 963

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

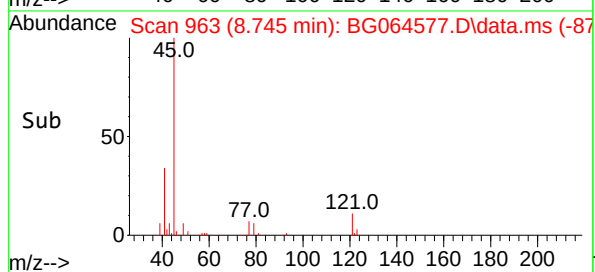
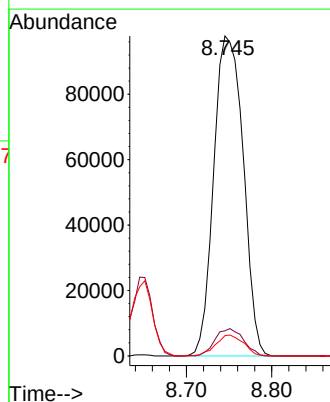
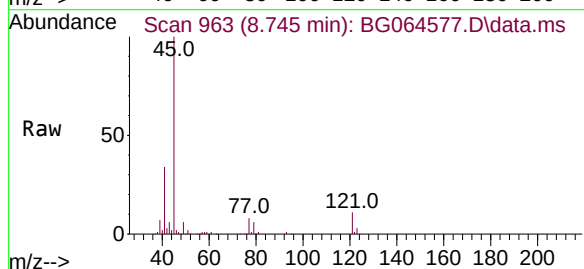
Tgt Ion: 45 Resp: 234476

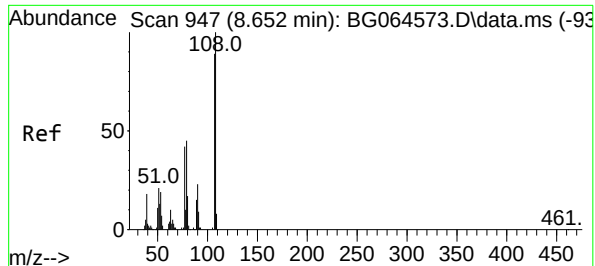
Ion Ratio Lower Upper

45 100

77 7.8 0.0 28.5

79 6.3 0.0 25.6





#17

2-Methylphenol

Concen: 38.466 ng

RT: 8.651 min Scan# 947

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:107 Resp: 85863

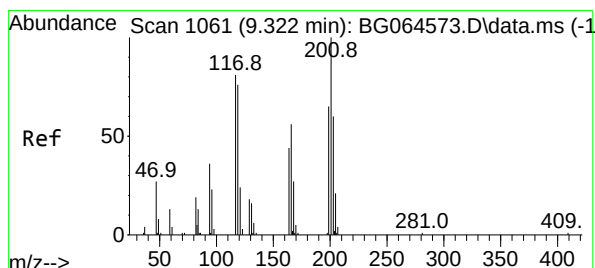
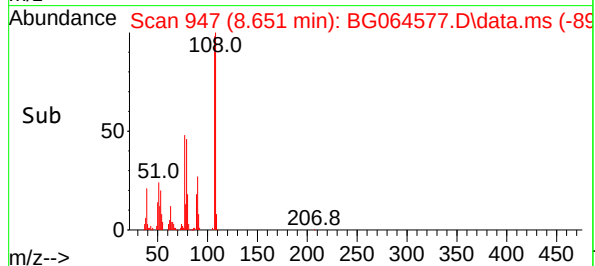
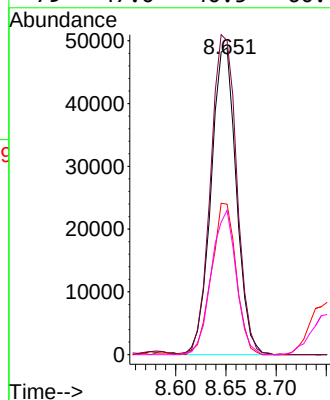
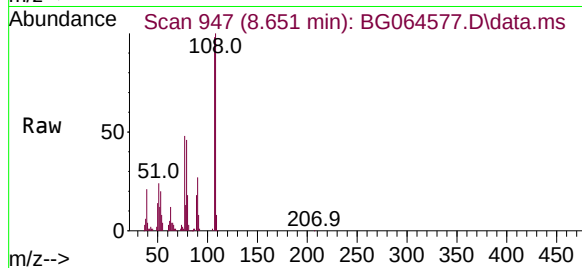
Ion Ratio Lower Upper

107 100

108 102.3 90.0 135.0

77 49.0 37.8 56.8

79 47.0 40.5 60.7



#18

Hexachloroethane

Concen: 35.743 ng

RT: 9.327 min Scan# 1062

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

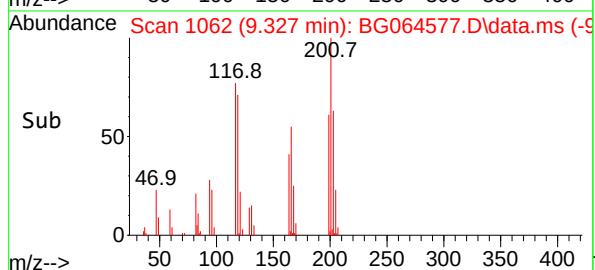
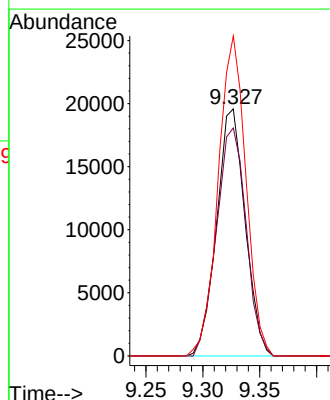
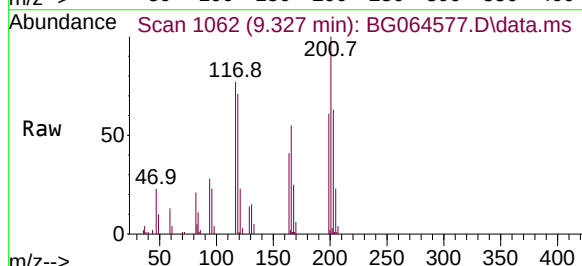
Tgt Ion:117 Resp: 34040

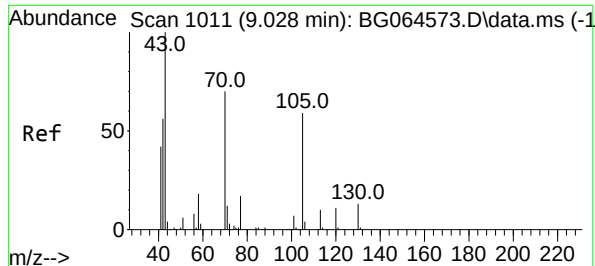
Ion Ratio Lower Upper

117 100

119 92.3 75.4 113.2

201 129.6 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.572 ng

RT: 9.027 min Scan# 1011

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 70 Resp: 83140

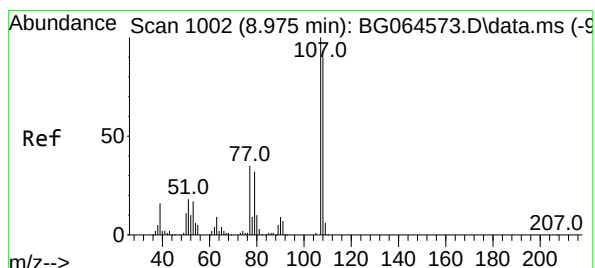
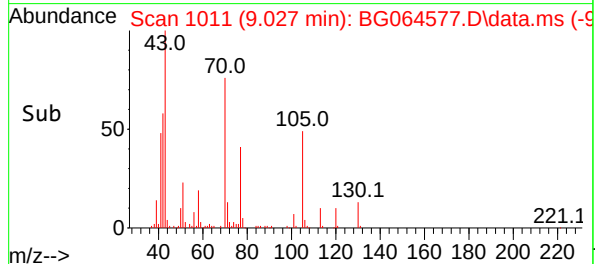
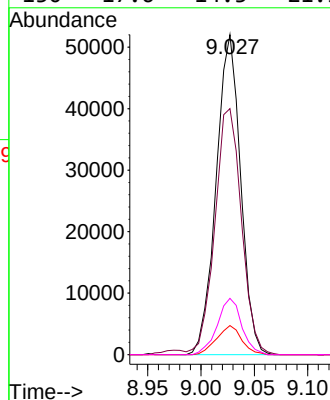
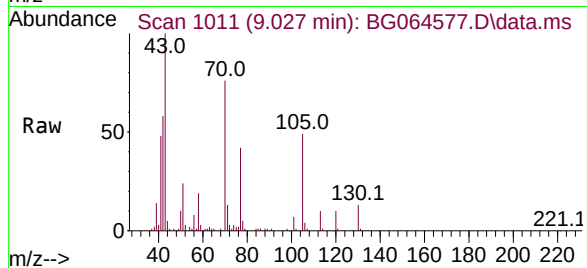
Ion Ratio Lower Upper

70 100

42 76.9 65.2 97.8

101 9.1 7.9 11.9

130 17.6 14.3 21.5



#20

3+4-Methylphenols

Concen: 37.882 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 118917

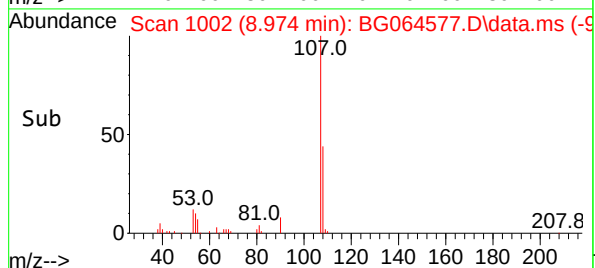
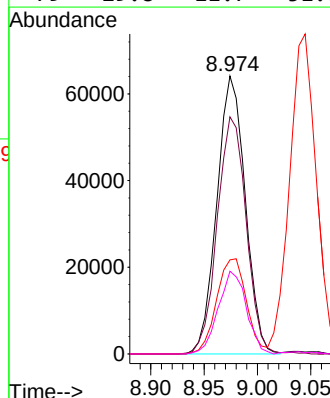
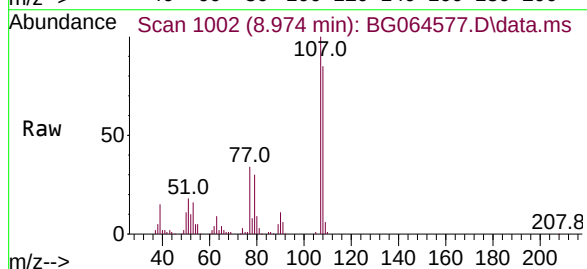
Ion Ratio Lower Upper

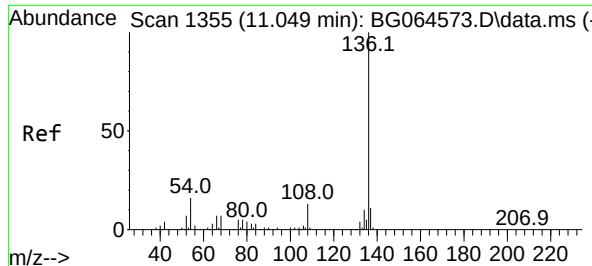
107 100

108 85.3 70.3 110.3

77 33.8 14.6 54.6

79 29.8 11.7 51.7

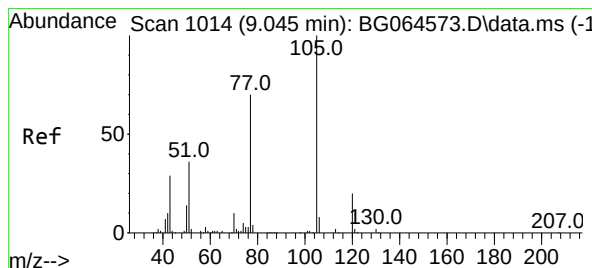
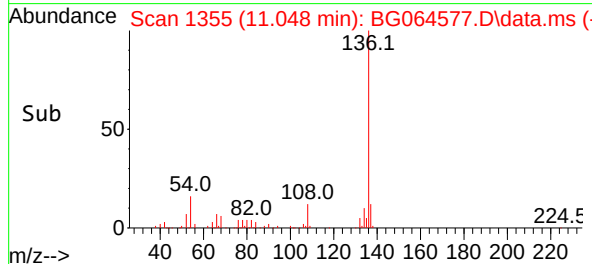
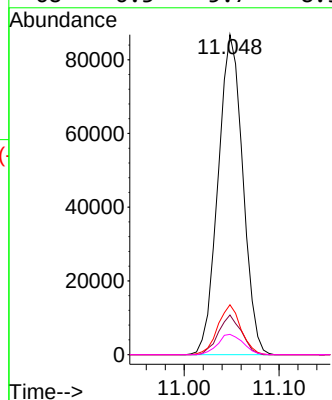
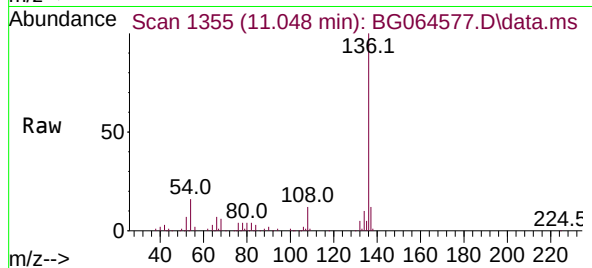




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1355
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

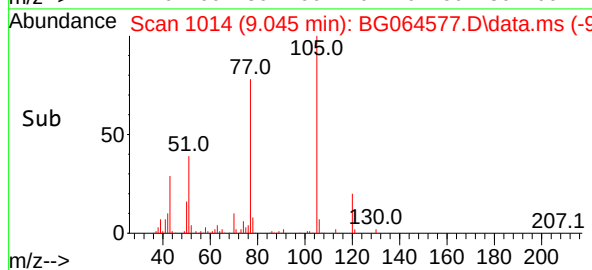
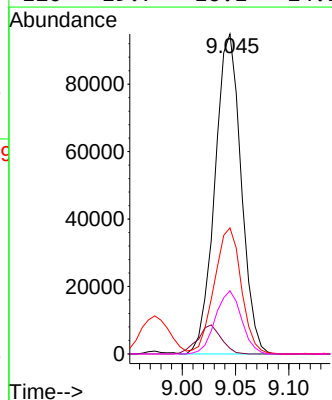
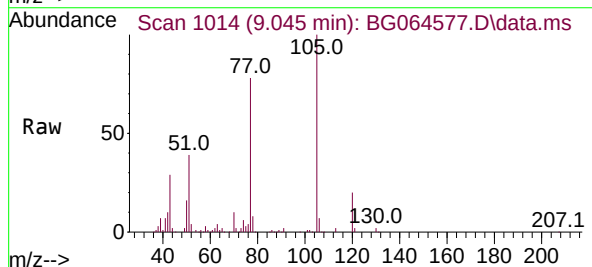
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

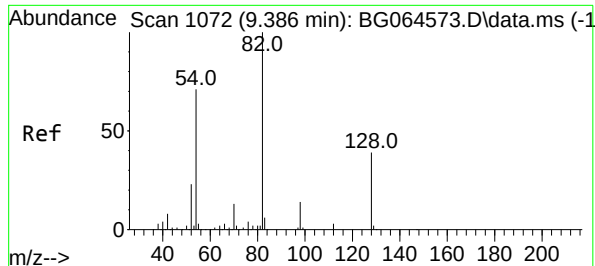
Tgt Ion:136	Resp: 157125
Ion Ratio	Lower Upper
136	100
137	12.4 9.2 13.8
54	15.6 12.6 19.0
68	6.3 5.7 8.5



#22
Acetophenone
Concen: 37.806 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:105	Resp: 162385
Ion Ratio	Lower Upper
105	100
71	1.7 1.5 2.3
51	39.4 33.7 50.5
120	19.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 76.738 ng

RT: 9.386 min Scan# 1072

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

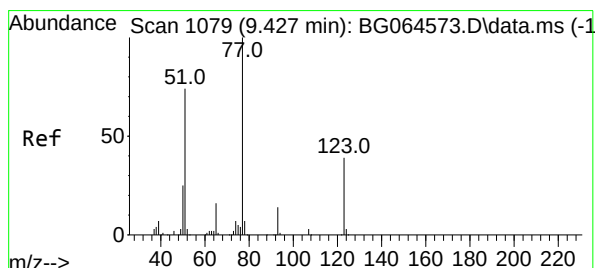
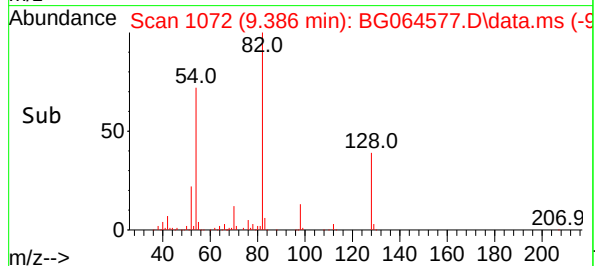
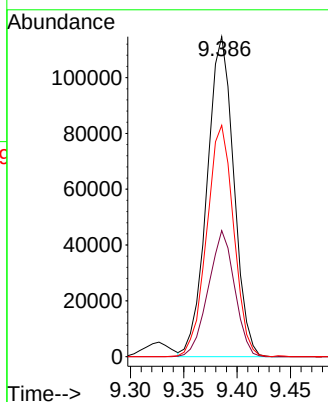
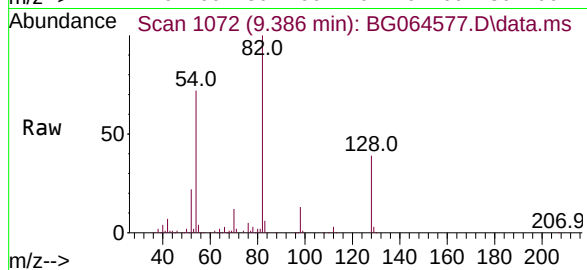
Tgt Ion: 82 Resp: 200749

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

54 72.3 56.6 84.8



#24

Nitrobenzene

Concen: 39.305 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

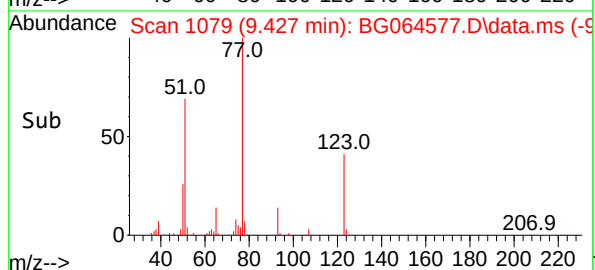
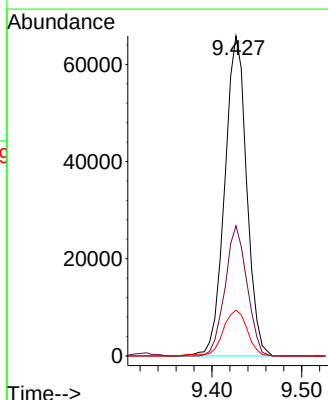
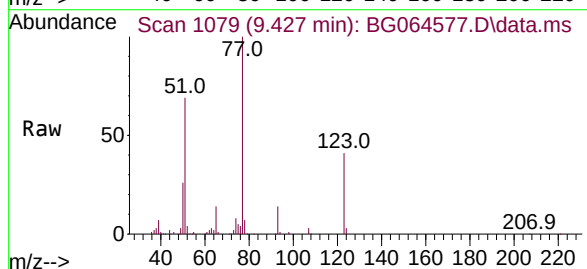
Tgt Ion: 77 Resp: 111836

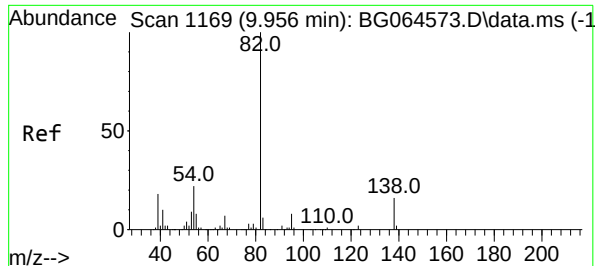
Ion Ratio Lower Upper

77 100

123 40.6 31.0 46.6

65 14.3 12.7 19.1





#25

Isophorone

Concen: 37.733 ng

RT: 9.955 min Scan# 1169

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

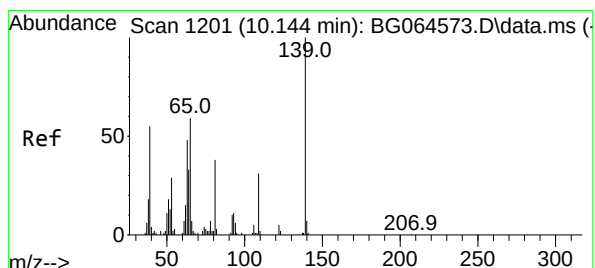
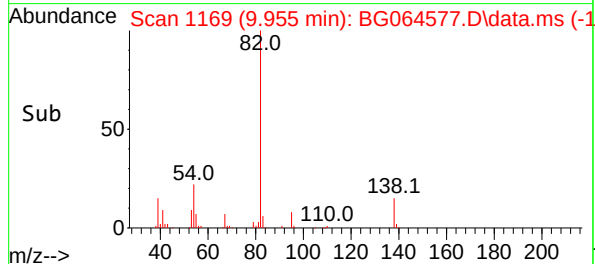
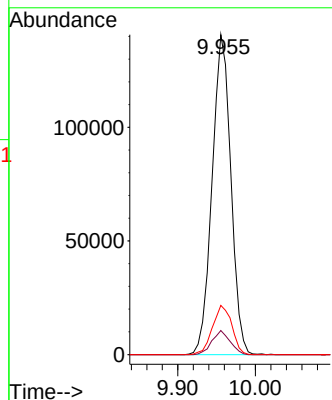
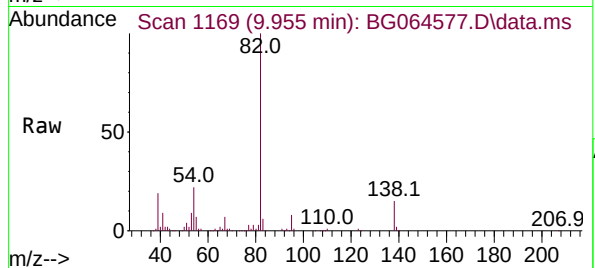
Tgt Ion: 82 Resp: 236860

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 15.4 13.0 19.4



#26

2-Nitrophenol

Concen: 35.498 ng

RT: 10.143 min Scan# 1201

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

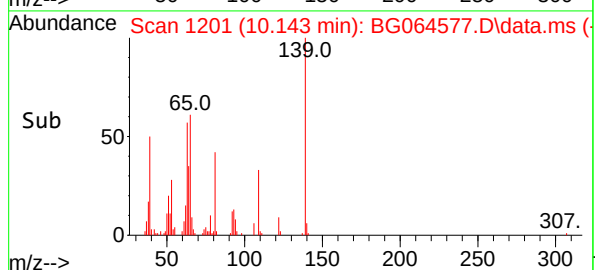
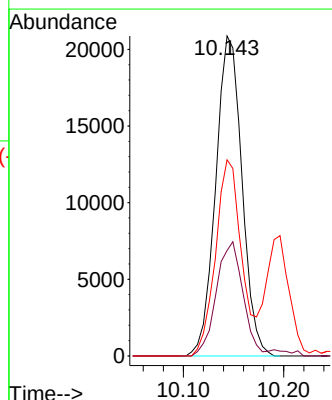
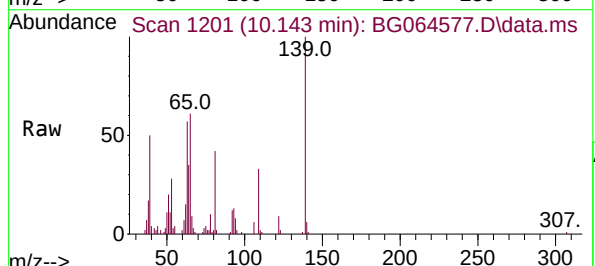
Tgt Ion: 139 Resp: 38013

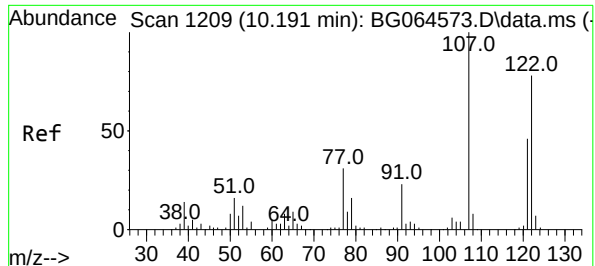
Ion Ratio Lower Upper

139 100

109 32.9 24.6 37.0

65 61.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 40.491 ng

RT: 10.196 min Scan# 1209

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

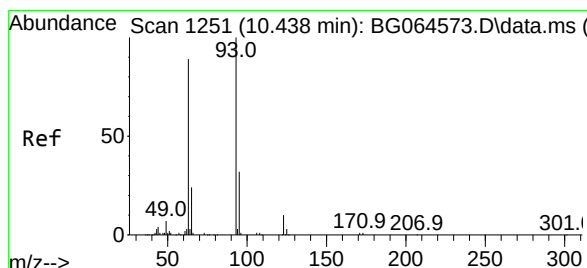
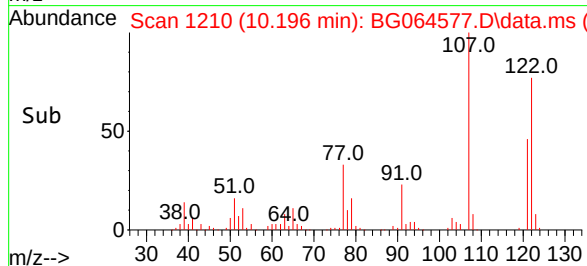
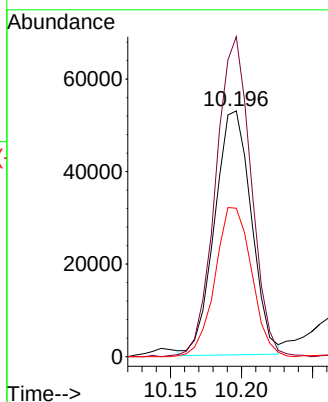
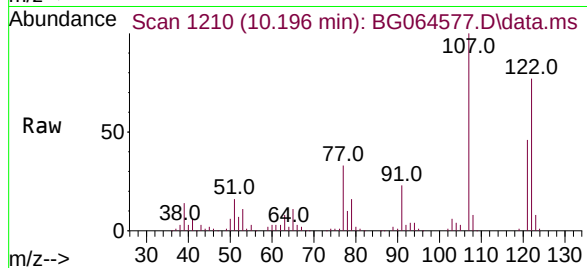
Tgt Ion:122 Resp: 94545

Ion Ratio Lower Upper

122 100

107 130.3 103.0 154.4

121 60.4 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.953 ng

RT: 10.437 min Scan# 1251

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

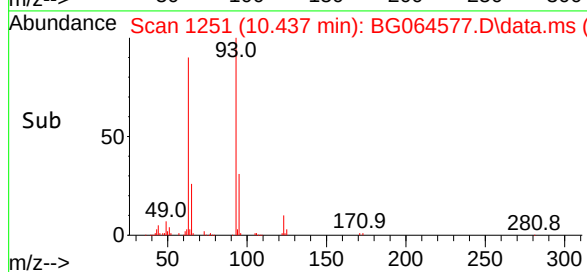
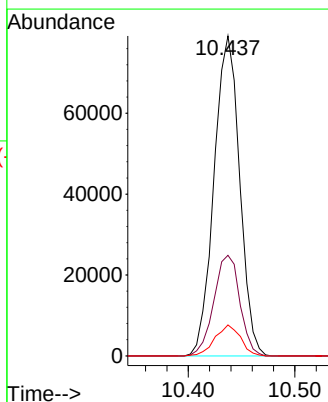
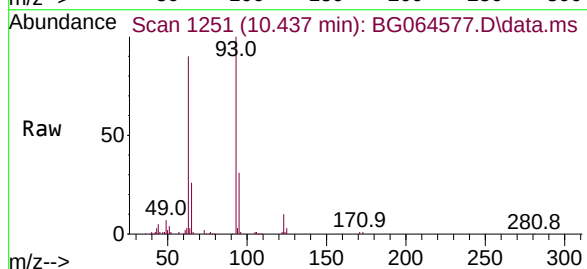
Tgt Ion: 93 Resp: 132072

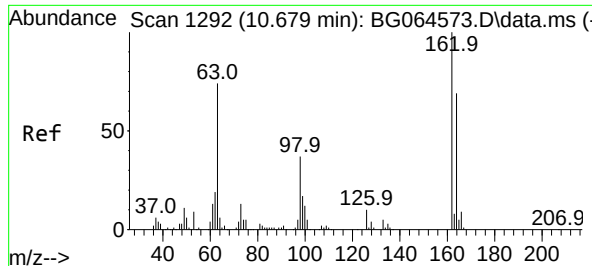
Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.2

123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 38.190 ng

RT: 10.684 min Scan# 1293

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

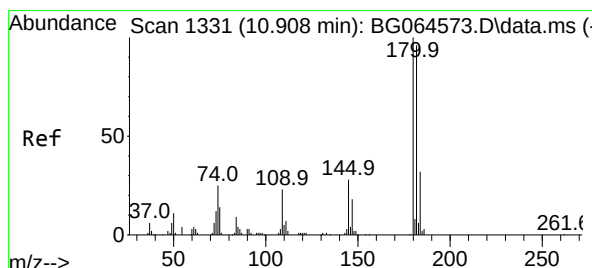
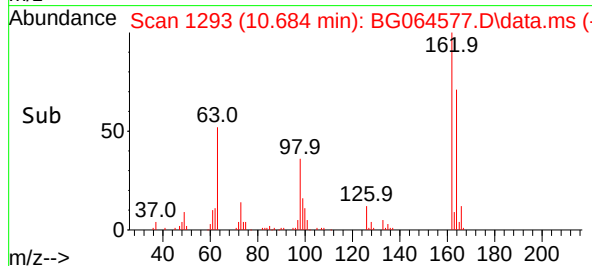
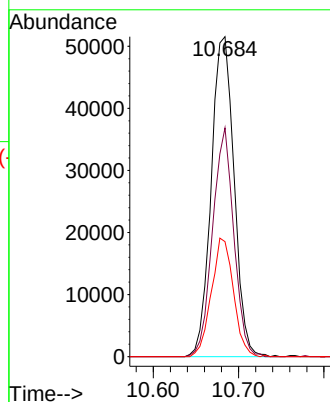
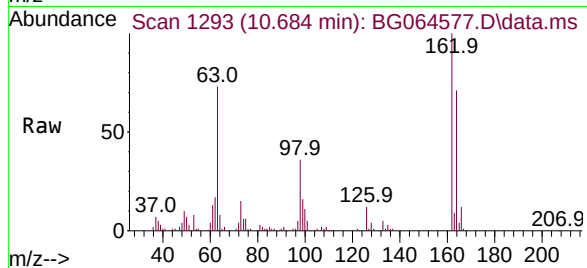
Tgt Ion:162 Resp: 95966

Ion Ratio Lower Upper

162 100

164 71.5 48.7 88.7

98 35.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 37.945 ng

RT: 10.907 min Scan# 1331

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

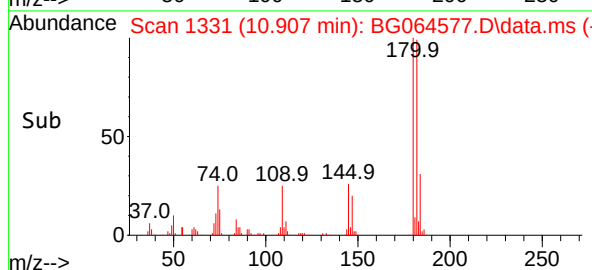
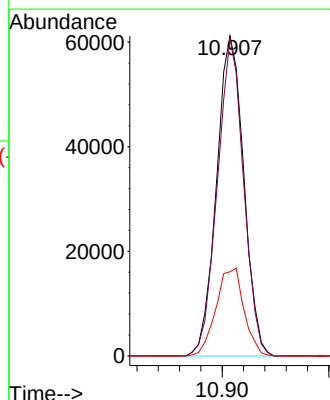
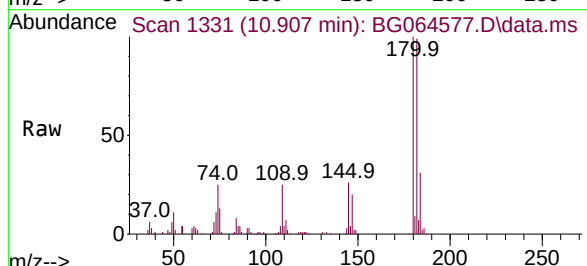
Tgt Ion:180 Resp: 108339

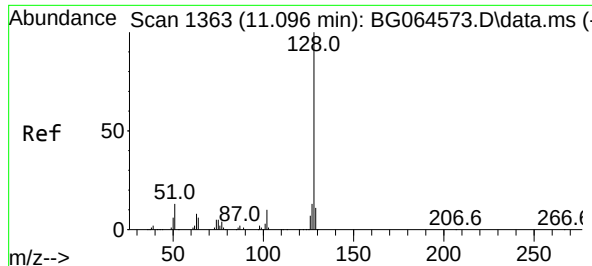
Ion Ratio Lower Upper

180 100

182 99.3 76.9 115.3

145 26.3 22.1 33.1

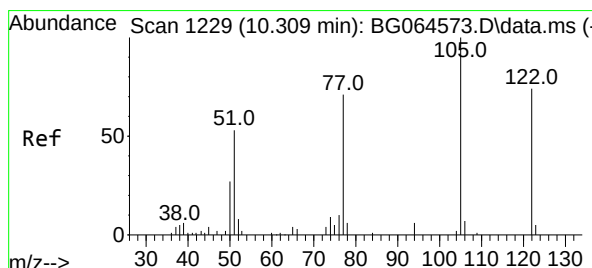
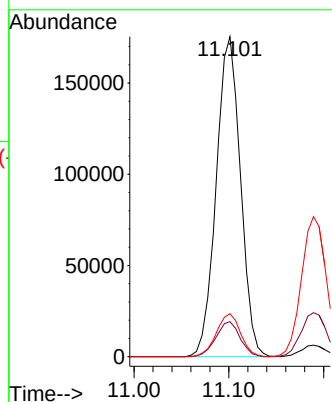
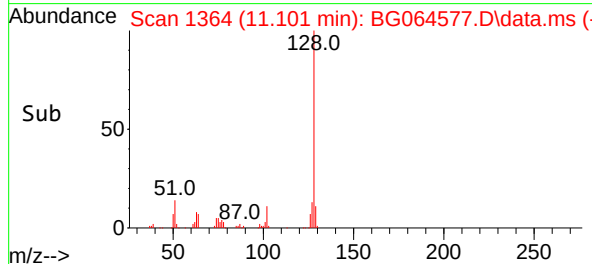
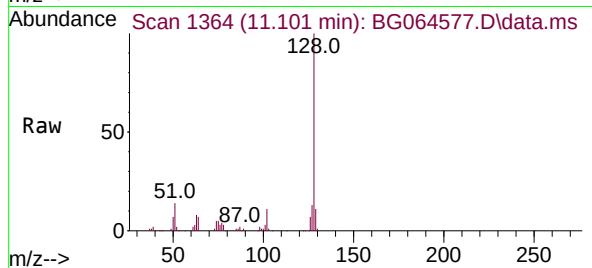




#31
Naphthalene
Concen: 35.709 ng
RT: 11.101 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

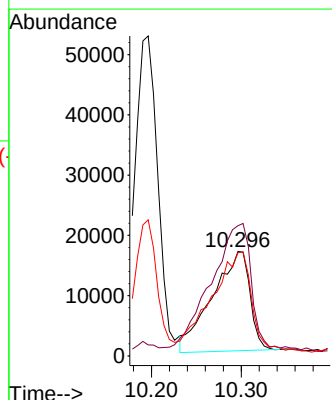
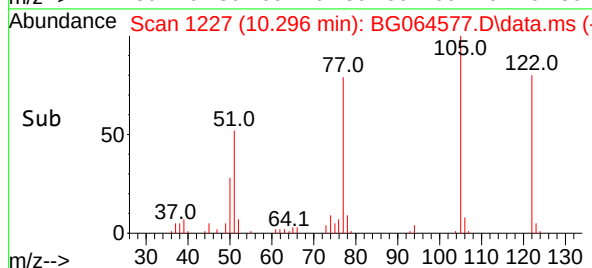
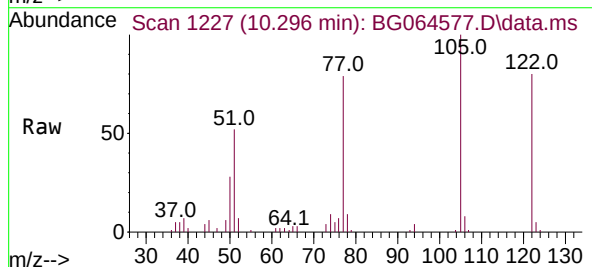
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

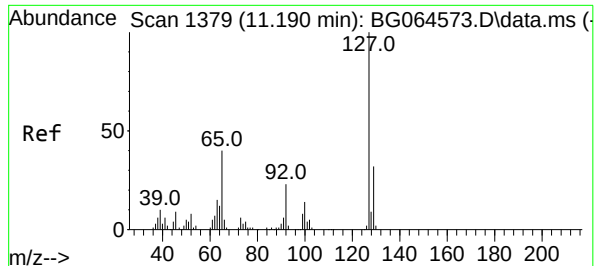
Tgt Ion:128 Resp: 311084
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 29.620 ng
RT: 10.296 min Scan# 1227
Delta R.T. -0.013 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:122 Resp: 48162
Ion Ratio Lower Upper
122 100
105 124.6 104.2 144.2
77 98.8 70.2 110.2





#33

4-Chloroaniline

Concen: 41.287 ng

RT: 11.189 min Scan# 1379

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:127 Resp: 139799

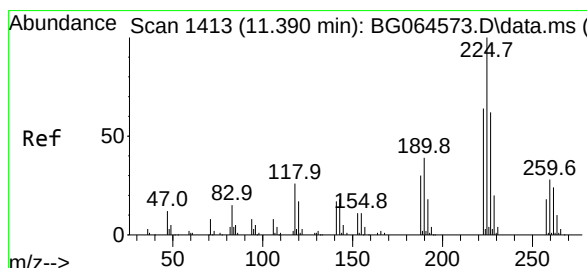
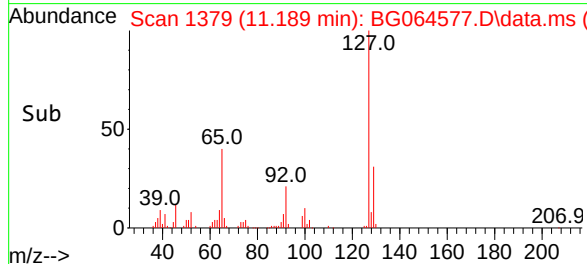
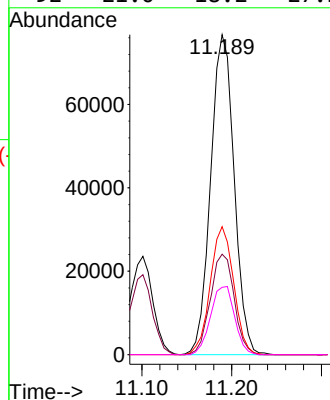
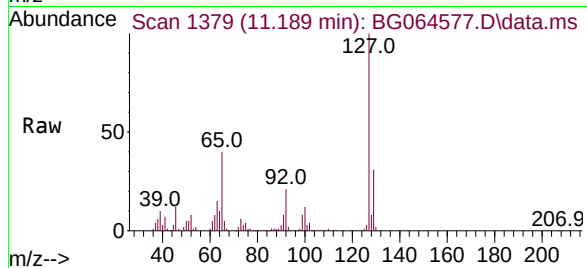
Ion Ratio Lower Upper

127 100

129 31.4 25.5 38.3

65 40.0 32.2 48.4

92 21.0 18.2 27.2



#34

Hexachlorobutadiene

Concen: 35.242 ng

RT: 11.389 min Scan# 1413

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

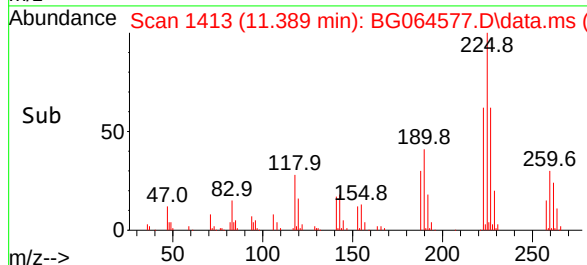
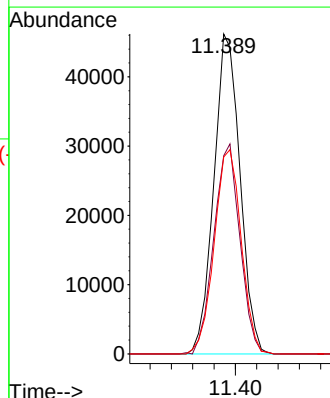
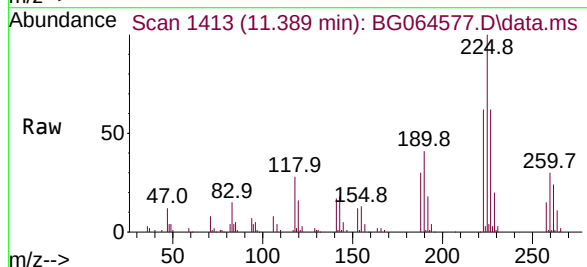
Tgt Ion:225 Resp: 78691

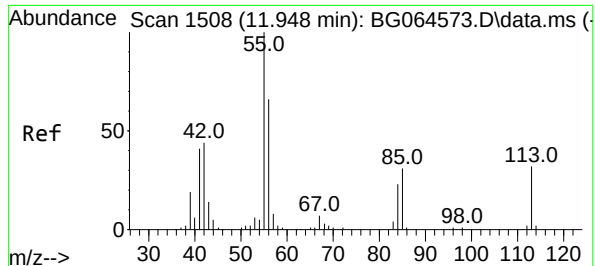
Ion Ratio Lower Upper

225 100

223 59.7 48.8 73.2

227 59.3 49.5 74.3





#35

Caprolactam

Concen: 36.326 ng

RT: 11.941 min Scan# 1508

Delta R.T. -0.007 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

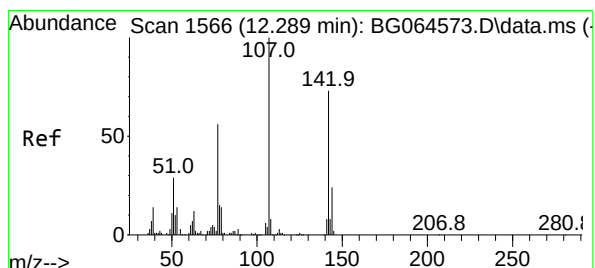
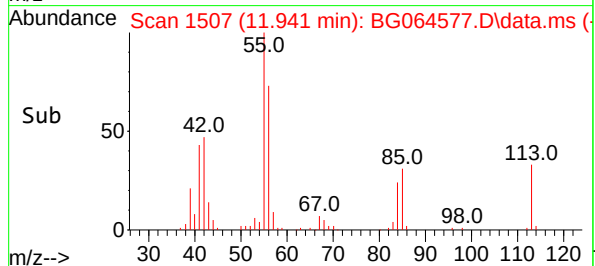
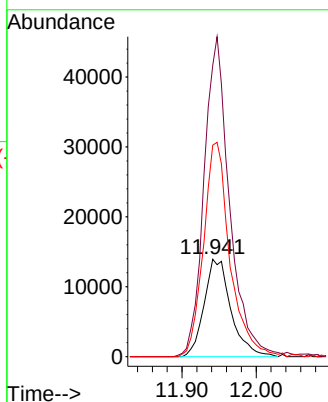
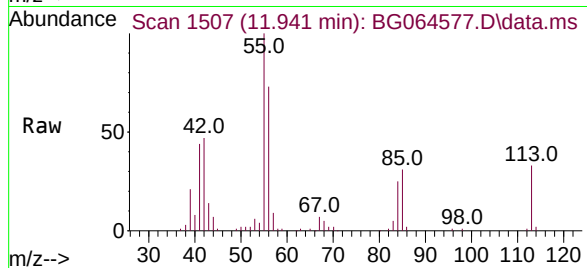
Tgt Ion:113 Resp: 35011

Ion Ratio Lower Upper

113 100

55 299.0 290.1 330.1

56 217.0 183.8 223.8



#36

4-Chloro-3-methylphenol

Concen: 38.049 ng

RT: 12.294 min Scan# 1567

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

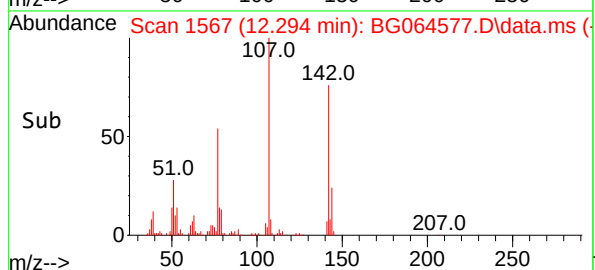
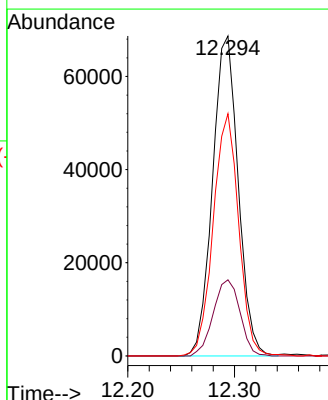
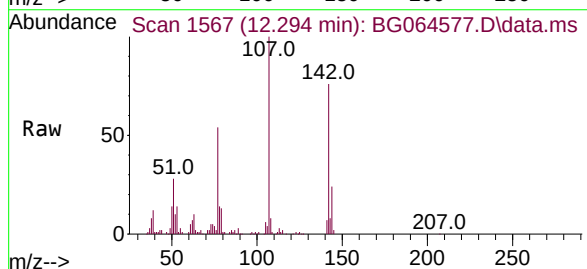
Tgt Ion:107 Resp: 114927

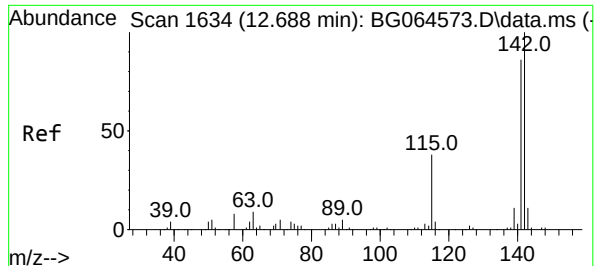
Ion Ratio Lower Upper

107 100

144 23.8 19.1 28.7

142 75.7 58.6 87.8





#37

2-Methylnaphthalene

Concen: 33.388 ng

RT: 12.693 min Scan# 1635

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

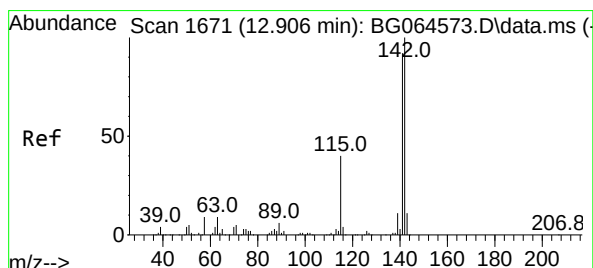
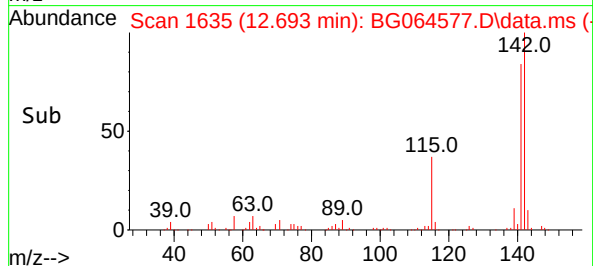
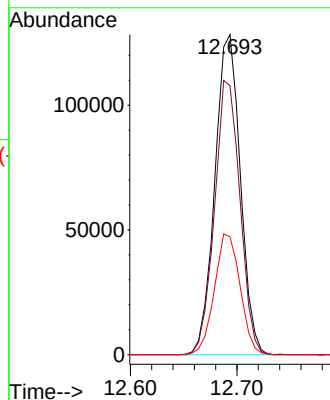
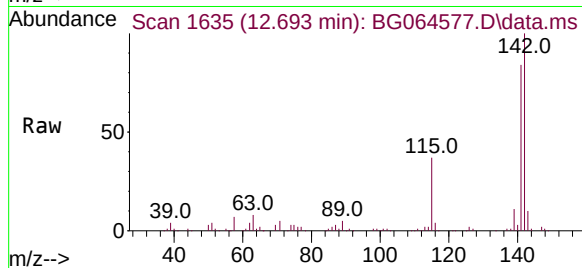
Tgt Ion:142 Resp: 213545

Ion Ratio Lower Upper

142 100

141 84.0 68.9 103.3

115 36.8 30.6 46.0



#38

1-Methylnaphthalene

Concen: 35.513 ng

RT: 12.911 min Scan# 1672

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

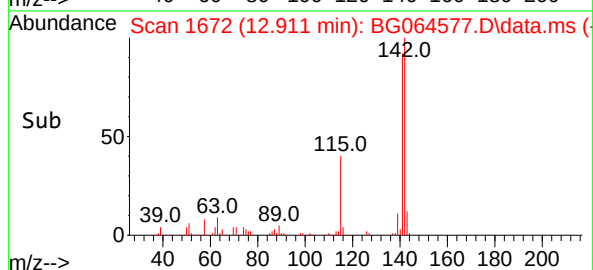
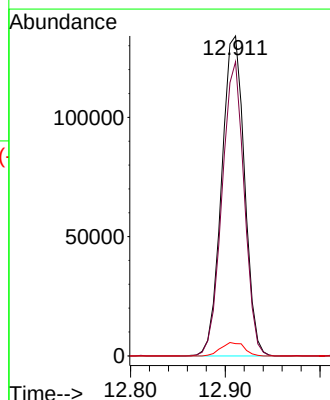
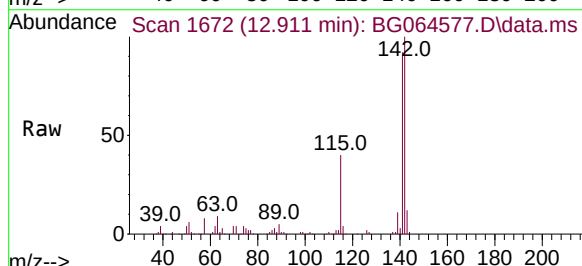
Tgt Ion:142 Resp: 224857

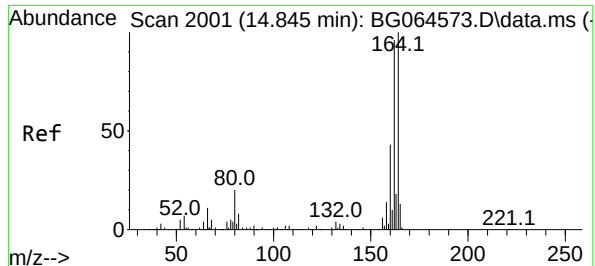
Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9

116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 2001

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

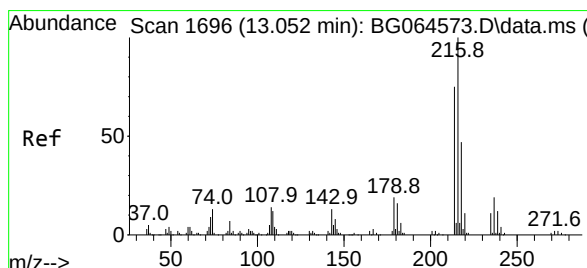
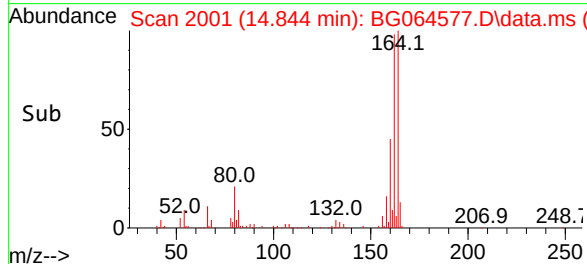
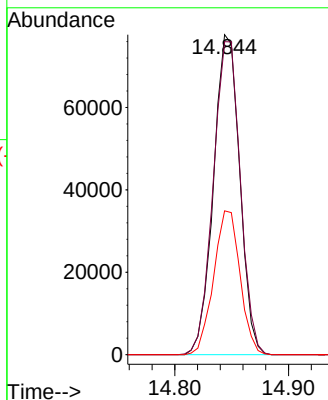
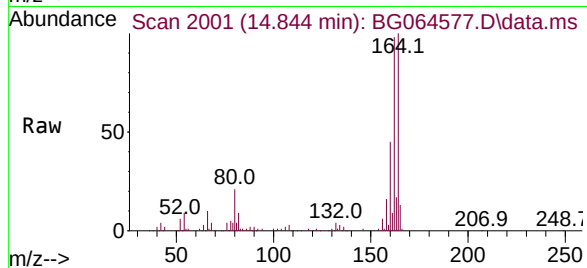
Tgt Ion:164 Resp: 124202

Ion Ratio Lower Upper

164 100

162 97.8 77.0 115.6

160 44.9 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.146 ng

RT: 13.052 min Scan# 1696

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:216 Resp: 154838

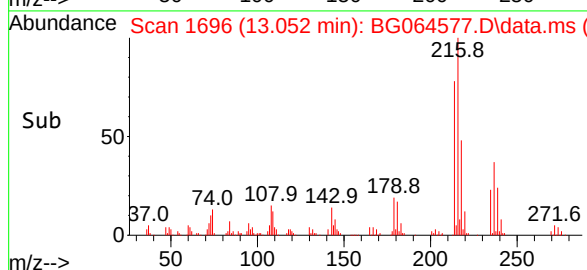
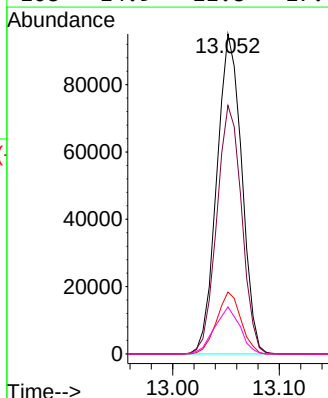
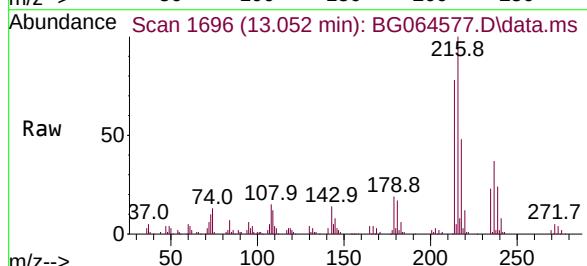
Ion Ratio Lower Upper

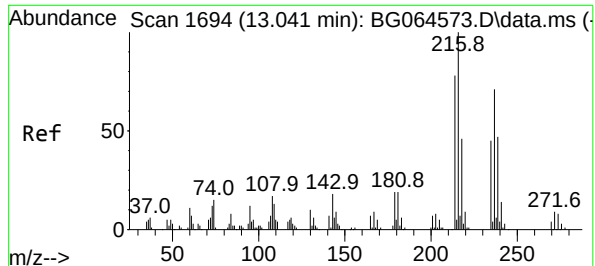
216 100

214 77.4 61.4 92.2

179 18.9 15.4 23.0

108 14.9 11.8 17.6

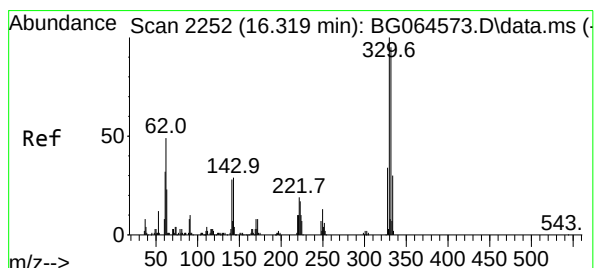
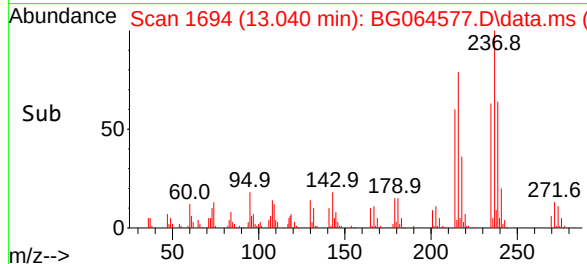
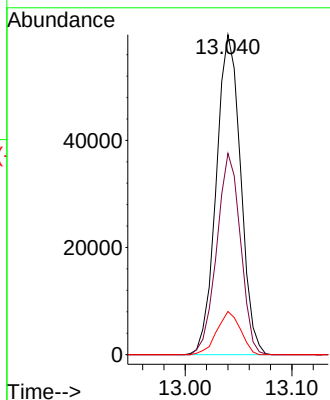
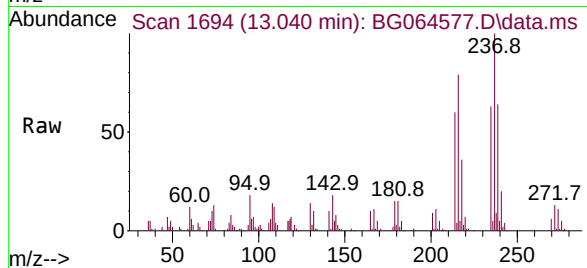




#41
Hexachlorocyclopentadiene
Concen: 50.669 ng
RT: 13.040 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

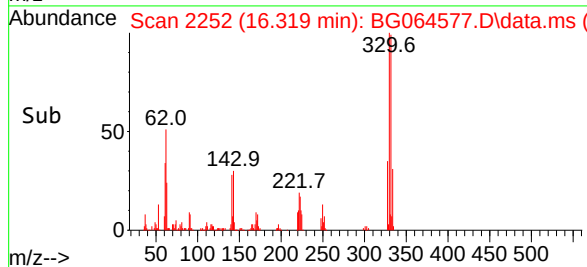
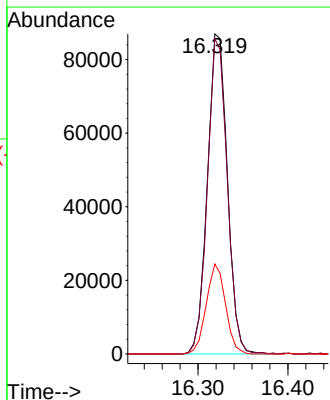
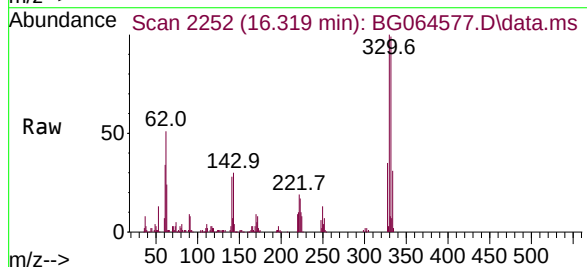
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

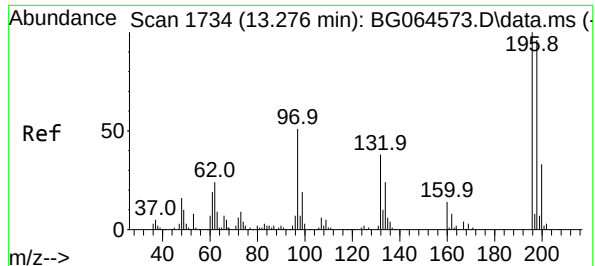
Tgt Ion:237	Resp:	95065
Ion Ratio	Lower	Upper
237	100	
235	62.9	44.1 84.1
272	13.5	0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 75.074 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:330	Resp:	134578
Ion Ratio	Lower	Upper
330	100	
332	97.4	78.0 117.0
141	27.0	21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 38.726 ng

RT: 13.281 min Scan# 1735

Delta R.T. 0.005 min

Lab File: BG064577.D

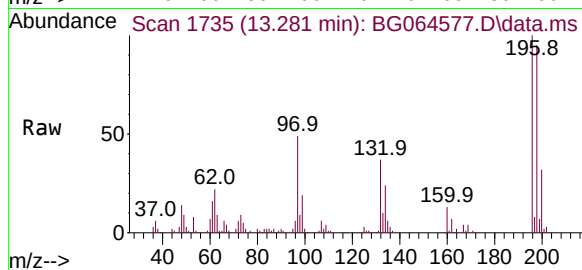
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



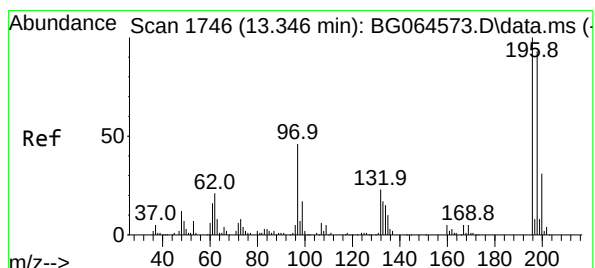
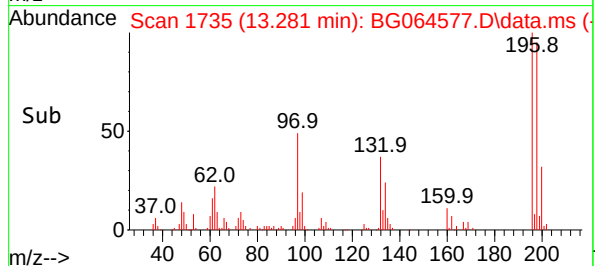
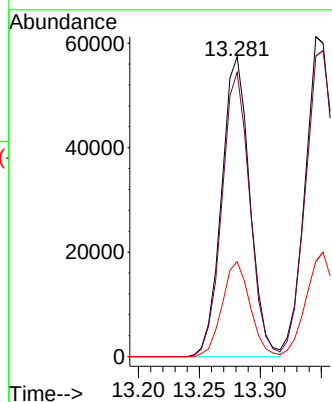
Tgt Ion:196 Resp: 92335

Ion Ratio Lower Upper

196 100

198 94.8 76.6 115.0

200 31.7 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 37.228 ng

RT: 13.346 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:196 Resp: 102433

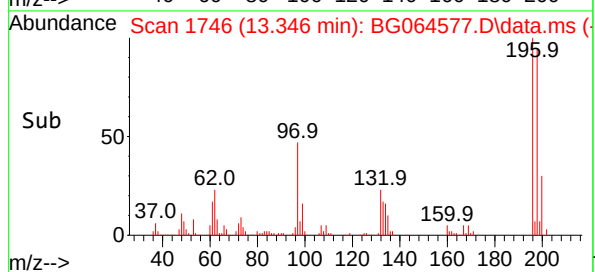
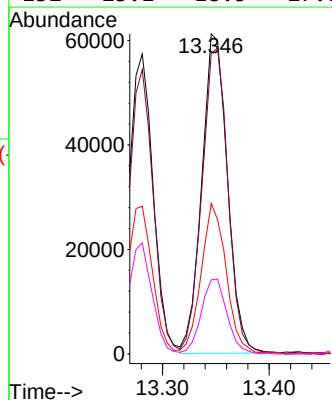
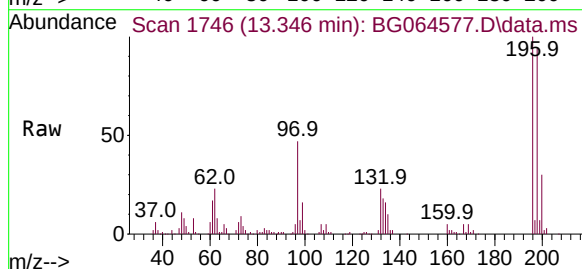
Ion Ratio Lower Upper

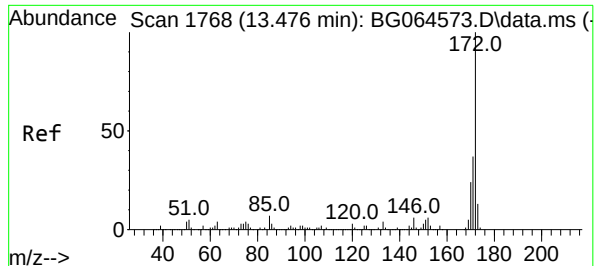
196 100

198 93.9 74.2 111.4

97 47.0 37.0 55.6

132 23.1 18.5 27.7

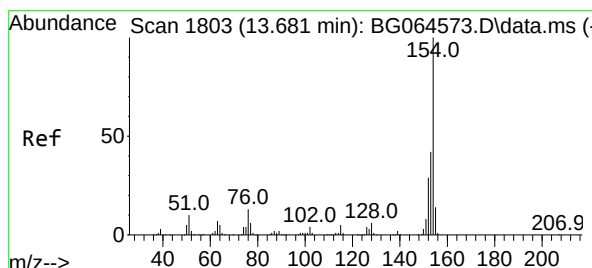
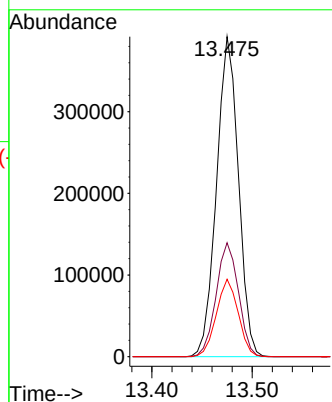
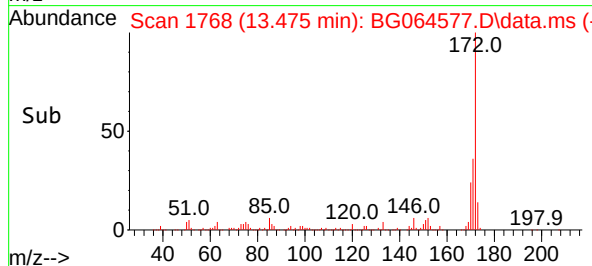
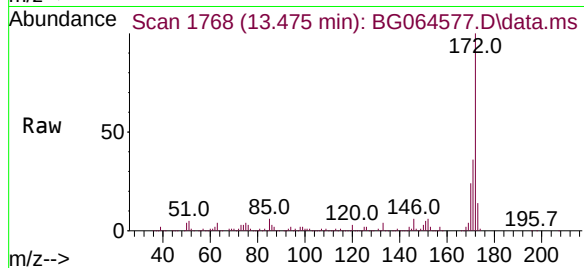




#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

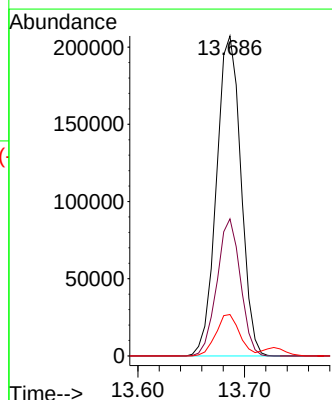
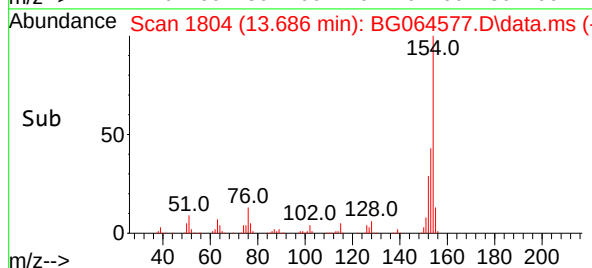
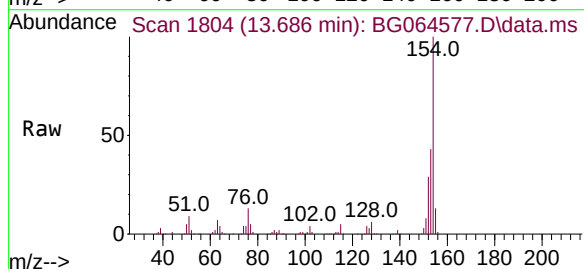
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

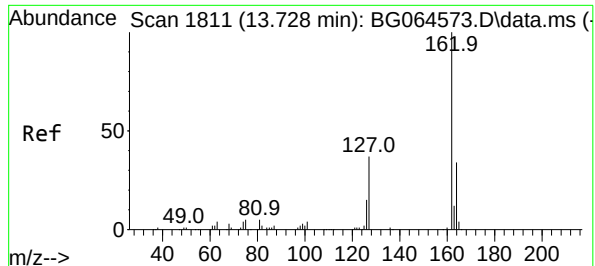
Tgt Ion:172 Resp: 594887
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 37.331 ng
RT: 13.686 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 329629
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 12.9 0.0 33.5





#47

2-Chloronaphthalene

Concen: 36.205 ng

RT: 13.727 min Scan# 1811

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

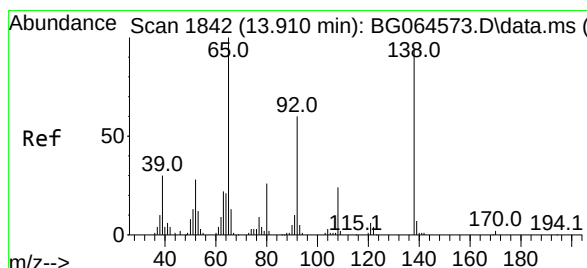
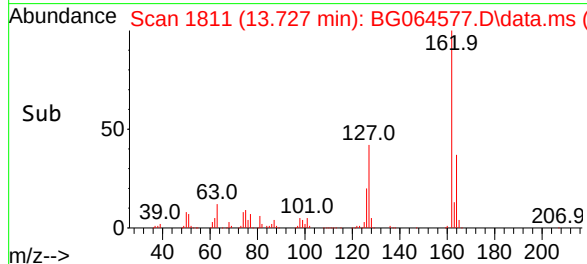
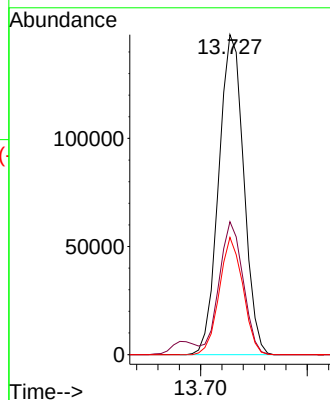
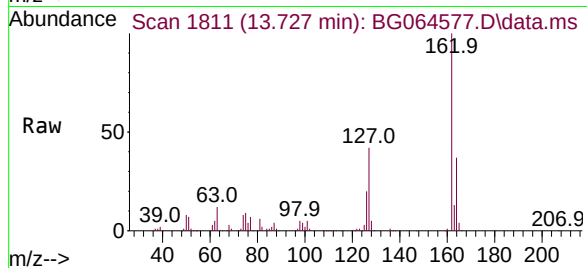
Tgt Ion:162 Resp: 241311

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.2

164 36.6 27.5 41.3



#48

2-Nitroaniline

Concen: 36.129 ng

RT: 13.910 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

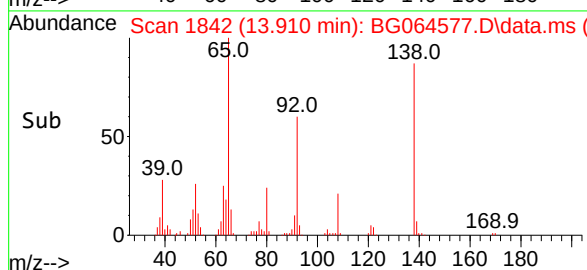
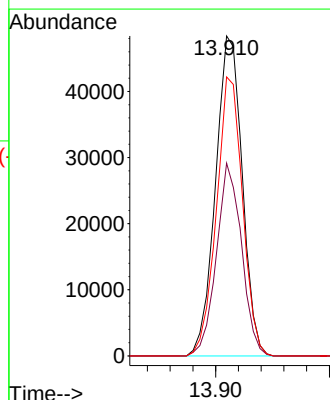
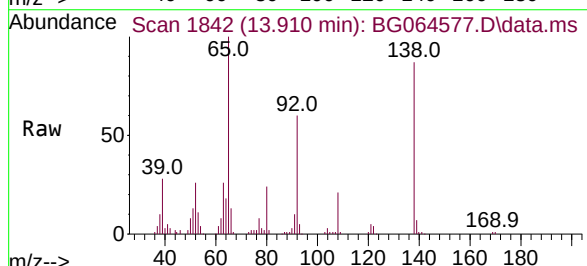
Tgt Ion: 65 Resp: 78927

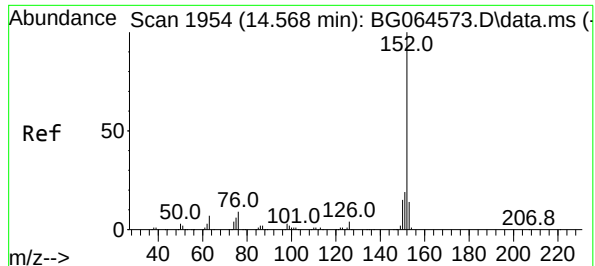
Ion Ratio Lower Upper

65 100

92 60.2 48.3 72.5

138 87.2 74.9 112.3





#49

Acenaphthylene

Concen: 41.457 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

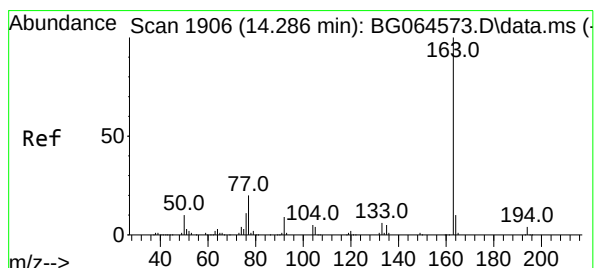
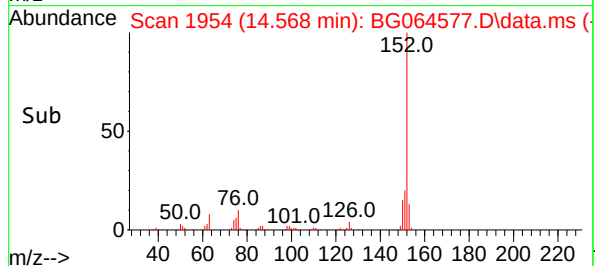
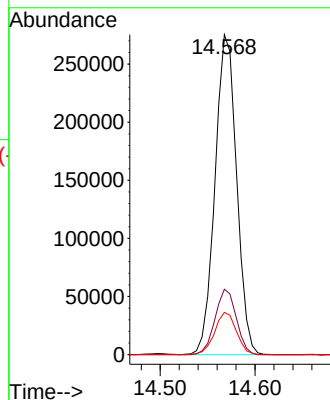
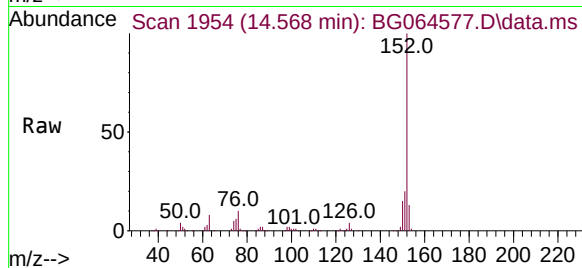
Tgt Ion:152 Resp: 435836

Ion Ratio Lower Upper

152 100

151 20.5 15.4 23.2

153 13.2 11.0 16.4



#50

Dimethylphthalate

Concen: 36.890 ng

RT: 14.292 min Scan# 1907

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

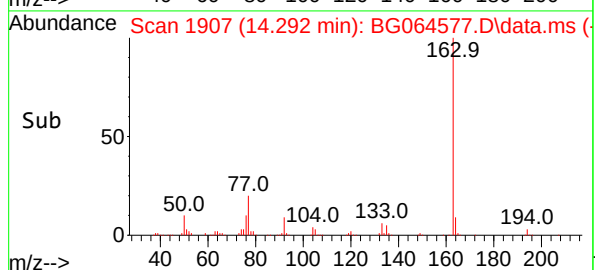
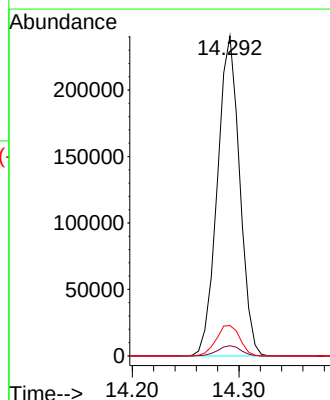
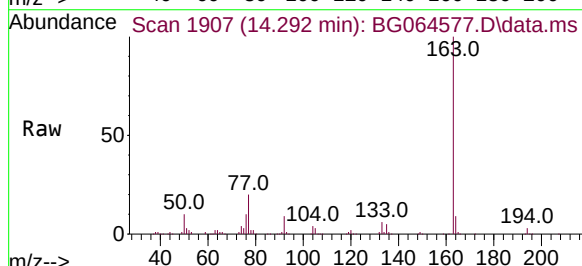
Tgt Ion:163 Resp: 350600

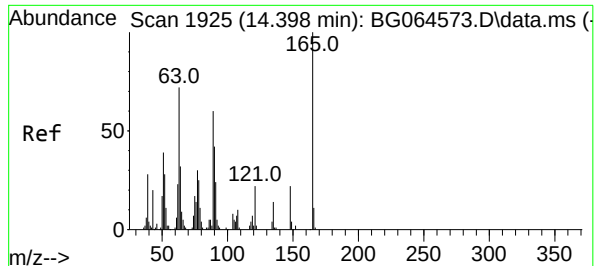
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 9.5 7.7 11.5

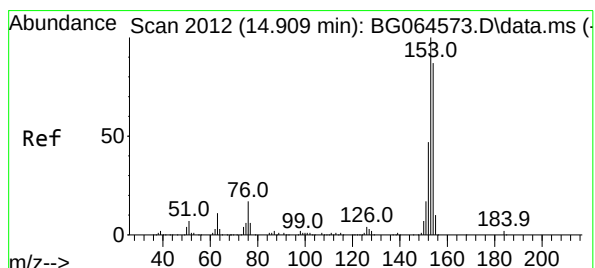
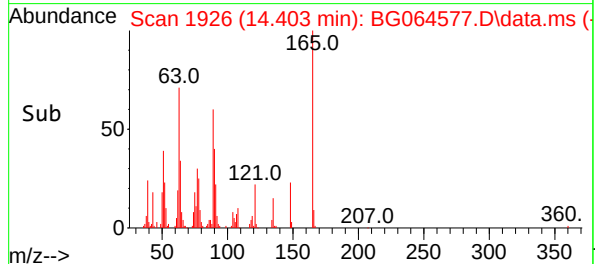
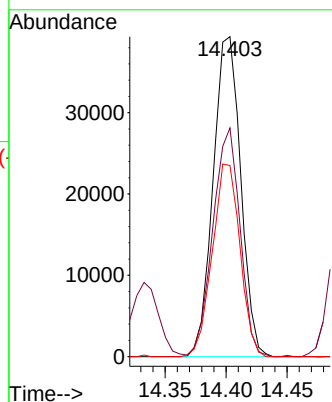
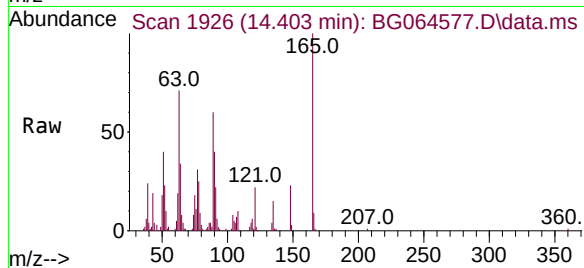




#51
2,6-Dinitrotoluene
Concen: 39.971 ng
RT: 14.403 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

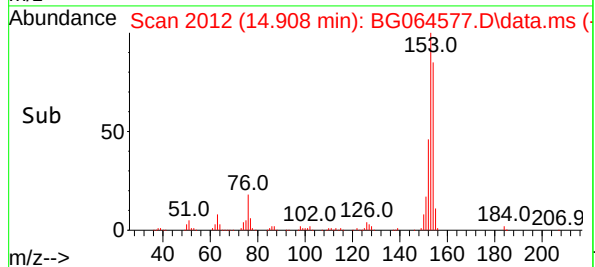
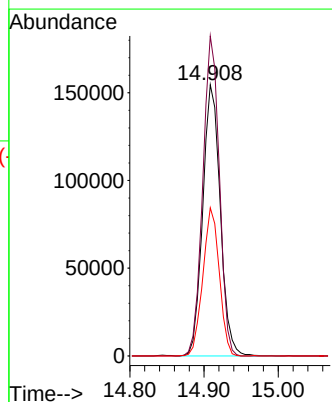
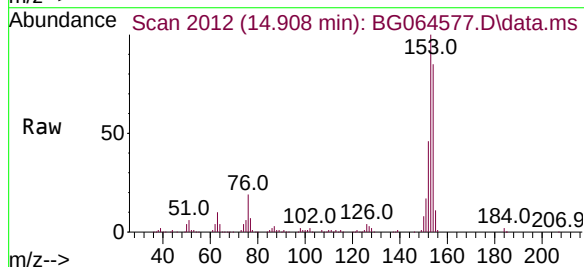
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

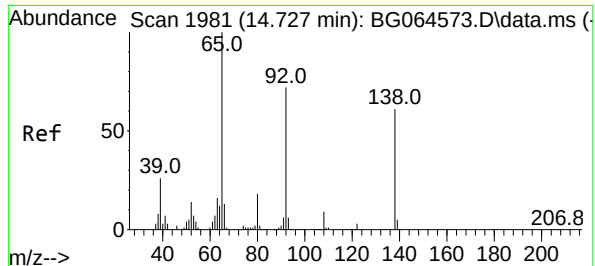
Tgt Ion:165 Resp: 61784
Ion Ratio Lower Upper
165 100
63 71.5 57.4 86.0
89 59.7 47.8 71.8



#52
Acenaphthene
Concen: 35.340 ng
RT: 14.908 min Scan# 2012
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 253833
Ion Ratio Lower Upper
154 100
153 118.0 92.2 138.4
152 54.6 43.2 64.8

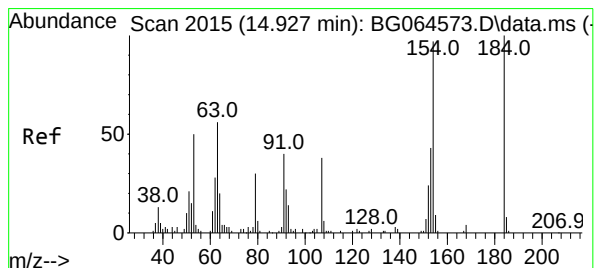
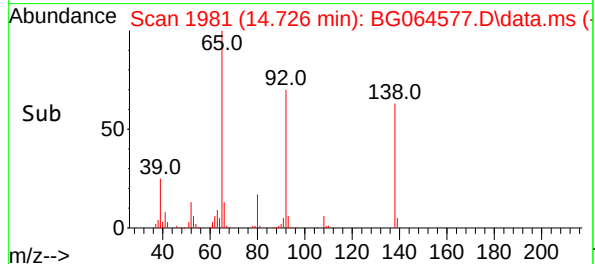
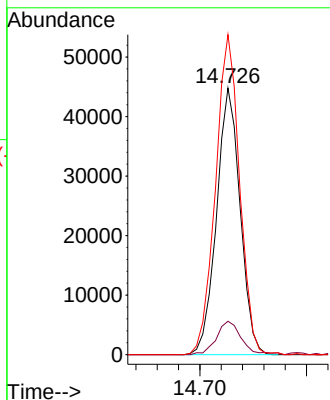
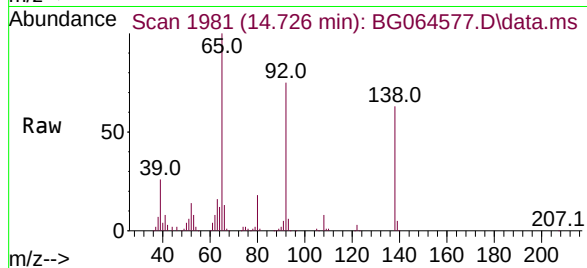




#53
3-Nitroaniline
Concen: 42.080 ng
RT: 14.726 min Scan# 1981
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

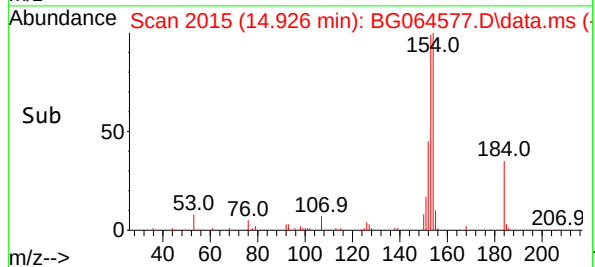
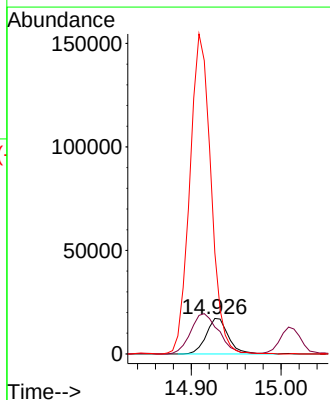
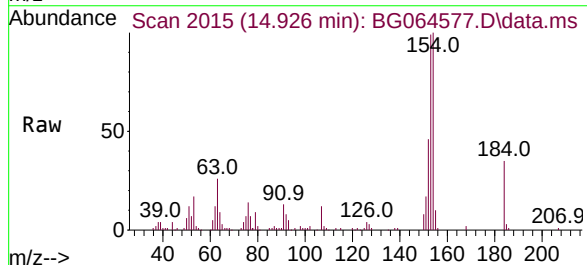
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

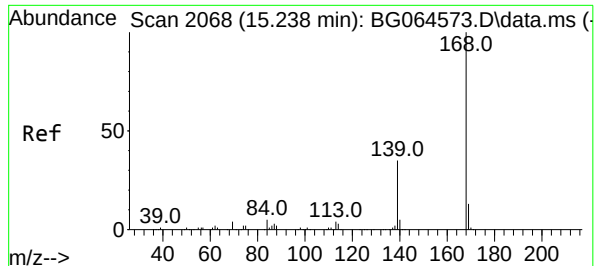
Tgt Ion:138 Resp: 68729
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.0
92 120.1 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 33.991 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:184 Resp: 29394
Ion Ratio Lower Upper
184 100
63 75.8 56.6 85.0
154 285.9 158.6 238.0#





#55

Dibenzenofuran

Concen: 36.096 ng

RT: 15.237 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

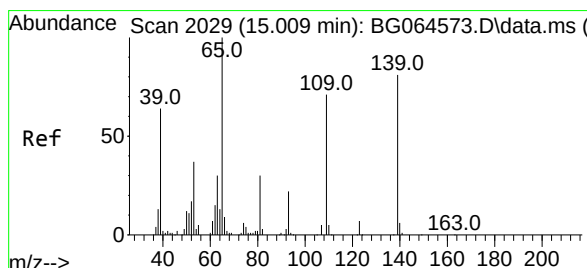
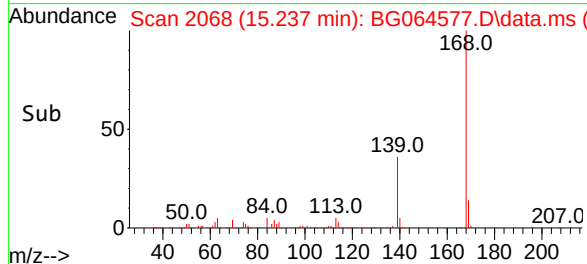
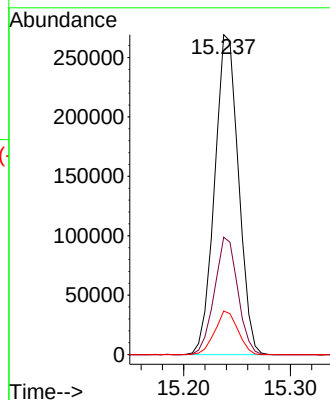
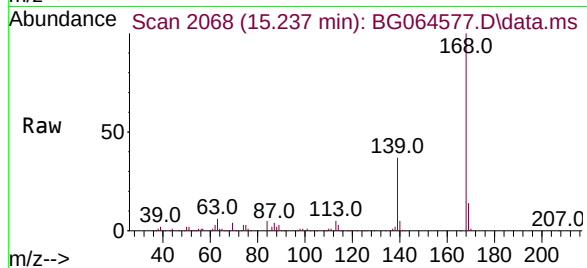
Tgt Ion:168 Resp: 419154

Ion Ratio Lower Upper

168 100

139 36.7 27.8 41.8

169 13.6 10.3 15.5



#56

4-Nitrophenol

Concen: 33.818 ng

RT: 15.014 min Scan# 2030

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

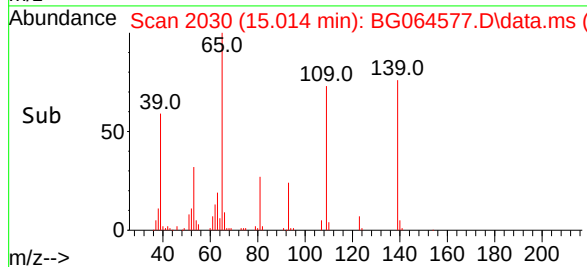
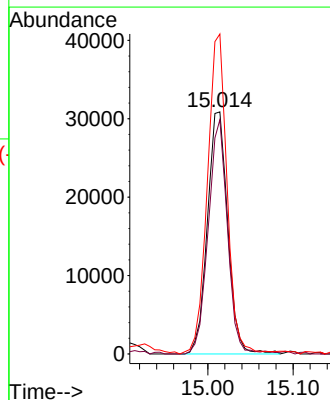
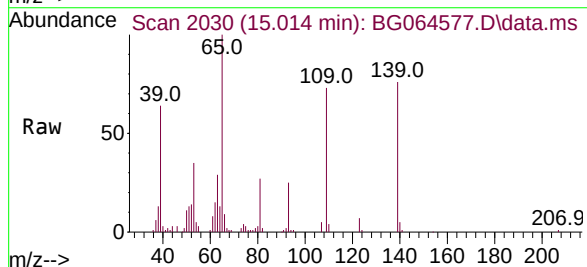
Tgt Ion:139 Resp: 51210

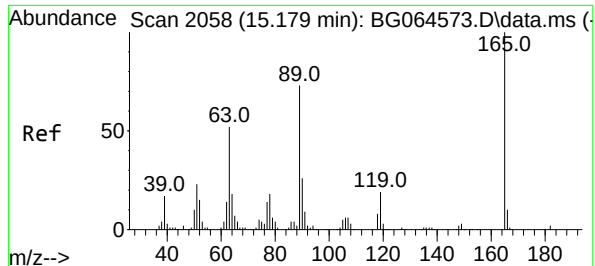
Ion Ratio Lower Upper

139 100

109 96.8 67.8 107.8

65 132.2 103.7 143.7





#57

2,4-Dinitrotoluene

Concen: 35.957 ng

RT: 15.185 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BG064577.D

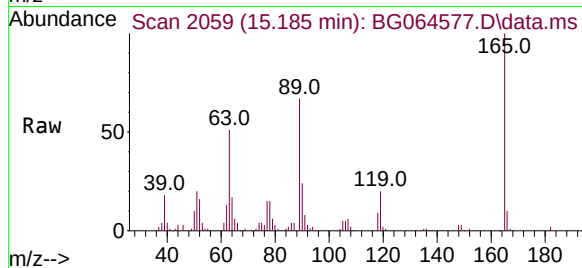
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion:165 Resp: 85201

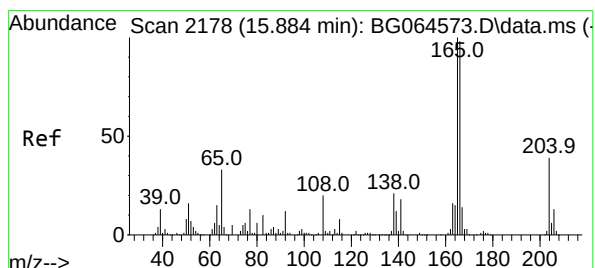
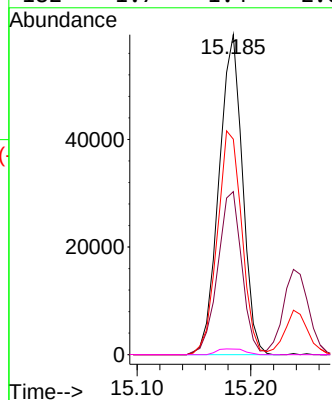
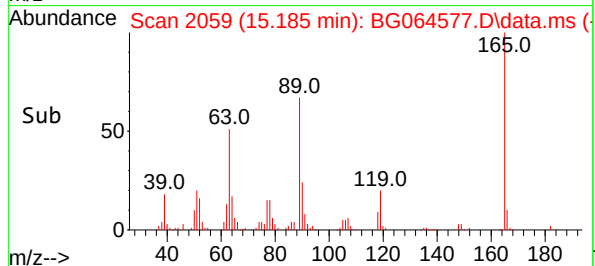
Ion Ratio Lower Upper

165 100

63 50.9 41.8 62.8

89 67.3 58.1 87.1

182 1.7 1.4 2.0



#58

Fluorene

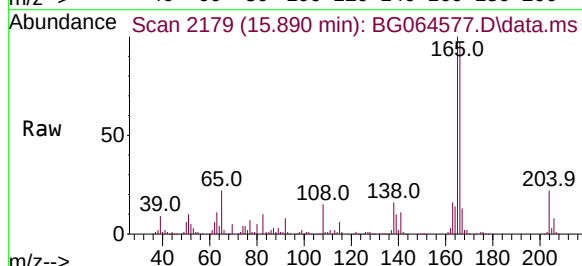
Concen: 36.238 ng

RT: 15.890 min Scan# 2179

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47



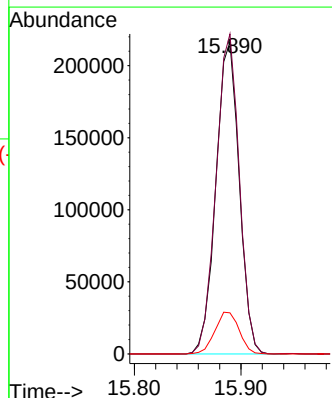
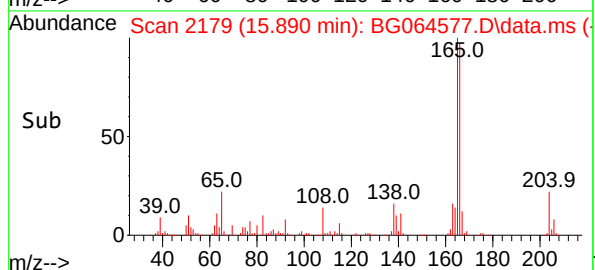
Tgt Ion:166 Resp: 328636

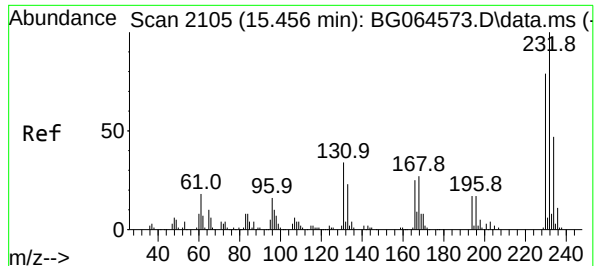
Ion Ratio Lower Upper

166 100

165 102.6 81.5 122.3

167 13.1 11.4 17.0

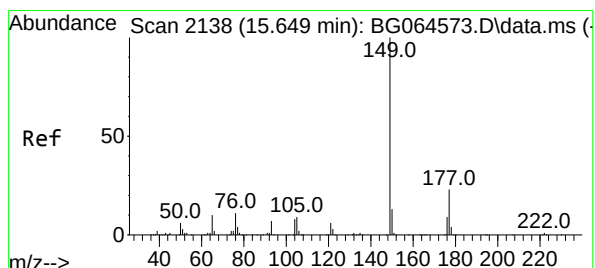
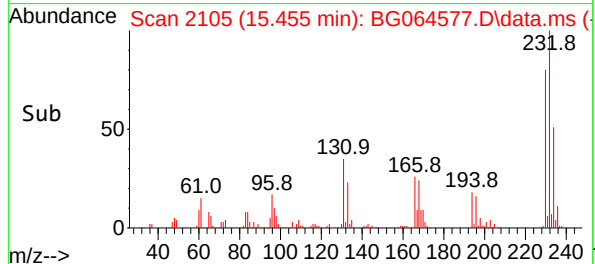
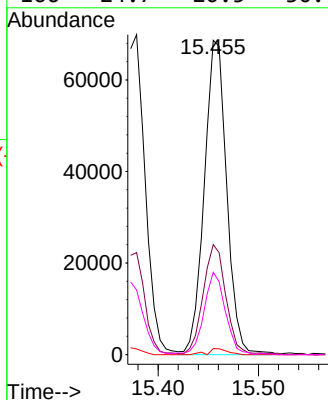
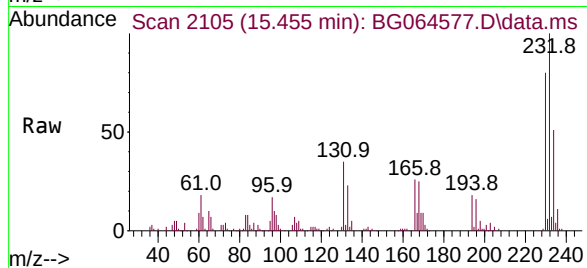




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

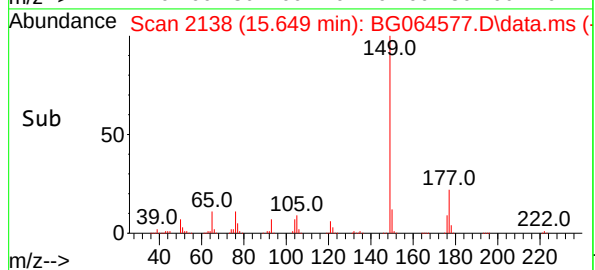
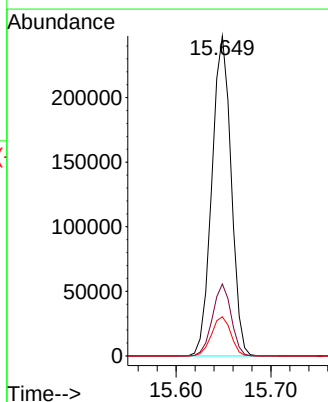
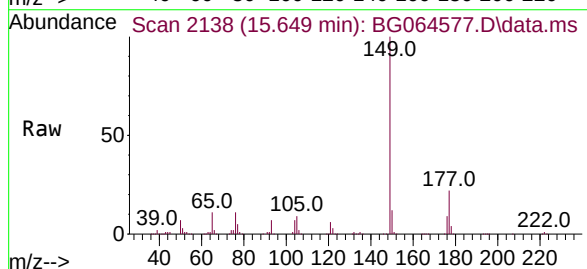
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

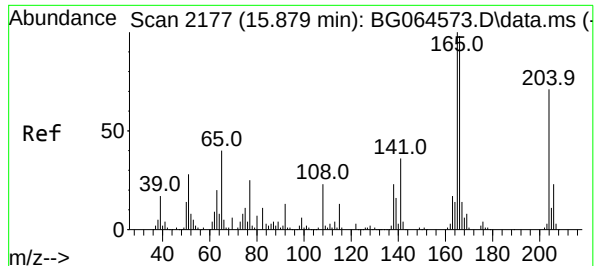
Tgt Ion:232 Resp: 106626
Ion Ratio Lower Upper
232 100
131 35.6 26.7 40.1
130 1.7 1.6 2.4
166 24.7 20.5 30.7



#60
Diethylphthalate
Concen: 35.961 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

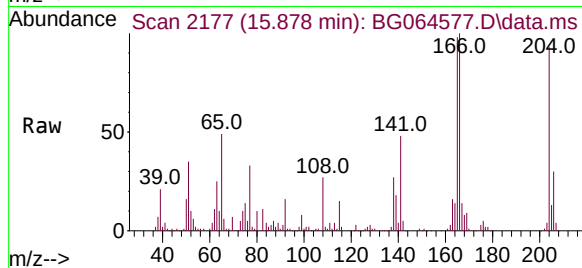
Tgt Ion:149 Resp: 348964
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.2 10.2 15.4



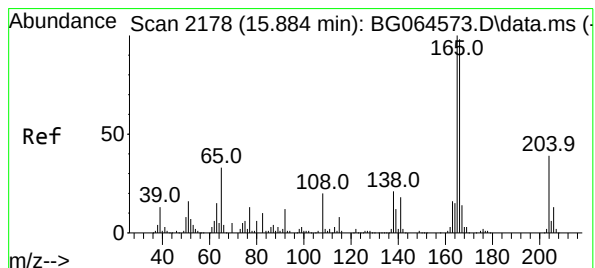
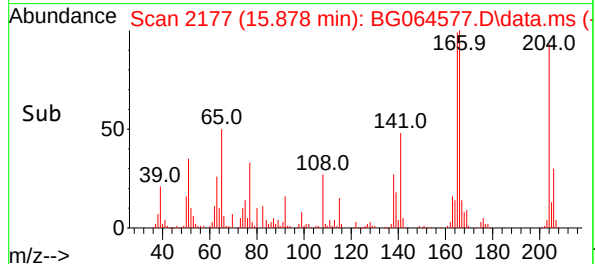
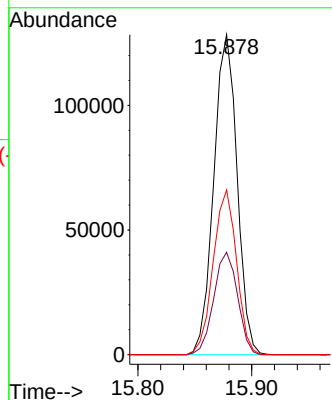


#61
4-Chlorophenyl-phenylether
Concen: 35.902 ng
RT: 15.878 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

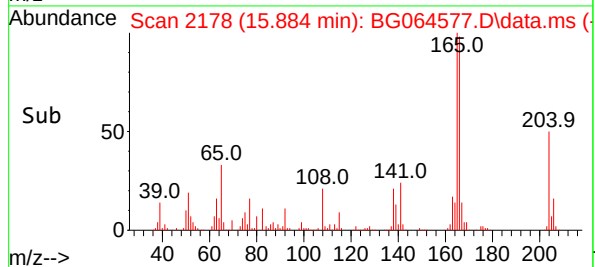
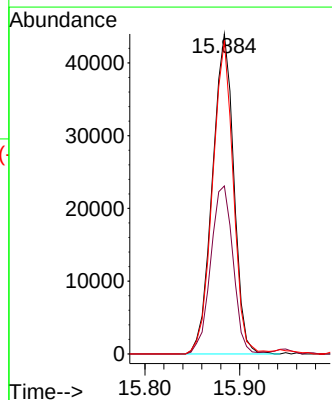
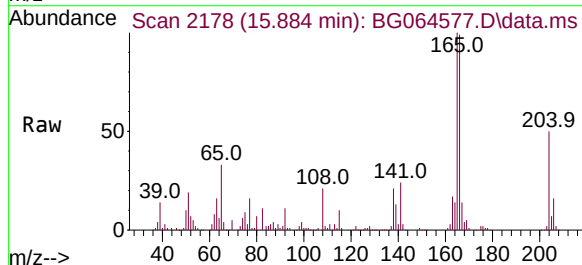


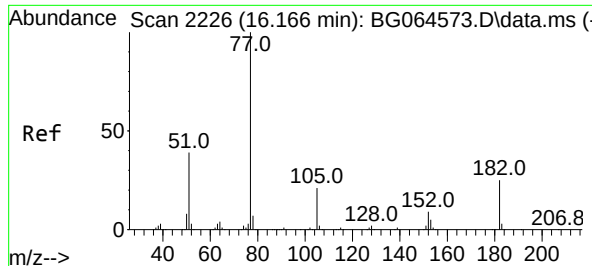
Tgt Ion:204 Resp: 182714
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.5 40.6 60.8



#62
4-Nitroaniline
Concen: 37.867 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:138 Resp: 68807
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 97.9 75.6 115.6

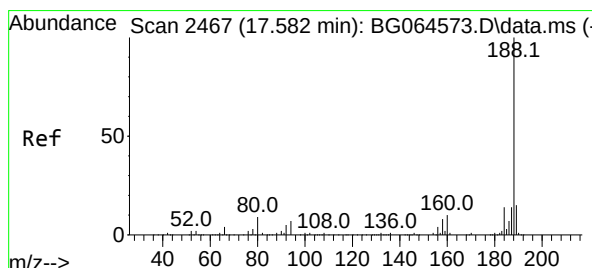
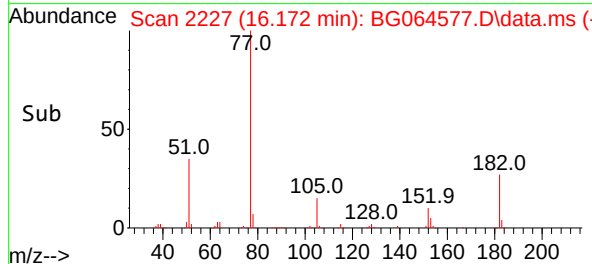
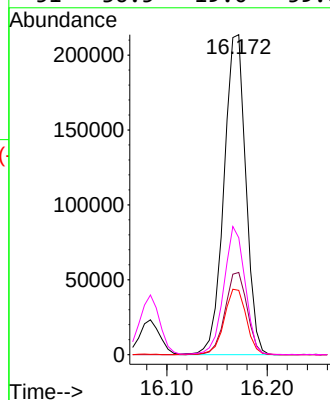
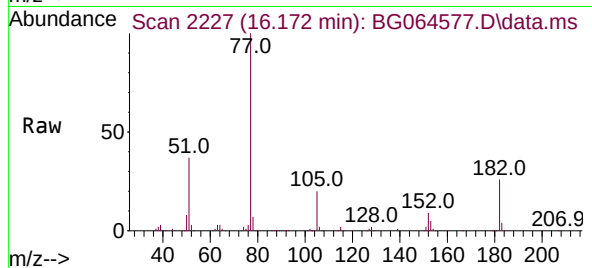




#63
Azobenzene
Concen: 36.325 ng
RT: 16.172 min Scan# 2227
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

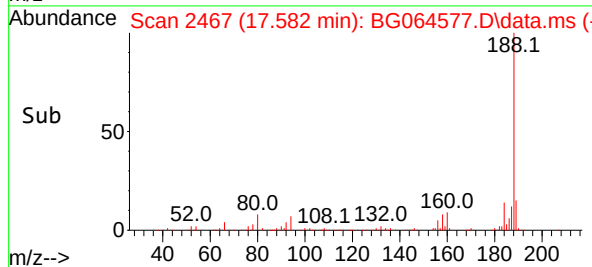
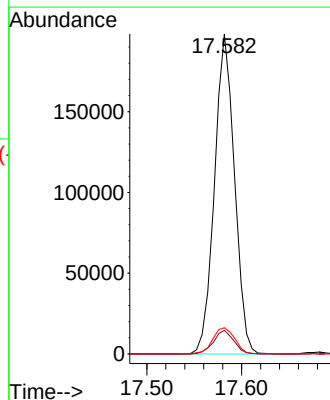
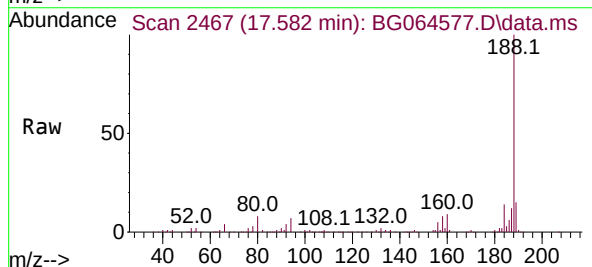
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

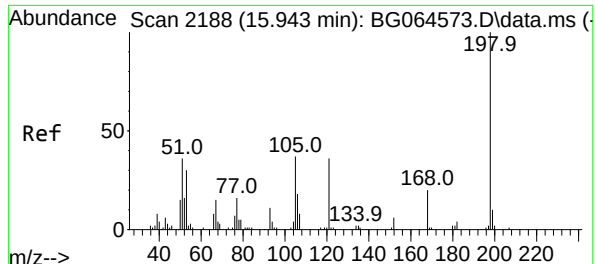
Tgt Ion: 77	Resp: 323432
Ion Ratio	Lower Upper
77 100	
182 25.7	4.9 44.9
105 20.1	1.3 41.3
51 36.5	19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 188	Resp: 290051
Ion Ratio	Lower Upper
188 100	
94 7.4	5.7 8.5
80 8.2	6.8 10.2

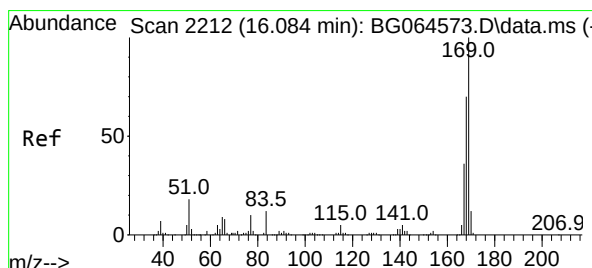
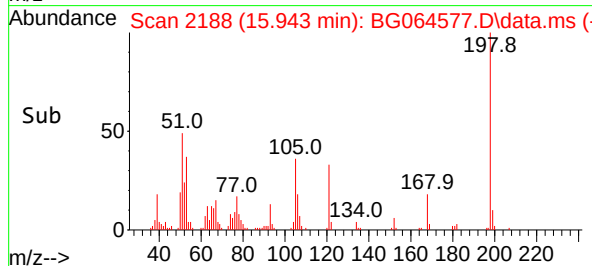
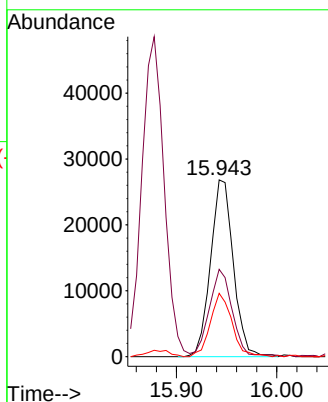
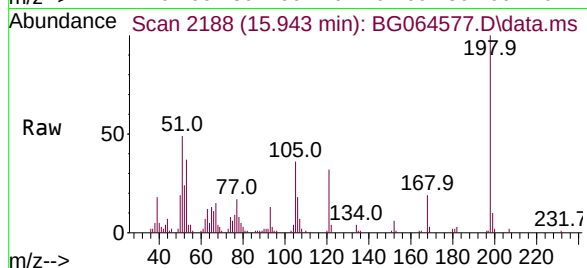




#65
4,6-Dinitro-2-methylphenol
Concen: 34.885 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

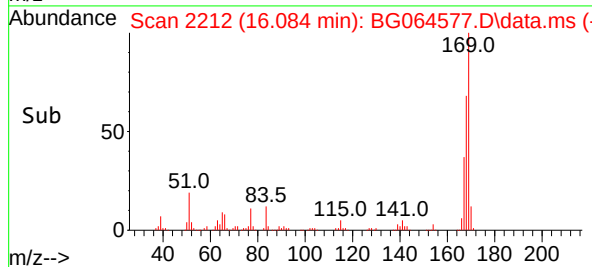
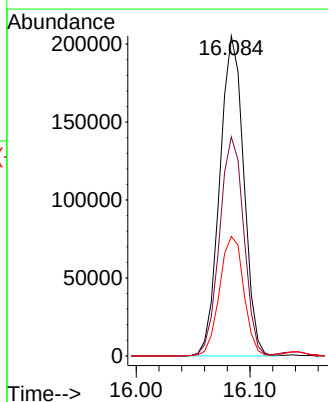
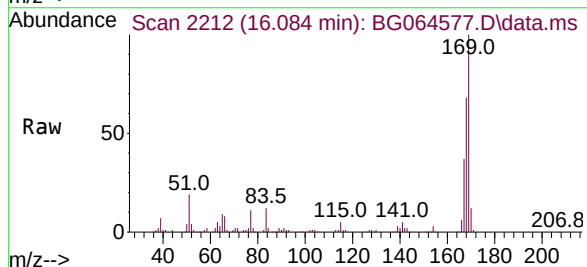
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

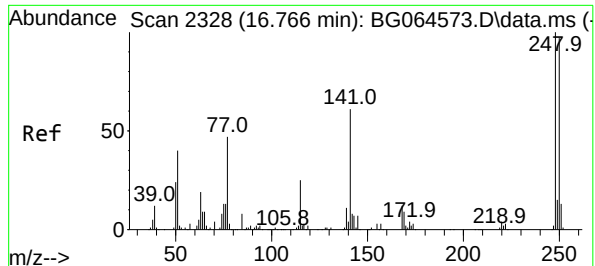
Tgt Ion:198 Resp: 42391
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 35.9 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 38.325 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:169 Resp: 300274
Ion Ratio Lower Upper
169 100
168 68.4 56.3 84.5
167 37.3 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 38.044 ng

RT: 16.771 min Scan# 2328

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

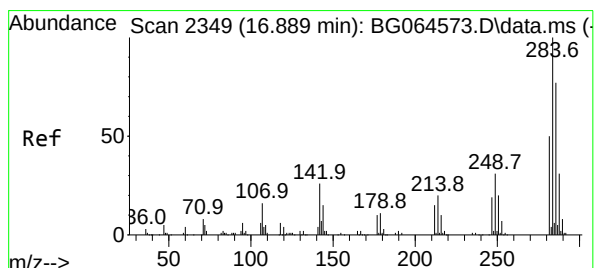
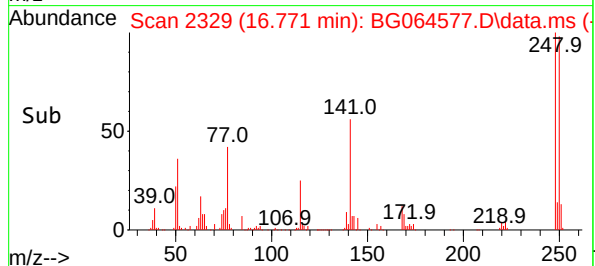
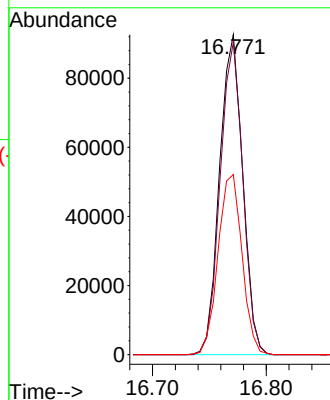
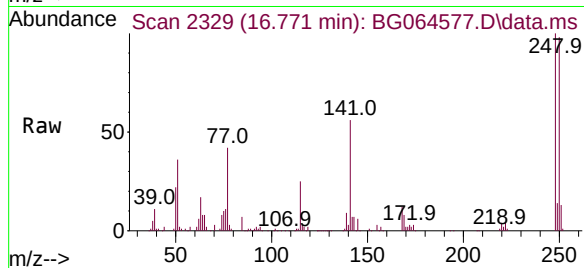
Tgt Ion:248 Resp: 130765

Ion Ratio Lower Upper

248 100

250 97.6 77.7 116.5

141 56.3 48.6 72.8



#68

Hexachlorobenzene

Concen: 36.971 ng

RT: 16.888 min Scan# 2349

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

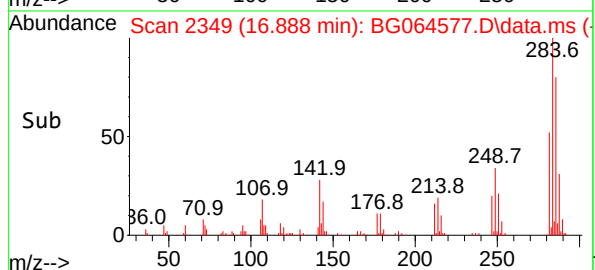
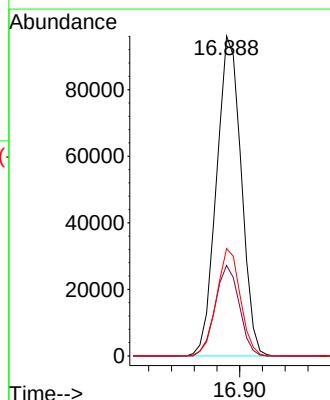
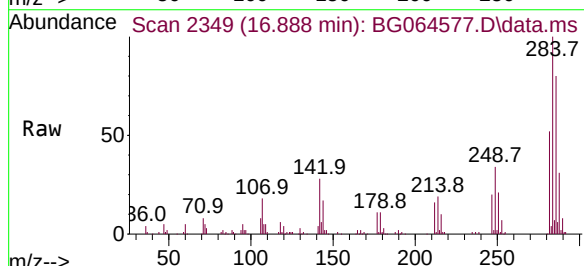
Tgt Ion:284 Resp: 144974

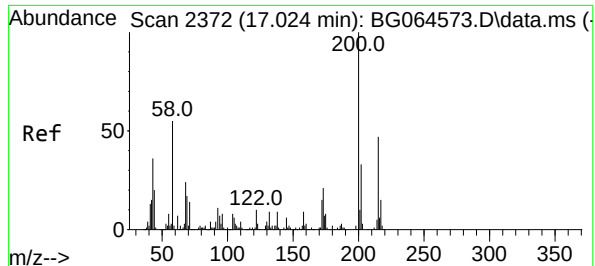
Ion Ratio Lower Upper

284 100

142 28.3 21.0 31.6

249 33.5 24.9 37.3





#69

Atrazine

Concen: 38.558 ng

RT: 17.024 min Scan# 2372

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

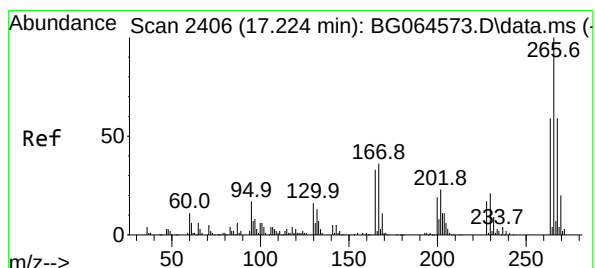
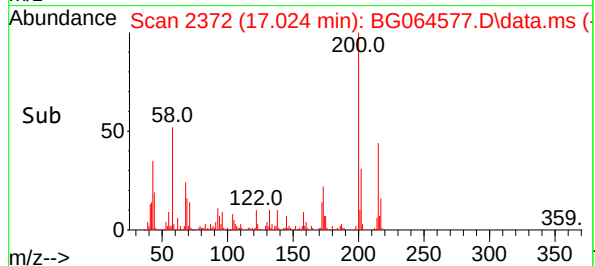
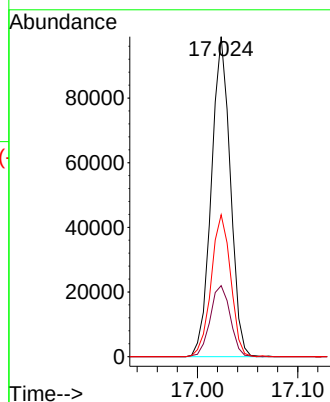
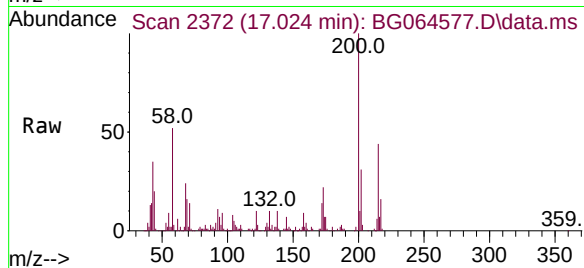
Tgt Ion:200 Resp: 130007

Ion Ratio Lower Upper

200 100

173 22.2 0.9 40.9

215 44.3 27.0 67.0



#70

Pentachlorophenol

Concen: 34.829 ng

RT: 17.223 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

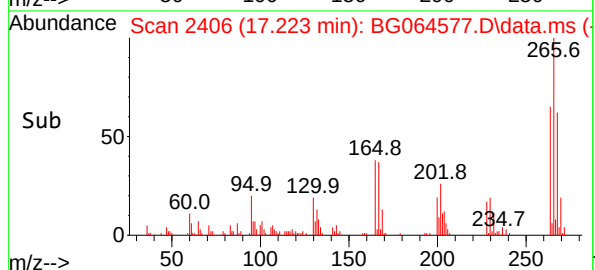
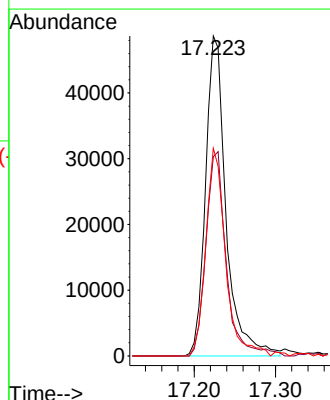
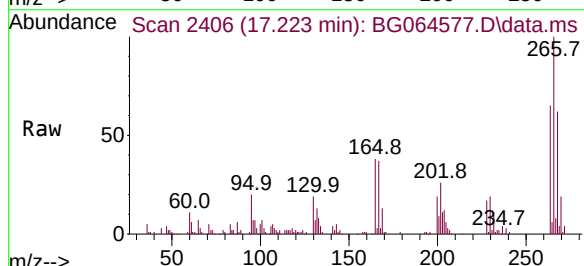
Tgt Ion:266 Resp: 85166

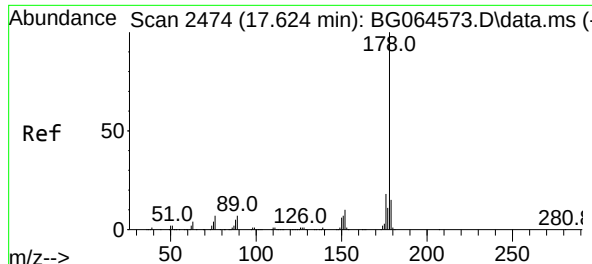
Ion Ratio Lower Upper

266 100

268 66.7 50.3 75.5

264 70.5 47.3 70.9

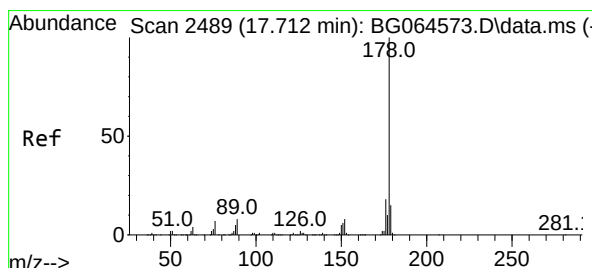
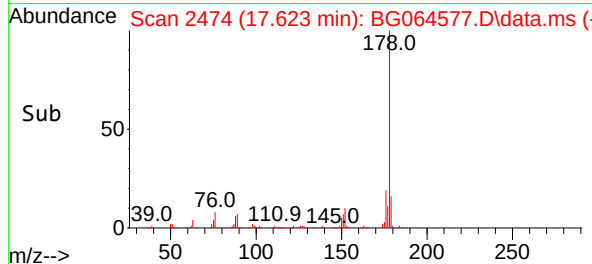
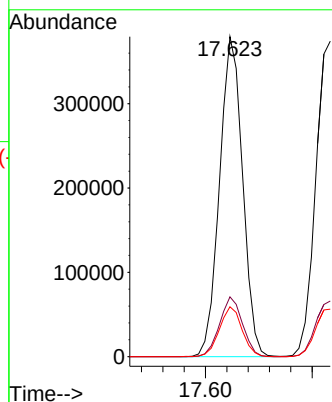
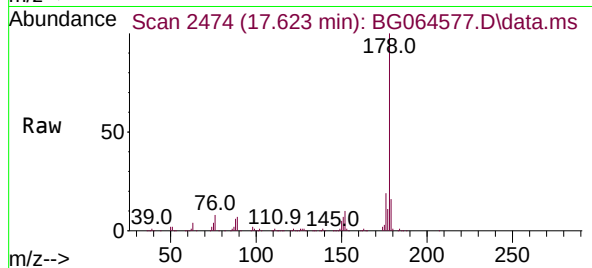




#71
Phenanthrene
Concen: 35.925 ng
RT: 17.623 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

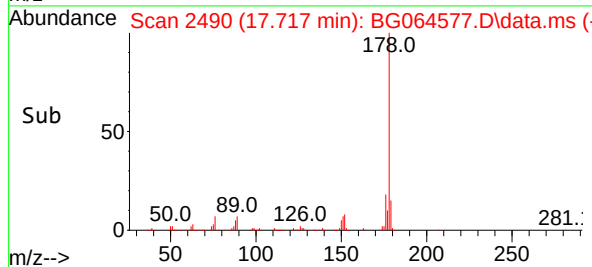
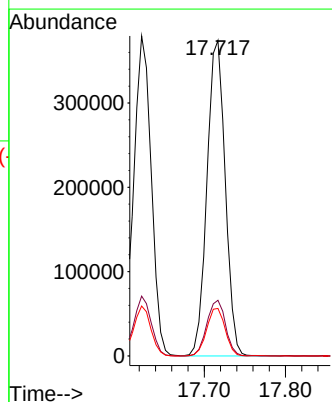
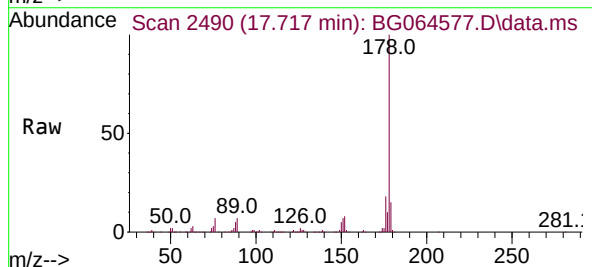
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

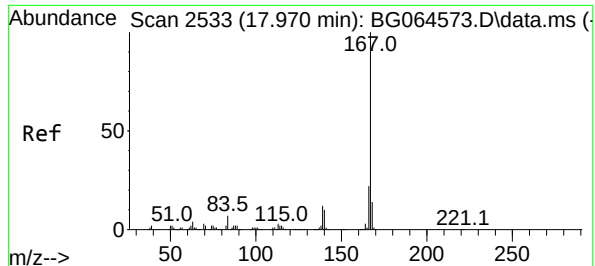
Tgt Ion:178 Resp: 569825
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.4



#72
Anthracene
Concen: 36.210 ng
RT: 17.717 min Scan# 2490
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:178 Resp: 584246
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.1 12.4 18.6

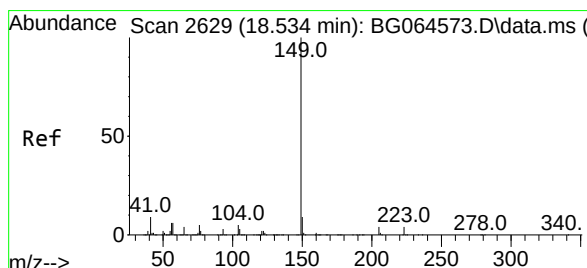
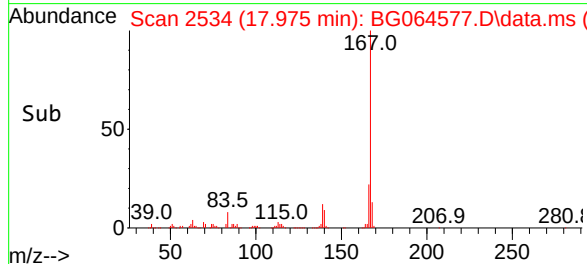
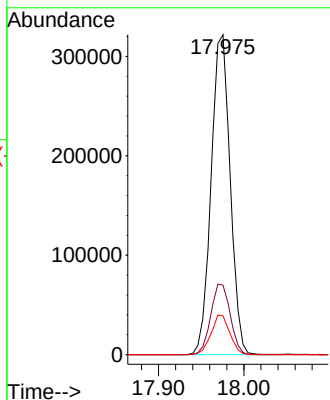
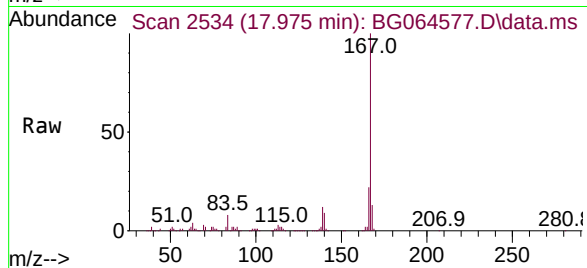




#73
Carbazole
Concen: 35.061 ng
RT: 17.975 min Scan# 2533
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

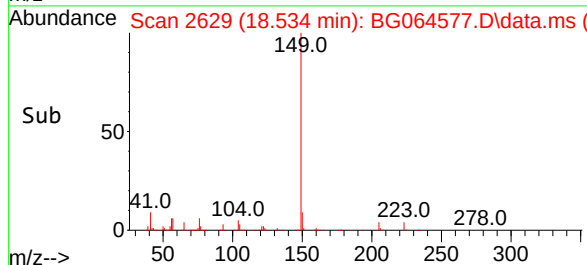
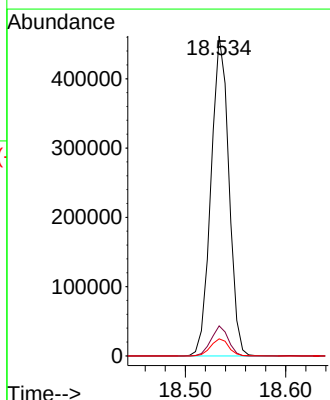
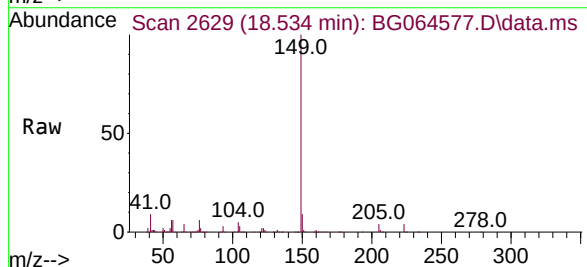
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

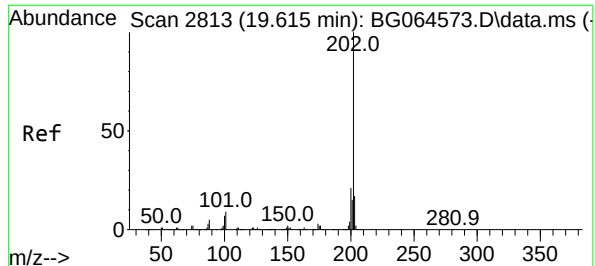
Tgt Ion:167 Resp: 498849
Ion Ratio Lower Upper
167 100
166 21.7 17.9 26.9
139 12.1 9.7 14.5



#74
Di-n-butylphthalate
Concen: 34.688 ng
RT: 18.534 min Scan# 2629
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 570718
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 5.3 4.1 6.1

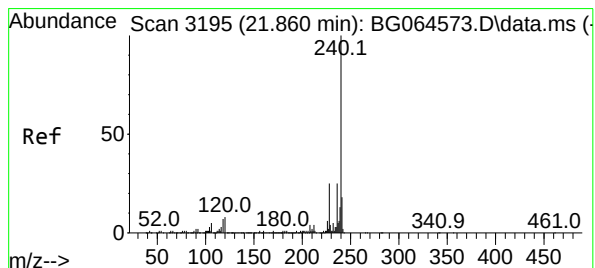
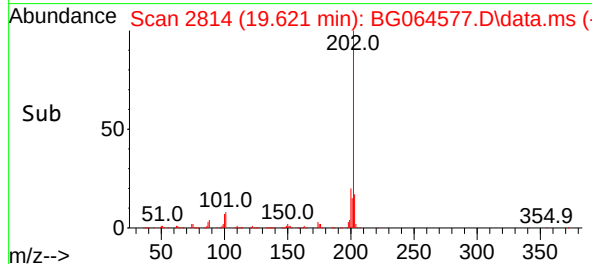
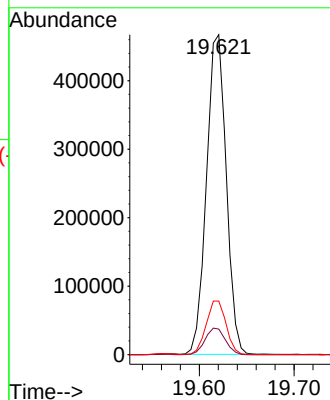
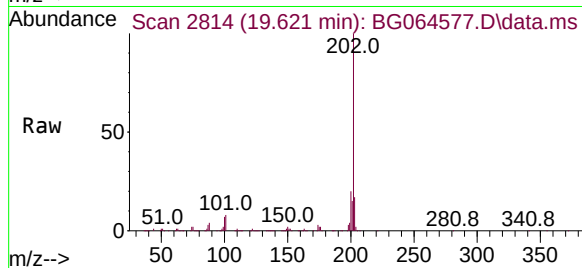




#75
Fluoranthene
Concen: 34.070 ng
RT: 19.621 min Scan# 2814
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

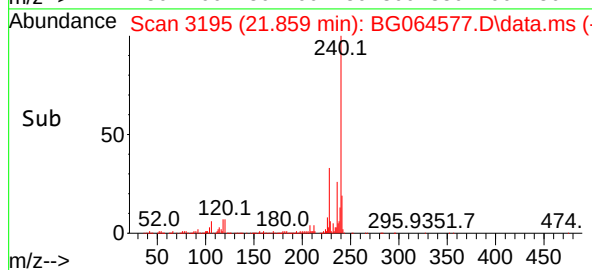
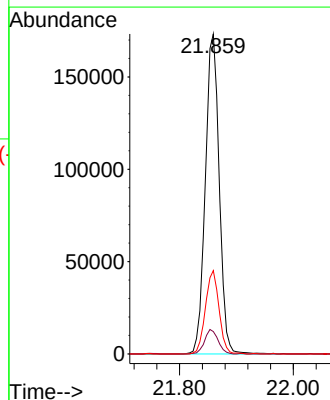
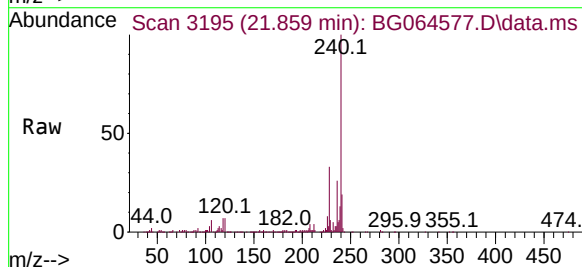
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

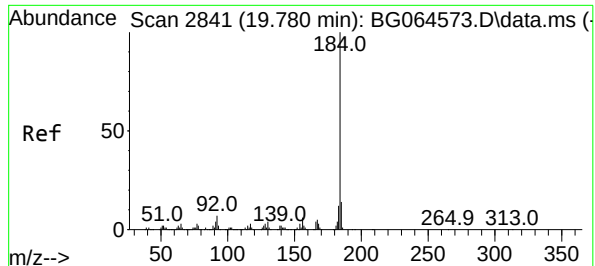
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.7
203	16.7	0.0	37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3195
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.5	9.7
236	26.0	20.2	30.2

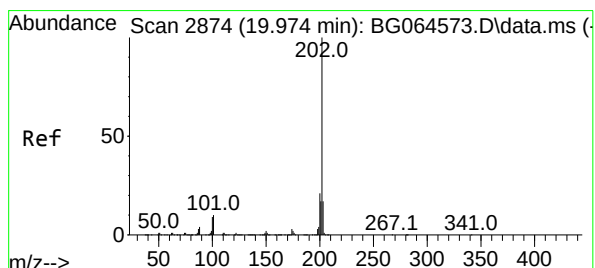
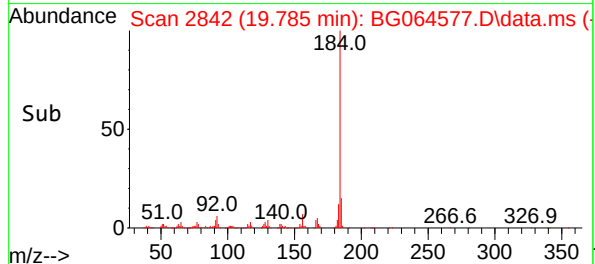
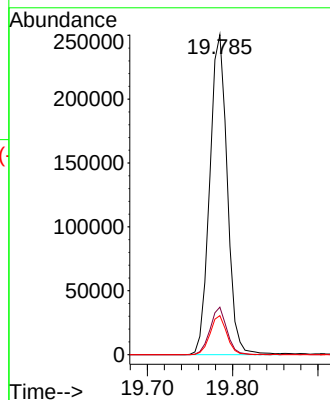
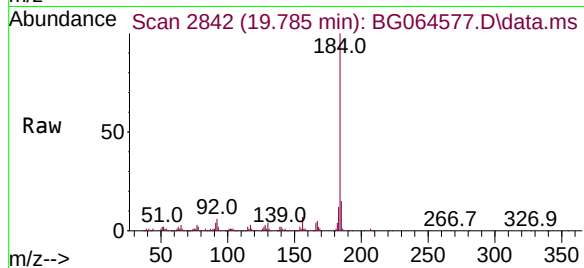




#77
Benzidine
Concen: 54.203 ng
RT: 19.785 min Scan# 2842
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

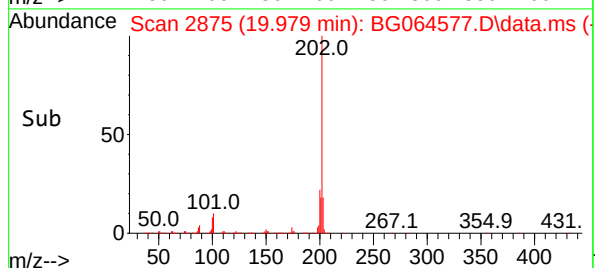
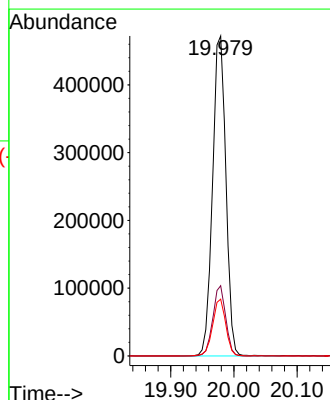
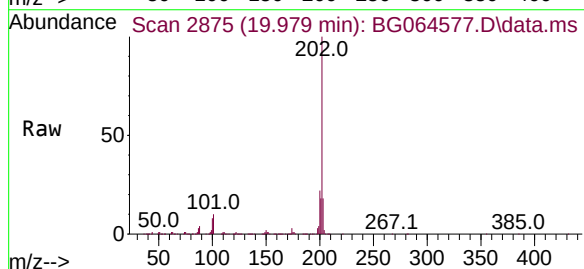
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

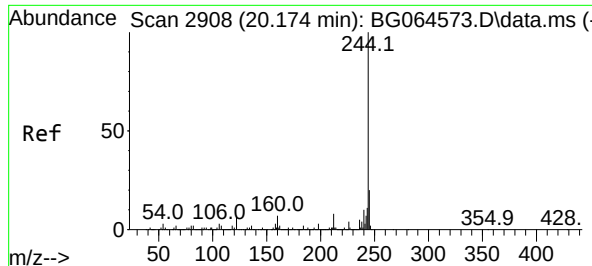
Tgt Ion:184 Resp: 356547
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 12.2 9.4 14.2



#78
Pyrene
Concen: 36.130 ng
RT: 19.979 min Scan# 2875
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:202 Resp: 693068
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.7 13.8 20.6

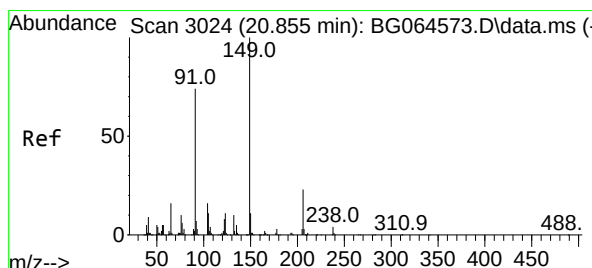
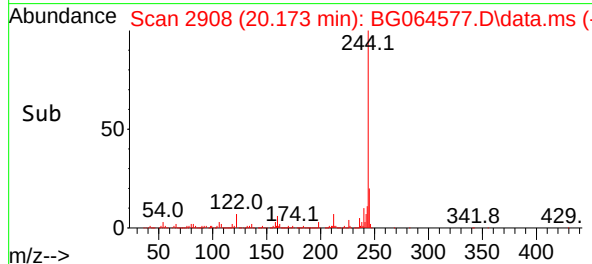
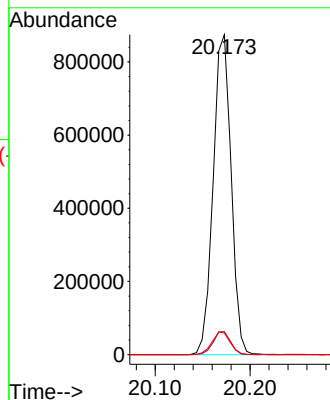
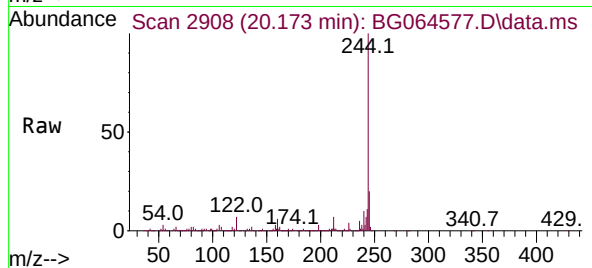




#79
Terphenyl-d14
Concen: 74.019 ng
RT: 20.173 min Scan# 2908
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

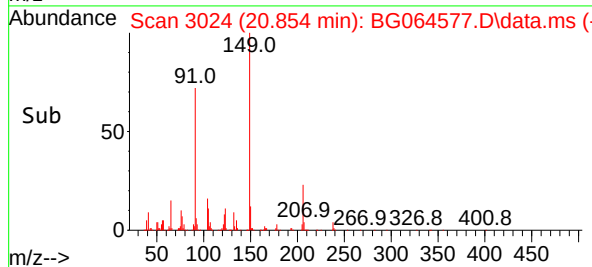
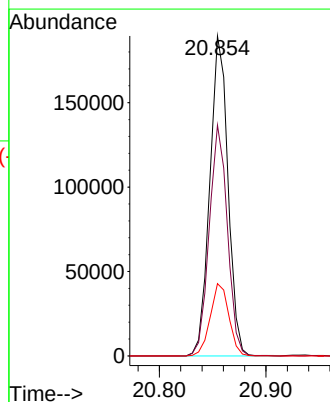
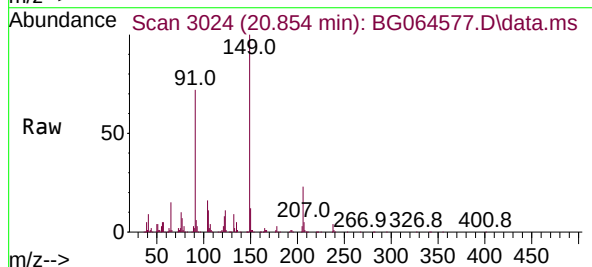
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

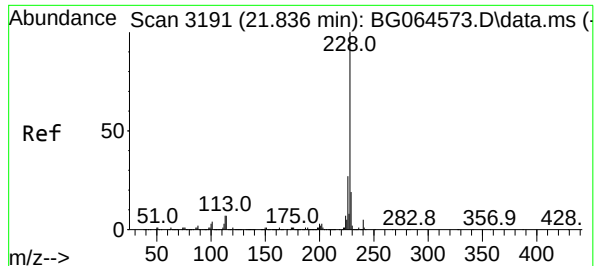
Tgt Ion:244 Resp: 1151597
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 38.702 ng
RT: 20.854 min Scan# 3024
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 224386
Ion Ratio Lower Upper
149 100
91 72.1 59.2 88.8
206 22.6 18.1 27.1

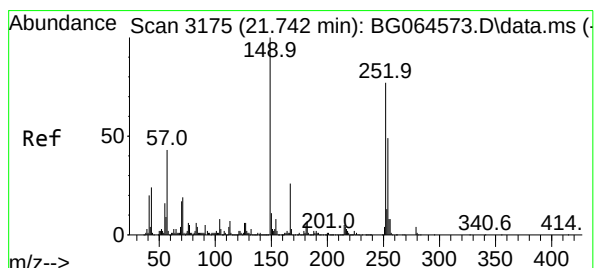
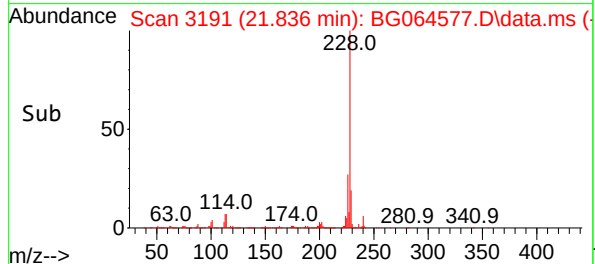
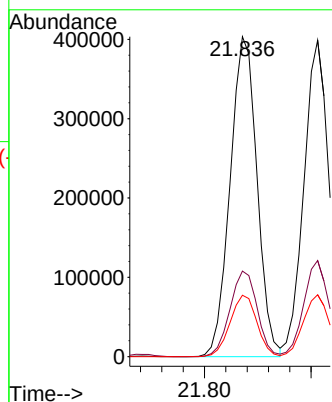
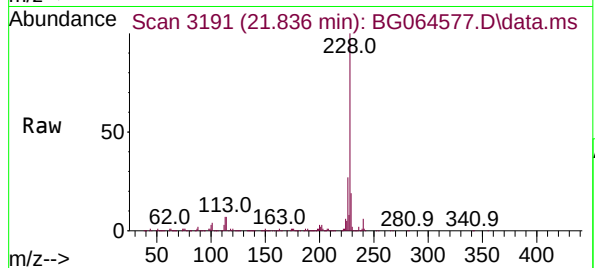




#81
Benzo(a)anthracene
Concen: 36.287 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

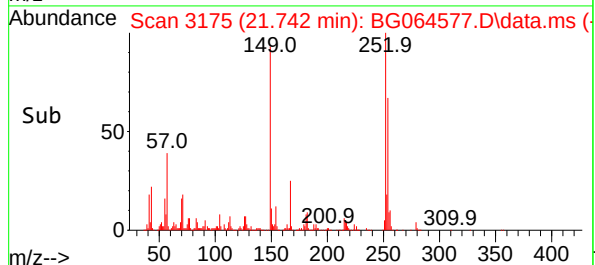
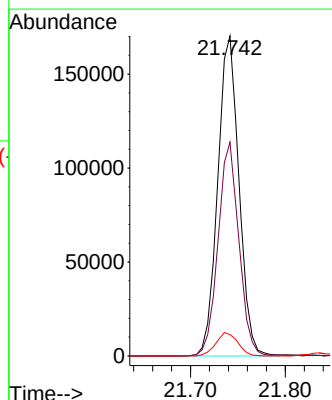
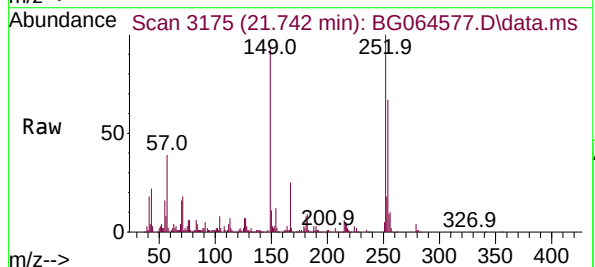
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

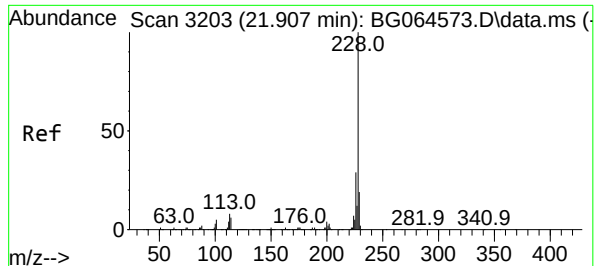
Tgt Ion:228 Resp: 706428
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.813 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 265324
Ion Ratio Lower Upper
252 100
254 66.8 50.8 76.2
126 6.7 5.8 8.6





#83

Chrysene

Concen: 35.533 ng

RT: 21.906 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

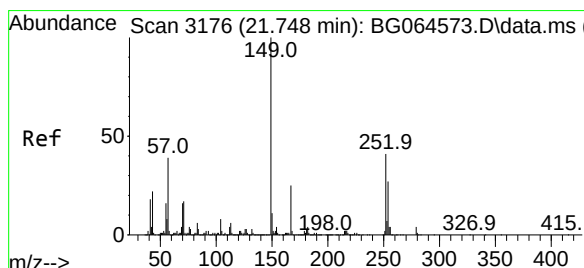
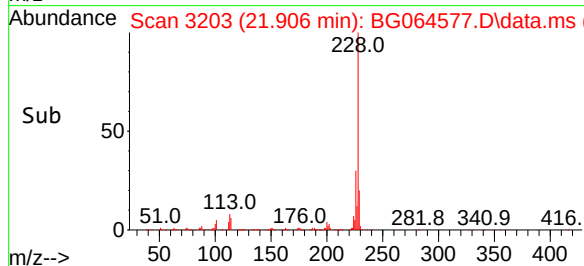
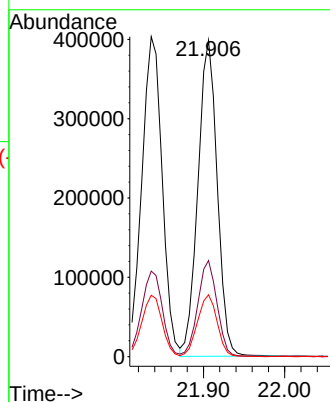
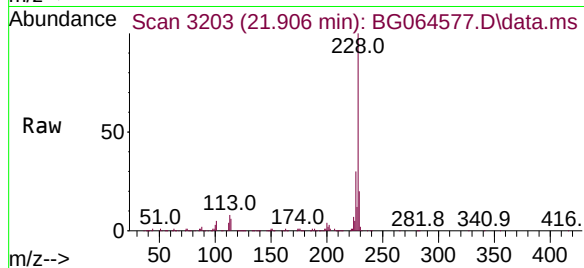
Tgt Ion:228 Resp: 658217

Ion Ratio Lower Upper

228 100

226 30.4 23.3 34.9

229 19.5 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.470 ng

RT: 21.747 min Scan# 3176

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

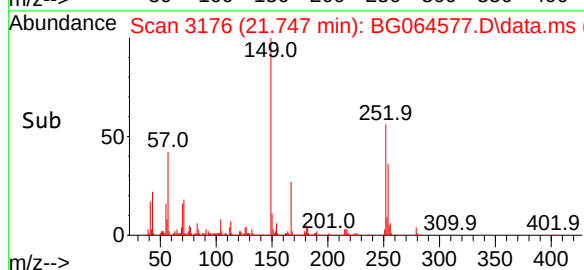
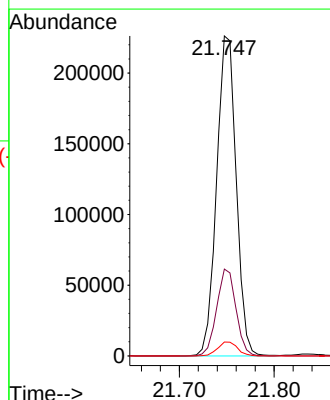
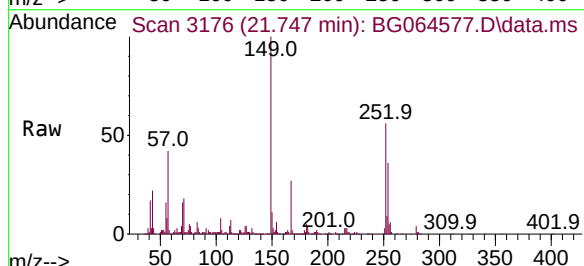
Tgt Ion:149 Resp: 324614

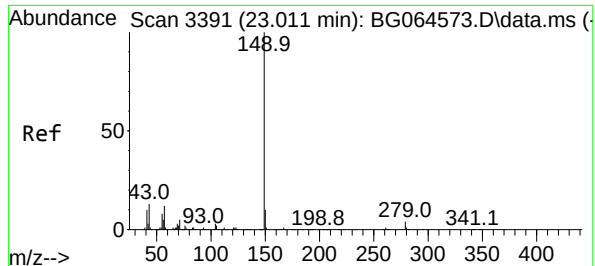
Ion Ratio Lower Upper

149 100

167 27.1 20.0 30.0

279 4.3 3.1 4.7

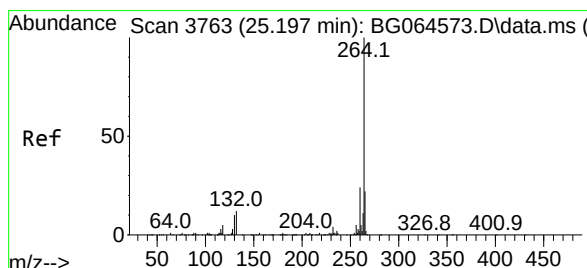
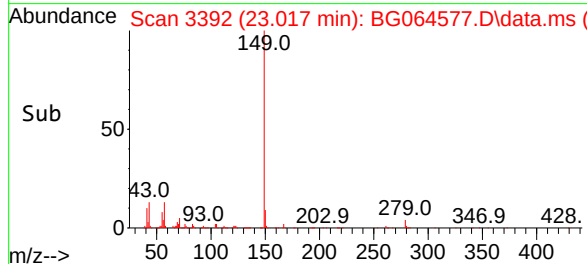
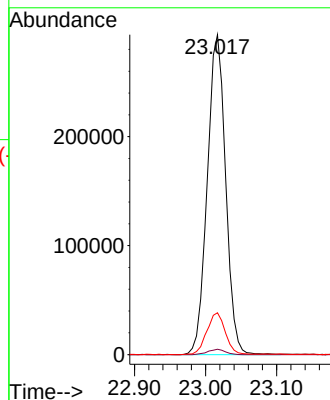
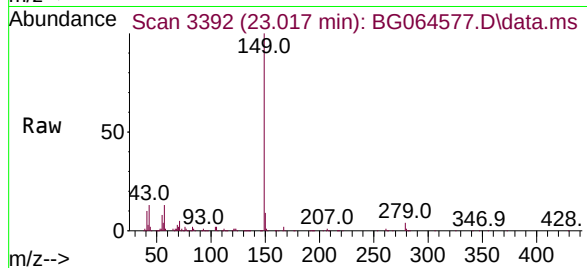




#85
Di-n-octyl phthalate
Concen: 36.087 ng
RT: 23.017 min Scan# 3391
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

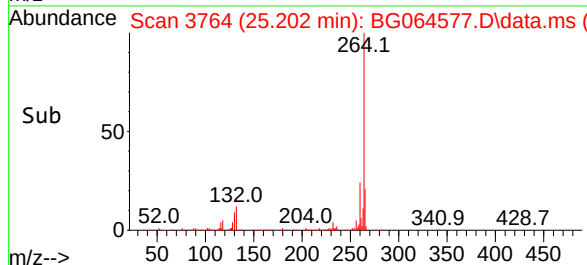
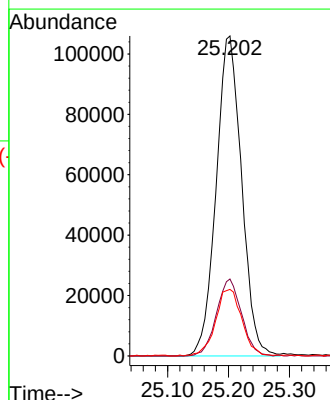
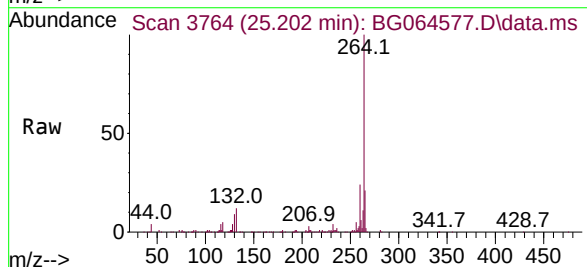
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

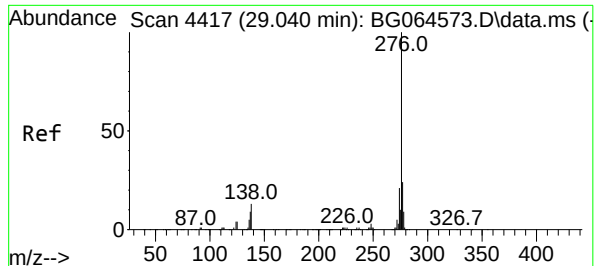
Tgt Ion:149 Resp: 527097
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.202 min Scan# 3764
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:264 Resp: 306886
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 20.8 17.6 26.4

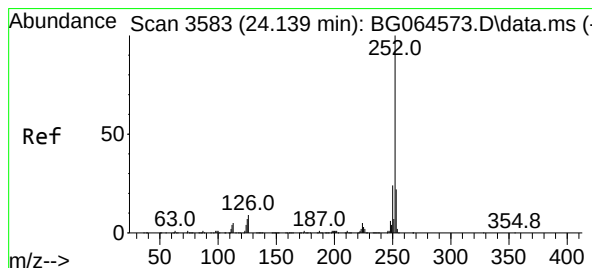
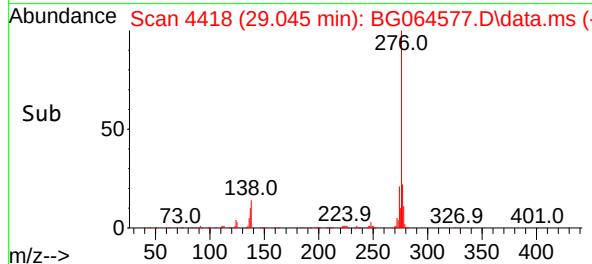
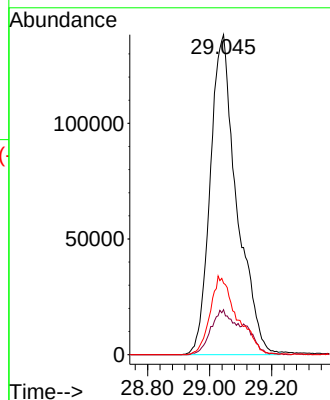
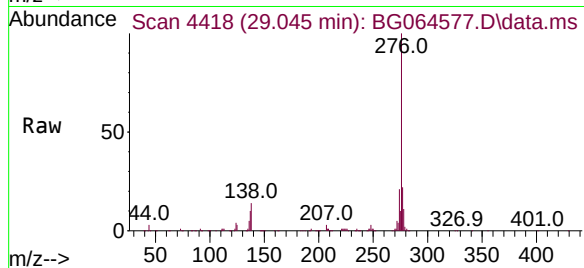




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.366 ng
RT: 29.045 min Scan# 4417
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

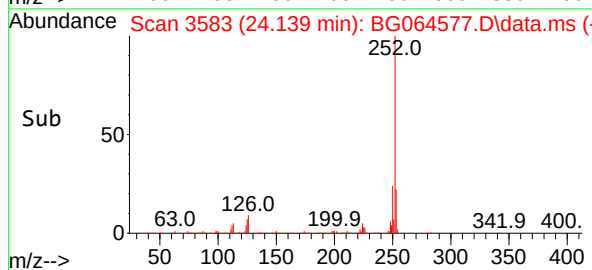
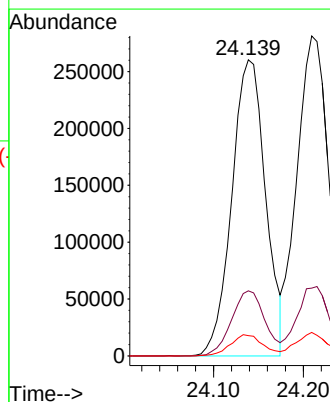
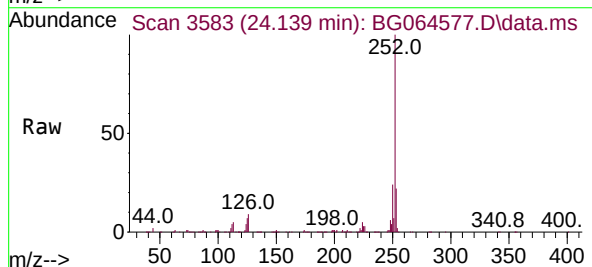
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

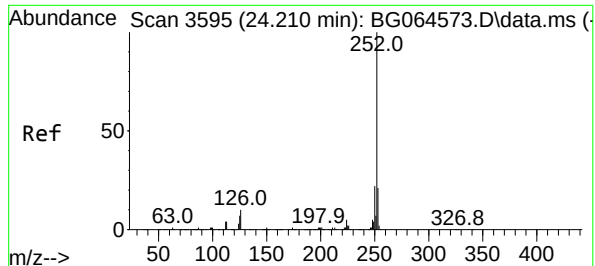
Tgt Ion:276 Resp: 820974
Ion Ratio Lower Upper
276 100
138 12.6 10.8 16.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 36.235 ng
RT: 24.139 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 681881
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 37.252 ng

RT: 24.209 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

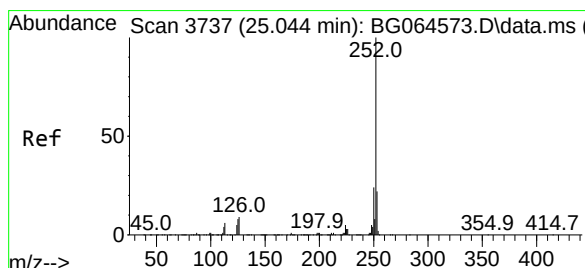
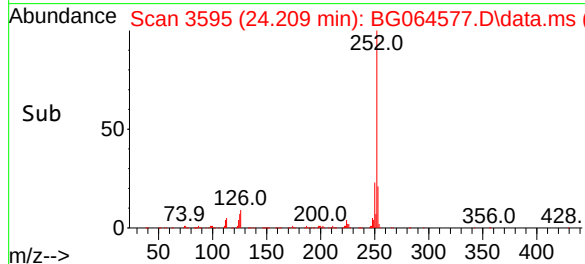
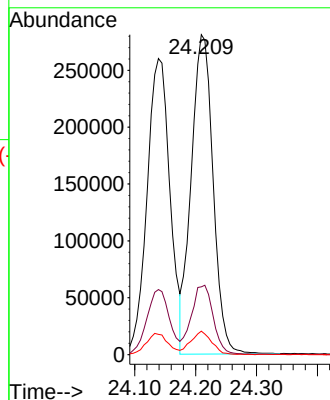
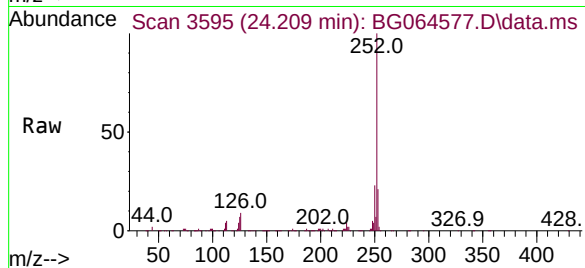
Tgt Ion:252 Resp: 701500

Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

125 7.3 5.4 8.0



#90

Benzo(a)pyrene

Concen: 37.700 ng

RT: 25.049 min Scan# 3738

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

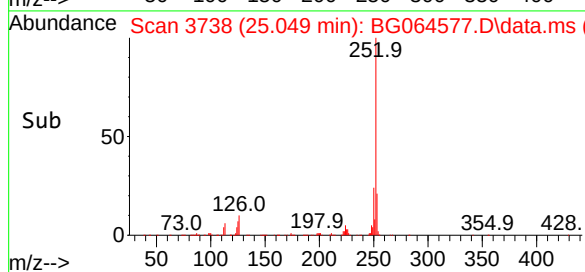
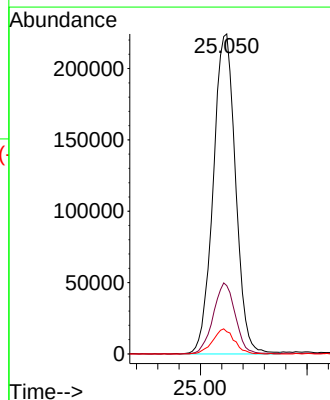
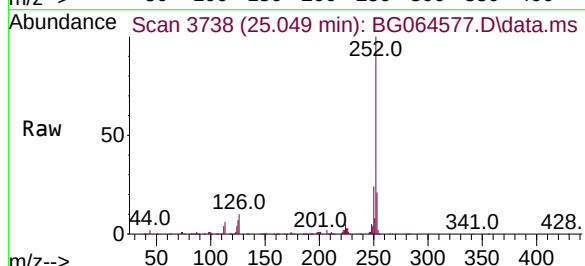
Tgt Ion:252 Resp: 652126

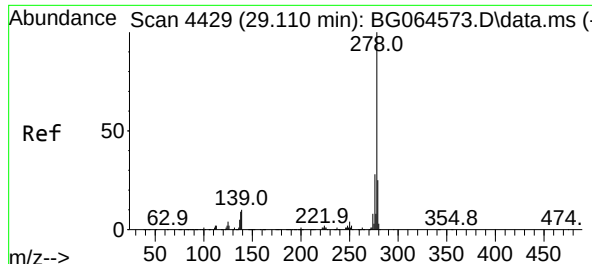
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 6.9 6.1 9.1

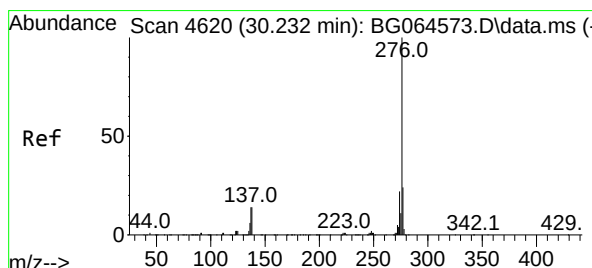
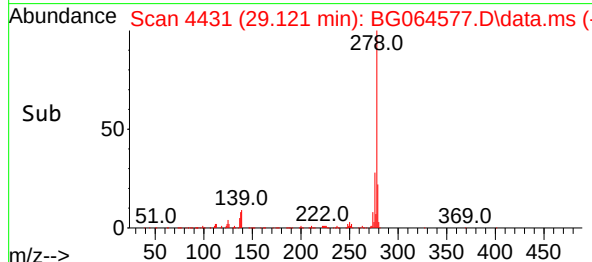
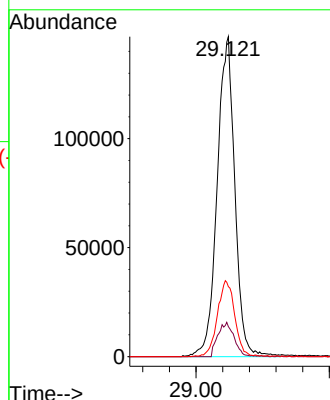
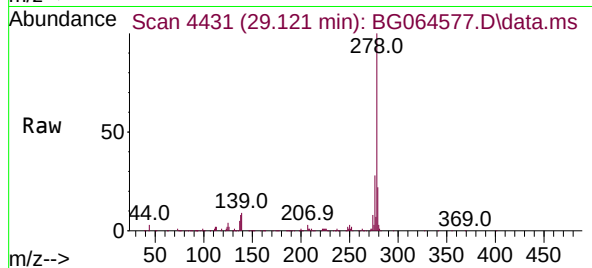




#91
Dibenzo(a,h)anthracene
Concen: 36.776 ng
RT: 29.121 min Scan# 4429
Delta R.T. 0.011 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

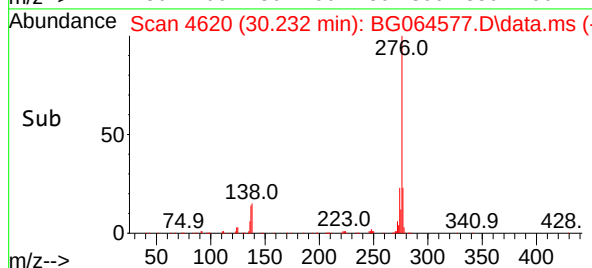
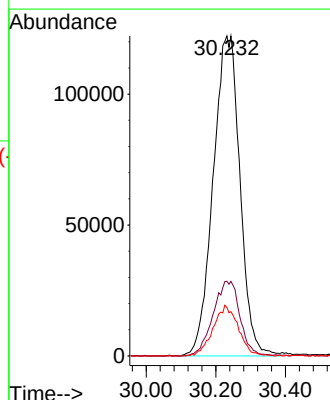
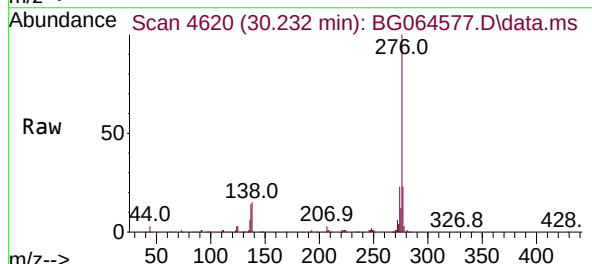
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:278 Resp: 674510
Ion Ratio Lower Upper
278 100
139 9.4 8.0 12.0
279 21.9 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 37.302 ng
RT: 30.232 min Scan# 4620
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:276 Resp: 653564
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 15.1 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	93	0.00
2	1,4-Dioxane	40.000	33.820	15.4	79	0.00
3	Pyridine	40.000	33.313	16.7	73	0.00
4	n-Nitrosodimethylamine	40.000	36.025	9.9	79	0.00
5 S	2-Fluorophenol	80.000	70.535	11.8	75	0.00
6	Aniline	40.000	38.118	4.7	82	0.00
7 S	Phenol-d6	80.000	74.109	7.4	79	0.00
8	2-Chlorophenol	40.000	36.981	7.5	78	0.00
9	Benzaldehyde	40.000	50.923	-27.3#	112	0.00
10 C	Phenol	40.000	36.410	9.0	78	0.00
11	bis(2-Chloroethyl)ether	40.000	34.973	12.6	78	0.00
12	1,3-Dichlorobenzene	40.000	36.085	9.8	79	0.00
13 C	1,4-Dichlorobenzene	40.000	37.634	5.9	83	0.00
14	1,2-Dichlorobenzene	40.000	36.924	7.7	81	0.00
15	Benzyl Alcohol	40.000	37.995	5.0	83	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.163	9.6	78	0.00
17	2-Methylphenol	40.000	38.466	3.8	84	0.00
18	Hexachloroethane	40.000	35.743	10.6	78	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.572	1.1	84	0.00
20	3+4-Methylphenols	40.000	37.882	5.3	81	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	95	0.00
22	Acetophenone	40.000	37.806	5.5	84	0.00
23 S	Nitrobenzene-d5	80.000	76.738	4.1	81	0.00
24	Nitrobenzene	40.000	39.305	1.7	83	0.00
25	Isophorone	40.000	37.733	5.7	83	0.00
26 C	2-Nitrophenol	40.000	35.498	11.3	84	0.00
27	2,4-Dimethylphenol	40.000	40.491	-1.2	86	0.00
28	bis(2-Chloroethoxy)methane	40.000	36.953	7.6	82	0.00
29 C	2,4-Dichlorophenol	40.000	38.190	4.5	81	0.00
30	1,2,4-Trichlorobenzene	40.000	37.945	5.1	84	0.00
31	Naphthalene	40.000	35.709	10.7	80	0.00
32	Benzoic acid	40.000	29.620	25.9#	65	-0.01
33	4-Chloroaniline	40.000	41.287	-3.2	92	0.00
34 C	Hexachlorobutadiene	40.000	35.242	11.9	80	0.00
35	Caprolactam	40.000	36.326	9.2	79	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.049	4.9	82	0.00
37	2-Methylnaphthalene	40.000	33.388	16.5	75	0.00
38	1-Methylnaphthalene	40.000	35.513	11.2	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.146	7.1	84	0.00
41 P	Hexachlorocyclopentadiene	40.000	50.669	-26.7#	112	0.00
42 S	2,4,6-Tribromophenol	80.000	75.074	6.2	81	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.726	3.2	84	0.00
44	2,4,5-Trichlorophenol	40.000	37.228	6.9	81	0.00
45 S	2-Fluorobiphenyl	80.000	72.599	9.3	82	0.00
46	1,1'-Biphenyl	40.000	37.331	6.7	85	0.00
47	2-Chloronaphthalene	40.000	36.205	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	36.129	9.7	87	0.00
49	Acenaphthylene	40.000	41.457	-3.6	93	0.00
50	Dimethylphthalate	40.000	36.890	7.8	82	0.00
51	2,6-Dinitrotoluene	40.000	39.971	0.1	96	0.00
52 C	Acenaphthene	40.000	35.340	11.6	80	0.00
53	3-Nitroaniline	40.000	42.080	-5.2	89	0.00
54 P	2,4-Dinitrophenol	40.000	33.991	15.0	82	0.00
55	Dibenzofuran	40.000	36.096	9.8	82	0.00
56 P	4-Nitrophenol	40.000	33.818	15.5	75	0.00
57	2,4-Dinitrotoluene	40.000	35.957	10.1	85	0.00
58	Fluorene	40.000	36.238	9.4	82	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.525	-1.3	88	0.00
60	Diethylphthalate	40.000	35.961	10.1	81	0.00
61	4-Chlorophenyl-phenylether	40.000	35.902	10.2	81	0.00
62	4-Nitroaniline	40.000	37.867	5.3	81	0.00
63	Azobenzene	40.000	36.325	9.2	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	40.000	34.885	12.8	82	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.325	4.2	82	0.00
67	4-Bromophenyl-phenylether	40.000	38.044	4.9	81	0.00
68	Hexachlorobenzene	40.000	36.971	7.6	79	0.00
69	Atrazine	40.000	38.558	3.6	85	0.00
70 C	Pentachlorophenol	40.000	34.829	12.9	76	0.00
71	Phenanthrene	40.000	35.925	10.2	78	0.00
72	Anthracene	40.000	36.210	9.5	79	0.00
73	Carbazole	40.000	35.061	12.3	77	0.00
74	Di-n-butylphthalate	40.000	34.688	13.3	73	0.00
75 C	Fluoranthene	40.000	34.070	14.8	75	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77	Benzydine	40.000	54.203	-35.5#	109	0.00
78	Pyrene	40.000	36.130	9.7	74	0.00
79 S	Terphenyl-d14	80.000	74.019	7.5	76	0.00
80	Butylbenzylphthalate	40.000	38.702	3.2	75	0.00
81	Benzo(a)anthracene	40.000	36.287	9.3	75	0.00
82	3,3'-Dichlorobenzidine	40.000	40.813	-2.0	83	0.00
83	Chrysene	40.000	35.533	11.2	74	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.470	6.3	73	0.00
85 c	Di-n-octyl phthalate	40.000	36.087	9.8	73	0.00
86 I	Perylene-d12	20.000	20.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.366	9.1	75	0.00
88	Benzo(b)fluoranthene	40.000	36.235	9.4	74	0.00
89	Benzo(k)fluoranthene	40.000	37.252	6.9	78	0.00
90 C	Benzo(a)pyrene	40.000	37.700	5.7	77	0.00
91	Dibenzo(a,h)anthracene	40.000	36.776	8.1	76	0.01
92	Benzo(g,h,i)perylene	40.000	37.302	6.7	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
2	1,4-Dioxane	0.528	0.446	15.5	79	0.00
3	Pyridine	1.584	1.319	16.7	73	0.00
4	n-Nitrosodimethylamine	0.850	0.765	10.0	79	0.00
5 S	2-Fluorophenol	1.192	1.051	11.8	75	0.00
6	Aniline	2.225	2.120	4.7	82	0.00
7 S	Phenol-d6	1.635	1.515	7.3	79	0.00
8	2-Chlorophenol	1.247	1.153	7.5	78	0.00
9	Benzaldehyde	0.893	1.136	-27.2#	112	0.00
10 C	Phenol	1.808	1.646	9.0	78	0.00
11	bis(2-Chloroethyl)ether	1.329	1.162	12.6	78	0.00
12	1,3-Dichlorobenzene	1.435	1.295	9.8	79	0.00
13 C	1,4-Dichlorobenzene	1.460	1.373	6.0	83	0.00
14	1,2-Dichlorobenzene	1.408	1.300	7.7	81	0.00
15	Benzyl Alcohol	1.348	1.281	5.0	83	0.00
16	2,2'-oxybis(1-Chloropropane	3.487	3.153	9.6	78	0.00
17	2-Methylphenol	1.201	1.155	3.8	84	0.00
18	Hexachloroethane	0.512	0.458	10.5	78	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.118	1.1	84	0.00
20	3+4-Methylphenols	1.688	1.599	5.3	81	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
22	Acetophenone	0.547	0.517	5.5	84	0.00
23 S	Nitrobenzene-d5	0.333	0.319	4.2	81	0.00
24	Nitrobenzene	0.362	0.356	1.7	83	0.00
25	Isophorone	0.799	0.754	5.6	83	0.00
26 C	2-Nitrophenol	0.121	0.121	0.0	84	0.00
27	2,4-Dimethylphenol	0.297	0.301	-1.3	86	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.420	7.7	82	0.00
29 C	2,4-Dichlorophenol	0.320	0.305	4.7	81	0.00
30	1,2,4-Trichlorobenzene	0.363	0.345	5.0	84	0.00
31	Naphthalene	1.109	0.990	10.7	80	0.00
32	Benzoic acid	0.207	0.153	26.1#	65	-0.01
33	4-Chloroaniline	0.431	0.445	-3.2	92	0.00
34 C	Hexachlorobutadiene	0.284	0.250	12.0	80	0.00
35	Caprolactam	0.123	0.111	9.8	79	0.00
36 C	4-Chloro-3-methylphenol	0.384	0.366	4.7	82	0.00
37	2-Methylnaphthalene	0.814	0.680	16.5	75	0.00
38	1-Methylnaphthalene	0.806	0.716	11.2	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.623	7.2	84	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.383	-26.8#	112	0.00
42 S	2,4,6-Tribromophenol	0.289	0.271	6.2	81	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.372	3.1	84	0.00
44	2,4,5-Trichlorophenol	0.443	0.412	7.0	81	0.00
45 S	2-Fluorobiphenyl	1.319	1.197	9.2	82	0.00
46	1,1'-Biphenyl	1.422	1.327	6.7	85	0.00
47	2-Chloronaphthalene	1.073	0.971	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.318	-2.3	87	0.00
49	Acenaphthylene	1.693	1.755	-3.7	93	0.00
50	Dimethylphthalate	1.530	1.411	7.8	82	0.00
51	2,6-Dinitrotoluene	0.218	0.249	-14.2	96	0.00
52 C	Acenaphthene	1.157	1.022	11.7	80	0.00
53	3-Nitroaniline	0.263	0.277	-5.3	89	0.00
54 P	2,4-Dinitrophenol	0.132	0.118	10.6	82	0.00
55	Dibenzofuran	1.870	1.687	9.8	82	0.00
56 P	4-Nitrophenol	0.244	0.206	15.6	75	0.00
57	2,4-Dinitrotoluene	0.340	0.343	-0.9	85	0.00
58	Fluorene	1.460	1.323	9.4	82	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.429	-1.2	88	0.00
60	Diethylphthalate	1.563	1.405	10.1	81	0.00
61	4-Chlorophenyl-phenylether	0.820	0.736	10.2	81	0.00
62	4-Nitroaniline	0.293	0.277	5.5	81	0.00
63	Azobenzene	1.434	1.302	9.2	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.073	7.6	82	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.518	4.1	82	0.00
67	4-Bromophenyl-phenylether	0.237	0.225	5.1	81	0.00
68	Hexachlorobenzene	0.270	0.250	7.4	79	0.00
69	Atrazine	0.232	0.224	3.4	85	0.00
70 C	Pentachlorophenol	0.169	0.147	13.0	76	0.00
71	Phenanthrene	1.094	0.982	10.2	78	0.00
72	Anthracene	1.113	1.007	9.5	79	0.00
73	Carbazole	0.981	0.860	12.3	77	0.00
74	Di-n-butylphthalate	1.134	0.984	13.2	73	0.00
75 C	Fluoranthene	1.370	1.167	14.8	75	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77	Benzydine	0.448	0.607	-35.5#	109	0.00
78	Pyrene	1.307	1.180	9.7	74	0.00
79 S	Terphenyl-d14	1.060	0.981	7.5	76	0.00
80	Butylbenzylphthalate	0.395	0.382	3.3	75	0.00
81	Benzo(a)anthracene	1.326	1.203	9.3	75	0.00
82	3,3'-Dichlorobenzidine	0.443	0.452	-2.0	83	0.00
83	Chrysene	1.262	1.121	11.2	74	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.553	6.3	73	0.00
85 c	Di-n-octyl phthalate	0.995	0.898	9.7	73	0.00
86 I	Perylene-d12	1.000	1.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.338	9.0	75	0.00
88	Benzo(b)fluoranthene	1.226	1.111	9.4	74	0.00
89	Benzo(k)fluoranthene	1.227	1.143	6.8	78	0.00
90 C	Benzo(a)pyrene	1.127	1.062	5.8	77	0.00
91	Dibenzo(a,h)anthracene	1.195	1.099	8.0	76	0.01
92	Benzo(g,h,i)perylene	1.142	1.065	6.7	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP026035.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57	
3)	Pyridine	1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69	
4)	n-Nitrosodimet...		0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39	
5) S	2-Fluorophenol	1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44	
6)	Aniline	1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76	
7) S	Phenol-d6	1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77	
8)	2-Chlorophenol	1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97	
9)	Benzaldehyde		0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45	
10) C	Phenol	1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44	
11)	bis(2-Chloroet...	1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57	
12)	1,3-Dichlorobe...	1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00	
13) C	1,4-Dichlorobe...	1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97	
14)	1,2-Dichlorobe...	1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83	
15)	Benzyl Alcohol		1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47	
16)	2,2'-oxybis(1-...	1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75	
17)	2-Methylphenol	0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75	
18)	Hexachloroethane	0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49	
19) P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)	3+4-Methylphenols		1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14	
23) S	Nitrobenzene-d5	0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34	
24)	Nitrobenzene	0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83	
25)	Isophorone	0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03	
26) C	2-Nitrophenol	0.069	0.092	0.107	0.128	0.124			0.104	23.21	
27)	2,4-Dimethylph...	0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90	
28)	bis(2-Chloroet...	0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79	
29) C	2,4-Dichloroph...	0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75	
30)	1,2,4-Trichlor...	0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52	
31)	Naphthalene	1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28	
32)	Benzoic acid		0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84	
33)	4-Chloroaniline	0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80	
34) C	Hexachlorobuta...	0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70	
35)	Caprolactam		0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98	
36) C	4-Chloro-3-met...	0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33	
37)	2-Methylnaphth...	0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02	
38)	1-Methylnaphth...	0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41) P	Hexachlorocycl...	0.200	0.198	0.237	0.218	0.260	0.251	0.227		11.46
42) S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43) C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)	2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45) S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)	1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)	2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)	2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)	Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)	Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)	2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52) C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)	3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54) P	2,4-Dinitrophenol	0.069	0.082	0.100	0.096	0.123	0.126	0.100		22.44
55)	Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56) P	4-Nitrophenol	0.277	0.309	0.285	0.258	0.310	0.301	0.290		7.04
57)	2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)	Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)	2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)	Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)	4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)	4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)	Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.053	0.065	0.076	0.075	0.096	0.096	0.077		22.06
66) c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)	4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)	Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)	Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70) C	Pentachlorophenol	0.126	0.143	0.161	0.148	0.178	0.170	0.154		12.39
71)	Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)	Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)	Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)	Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75) C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.411	0.508	0.517	0.451	0.598	0.560	0.508		13.50
78)	Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79) S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)	Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)	Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)	3,3'-Dichlorob...	0.390	0.424	0.462	0.416	0.497	0.467	0.443		8.87
83)	Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)	Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85) c	Di-n-octyl pht...	0.822	1.025	1.287	1.238	1.407	1.364	1.191		18.86

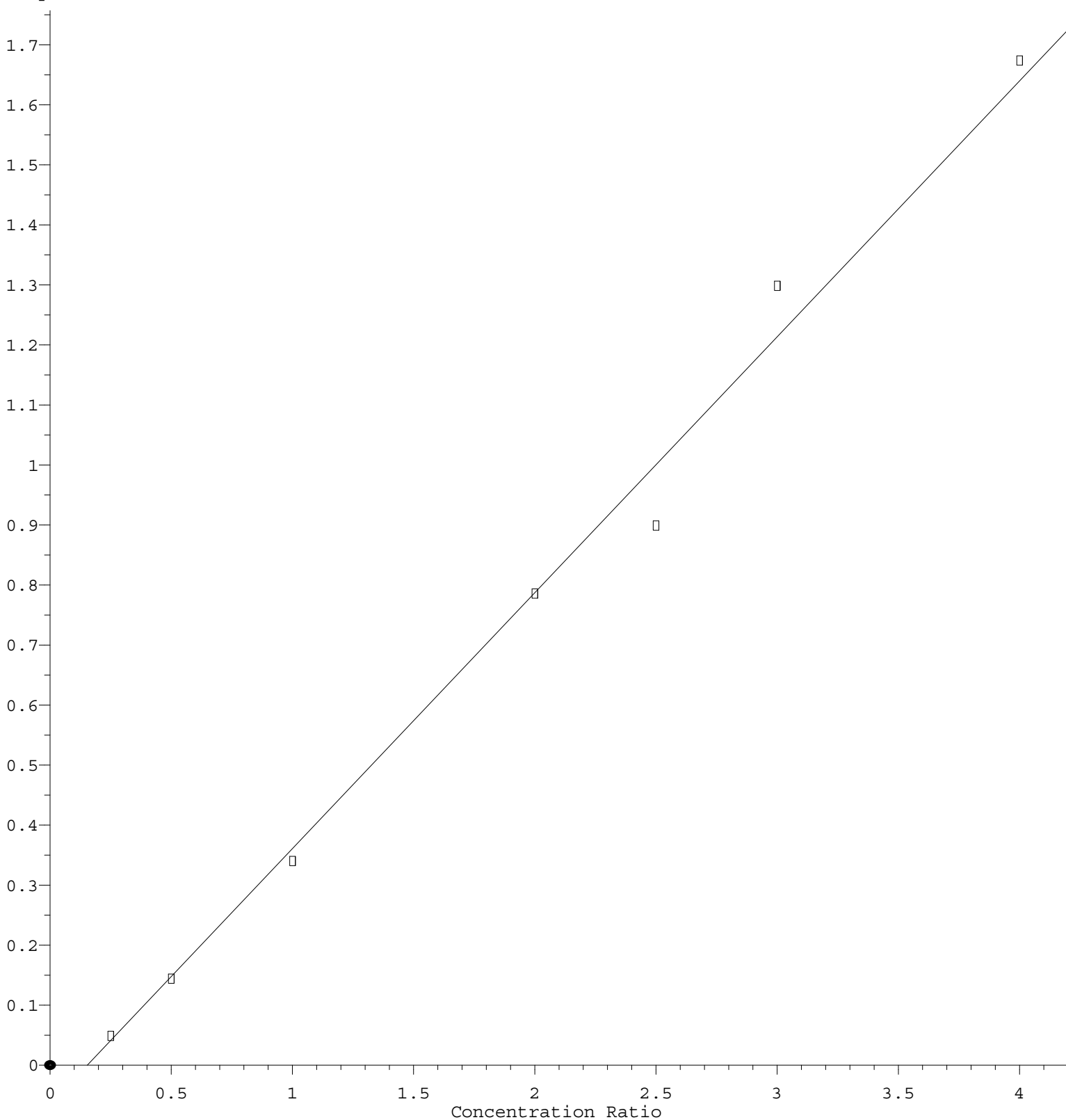
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)	Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)	Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90) C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)	Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)	Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

2,4-Dinitrotoluene

Response Ratio



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

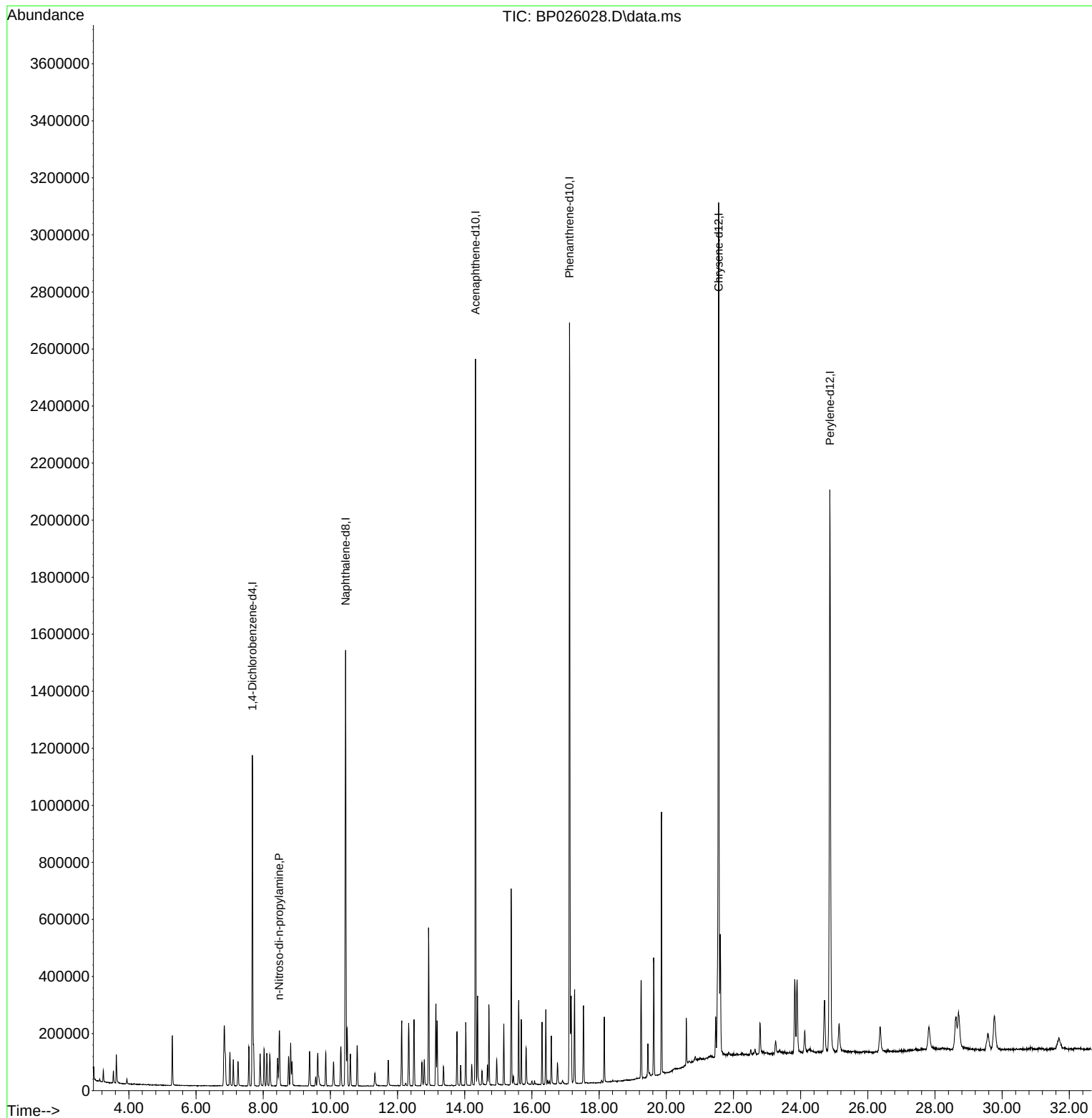
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	314539	20.000	ng	-0.01
21) Naphthalene-d8	10.454	136	1282158	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	817769	20.000	ng	0.00
64) Phenanthrene-d10	17.118	188	1645754	20.000	ng	0.00
76) Chrysene-d12	21.559	240	1828965	20.000	ng	0.00
86) Perylene-d12	24.871	264	1886321	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.472	70	31253	2.075	ng	Qvalue 96

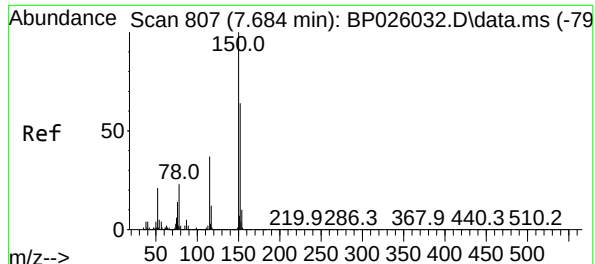
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

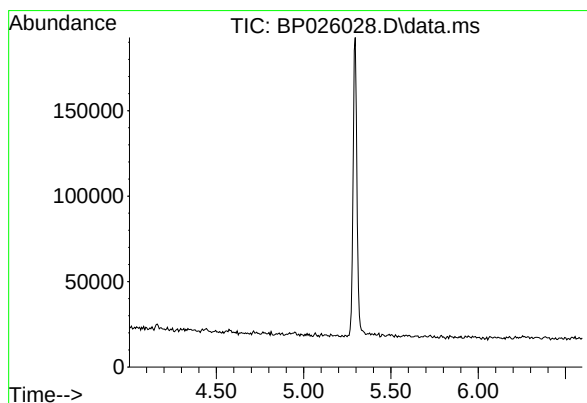
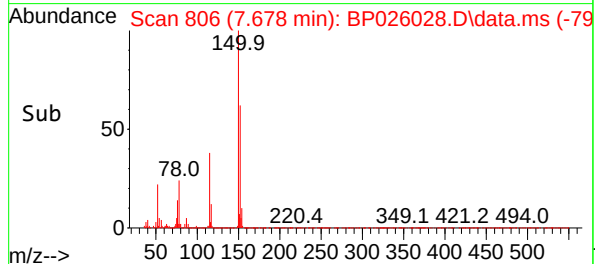
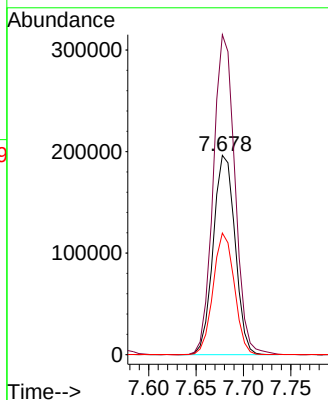
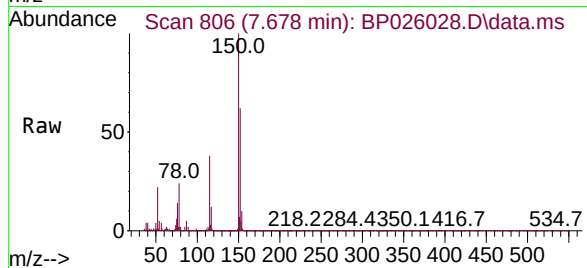




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

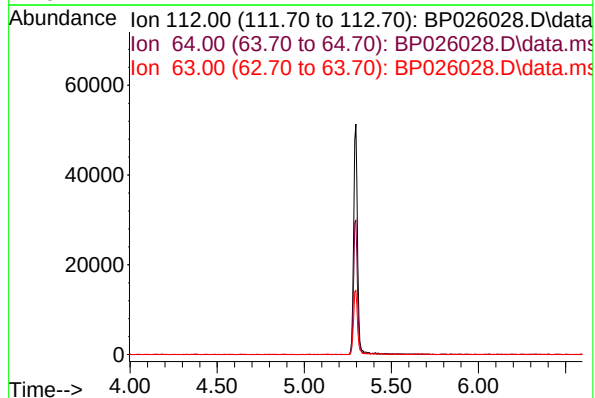
Tgt Ion:152 Resp: 314539
Ion Ratio Lower Upper
152 100
150 160.6 125.7 188.5
115 61.0 46.4 69.6

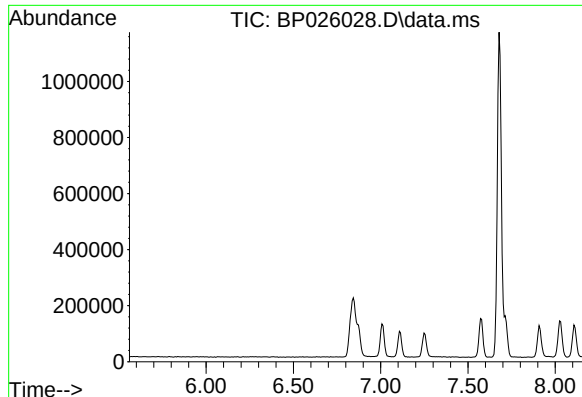


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.30 min

Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.3
63 30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

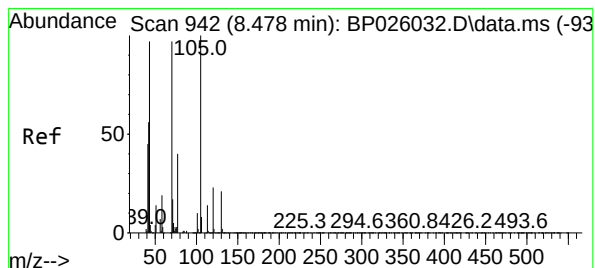
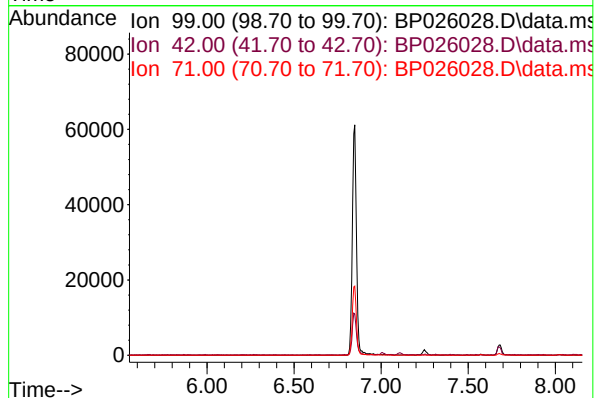
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 30.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.075 ng

RT: 8.472 min Scan# 941

Delta R.T. -0.018 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Tgt Ion: 70 Resp: 31253

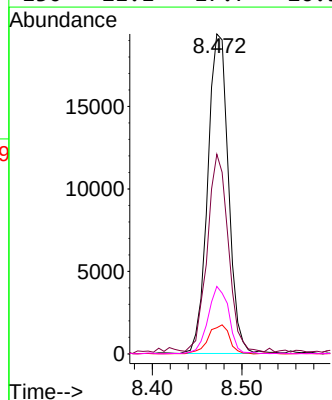
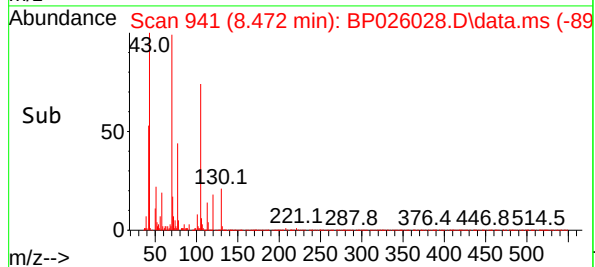
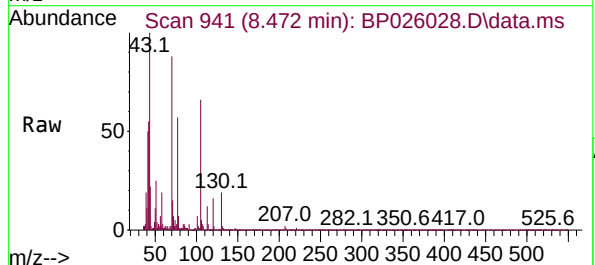
Ion Ratio Lower Upper

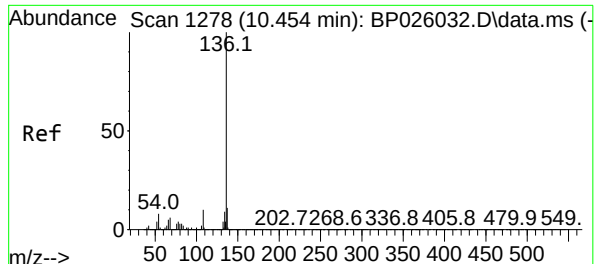
70 100

42 62.4 47.2 70.8

101 8.2 8.2 12.2

130 21.1 17.7 26.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1282158

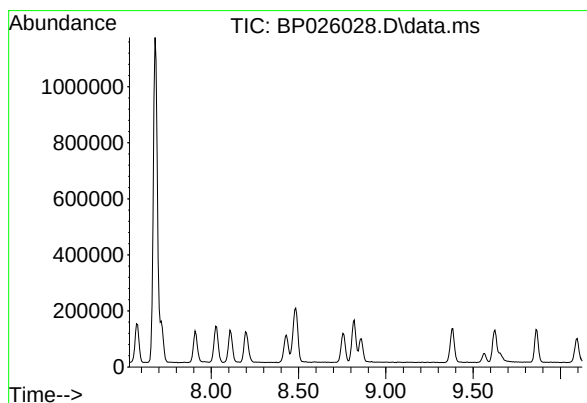
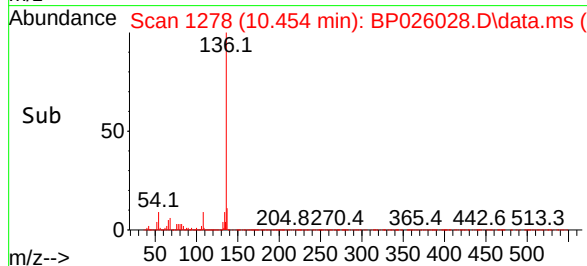
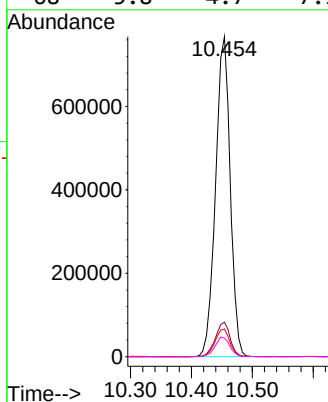
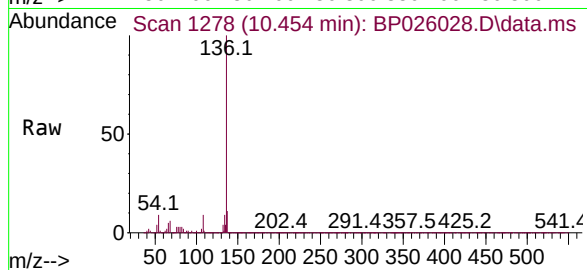
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.7 6.6 10.0

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.82 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

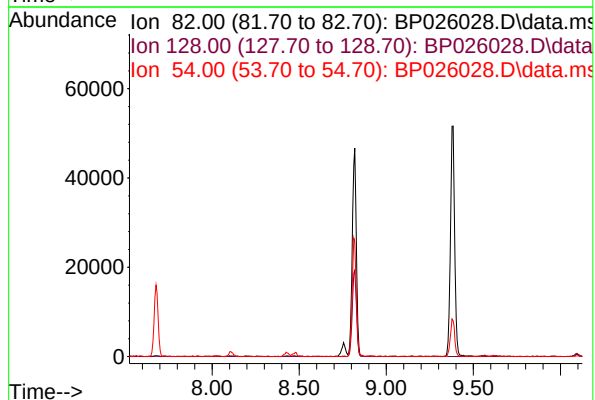
Tgt Ion: 82

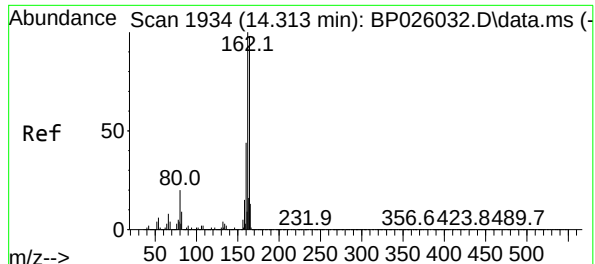
Sig Exp Ratio

82 100

128 46.7

54 53.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 19

Delta R.T. -0.000 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

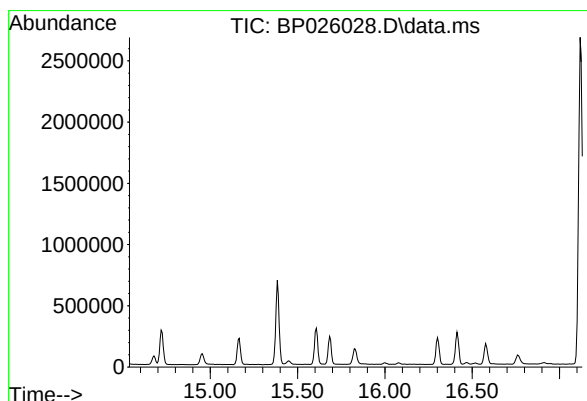
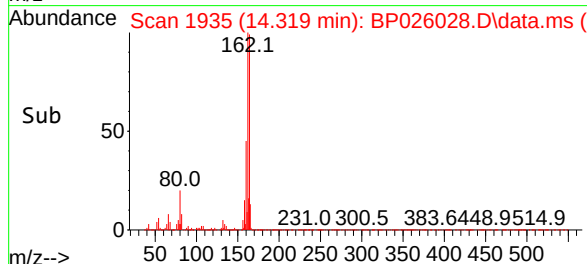
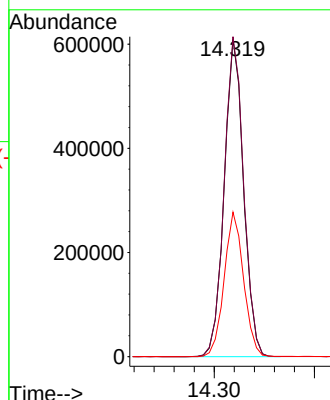
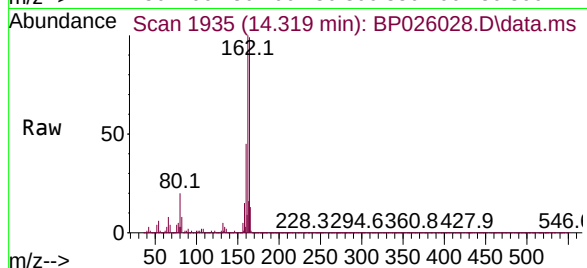
Tgt Ion:164 Resp: 817769

Ion Ratio Lower Upper

164 100

162 100.8 81.5 122.3

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.83 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

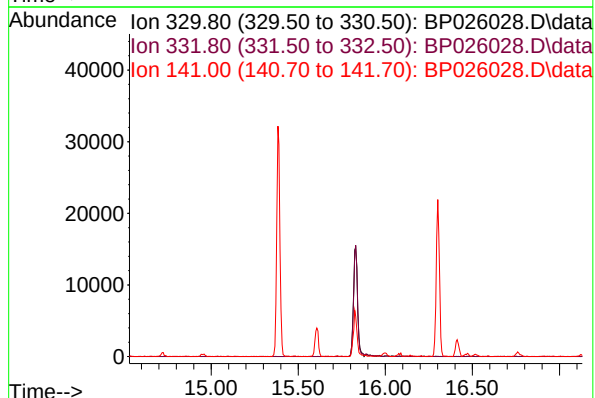
Tgt Ion: 330

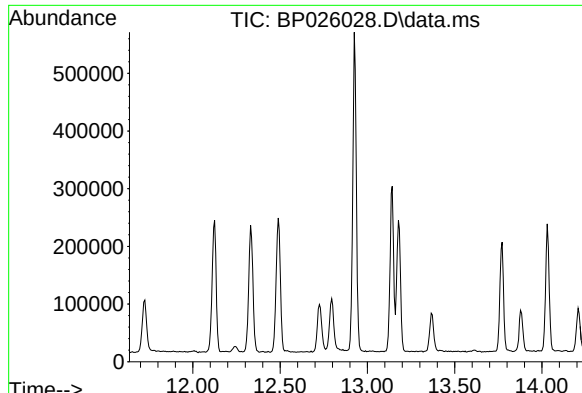
Sig Exp Ratio

330 100

332 96.6

141 35.7

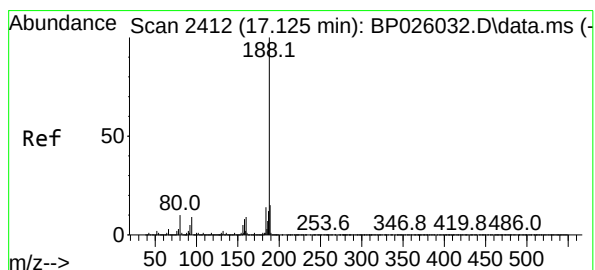
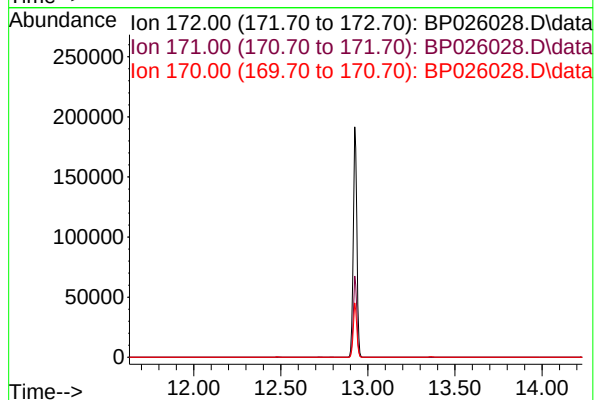




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

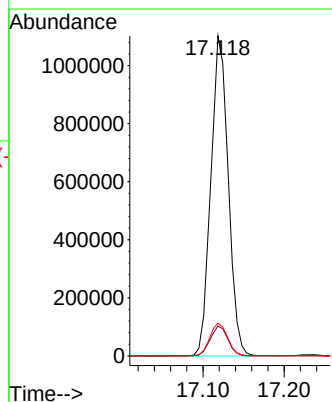
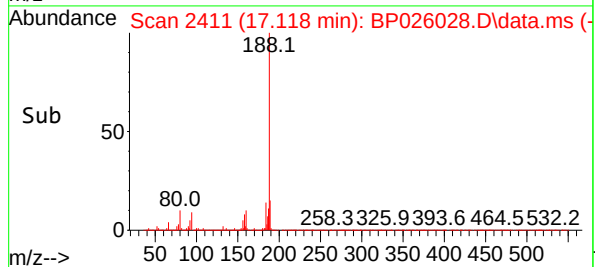
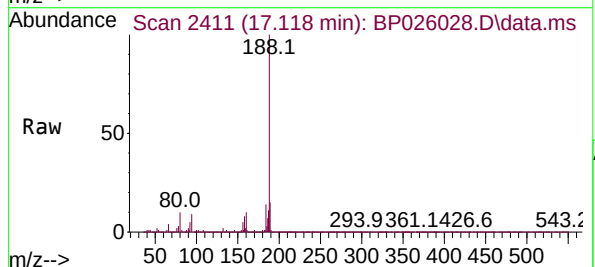
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

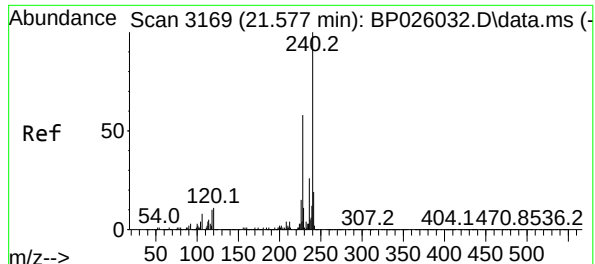
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.9
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 188 Resp: 1645754
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.559 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

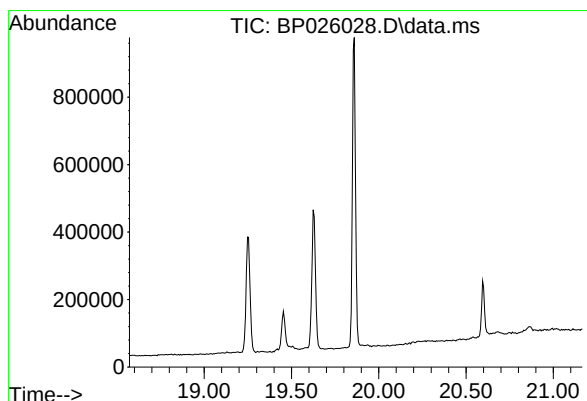
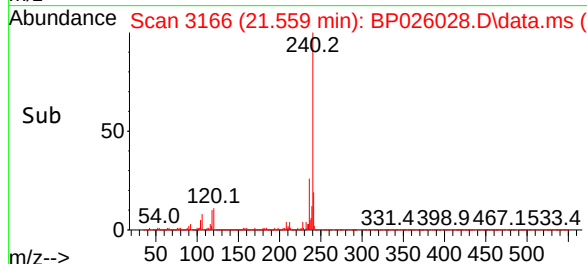
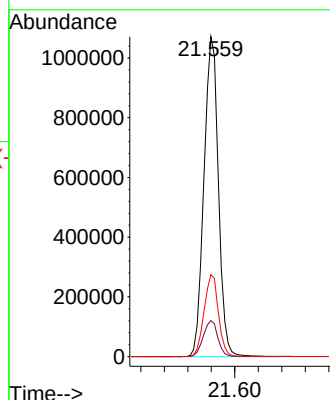
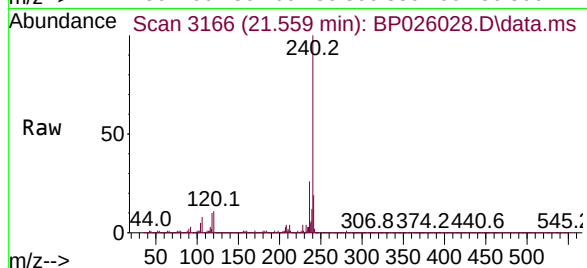
Tgt Ion:240 Resp: 1828965

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.87 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

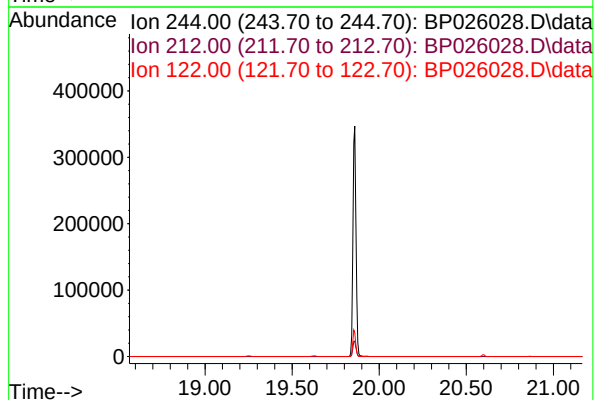
Tgt Ion: 244

Sig Exp Ratio

244 100

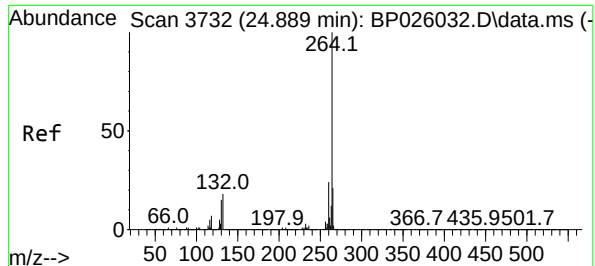
212 7.5

122 11.3



Ion 212.00 (211.70 to 212.70): BP026028.D\data

Ion 122.00 (121.70 to 122.70): BP026028.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.871 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026028.D

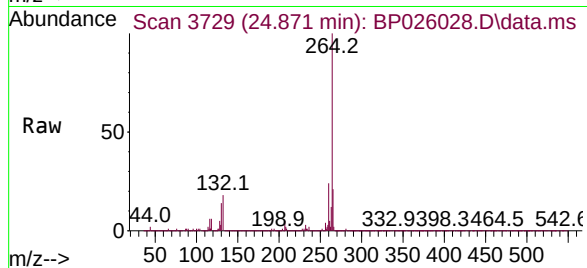
Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



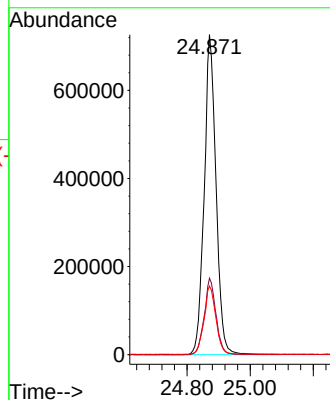
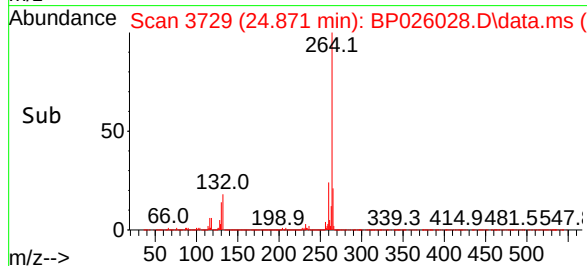
Tgt Ion:264 Resp: 1886321

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.4 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026029.D
 Acq On : 29 Oct 2025 10:07
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Oct 29 18:07:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	341461	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1420199	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	925892	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1817309	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2025692	20.000	ng	0.00
86) Perylene-d12	24.860	264	2104784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	180174	8.707	ng	0.00
7) Phenol-d6	6.849	99	233297	8.858	ng	0.00
23) Nitrobenzene-d5	8.819	82	182124	7.994	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	71861	7.179	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	624927	9.698	ng	0.00
79) Terphenyl-d14	19.866	244	964860	9.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.237	88	40256	4.615	ng	98
3) Pyridine	3.626	79	113576	4.580	ng	99
6) Aniline	7.014	93	161620	4.598	ng	99
8) 2-Chlorophenol	7.255	128	95293	4.159	ng	95
10) Phenol	6.872	94	131630	4.502	ng	98
11) bis(2-Chloroethyl)ether	7.108	93	108520	4.703	ng	98
12) 1,3-Dichlorobenzene	7.578	146	125141	4.755	ng	98
13) 1,4-Dichlorobenzene	7.719	146	127251	4.783	ng	98
14) 1,2-Dichlorobenzene	8.025	146	120561	4.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	168852	4.841	ng	99
17) 2-Methylphenol	8.108	107	81751	4.270	ng	99
18) Hexachloroethane	8.749	117	41029	4.506	ng	98
19) n-Nitroso-di-n-propyla...	8.472	70	76340	4.669	ng	98
22) Acetophenone	8.484	105	170727	4.753	ng	# 98
24) Nitrobenzene	8.861	77	100098	4.161	ng	95
25) Isophorone	9.378	82	215193	4.413	ng	98
26) 2-Nitrophenol	9.566	139	24644	5.305	ng	98
27) 2,4-Dimethylphenol	9.625	122	86372	4.212	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	144278	4.695	ng	100
29) 2,4-Dichlorophenol	10.090	162	85429	3.946	ng	98
30) 1,2,4-Trichlorobenzene	10.313	180	108660	4.617	ng	98
31) Naphthalene	10.502	128	368922	4.764	ng	99
33) 4-Chloroaniline	10.602	127	132749	4.461	ng	98
34) Hexachlorobutadiene	10.796	225	70220	4.696	ng	99
36) 4-Chloro-3-methylphenol	11.719	107	91199	4.018	ng	99
37) 2-Methylnaphthalene	12.113	142	254416	4.694	ng	99
38) 1-Methylnaphthalene	12.343	142	251883	4.783	ng	97
40) 1,2,4,5-Tetrachloroben...	12.484	216	132759	4.615	ng	99
43) 2,4,6-Trichlorophenol	12.731	196	59158	3.479	ng	99
44) 2,4,5-Trichlorophenol	12.796	196	71602	3.690	ng	97
46) 1,1'-Biphenyl	13.137	154	336536	4.747	ng	99
47) 2-Chloronaphthalene	13.178	162	261657	4.691	ng	97
48) 2-Nitroaniline	13.372	65	38315	5.289	ng	96
49) Acenaphthylene	14.031	152	358129	4.405	ng	100
50) Dimethylphthalate	13.772	163	296661	4.405	ng	100
51) 2,6-Dinitrotoluene	13.878	165	32784	5.334	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026029.D
Acq On : 29 Oct 2025 10:07
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Oct 29 18:07:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

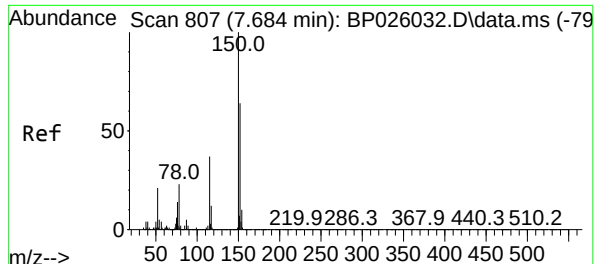
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.384	154	254758	4.564	ng	97
53) 3-Nitroaniline	14.201	138	40998	5.191	ng #	90
55) Dibenzofuran	14.725	168	399319	4.735	ng	99
57) 2,4-Dinitrotoluene	14.672	165	45113	5.098	ng	98
58) Fluorene	15.384	166	311704	4.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.948	232	51676	3.387	ng	96
60) Diethylphthalate	15.166	149	287071	4.240	ng	98
61) 4-Chlorophenyl-phenyle...	15.396	204	161882	4.907	ng	96
62) 4-Nitroaniline	15.390	138	47887	3.327	ng	90
63) Azobenzene	15.690	77	279169	4.550	ng	99
66) n-Nitrosodiphenylamine	15.595	169	260751	4.589	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	93744	4.650	ng	97
68) Hexachlorobenzene	16.419	284	108797	4.741	ng	99
69) Atrazine	16.578	200	80346	4.192	ng	99
71) Phenanthrene	17.172	178	514616	4.865	ng	99
72) Anthracene	17.260	178	483312	4.609	ng	99
73) Carbazole	17.537	167	447699	4.511	ng	99
74) Di-n-butylphthalate	18.154	149	425656	3.833	ng	99
75) Fluoranthene	19.260	202	572045	4.636	ng	98
78) Pyrene	19.631	202	608386	4.441	ng	99
80) Butylbenzylphthalate	20.607	149	118757	5.554	ng	97
81) Benzo(a)anthracene	21.548	228	647742	4.653	ng	99
83) Chrysene	21.613	228	612715	4.647	ng	100
84) Bis(2-ethylhexyl)phtha...	21.525	149	229182	5.327	ng	99
87) Indeno(1,2,3-cd)pyrene	28.630	276	626036	4.030	ng	97
88) Benzo(b)fluoranthene	23.824	252	565252	4.326	ng	98
89) Benzo(k)fluoranthene	23.895	252	588563	4.411	ng	97
90) Benzo(a)pyrene	24.713	252	495105	4.124	ng	99
91) Dibenzo(a,h)anthracene	28.712	278	514485	4.069	ng	97
92) Benzo(g,h,i)perylene	29.748	276	508408	4.178	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

- 1
- 2
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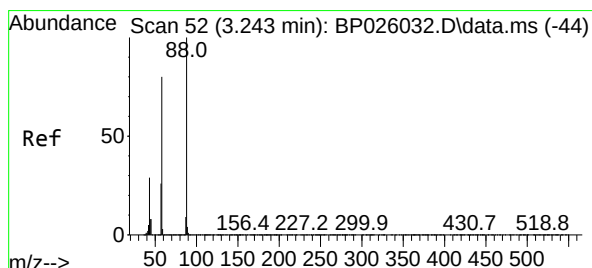
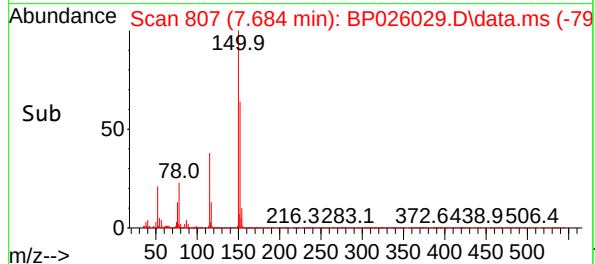
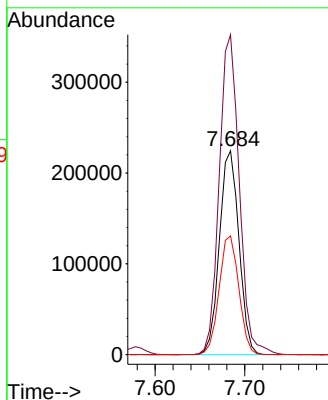
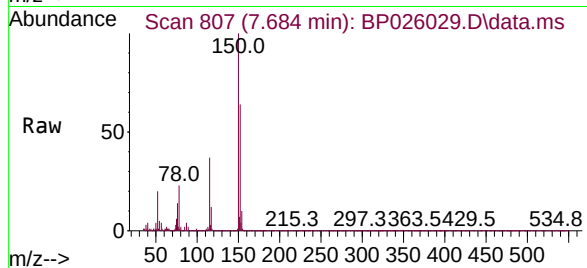




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

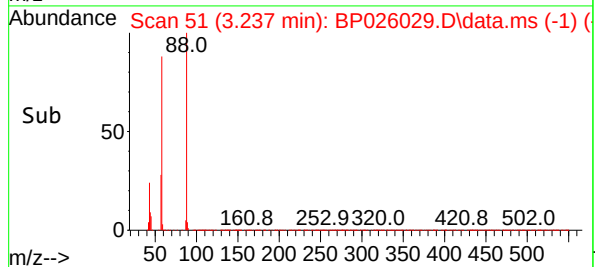
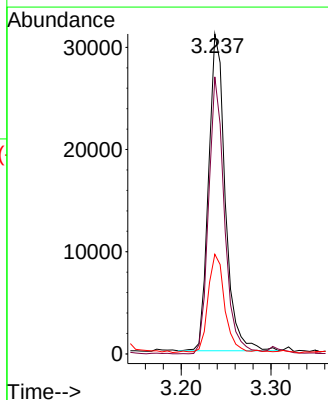
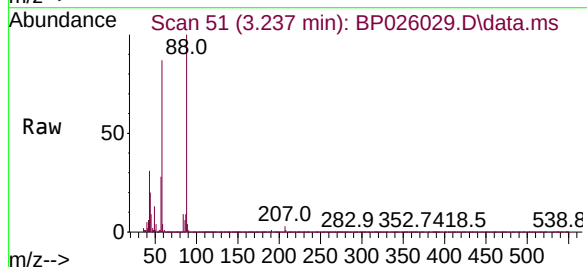
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

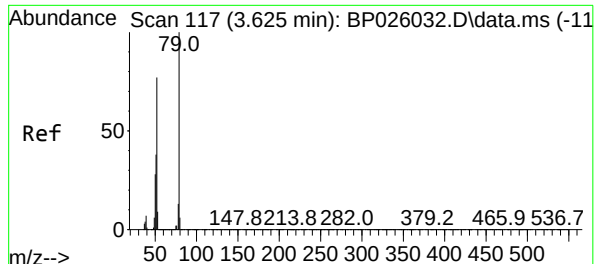
Tgt Ion:152 Resp: 341461
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.3 46.4 69.6



#2
1,4-Dioxane
Concen: 4.615 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 88 Resp: 40256
Ion Ratio Lower Upper
88 100
58 83.2 65.4 98.0
43 31.1 23.1 34.7

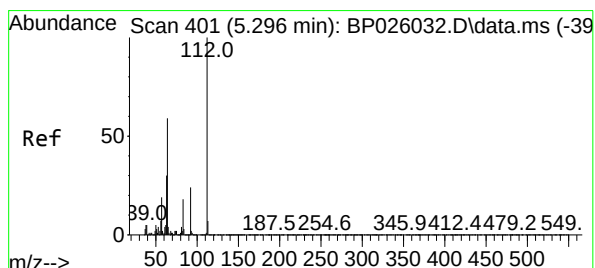
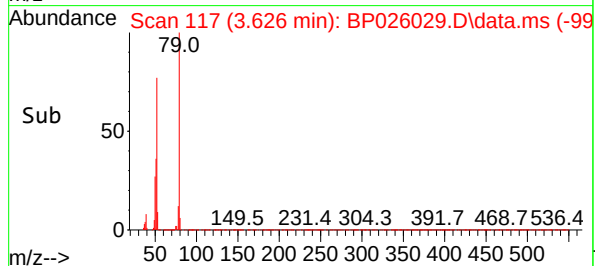
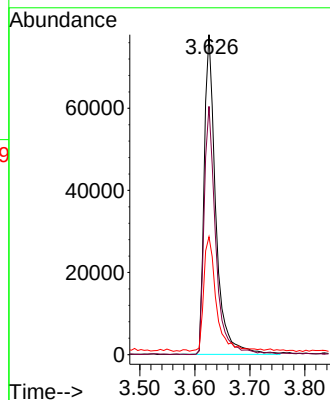
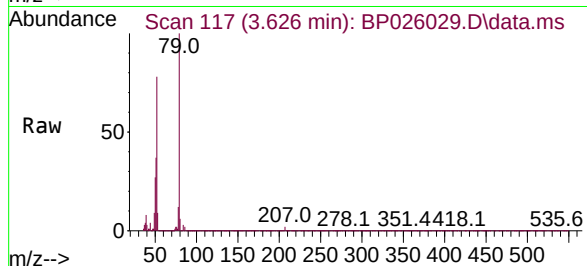




#3
Pyridine
Concen: 4.580 ng
RT: 3.626 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

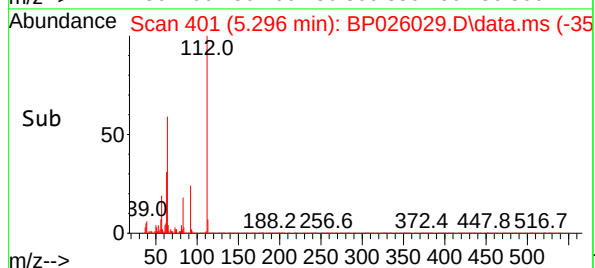
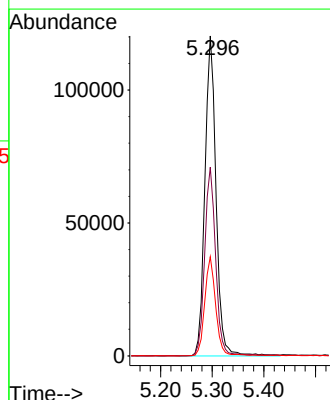
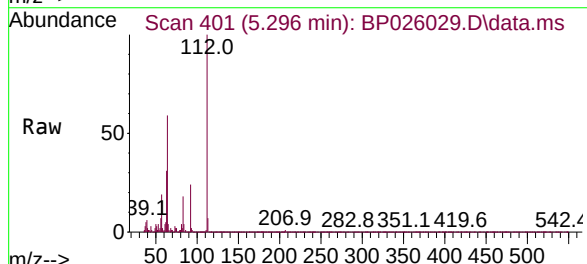
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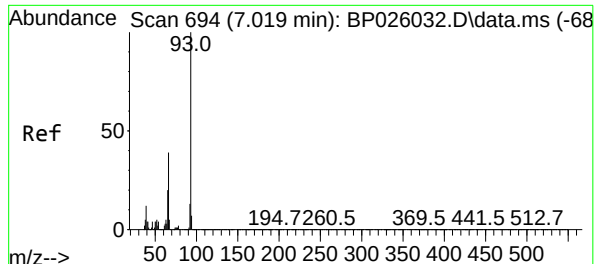
Tgt Ion: 79 Resp: 113576
Ion Ratio Lower Upper
79 100
52 77.6 62.0 93.0
51 36.8 30.6 46.0



#5
2-Fluorophenol
Concen: 8.707 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 112 Resp: 180174
Ion Ratio Lower Upper
112 100
64 59.0 47.4 71.2
63 31.0 24.2 36.4

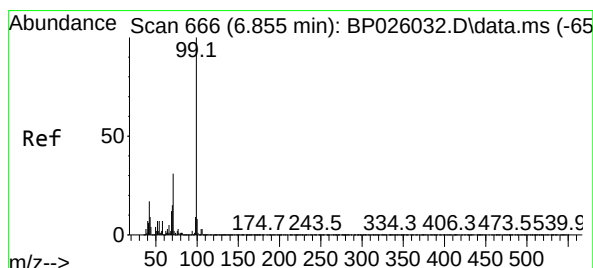
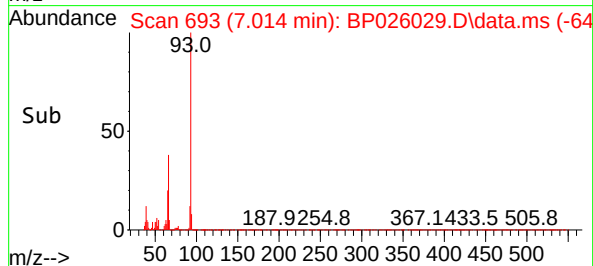
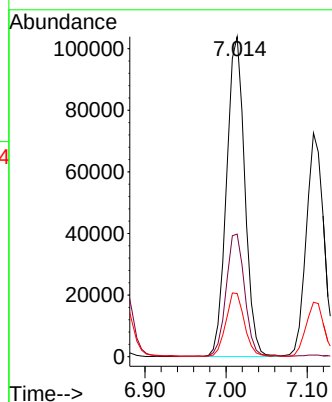
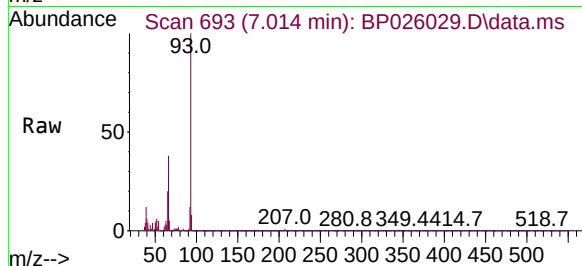




#6
Aniline
Concen: 4.598 ng
RT: 7.014 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

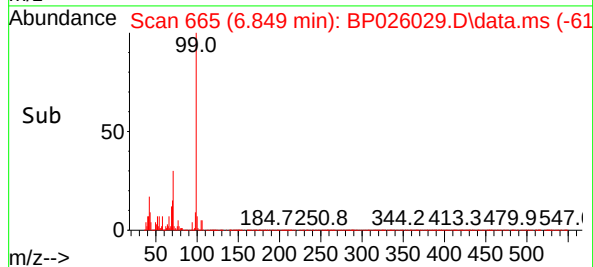
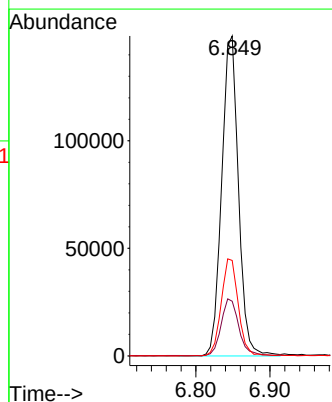
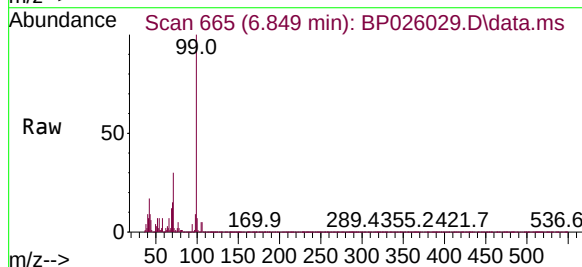
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

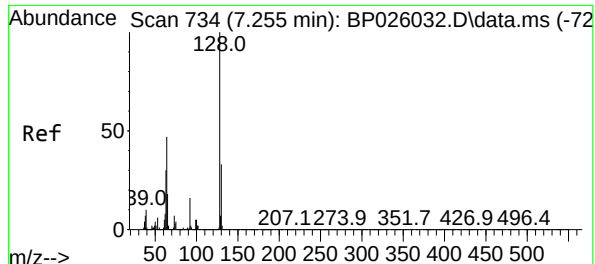
Tgt Ion: 93 Resp: 161620
Ion Ratio Lower Upper
93 100
66 38.3 31.2 46.8
65 19.7 16.1 24.1



#7
Phenol-d6
Concen: 8.858 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 99 Resp: 233297
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 29.8 24.4 36.6

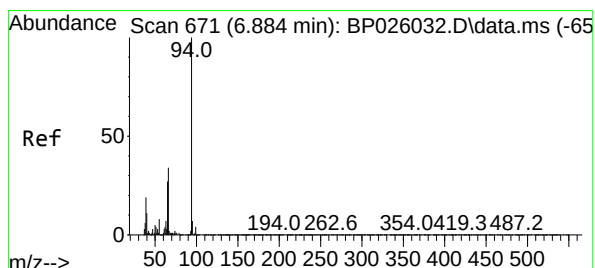
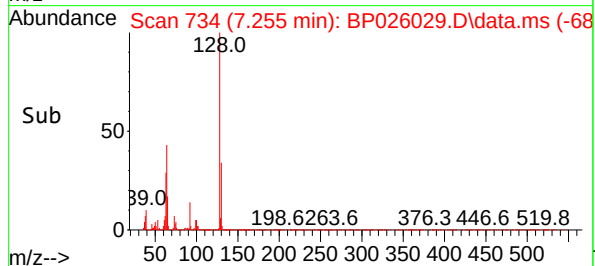
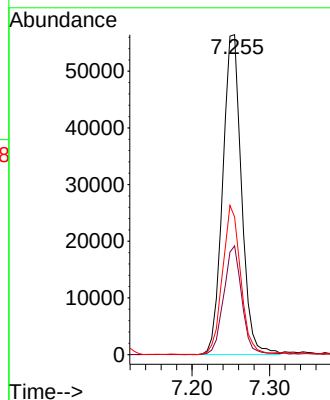
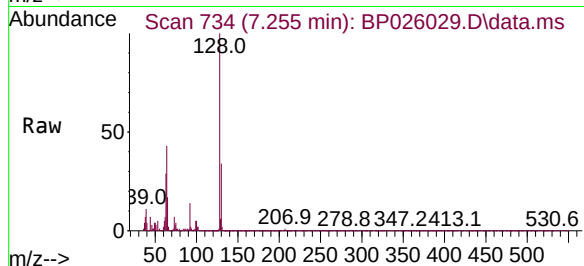




#8
2-Chlorophenol
Concen: 4.159 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

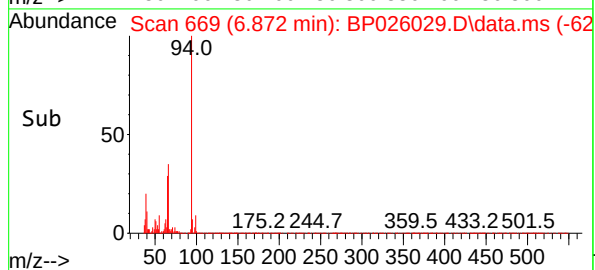
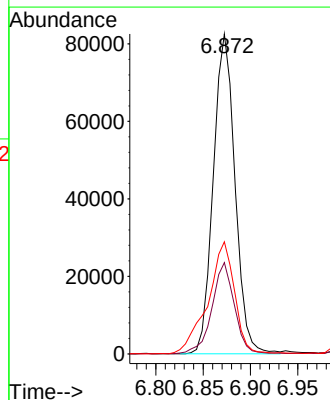
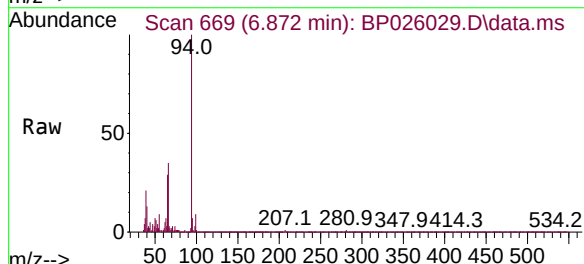
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

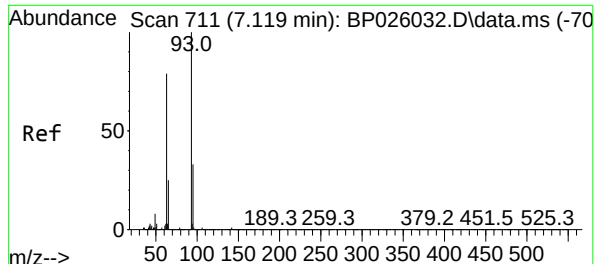
Tgt Ion:	128	Resp:	95293
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.7	52.7
64	43.0	27.4	67.4



#10
Phenol
Concen: 4.502 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:	94	Resp:	131630
Ion Ratio	Lower	Upper	
94	100		
65	28.5	7.1	47.1
66	35.0	14.4	54.4

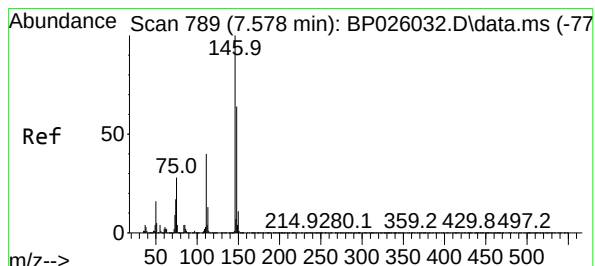
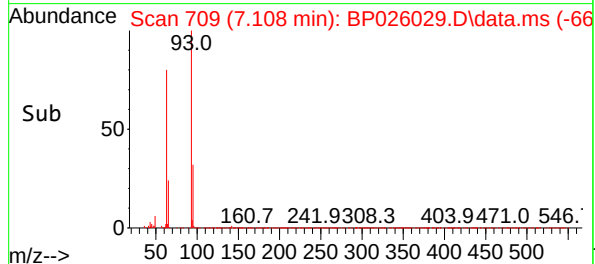
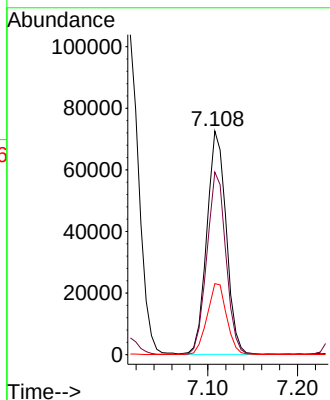
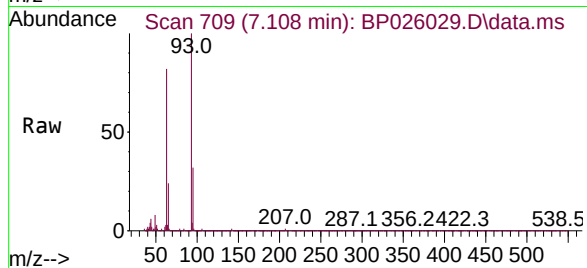




#11
bis(2-Chloroethyl)ether
Concen: 4.703 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

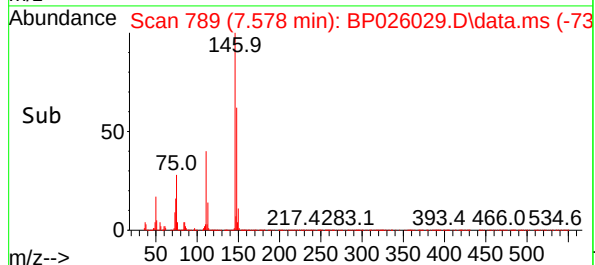
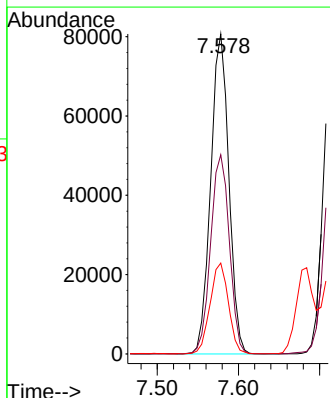
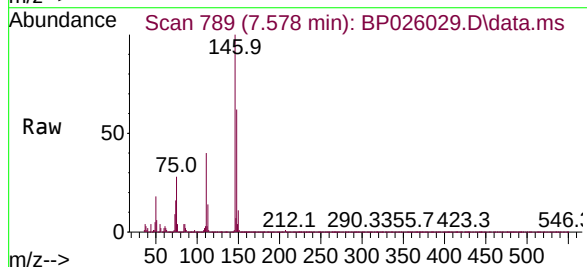
Instrument :
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ClientSampleId :
SSTDICC005

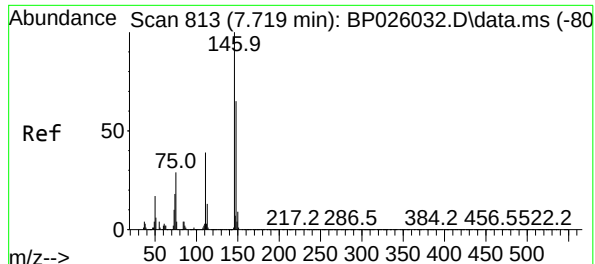
Tgt Ion: 93 Resp: 108520
Ion Ratio Lower Upper
93 100
63 81.6 59.1 99.1
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 4.755 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 146 Resp: 125141
Ion Ratio Lower Upper
146 100
148 62.2 51.6 77.4
75 28.4 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 4.783 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

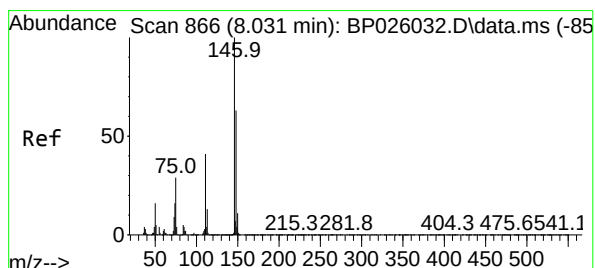
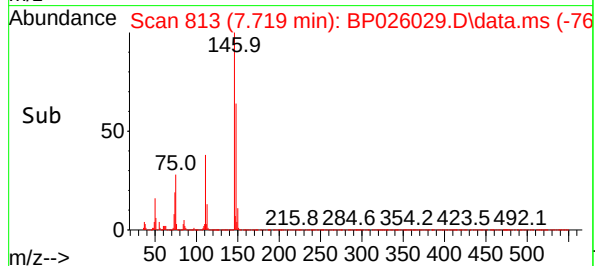
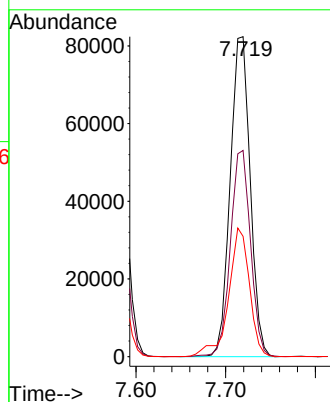
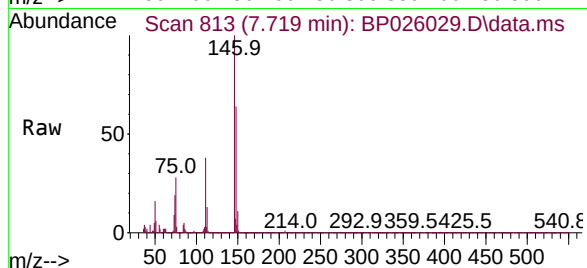
Tgt Ion:146 Resp: 127251

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 37.6 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 4.748 ng

RT: 8.025 min Scan# 865

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

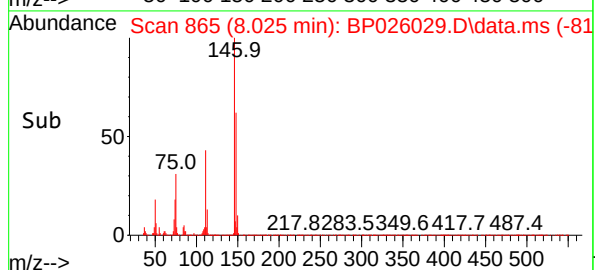
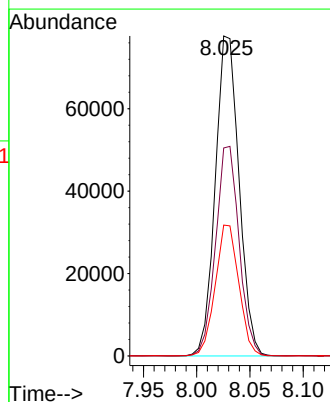
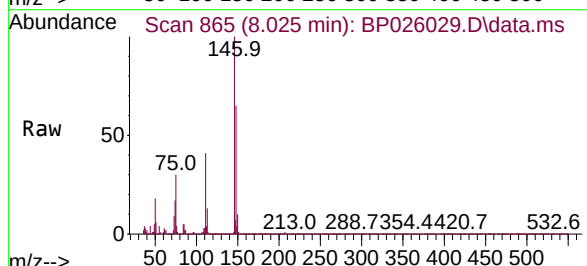
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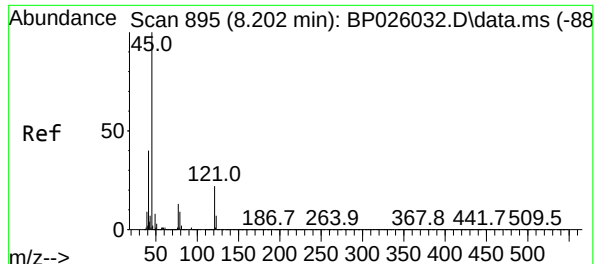
Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.9 33.0 49.4





#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.841 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

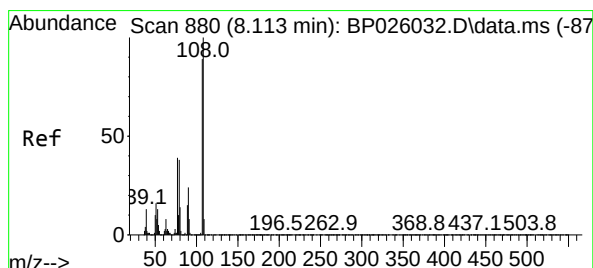
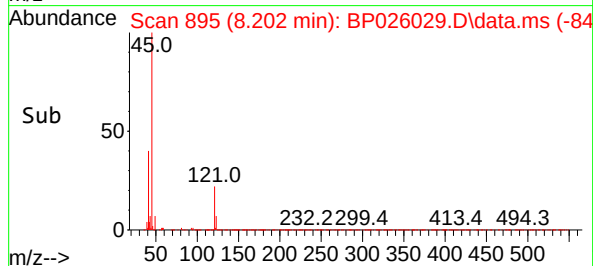
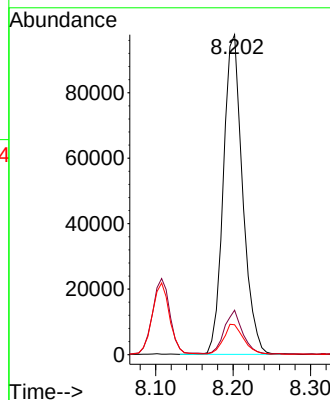
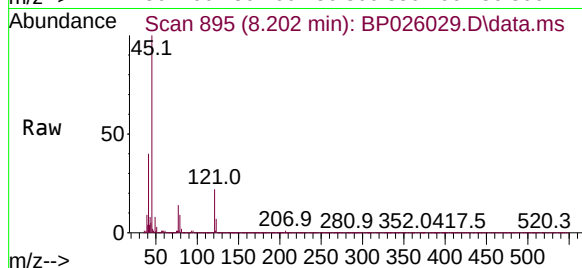
Tgt Ion: 45 Resp: 168852

Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

79 9.3 0.0 29.5



#17

2-Methylphenol

Concen: 4.270 ng

RT: 8.108 min Scan# 879

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion: 107 Resp: 81751

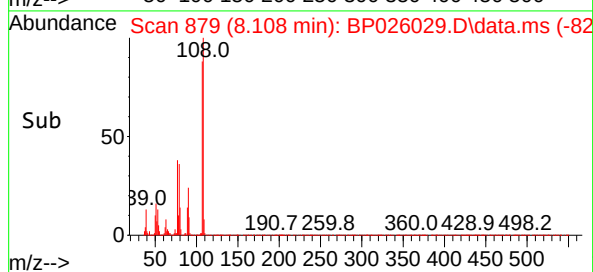
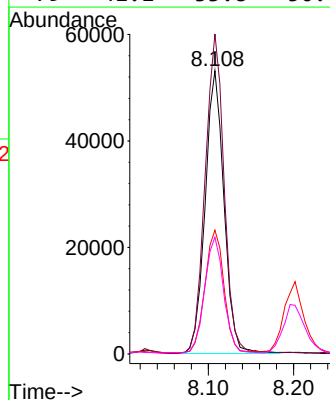
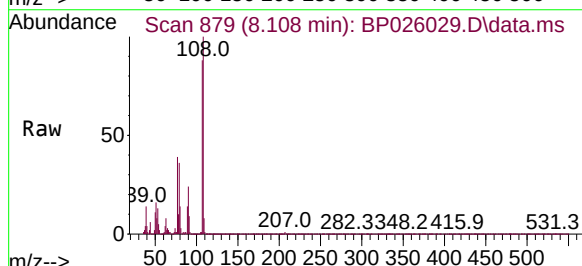
Ion Ratio Lower Upper

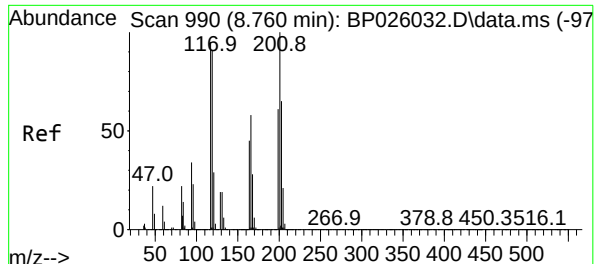
107 100

108 113.0 89.8 134.8

77 43.7 34.8 52.2

79 41.1 33.8 50.6

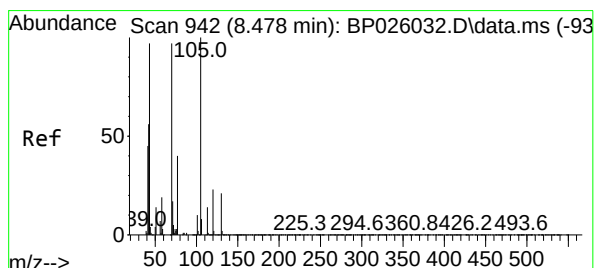
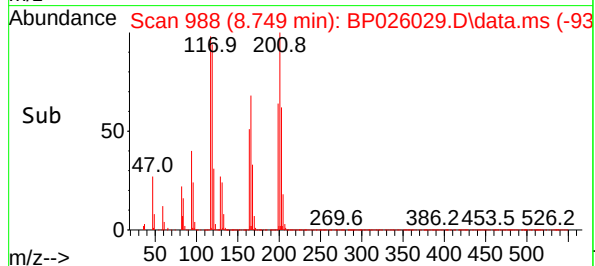
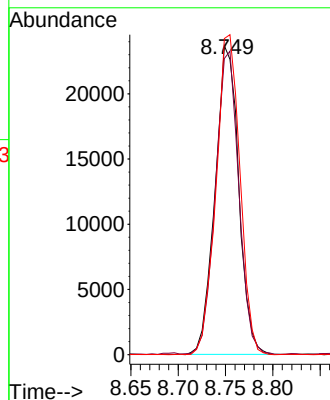
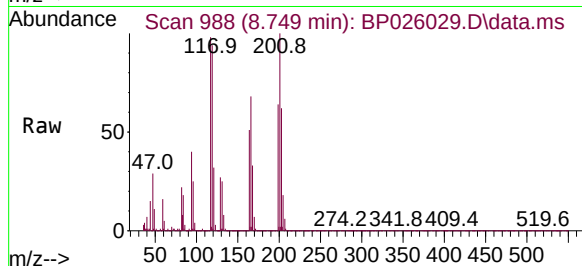




#18
Hexachloroethane
Concen: 4.506 ng
RT: 8.749 min Scan# 988
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

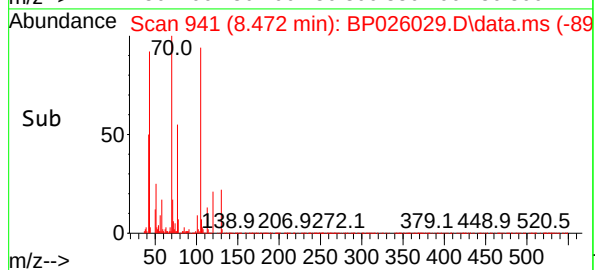
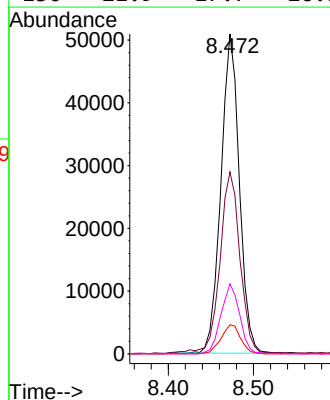
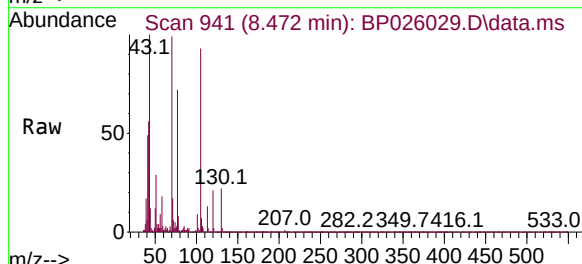
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

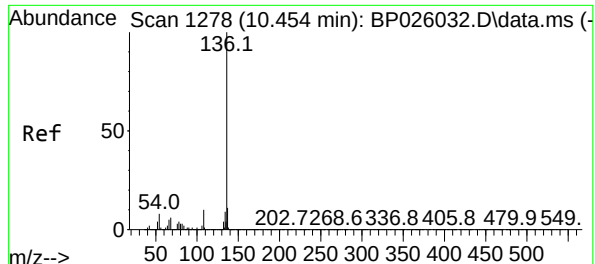
Tgt Ion:117 Resp: 41029
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 102.3 84.2 126.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.669 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.017 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 70 Resp: 76340
Ion Ratio Lower Upper
70 100
42 56.8 47.2 70.8
101 9.1 8.2 12.2
130 21.9 17.7 26.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 1420199

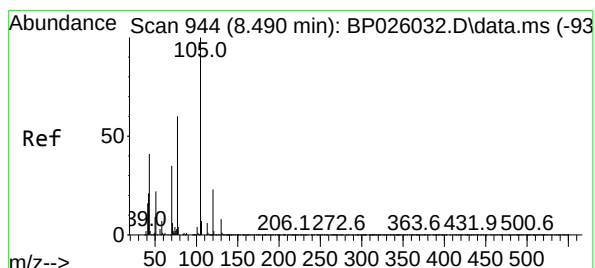
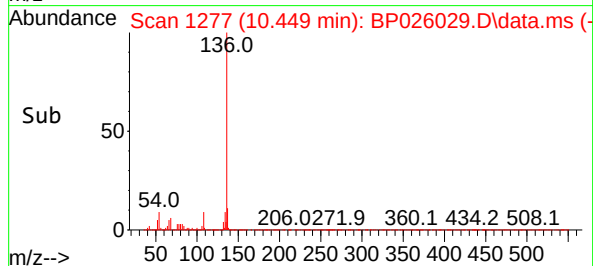
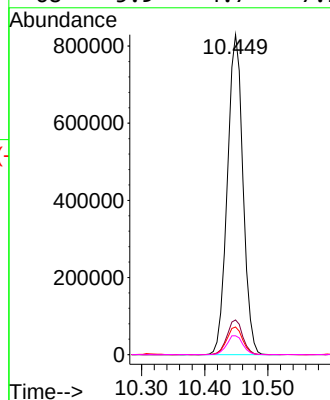
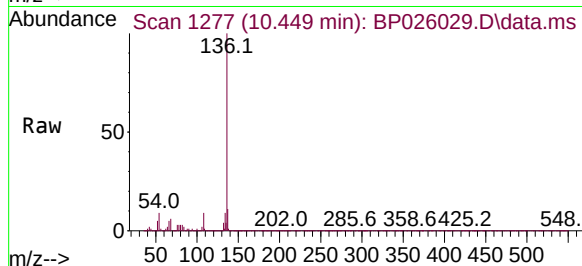
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 6.6 10.0

68 5.9 4.7 7.1



#22

Acetophenone

Concen: 4.753 ng

RT: 8.484 min Scan# 943

Delta R.T. -0.011 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:105 Resp: 170727

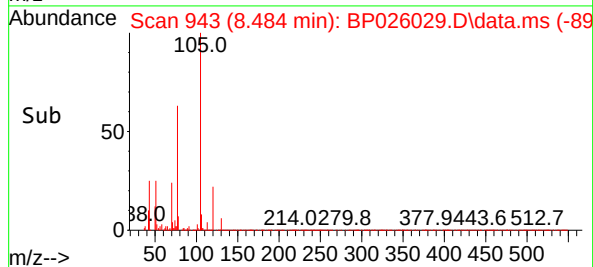
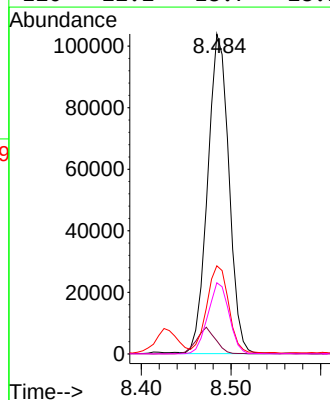
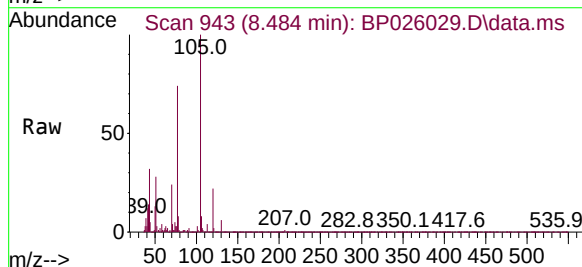
Ion Ratio Lower Upper

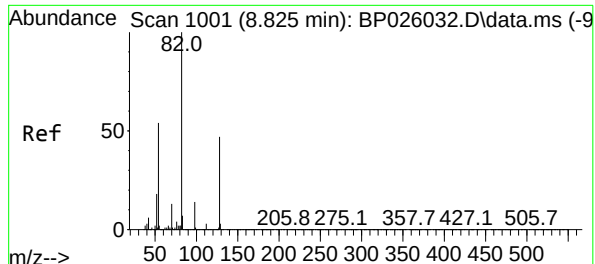
105 100

71 4.1 4.7 7.1#

51 27.5 21.8 32.8

120 22.2 18.7 28.1





#23

Nitrobenzene-d5

Concen: 7.994 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

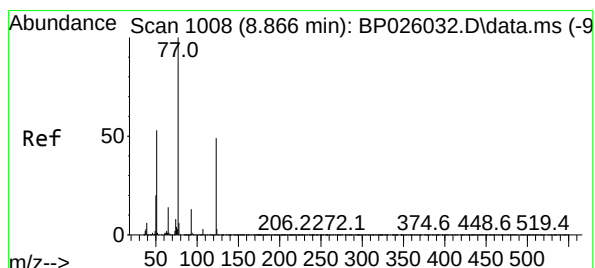
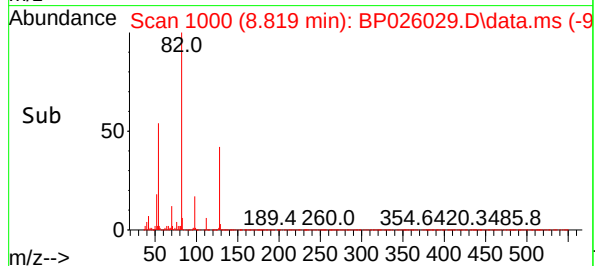
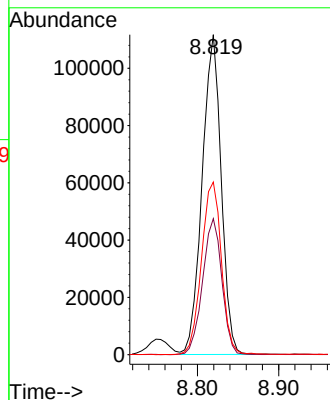
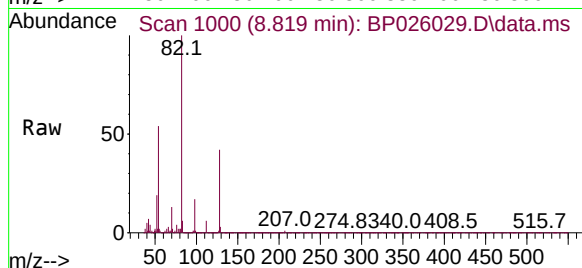
Tgt Ion: 82 Resp: 182124

Ion Ratio Lower Upper

82 100

128 42.5 37.4 56.0

54 53.9 42.7 64.1



#24

Nitrobenzene

Concen: 4.161 ng

RT: 8.861 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

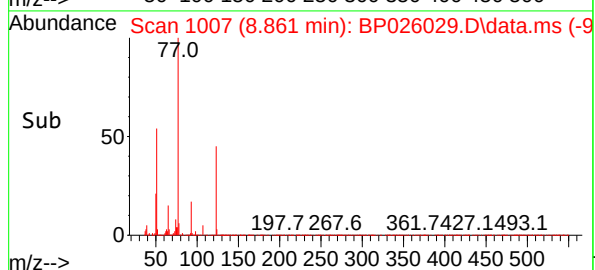
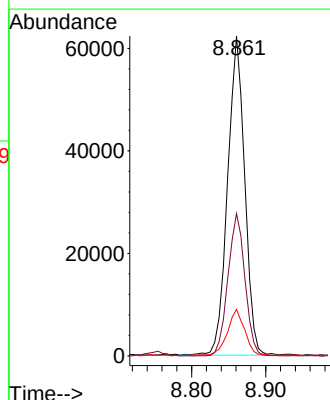
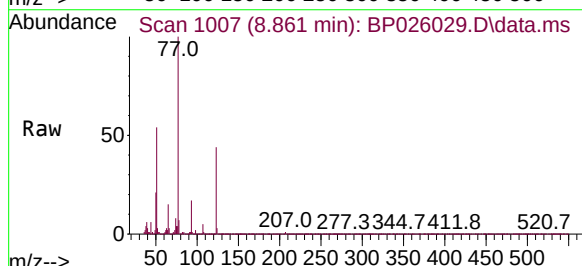
Tgt Ion: 77 Resp: 100098

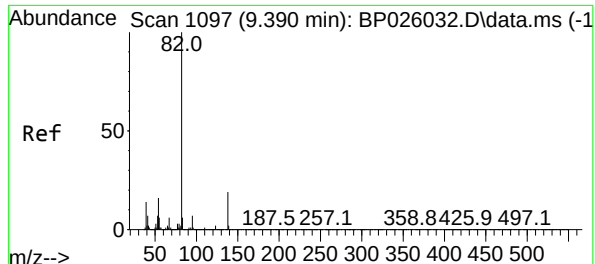
Ion Ratio Lower Upper

77 100

123 44.5 39.0 58.4

65 14.5 10.9 16.3





#25

Isophorone

Concen: 4.413 ng

RT: 9.378 min Scan# 1095

Delta R.T. -0.011 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDIC005

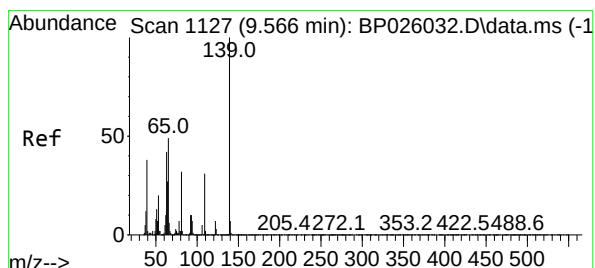
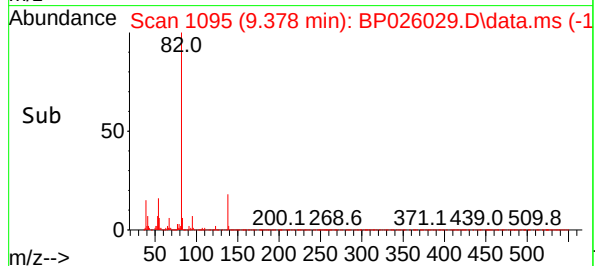
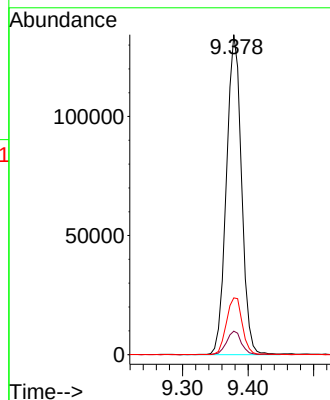
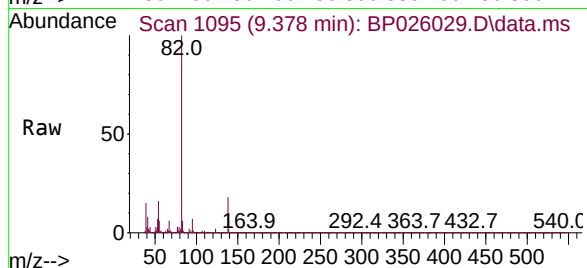
Tgt Ion: 82 Resp: 215193

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.8 15.0 22.6



#26

2-Nitrophenol

Concen: 5.305 ng

RT: 9.566 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

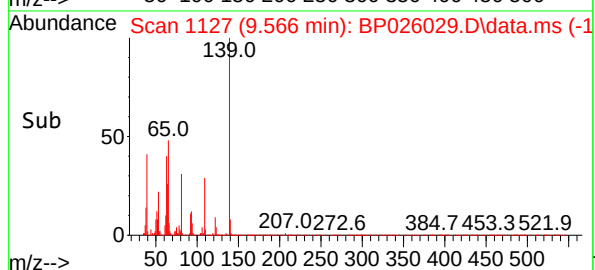
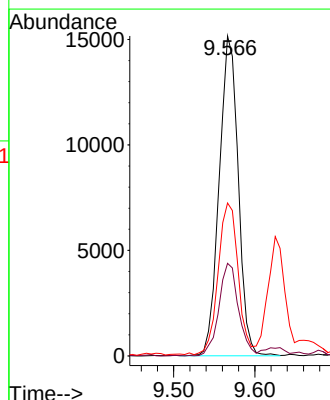
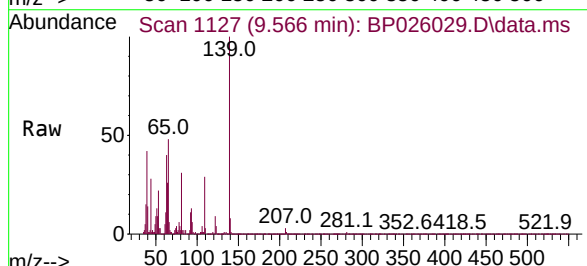
Tgt Ion: 139 Resp: 24644

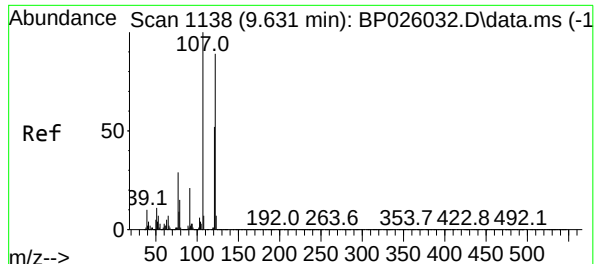
Ion Ratio Lower Upper

139 100

109 28.9 24.8 37.2

65 47.8 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 4.212 ng

RT: 9.625 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

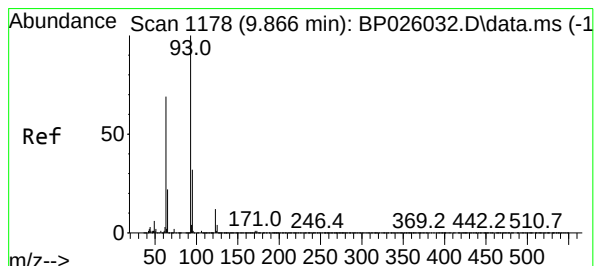
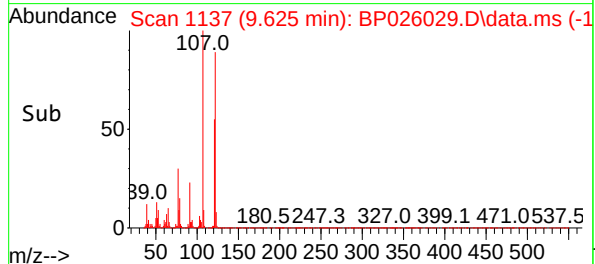
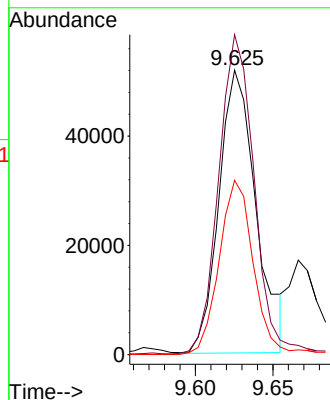
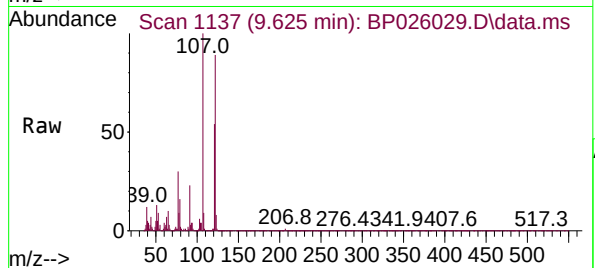
Tgt Ion:122 Resp: 86372

Ion Ratio Lower Upper

122 100

107 112.5 89.2 133.8

121 61.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 4.695 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

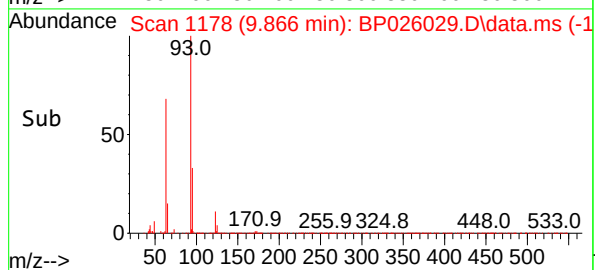
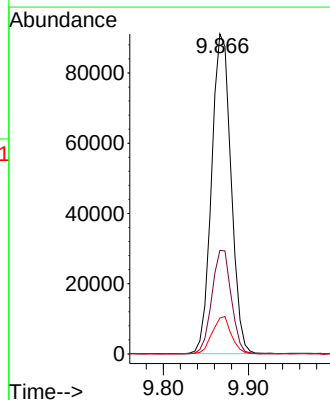
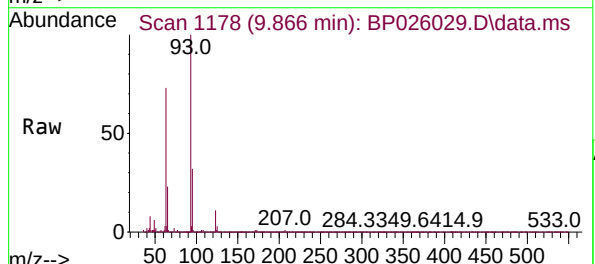
Tgt Ion: 93 Resp: 144278

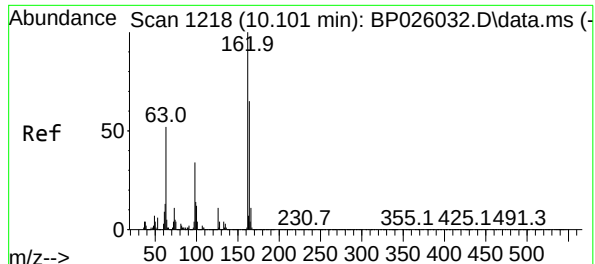
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 11.2 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 3.946 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

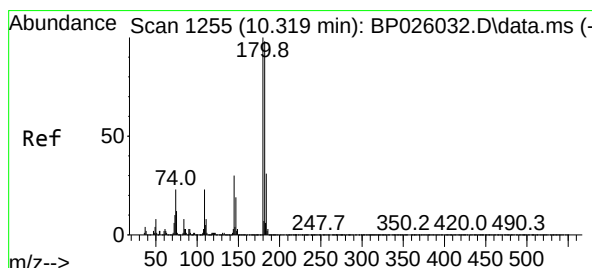
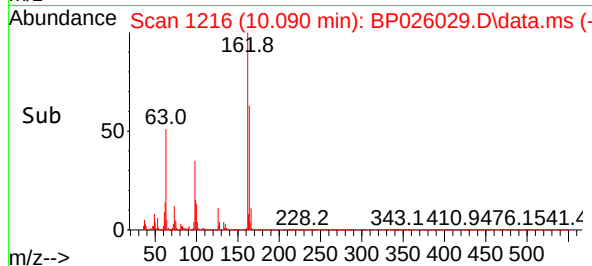
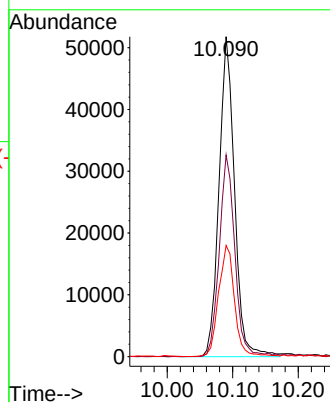
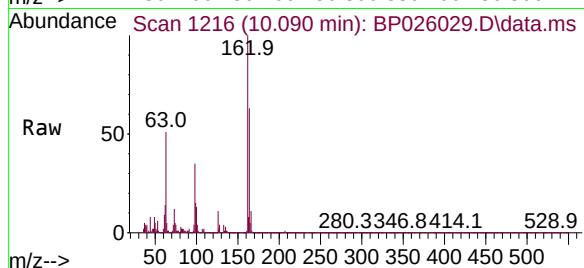
Tgt Ion:162 Resp: 85429

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 34.7 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 4.617 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

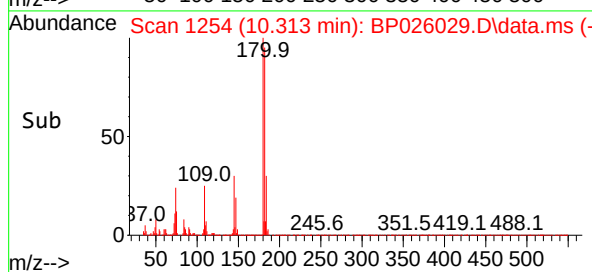
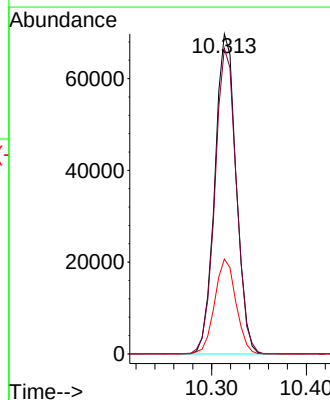
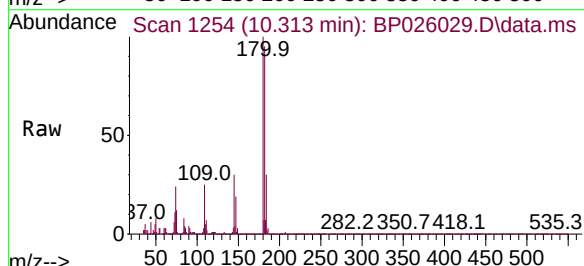
Tgt Ion:180 Resp: 108660

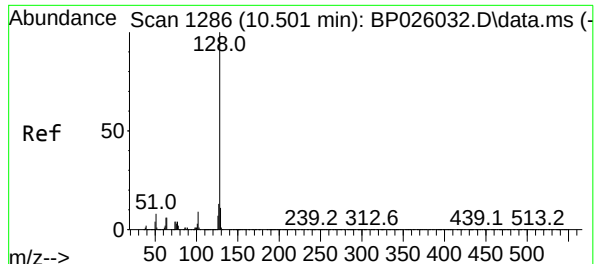
Ion Ratio Lower Upper

180 100

182 95.5 78.6 117.8

145 29.6 24.2 36.4





#31

Naphthalene

Concen: 4.764 ng

RT: 10.502 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

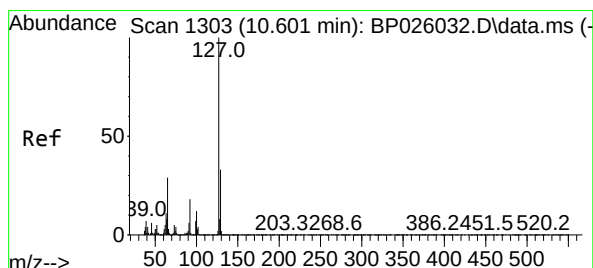
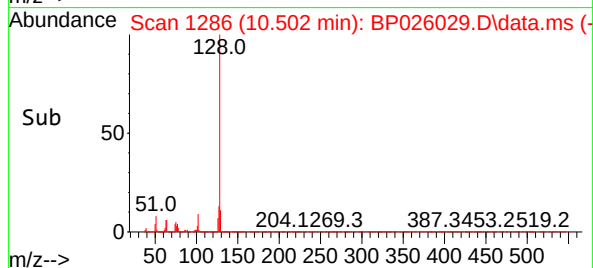
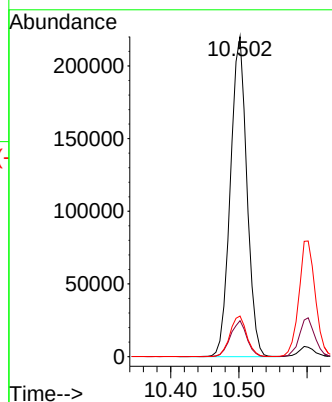
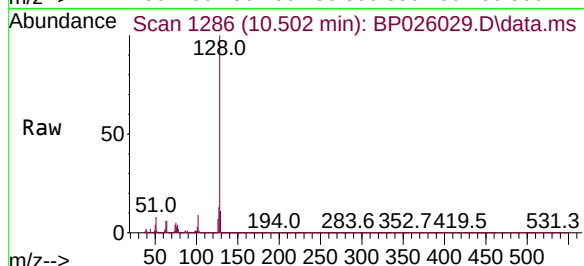
Tgt Ion:128 Resp: 368922

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.7 10.5 15.7



#33

4-Chloroaniline

Concen: 4.461 ng

RT: 10.602 min Scan# 1303

Delta R.T. 0.007 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:127 Resp: 132749

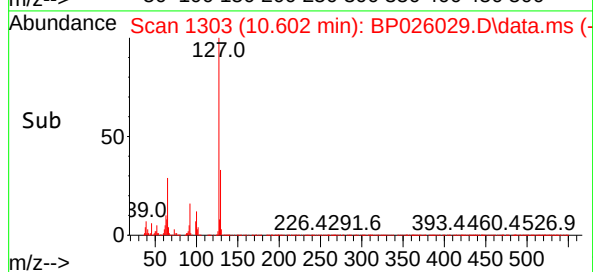
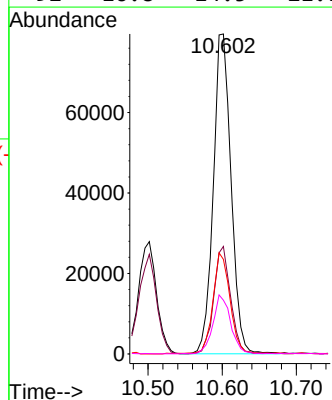
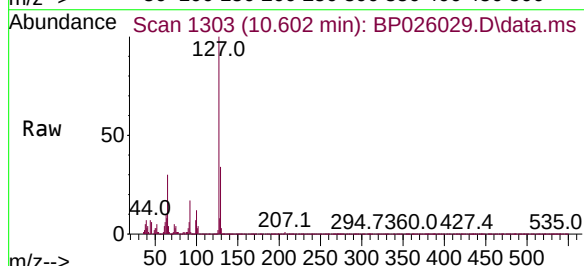
Ion Ratio Lower Upper

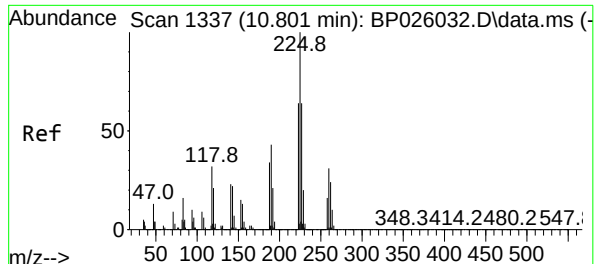
127 100

129 33.6 26.0 39.0

65 29.5 23.2 34.8

92 16.8 14.5 21.7

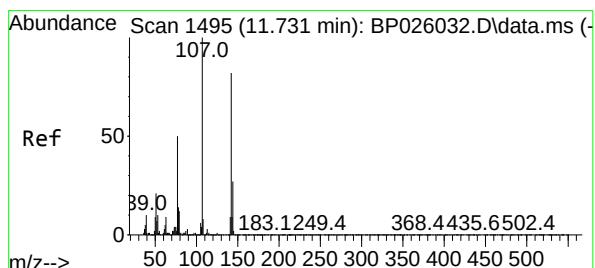
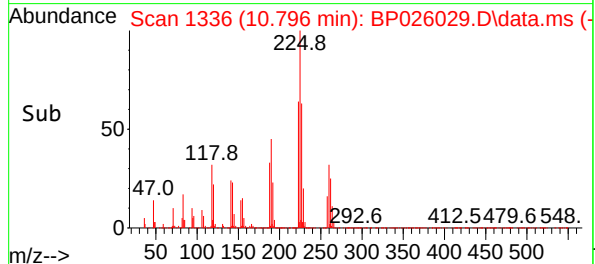
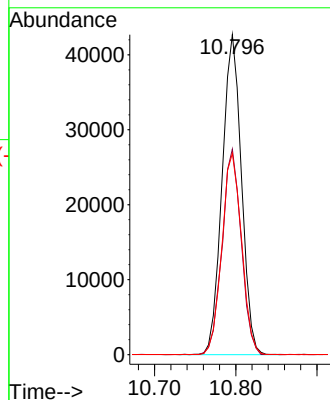
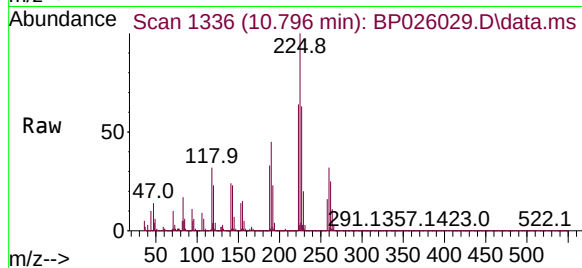




#34
Hexachlorobutadiene
Concen: 4.696 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

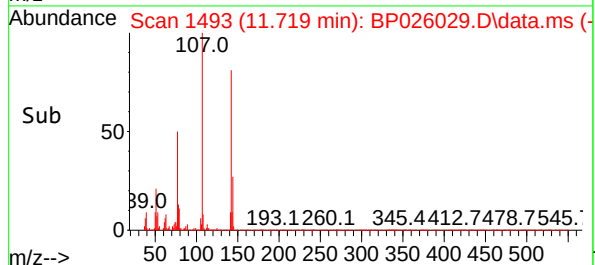
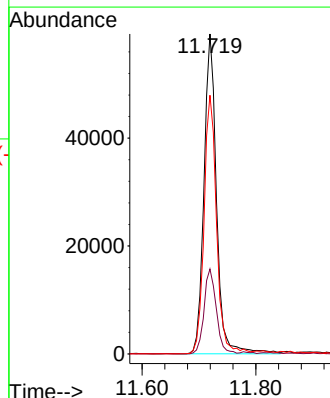
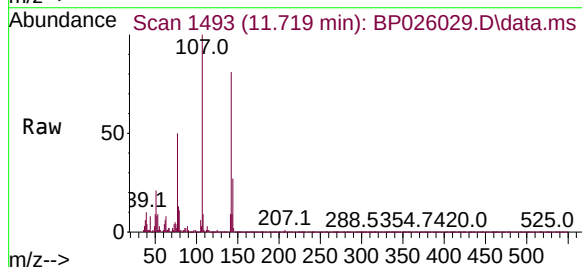
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

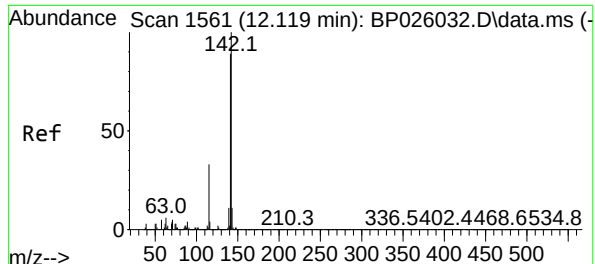
Tgt Ion:225 Resp: 70220
Ion Ratio Lower Upper
225 100
223 64.2 50.9 76.3
227 62.9 51.0 76.4



#36
4-Chloro-3-methylphenol
Concen: 4.018 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:107 Resp: 91199
Ion Ratio Lower Upper
107 100
144 26.5 21.3 31.9
142 80.8 65.2 97.8





#37

2-Methylnaphthalene

Concen: 4.694 ng

RT: 12.113 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDIC005

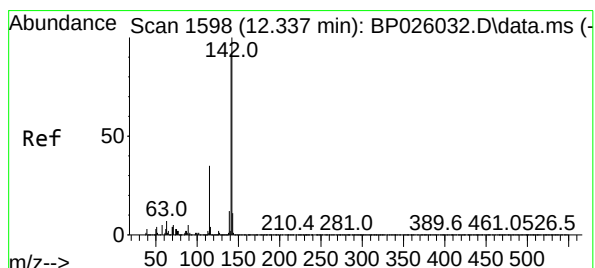
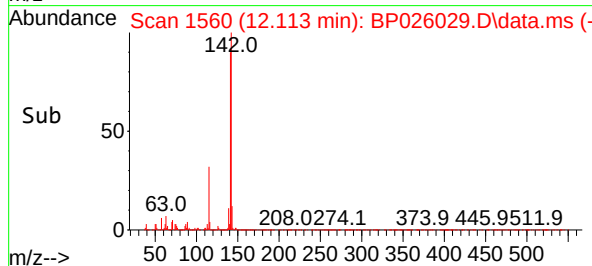
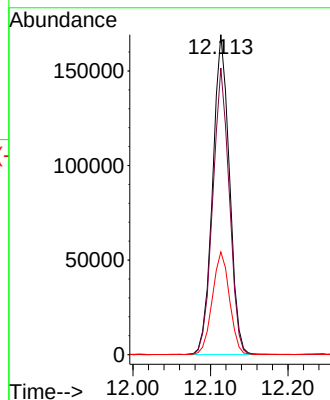
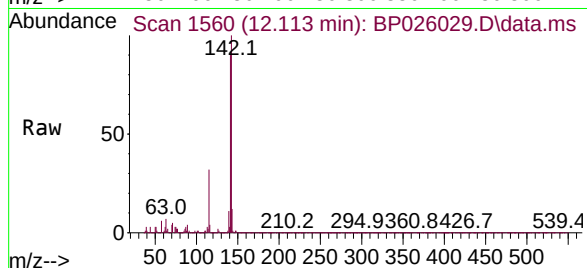
Tgt Ion:142 Resp: 254416

Ion Ratio Lower Upper

142 100

141 89.6 71.6 107.4

115 32.1 26.6 39.8



#38

1-Methylnaphthalene

Concen: 4.783 ng

RT: 12.343 min Scan# 1599

Delta R.T. 0.007 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

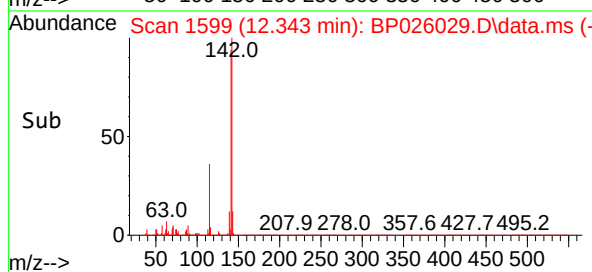
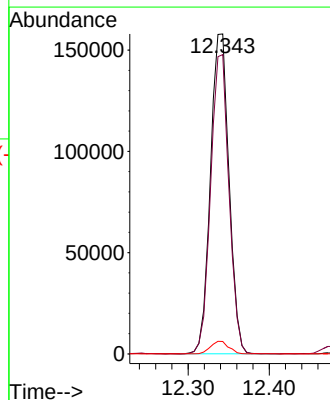
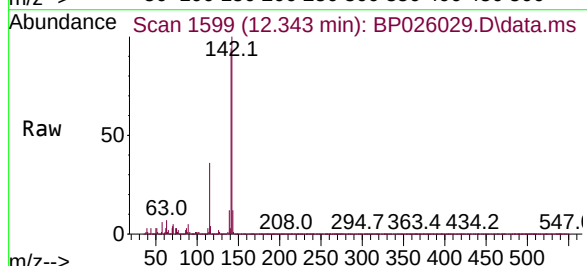
Tgt Ion:142 Resp: 251883

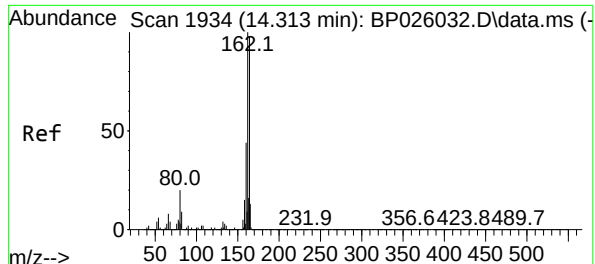
Ion Ratio Lower Upper

142 100

141 93.5 72.7 109.1

116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDIC005

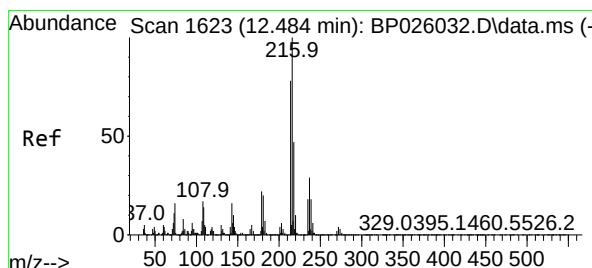
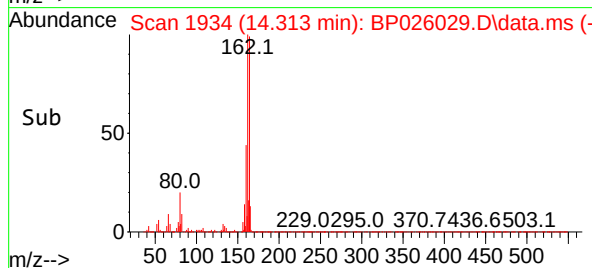
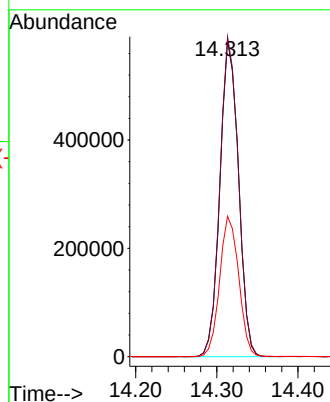
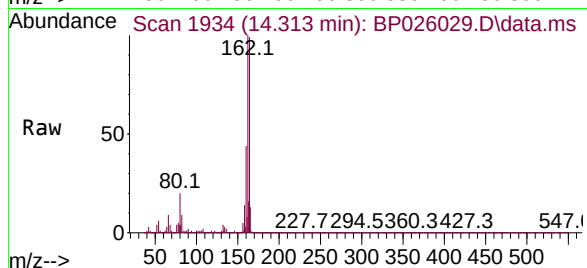
Tgt Ion:164 Resp: 925892

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.615 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:216 Resp: 132759

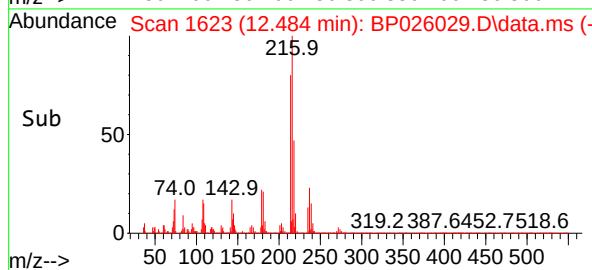
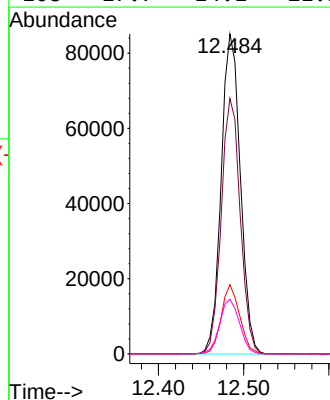
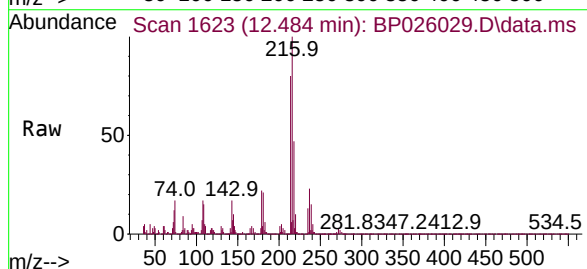
Ion Ratio Lower Upper

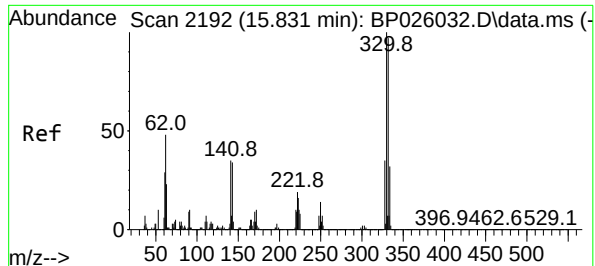
216 100

214 79.1 62.9 94.3

179 20.8 16.9 25.3

108 17.7 14.1 21.1





#42

2,4,6-Tribromophenol

Concen: 7.179 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

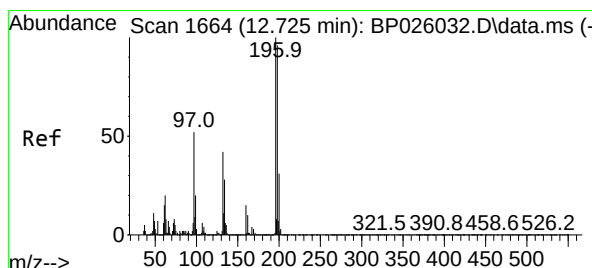
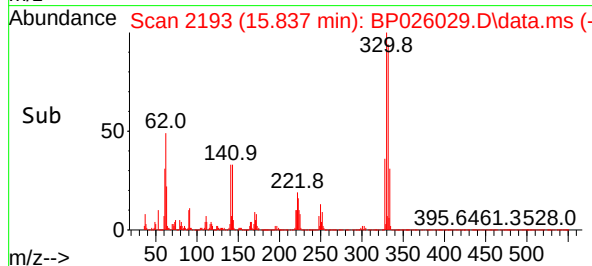
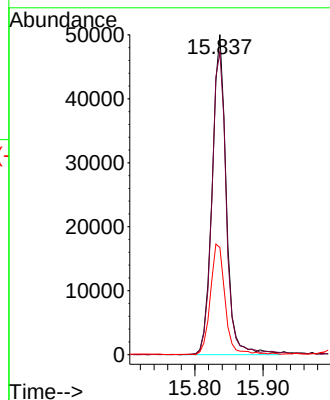
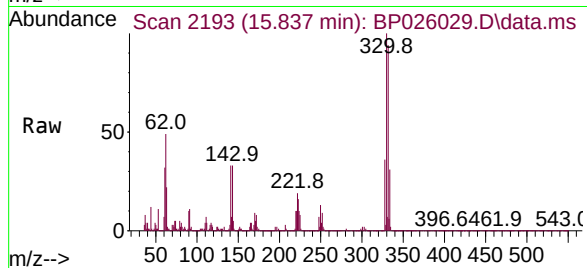
Tgt Ion:330 Resp: 71861

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 35.9 28.6 42.8



#43

2,4,6-Trichlorophenol

Concen: 3.479 ng

RT: 12.731 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

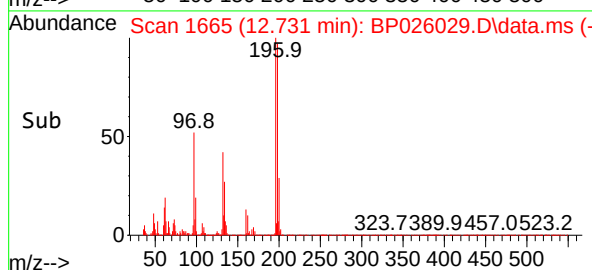
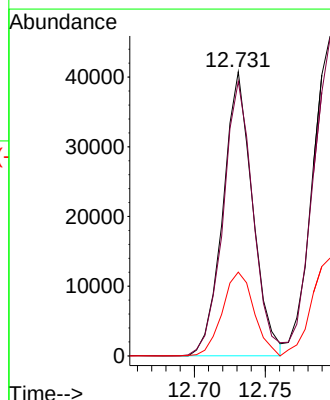
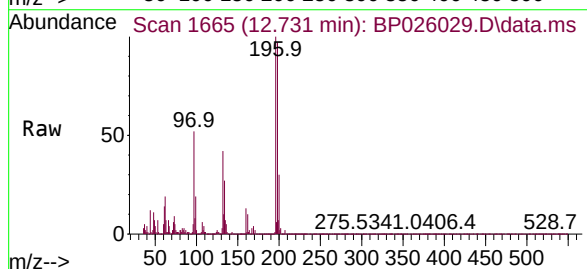
Tgt Ion:196 Resp: 59158

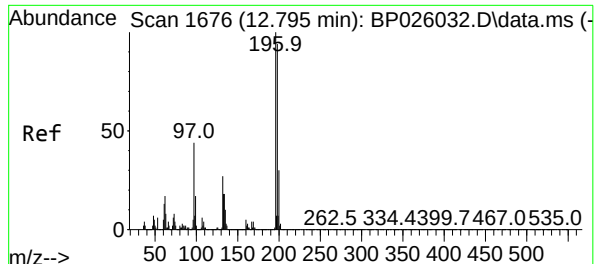
Ion Ratio Lower Upper

196 100

198 96.6 76.5 114.7

200 29.5 24.4 36.6





#44

2,4,5-Trichlorophenol

Concen: 3.690 ng

RT: 12.796 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 71602

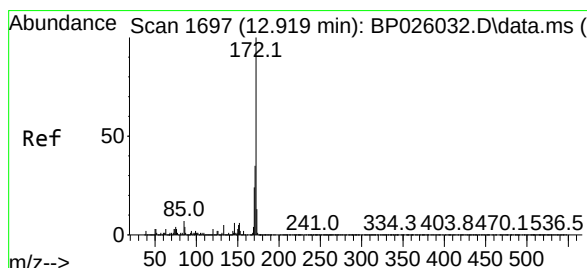
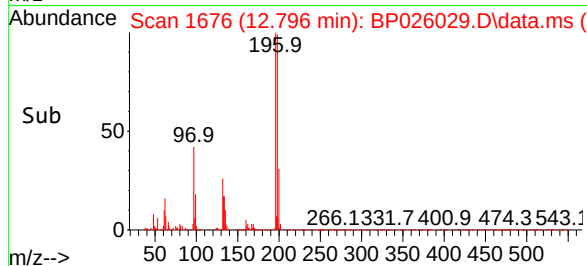
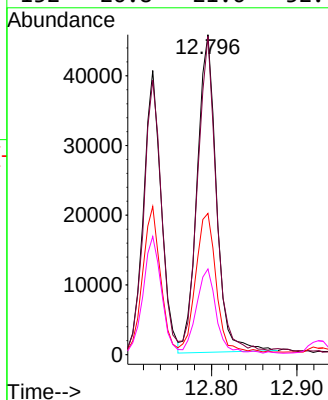
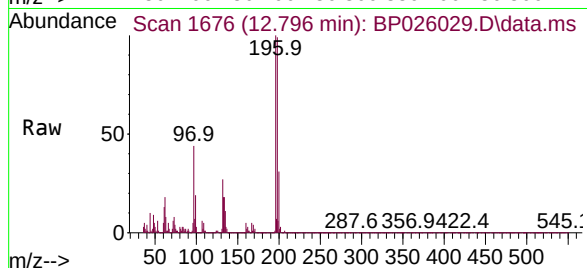
Ion Ratio Lower Upper

196 100

198 99.4 75.1 112.7

97 44.1 35.5 53.3

132 26.8 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 9.698 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

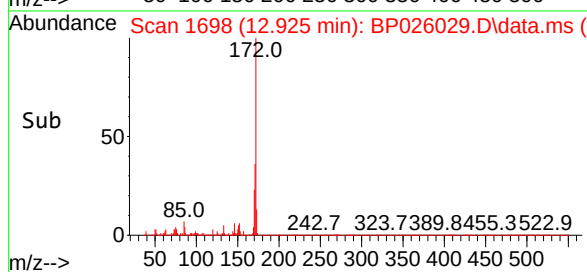
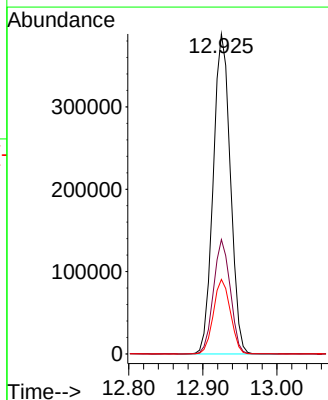
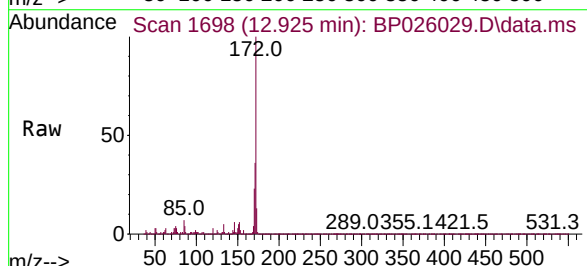
Tgt Ion:172 Resp: 624927

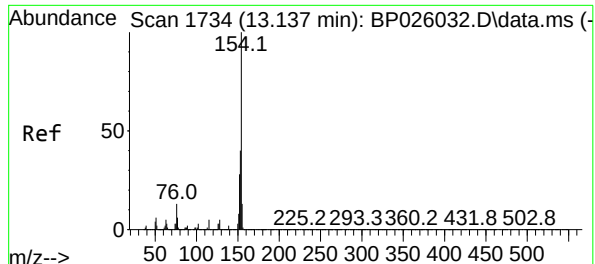
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 23.3 19.0 28.4





#46

1,1'-Biphenyl

Concen: 4.747 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

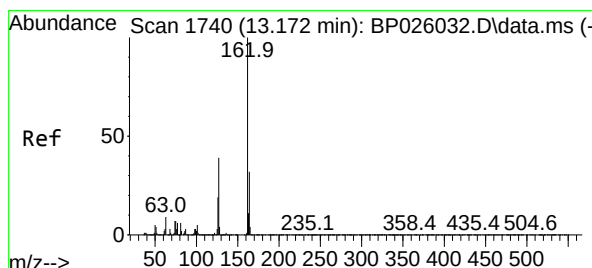
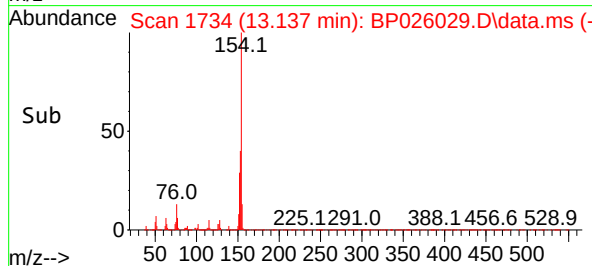
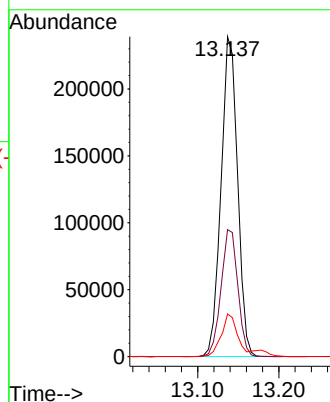
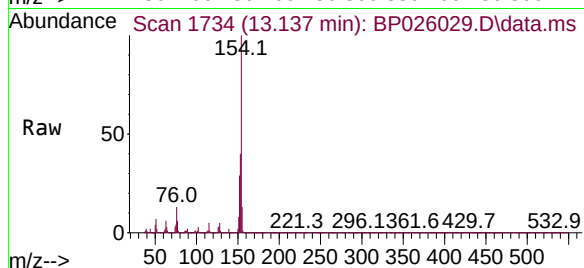
Tgt Ion:154 Resp: 336536

Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

76 13.3 0.0 32.8



#47

2-Chloronaphthalene

Concen: 4.691 ng

RT: 13.178 min Scan# 1741

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

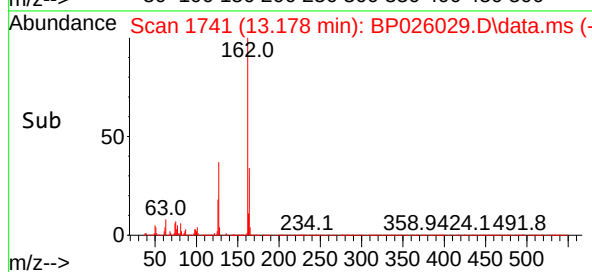
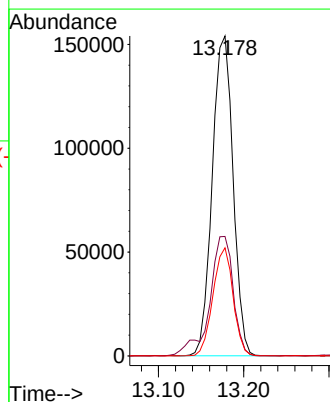
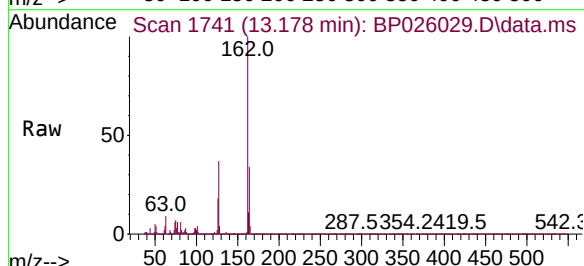
Tgt Ion:162 Resp: 261657

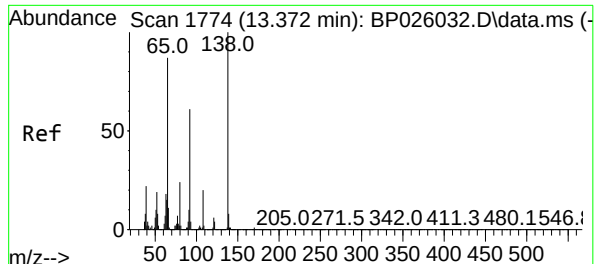
Ion Ratio Lower Upper

162 100

127 37.3 31.4 47.2

164 33.8 25.9 38.9





#48

2-Nitroaniline

Concen: 5.289 ng

RT: 13.372 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

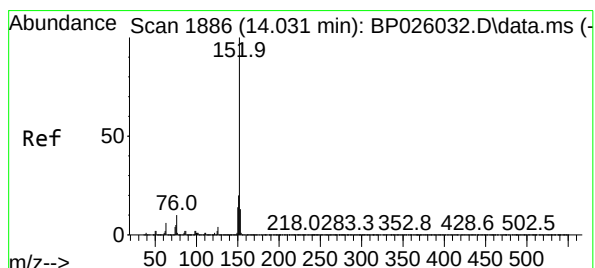
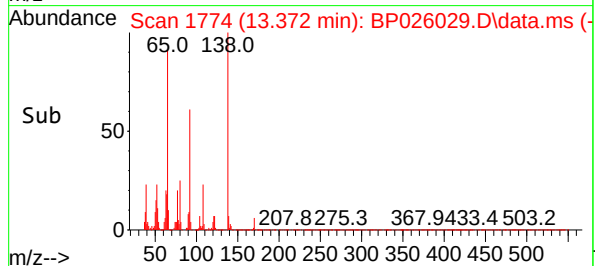
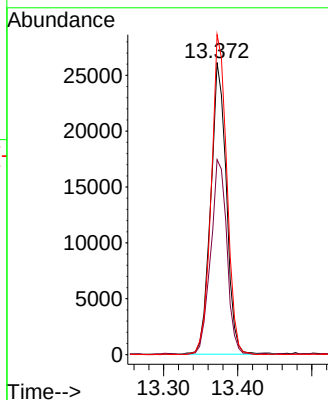
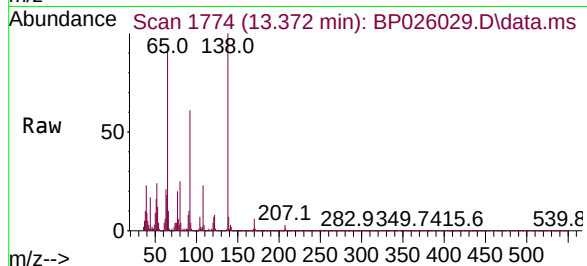
Tgt Ion: 65 Resp: 38315

Ion Ratio Lower Upper

65 100

92 66.7 55.5 83.3

138 109.5 91.7 137.5



#49

Acenaphthylene

Concen: 4.405 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

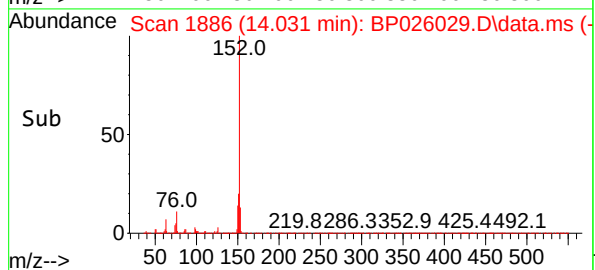
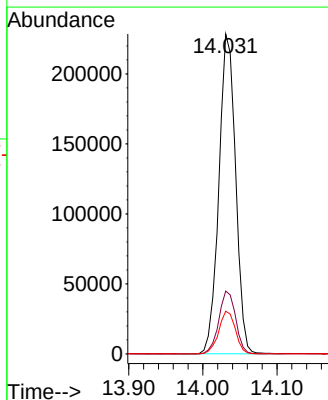
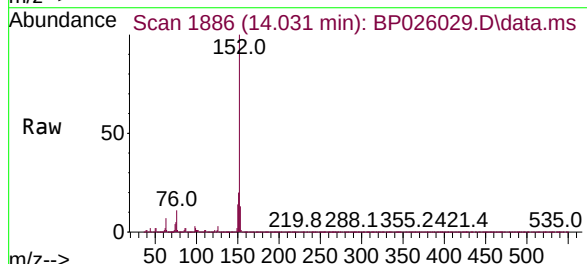
Tgt Ion: 152 Resp: 358129

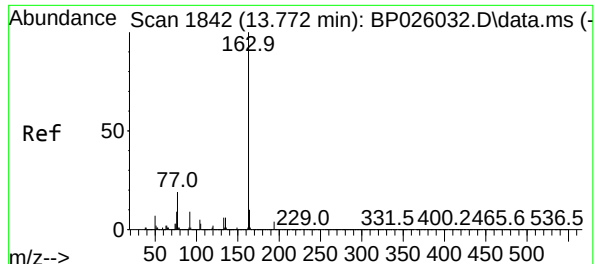
Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.3 10.6 16.0





#50

Dimethylphthalate

Concen: 4.405 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

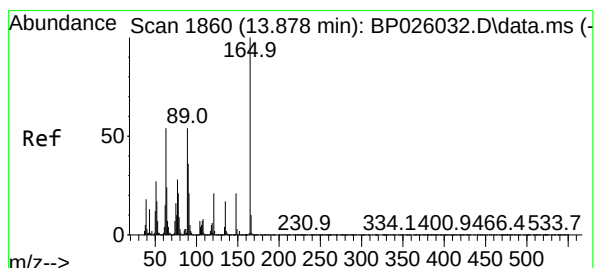
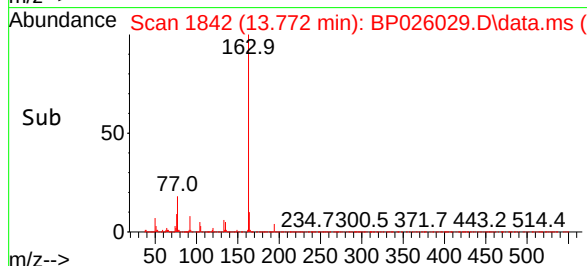
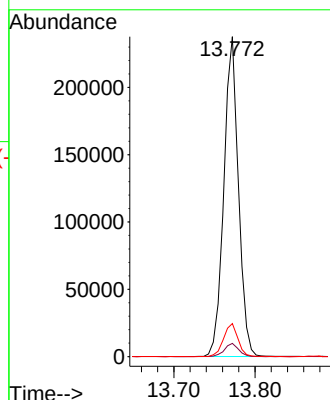
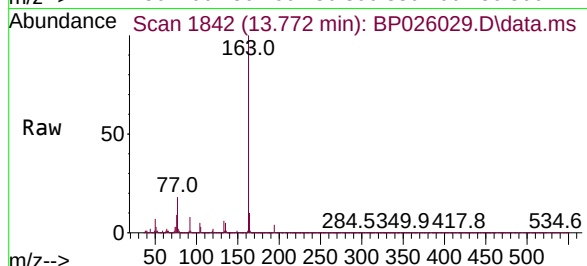
Tgt Ion:163 Resp: 296661

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 5.334 ng

RT: 13.878 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

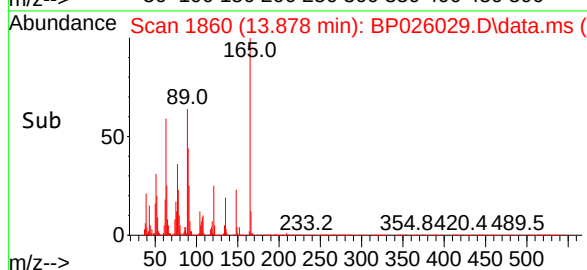
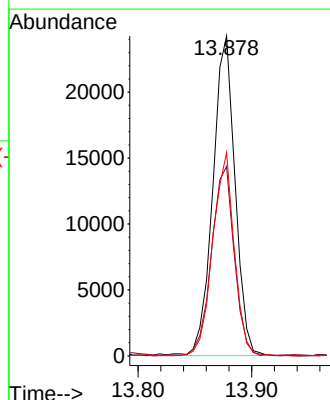
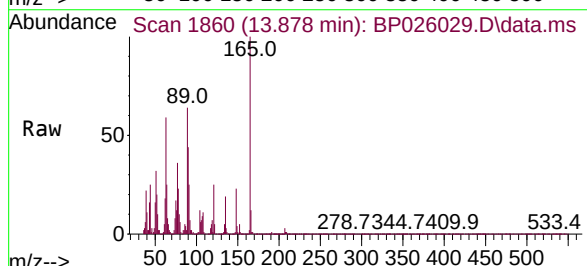
Tgt Ion:165 Resp: 32784

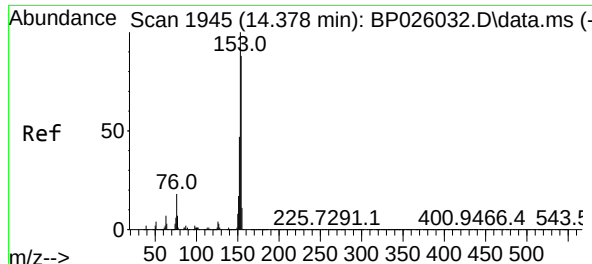
Ion Ratio Lower Upper

165 100

63 59.2 43.0 64.4

89 63.6 43.0 64.4





#52

Acenaphthene

Concen: 4.564 ng

RT: 14.384 min Scan# 1945

Delta R.T. 0.001 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

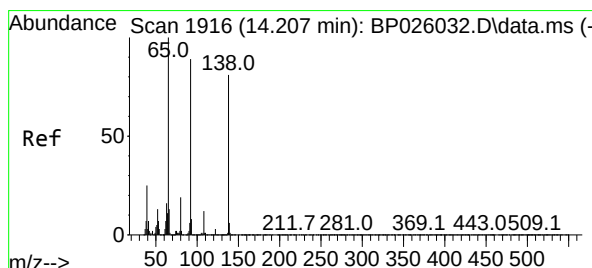
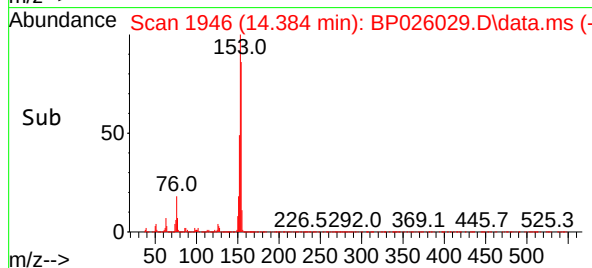
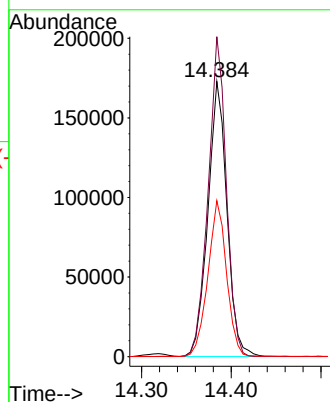
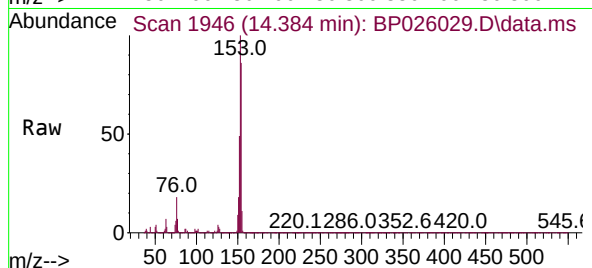
Tgt Ion:154 Resp: 254758

Ion Ratio Lower Upper

154 100

153 116.3 91.0 136.4

152 56.7 42.7 64.1



#53

3-Nitroaniline

Concen: 5.191 ng

RT: 14.201 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

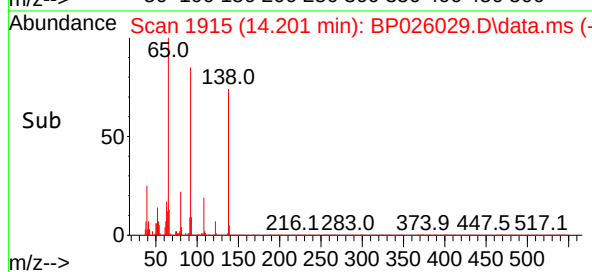
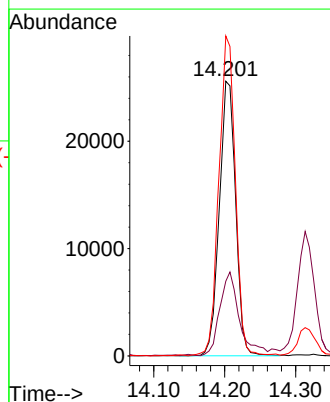
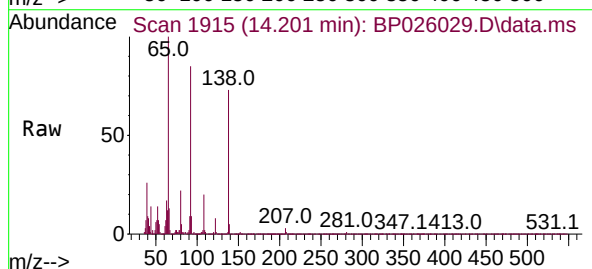
Tgt Ion:138 Resp: 40998

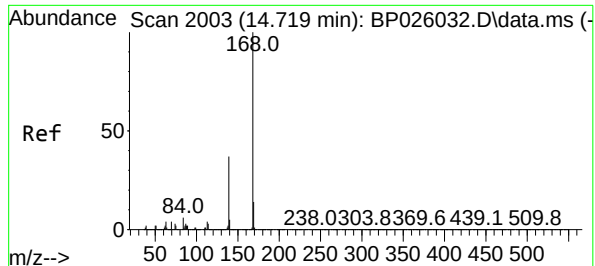
Ion Ratio Lower Upper

138 100

108 27.2 11.4 17.0#

92 116.5 87.1 130.7





#55

Dibenzenofuran

Concen: 4.735 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

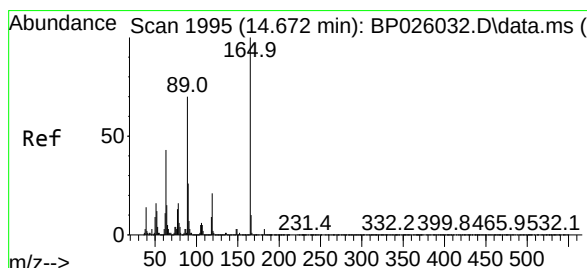
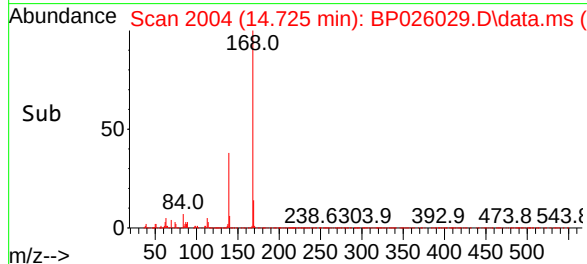
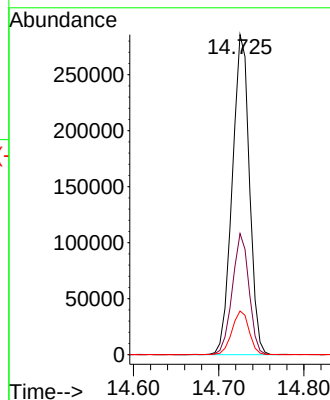
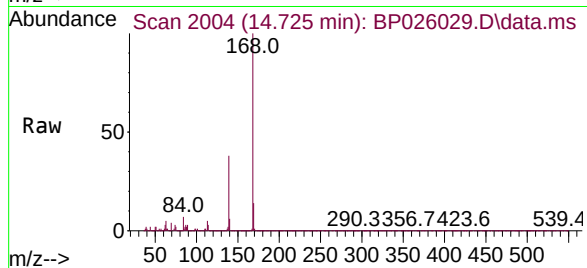
Tgt Ion:168 Resp: 399319

Ion Ratio Lower Upper

168 100

139 37.8 29.7 44.5

169 13.6 11.0 16.4



#57

2,4-Dinitrotoluene

Concen: 5.098 ng

RT: 14.672 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:165 Resp: 45113

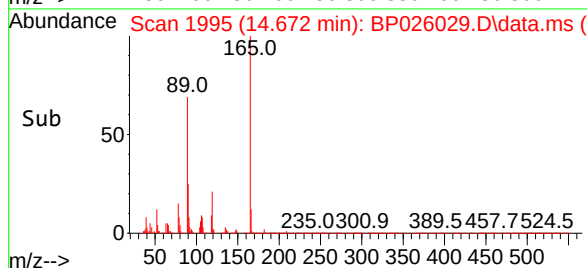
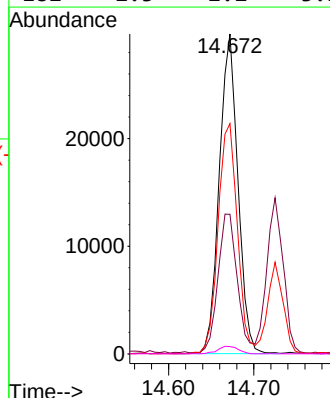
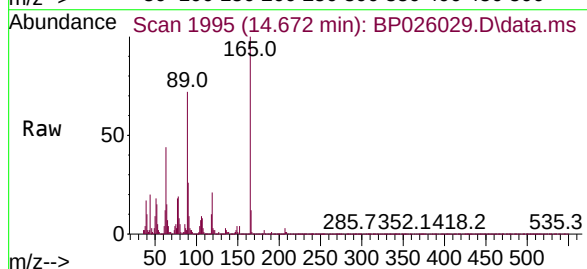
Ion Ratio Lower Upper

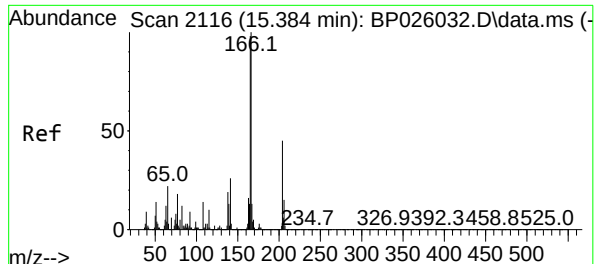
165 100

63 43.6 34.2 51.2

89 72.0 56.0 84.0

182 2.3 2.2 3.2





#58

Fluorene

Concen: 4.718 ng

RT: 15.384 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

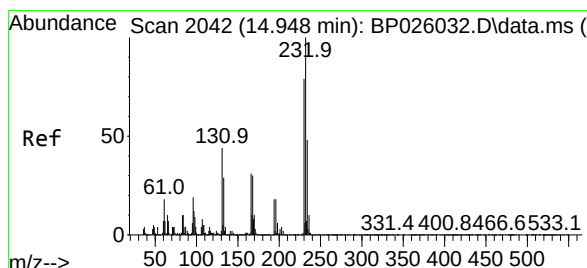
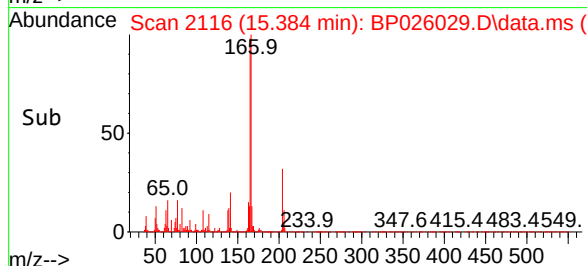
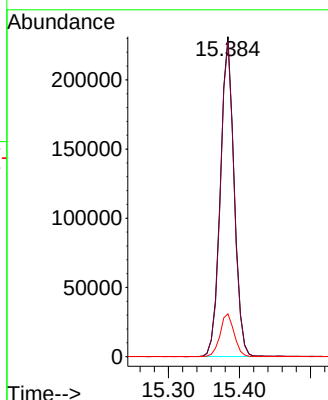
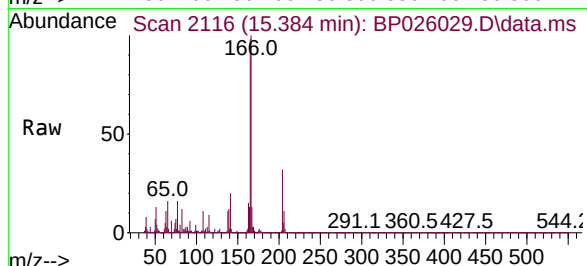
Tgt Ion:166 Resp: 311704

Ion Ratio Lower Upper

166 100

165 98.3 78.1 117.1

167 13.4 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.387 ng

RT: 14.948 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:232 Resp: 51676

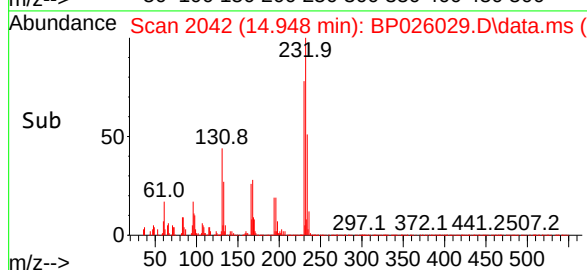
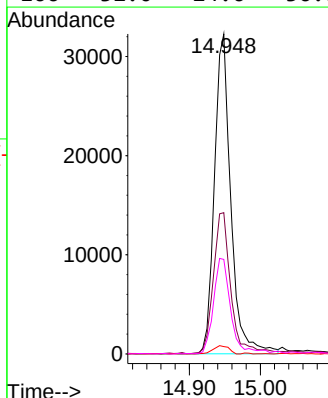
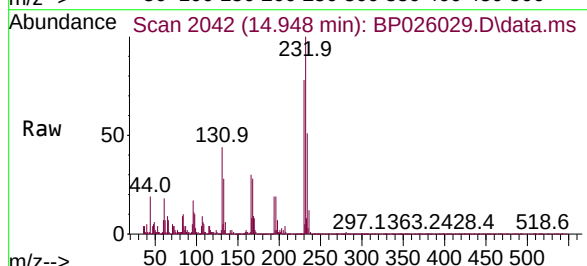
Ion Ratio Lower Upper

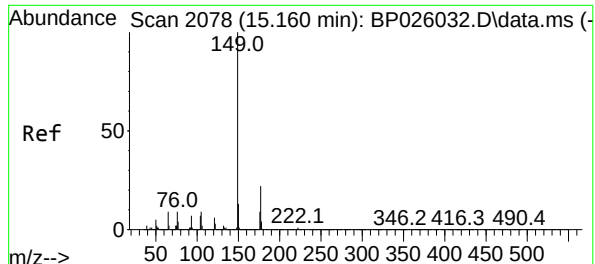
232 100

131 47.0 35.2 52.8

130 2.5 1.7 2.5

166 32.0 24.6 36.8





#60

Diethylphthalate

Concen: 4.240 ng

RT: 15.166 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

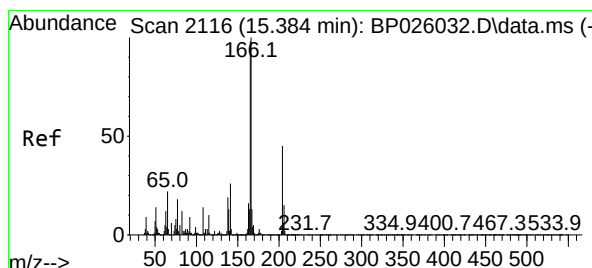
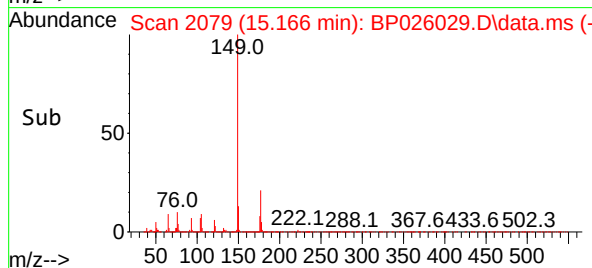
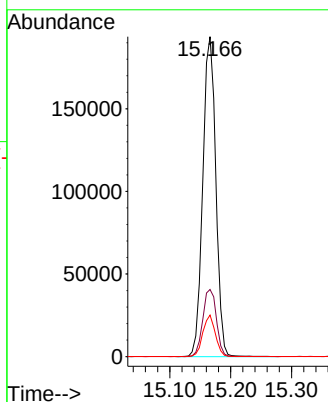
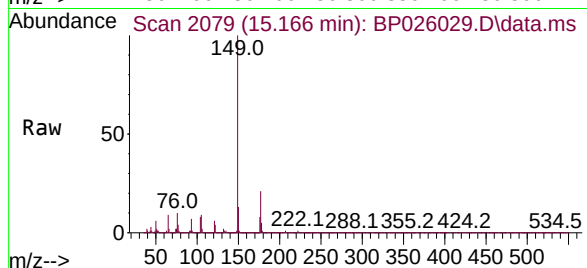
Tgt Ion:149 Resp: 287071

Ion Ratio Lower Upper

149 100

177 21.0 17.9 26.9

150 13.0 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 4.907 ng

RT: 15.396 min Scan# 2118

Delta R.T. 0.007 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

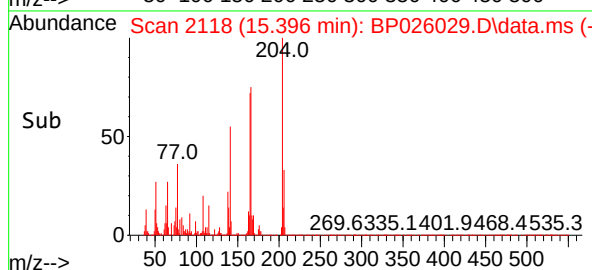
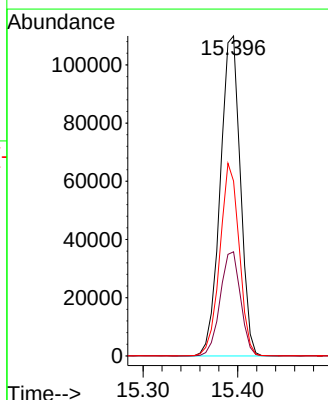
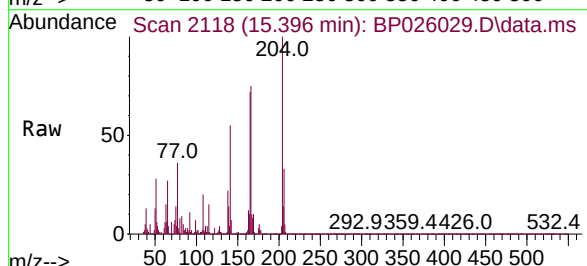
Tgt Ion:204 Resp: 161882

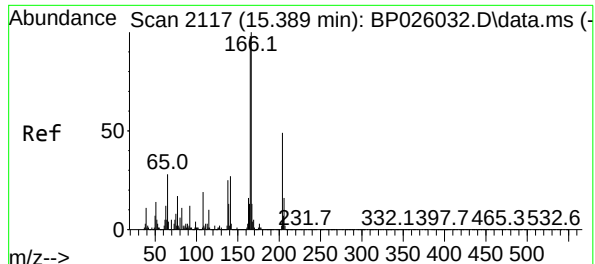
Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

141 54.6 47.0 70.4

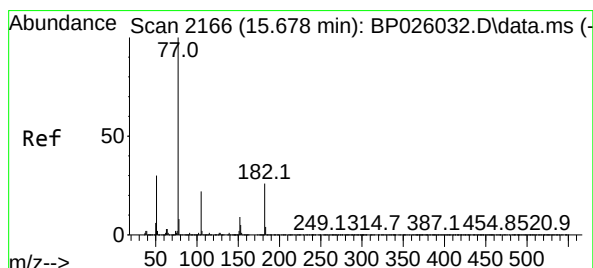
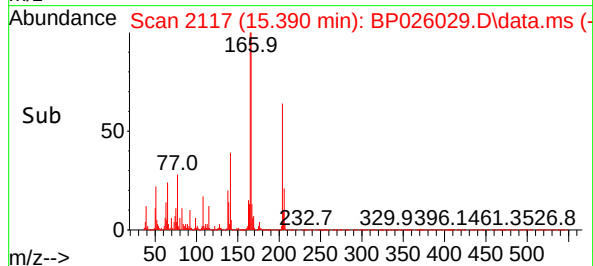
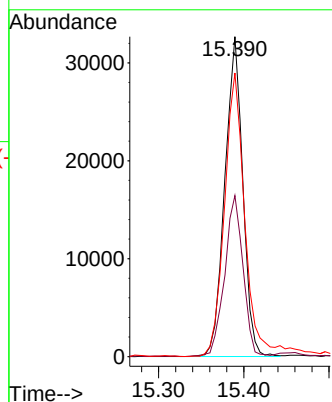
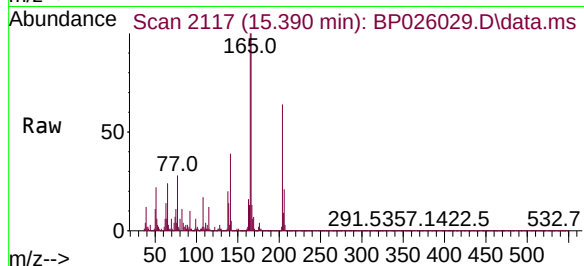




#62
4-Nitroaniline
Concen: 3.327 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

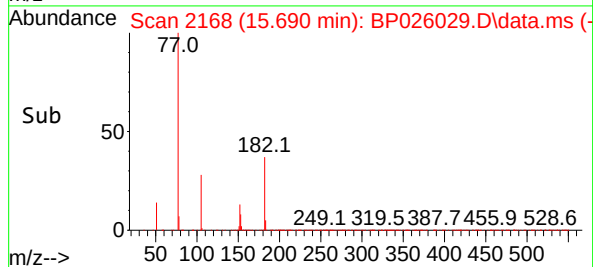
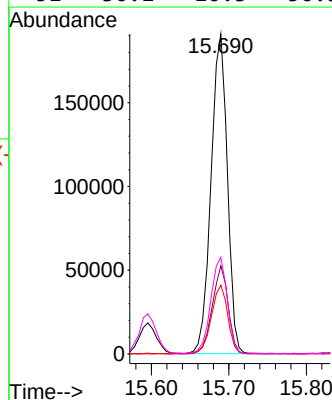
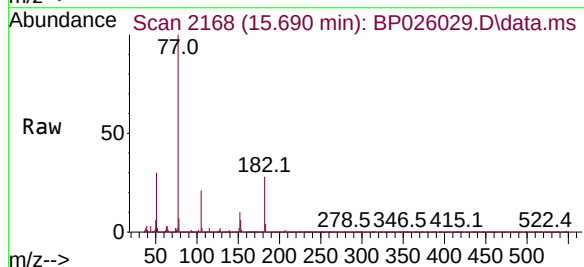
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

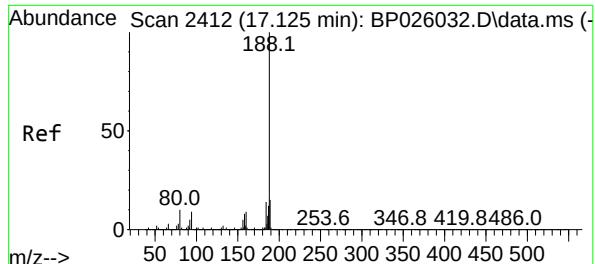
Tgt Ion	138	Resp	47887
Ion	Ratio	Lower	Upper
138	100		
92	50.3	28.2	68.2
108	88.6	56.0	96.0



#63
Azobenzene
Concen: 4.550 ng
RT: 15.690 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	77	Resp	279169
Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	21.5	2.2	42.2
51	30.1	10.3	50.3

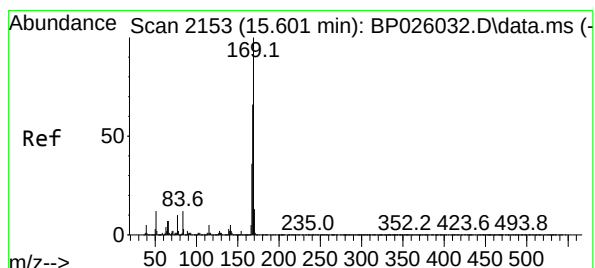
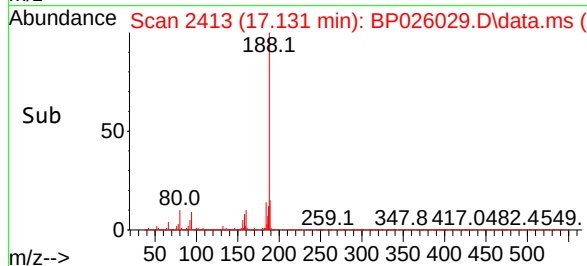
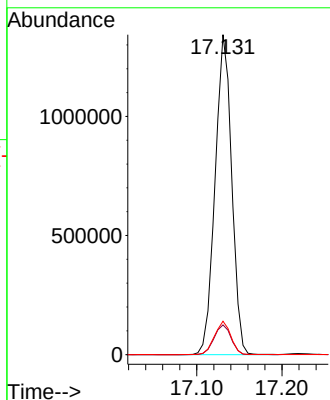
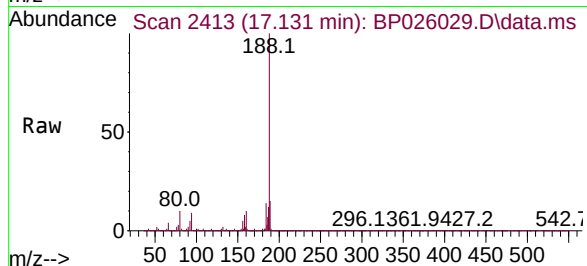




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

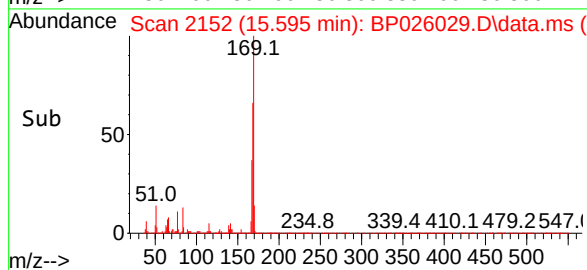
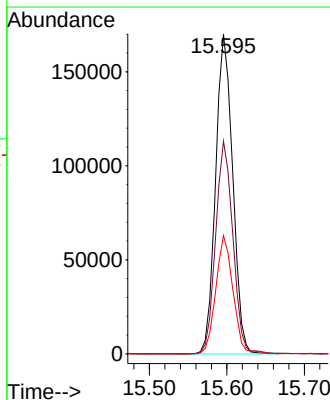
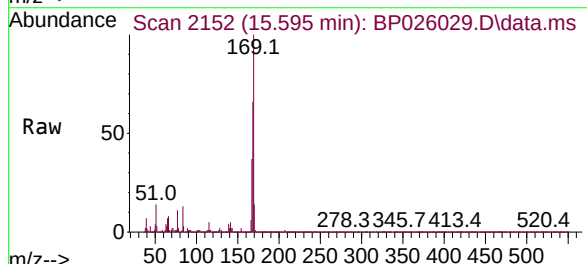
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

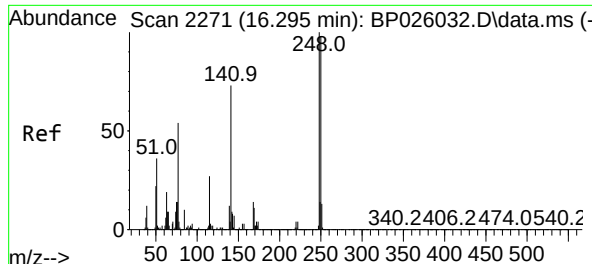
Tgt Ion:188 Resp: 1817309
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.4 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 4.589 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:169 Resp: 260751
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 37.0 28.9 43.3

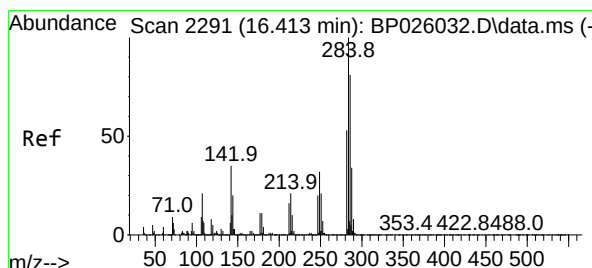
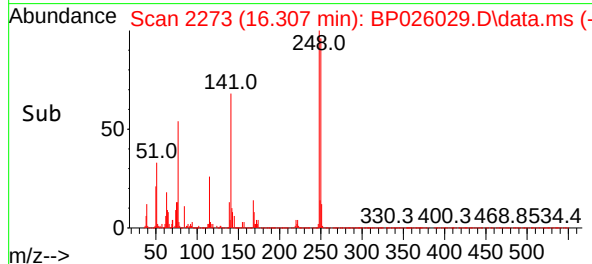
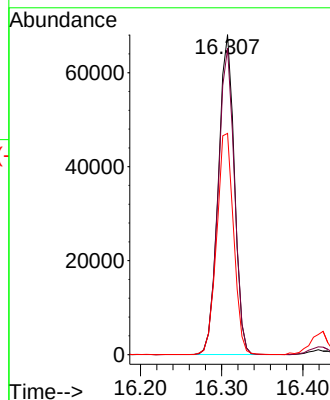
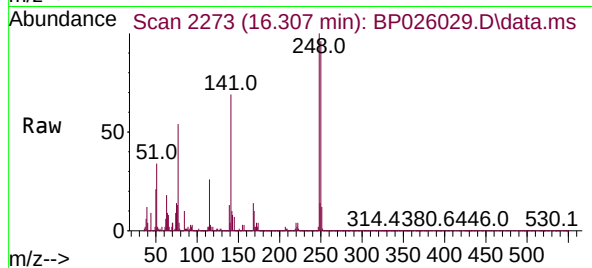




#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

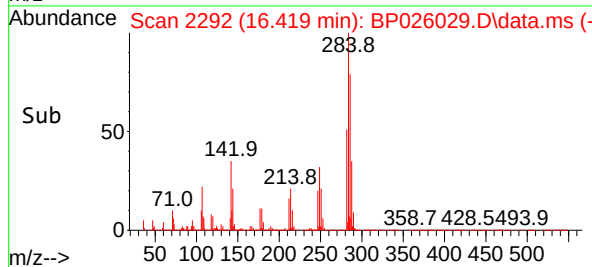
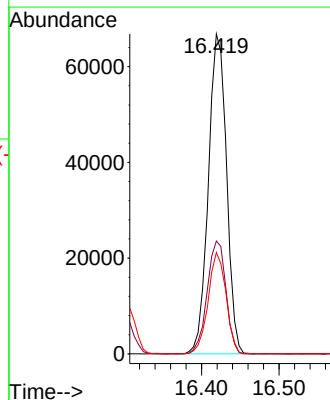
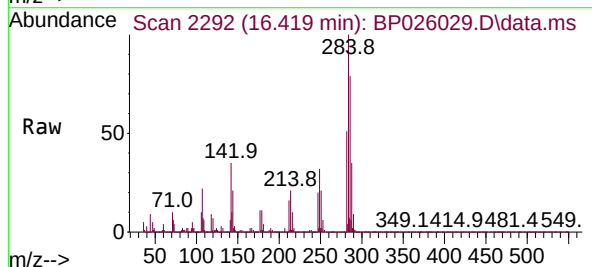
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

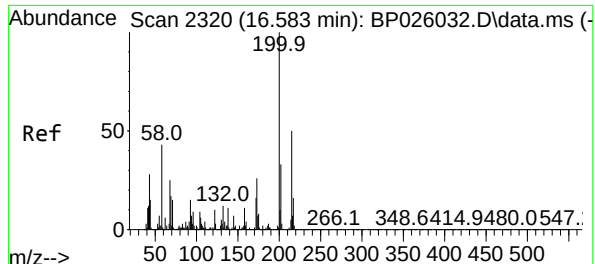
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.4	117.6
141	69.1	58.3	87.5



#68
Hexachlorobenzene
Concen: 4.741 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.7	41.5
249	31.7	25.5	38.3





#69

Atrazine

Concen: 4.192 ng

RT: 16.578 min Scan# 2319

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

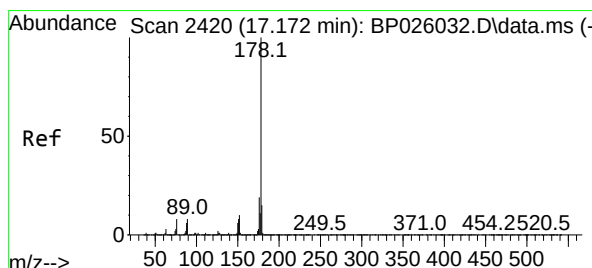
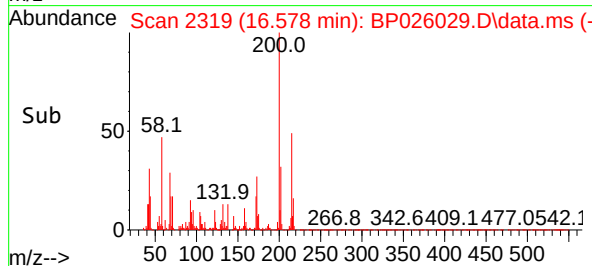
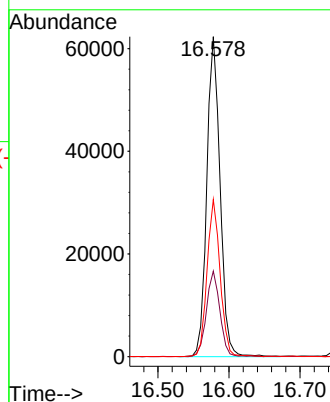
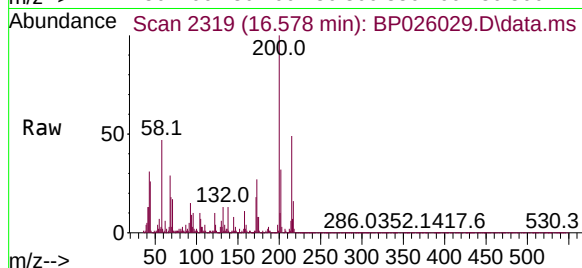
Tgt Ion:200 Resp: 80346

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 49.1 29.8 69.8



#71

Phenanthrene

Concen: 4.865 ng

RT: 17.172 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

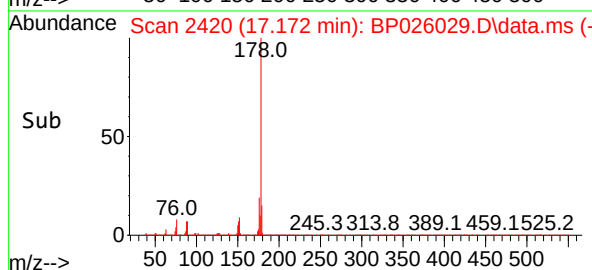
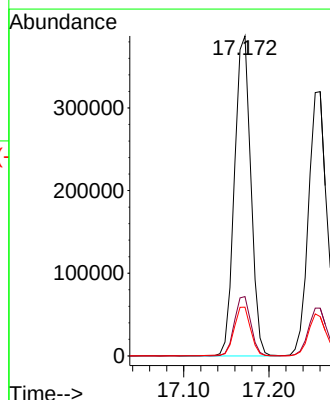
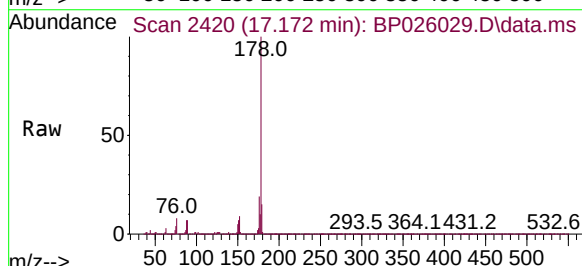
Tgt Ion:178 Resp: 514616

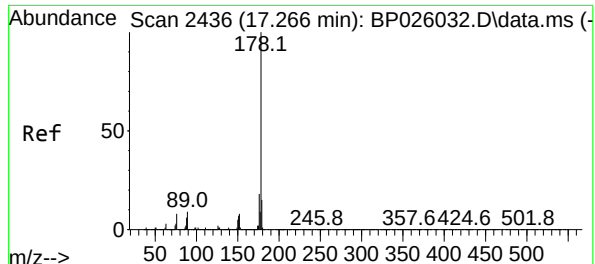
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.2 12.3 18.5

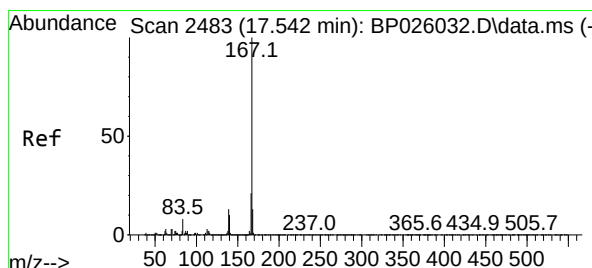
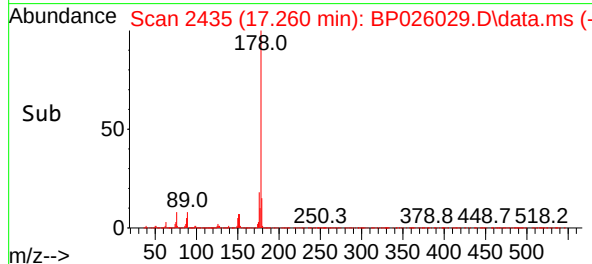
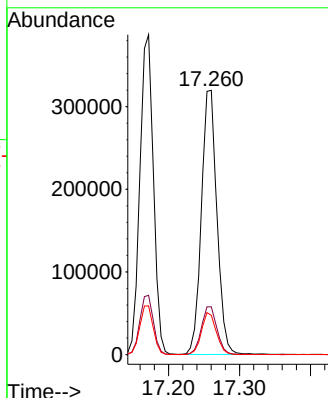
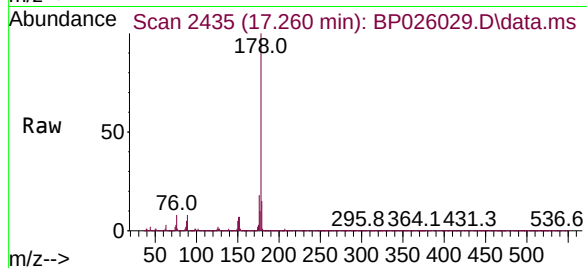




#72
Anthracene
Concen: 4.609 ng
RT: 17.260 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

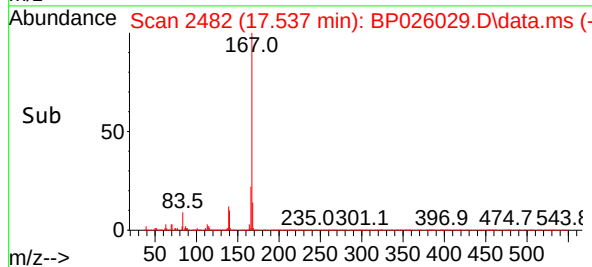
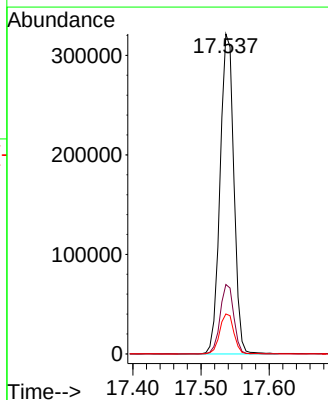
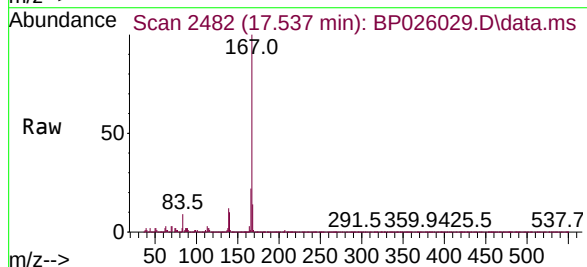
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

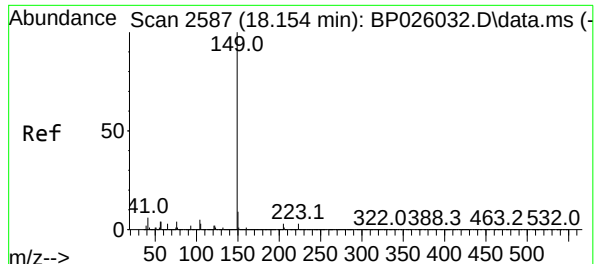
Tgt Ion:178 Resp: 483312
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 14.9 12.2 18.4



#73
Carbazole
Concen: 4.511 ng
RT: 17.537 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:167 Resp: 447699
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 12.5 10.2 15.2

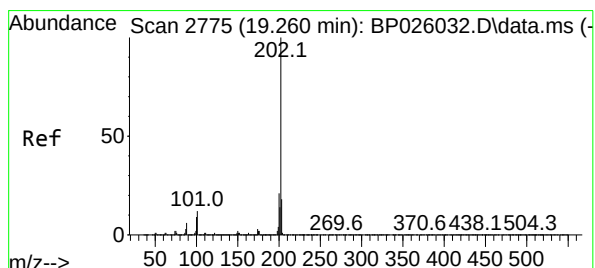
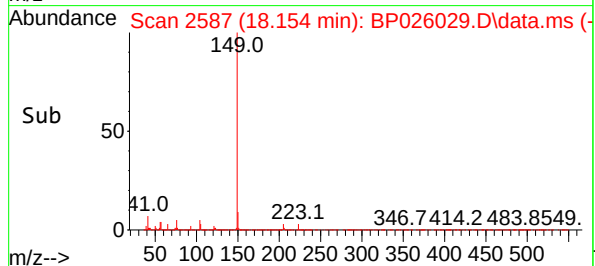
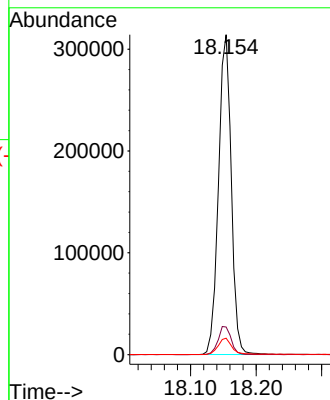
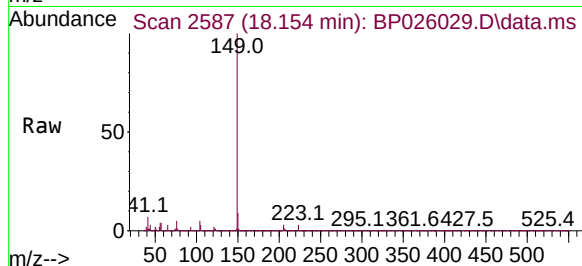




#74
Di-n-butylphthalate
Concen: 3.833 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

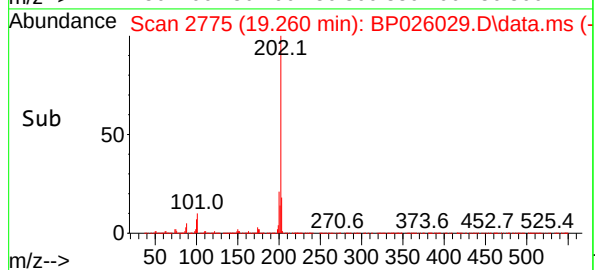
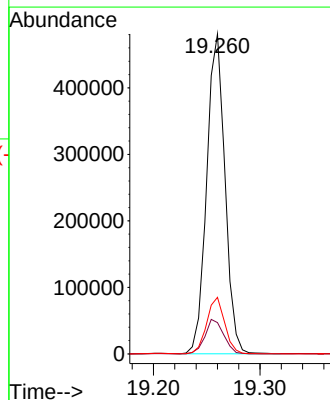
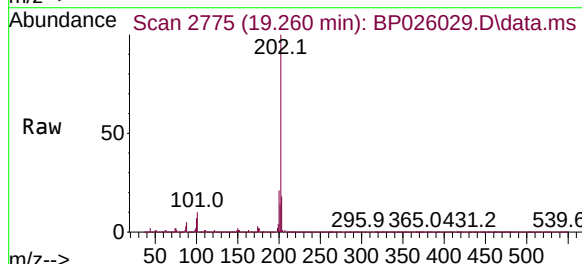
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

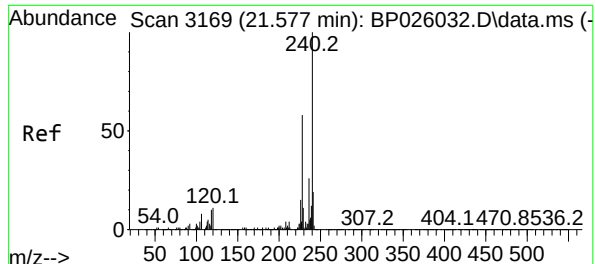
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.2	3.8	5.6



#75
Fluoranthene
Concen: 4.636 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.1
203	17.7	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

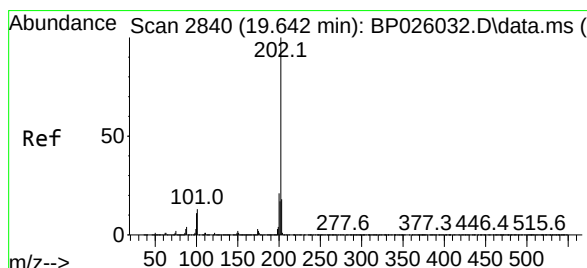
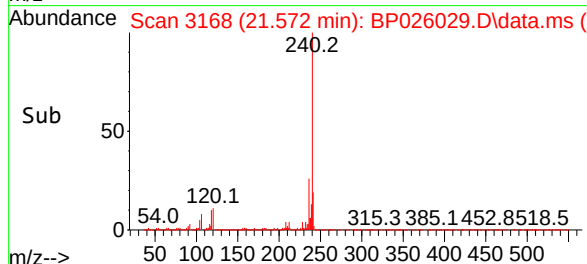
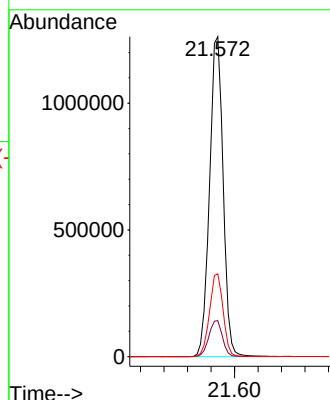
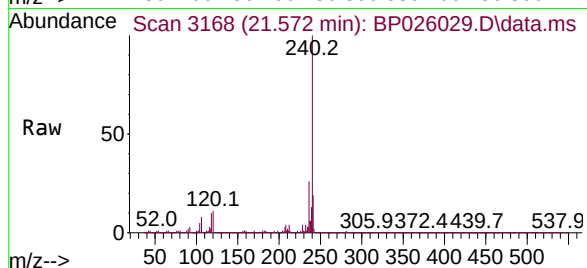
BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 2025692

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.9	20.6	31.0



#78

Pyrene

Concen: 4.441 ng

RT: 19.631 min Scan# 2838

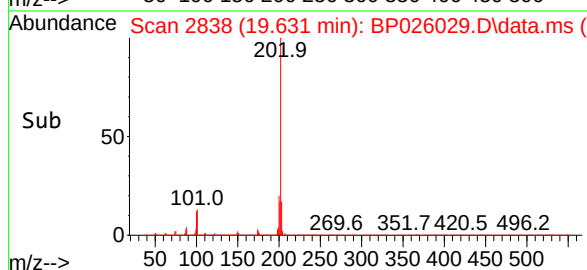
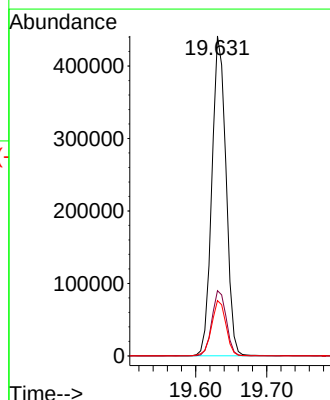
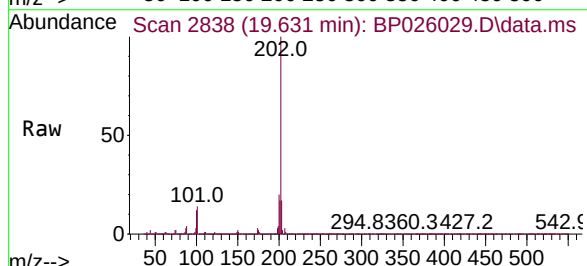
Delta R.T. -0.006 min

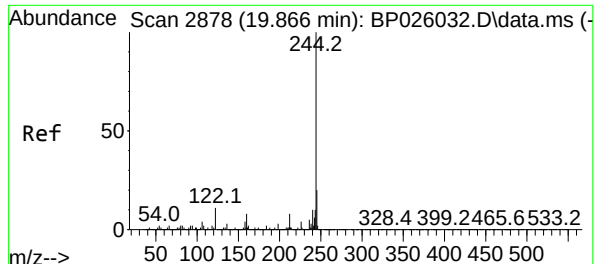
Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:202 Resp: 608386

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	17.3	14.0	21.0





#79

Terphenyl-d14

Concen: 9.677 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

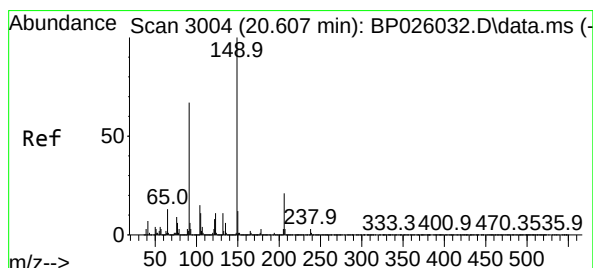
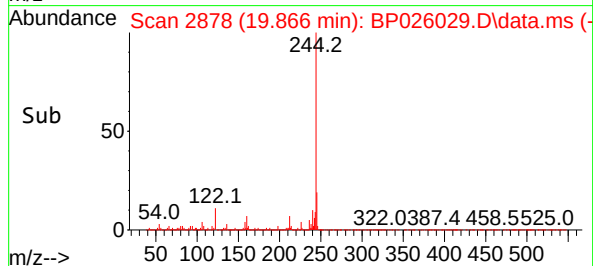
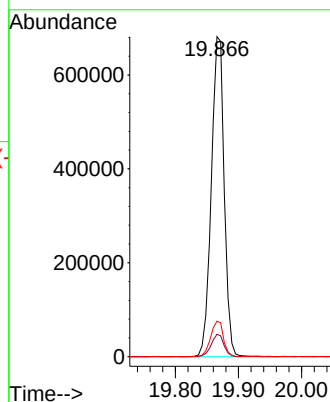
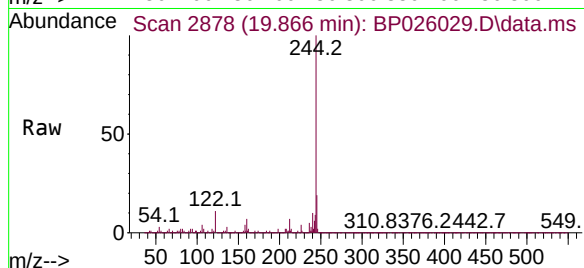
Tgt Ion:244 Resp: 964860

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 11.1 9.0 13.6



#80

Butylbenzylphthalate

Concen: 5.554 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

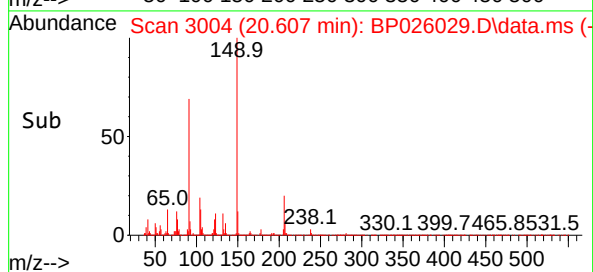
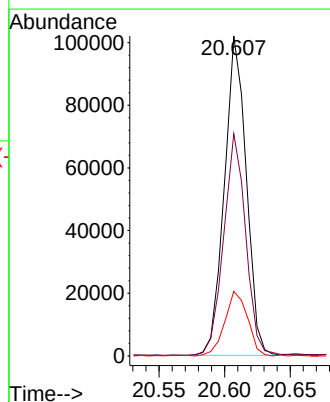
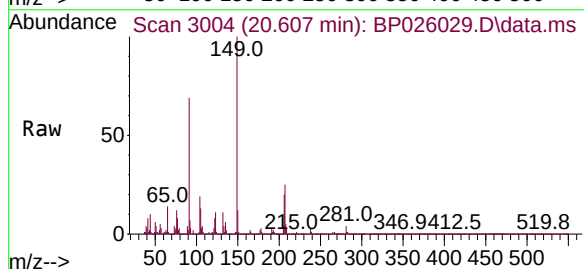
Tgt Ion:149 Resp: 118757

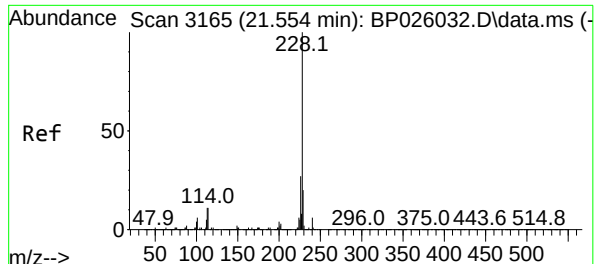
Ion Ratio Lower Upper

149 100

91 69.4 53.5 80.3

206 20.2 16.6 25.0

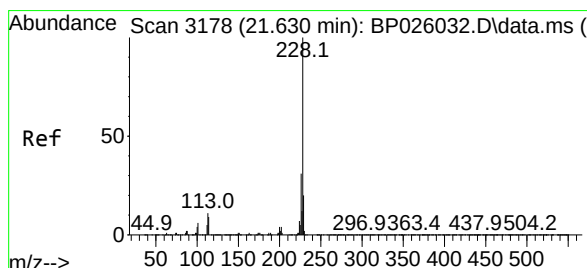
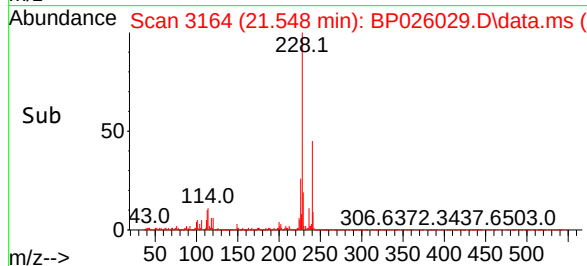
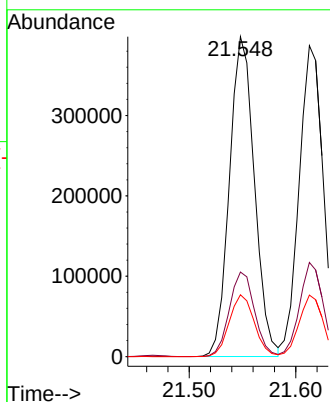
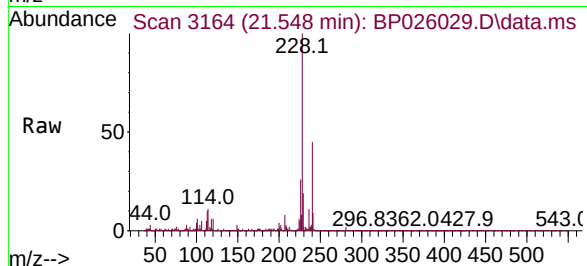




#81
Benzo(a)anthracene
Concen: 4.653 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

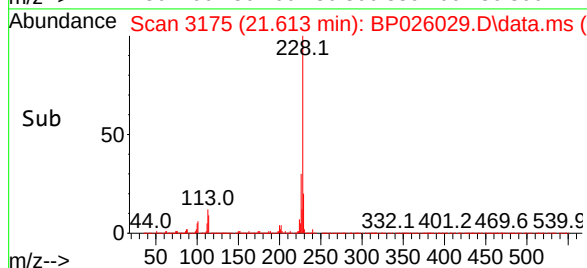
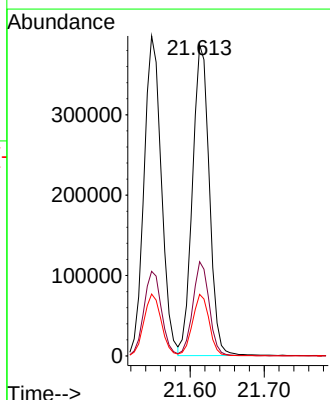
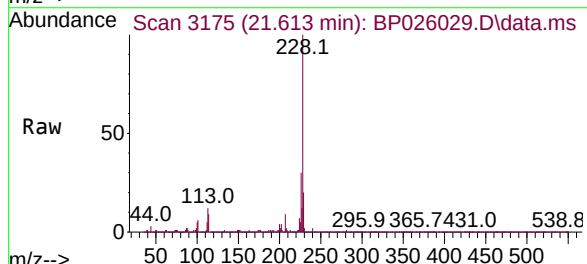
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

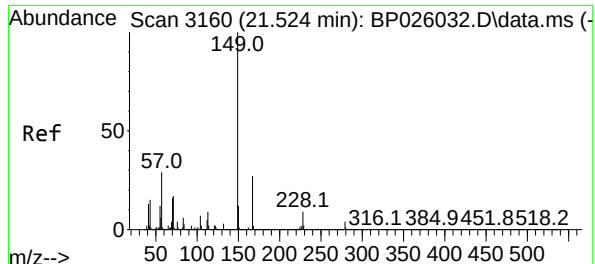
Tgt Ion:228 Resp: 647742
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.3 15.8 23.8



#83
Chrysene
Concen: 4.647 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:228 Resp: 612715
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.8 16.0 24.0

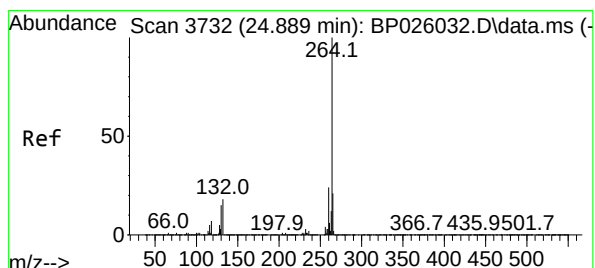
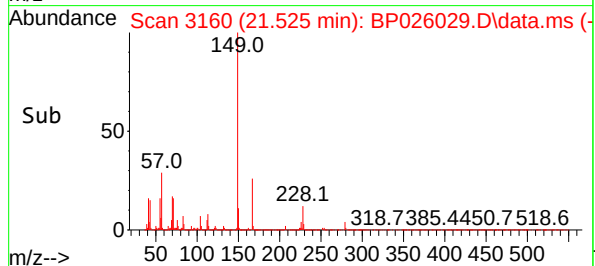
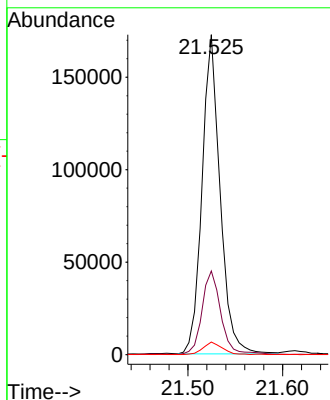
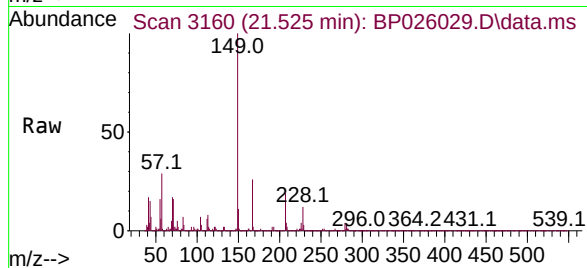




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.327 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

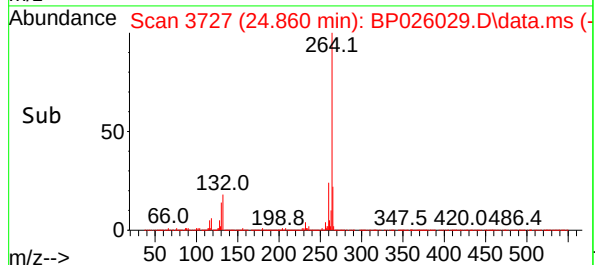
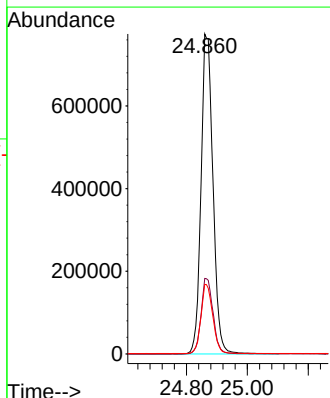
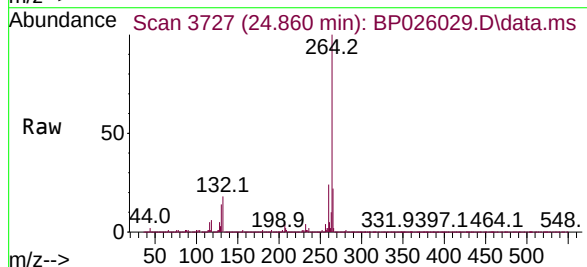
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

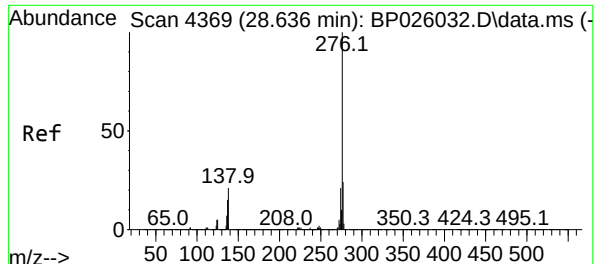
Tgt Ion:149 Resp: 229182
Ion Ratio Lower Upper
149 100
167 26.1 21.5 32.3
279 3.9 3.0 4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.860 min Scan# 3727
Delta R.T. -0.023 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:264 Resp: 2104784
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.030 ng

RT: 28.630 min Scan# 4369

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

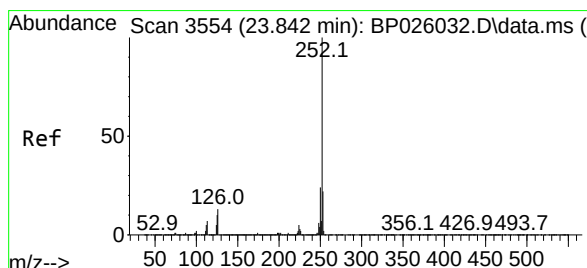
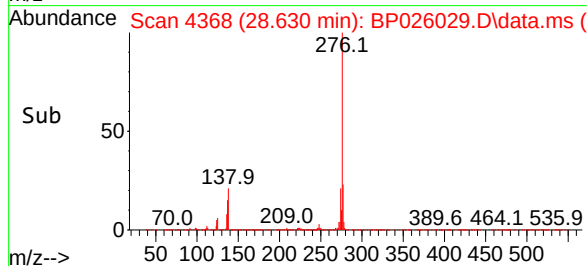
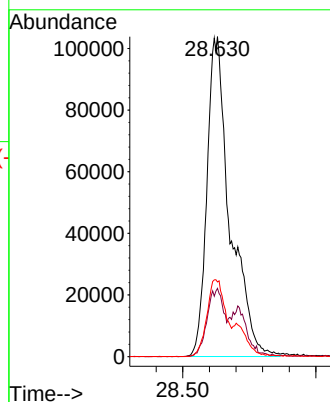
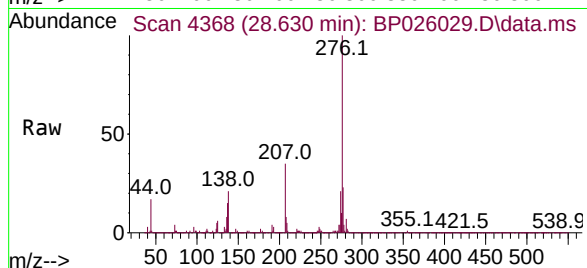
Tgt Ion:276 Resp: 626036

Ion Ratio Lower Upper

276 100

138 15.3 13.2 19.8

277 19.2 16.3 24.5



#88

Benzo(b)fluoranthene

Concen: 4.326 ng

RT: 23.824 min Scan# 3551

Delta R.T. -0.023 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

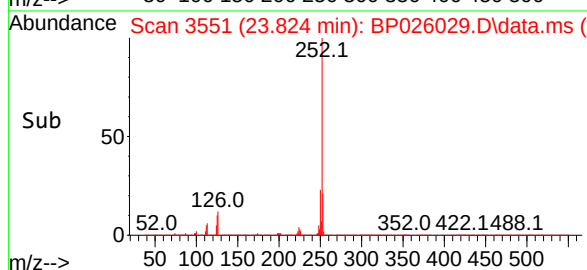
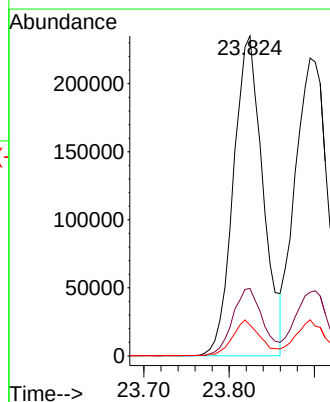
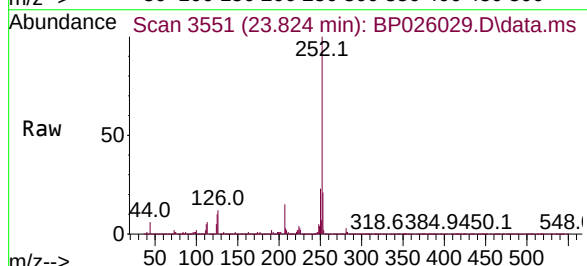
Tgt Ion:252 Resp: 565252

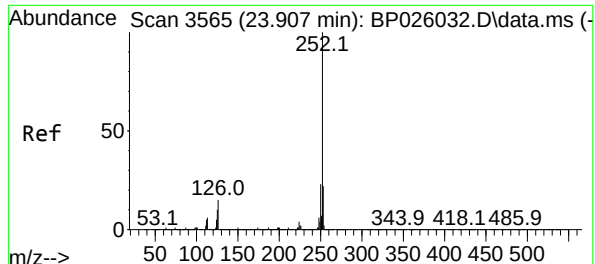
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 9.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 4.411 ng

RT: 23.895 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

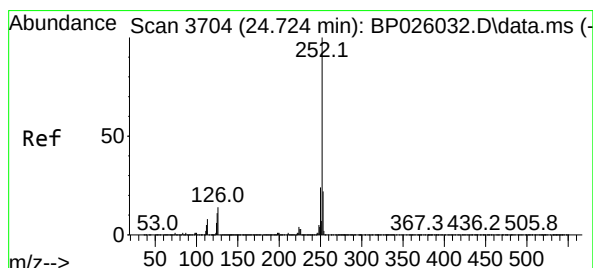
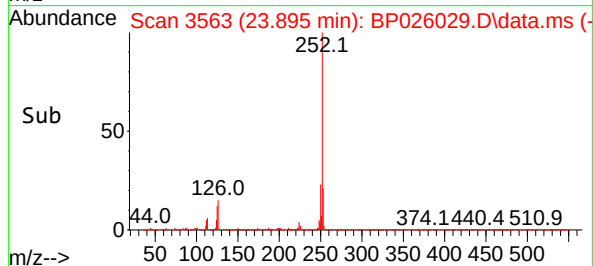
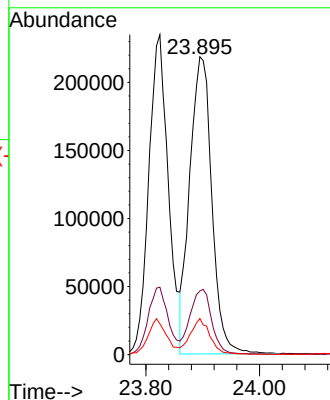
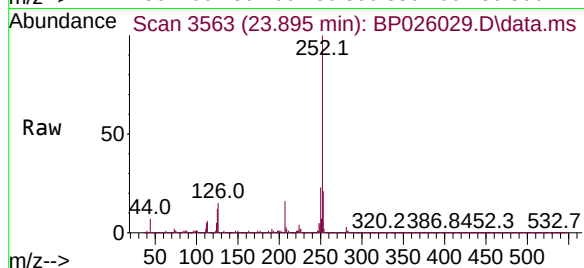
Tgt Ion:252 Resp: 588563

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 12.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 4.124 ng

RT: 24.713 min Scan# 3702

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

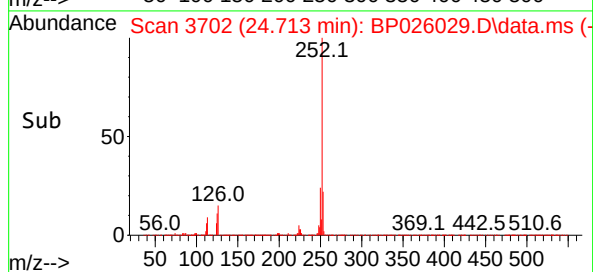
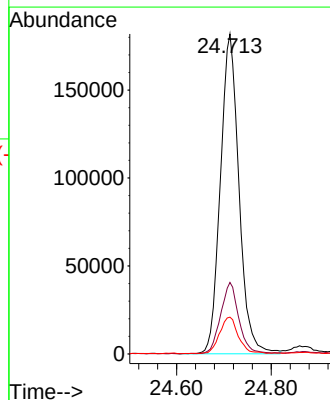
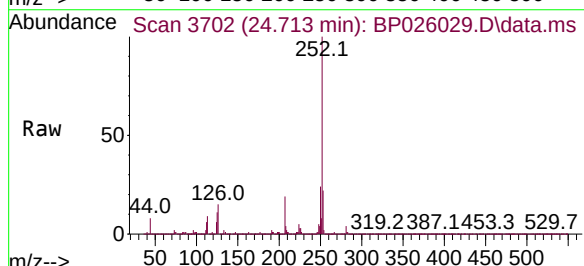
Tgt Ion:252 Resp: 495105

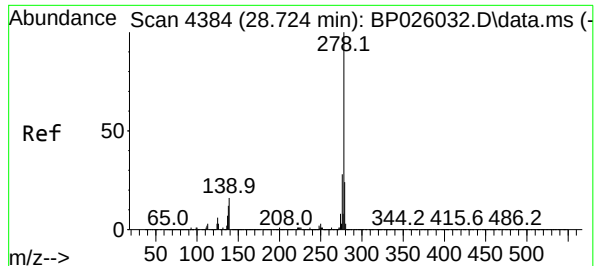
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.5 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 4.069 ng

RT: 28.712 min Scan# 4384

Delta R.T. -0.035 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

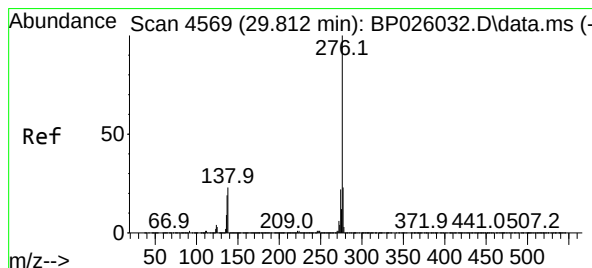
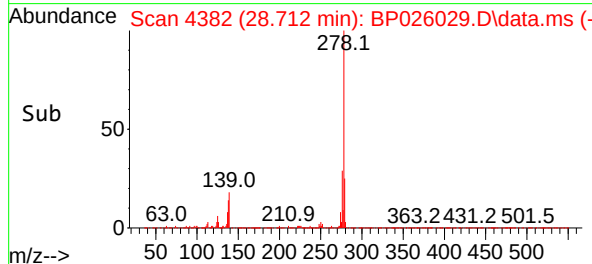
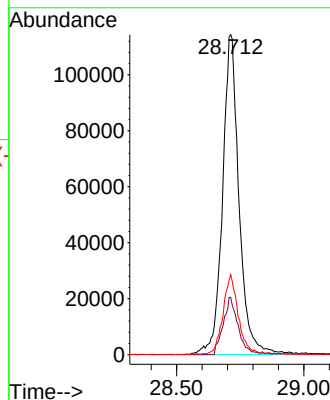
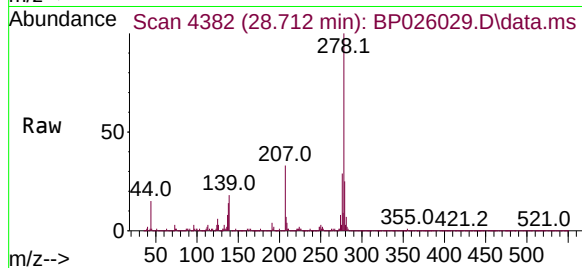
Tgt Ion:278 Resp: 514485

Ion Ratio Lower Upper

278 100

139 17.8 13.0 19.6

279 25.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 4.178 ng

RT: 29.748 min Scan# 4558

Delta R.T. -0.082 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

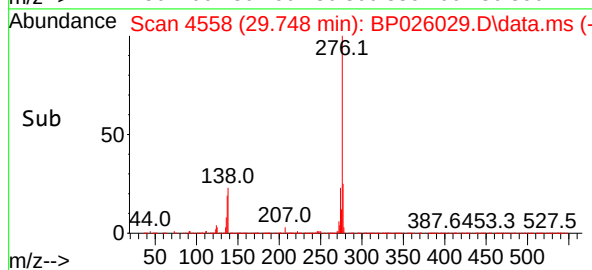
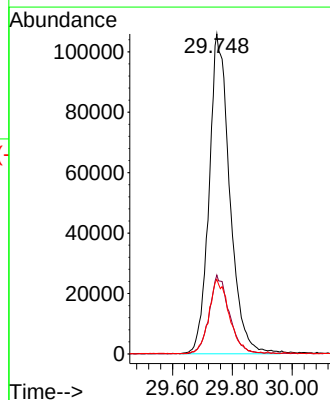
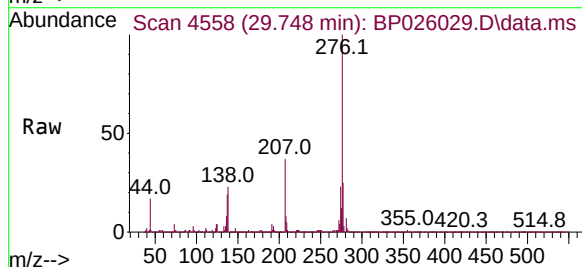
Tgt Ion:276 Resp: 508408

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 23.3 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	288854	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1158283	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	734566	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1497196	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1590140	20.000	ng	0.00
86) Perylene-d12	24.883	264	1674719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	362577	20.712	ng	0.00
7) Phenol-d6	6.849	99	456392	20.484	ng	0.00
23) Nitrobenzene-d5	8.819	82	367535	19.781	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	154869	19.502	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	1138070	22.262	ng	0.00
79) Terphenyl-d14	19.860	244	1788115	22.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	81890	11.097	ng	98
3) Pyridine	3.625	79	222154	10.590	ng	98
4) n-Nitrosodimethylamine	3.537	42	86859	10.330	ng	# 96
6) Aniline	7.013	93	311508	10.476	ng	99
8) 2-Chlorophenol	7.249	128	195513	10.086	ng	99
9) Benzaldehyde	6.831	77	123534m	10.666	ng	
10) Phenol	6.878	94	255762	10.340	ng	99
11) bis(2-Chloroethyl)ether	7.114	93	207158	10.612	ng	98
12) 1,3-Dichlorobenzene	7.578	146	239783	10.771	ng	99
13) 1,4-Dichlorobenzene	7.719	146	242788	10.787	ng	99
14) 1,2-Dichlorobenzene	8.031	146	230430	10.729	ng	100
15) Benzyl Alcohol	7.908	79	154491	9.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	319172	10.818	ng	99
17) 2-Methylphenol	8.113	107	163076	10.068	ng	99
18) Hexachloroethane	8.755	117	81158	10.537	ng	96
19) n-Nitroso-di-n-propyla...	8.472	70	146354	10.582	ng	99
20) 3+4-Methylphenols	8.431	107	219610	9.746	ng	99
22) Acetophenone	8.490	105	317614	10.842	ng	# 98
24) Nitrobenzene	8.860	77	200078	10.199	ng	98
25) Isophorone	9.378	82	417831	10.506	ng	98
26) 2-Nitrophenol	9.566	139	53200	9.634	ng	96
27) 2,4-Dimethylphenol	9.625	122	177027	10.585	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	269975	10.772	ng	99
29) 2,4-Dichlorophenol	10.096	162	175015	9.911	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	209064	10.893	ng	97
31) Naphthalene	10.502	128	684226	10.833	ng	99
32) Benzoic acid	9.684	122	58000	10.150	ng	90
33) 4-Chloroaniline	10.596	127	255029	10.507	ng	100
34) Hexachlorobutadiene	10.796	225	133883	10.977	ng	99
35) Caprolactam	11.331	113	57604	9.290	ng	99
36) 4-Chloro-3-methylphenol	11.719	107	181561	9.808	ng	99
37) 2-Methylnaphthalene	12.113	142	476697	10.783	ng	99
38) 1-Methylnaphthalene	12.331	142	463905	10.801	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	245958	10.776	ng	100
41) Hexachlorocyclopentadiene	12.472	237	73538	8.806	ng	95
43) 2,4,6-Trichlorophenol	12.719	196	125693	9.317	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	151902	9.868	ng	97
46) 1,1'-Biphenyl	13.131	154	614441	10.924	ng	99
47) 2-Chloronaphthalene	13.172	162	479020	10.824	ng	99
48) 2-Nitroaniline	13.366	65	83149	9.741	ng	92
49) Acenaphthylene	14.031	152	677627	10.506	ng	100
50) Dimethylphthalate	13.766	163	578145	10.820	ng	100
51) 2,6-Dinitrotoluene	13.878	165	71941	9.731	ng	88
52) Acenaphthene	14.384	154	471935	10.658	ng	99
53) 3-Nitroaniline	14.201	138	93292	9.962	ng	# 90
54) 2,4-Dinitrophenol	14.413	184	25388	10.017	ng	# 90
55) Dibenzofuran	14.725	168	733645	10.966	ng	99
56) 4-Nitrophenol	14.513	139	101905	9.565	ng	93
57) 2,4-Dinitrotoluene	14.678	165	105824	9.727	ng	97
58) Fluorene	15.390	166	595481	11.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	111275	9.194	ng	99
60) Diethylphthalate	15.166	149	576582	10.734	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	294916	11.267	ng	98
62) 4-Nitroaniline	15.390	138	108022	9.461	ng	93
63) Azobenzene	15.690	77	541815	11.130	ng	100
65) 4,6-Dinitro-2-methylph...	15.448	198	39648	10.014	ng	94
66) n-Nitrosodiphenylamine	15.601	169	507903	10.850	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	175158	10.547	ng	96
68) Hexachlorobenzene	16.419	284	204634	10.824	ng	97
69) Atrazine	16.578	200	159536	10.103	ng	99
70) Pentachlorophenol	16.766	266	94142	8.152	ng	97
71) Phenanthrene	17.166	178	964196	11.064	ng	99
72) Anthracene	17.260	178	945078	10.941	ng	100
73) Carbazole	17.536	167	877310	10.729	ng	100
74) Di-n-butylphthalate	18.154	149	912617	9.974	ng	100
75) Fluoranthene	19.254	202	1100035	10.821	ng	99
77) Benzidine	19.454	184	327160	8.106	ng	99
78) Pyrene	19.630	202	1182711	10.997	ng	99
80) Butylbenzylphthalate	20.607	149	267569	9.589	ng	98
81) Benzo(a)anthracene	21.542	228	1190374	10.894	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	310231	8.812	ng	99
83) Chrysene	21.607	228	1132388	10.940	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	487334	9.805	ng	100
85) Di-n-octyl phthalate	22.795	149	653399	6.903	ng	96
87) Indeno(1,2,3-cd)pyrene	28.618	276	1244503m	10.070	ng	
88) Benzo(b)fluoranthene	23.830	252	1069169	10.284	ng	99
89) Benzo(k)fluoranthene	23.901	252	1143258	10.769	ng	100
90) Benzo(a)pyrene	24.724	252	978750	10.247	ng	99
91) Dibenzo(a,h)anthracene	28.712	278	1020484	10.142	ng	99
92) Benzo(g,h,i)perylene	29.777	276	977235	10.093	ng	98

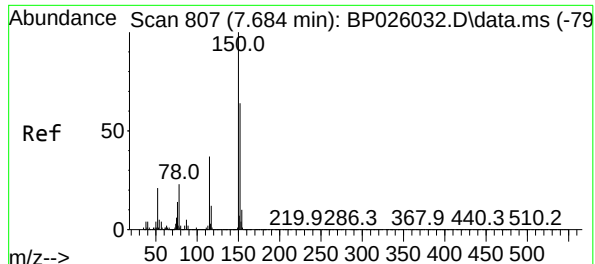
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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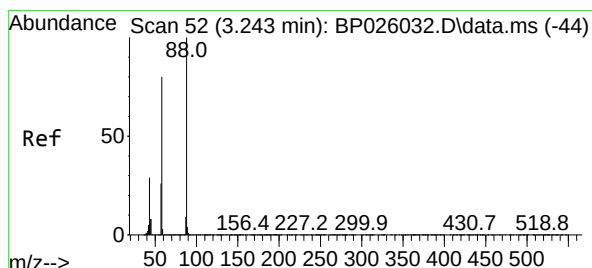
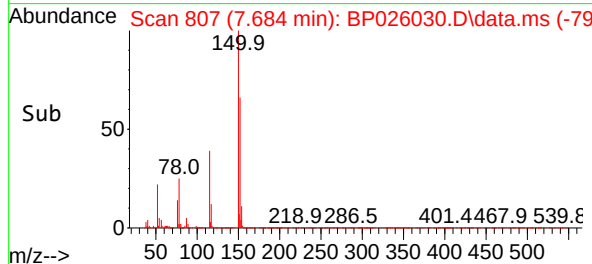
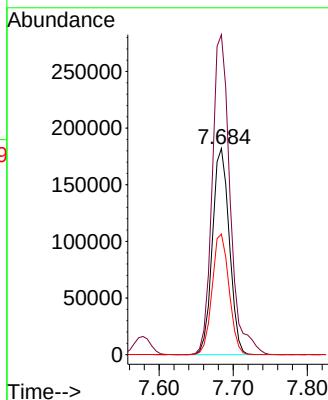
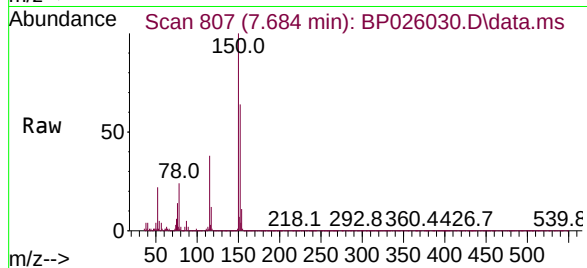
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
Client Sample Id :
SSTDICC010

Tgt Ion: 152 Resp: 288854
Ion Ratio Lower Upper
152 100
150 155.2 125.7 188.5
115 58.4 46.4 69.6

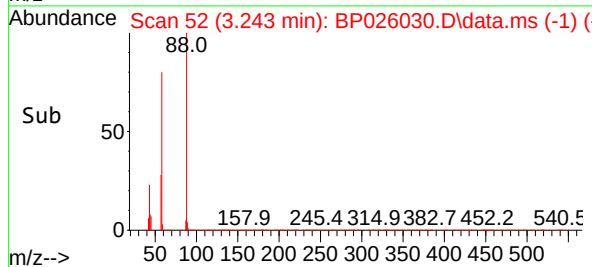
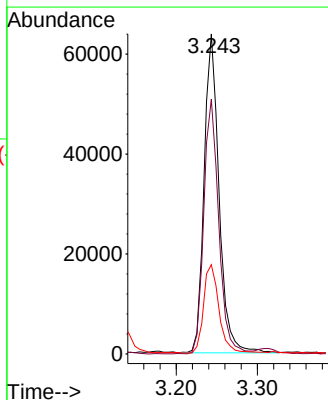
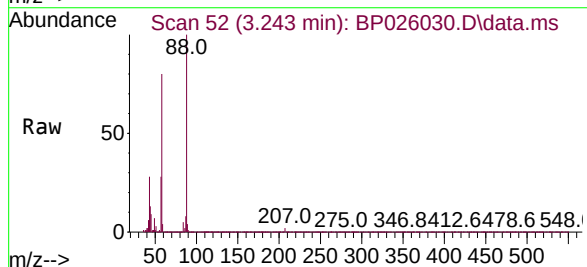
Manual Integrations
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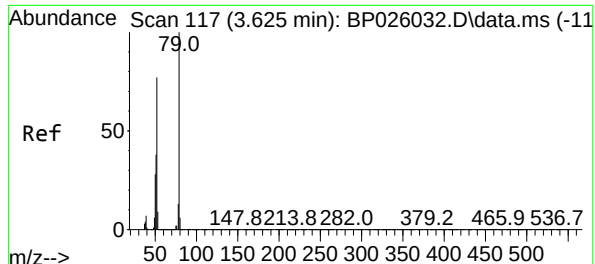
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 11.097 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 88 Resp: 81890
Ion Ratio Lower Upper
88 100
58 80.0 65.4 98.0
43 28.6 23.1 34.7





#3

Pyridine

Concen: 10.590 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

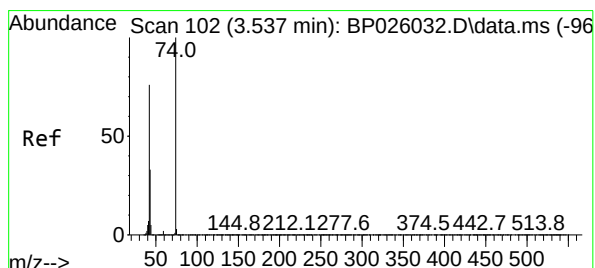
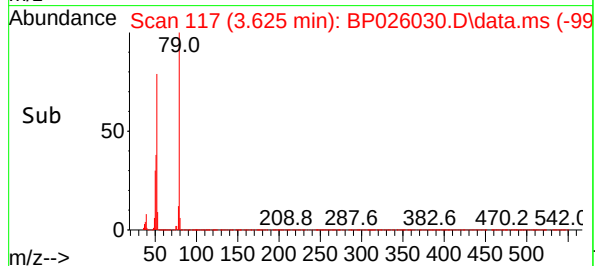
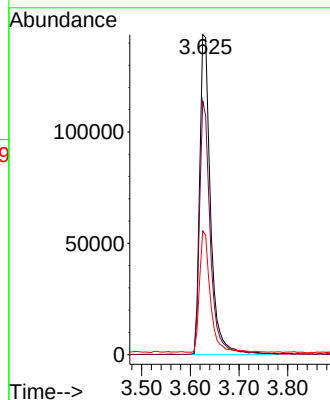
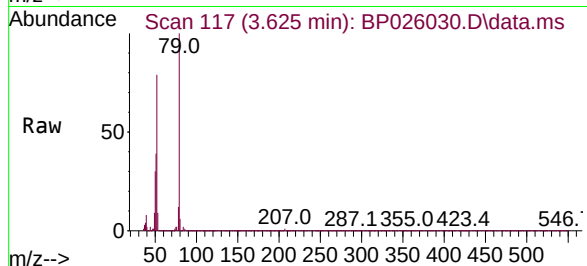
SSTDICC010

Tgt Ion:	79	Resp:	222154
Ion	Ratio	Lower	Upper
79	100		
52	79.3	62.0	93.0
51	38.6	30.6	46.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 10.330 ng

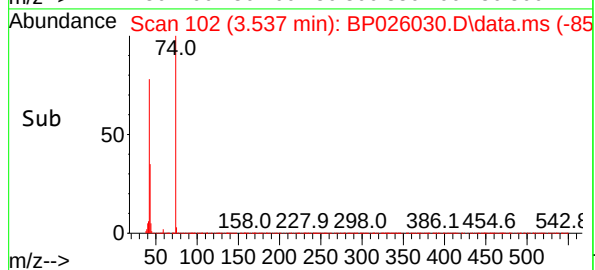
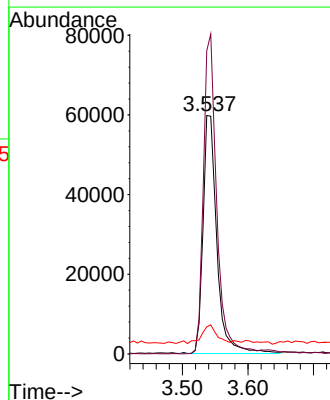
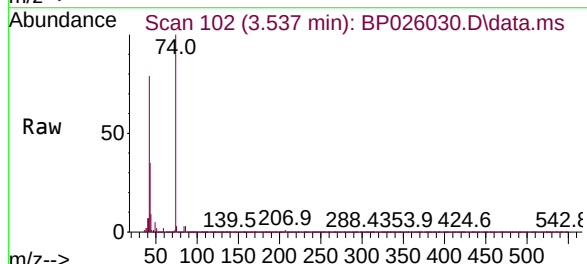
RT: 3.537 min Scan# 102

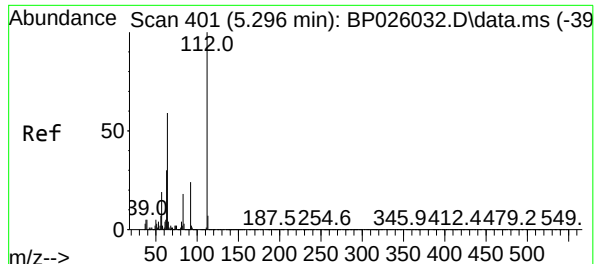
Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:	42	Resp:	86859
Ion	Ratio	Lower	Upper
42	100		
74	127.2	105.7	158.5
44	11.3	6.6	9.8





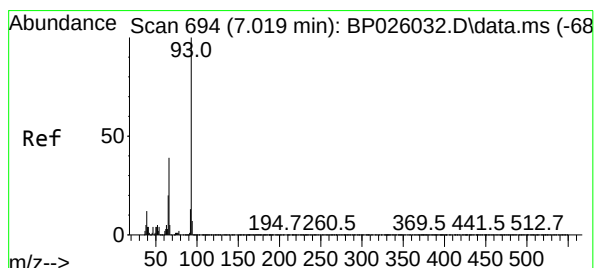
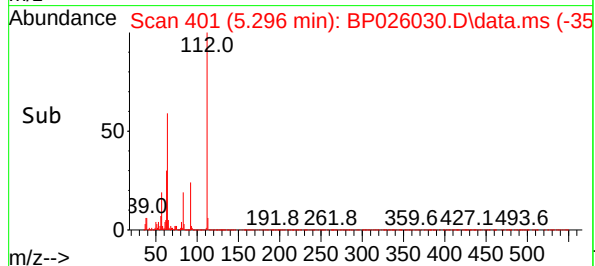
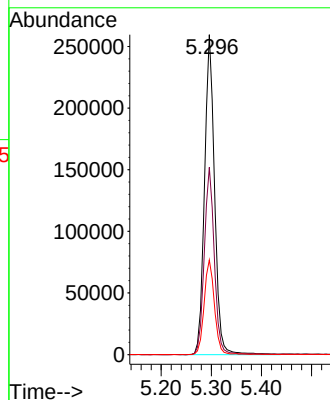
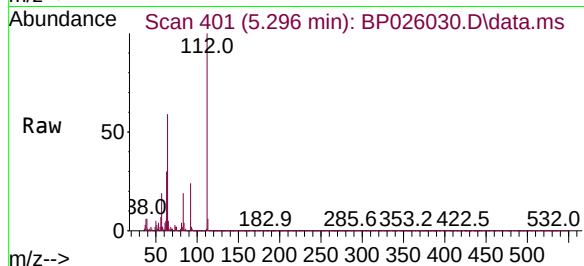
#5
2-Fluorophenol
Concen: 20.712 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 112 Resp: 36257
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.2
63 29.6 24.2 36.4

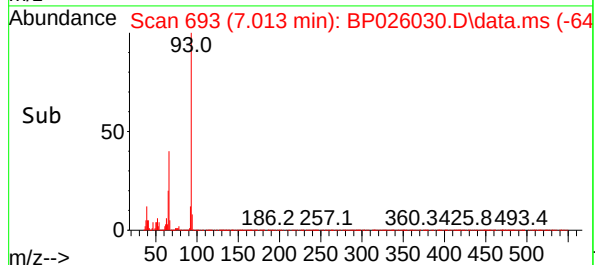
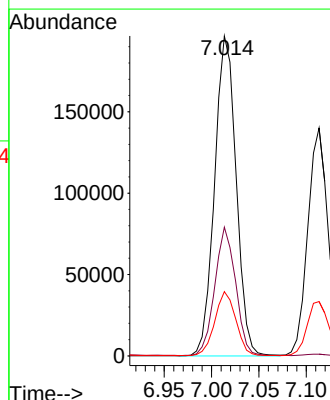
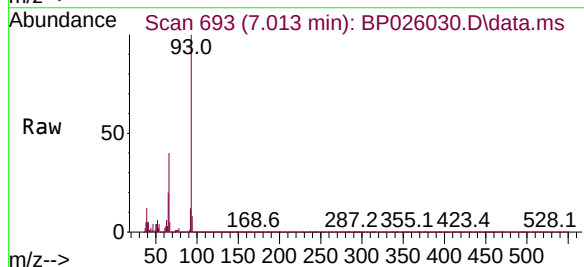
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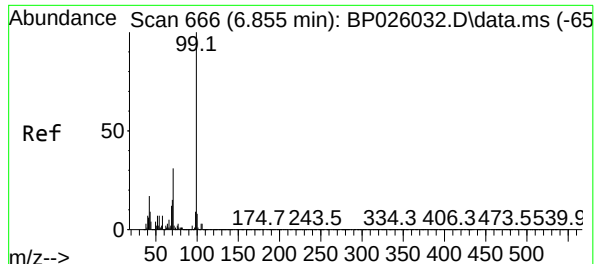
Reviewed By :Rahul Chavli 10/30/2025
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#6
Aniline
Concen: 10.476 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 93 Resp: 311508
Ion Ratio Lower Upper
93 100
66 40.2 31.2 46.8
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 20.484 ng

RT: 6.849 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

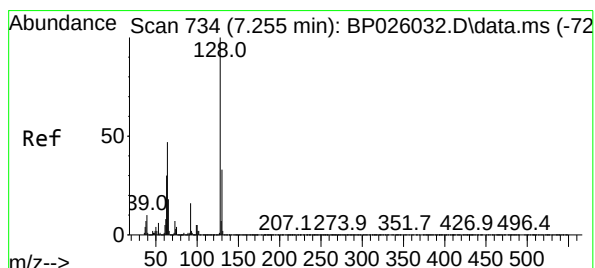
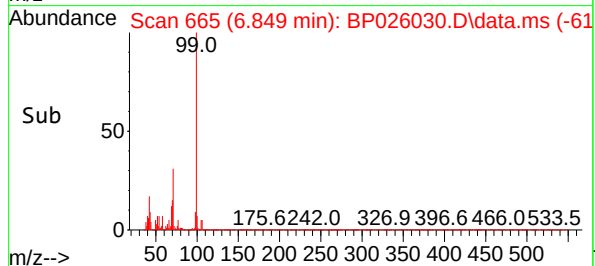
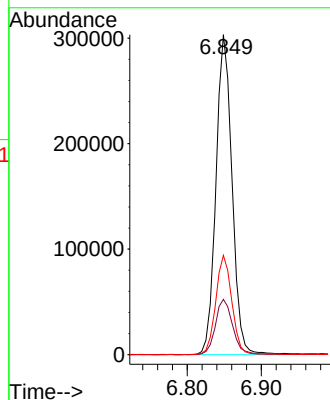
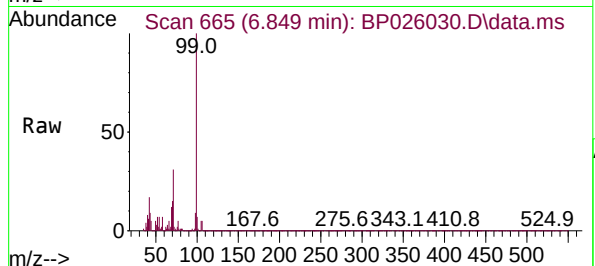
SSTDICC010

Tgt Ion:	99	Resp:	456392
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	31.1	24.4	36.6

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#8

2-Chlorophenol

Concen: 10.086 ng

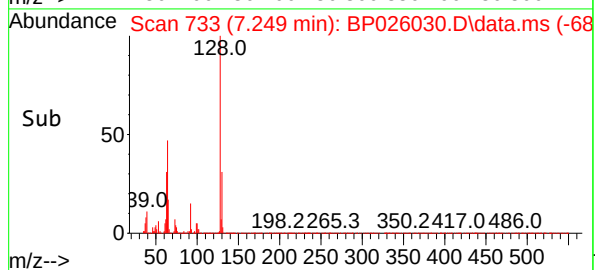
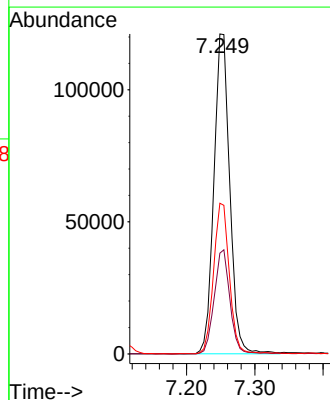
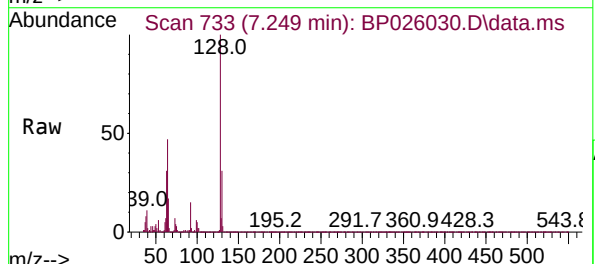
RT: 7.249 min Scan# 733

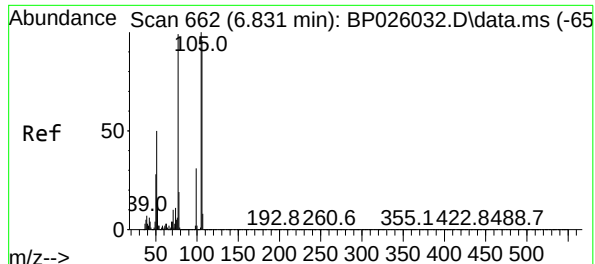
Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

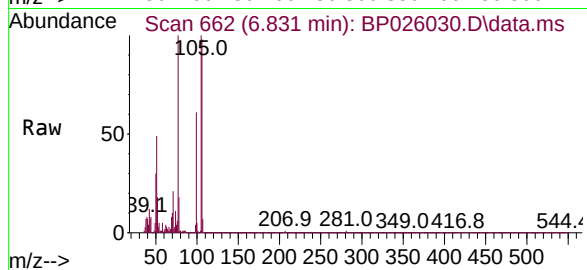
Tgt Ion:	128	Resp:	195513
Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.7	52.7
64	47.1	27.4	67.4





#9
Benzaldehyde
Concen: 10.666 ng m
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

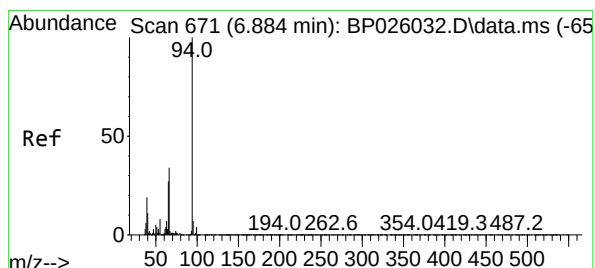
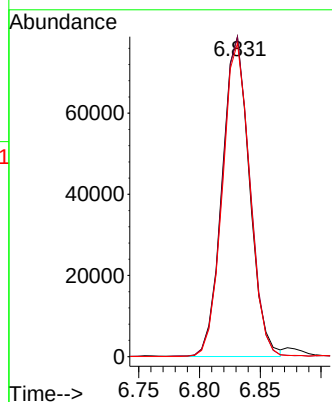
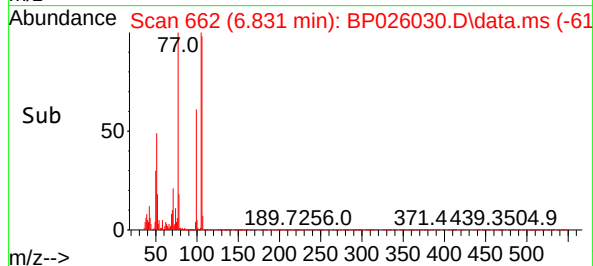
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 123534
Ion Ratio Lower Upper
77 100
105 100.0 80.7 120.7
106 98.0 76.5 116.5

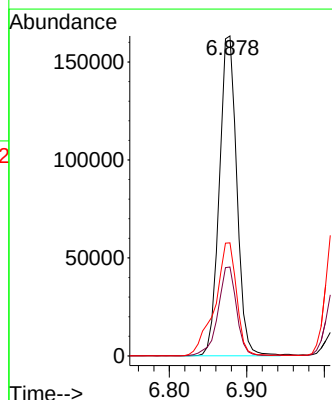
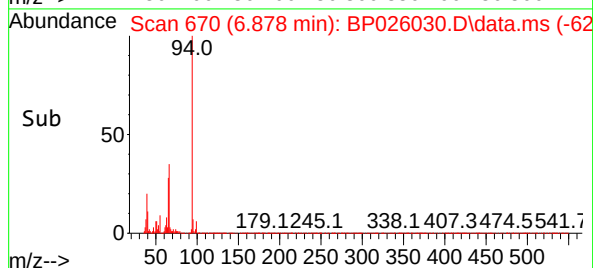
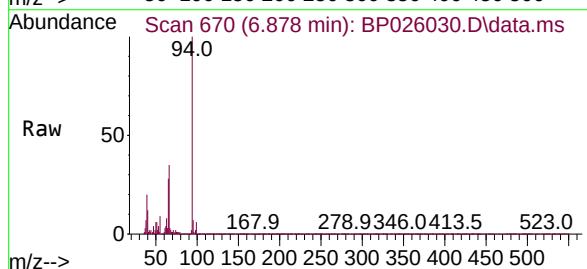
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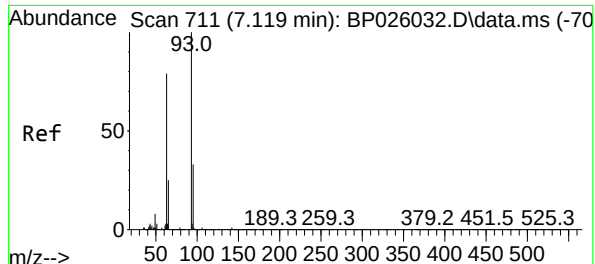
Reviewed By :Rahul Chavli 10/30/2025
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#10
Phenol
Concen: 10.340 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 94 Resp: 255762
Ion Ratio Lower Upper
94 100
65 27.8 7.1 47.1
66 35.3 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 10.612 ng

RT: 7.114 min Scan# 711

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 207158

Ion Ratio Lower Upper

93 100

63 80.5 59.1 99.1

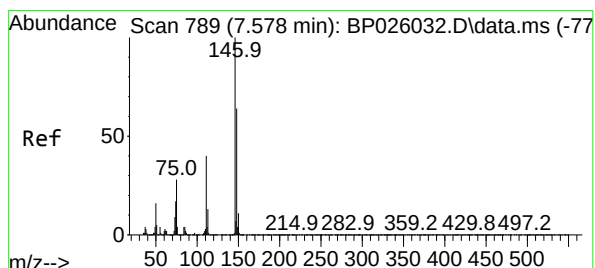
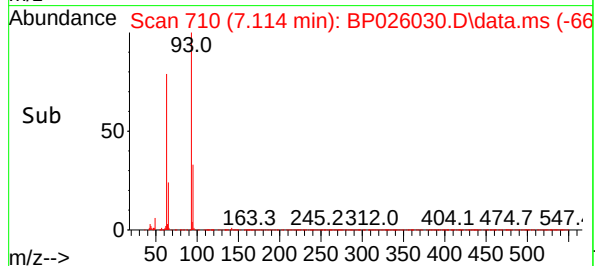
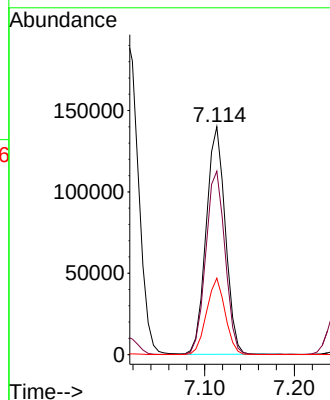
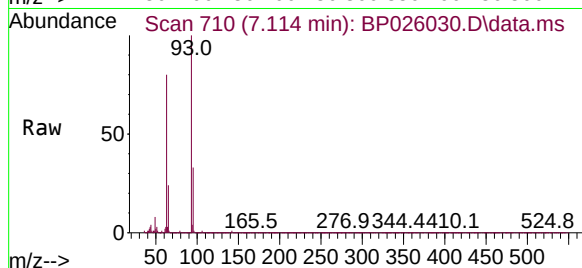
95 33.5 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 10.771 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

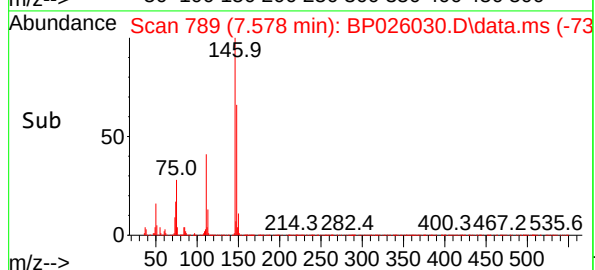
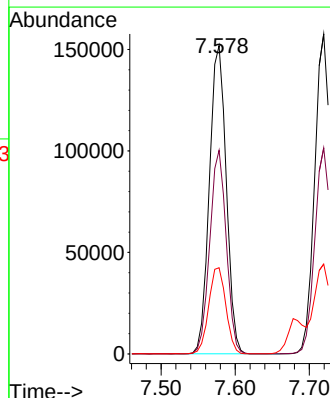
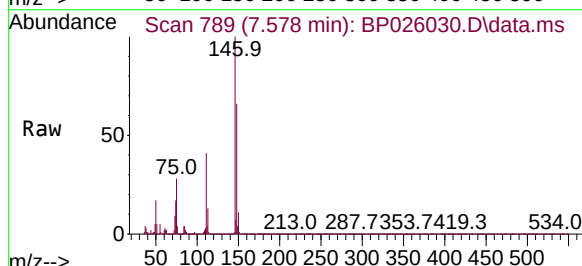
Tgt Ion:146 Resp: 239783

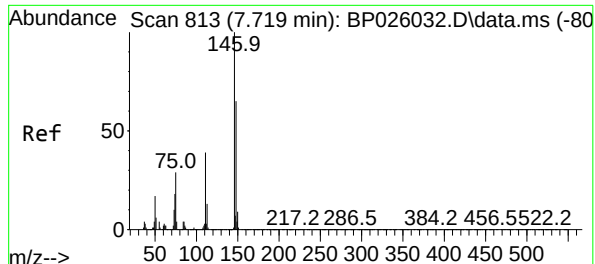
Ion Ratio Lower Upper

146 100

148 66.0 51.6 77.4

75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 10.787 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 242788

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

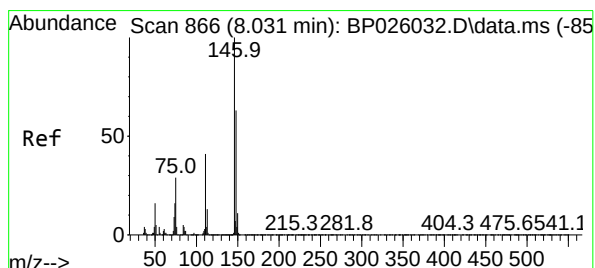
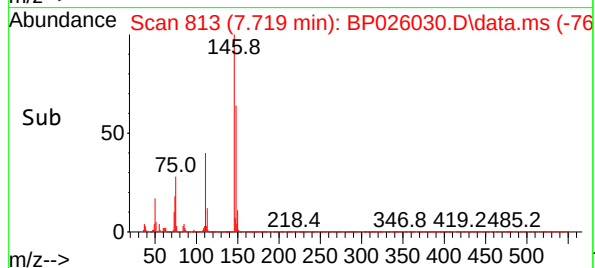
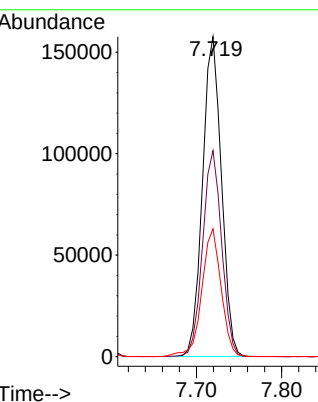
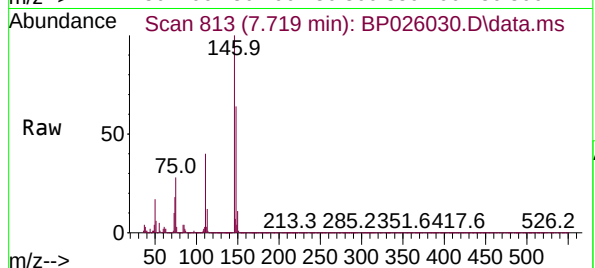
111 39.9 31.3 46.9

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 10.729 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

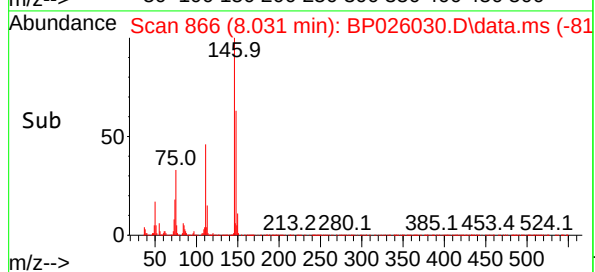
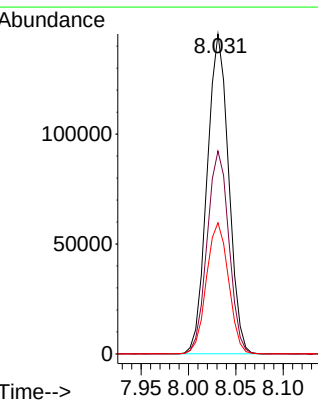
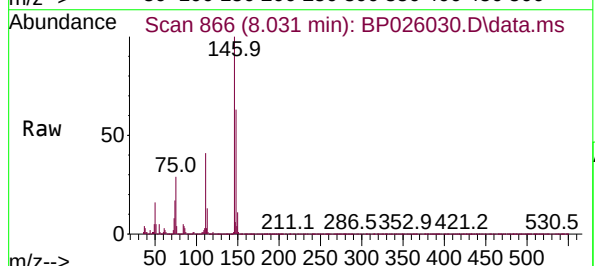
Tgt Ion:146 Resp: 230430

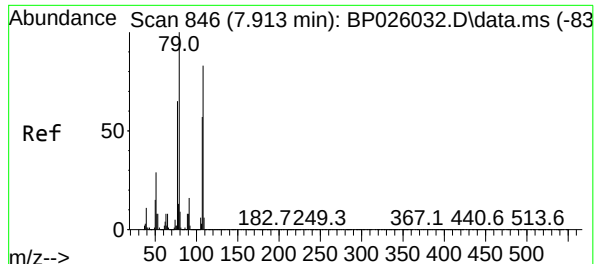
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 41.0 33.0 49.4





#15

Benzyl Alcohol

Concen: 9.618 ng

RT: 7.908 min Scan# 846

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 15449

Ion Ratio Lower Upper

79 100

108 81.9 66.0 99.0

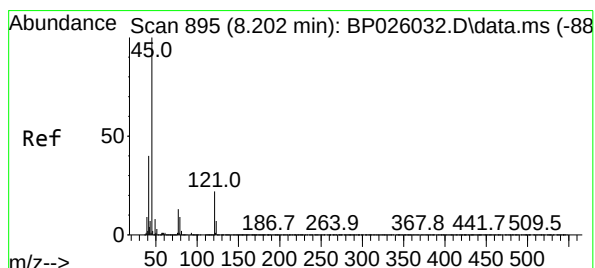
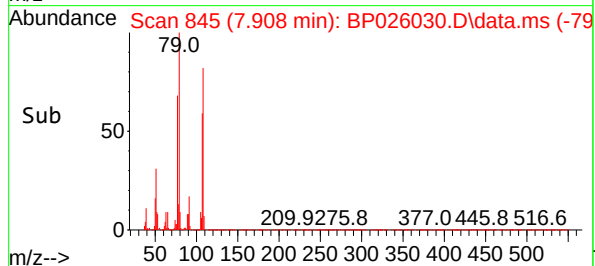
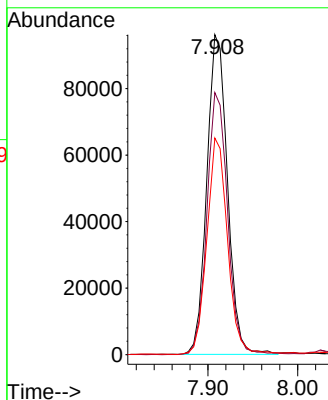
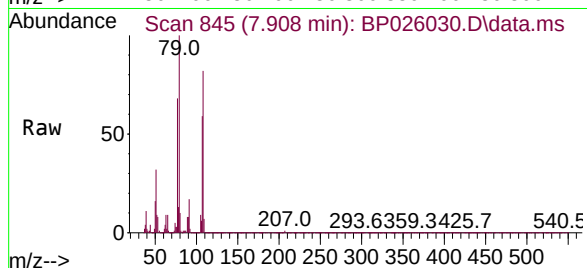
77 67.7 52.3 78.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.818 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

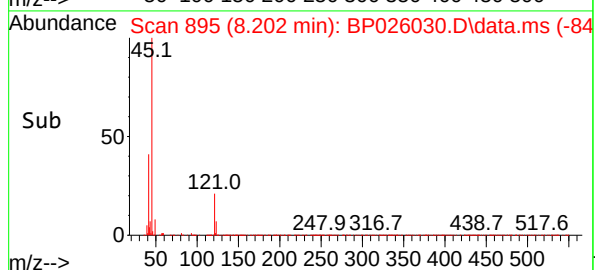
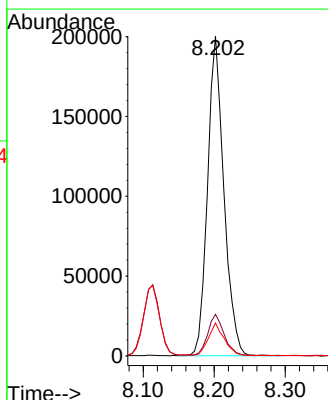
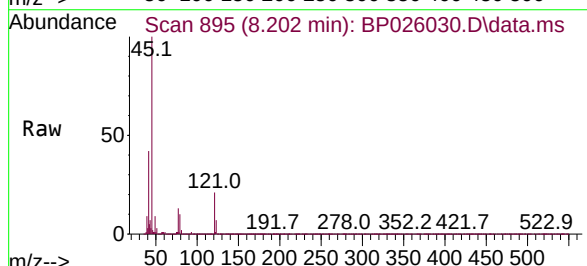
Tgt Ion: 45 Resp: 319172

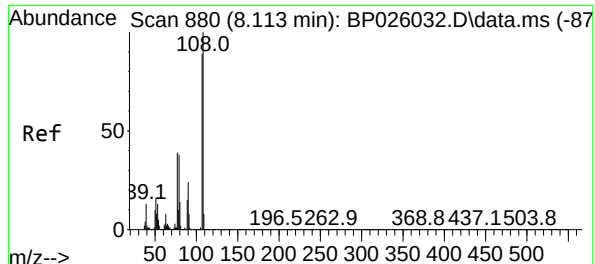
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

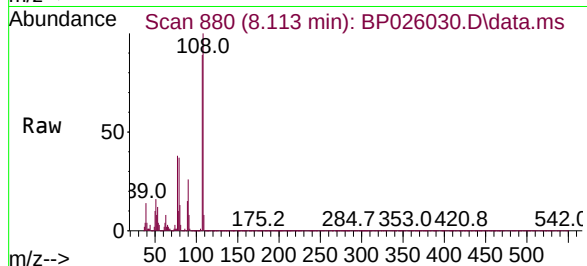
79 10.3 0.0 29.5





#17
2-Methylphenol
Concen: 10.068 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

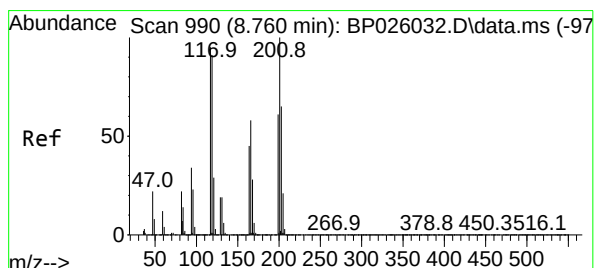
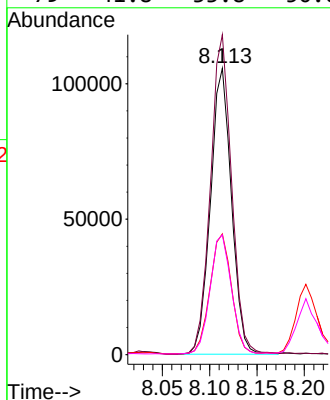
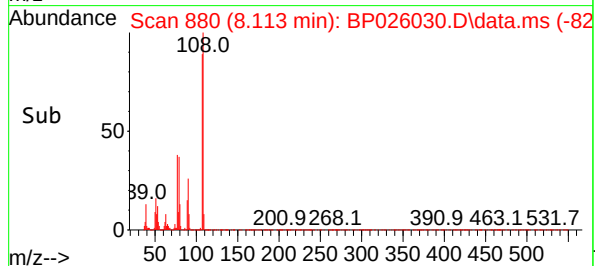
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



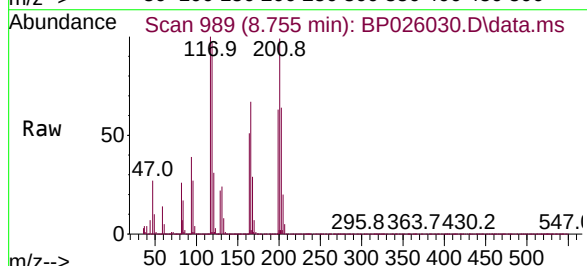
Tgt Ion:107 Resp: 163076
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 42.2 34.8 52.2
79 41.8 33.8 50.6

Manual Integrations
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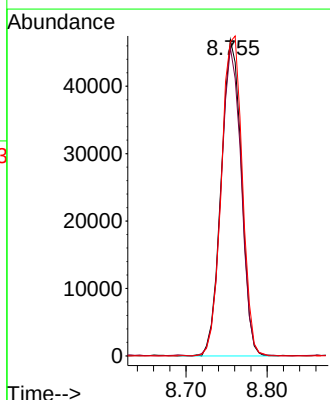
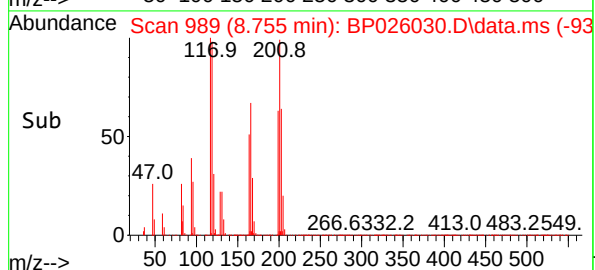
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

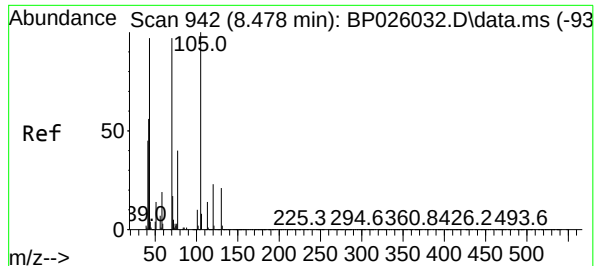


#18
Hexachloroethane
Concen: 10.537 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion:117 Resp: 81158
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7
201 99.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.582 ng

RT: 8.472 min Scan# 94

Delta R.T. -0.017 min

Lab File: BP026030.D

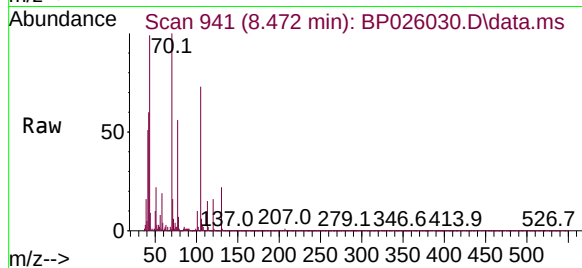
Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 146354

Ion Ratio Lower Upper

70 100

42 60.0 47.2 70.8

101 9.8 8.2 12.2

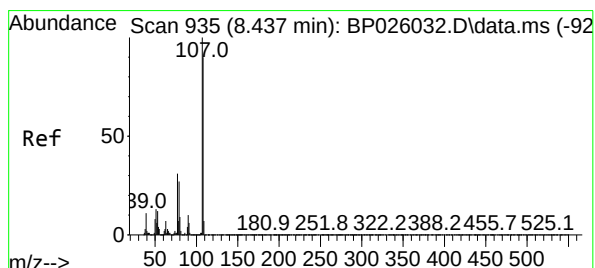
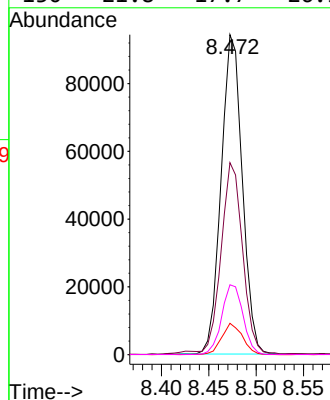
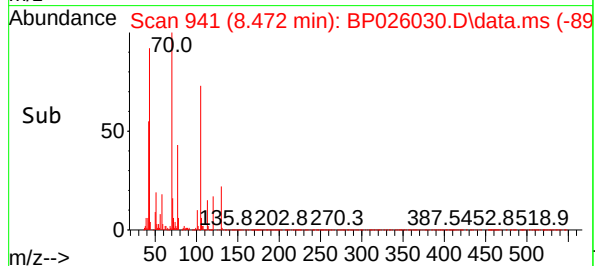
130 21.8 17.7 26.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

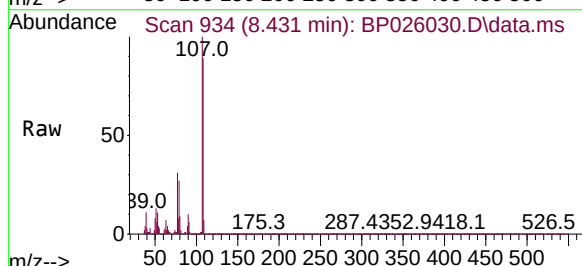
Concen: 9.746 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.011 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48



Tgt Ion:107 Resp: 219610

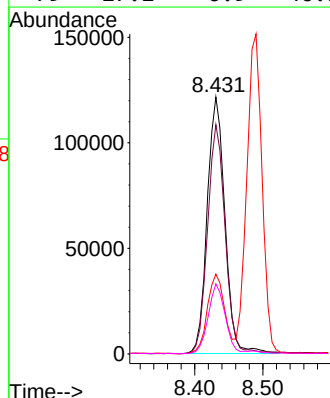
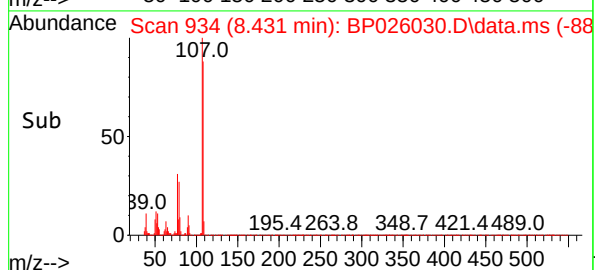
Ion Ratio Lower Upper

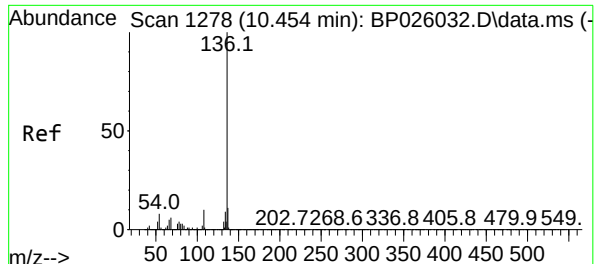
107 100

108 89.2 70.1 110.1

77 31.0 10.7 50.7

79 27.2 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 1158283

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 6.6 10.0

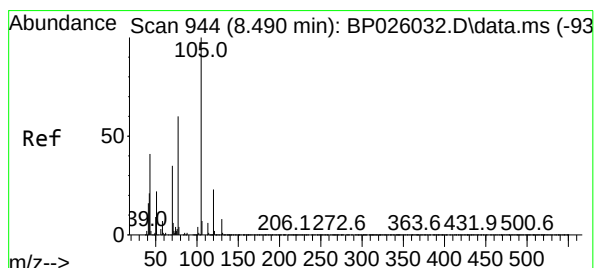
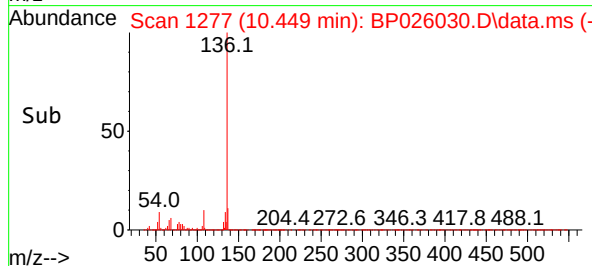
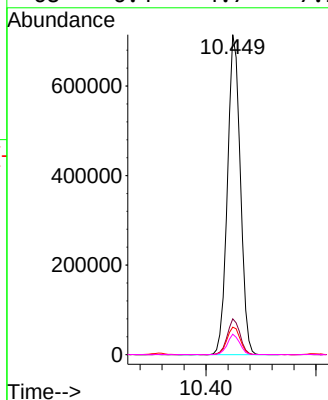
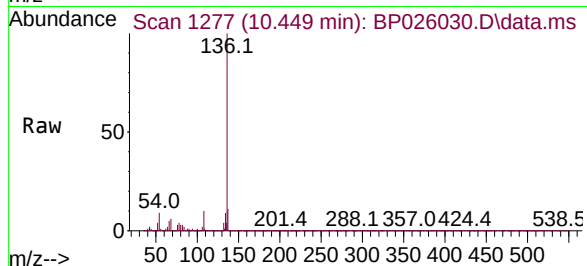
68 6.4 4.7 7.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 10.842 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:105 Resp: 317614

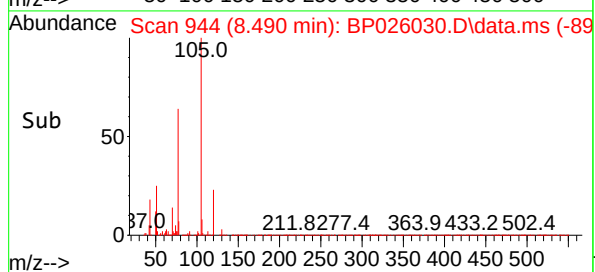
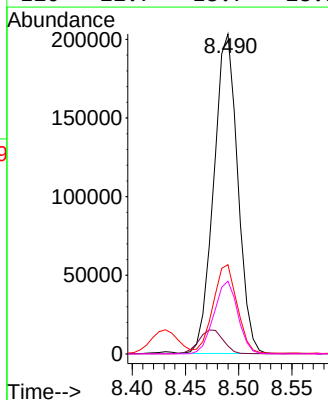
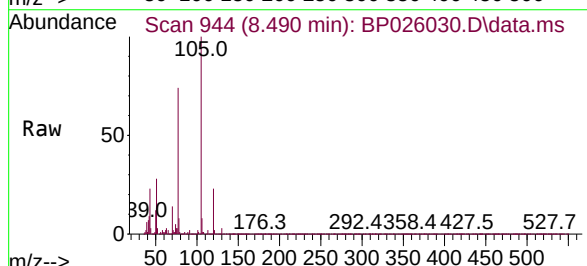
Ion Ratio Lower Upper

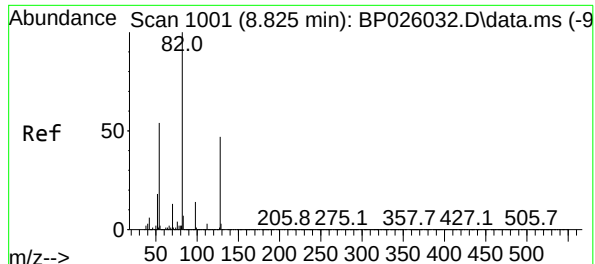
105 100

71 2.5 4.7 7.1#

51 27.9 21.8 32.8

120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 19.781 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

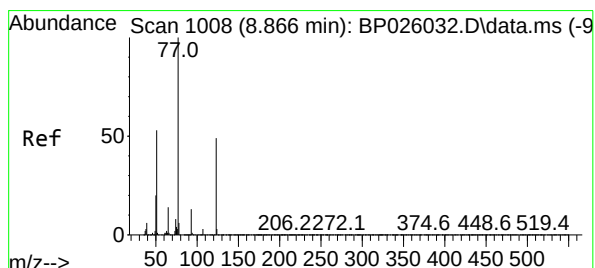
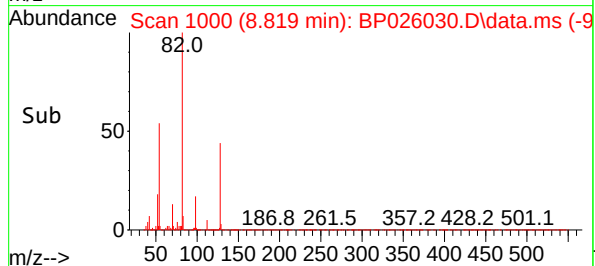
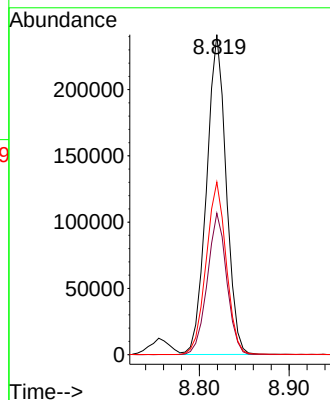
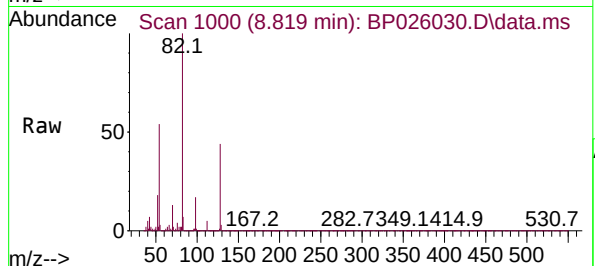
SSTDICC010

Tgt Ion:	82	Resp:	36753
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.0
54	53.9	42.7	64.1

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 10.199 ng

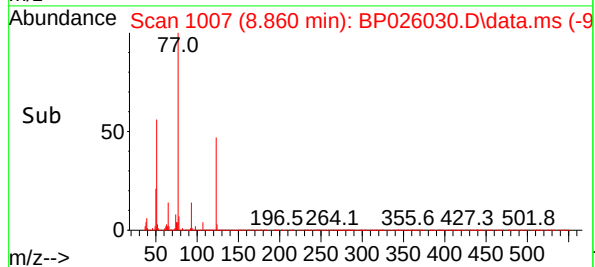
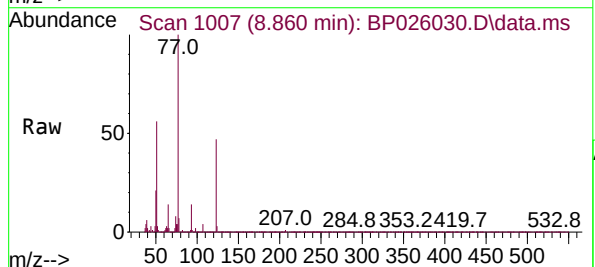
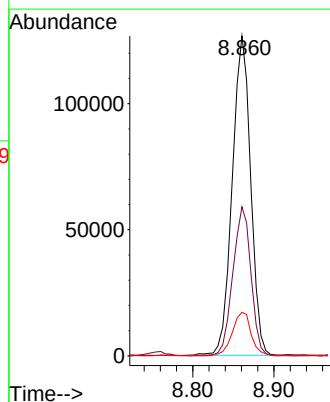
RT: 8.860 min Scan# 1007

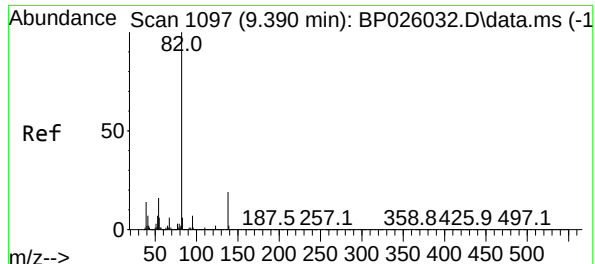
Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

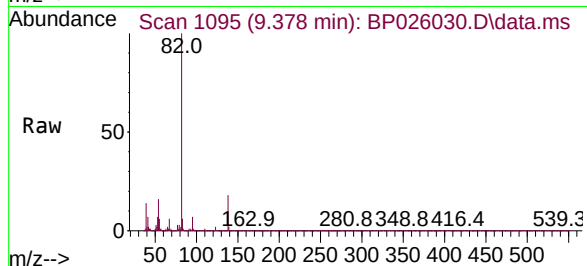
Tgt Ion:	77	Resp:	200078
Ion	Ratio	Lower	Upper
77	100		
123	46.6	39.0	58.4
65	13.6	10.9	16.3





#25
Isophorone
Concen: 10.506 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

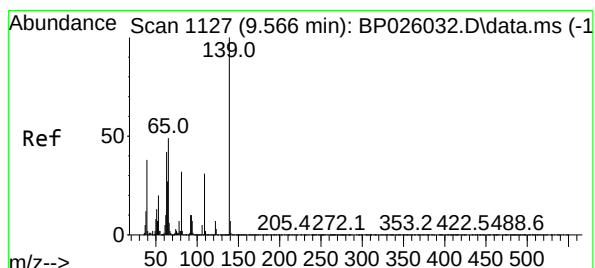
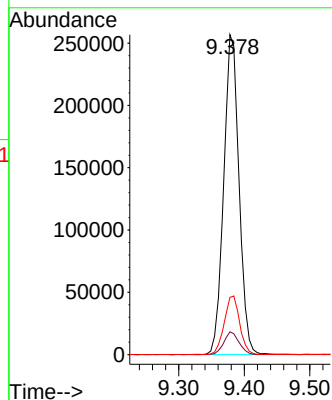
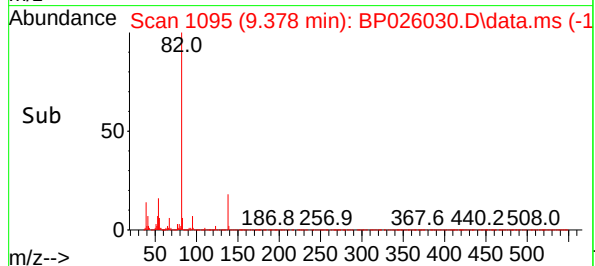
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 41783
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 15.0 22.6

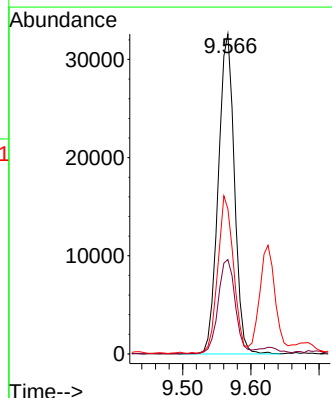
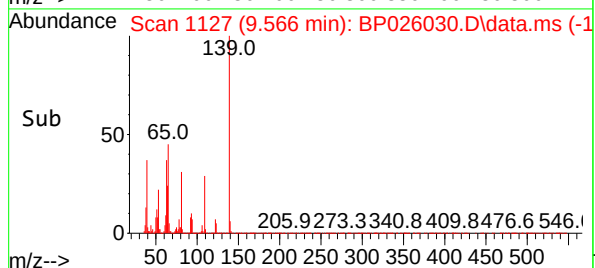
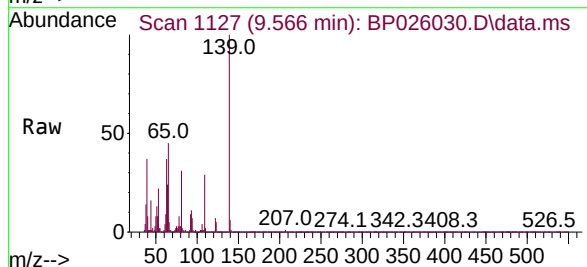
Manual Integrations
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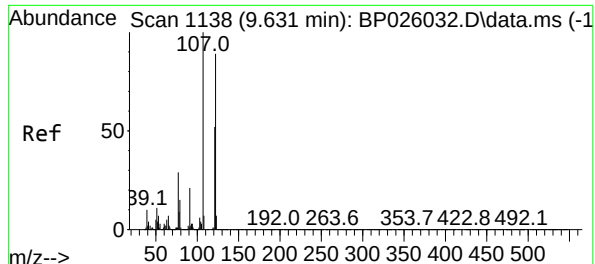
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 9.634 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:139 Resp: 53200
Ion Ratio Lower Upper
139 100
109 29.5 24.8 37.2
65 45.3 39.0 58.4





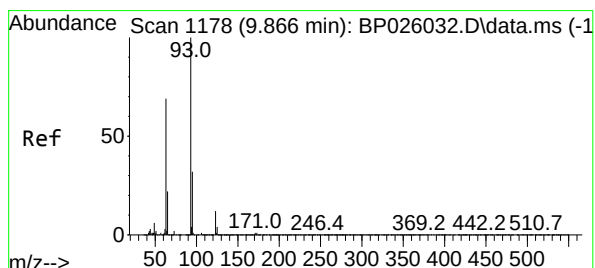
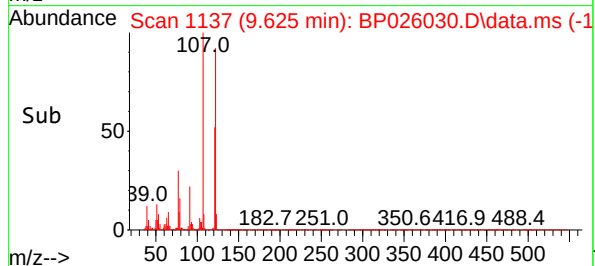
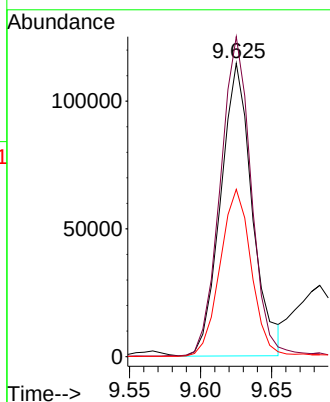
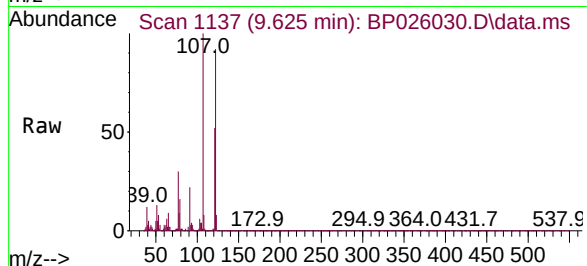
#27
2,4-Dimethylphenol
Concen: 10.585 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 17702
Ion Ratio Lower Upper
122 100
107 109.1 89.2 133.8
121 57.0 46.3 69.5

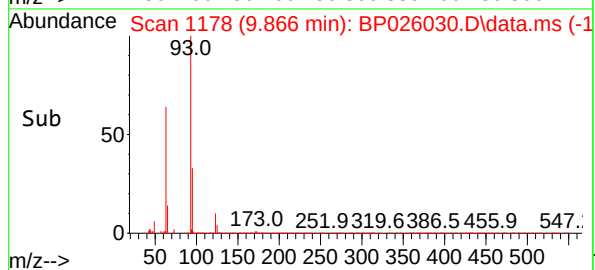
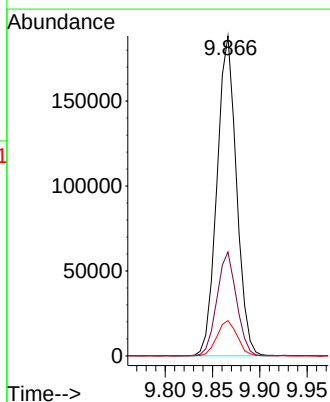
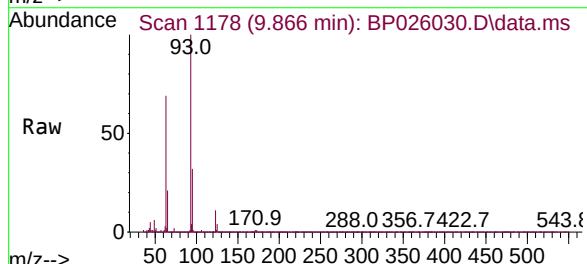
Manual Integrations
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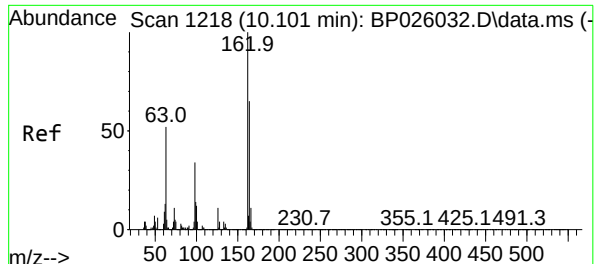
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.772 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 93 Resp: 269975
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.0 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 9.911 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

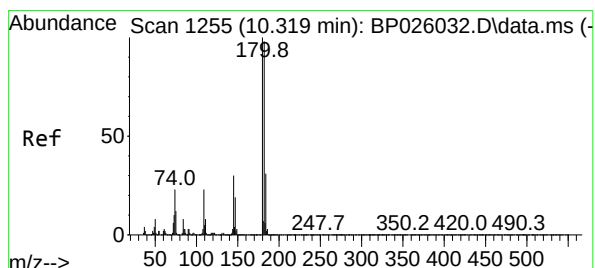
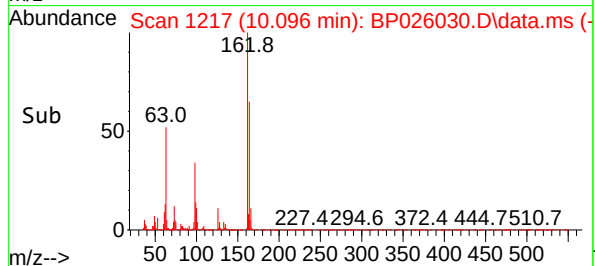
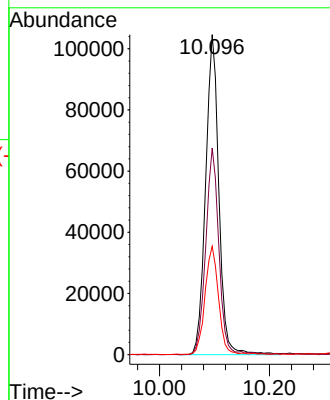
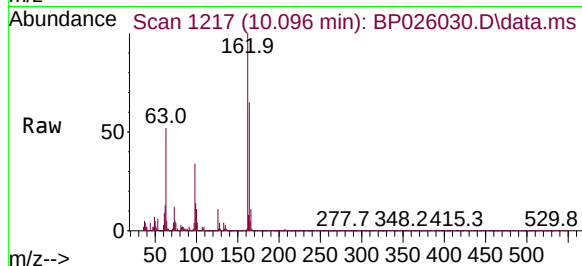
Tgt Ion:	162	Resp:	175015
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.6	84.6
98	33.8	14.0	54.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.893 ng

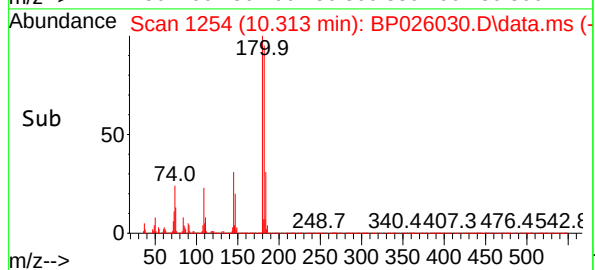
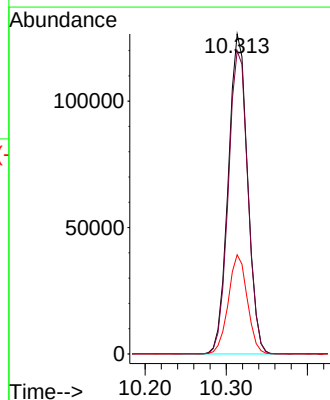
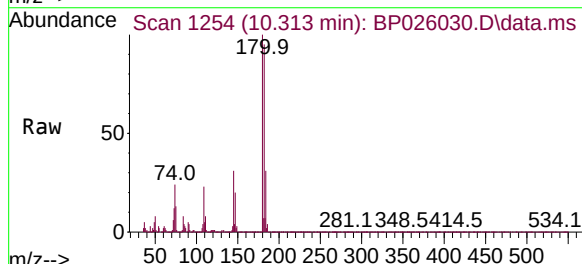
RT: 10.313 min Scan# 1254

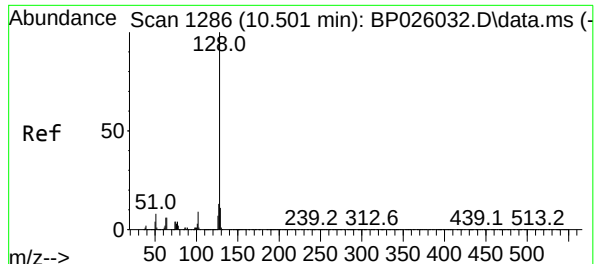
Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:	180	Resp:	209064
Ion Ratio	Lower	Upper	
180	100		
182	94.7	78.6	117.8
145	31.0	24.2	36.4





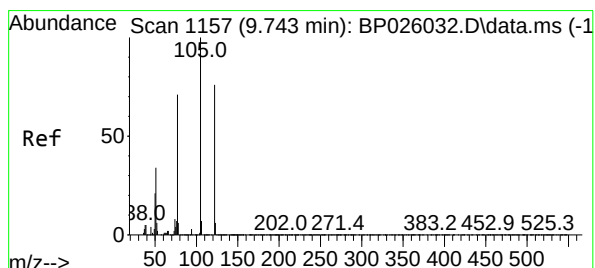
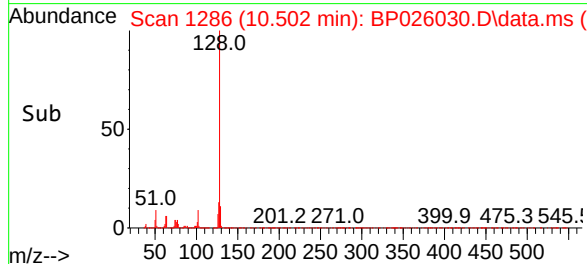
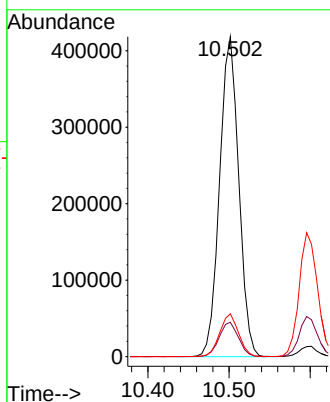
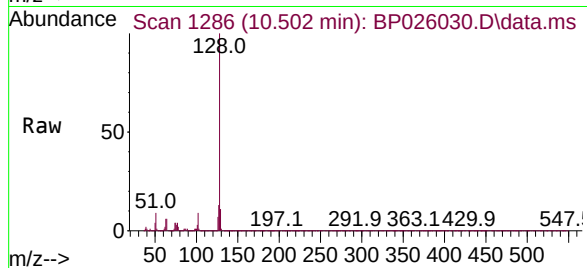
#31
Naphthalene
Concen: 10.833 ng
RT: 10.502 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 684226
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.5 15.7

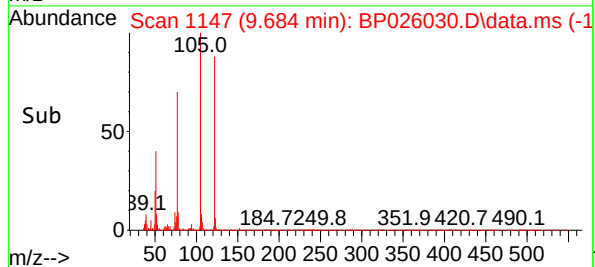
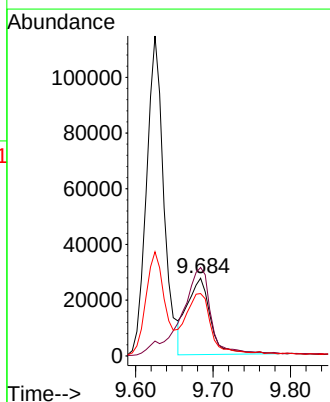
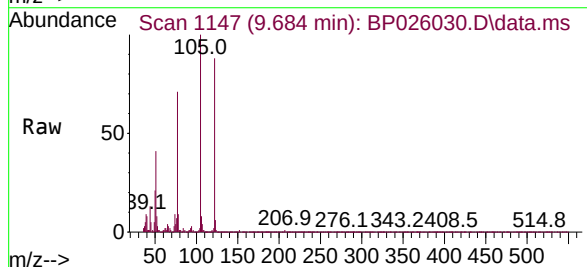
Manual Integrations
APPROVED

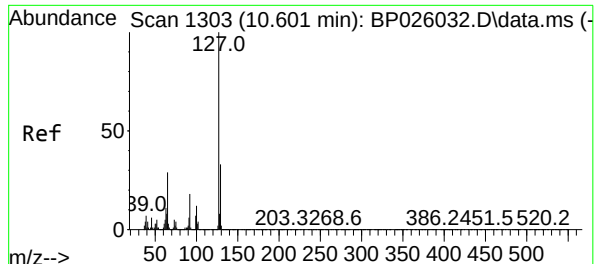
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 10.150 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.094 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

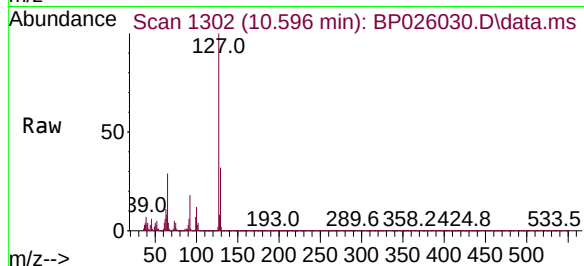
Tgt Ion:122 Resp: 58000
Ion Ratio Lower Upper
122 100
105 113.7 104.8 144.8
77 80.2 70.9 110.9





#33
4-Chloroaniline
Concen: 10.507 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

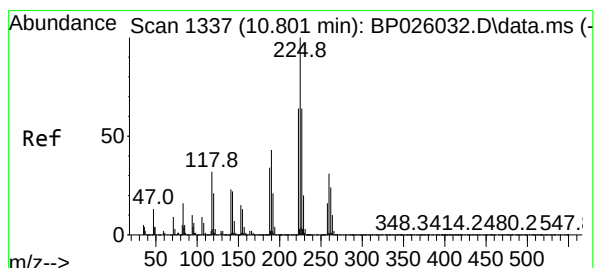
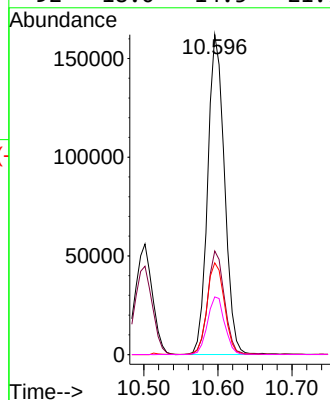
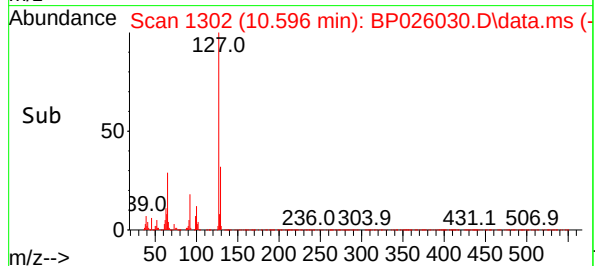
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 255029
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 28.7 23.2 34.8
92 18.0 14.5 21.7

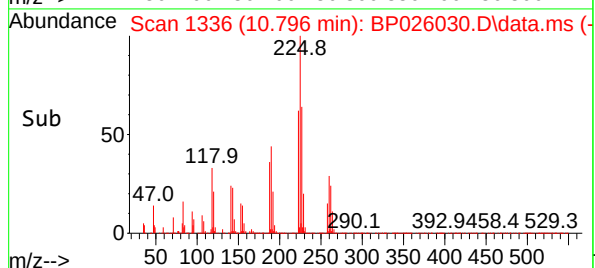
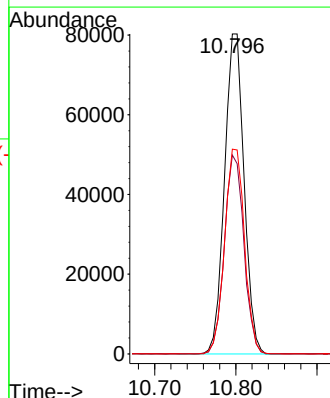
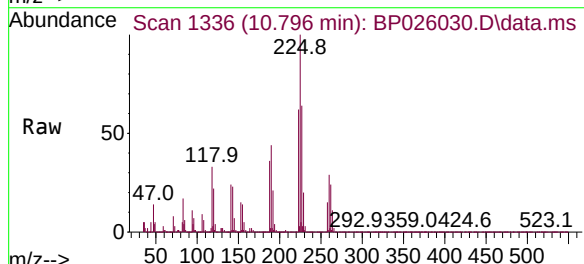
Manual Integrations
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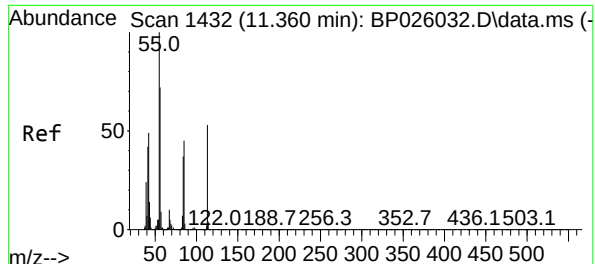
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#34
Hexachlorobutadiene
Concen: 10.977 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:225 Resp: 133883
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 64.0 51.0 76.4





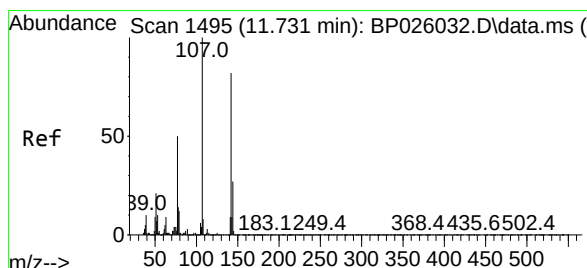
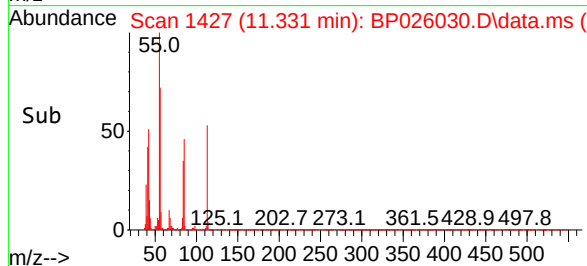
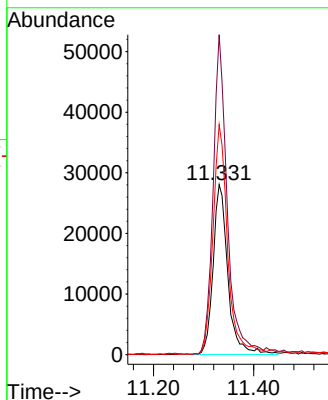
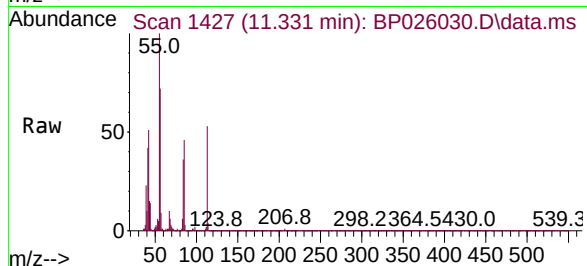
#35
Caprolactam
Concen: 9.290 ng
RT: 11.331 min Scan# 1432
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
113	100		
55	188.3	169.9	209.9
56	135.3	116.7	156.7

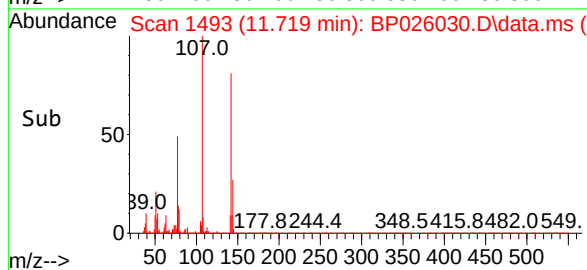
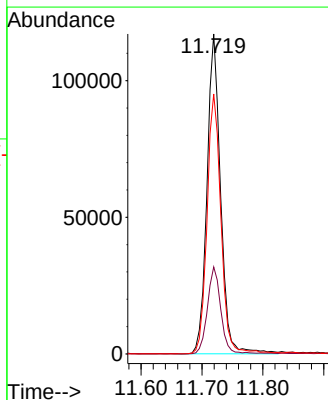
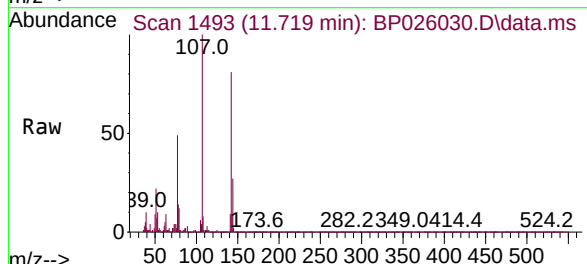
Manual Integrations
APPROVED

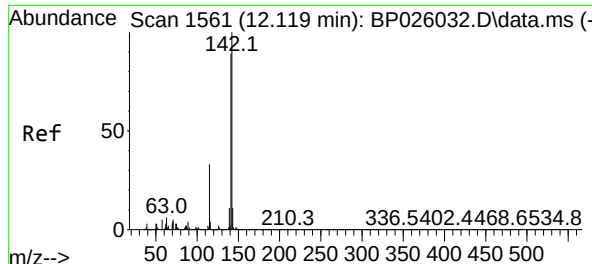
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 9.808 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.3	31.9
142	81.2	65.2	97.8





#37

2-Methylnaphthalene

Concen: 10.783 ng

RT: 12.113 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

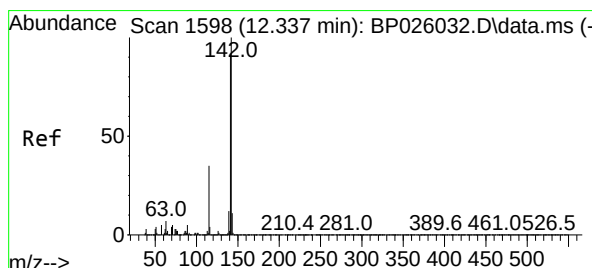
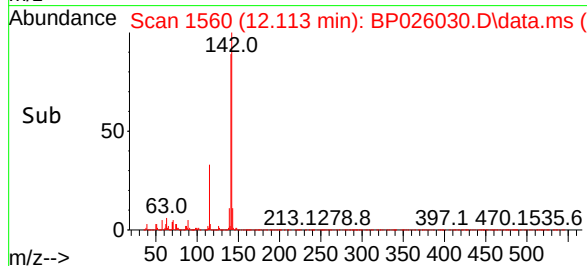
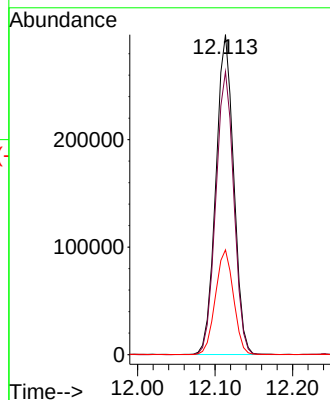
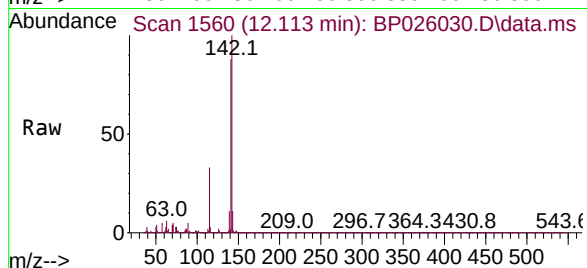
SSTDICC010

Tgt Ion:	142	Resp:	47669
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.6	107.4
115	32.8	26.6	39.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#38

1-Methylnaphthalene

Concen: 10.801 ng

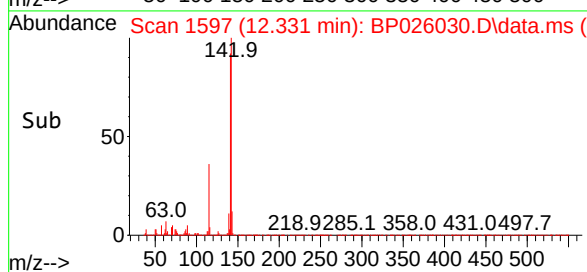
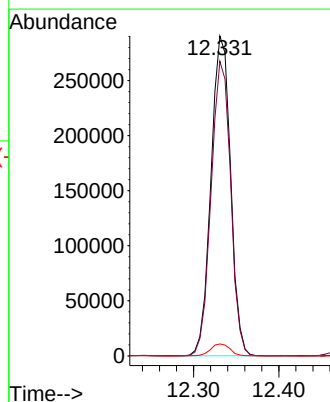
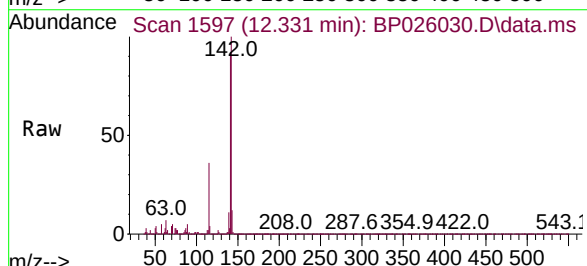
RT: 12.331 min Scan# 1597

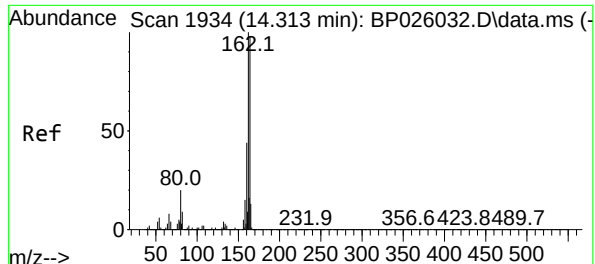
Delta R.T. -0.005 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:	142	Resp:	463905
Ion Ratio	Lower	Upper	
142	100		
141	92.1	72.7	109.1
116	3.7	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 734566

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

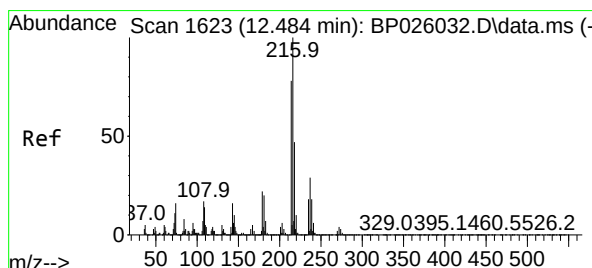
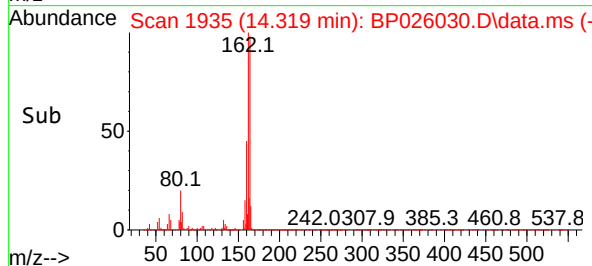
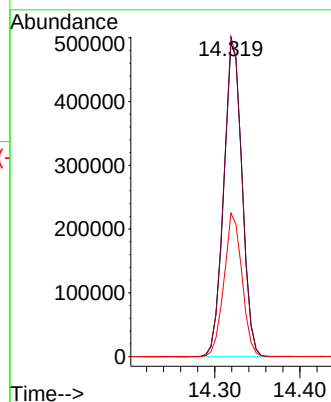
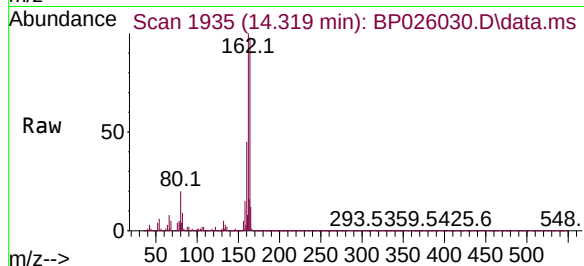
160 45.7 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.776 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:216 Resp: 245958

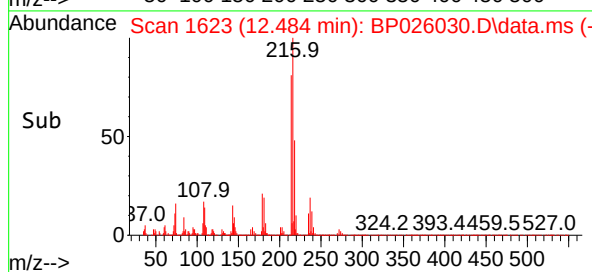
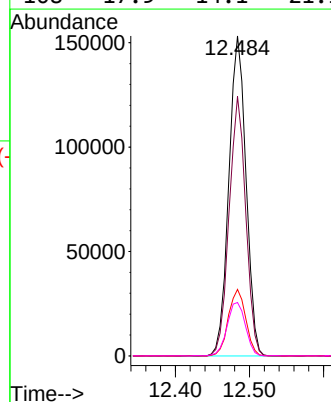
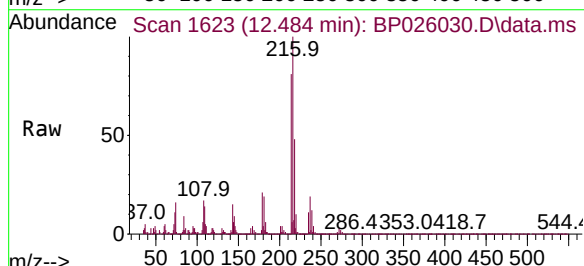
Ion Ratio Lower Upper

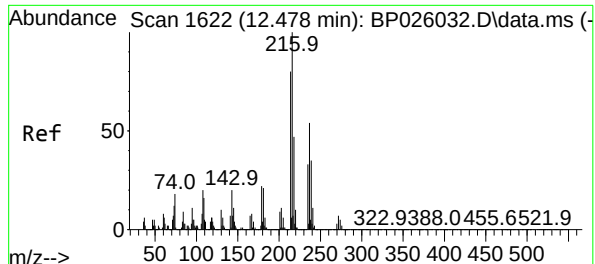
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 17.9 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 8.806 ng

RT: 12.472 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

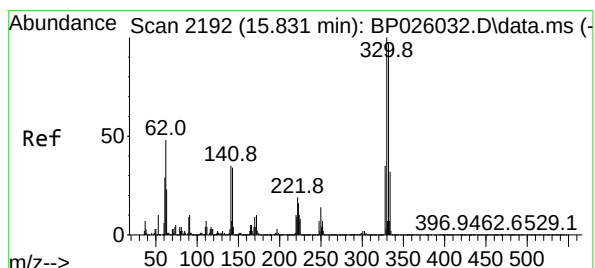
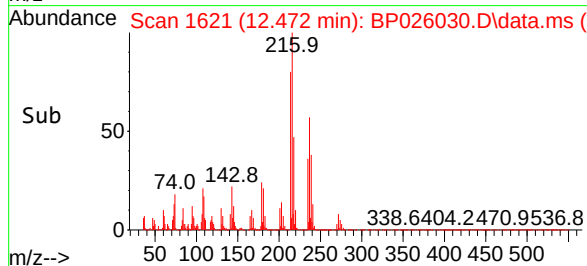
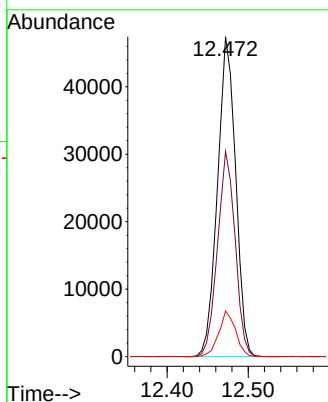
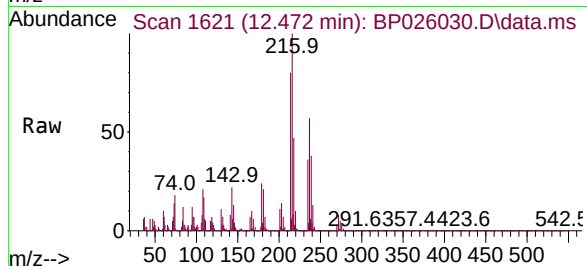
Tgt Ion:	237	Resp:	73538
Ion Ratio	Lower	Upper	
237	100		
235	64.1	40.4	80.4
272	14.2	0.0	32.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 19.502 ng

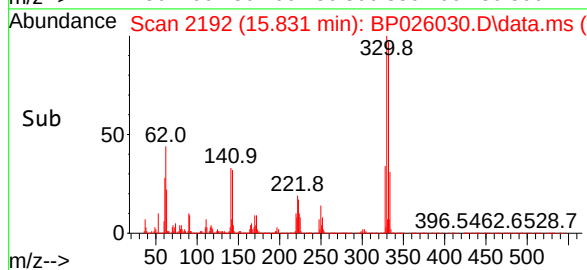
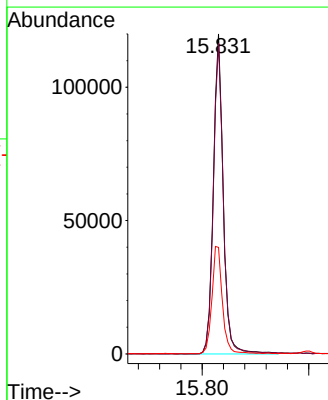
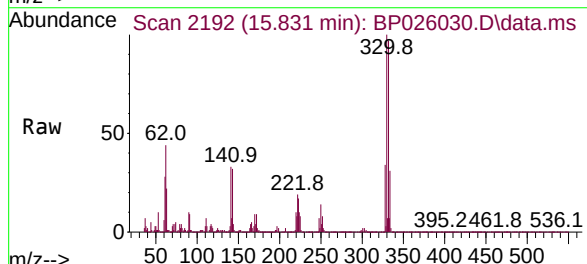
RT: 15.831 min Scan# 2192

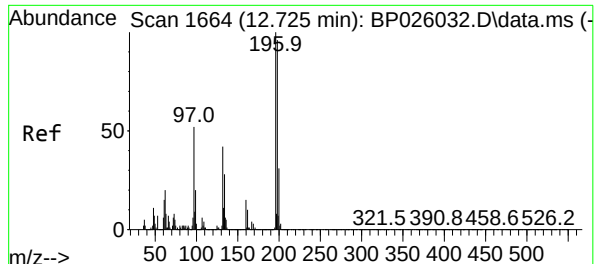
Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:	330	Resp:	154869
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.3	115.9
141	35.8	28.6	42.8





#43

2,4,6-Trichlorophenol

Concen: 9.317 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 125693

Ion Ratio Lower Upper

196 100

198 94.6 76.5 114.7

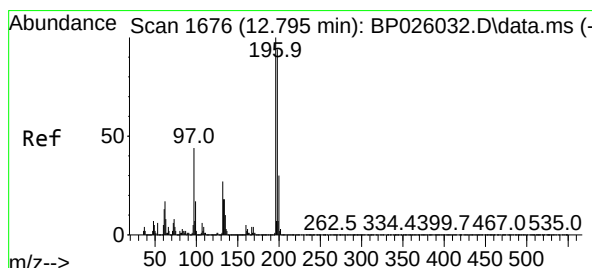
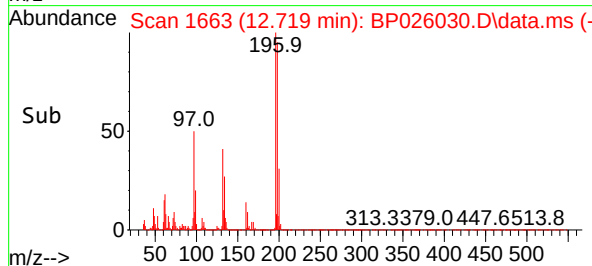
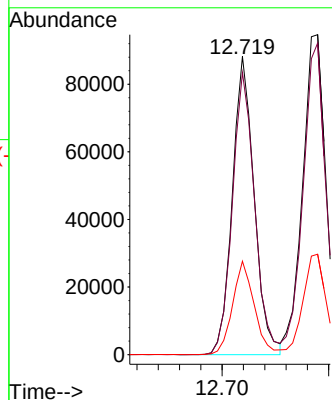
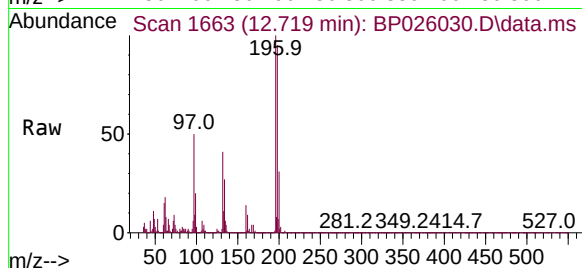
200 31.3 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 9.868 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:196 Resp: 151902

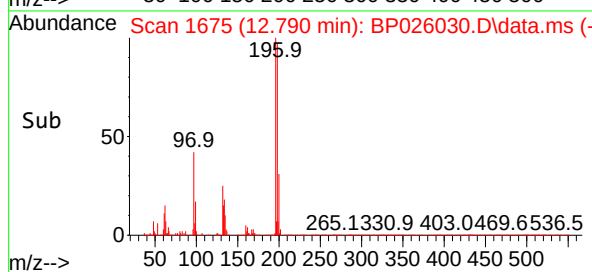
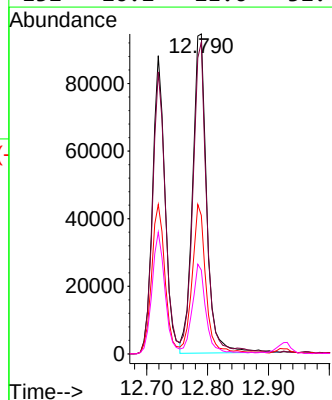
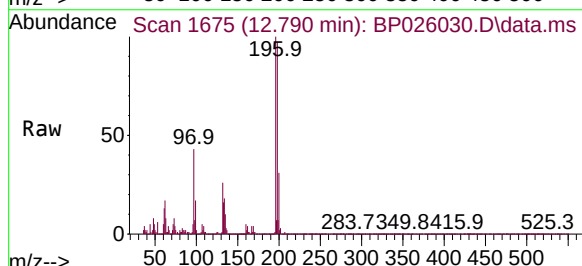
Ion Ratio Lower Upper

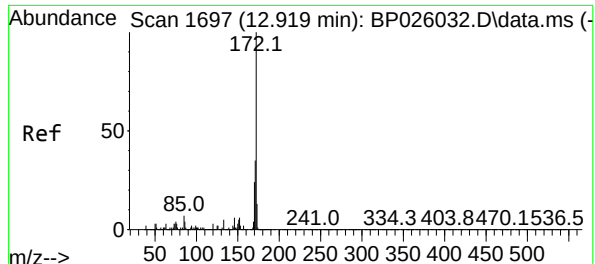
196 100

198 97.4 75.1 112.7

97 43.3 35.5 53.3

132 26.2 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 22.262 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026030.D

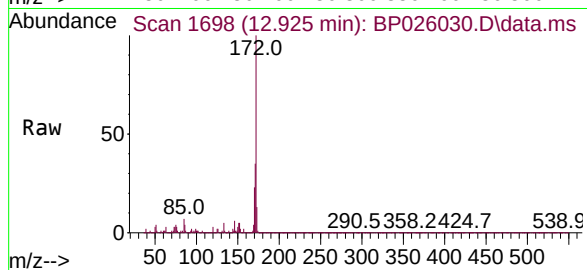
Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



Tgt Ion:172 Resp: 1138070

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

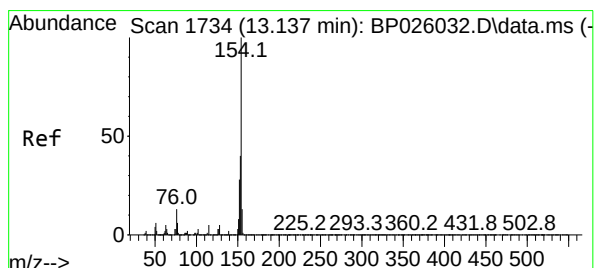
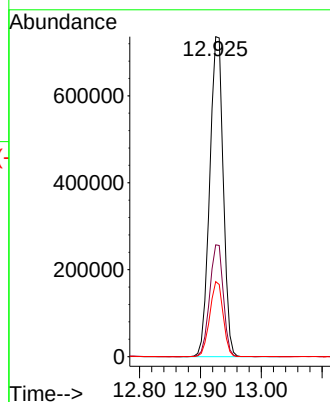
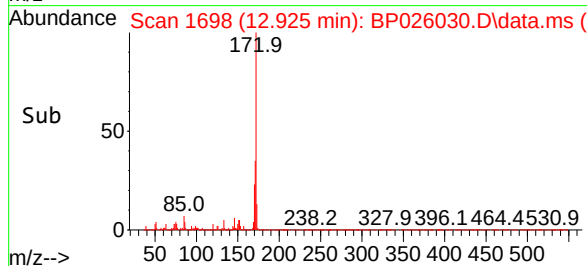
170 23.4 19.0 28.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#46

1,1'-Biphenyl

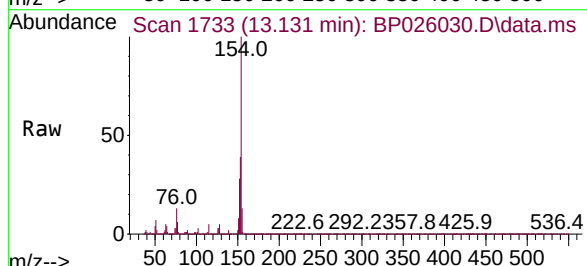
Concen: 10.924 ng

RT: 13.131 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48



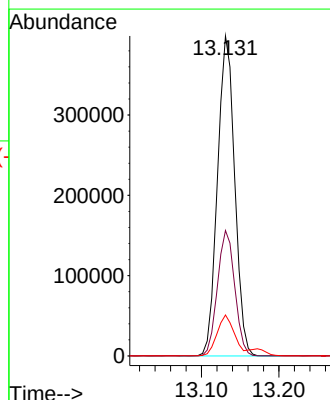
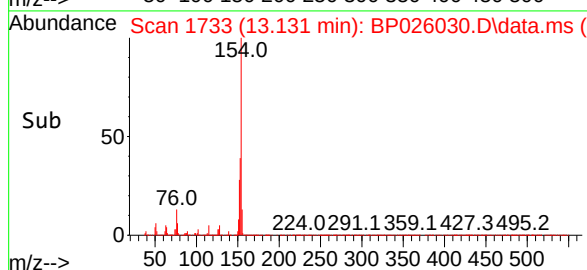
Tgt Ion:154 Resp: 614441

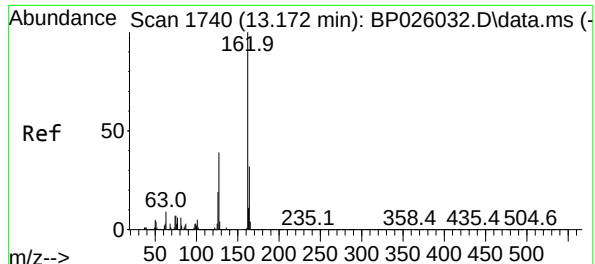
Ion Ratio Lower Upper

154 100

153 39.2 20.2 60.2

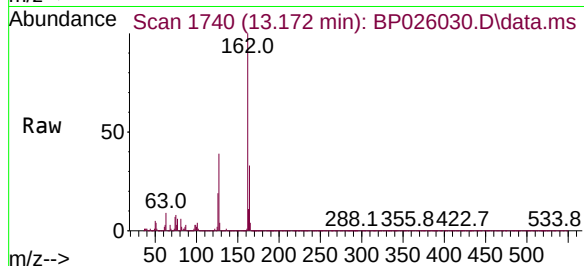
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 10.824 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

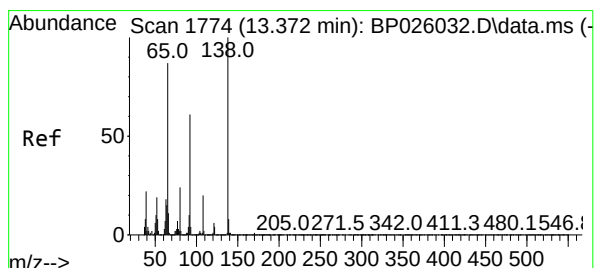
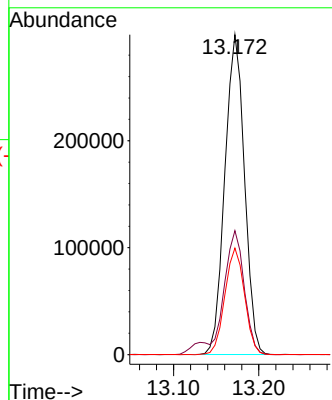
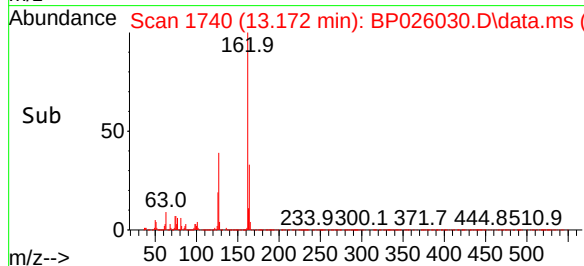
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



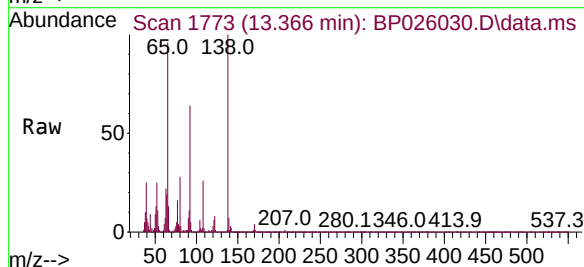
Tgt Ion:162 Resp: 479020
Ion Ratio Lower Upper
162 100
127 38.7 31.4 47.2
164 33.3 25.9 38.9

Manual Integrations
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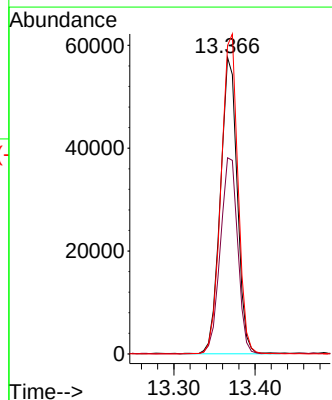
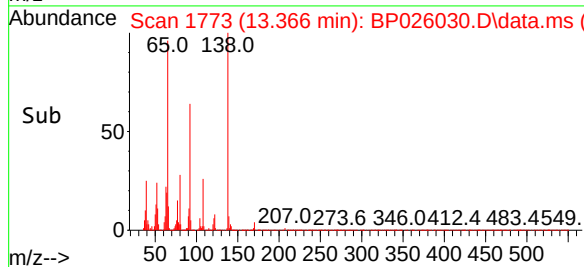
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

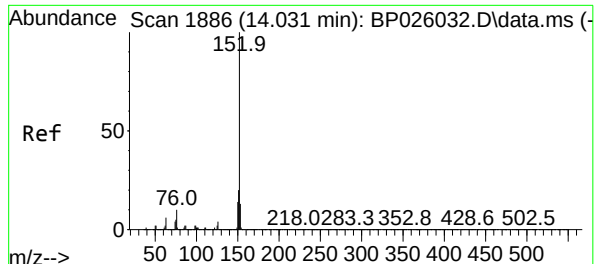


#48
2-Nitroaniline
Concen: 9.741 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion: 65 Resp: 83149
Ion Ratio Lower Upper
65 100
92 66.2 55.5 83.3
138 104.1 91.7 137.5





#49

Acenaphthylene

Concen: 10.506 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

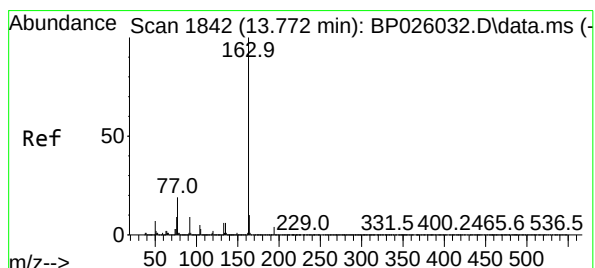
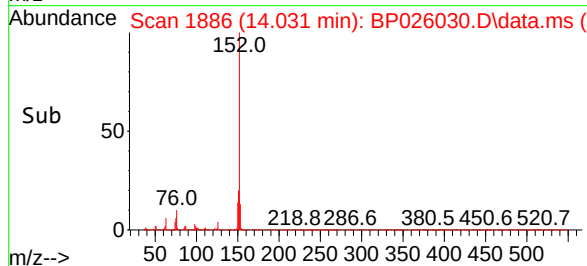
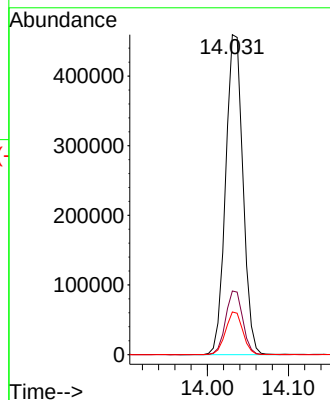
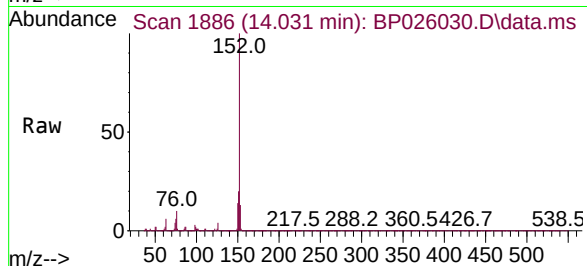
SSTDICC010

Tgt Ion:	152	Resp:	67762
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 10.820 ng

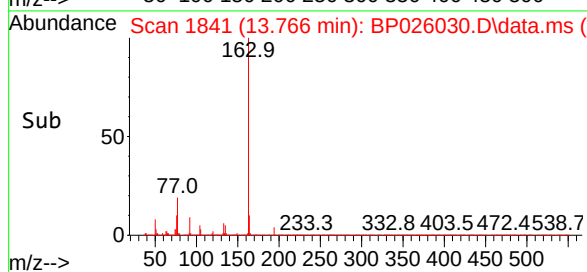
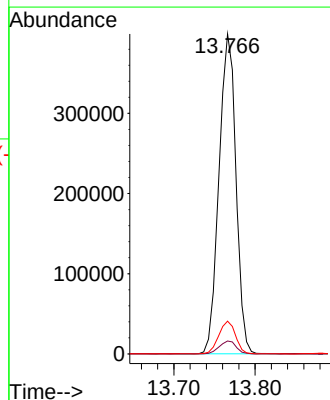
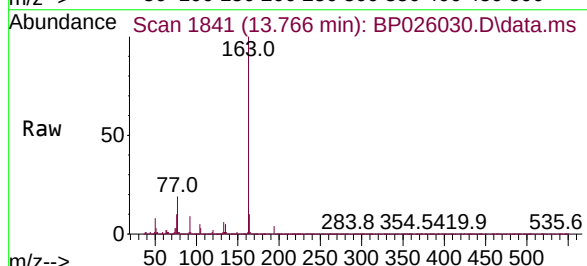
RT: 13.766 min Scan# 1841

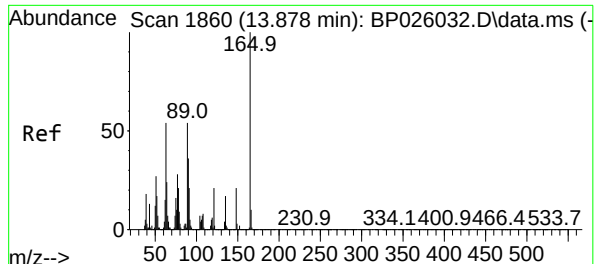
Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

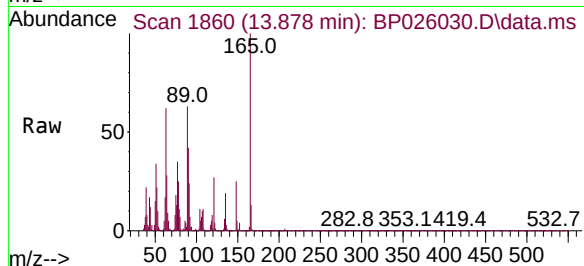
Tgt Ion:	163	Resp:	578145
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 9.731 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

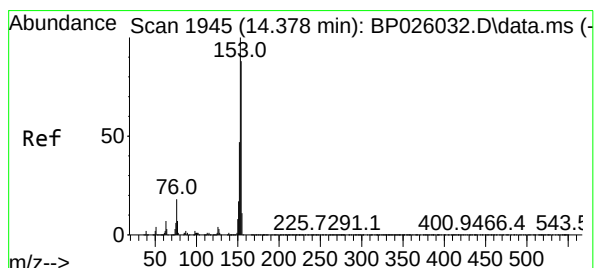
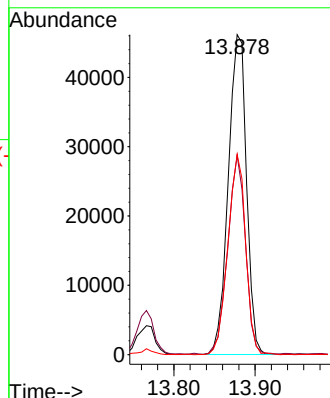
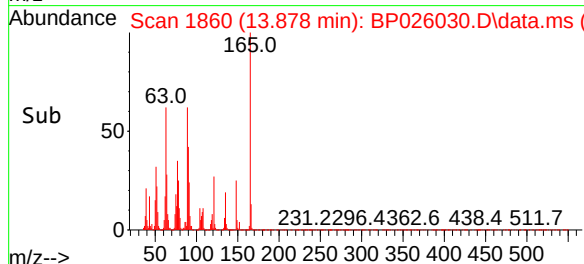
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



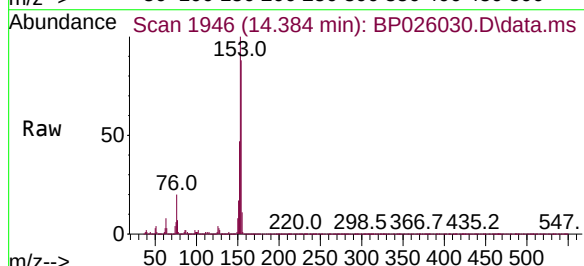
Tgt Ion:165 Resp: 71941
Ion Ratio Lower Upper
165 100
63 62.2 43.0 64.4
89 62.6 43.0 64.4

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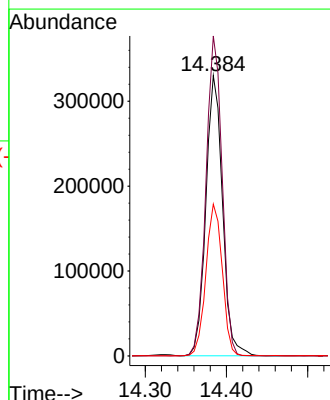
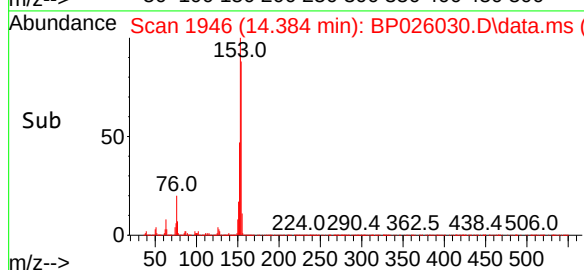
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

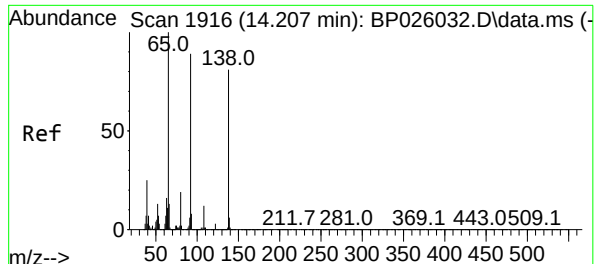


#52
Acenaphthene
Concen: 10.658 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion:154 Resp: 471935
Ion Ratio Lower Upper
154 100
153 114.2 91.0 136.4
152 54.1 42.7 64.1





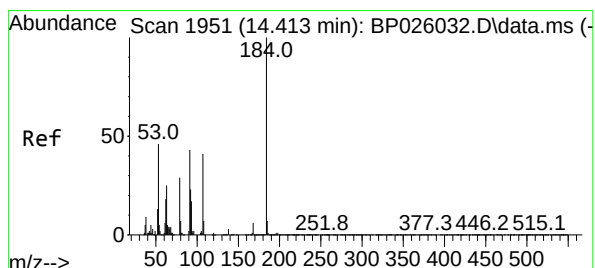
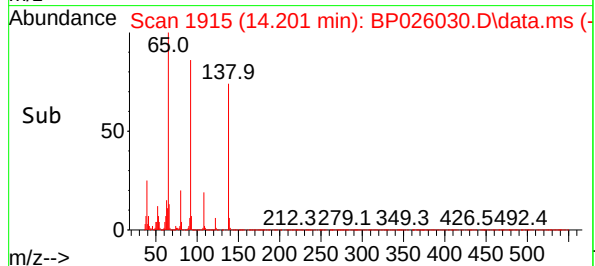
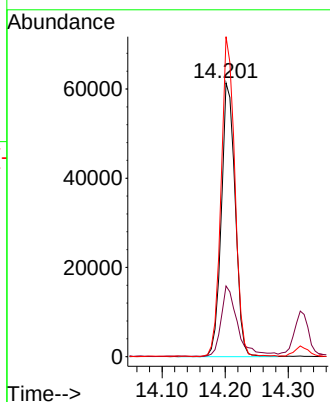
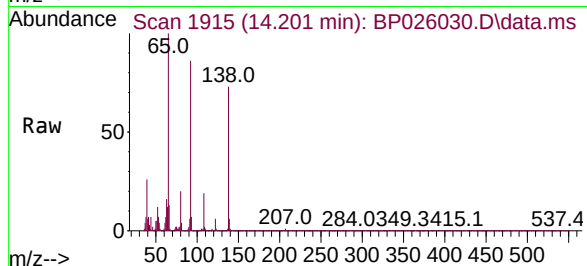
#53
3-Nitroaniline
Concen: 9.962 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 93292
Ion Ratio Lower Upper
138 100
108 25.8 11.4 17.0
92 116.9 87.1 130.7

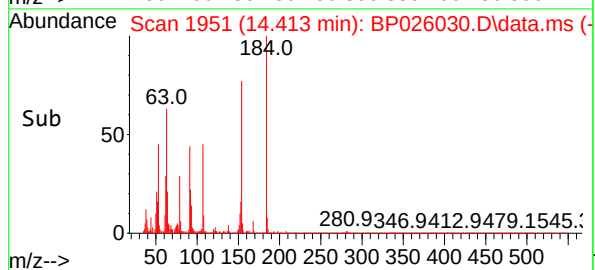
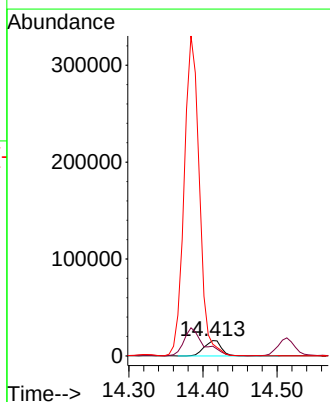
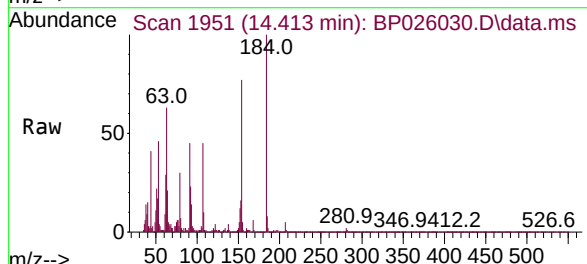
Manual Integrations
APPROVED

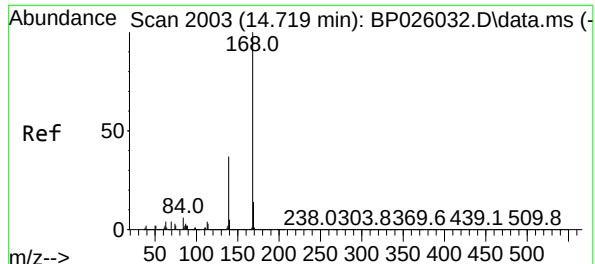
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 10.017 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:184 Resp: 25388
Ion Ratio Lower Upper
184 100
63 63.5 49.0 73.4
154 77.0 51.0 76.6





#55

Dibenzofuran

Concen: 10.966 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

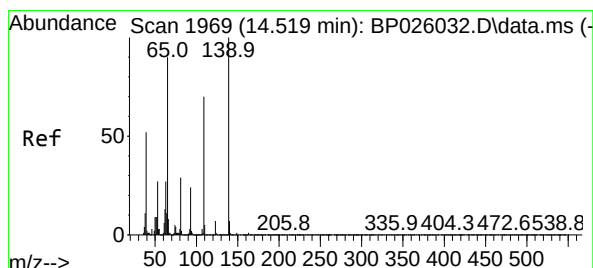
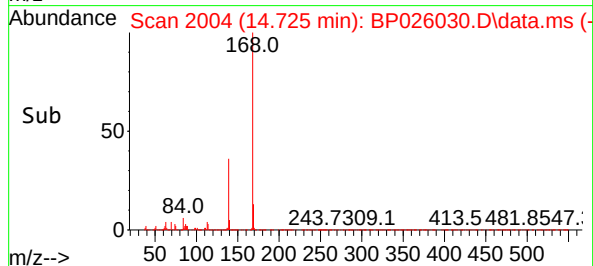
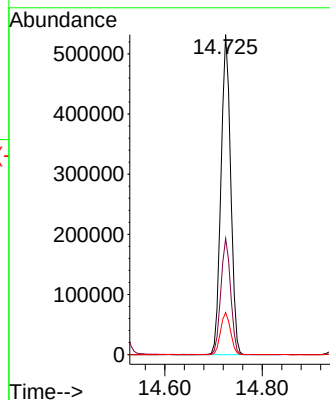
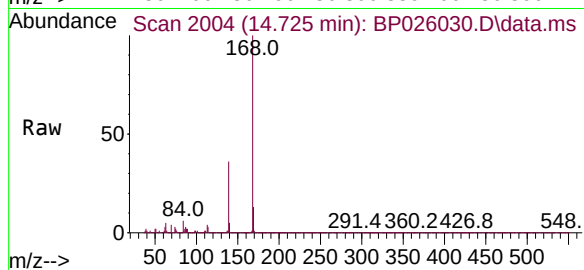
SSTDICC010

Tgt Ion:	168	Resp:	733645
Ion Ratio	Lower	Upper	
168	100		
139	36.3	29.7	44.5
169	13.1	11.0	16.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 9.565 ng

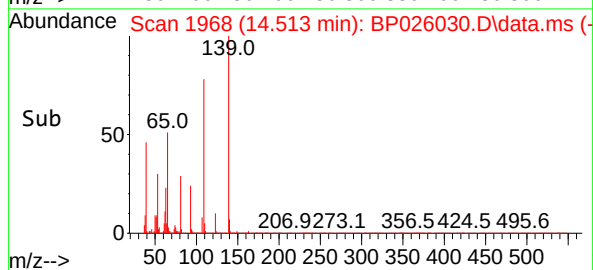
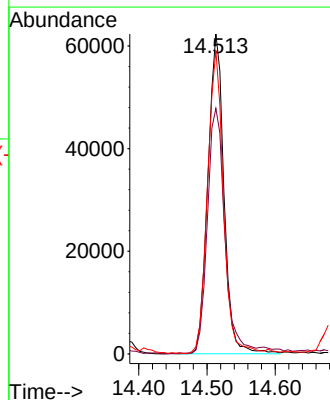
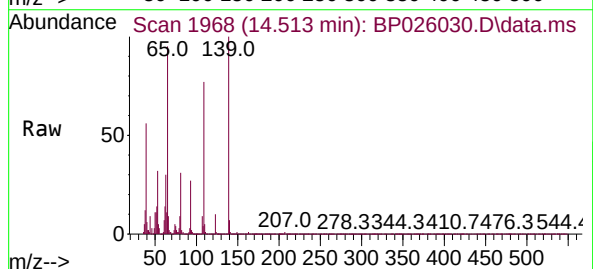
RT: 14.513 min Scan# 1968

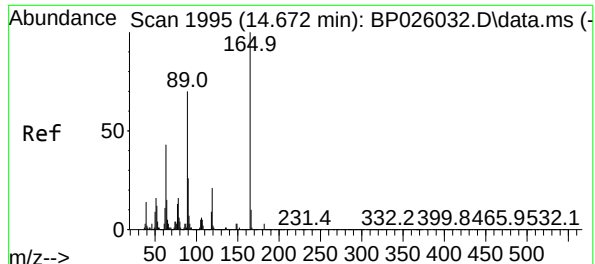
Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

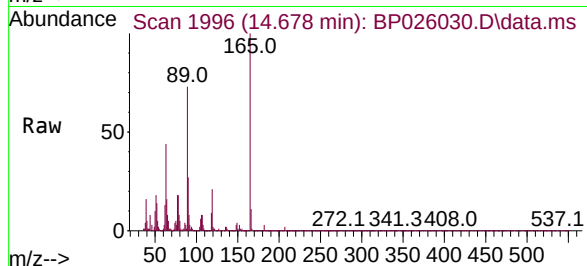
Tgt Ion:	139	Resp:	101905
Ion Ratio	Lower	Upper	
139	100		
109	76.7	50.0	90.0
65	94.9	69.6	109.6





#57
2,4-Dinitrotoluene
Concen: 9.727 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

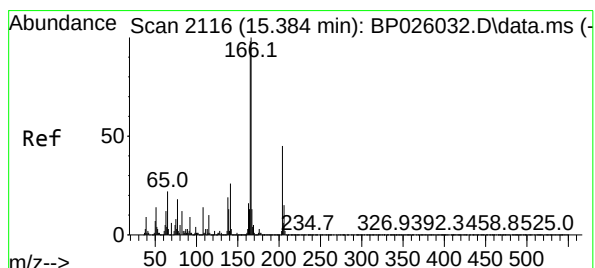
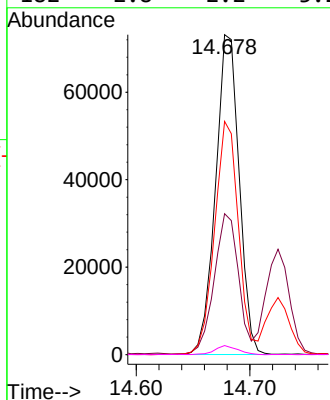
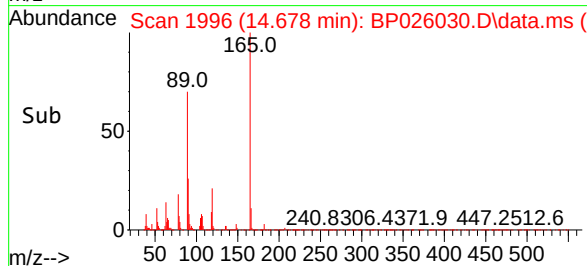
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 105824
Ion Ratio Lower Upper
165 100
63 44.0 34.2 51.2
89 72.9 56.0 84.0
182 2.8 2.2 3.2

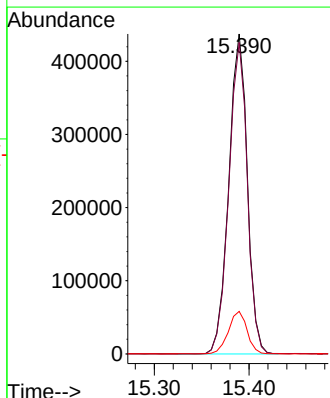
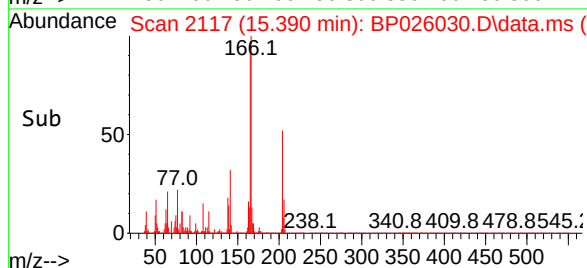
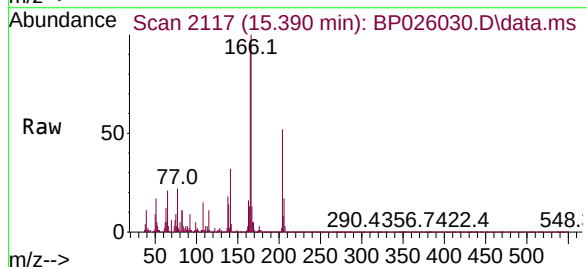
Manual Integrations
APPROVED

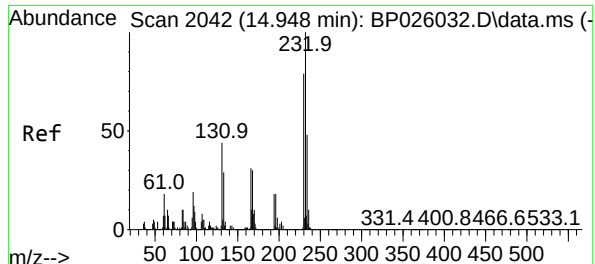
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 11.361 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:166 Resp: 595481
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.194 ng

RT: 14.954 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 111275

Ion Ratio Lower Upper

232 100

131 44.1 35.2 52.8

130 2.4 1.7 2.5

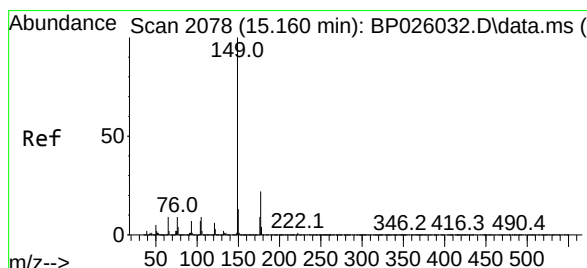
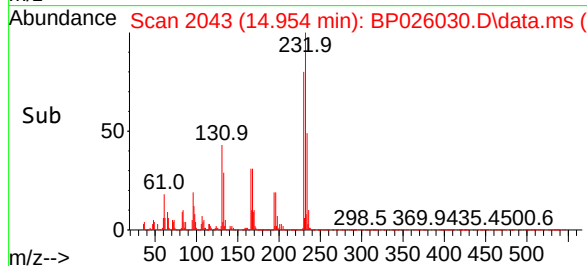
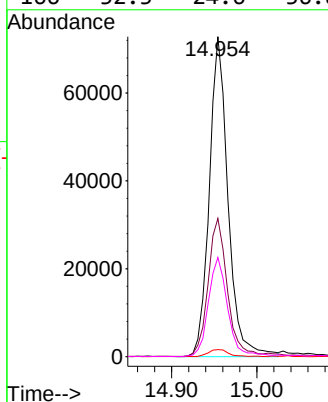
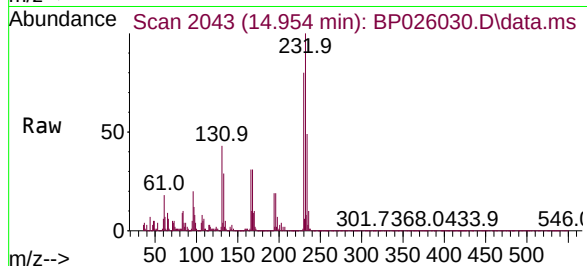
166 32.3 24.6 36.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#60

Diethylphthalate

Concen: 10.734 ng

RT: 15.166 min Scan# 2079

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

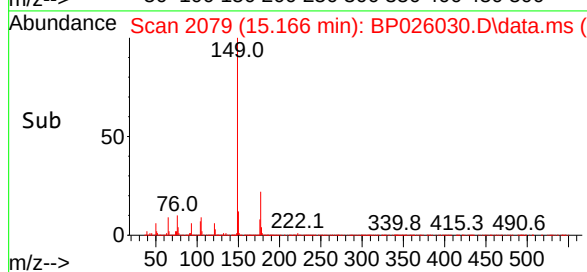
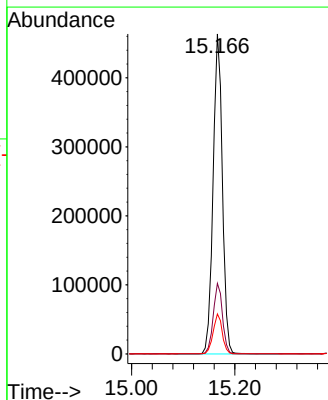
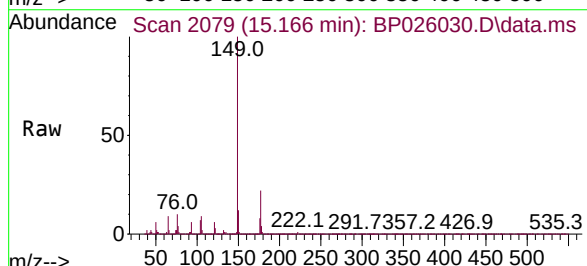
Tgt Ion:149 Resp: 576582

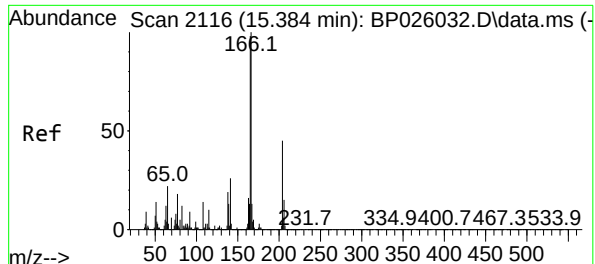
Ion Ratio Lower Upper

149 100

177 22.0 17.9 26.9

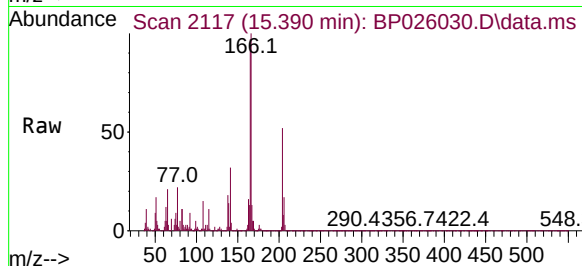
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 11.267 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

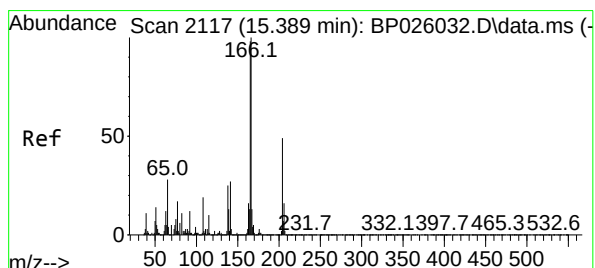
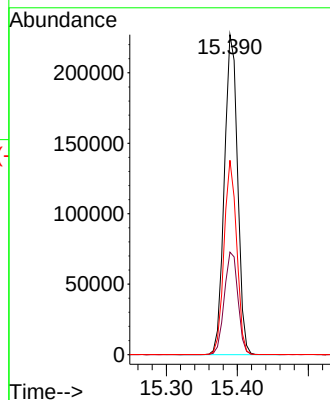
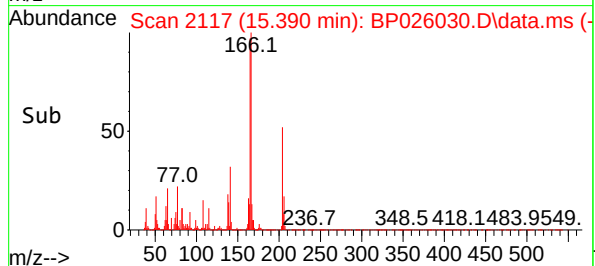
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 294916
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 60.7 47.0 70.4

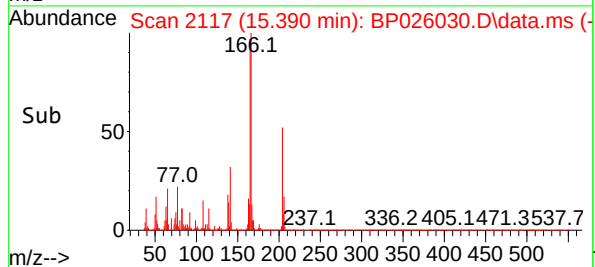
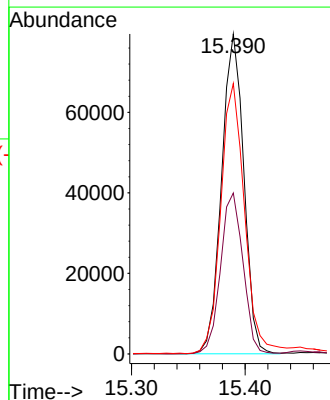
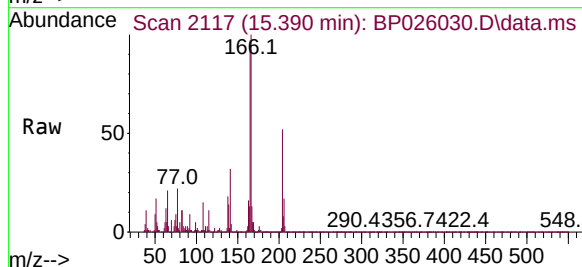
Manual Integrations
APPROVED

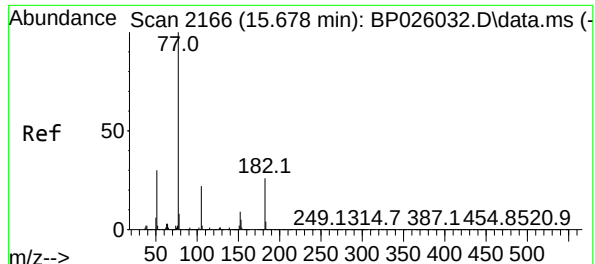
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 9.461 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

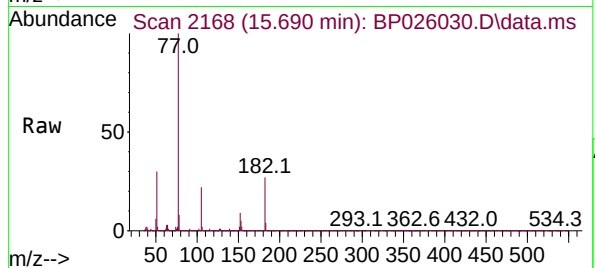
Tgt Ion:138 Resp: 108022
Ion Ratio Lower Upper
138 100
92 50.3 28.2 68.2
108 84.5 56.0 96.0





#63
Azobenzene
Concen: 11.130 ng
RT: 15.690 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

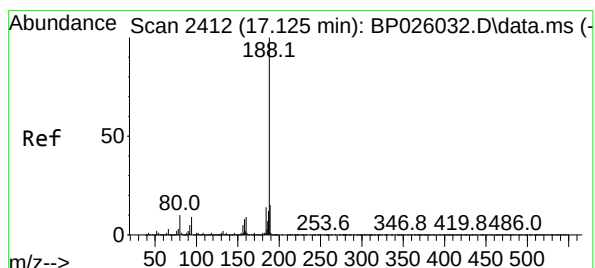
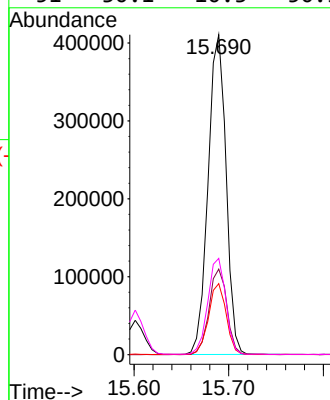
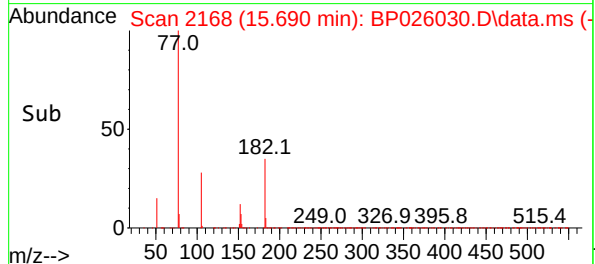
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 541815
Ion Ratio Lower Upper
77 100
182 26.7 6.4 46.4
105 22.2 2.2 42.2
51 30.1 10.3 50.3

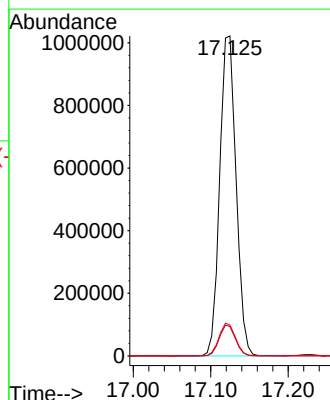
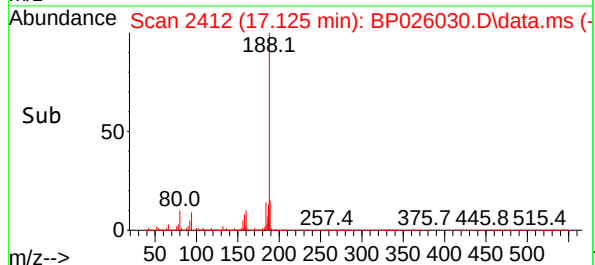
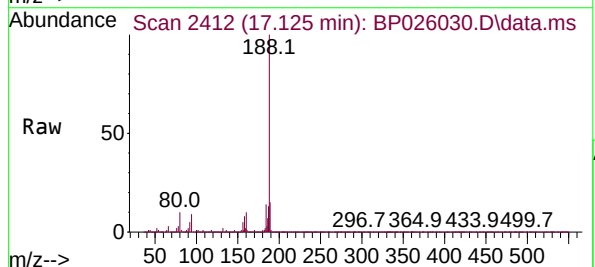
Manual Integrations
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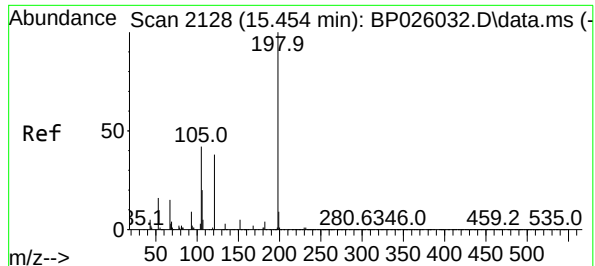
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:188 Resp: 1497196
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.7 7.9 11.9





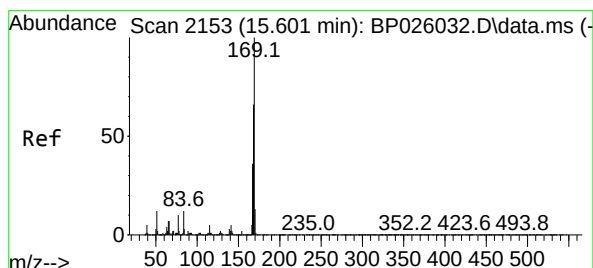
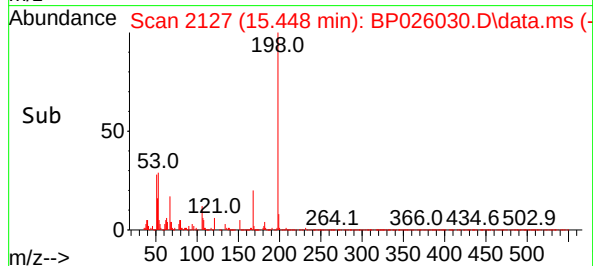
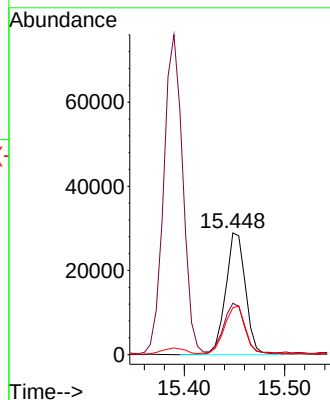
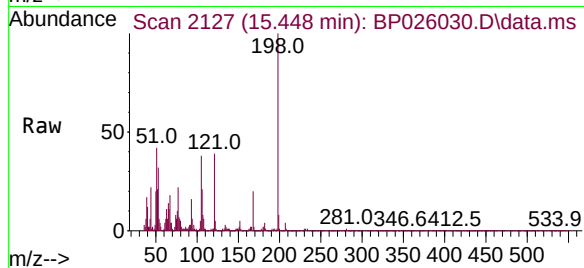
#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 39648
Ion Ratio Lower Upper
198 100
51 42.2 25.2 65.2
105 38.4 23.7 63.7

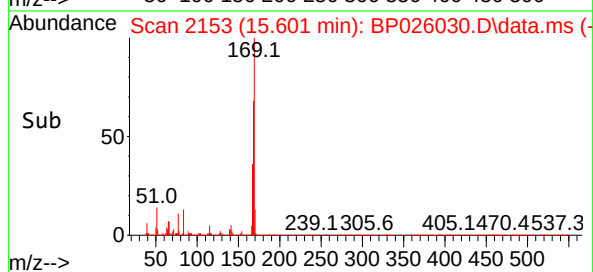
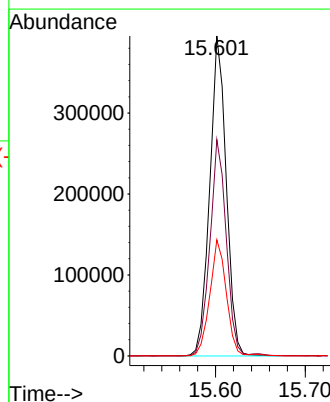
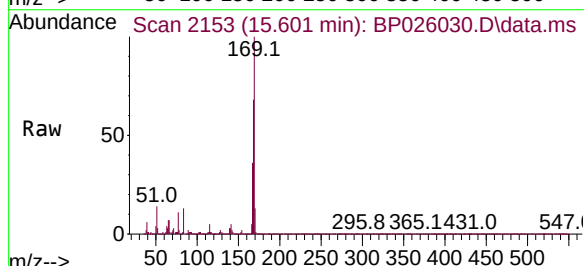
Manual Integrations
APPROVED

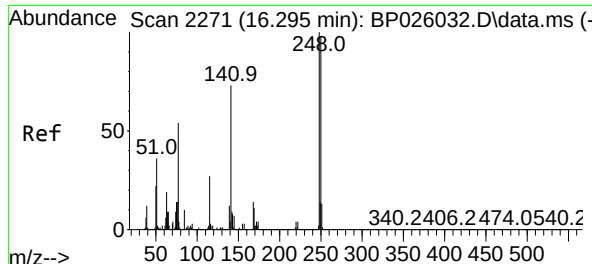
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 10.850 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:169 Resp: 507903
Ion Ratio Lower Upper
169 100
168 67.6 52.9 79.3
167 36.3 28.9 43.3





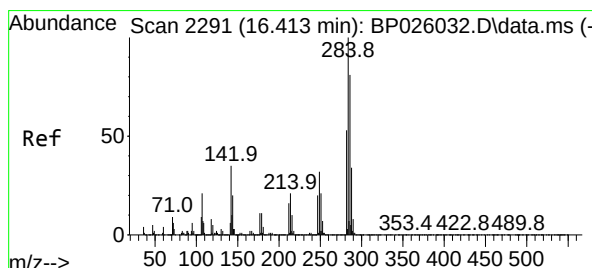
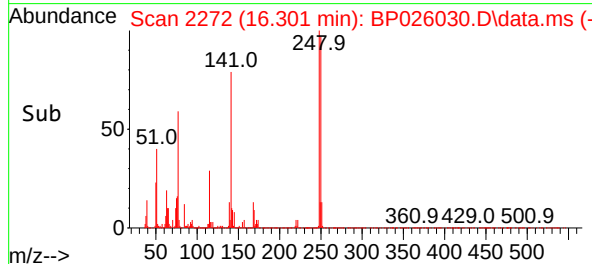
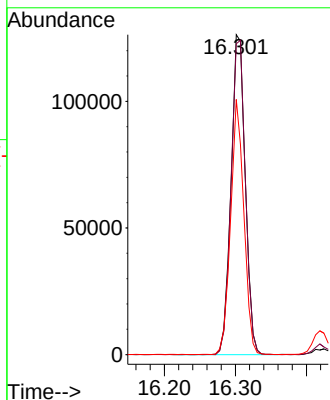
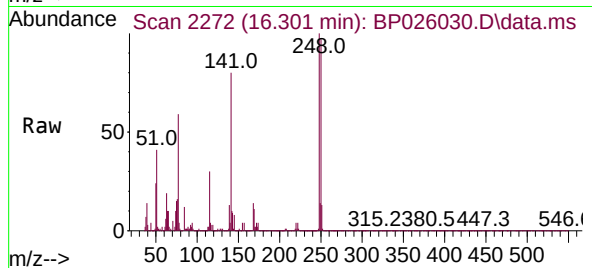
#67
4-Bromophenyl-phenylether
Concen: 10.547 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 248 Resp: 175158
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 79.7 58.3 87.5

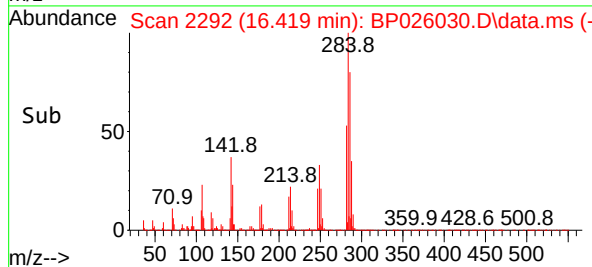
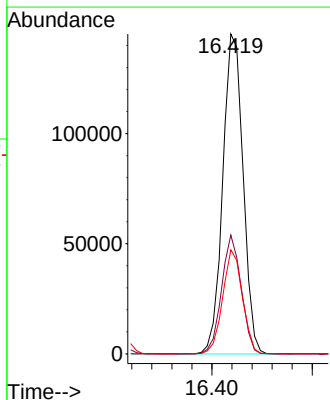
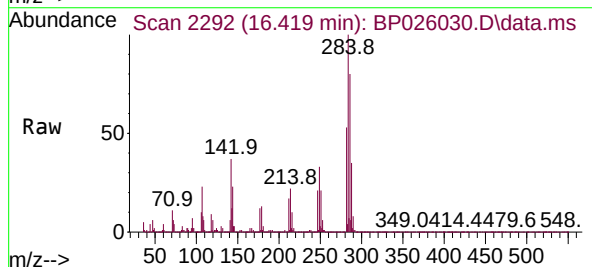
Manual Integrations
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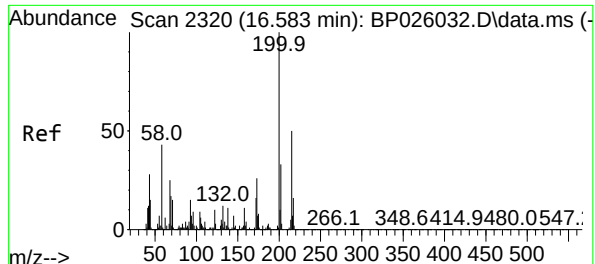
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 10.824 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 284 Resp: 204634
Ion Ratio Lower Upper
284 100
142 37.1 27.7 41.5
249 32.5 25.5 38.3





#69

Atrazine

Concen: 10.103 ng

RT: 16.578 min Scan# 2319

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 159536

Ion Ratio Lower Upper

200 100

173 26.9 6.2 46.2

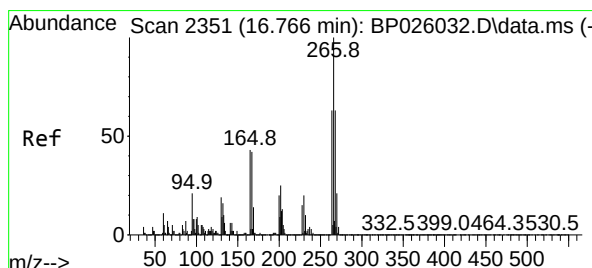
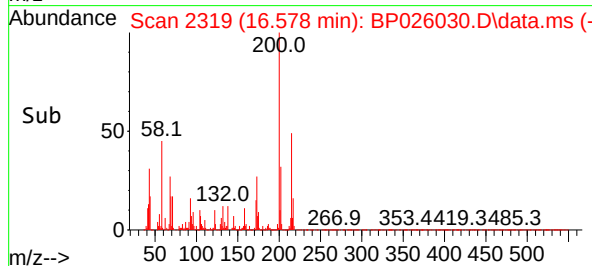
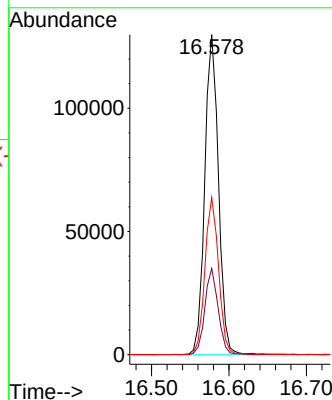
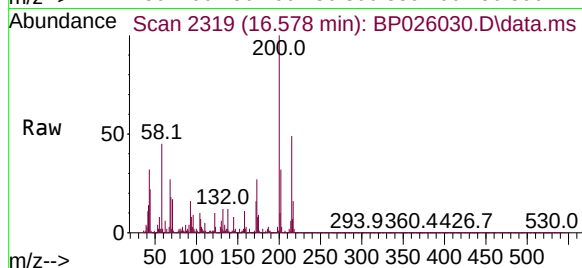
215 49.1 29.8 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 8.152 ng

RT: 16.766 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

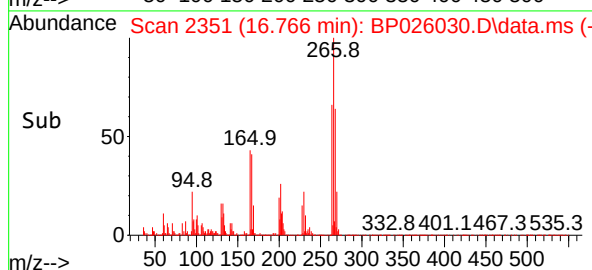
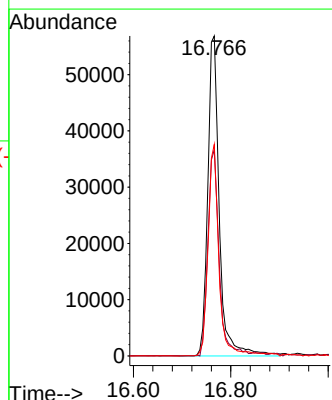
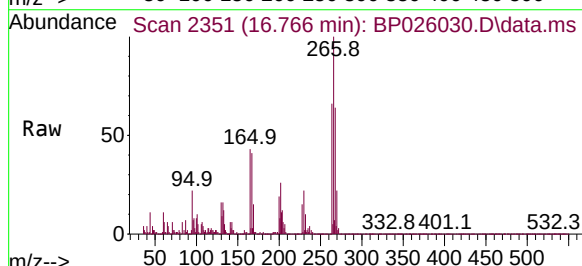
Tgt Ion:266 Resp: 94142

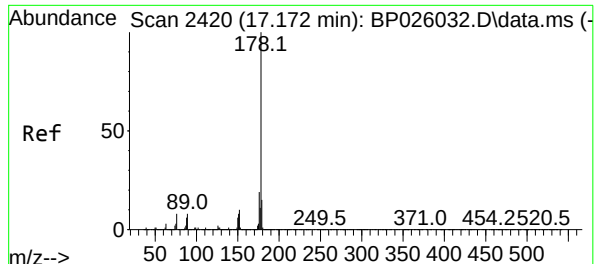
Ion Ratio Lower Upper

266 100

268 64.4 50.6 76.0

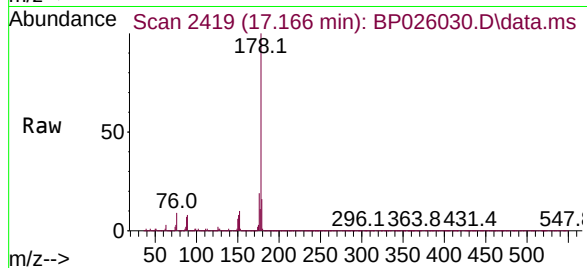
264 66.1 50.2 75.4





#71
Phenanthrene
Concen: 11.064 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

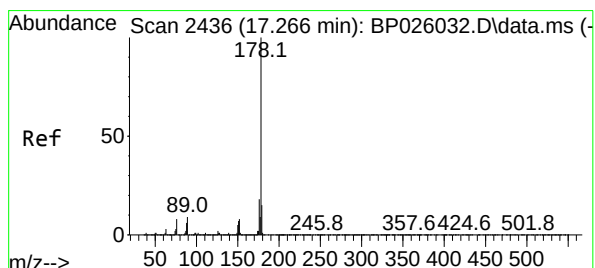
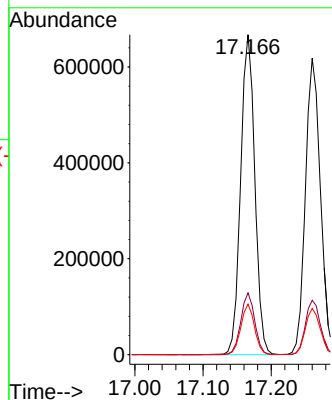
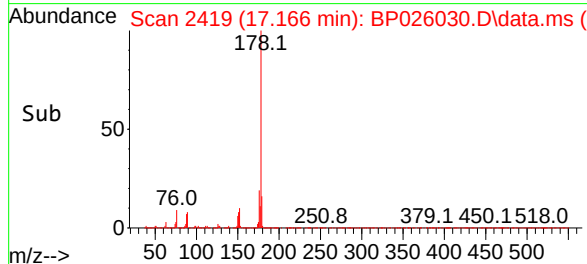
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 964196
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.8 12.3 18.5

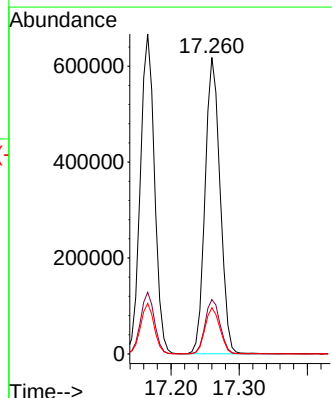
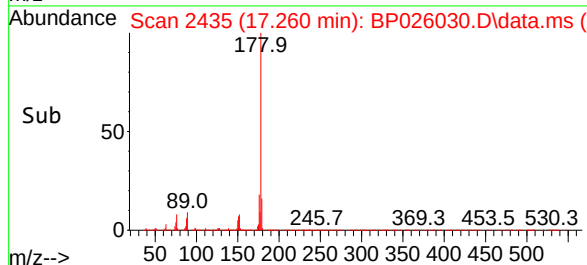
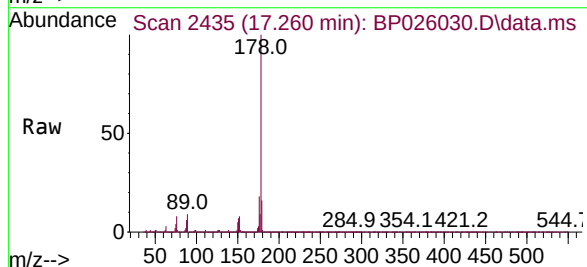
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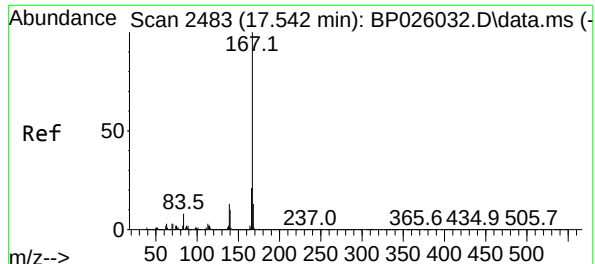
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 10.941 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

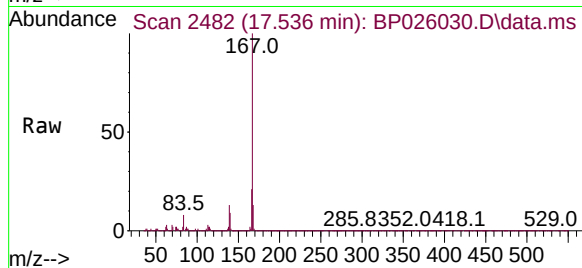
Tgt Ion:178 Resp: 945078
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 10.729 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

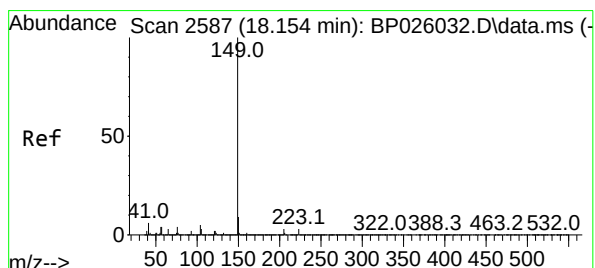
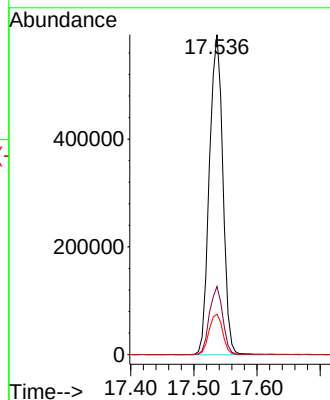
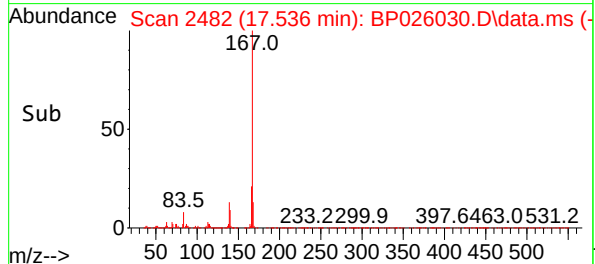
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 877310
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.6 10.2 15.2

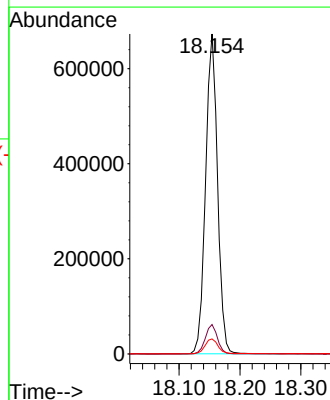
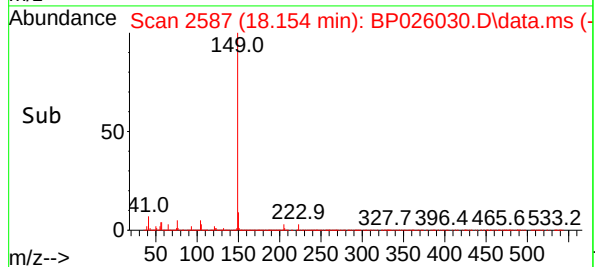
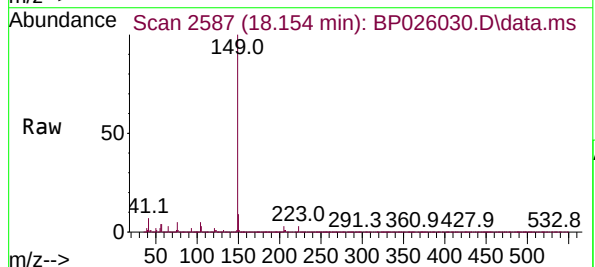
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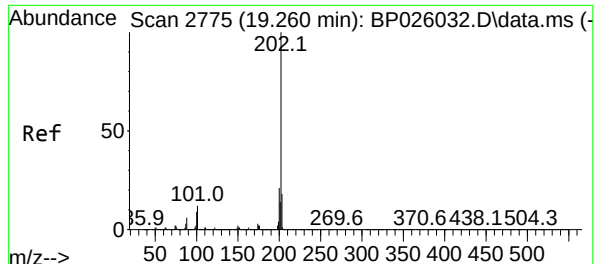
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 9.974 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

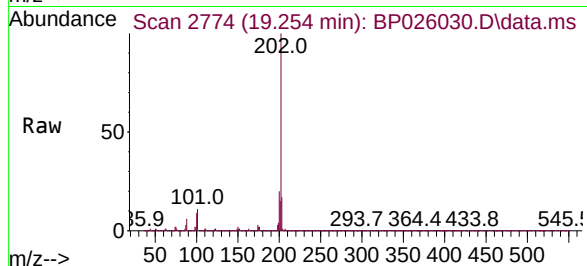
Tgt Ion:149 Resp: 912617
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 10.821 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

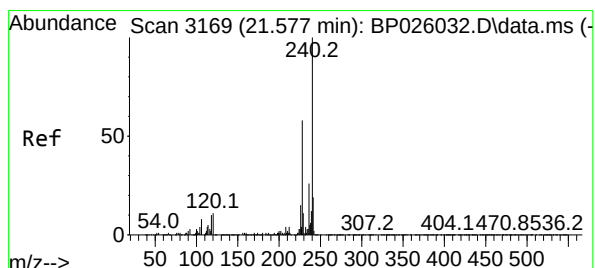
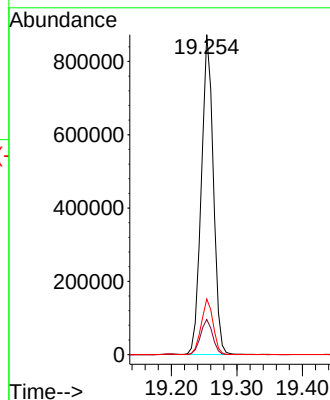
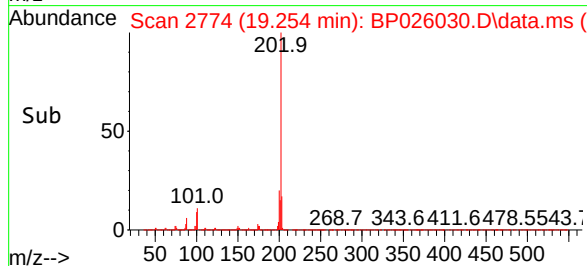
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 1100035
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.1
203 17.4 0.0 37.6

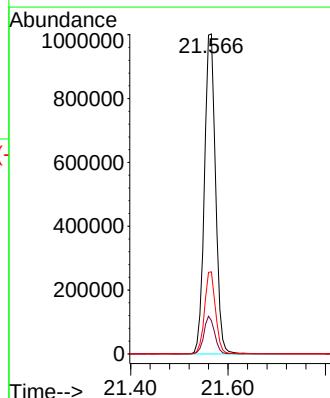
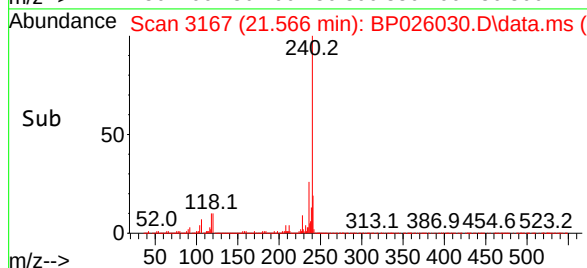
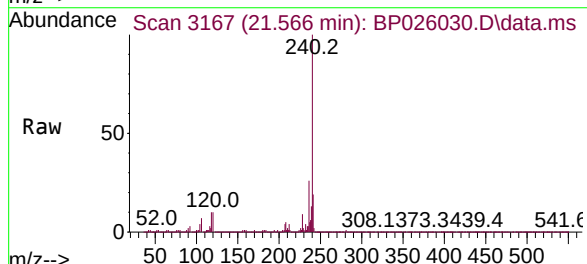
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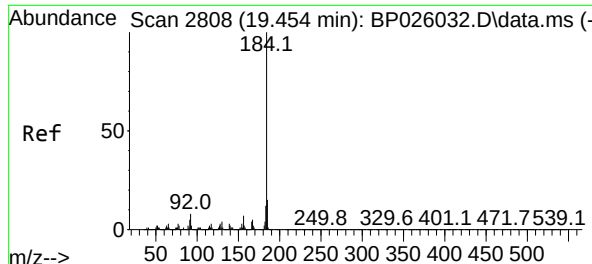
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:240 Resp: 1590140
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 20.6 31.0





#77

Benzidine

Concen: 8.106 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:184 Resp: 327160

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

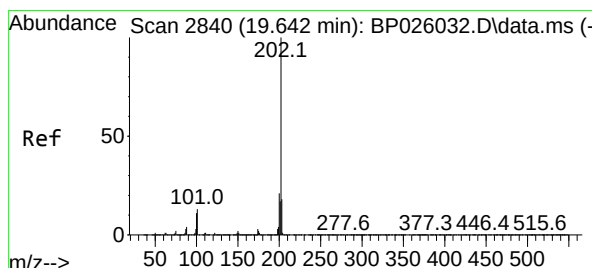
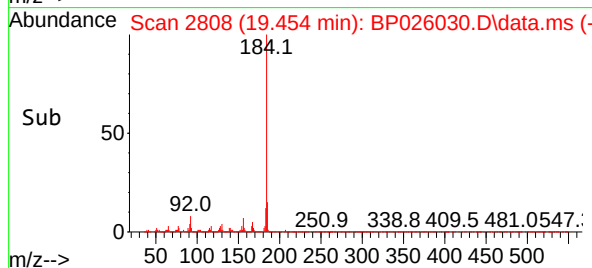
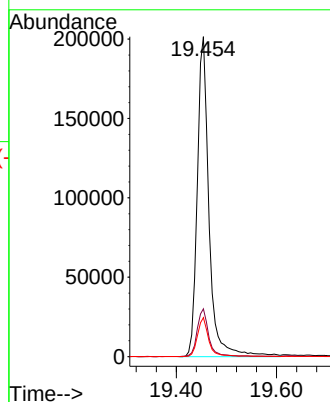
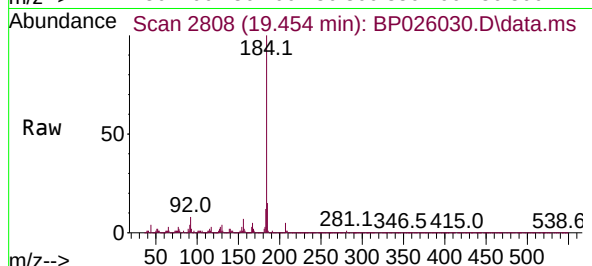
183 12.2 9.2 13.8

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#78

Pyrene

Concen: 10.997 ng

RT: 19.630 min Scan# 2838

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

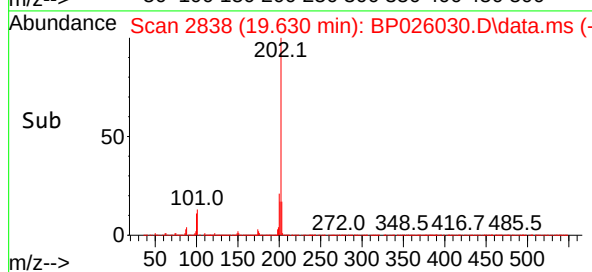
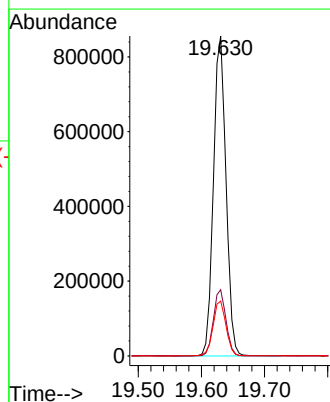
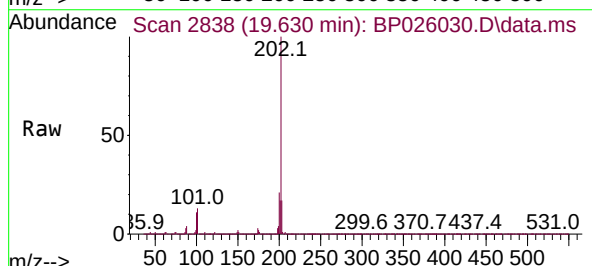
Tgt Ion:202 Resp: 1182711

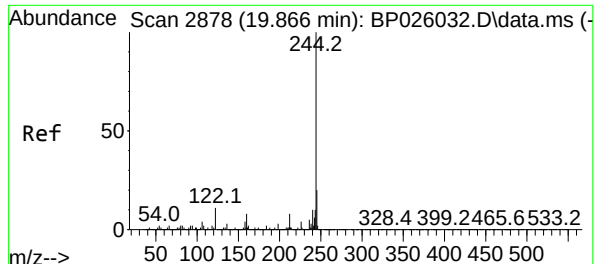
Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 22.846 ng

RT: 19.860 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 178811

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

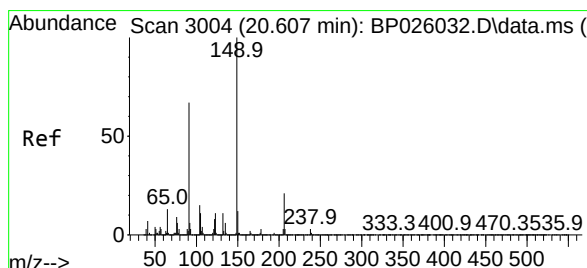
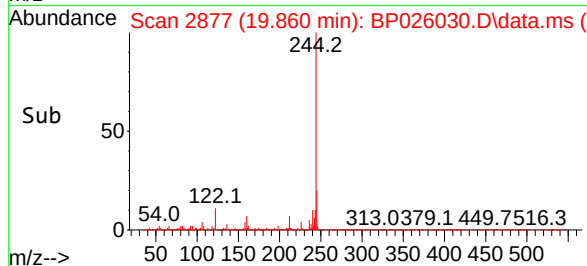
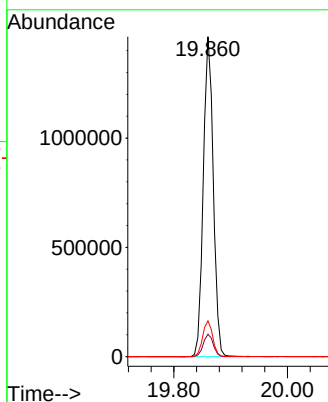
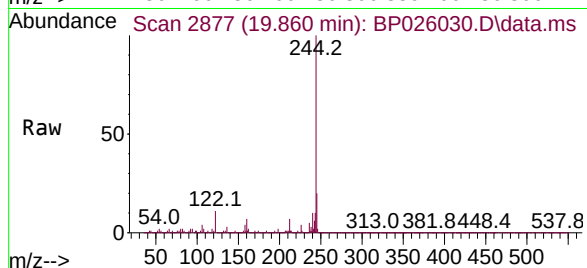
122 11.2 9.0 13.6

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#80

Butylbenzylphthalate

Concen: 9.589 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

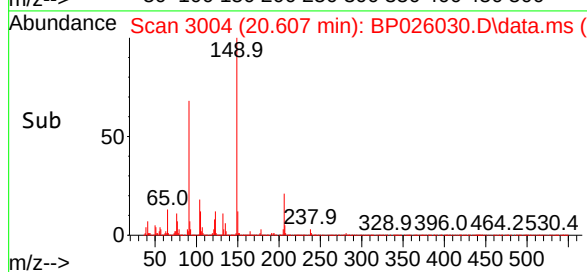
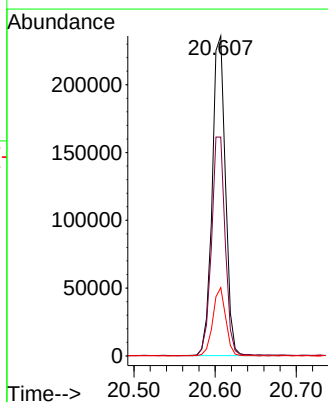
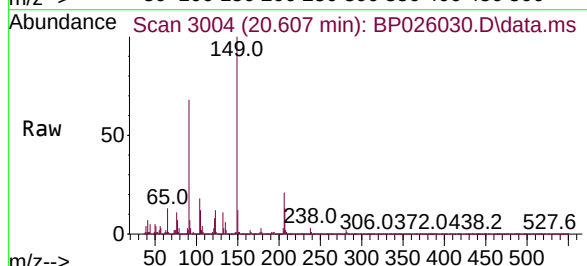
Tgt Ion:149 Resp: 267569

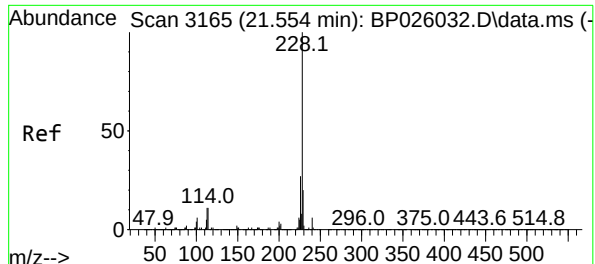
Ion Ratio Lower Upper

149 100

91 68.4 53.5 80.3

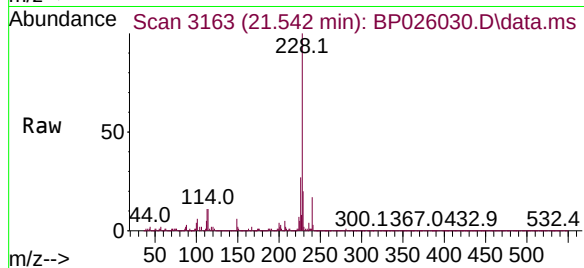
206 21.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 10.894 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

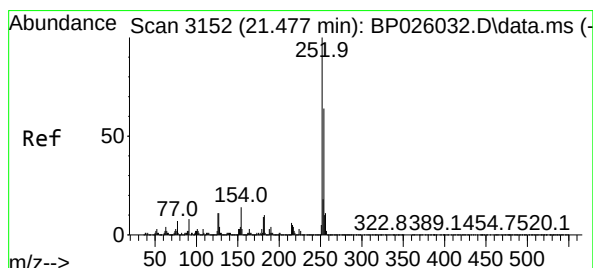
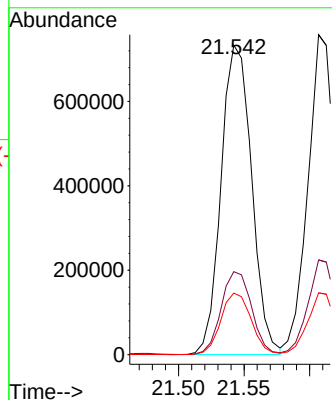
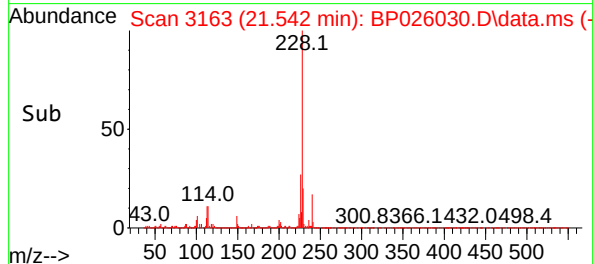
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 1190374
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.8 23.8

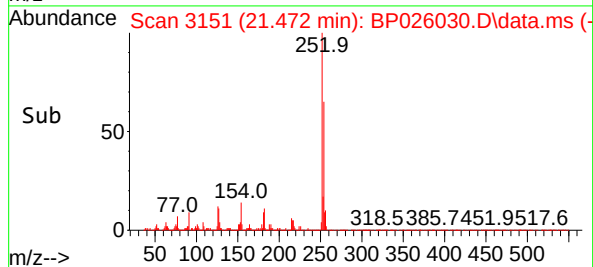
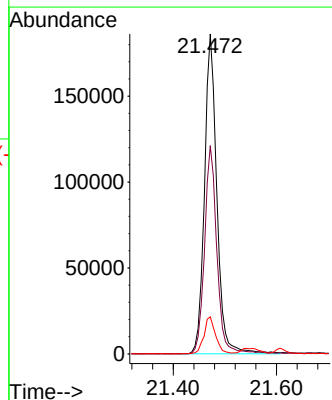
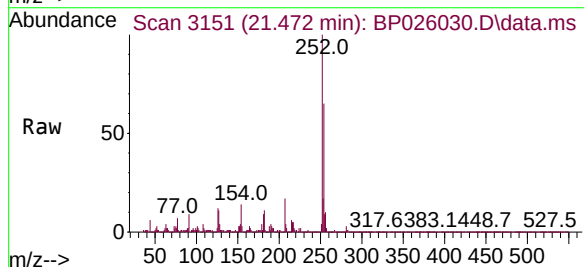
Manual Integrations
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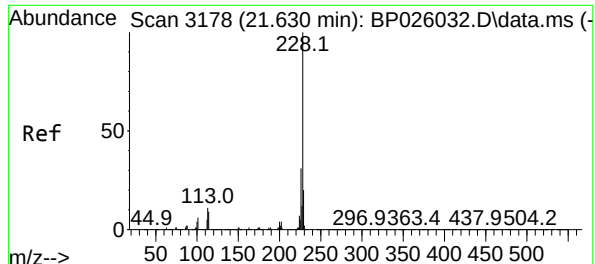
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.812 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:252 Resp: 310231
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.6 9.1 13.7





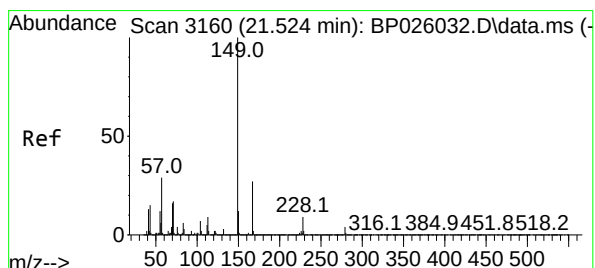
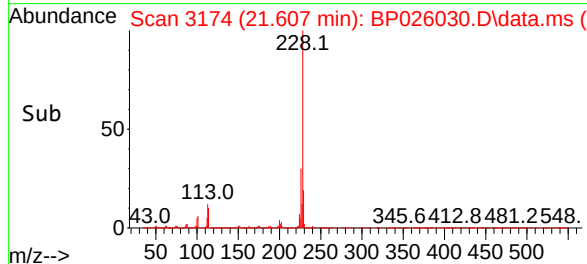
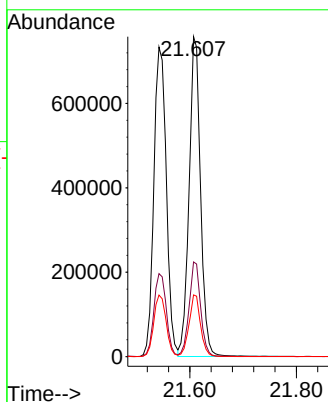
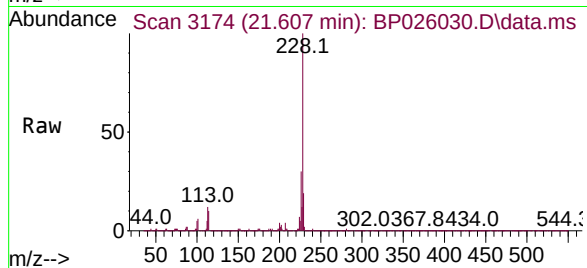
#83
Chrysene
Concen: 10.940 ng
RT: 21.607 min Scan# 3178
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1132388
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 19.3 16.0 24.0

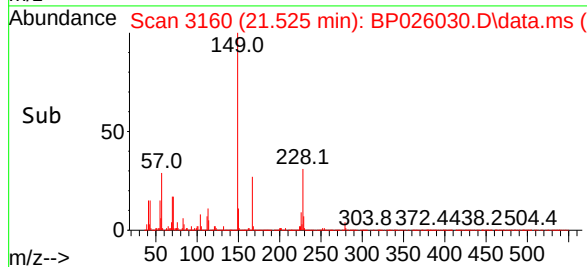
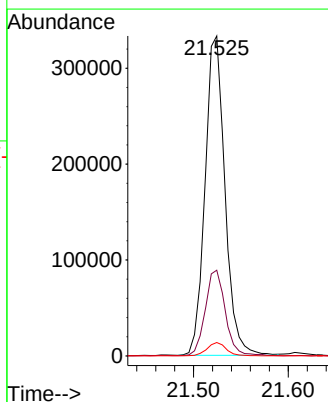
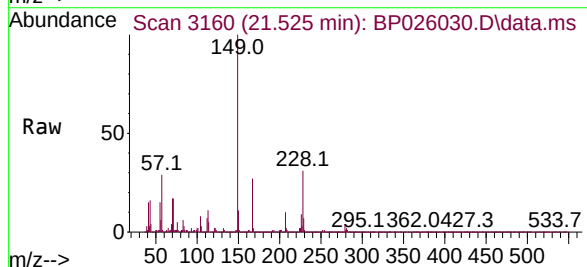
Manual Integrations
APPROVED

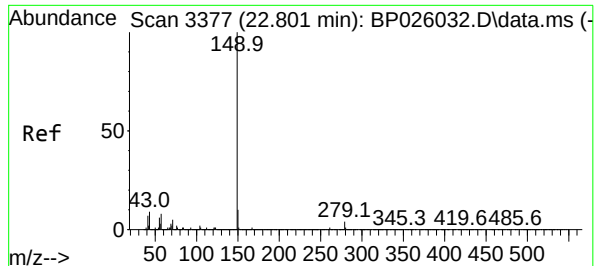
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.805 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

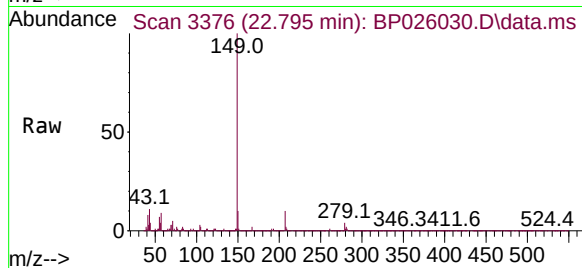
Tgt Ion:149 Resp: 487334
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 6.903 ng
RT: 22.795 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

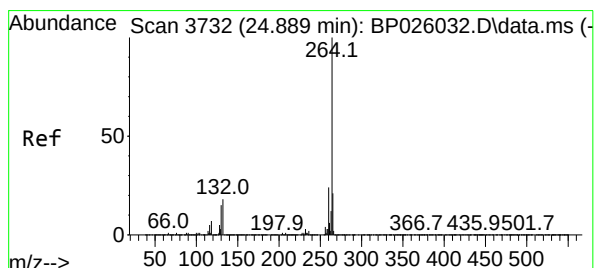
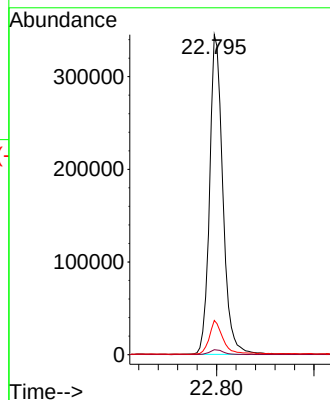
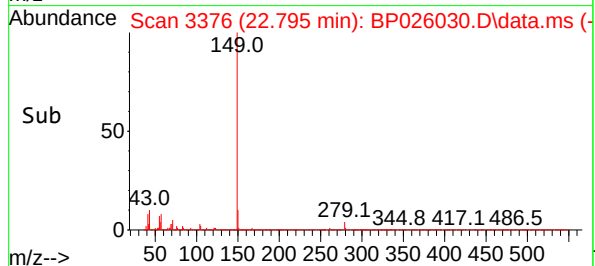
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 653399
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 7.6 11.4

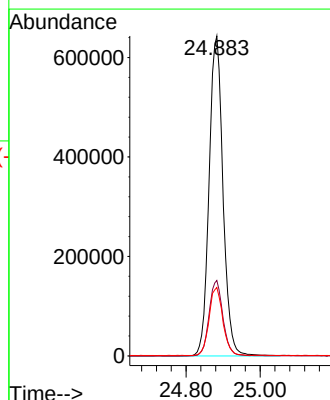
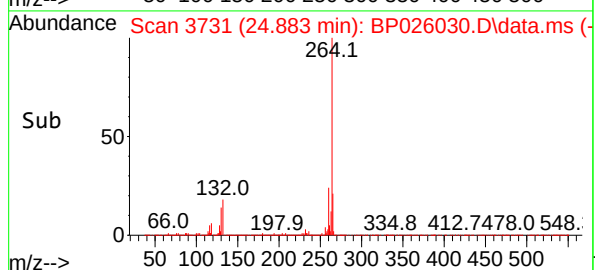
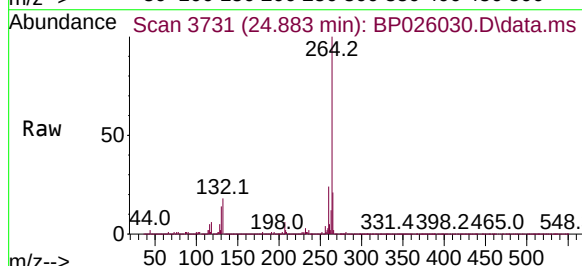
Manual Integrations
APPROVED

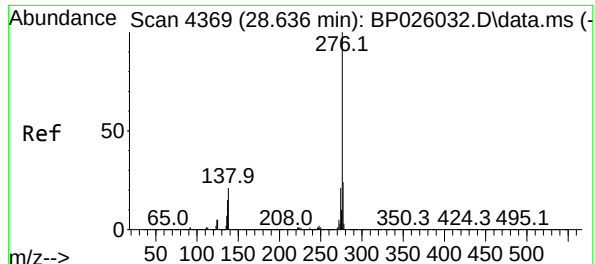
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:264 Resp: 1674719
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.070 ng m

RT: 28.618 min Scan# 4369

Delta R.T. -0.041 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 1244503

Ion Ratio Lower Upper

276 100

138 16.1 13.2 19.8

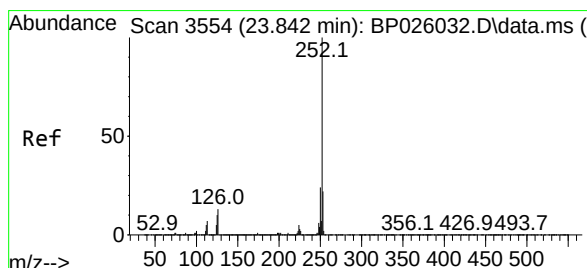
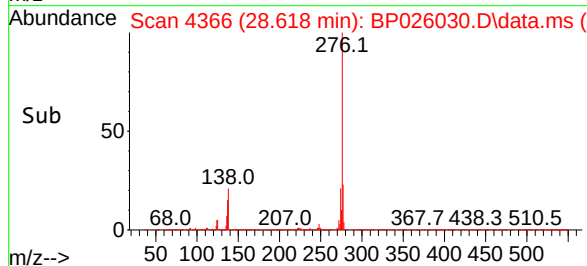
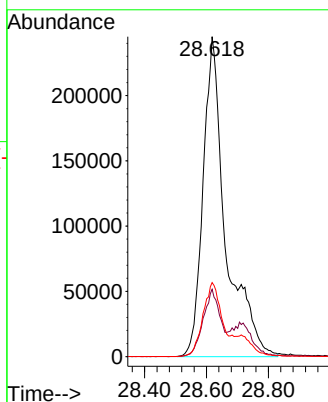
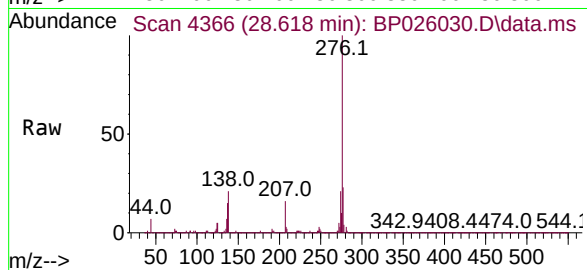
277 20.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#88

Benzo(b)fluoranthene

Concen: 10.284 ng

RT: 23.830 min Scan# 3552

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

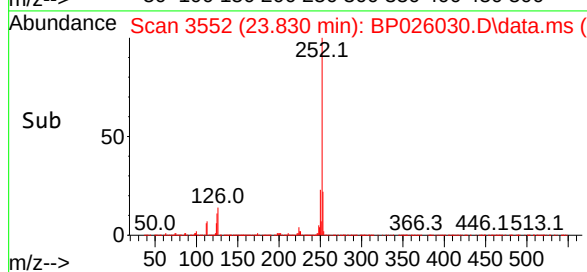
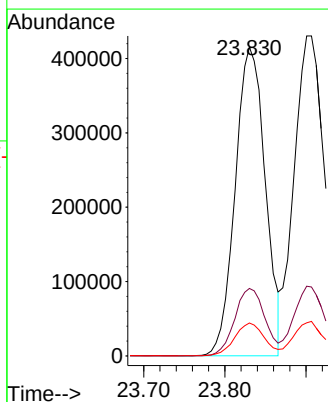
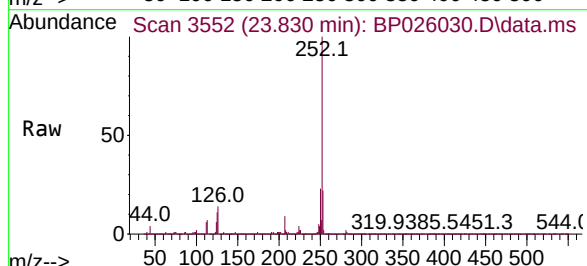
Tgt Ion:252 Resp: 1069169

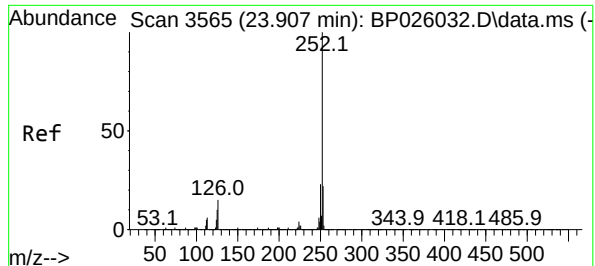
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 10.769 ng

RT: 23.901 min Scan# 3565

Delta R.T. -0.023 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 1143258

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

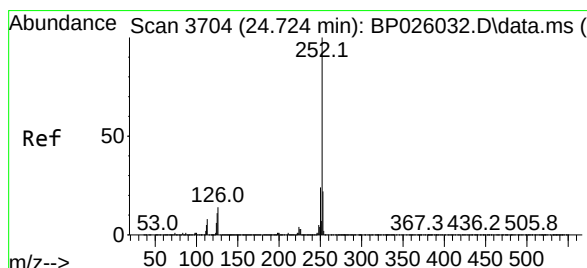
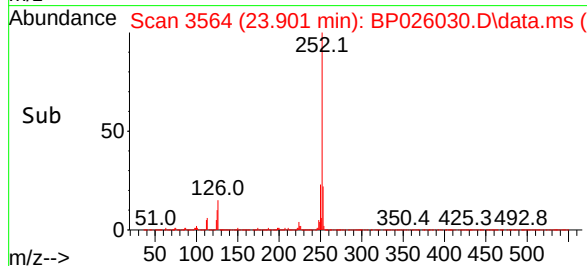
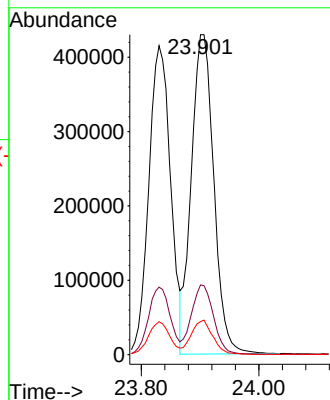
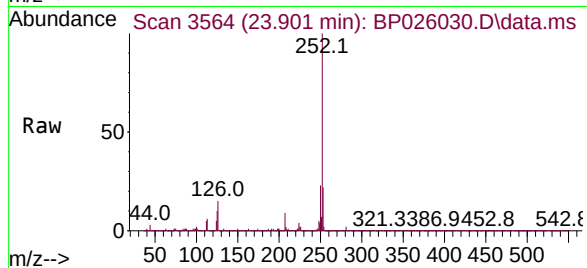
125 10.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 10.247 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

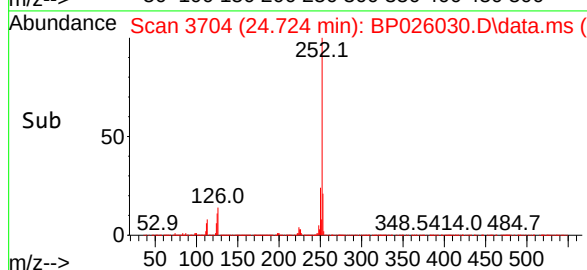
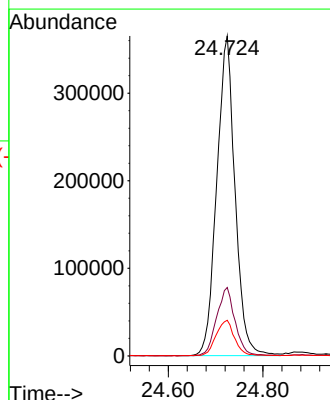
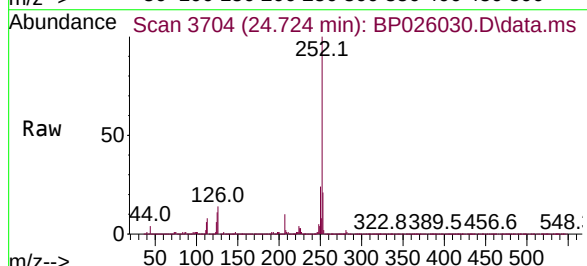
Tgt Ion:252 Resp: 978750

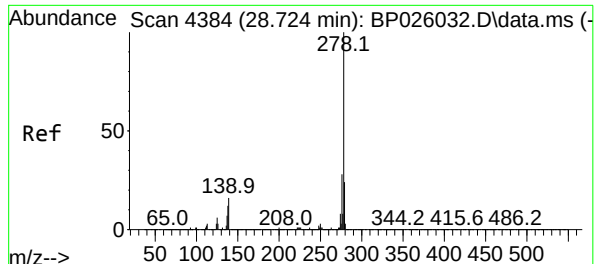
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

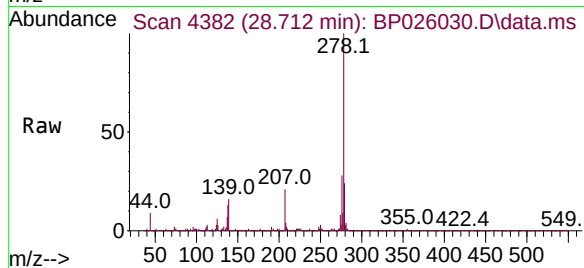
125 11.2 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 10.142 ng
RT: 28.712 min Scan# 4384
Delta R.T. -0.035 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

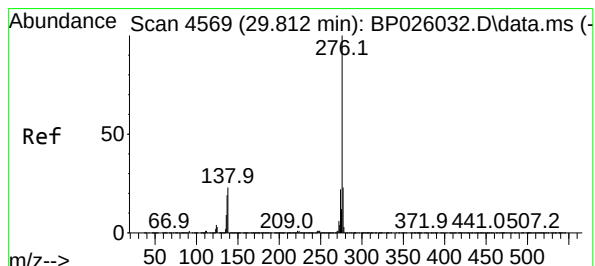
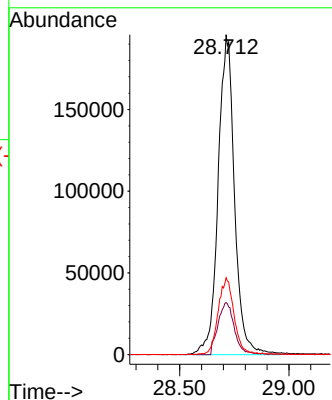
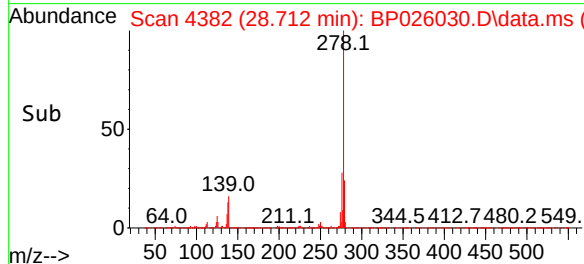
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 1020484
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.6
279 24.0 18.9 28.3

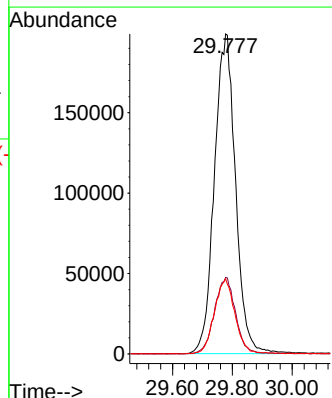
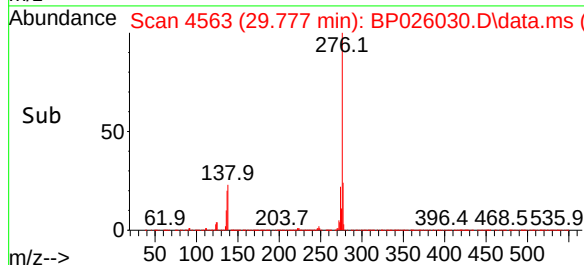
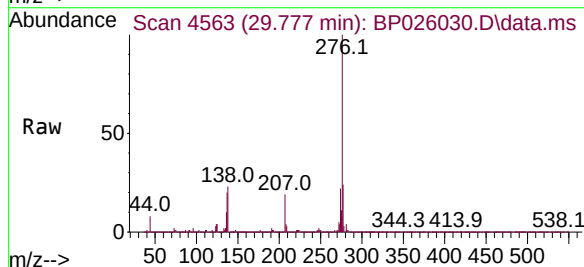
Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 10.093 ng
RT: 29.777 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:276 Resp: 977235
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 23.4 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026031.D
 Acq On : 29 Oct 2025 11:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	347170	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1426046	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	884189	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1764983	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1935916	20.000	ng	0.01
86) Perylene-d12	24.889	264	2082873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	856596	40.714	ng	0.00
7) Phenol-d6	6.849	99	1092661	40.803	ng	0.00
23) Nitrobenzene-d5	8.819	82	931308	40.712	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	385788	40.359	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2570497	41.774	ng	-0.01
79) Terphenyl-d14	19.860	244	3920732	41.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.237	88	180212	20.318	ng	100
3) Pyridine	3.625	79	516467	20.483	ng	99
4) n-Nitrosodimethylamine	3.537	42	205014	20.287	ng	99
6) Aniline	7.013	93	735067	20.567	ng	100
8) 2-Chlorophenol	7.255	128	470651	20.201	ng	97
9) Benzaldehyde	6.831	77	325513m	23.383	ng	
10) Phenol	6.878	94	607568	20.436	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	476458	20.308	ng	99
12) 1,3-Dichlorobenzene	7.578	146	545717	20.396	ng	100
13) 1,4-Dichlorobenzene	7.719	146	550164	20.337	ng	100
14) 1,2-Dichlorobenzene	8.031	146	526607	20.400	ng	98
15) Benzyl Alcohol	7.913	79	381569	19.765	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	729715	20.579	ng	100
17) 2-Methylphenol	8.113	107	397383	20.413	ng	99
18) Hexachloroethane	8.760	117	185631	20.053	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	352850	21.226	ng	99
20) 3+4-Methylphenols	8.437	107	540688	19.965	ng	99
22) Acetophenone	8.484	105	739513	20.505	ng	99
24) Nitrobenzene	8.860	77	492888	20.407	ng	98
25) Isophorone	9.378	82	1005233	20.531	ng	99
26) 2-Nitrophenol	9.566	139	152813	18.908	ng	99
27) 2,4-Dimethylphenol	9.625	122	401111	19.481	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	622000	20.157	ng	99
29) 2,4-Dichlorophenol	10.090	162	438904	20.189	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	480041	20.315	ng	98
31) Naphthalene	10.496	128	1598863	20.560	ng	100
32) Benzoic acid	9.713	122	181442	19.682	ng	97
33) 4-Chloroaniline	10.596	127	609114	20.383	ng	99
34) Hexachlorobutadiene	10.796	225	298535	19.881	ng	98
35) Caprolactam	11.343	113	146841	19.234	ng	97
36) 4-Chloro-3-methylphenol	11.719	107	464170	20.367	ng	99
37) 2-Methylnaphthalene	12.107	142	1100141	20.213	ng	99
38) 1-Methylnaphthalene	12.331	142	1075202	20.334	ng	98
40) 1,2,4,5-Tetrachloroben...	12.484	216	562803	20.486	ng	100
41) Hexachlorocyclopentadiene	12.472	237	175347	17.444	ng	100
43) 2,4,6-Trichlorophenol	12.725	196	328962	20.258	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026031.D
 Acq On : 29 Oct 2025 11:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	375399	20.260	ng	97
46) 1,1'-Biphenyl	13.137	154	1394592	20.599	ng	100
47) 2-Chloronaphthalene	13.172	162	1103115	20.709	ng	99
48) 2-Nitroaniline	13.366	65	237733	19.391	ng	98
49) Acenaphthylene	14.031	152	1619778	20.863	ng	100
50) Dimethylphthalate	13.766	163	1318220	20.496	ng	100
51) 2,6-Dinitrotoluene	13.872	165	206491	19.266	ng	96
52) Acenaphthene	14.372	154	1102148	20.678	ng	100
53) 3-Nitroaniline	14.201	138	261900	19.720	ng	99
54) 2,4-Dinitrophenol	14.407	184	72866	20.106	ng	93
55) Dibenzofuran	14.713	168	1667180	20.703	ng	99
56) 4-Nitrophenol	14.507	139	273512	21.327	ng	97
57) 2,4-Dinitrotoluene	14.666	165	300694	19.242	ng	99
58) Fluorene	15.378	166	1326773	21.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	293495	20.145	ng	99
60) Diethylphthalate	15.154	149	1311790	20.288	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	650778	20.656	ng	100
62) 4-Nitroaniline	15.378	138	290147	21.112	ng	98
63) Azobenzene	15.678	77	1206973	20.597	ng	98
65) 4,6-Dinitro-2-methylph...	15.448	198	113887	20.196	ng	99
66) n-Nitrosodiphenylamine	15.590	169	1131476	20.503	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	391458	19.995	ng	99
68) Hexachlorobenzene	16.407	284	452701	20.312	ng	98
69) Atrazine	16.572	200	389382	20.916	ng	96
70) Pentachlorophenol	16.754	266	252504	18.548	ng	99
71) Phenanthrene	17.166	178	2134410	20.777	ng	100
72) Anthracene	17.254	178	2109900	20.719	ng	100
73) Carbazole	17.536	167	2054988	21.318	ng	99
74) Di-n-butylphthalate	18.148	149	2189917	20.303	ng	100
75) Fluoranthene	19.254	202	2516802	21.002	ng	99
77) Benzidine	19.454	184	984237	20.030	ng	99
78) Pyrene	19.630	202	2700976	20.628	ng	100
80) Butylbenzylphthalate	20.607	149	787044	18.358	ng	98
81) Benzo(a)anthracene	21.554	228	2723711	20.474	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	821245	19.160	ng	100
83) Chrysene	21.624	228	2610441	20.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1336224	18.694	ng	100
85) Di-n-octyl phthalate	22.807	149	1984874	17.224	ng	99
87) Indeno(1,2,3-cd)pyrene	28.648	276	3205879m	20.856	ng	
88) Benzo(b)fluoranthene	23.836	252	2661543	20.584	ng	100
89) Benzo(k)fluoranthene	23.907	252	2720350	20.602	ng	99
90) Benzo(a)pyrene	24.724	252	2440075	20.541	ng	100
91) Dibenzo(a,h)anthracene	28.730	278	2601046	20.785	ng	99
92) Benzo(g,h,i)perylene	29.806	276	2538211	21.078	ng	99

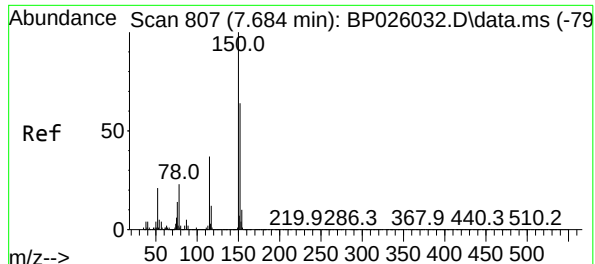
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025





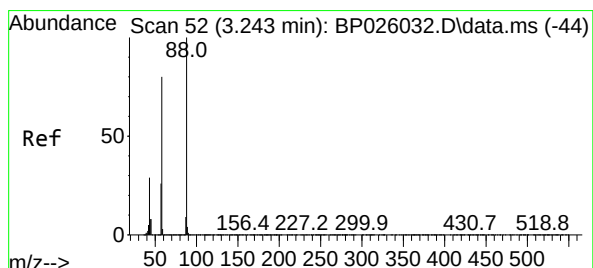
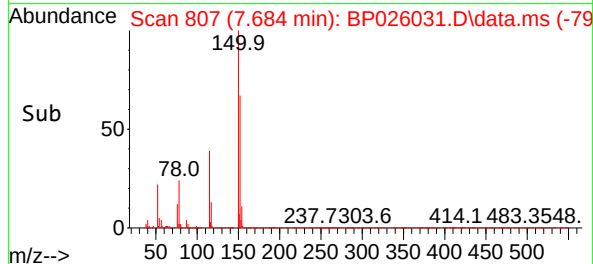
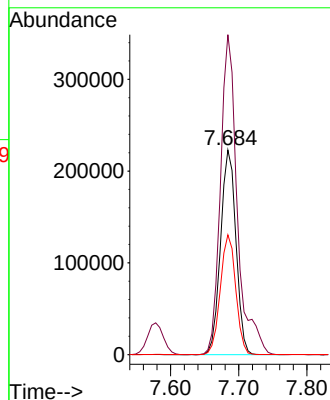
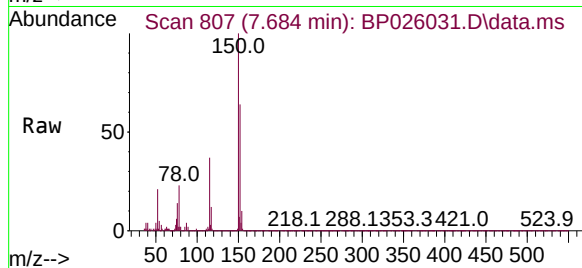
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 152 Resp: 347170
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 58.6 46.4 69.6

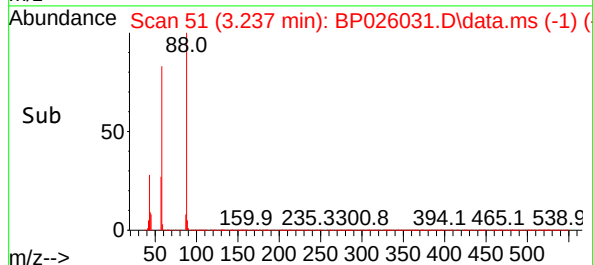
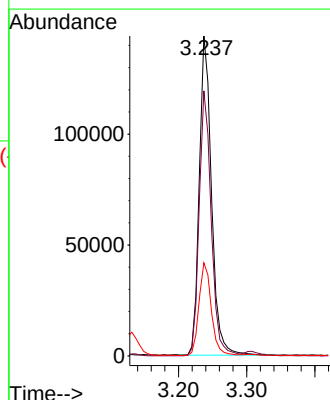
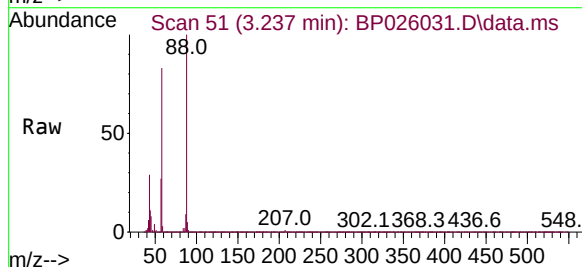
Manual Integrations
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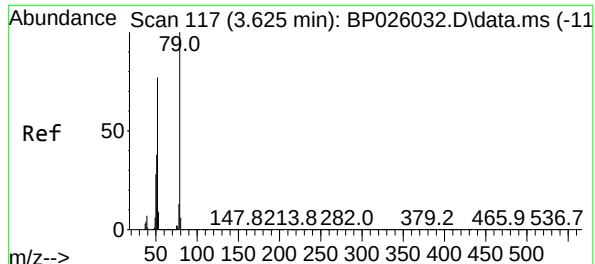
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 20.318 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 88 Resp: 180212
Ion Ratio Lower Upper
88 100
58 81.6 65.4 98.0
43 29.2 23.1 34.7





#3

Pyridine

Concen: 20.483 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

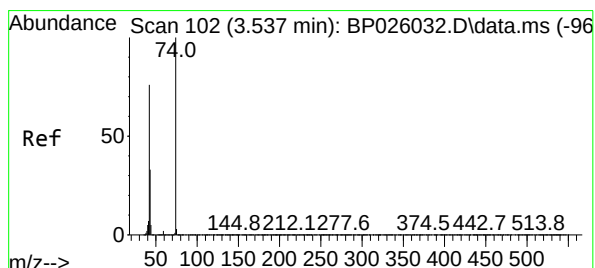
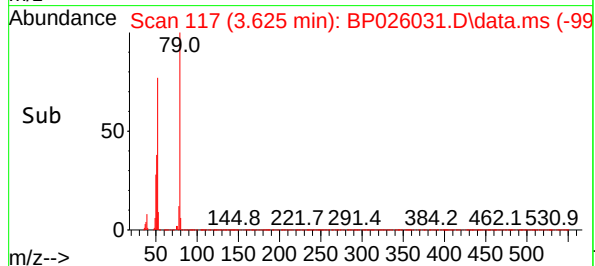
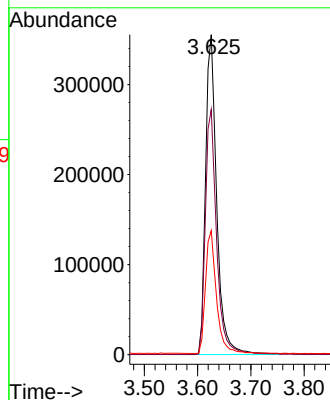
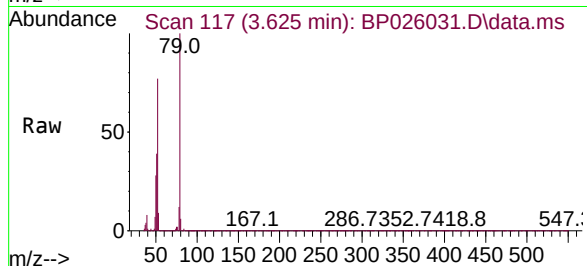
SSTDICC020

Tgt Ion: 79	Resp: 51646
Ion Ratio	Lower Upper
79 100	
52 76.6	62.0 93.0
51 38.7	30.6 46.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#4

n-Nitrosodimethylamine

Concen: 20.287 ng

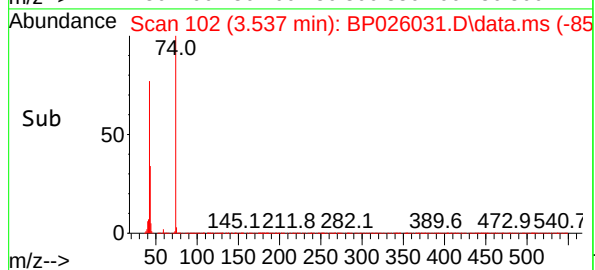
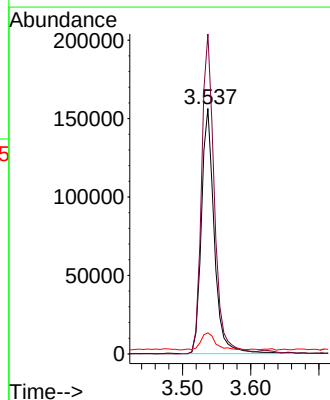
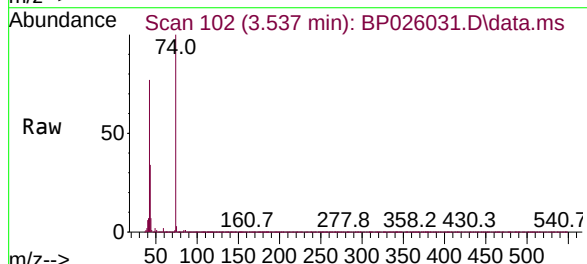
RT: 3.537 min Scan# 102

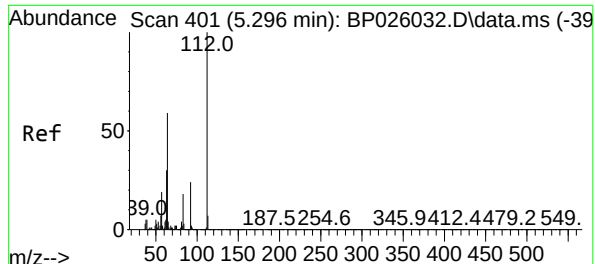
Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion: 42	Resp: 205014
Ion Ratio	Lower Upper
42 100	
74 130.4	105.7 158.5
44 8.6	6.6 9.8





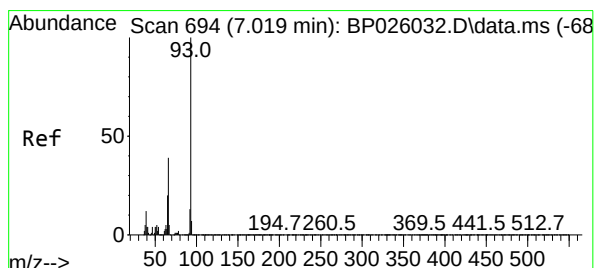
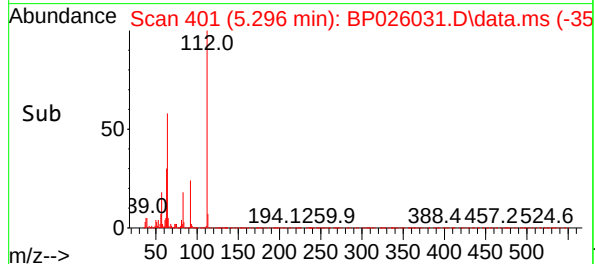
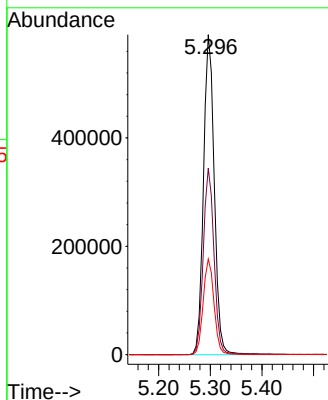
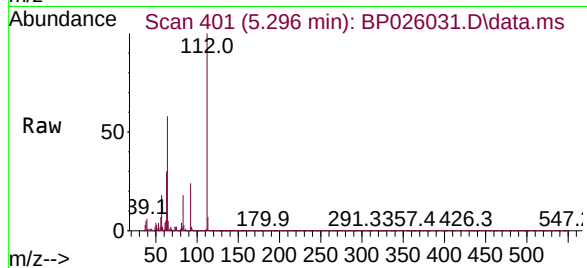
#5
2-Fluorophenol
Concen: 40.714 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 856596
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.2
63 29.9 24.2 36.4

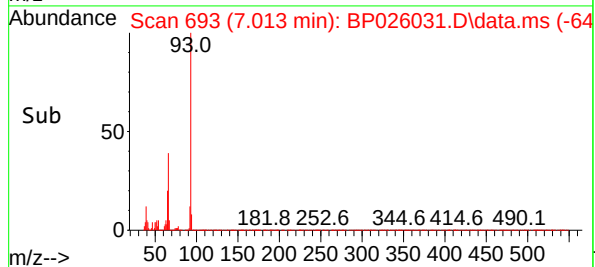
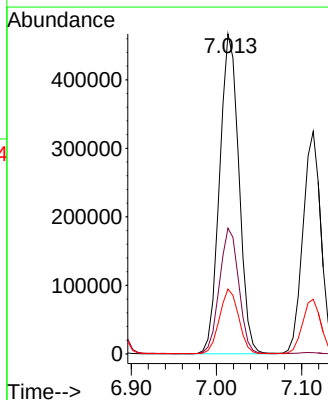
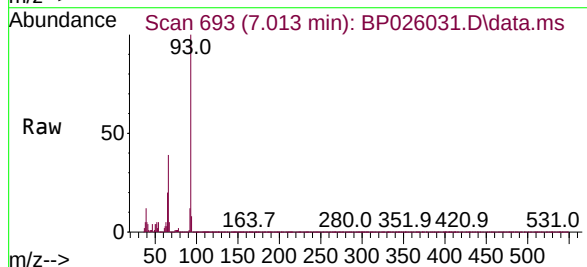
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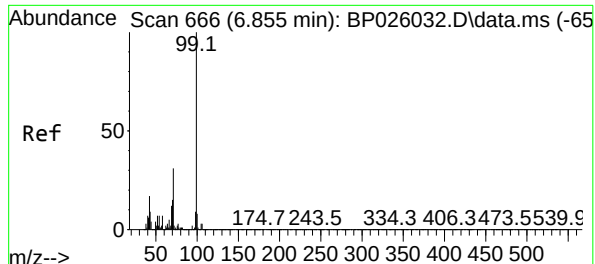
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 20.567 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

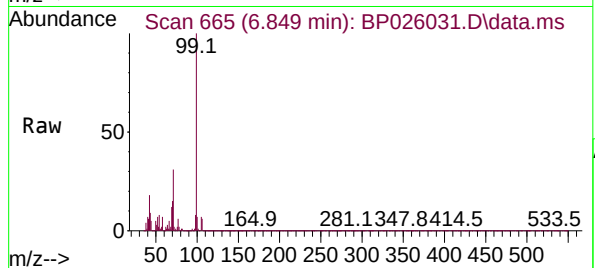
Tgt Ion: 93 Resp: 735067
Ion Ratio Lower Upper
93 100
66 39.3 31.2 46.8
65 20.3 16.1 24.1





#7
Phenol-d6
Concen: 40.803 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

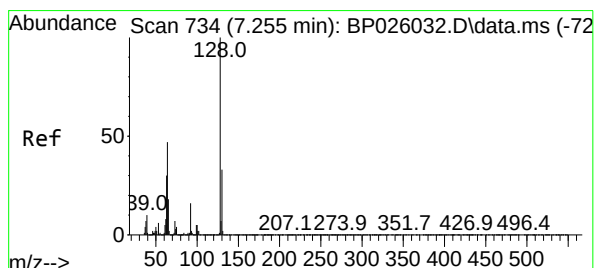
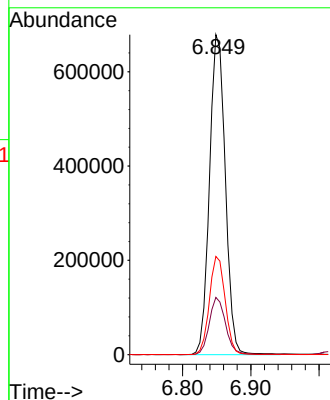
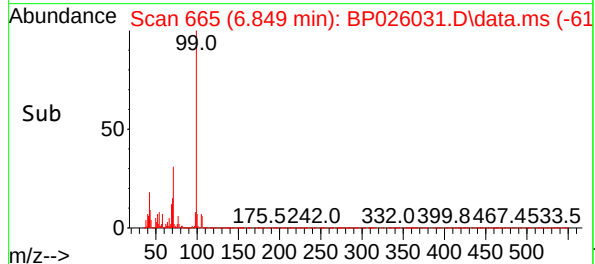
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



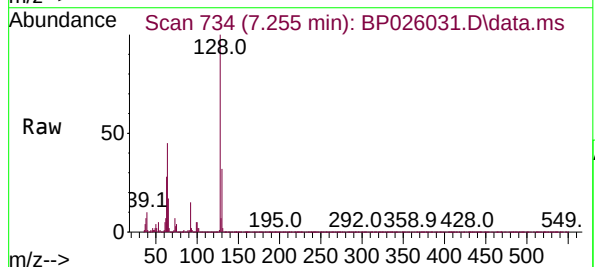
Tgt Ion: 99 Resp: 109266
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 30.7 24.4 36.6

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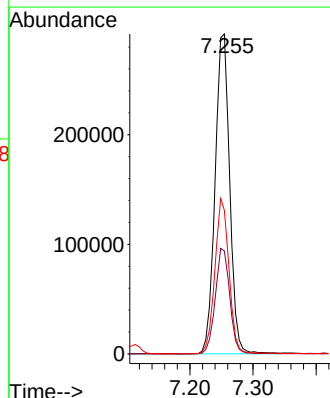
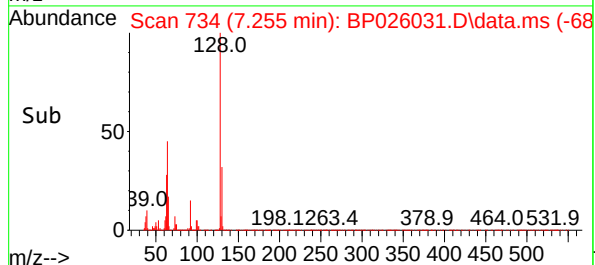
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

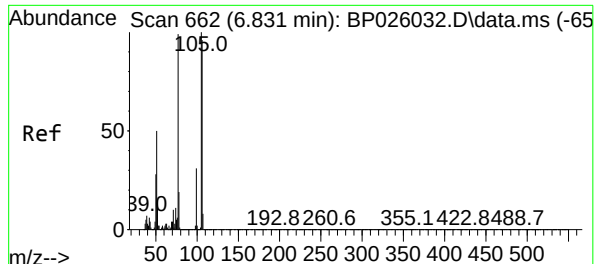


#8
2-Chlorophenol
Concen: 20.201 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion:128 Resp: 470651
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.9 27.4 67.4





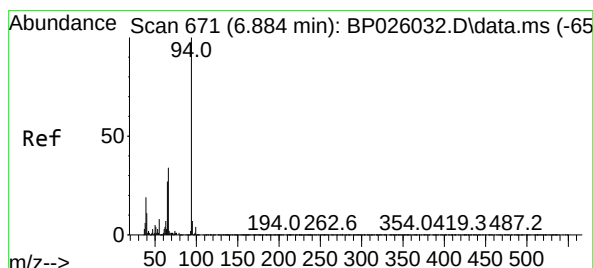
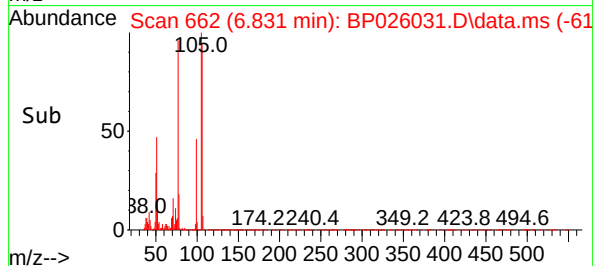
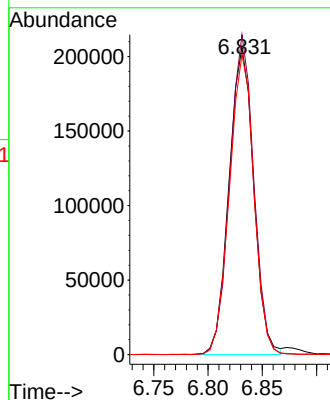
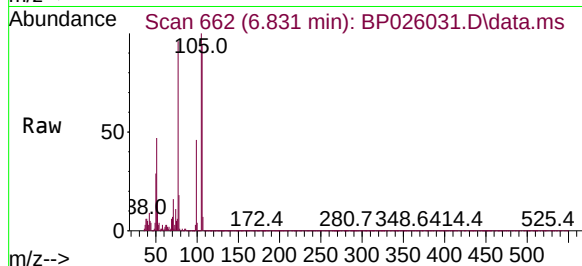
#9
Benzaldehyde
Concen: 23.383 ng m
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 325513
Ion Ratio Lower Upper
77 100
105 104.1 80.7 120.7
106 97.6 76.5 116.5

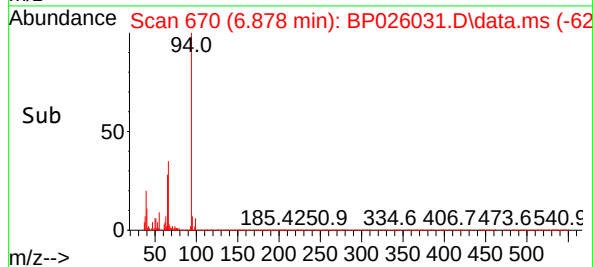
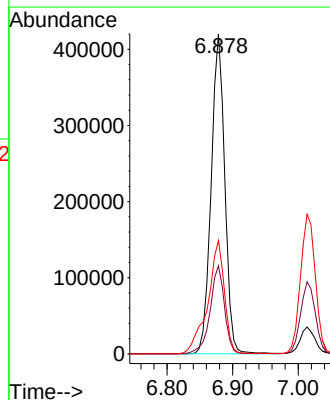
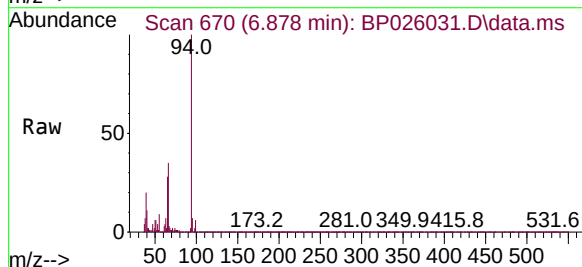
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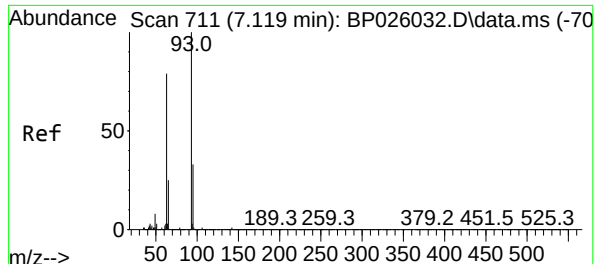
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 20.436 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 94 Resp: 607568
Ion Ratio Lower Upper
94 100
65 27.6 7.1 47.1
66 35.5 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 20.308 ng

RT: 7.113 min Scan# 711

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 476458

Ion Ratio Lower Upper

93 100

63 79.5 59.1 99.1

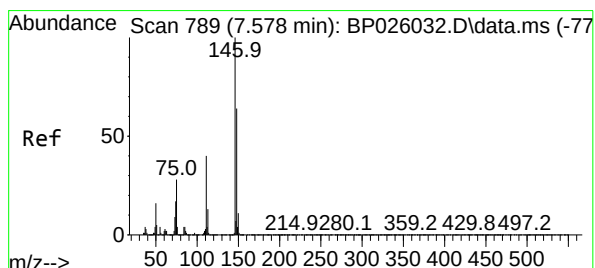
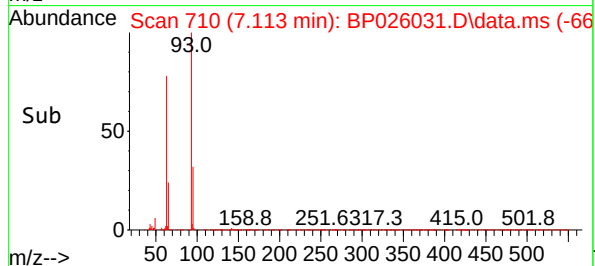
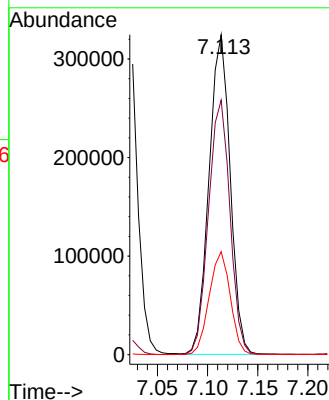
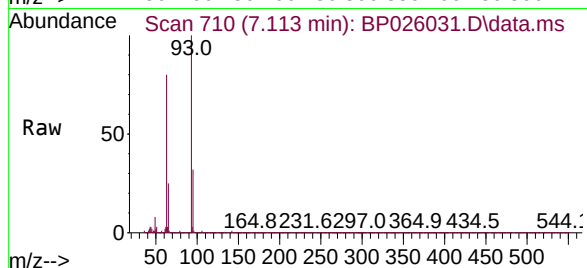
95 32.2 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 20.396 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

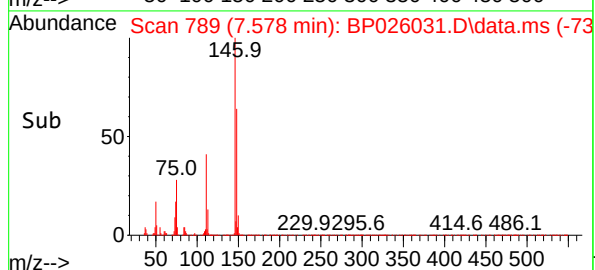
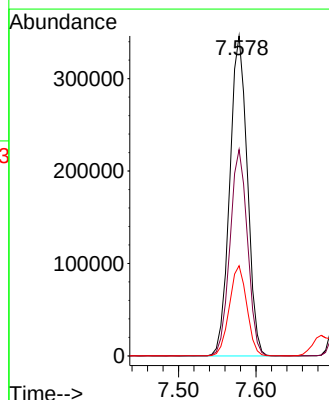
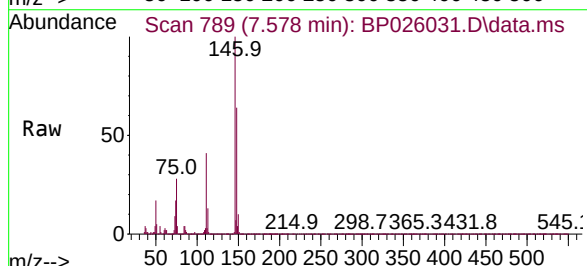
Tgt Ion:146 Resp: 545717

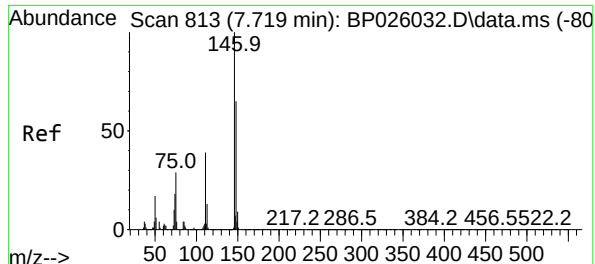
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

75 28.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 20.337 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 550164

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

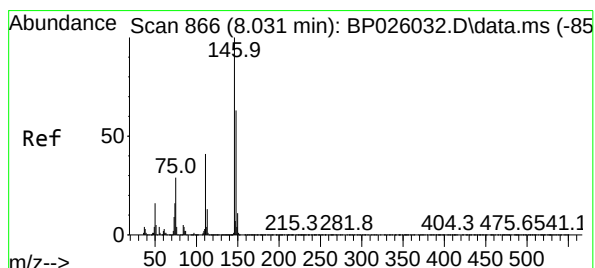
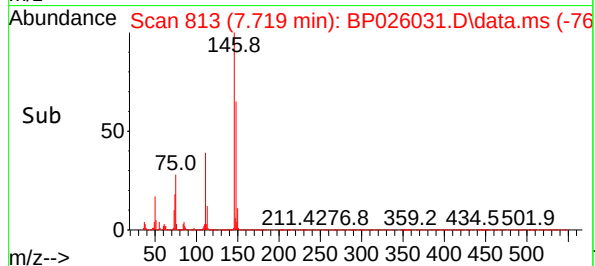
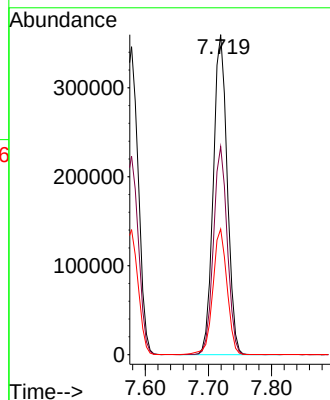
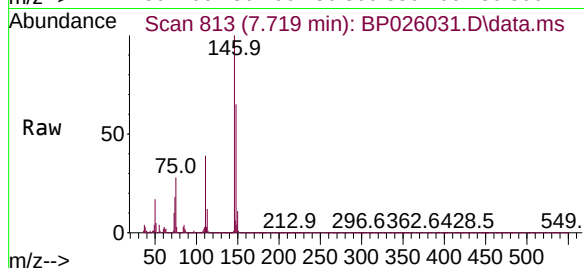
111 39.2 31.3 46.9

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Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 20.400 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

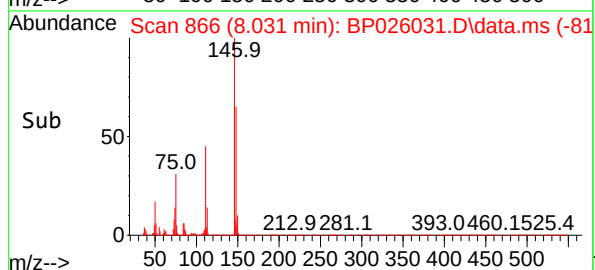
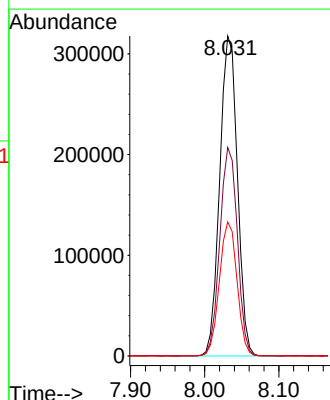
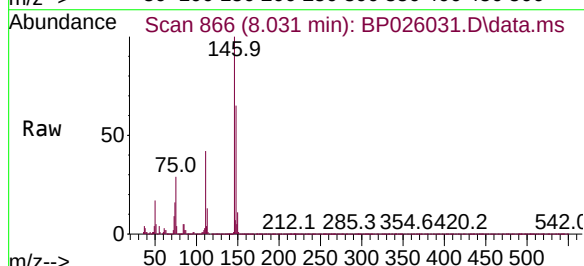
Tgt Ion:146 Resp: 526607

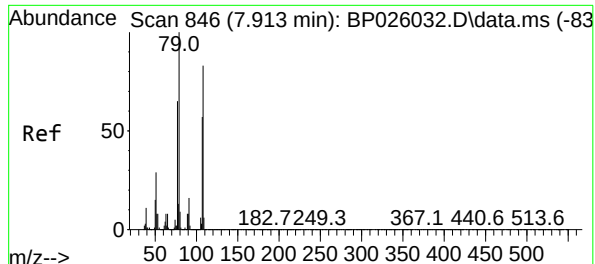
Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

111 41.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 19.765 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 381569

Ion Ratio Lower Upper

79 100

108 81.2 66.0 99.0

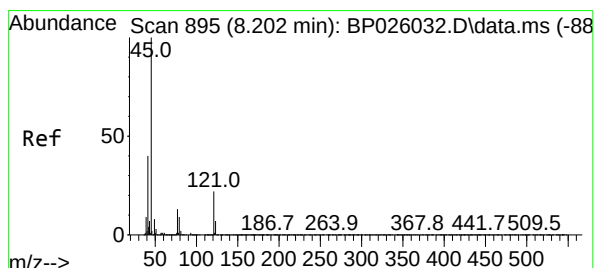
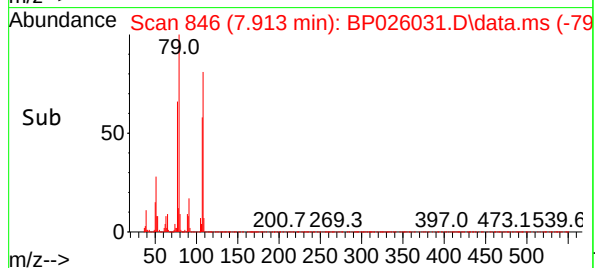
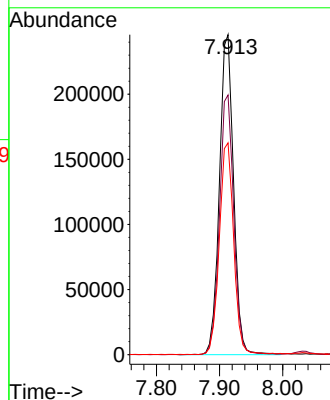
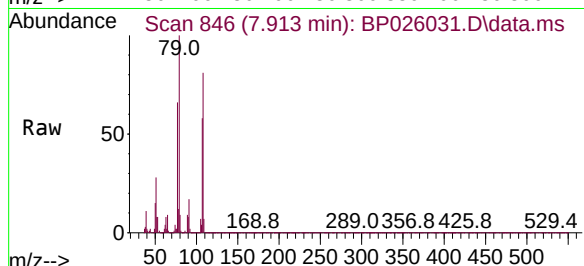
77 66.2 52.3 78.5

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.579 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

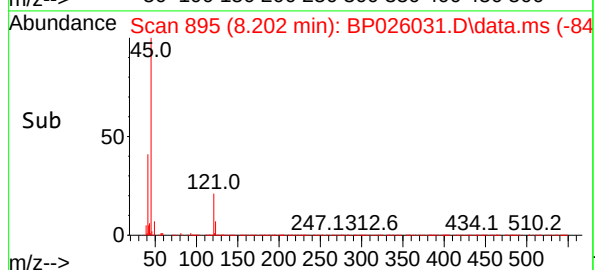
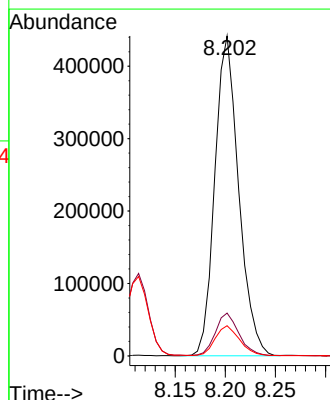
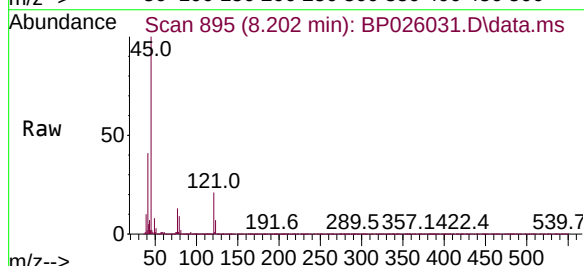
Tgt Ion: 45 Resp: 729715

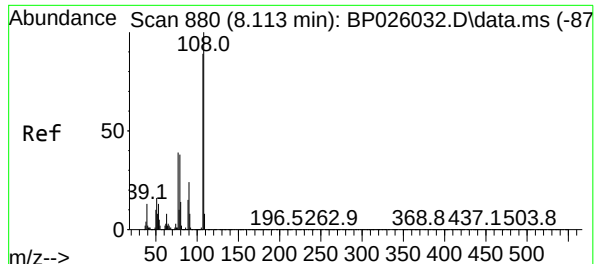
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

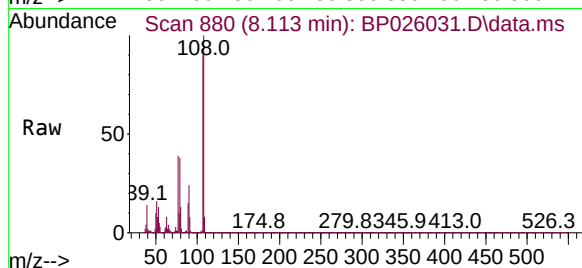
79 9.4 0.0 29.5





#17
2-Methylphenol
Concen: 20.413 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

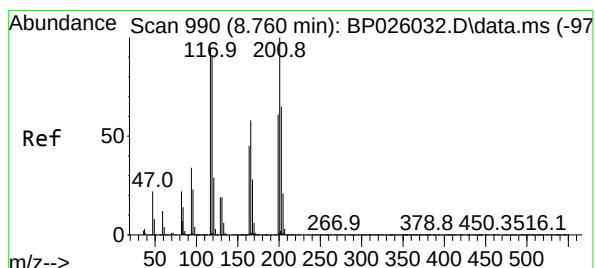
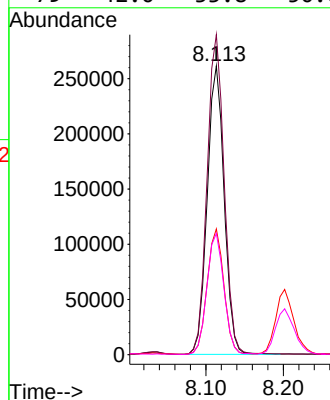
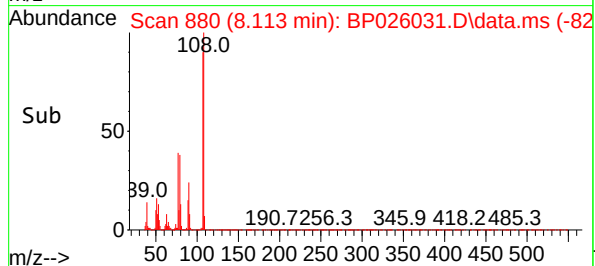
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



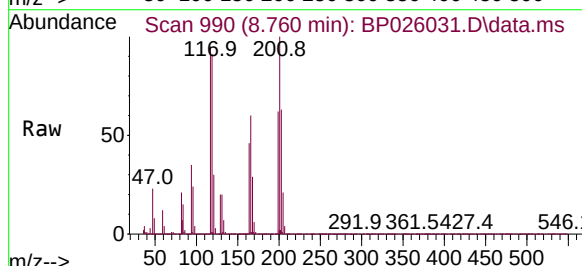
Tgt Ion:107 Resp: 397383
Ion Ratio Lower Upper
107 100
108 110.8 89.8 134.8
77 43.5 34.8 52.2
79 42.0 33.8 50.6

Manual Integrations
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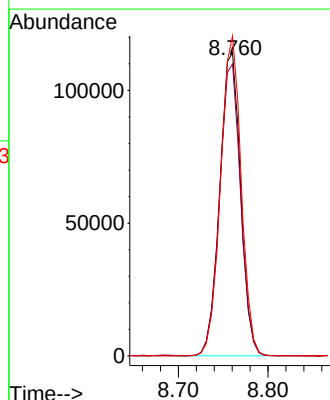
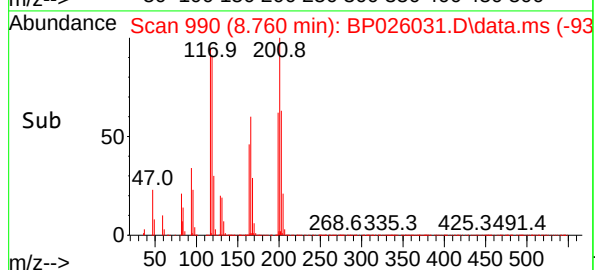
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

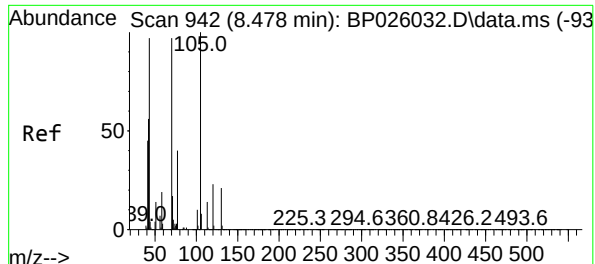


#18
Hexachloroethane
Concen: 20.053 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion:117 Resp: 185631
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 105.6 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 21.226 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 352850

Ion Ratio Lower Upper

70 100

42 59.6 47.2 70.8

101 9.6 8.2 12.2

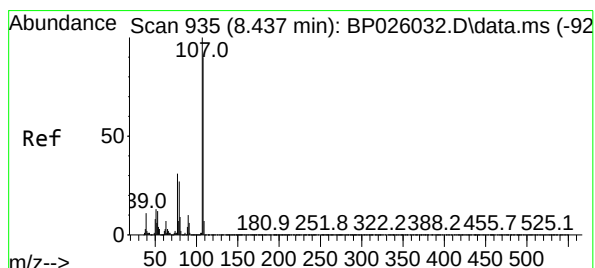
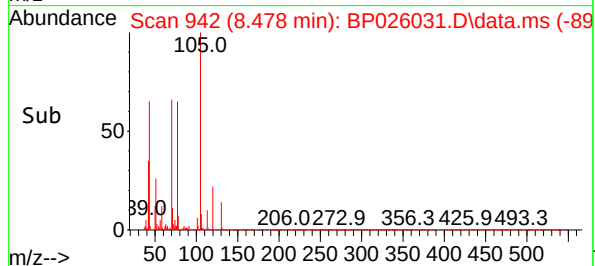
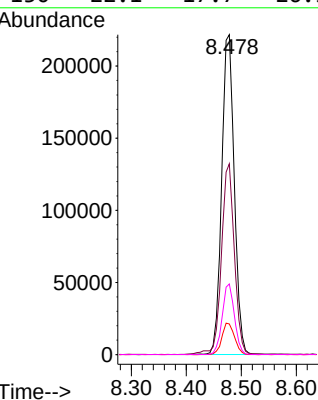
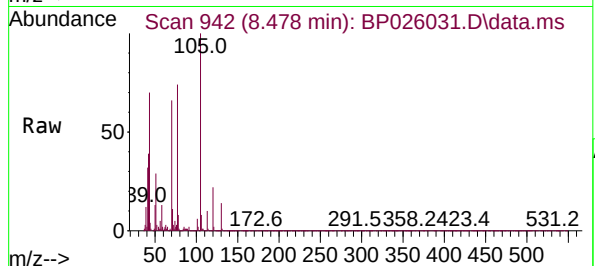
130 22.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 19.965 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:107 Resp: 540688

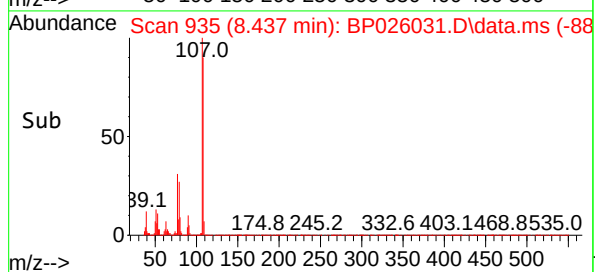
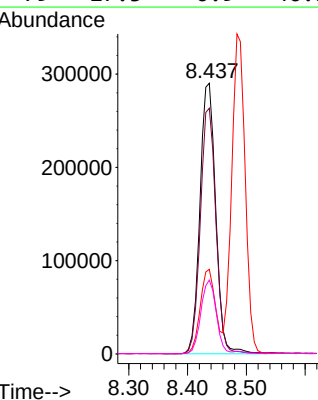
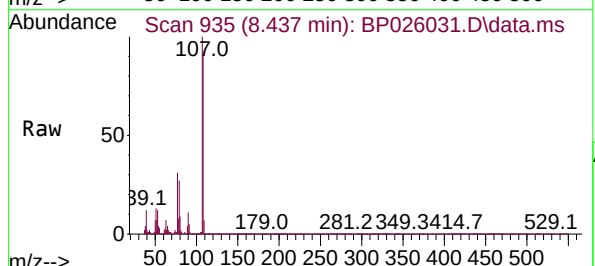
Ion Ratio Lower Upper

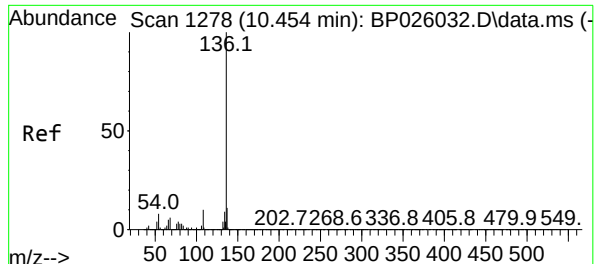
107 100

108 90.8 70.1 110.1

77 31.3 10.7 50.7

79 27.3 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 1426046

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.5 6.6 10.0

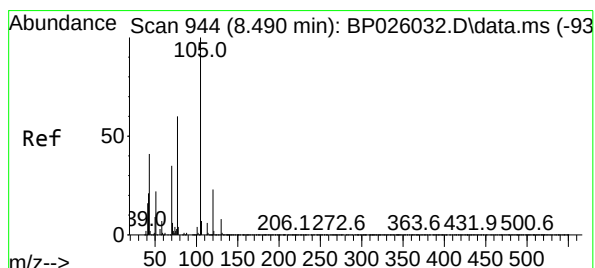
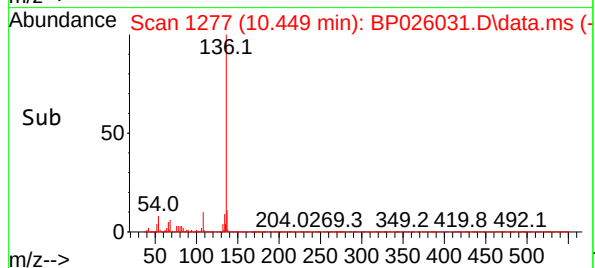
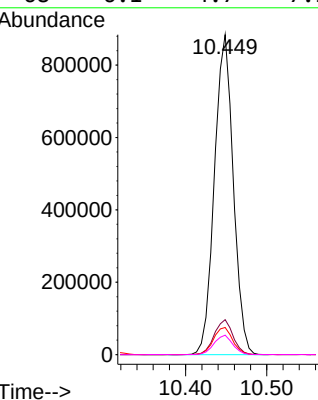
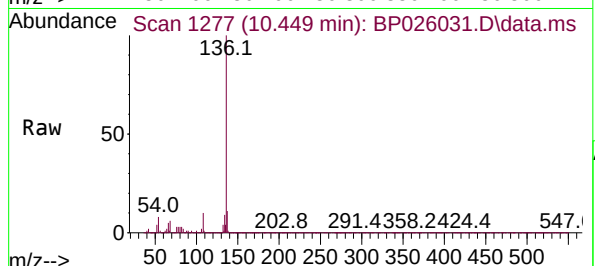
68 6.1 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 20.505 ng

RT: 8.484 min Scan# 943

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:105 Resp: 739513

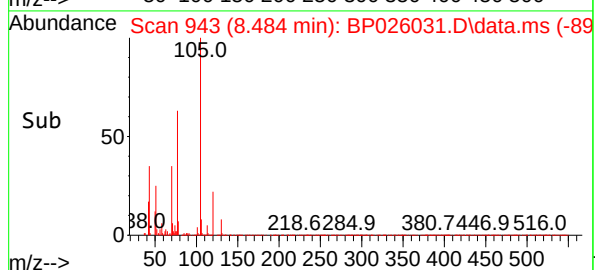
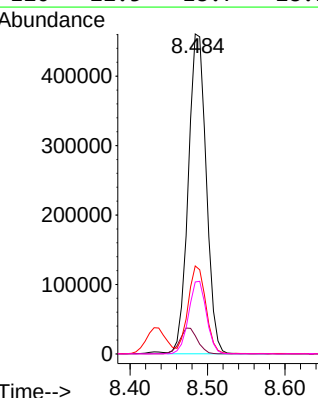
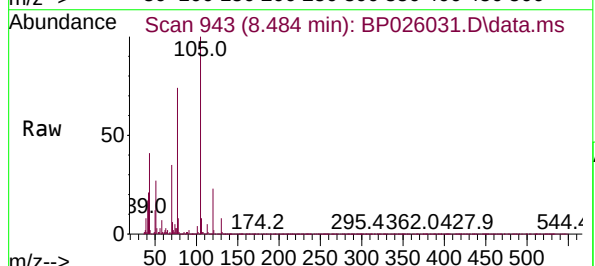
Ion Ratio Lower Upper

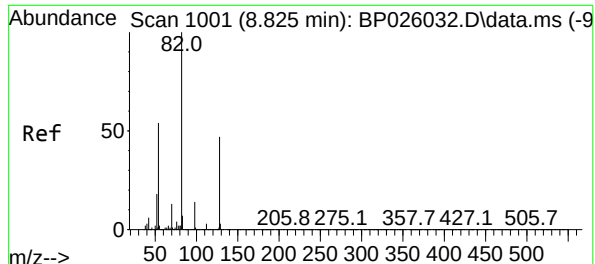
105 100

71 5.7 4.7 7.1

51 27.5 21.8 32.8

120 22.5 18.7 28.1





#23

Nitrobenzene-d5

Concen: 40.712 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 931308

Ion Ratio Lower Upper

82 100

128 45.8 37.4 56.0

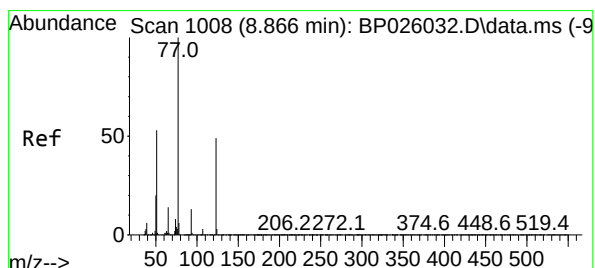
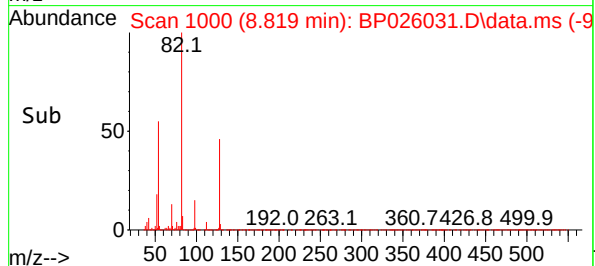
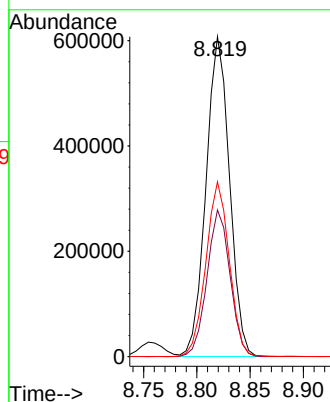
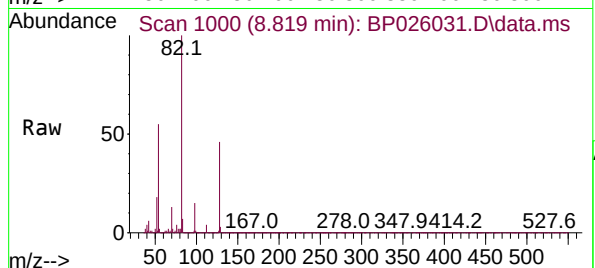
54 54.6 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 20.407 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

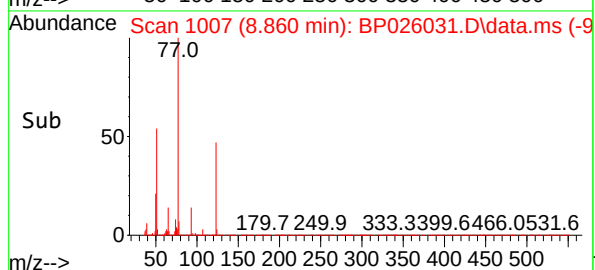
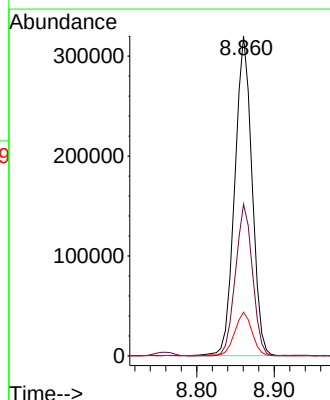
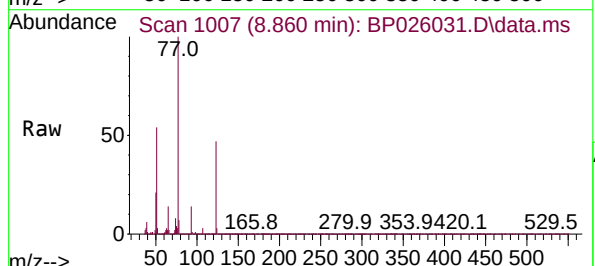
Tgt Ion: 77 Resp: 492888

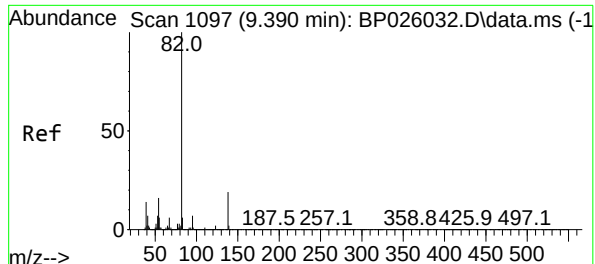
Ion Ratio Lower Upper

77 100

123 47.4 39.0 58.4

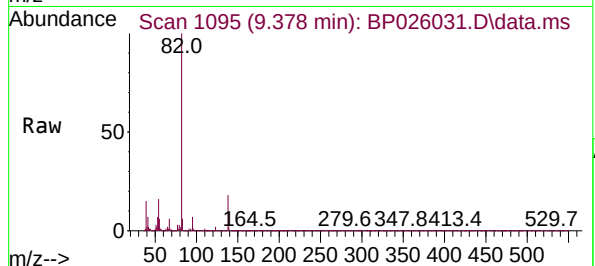
65 13.7 10.9 16.3





#25
Isophorone
Concen: 20.531 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

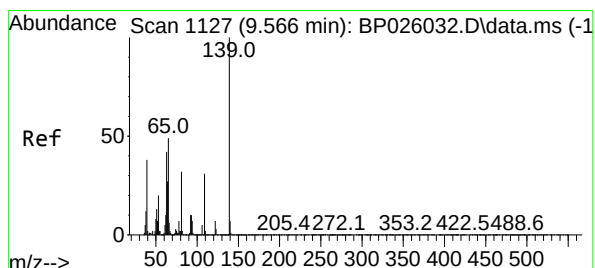
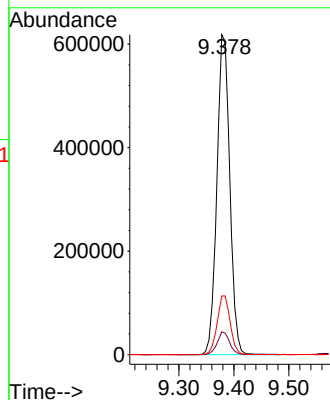
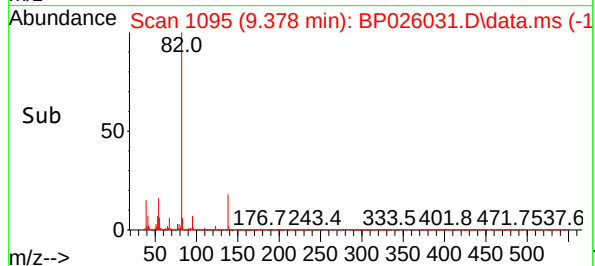
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 1005233
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.3 15.0 22.6

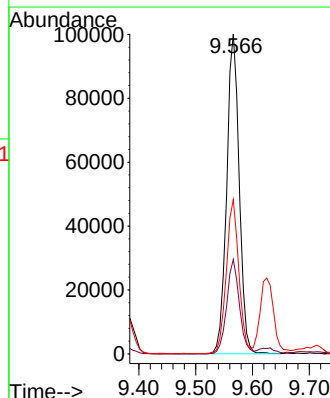
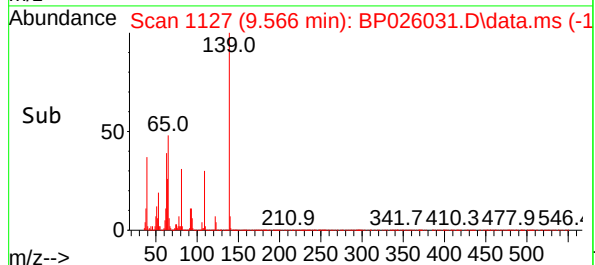
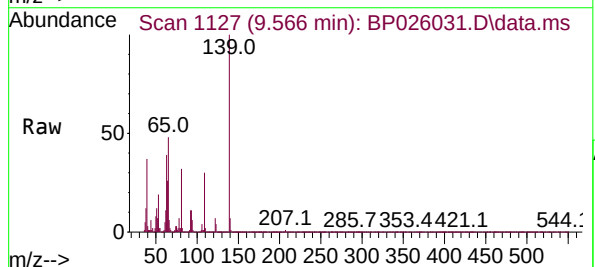
Manual Integrations
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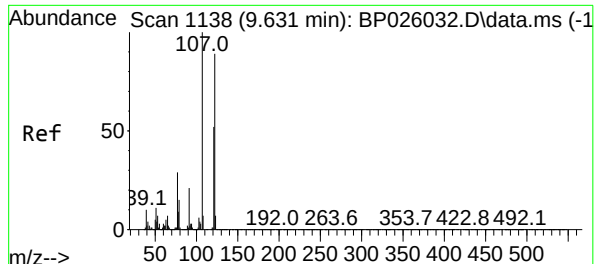
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 18.908 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:139 Resp: 152813
Ion Ratio Lower Upper
139 100
109 29.5 24.8 37.2
65 48.2 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 19.481 ng

RT: 9.625 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

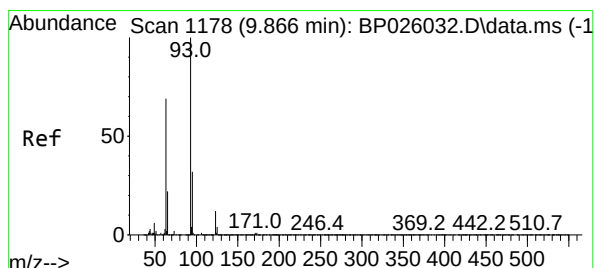
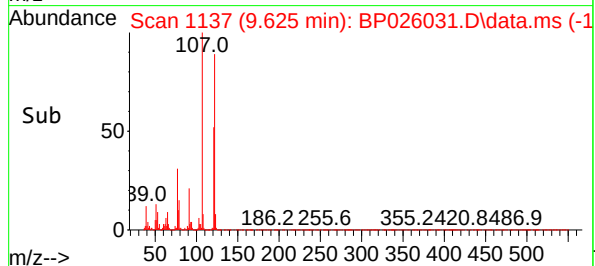
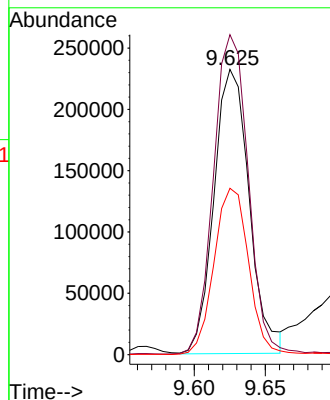
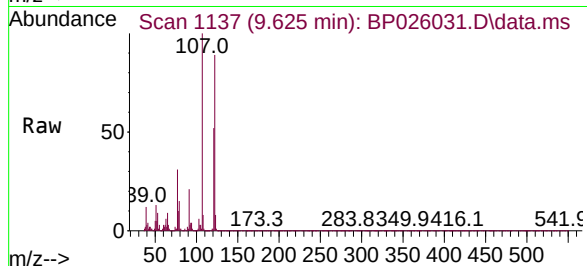
Tgt Ion:	122	Resp:	40111
Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.2	133.8
121	58.3	46.3	69.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.157 ng

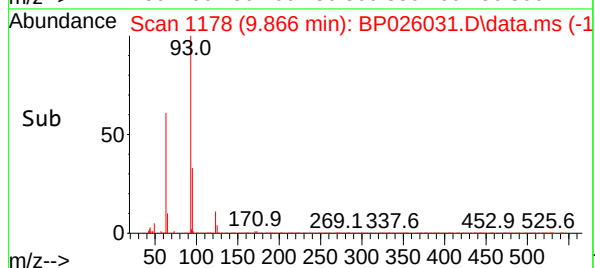
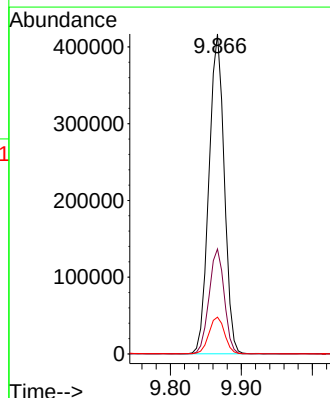
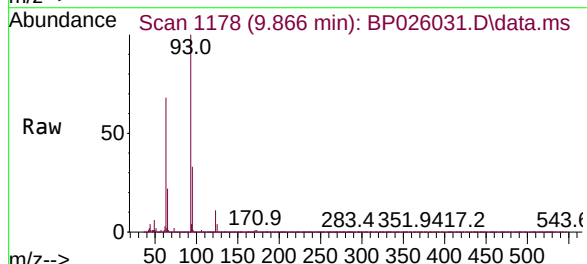
RT: 9.866 min Scan# 1178

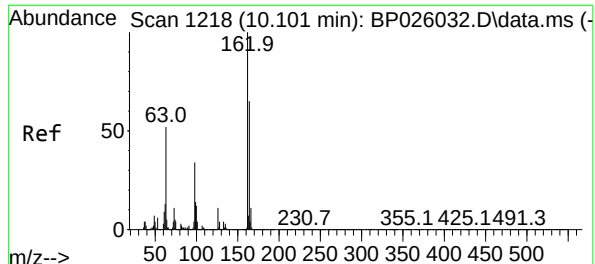
Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:	93	Resp:	622000
Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.5	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 20.189 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

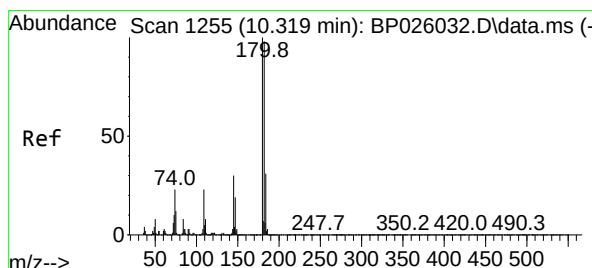
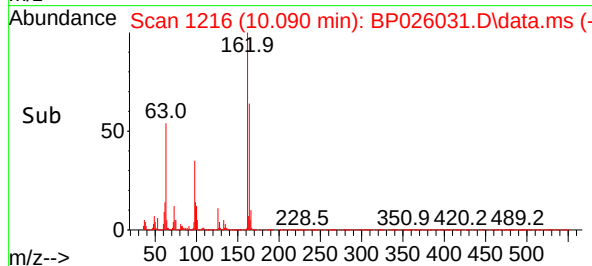
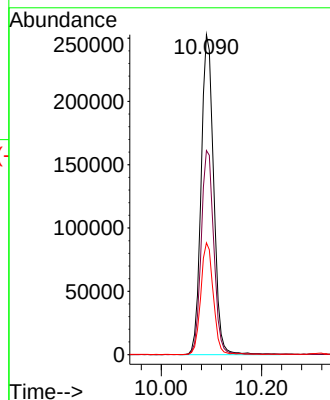
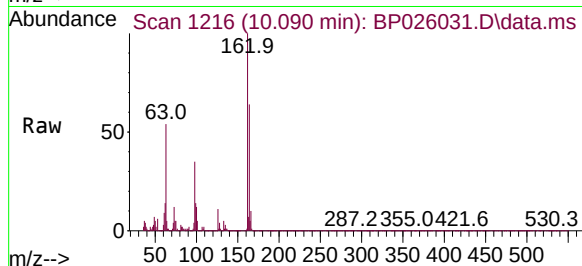
SSTDICC020

Tgt Ion:	162	Resp:	438904
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	34.9	14.0	54.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.315 ng

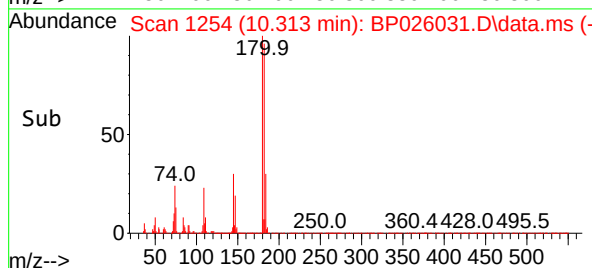
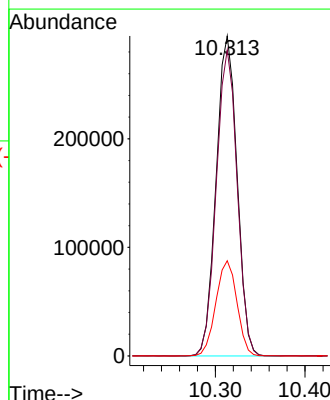
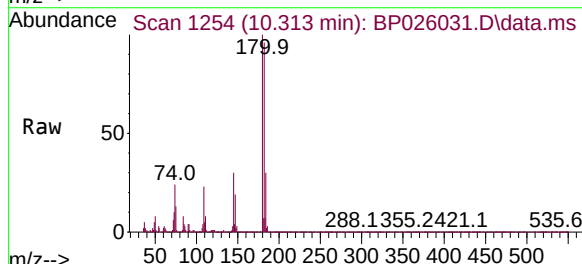
RT: 10.313 min Scan# 1254

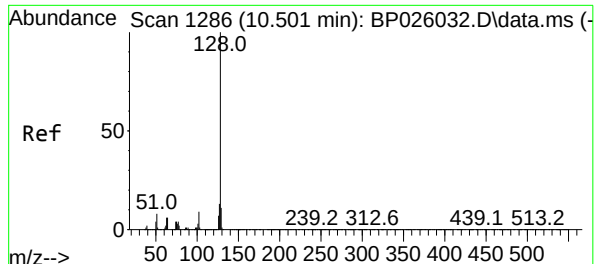
Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:	180	Resp:	480041
Ion Ratio	Lower	Upper	
180	100		
182	95.6	78.6	117.8
145	29.7	24.2	36.4





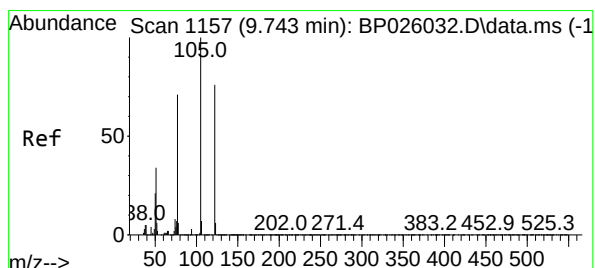
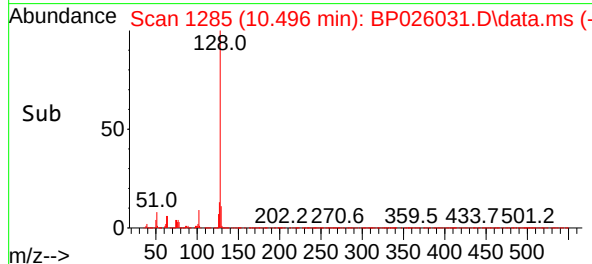
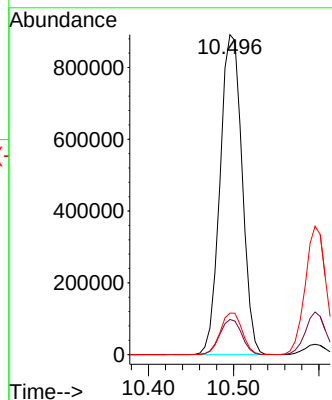
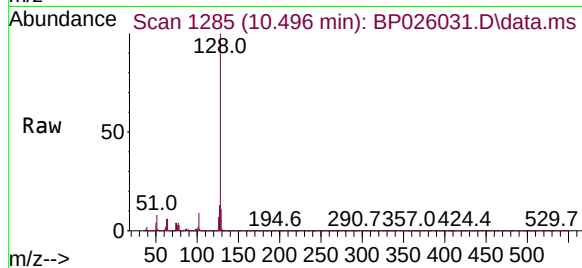
#31
Naphthalene
Concen: 20.560 ng
RT: 10.496 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1598863
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7

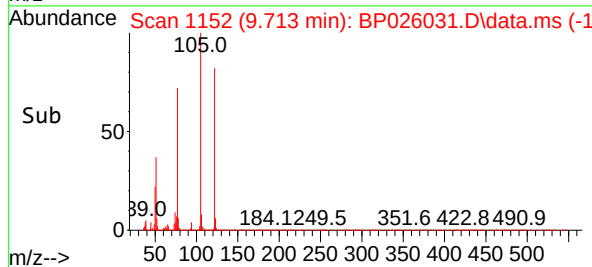
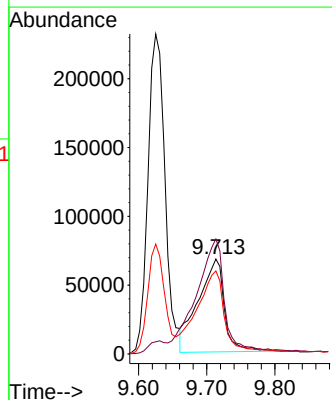
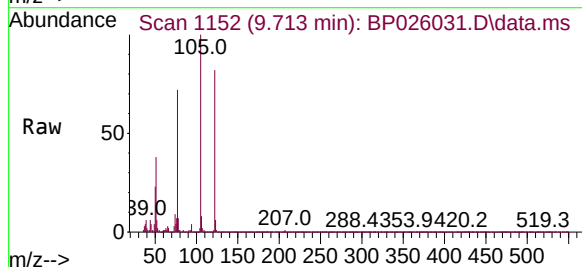
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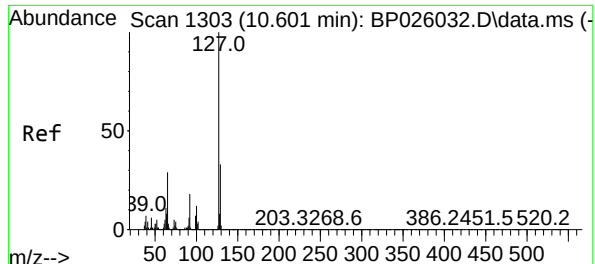
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 19.682 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.065 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:122 Resp: 181442
Ion Ratio Lower Upper
122 100
105 121.3 104.8 144.8
77 87.6 70.9 110.9





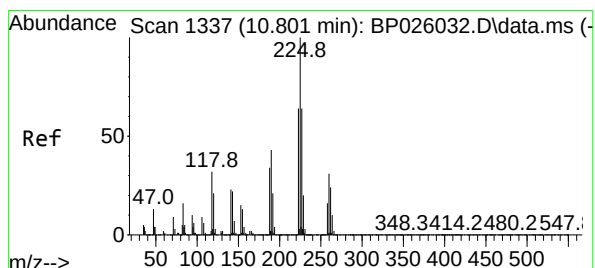
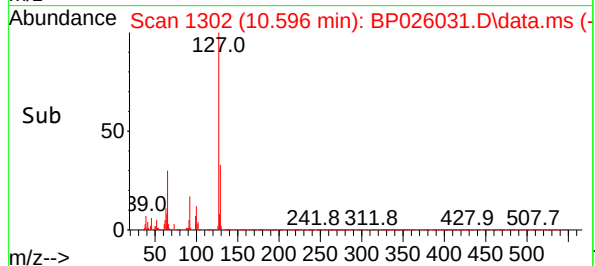
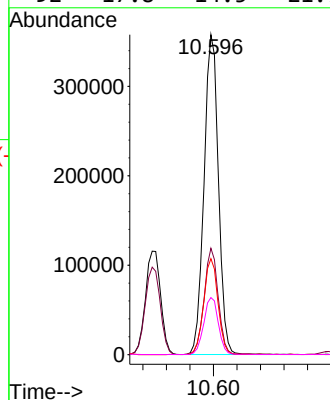
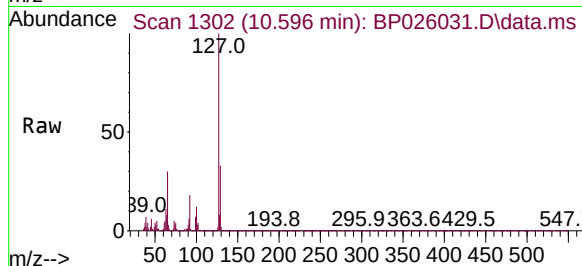
#33
4-Chloroaniline
Concen: 20.383 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 609114
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0
65 30.0 23.2 34.8
92 17.8 14.5 21.7

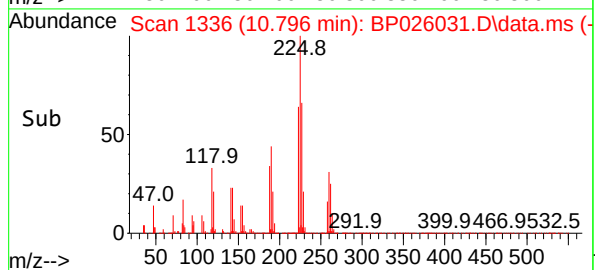
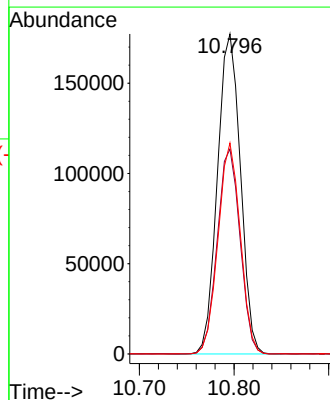
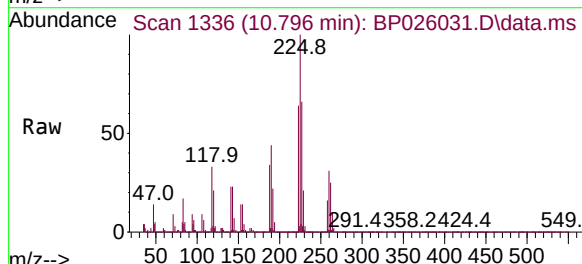
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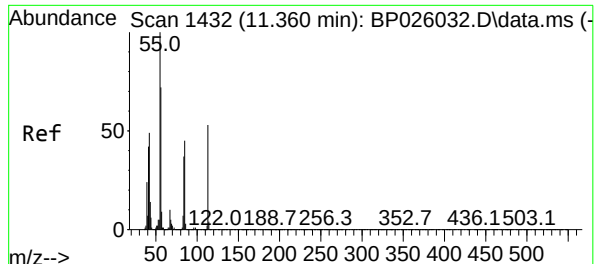
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#34
Hexachlorobutadiene
Concen: 19.881 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:225 Resp: 298535
Ion Ratio Lower Upper
225 100
223 64.0 50.9 76.3
227 65.9 51.0 76.4





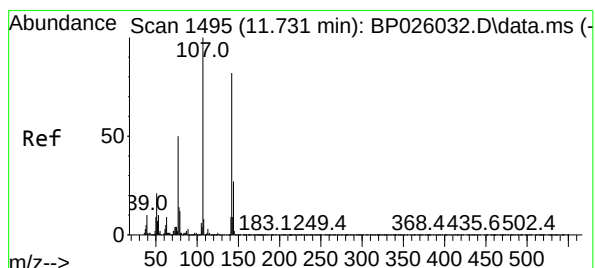
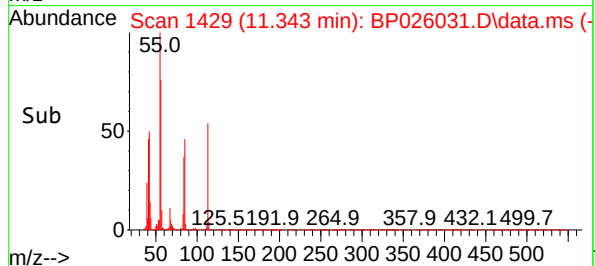
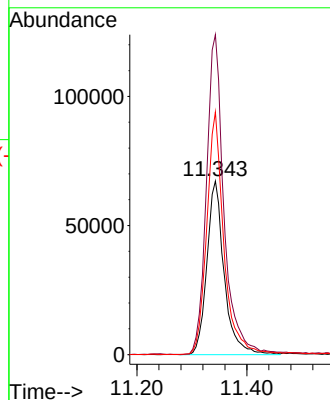
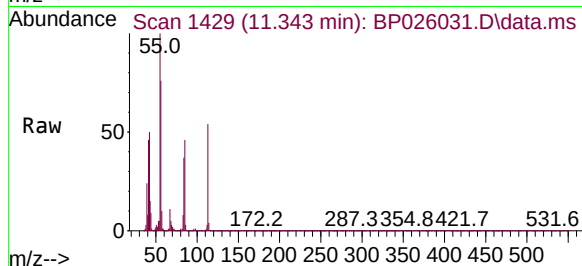
#35
Caprolactam
Concen: 19.234 ng
RT: 11.343 min Scan# 1429
Delta R.T. -0.041 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 14684
Ion Ratio Lower Upper
113 100
55 184.5 169.9 209.9
56 139.9 116.7 156.7

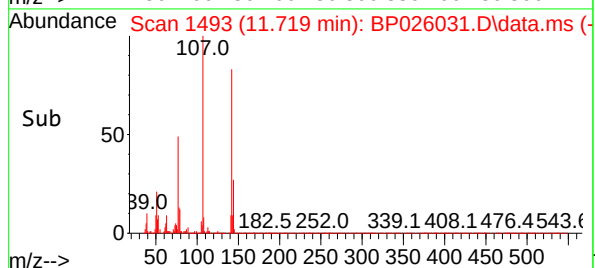
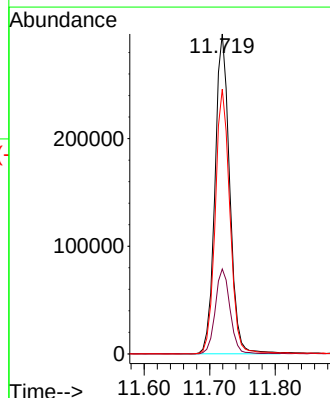
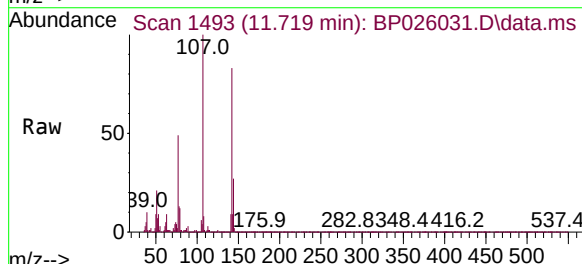
Manual Integrations
APPROVED

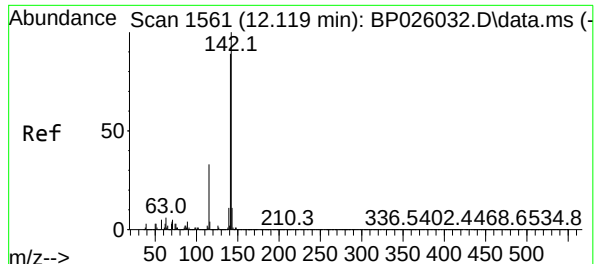
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 20.367 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

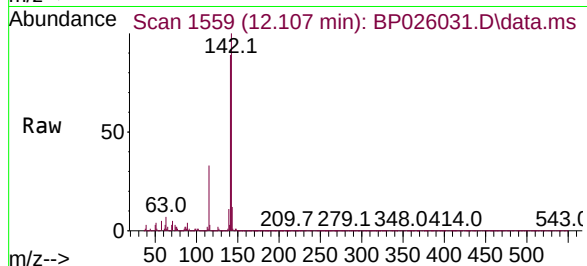
Tgt Ion:107 Resp: 464170
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 82.7 65.2 97.8





#37
2-Methylnaphthalene
Concen: 20.213 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

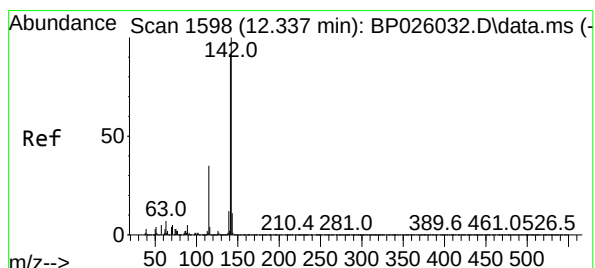
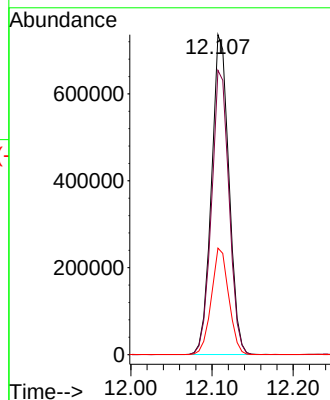
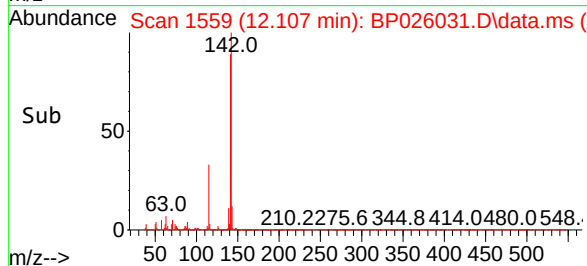
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 110014
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 33.3 26.6 39.8

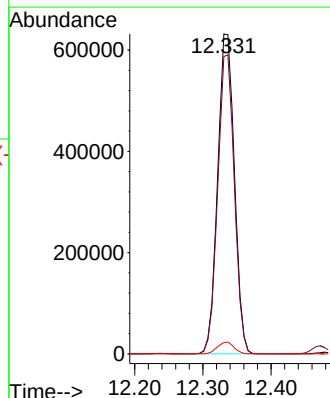
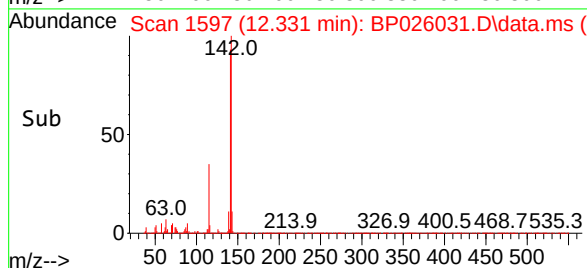
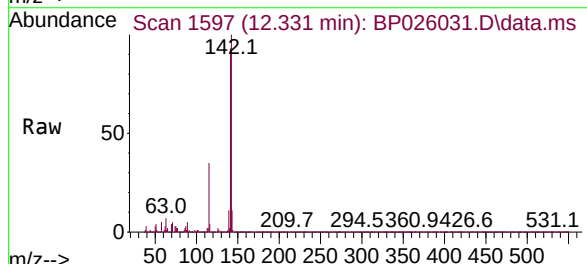
Manual Integrations
APPROVED

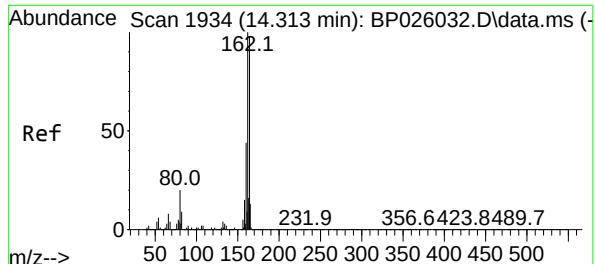
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 20.334 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:142 Resp: 1075202
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

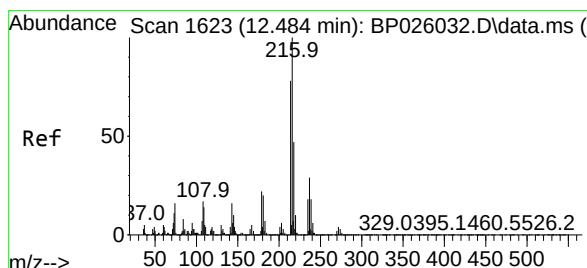
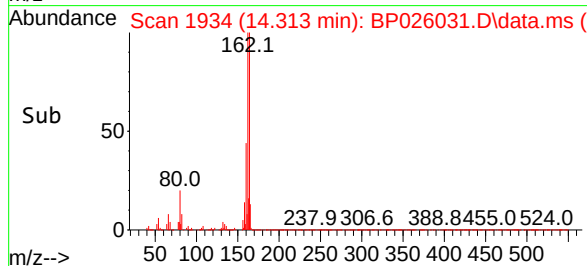
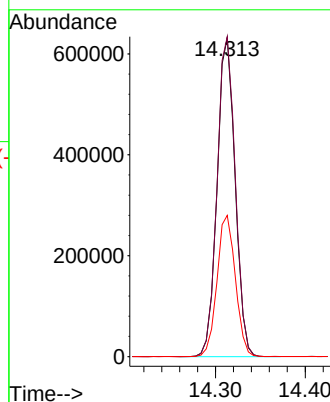
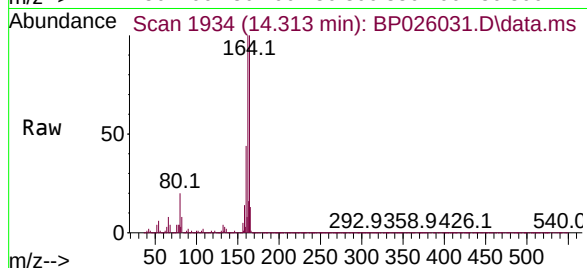
SSTDICC020

Tgt Ion:	164	Resp:	884189
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.5	122.3
160	44.3	36.2	54.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.486 ng

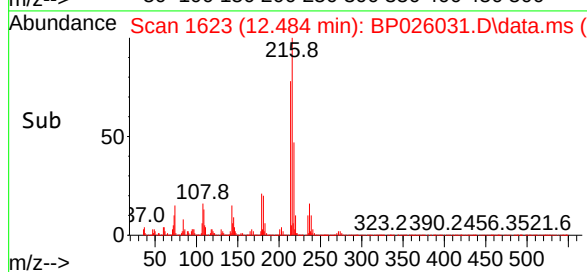
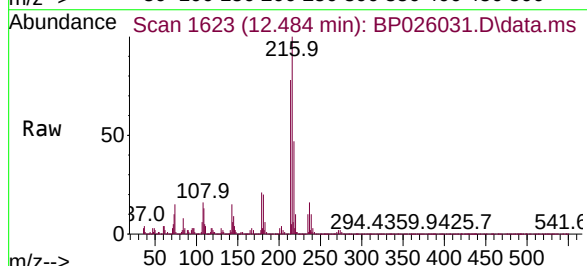
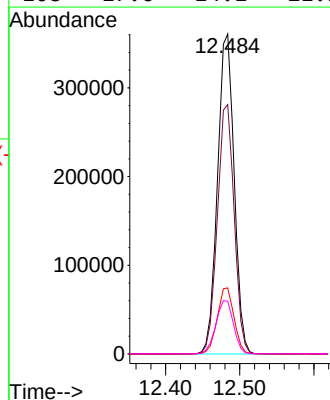
RT: 12.484 min Scan# 1623

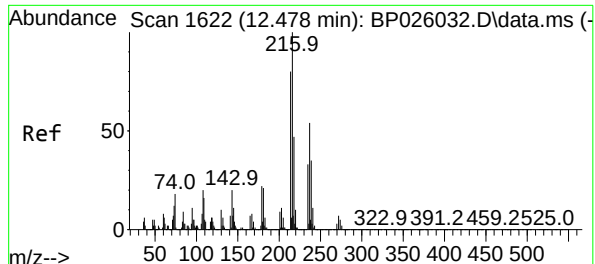
Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:	216	Resp:	562803
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.9	94.3
179	20.8	16.9	25.3
108	17.6	14.1	21.1





#41

Hexachlorocyclopentadiene

Concen: 17.444 ng

RT: 12.472 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

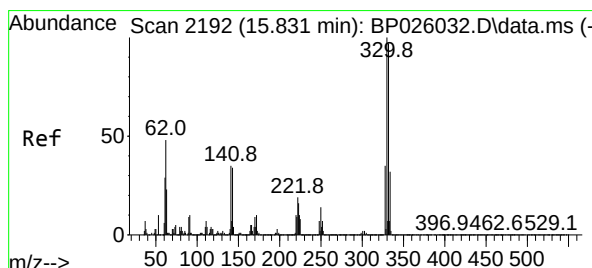
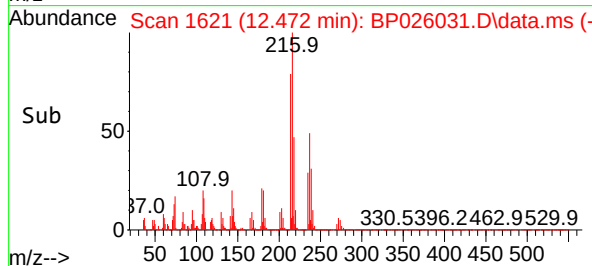
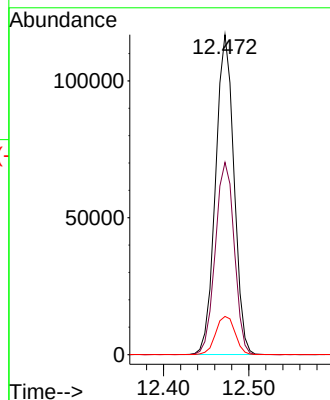
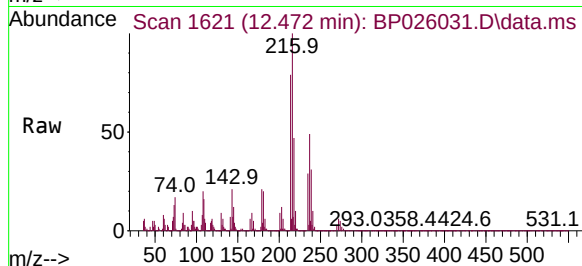
Tgt Ion:	237	Resp:	17534
Ion Ratio	Lower	Upper	
237	100		
235	60.1	40.4	80.4
272	11.9	0.0	32.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 40.359 ng

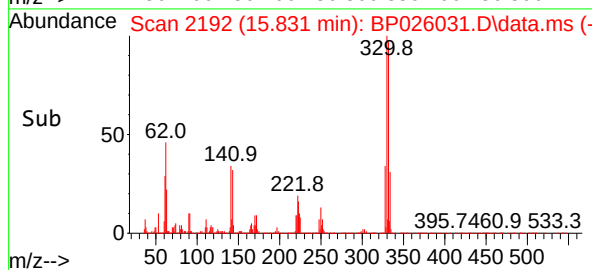
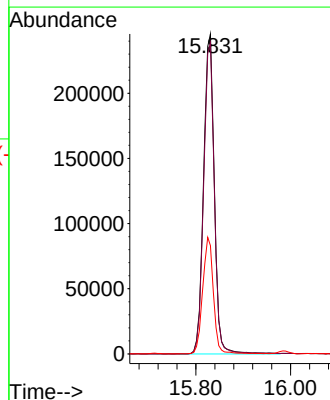
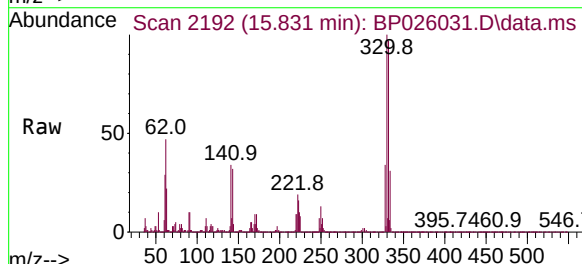
RT: 15.831 min Scan# 2192

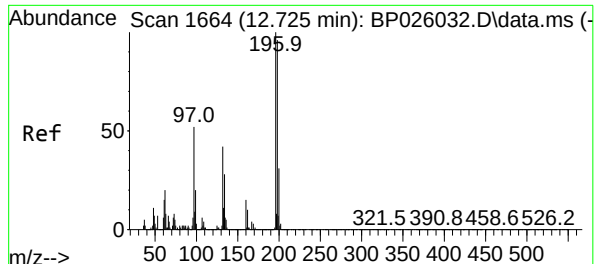
Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:	330	Resp:	385788
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	36.3	28.6	42.8





#43

2,4,6-Trichlorophenol

Concen: 20.258 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 328962

Ion Ratio Lower Upper

196 100

198 96.9 76.5 114.7

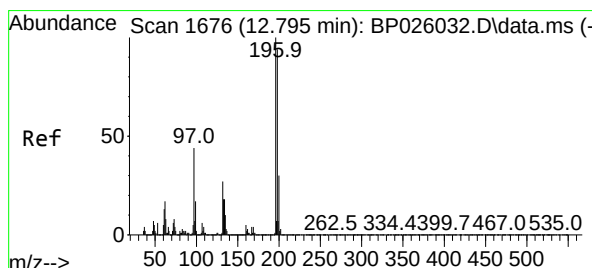
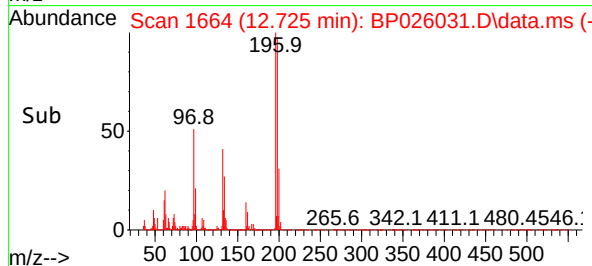
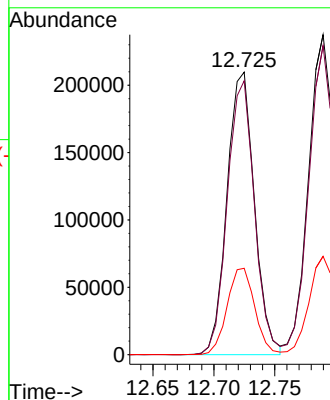
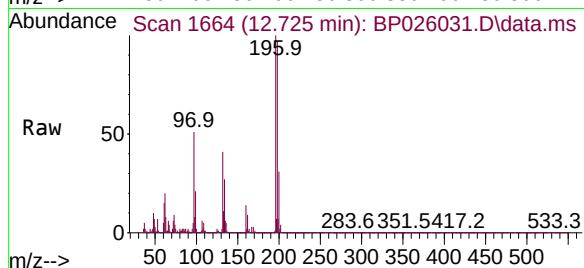
200 30.6 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 20.260 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:196 Resp: 375399

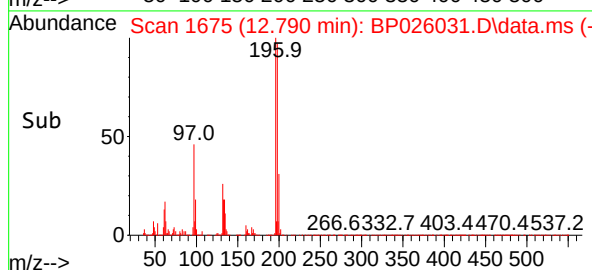
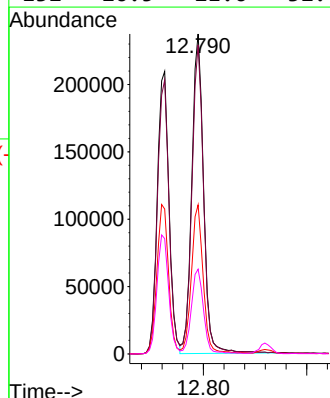
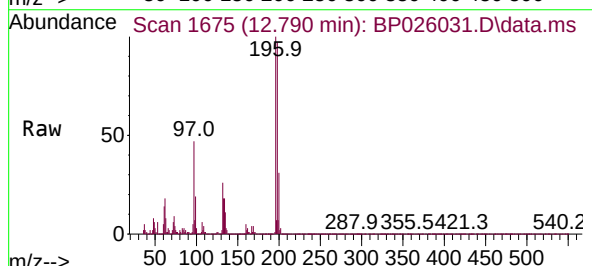
Ion Ratio Lower Upper

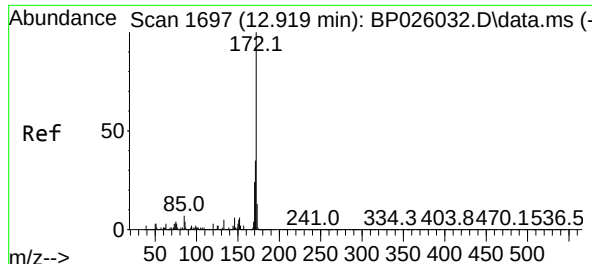
196 100

198 96.6 75.1 112.7

97 46.6 35.5 53.3

132 26.5 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 41.774 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 257049

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

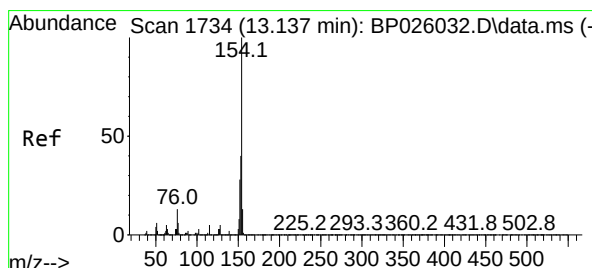
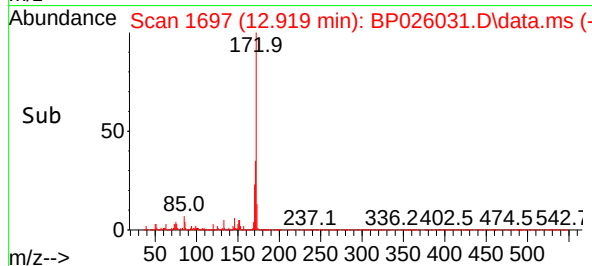
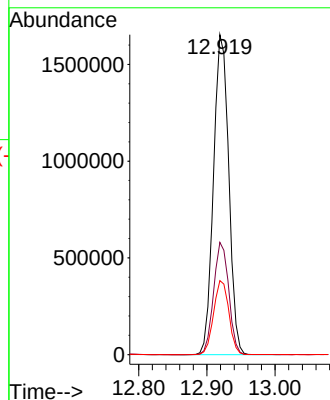
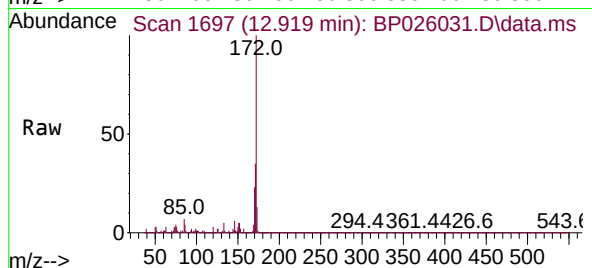
170 23.1 19.0 28.4

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#46

1,1'-Biphenyl

Concen: 20.599 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

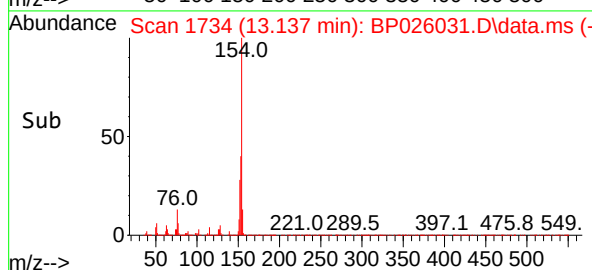
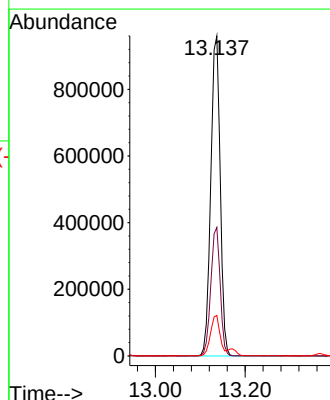
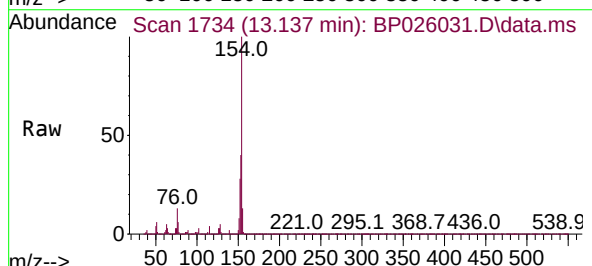
Tgt Ion:154 Resp: 1394592

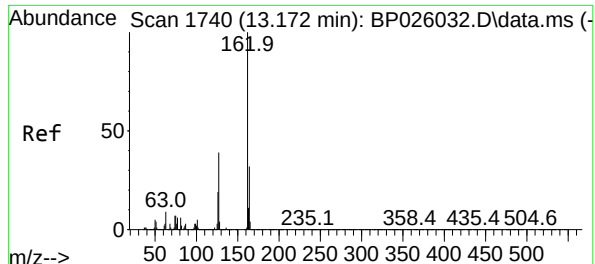
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

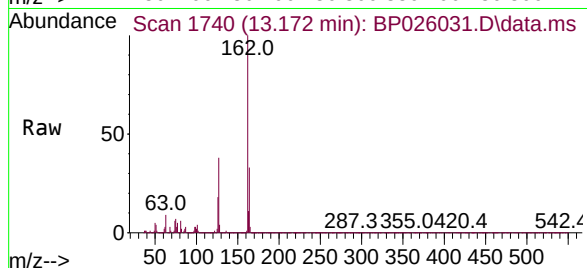
76 12.6 0.0 32.8





#47
2-Chloronaphthalene
Concen: 20.709 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

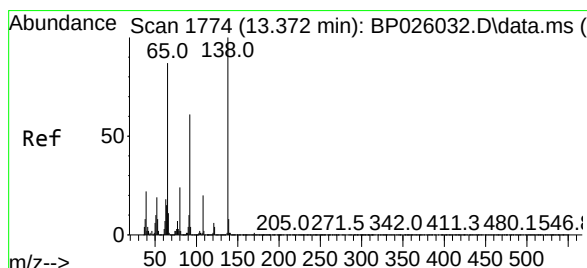
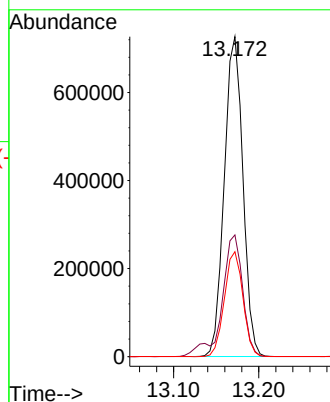
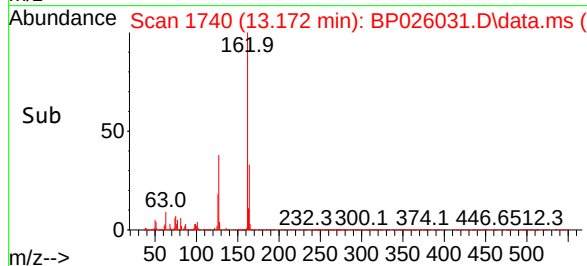
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



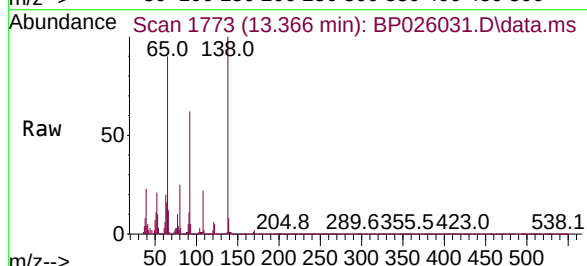
Tgt Ion: 162 Resp: 1103115
Ion Ratio Lower Upper
162 100
127 38.1 31.4 47.2
164 32.8 25.9 38.9

Manual Integrations
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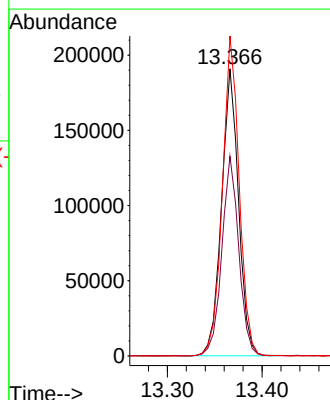
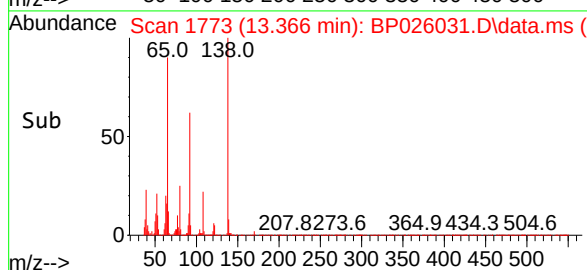
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

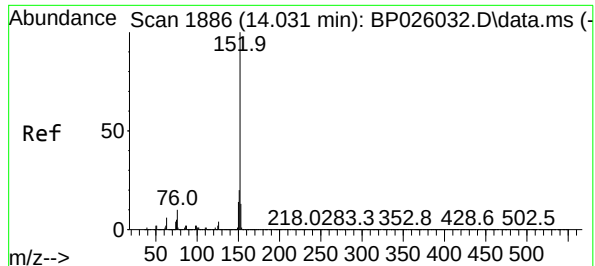


#48
2-Nitroaniline
Concen: 19.391 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion: 65 Resp: 237733
Ion Ratio Lower Upper
65 100
92 69.5 55.5 83.3
138 111.5 91.7 137.5





#49

Acenaphthylene

Concen: 20.863 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1619778

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

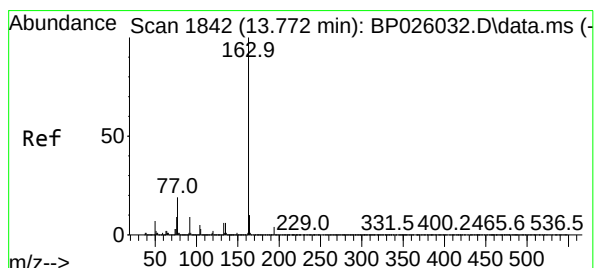
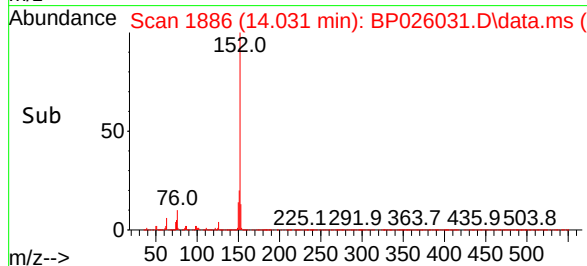
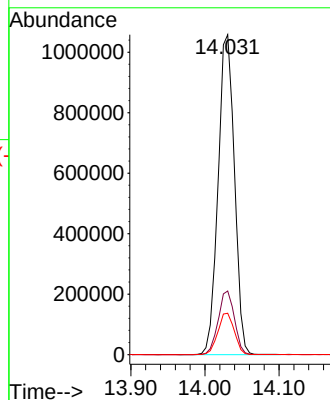
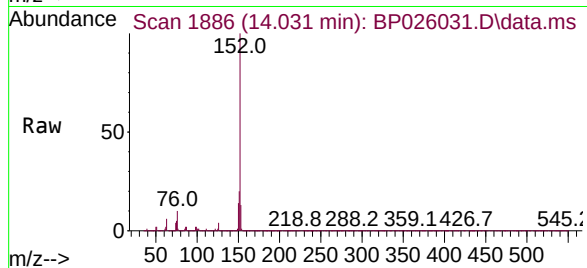
153 12.9 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 20.496 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

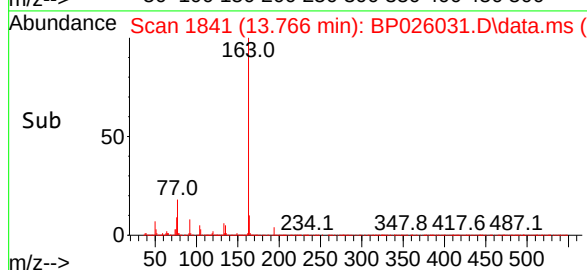
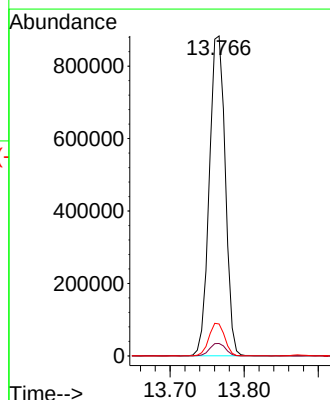
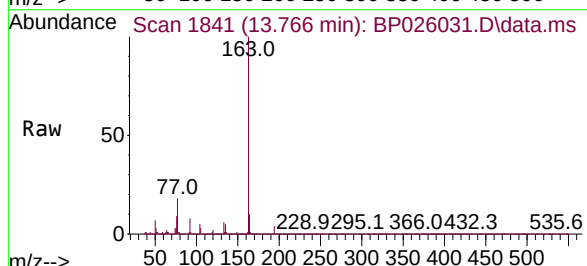
Tgt Ion:163 Resp: 1318220

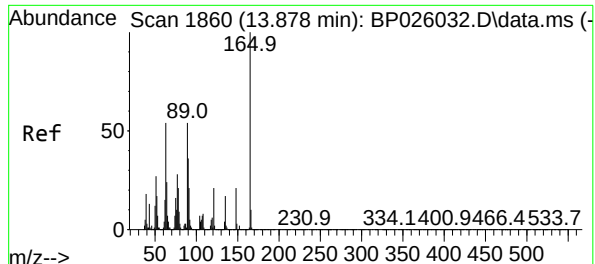
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

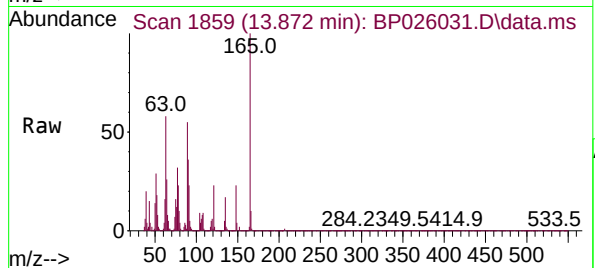
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.266 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

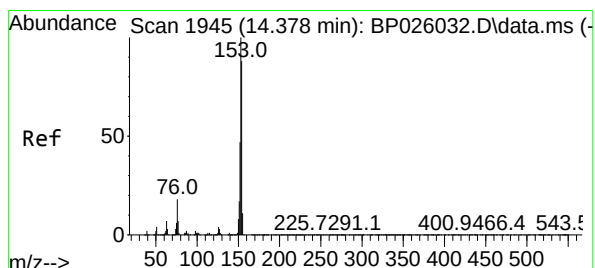
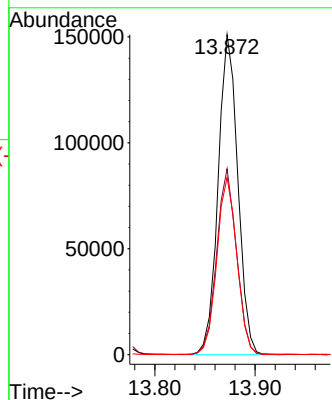
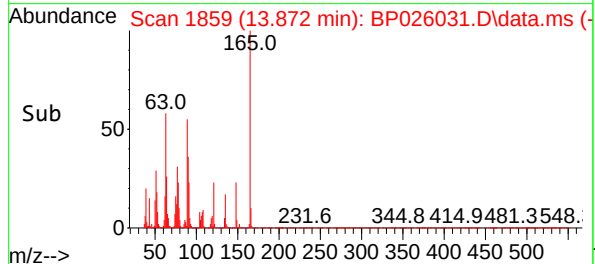
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



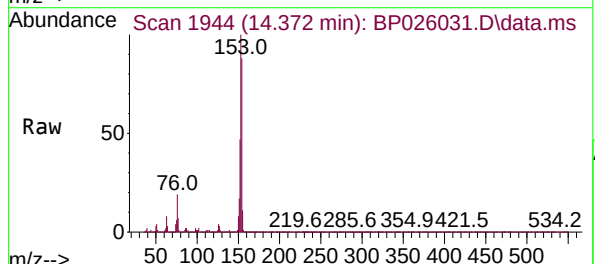
Tgt Ion:165 Resp: 206491
Ion Ratio Lower Upper
165 100
63 58.1 43.0 64.4
89 55.3 43.0 64.4

Manual Integrations
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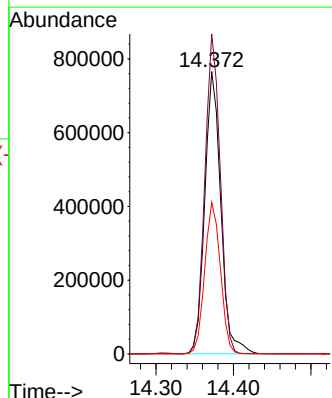
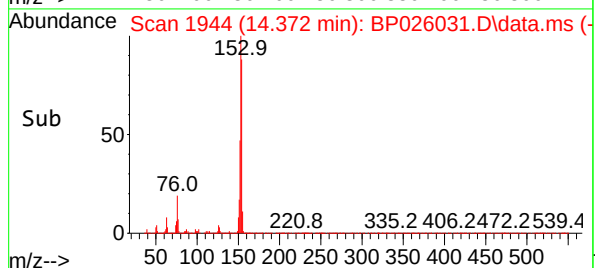
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

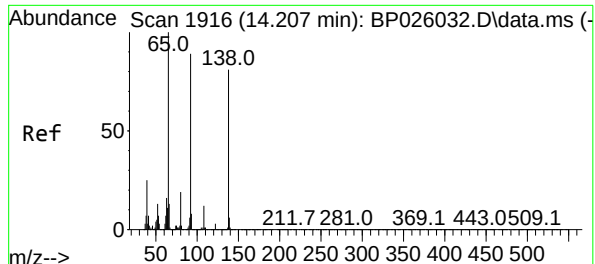


#52
Acenaphthene
Concen: 20.678 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion:154 Resp: 1102148
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.4
152 53.7 42.7 64.1





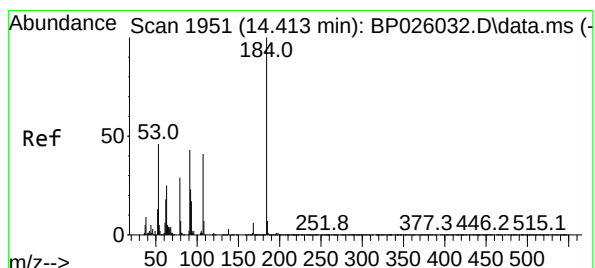
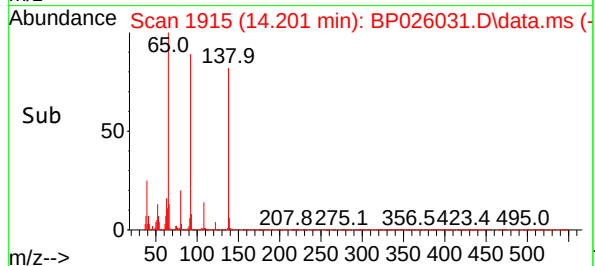
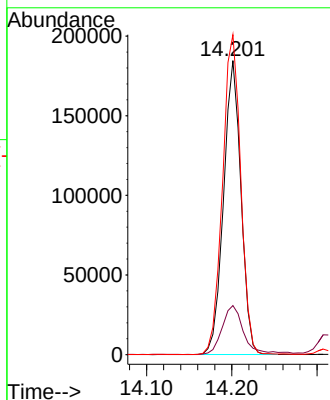
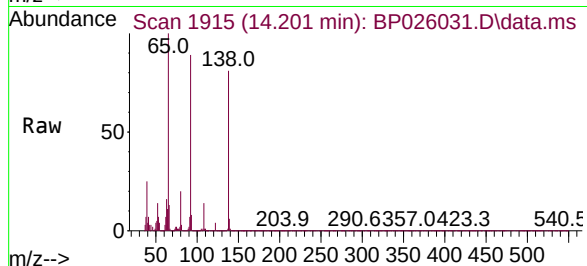
#53
3-Nitroaniline
Concen: 19.720 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 261900
Ion Ratio Lower Upper
138 100
108 16.7 11.4 17.0
92 108.8 87.1 130.7

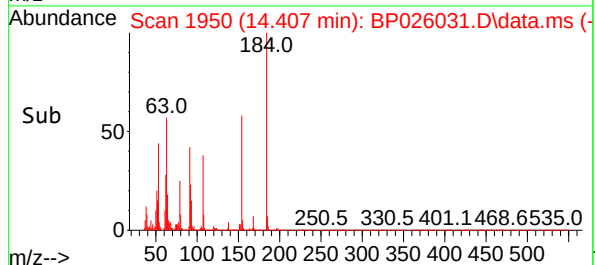
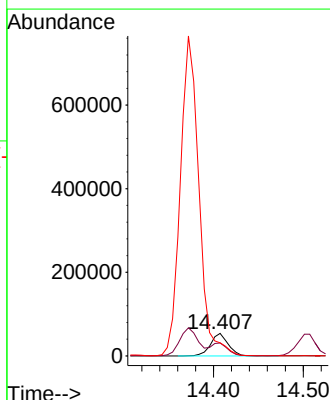
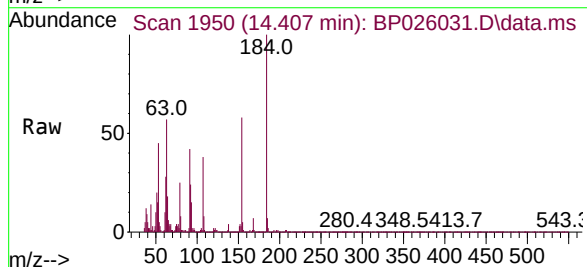
Manual Integrations
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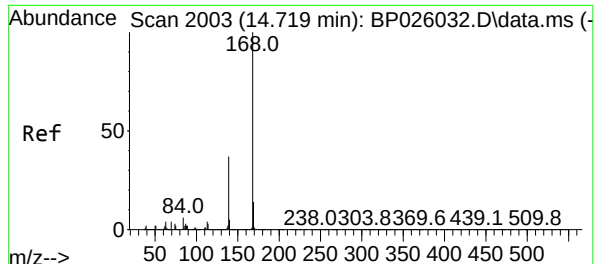
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 20.106 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:184 Resp: 72866
Ion Ratio Lower Upper
184 100
63 57.3 49.0 73.4
154 57.6 51.0 76.6





#55

Dibenzenofuran

Concen: 20.703 ng

RT: 14.713 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 1667180

Ion Ratio Lower Upper

168 100

139 36.3 29.7 44.5

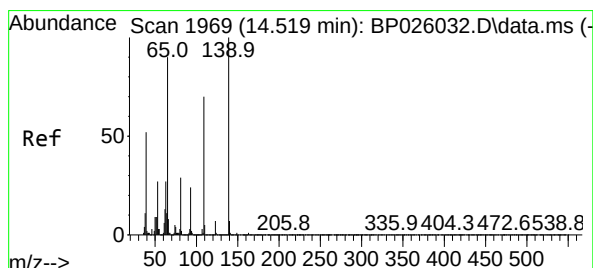
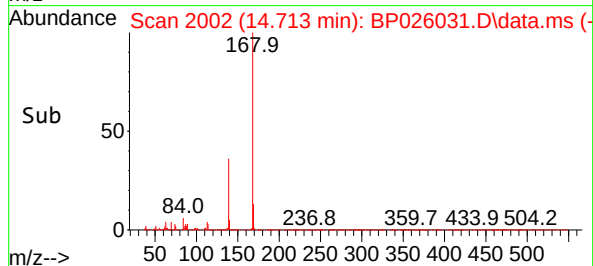
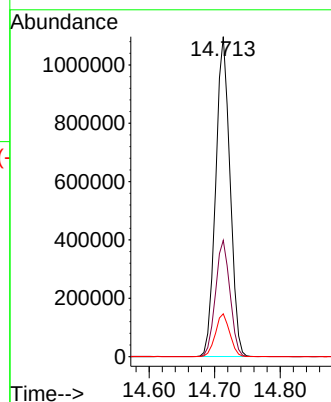
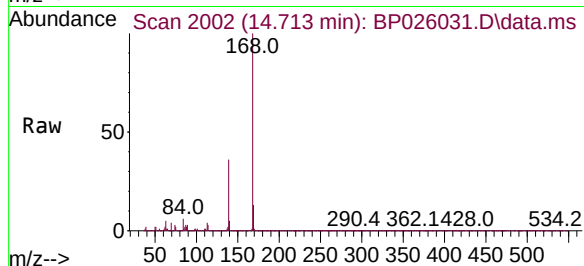
169 13.4 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 21.327 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

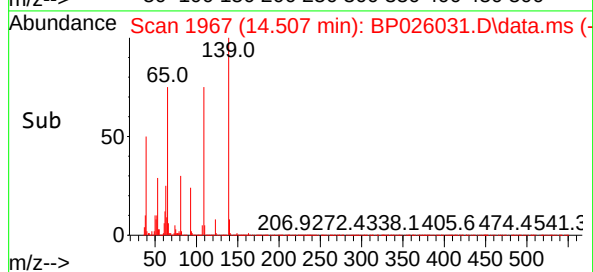
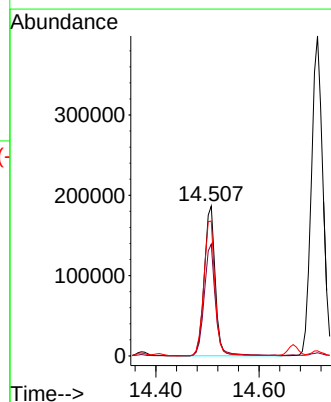
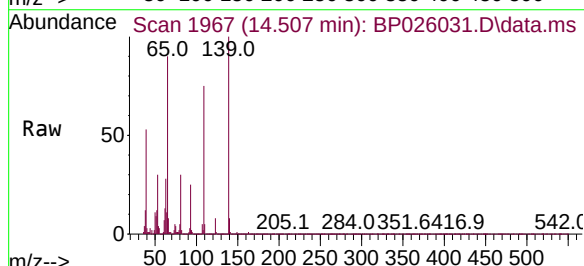
Tgt Ion:139 Resp: 273512

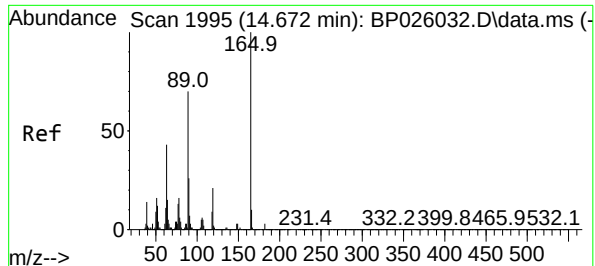
Ion Ratio Lower Upper

139 100

109 74.6 50.0 90.0

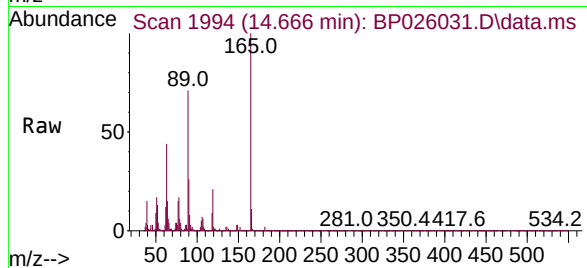
65 90.0 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 19.242 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

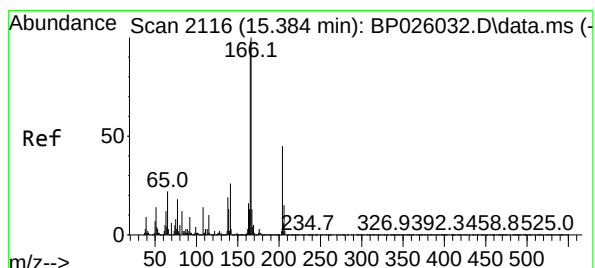
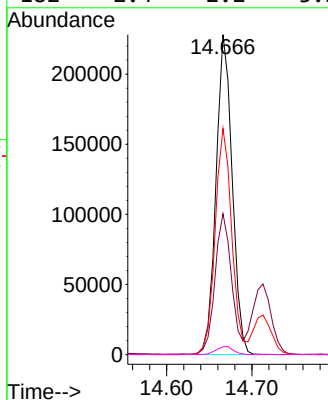
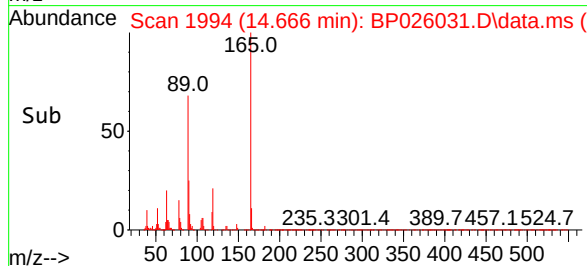
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 300694
Ion Ratio Lower Upper
165 100
63 44.0 34.2 51.2
89 70.7 56.0 84.0
182 2.4 2.2 3.2

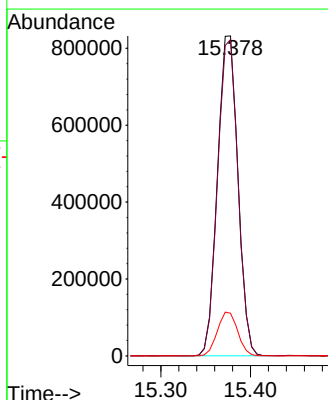
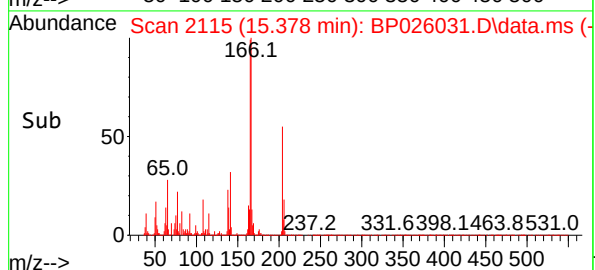
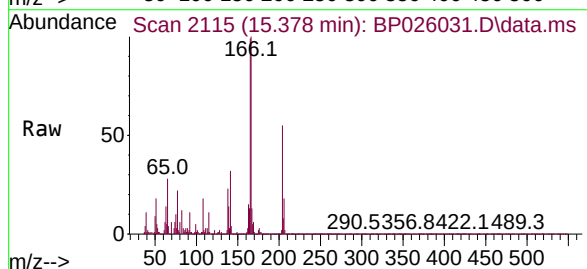
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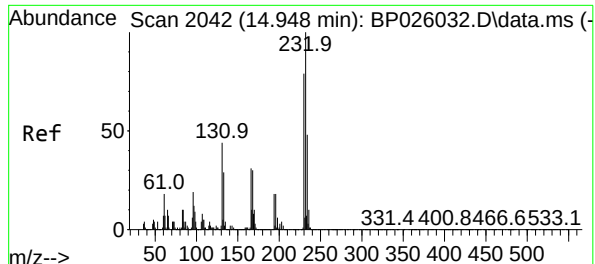
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 21.030 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:166 Resp: 1326773
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.145 ng

RT: 14.942 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 293495

Ion Ratio Lower Upper

232 100

131 44.9 35.2 52.8

130 2.4 1.7 2.5

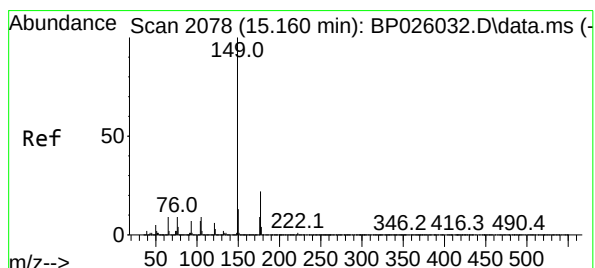
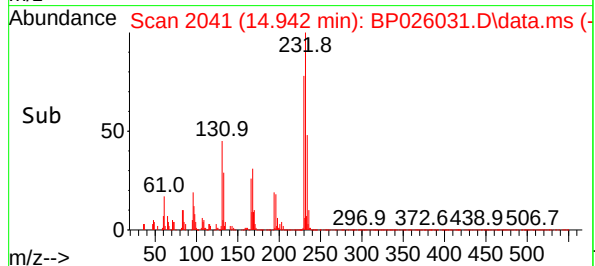
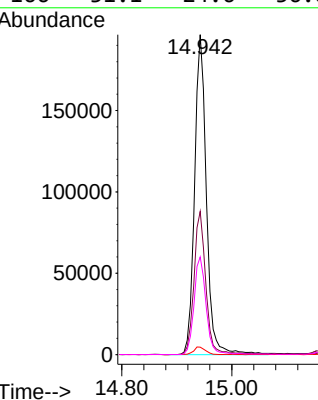
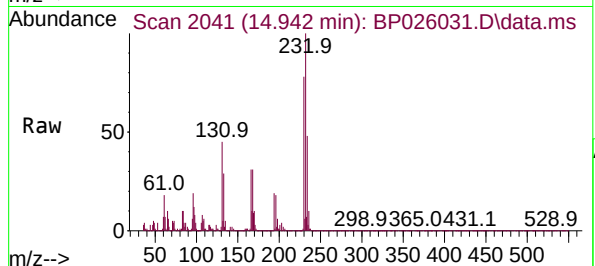
166 31.1 24.6 36.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#60

Diethylphthalate

Concen: 20.288 ng

RT: 15.154 min Scan# 2077

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

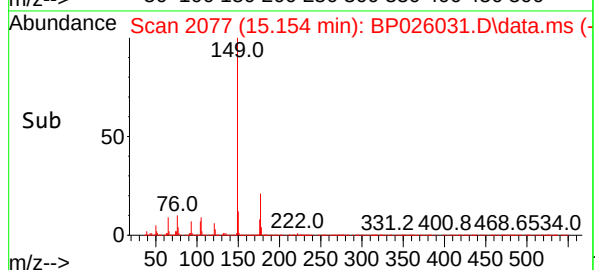
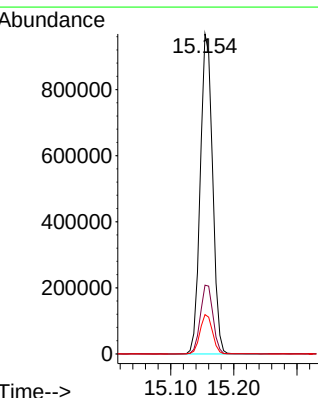
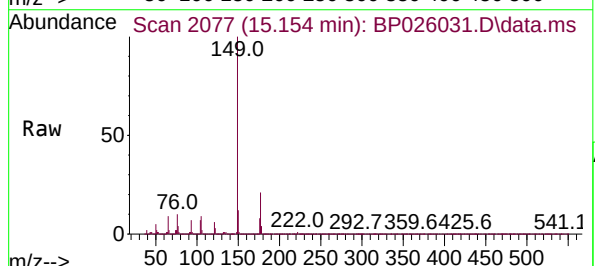
Tgt Ion:149 Resp: 1311790

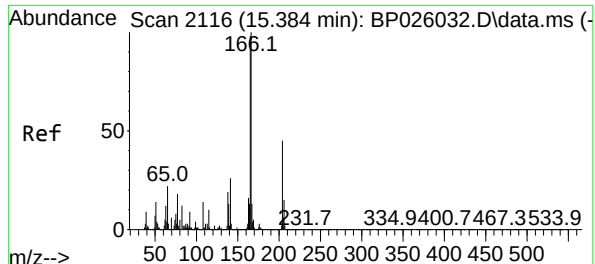
Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

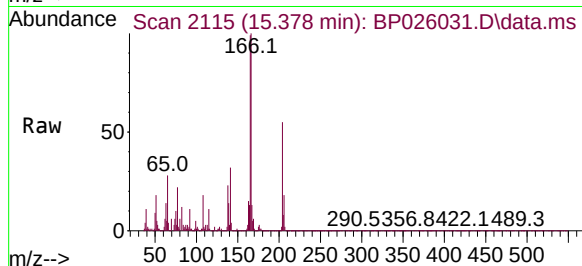
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 20.656 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

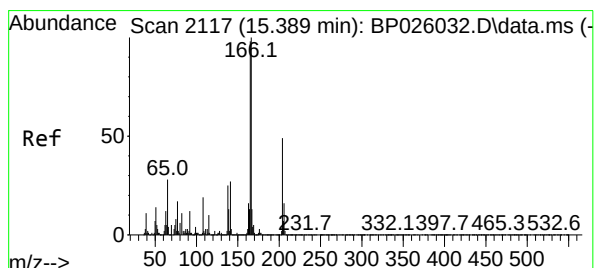
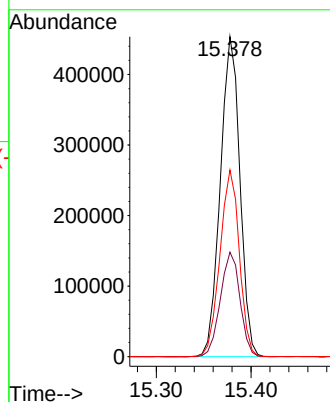
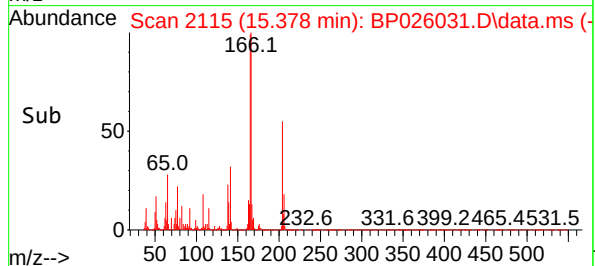
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 650778
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.3 47.0 70.4

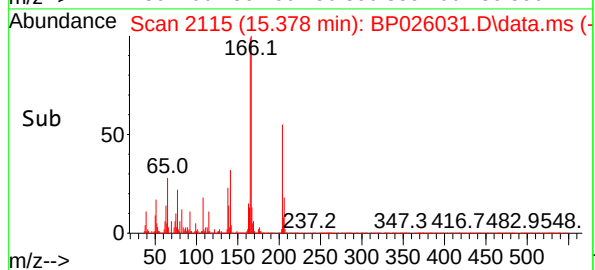
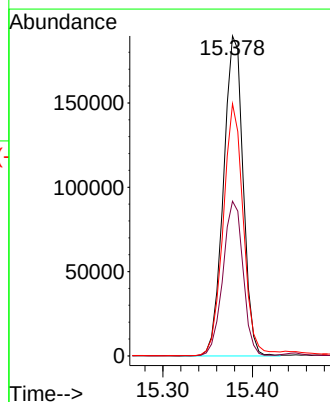
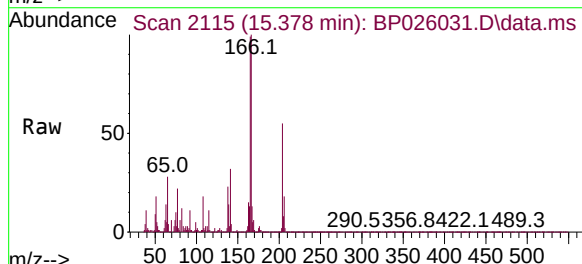
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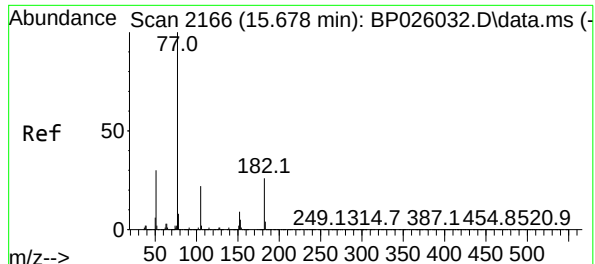
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 21.112 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

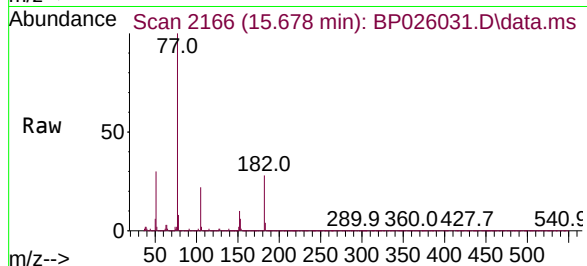
Tgt Ion:138 Resp: 290147
Ion Ratio Lower Upper
138 100
92 48.3 28.2 68.2
108 78.8 56.0 96.0





#63
Azobenzene
Concen: 20.597 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

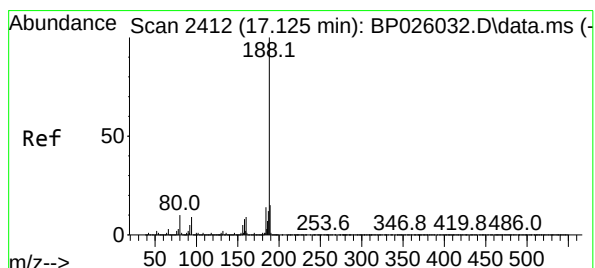
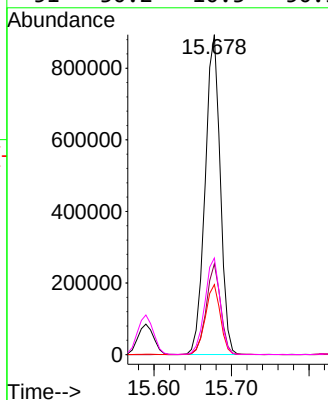
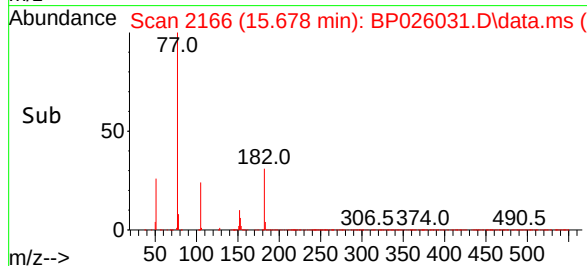
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 1206973
Ion Ratio Lower Upper
77 100
182 28.4 6.4 46.4
105 21.9 2.2 42.2
51 30.2 10.3 50.3

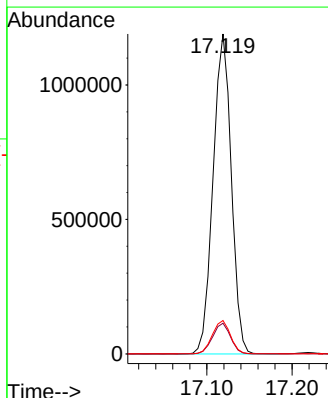
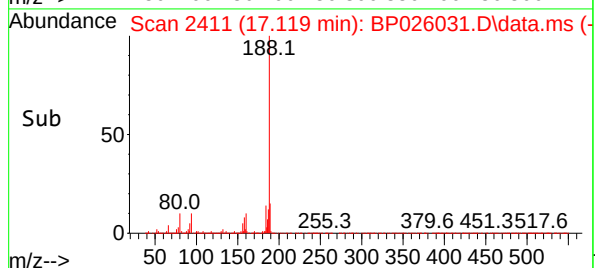
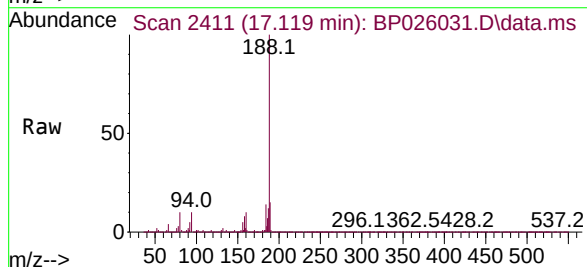
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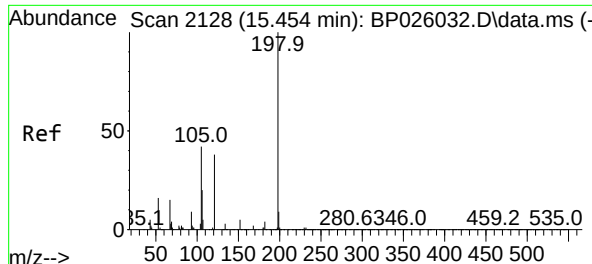
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:188 Resp: 1764983
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.4 7.9 11.9





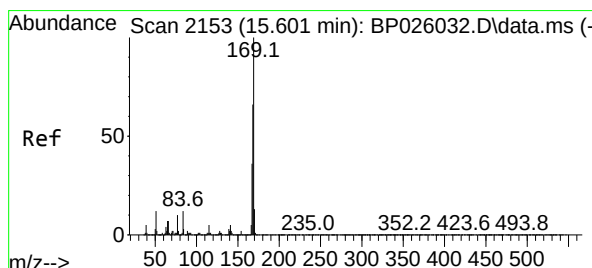
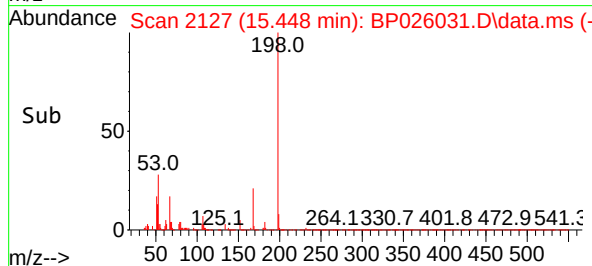
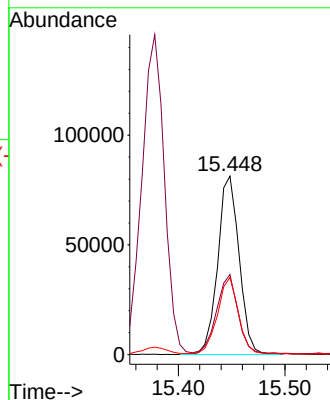
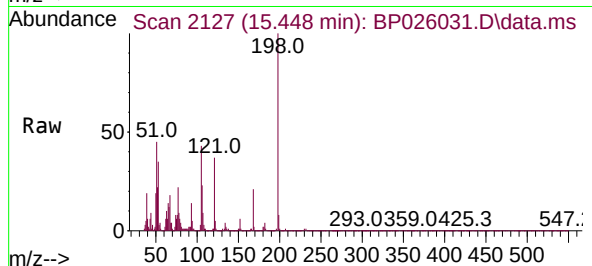
#65
4,6-Dinitro-2-methylphenol
Concen: 20.196 ng
RT: 15.448 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 11388
Ion Ratio Lower Upper
198 100
51 44.8 25.2 65.2
105 43.2 23.7 63.7

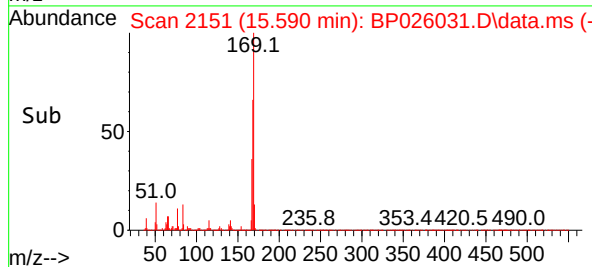
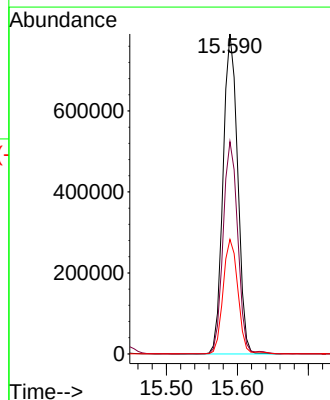
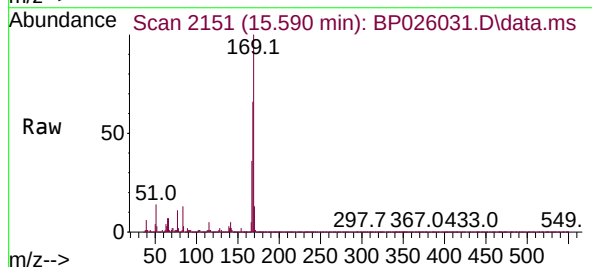
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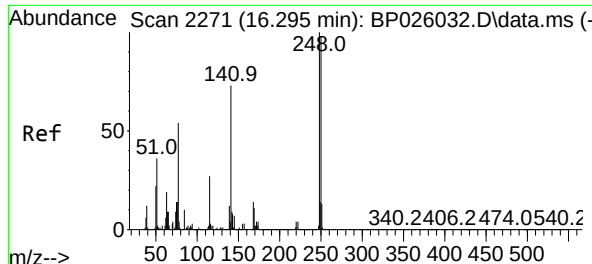
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 20.503 ng
RT: 15.590 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:169 Resp: 1131476
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 35.8 28.9 43.3





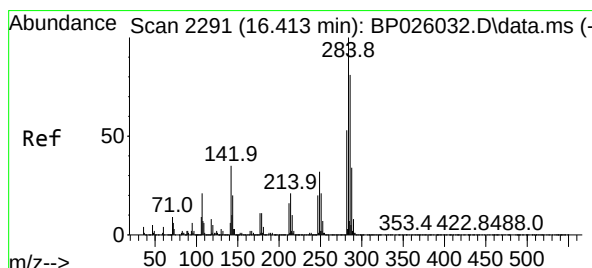
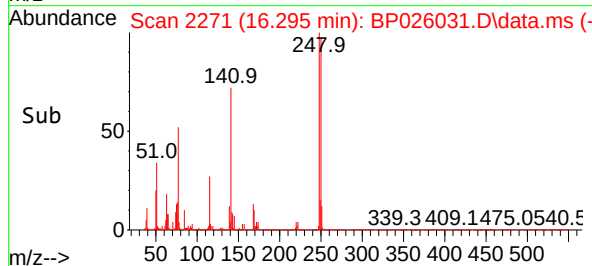
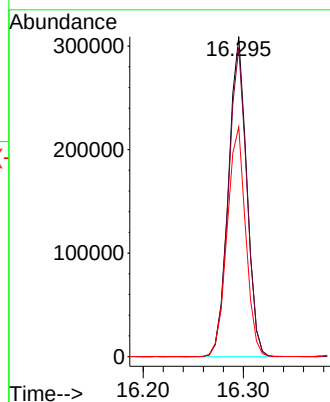
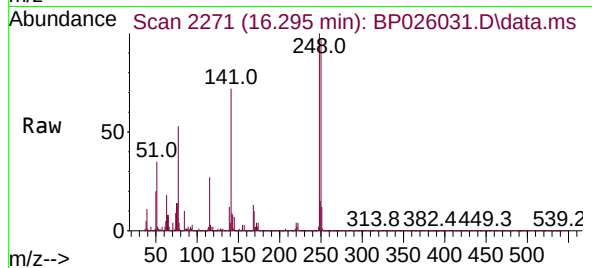
#67
4-Bromophenyl-phenylether
Concen: 19.995 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 391458
Ion Ratio Lower Upper
248 100
250 96.6 78.4 117.6
141 71.8 58.3 87.5

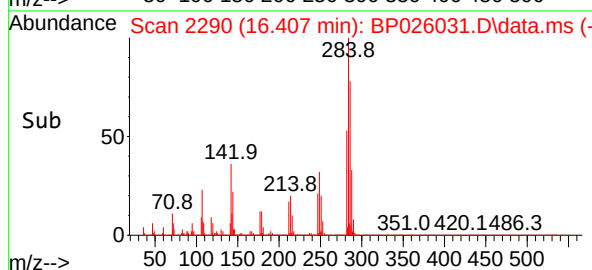
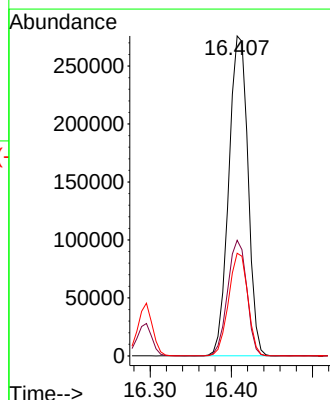
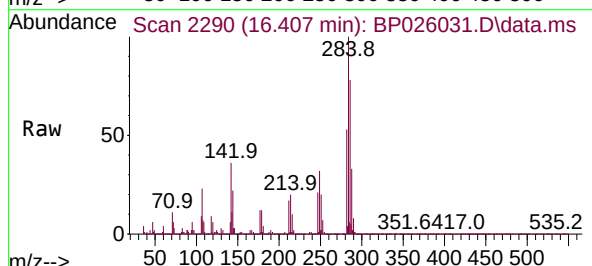
Manual Integrations
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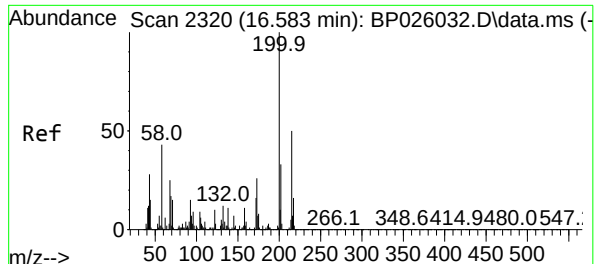
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 20.312 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:284 Resp: 452701
Ion Ratio Lower Upper
284 100
142 36.1 27.7 41.5
249 32.1 25.5 38.3





#69

Atrazine

Concen: 20.916 ng

RT: 16.572 min Scan# 2318

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

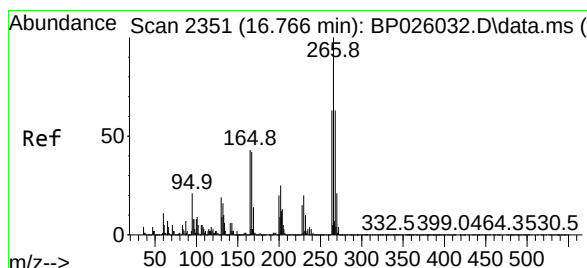
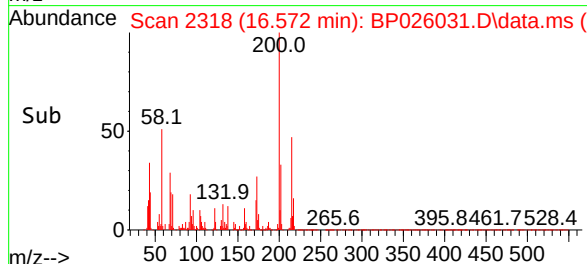
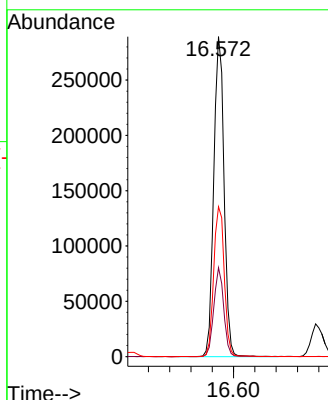
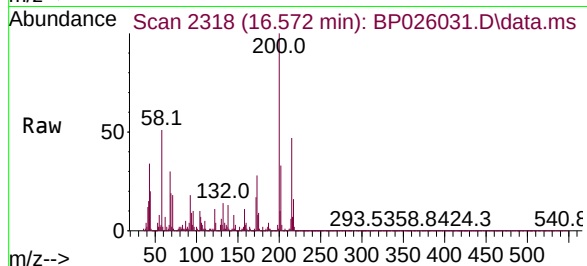
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.2	46.2
215	46.8	29.8	69.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 18.548 ng

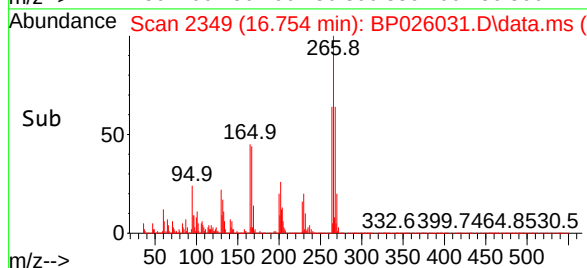
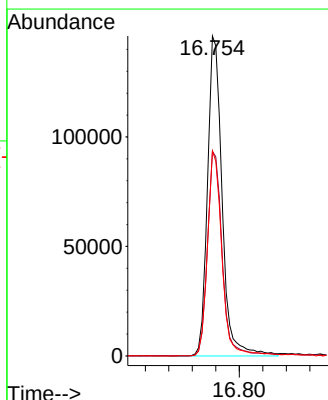
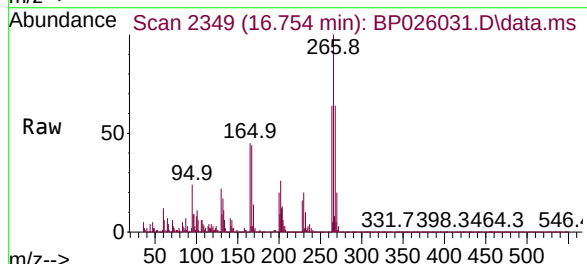
RT: 16.754 min Scan# 2349

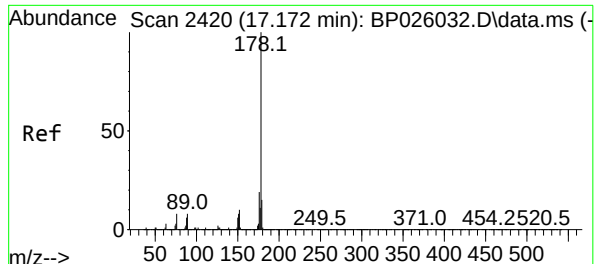
Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

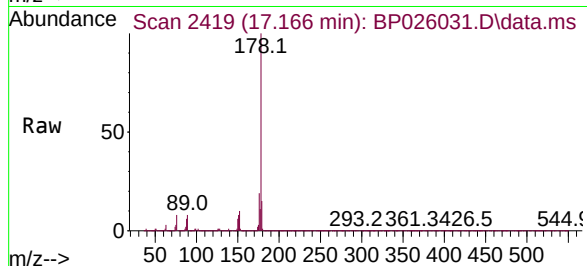
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	76.0
264	64.0	50.2	75.4





#71
Phenanthrene
Concen: 20.777 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

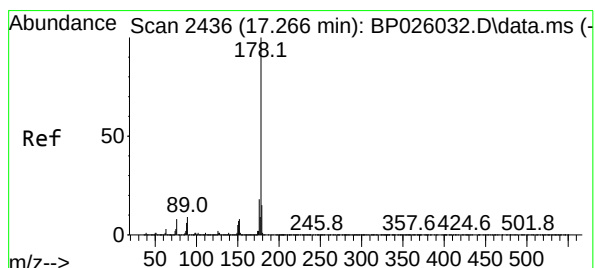
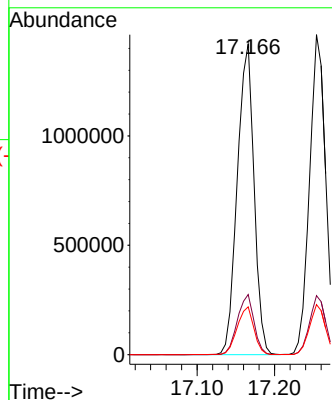
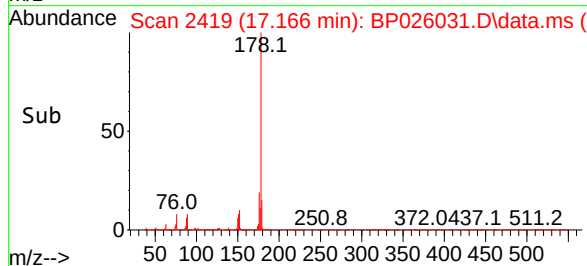
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:178 Resp: 2134410
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.3 18.5

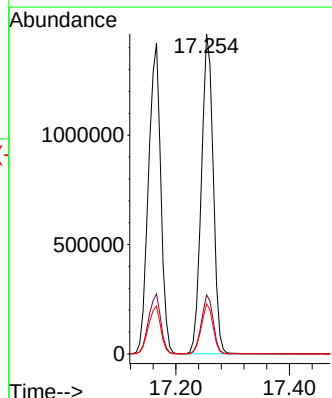
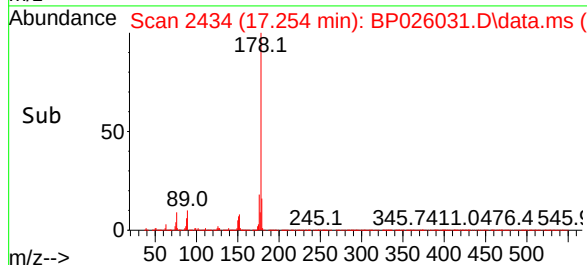
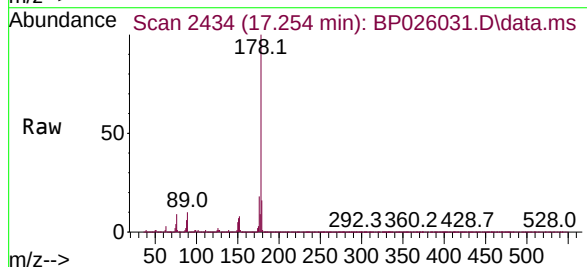
Manual Integrations
APPROVED

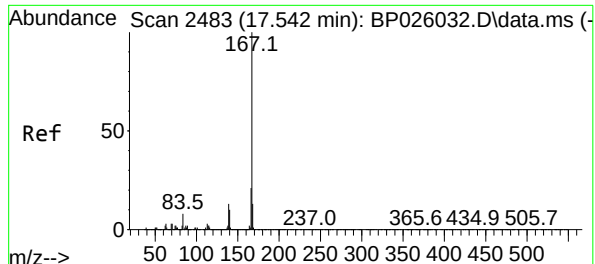
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 20.719 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

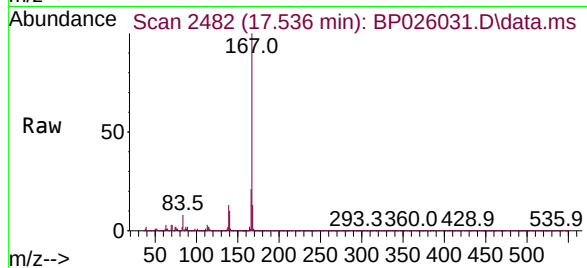
Tgt Ion:178 Resp: 2109900
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 21.318 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

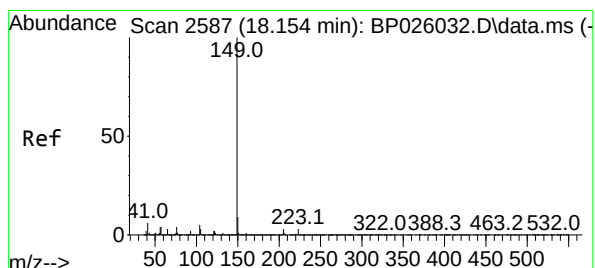
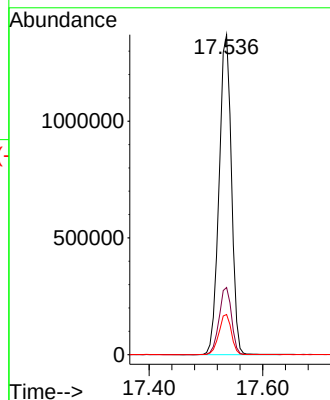
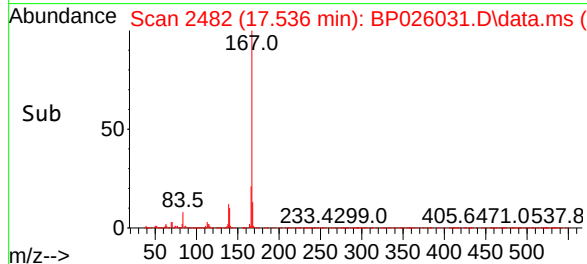
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 2054988
Ion Ratio Lower Upper
167 100
166 21.0 17.1 25.7
139 12.5 10.2 15.2

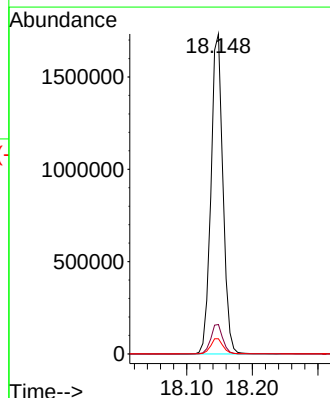
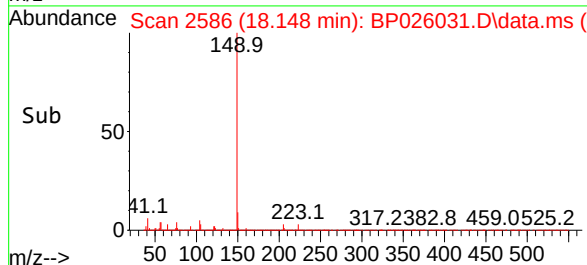
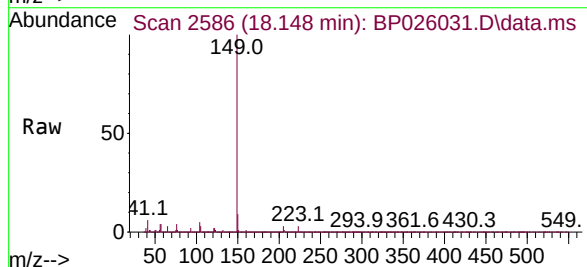
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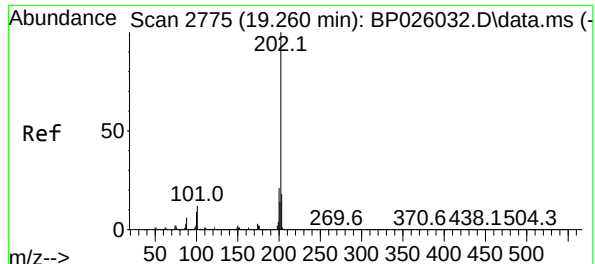
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 20.303 ng
RT: 18.148 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

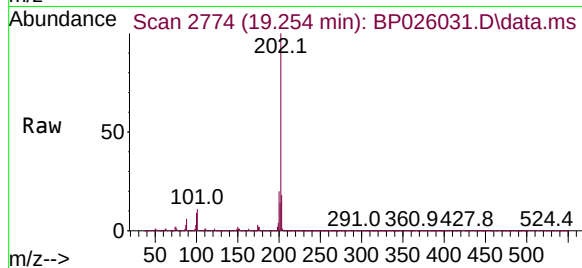
Tgt Ion:149 Resp: 2189917
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 21.002 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

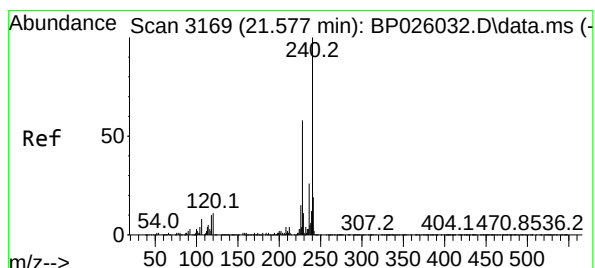
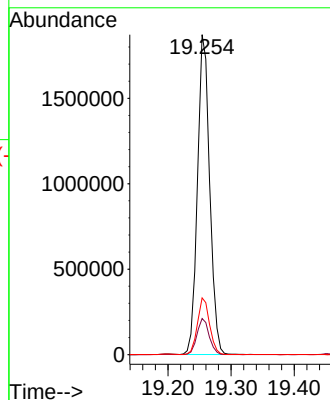
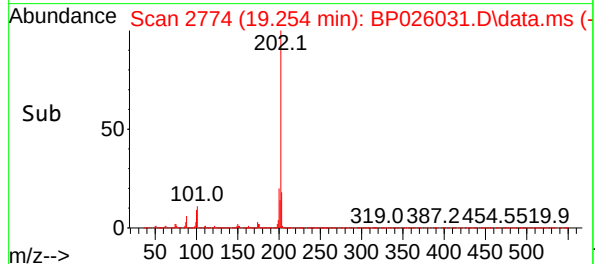
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 2516802
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.1
203 17.7 0.0 37.6

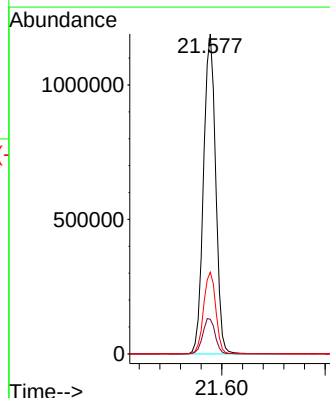
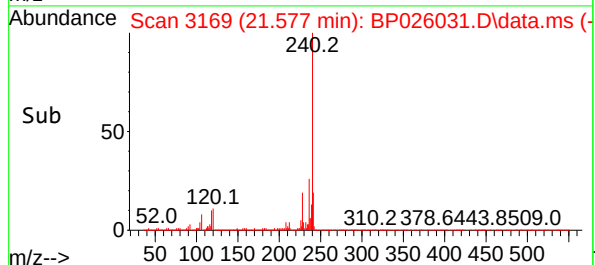
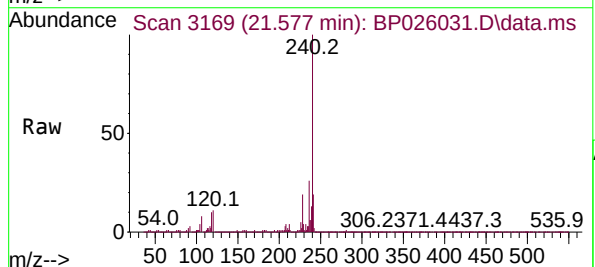
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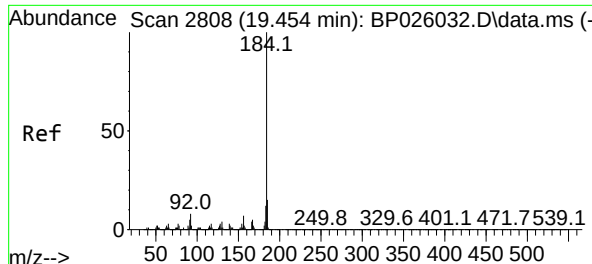
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

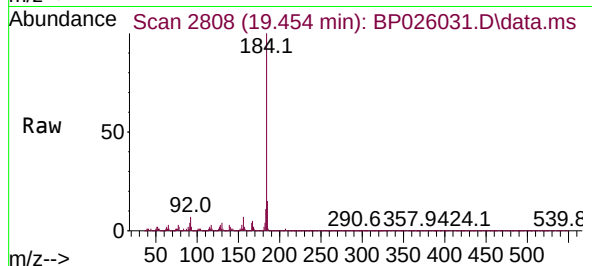
Tgt Ion:240 Resp: 1935916
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.5 20.6 31.0





#77
Benzidine
Concen: 20.030 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

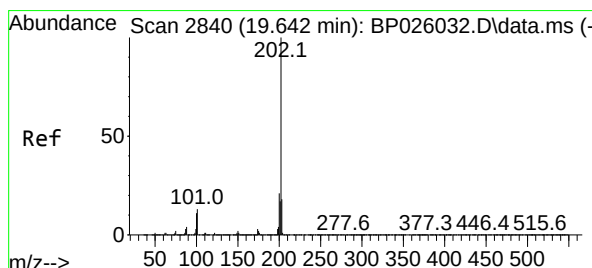
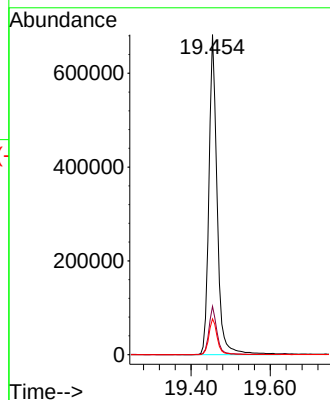
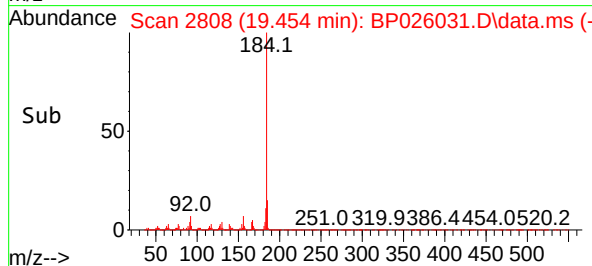
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 984237
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.2 9.2 13.8

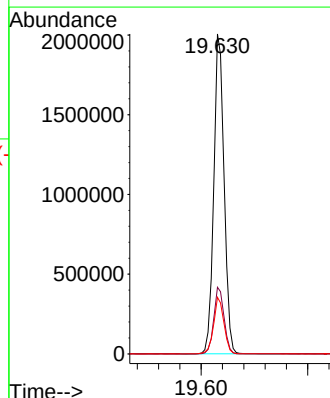
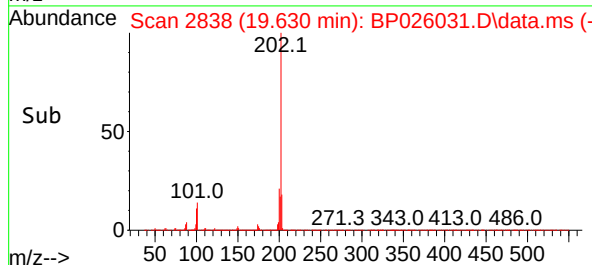
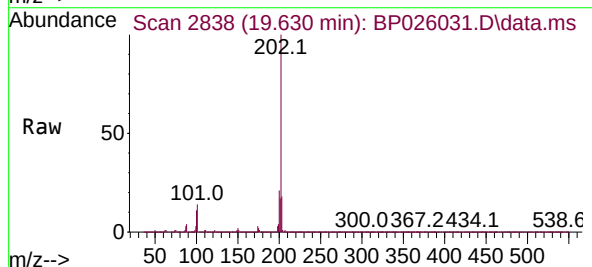
Manual Integrations
APPROVED

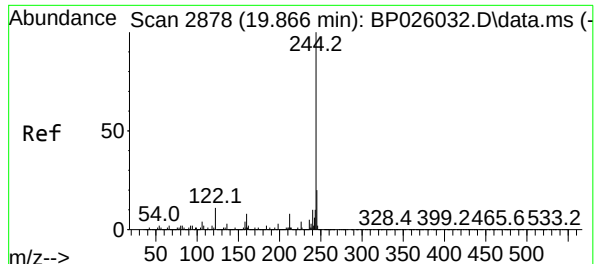
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 20.628 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

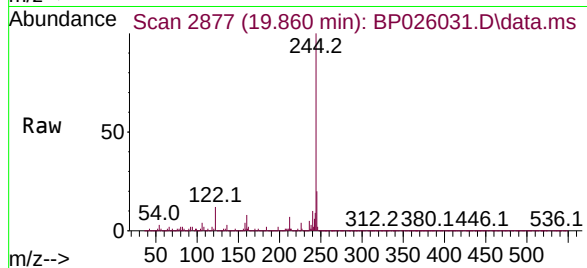
Tgt Ion:202 Resp: 2700976
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 41.147 ng
RT: 19.860 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

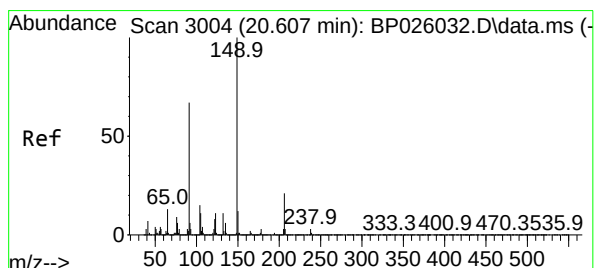
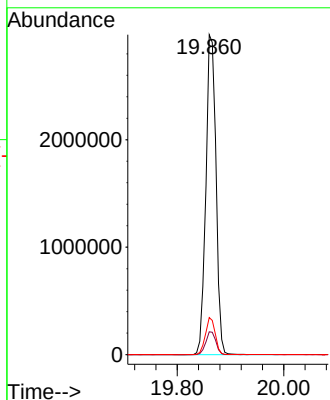
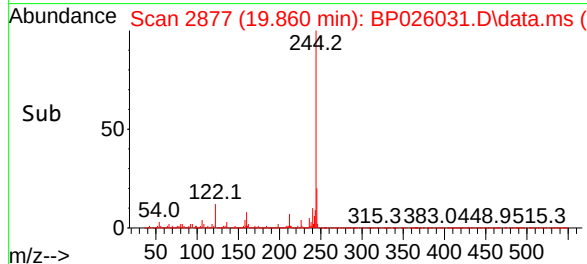
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion: 244 Resp: 3920732
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 11.6 9.0 13.6

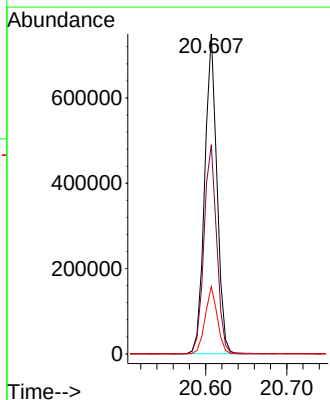
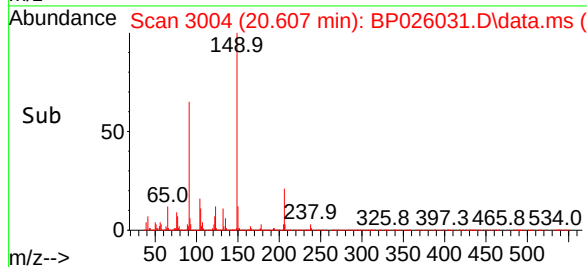
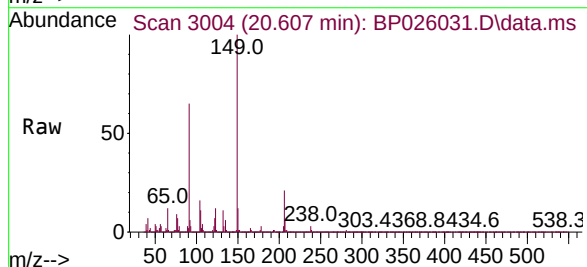
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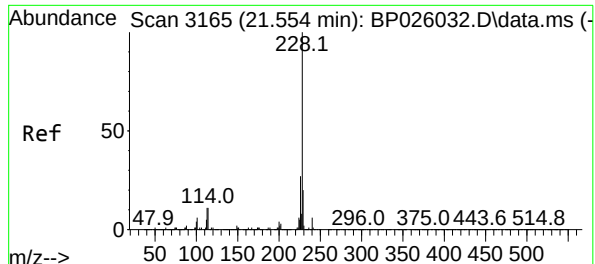
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 18.358 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 149 Resp: 787044
Ion Ratio Lower Upper
149 100
91 65.4 53.5 80.3
206 21.0 16.6 25.0





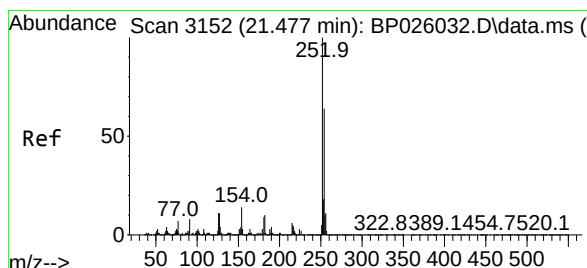
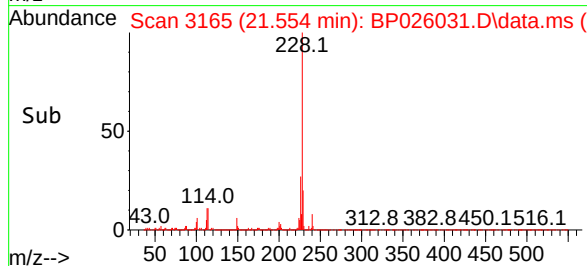
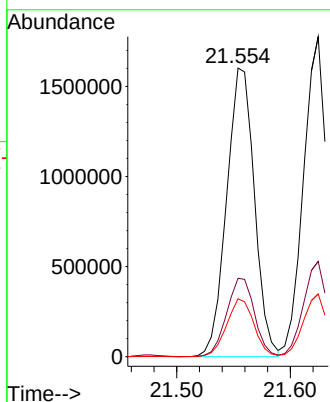
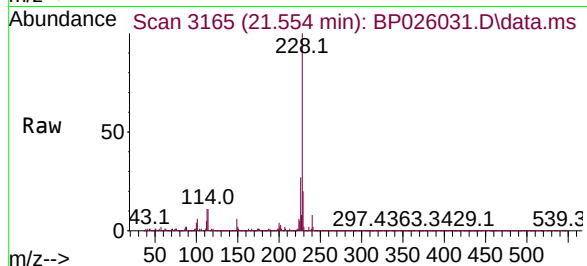
#81
Benzo(a)anthracene
Concen: 20.474 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 272371
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.1 15.8 23.8

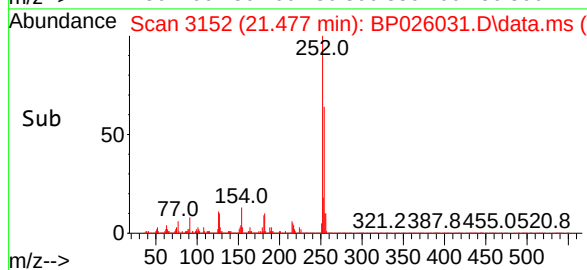
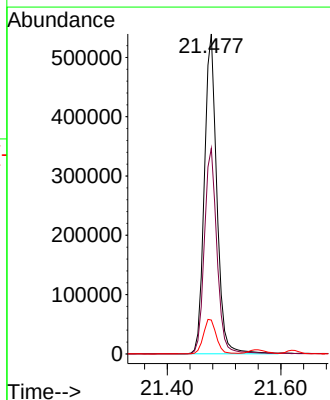
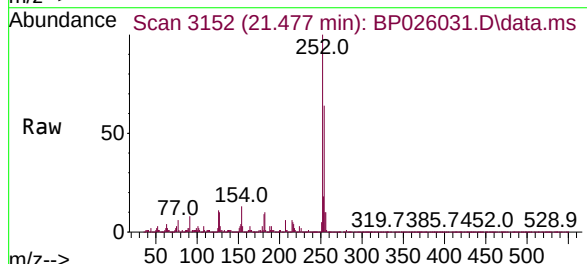
Manual Integrations
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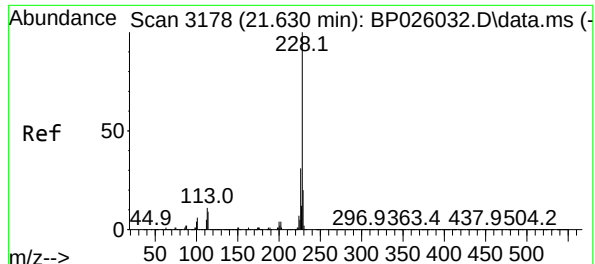
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.160 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:252 Resp: 821245
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 10.6 9.1 13.7





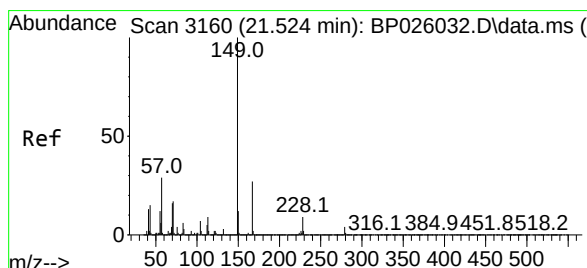
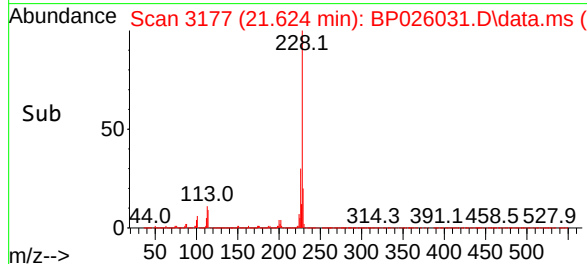
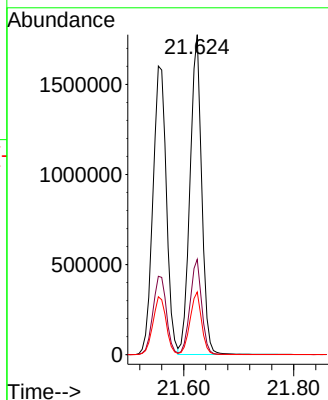
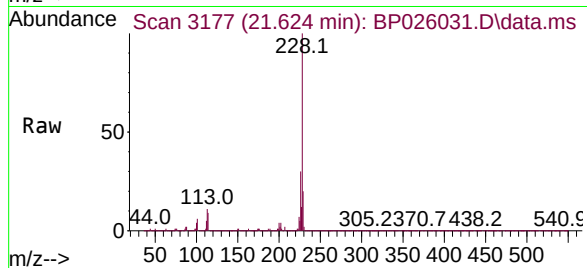
#83
Chrysene
Concen: 20.715 ng
RT: 21.624 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 261044
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.6 16.0 24.0

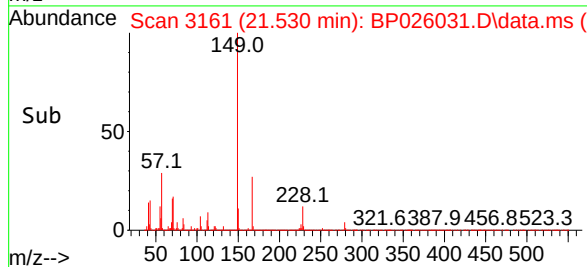
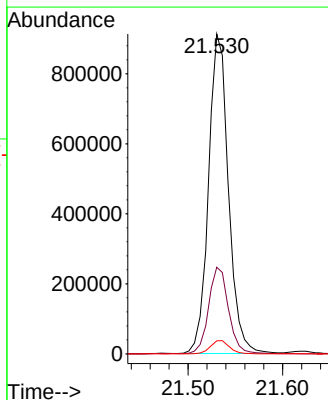
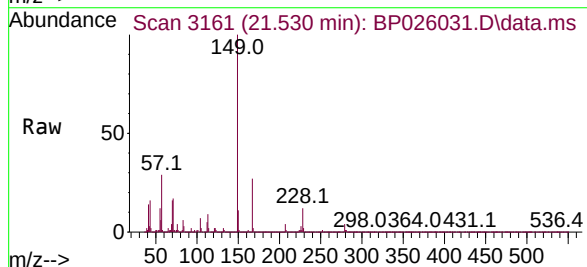
Manual Integrations
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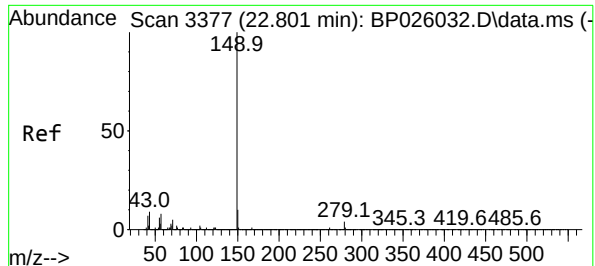
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.694 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:149 Resp: 1336224
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 4.1 3.0 4.6





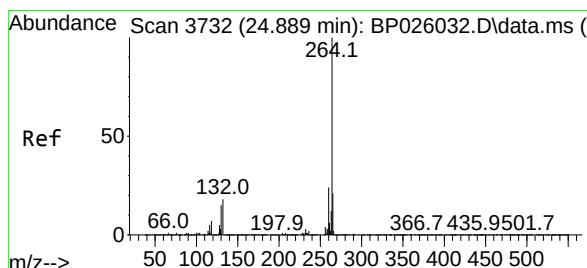
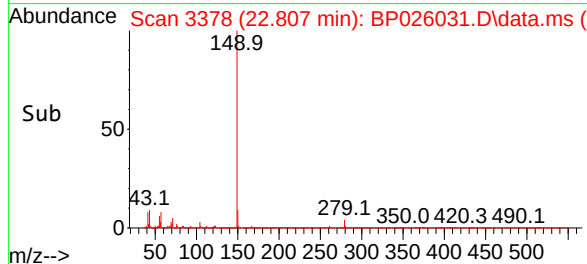
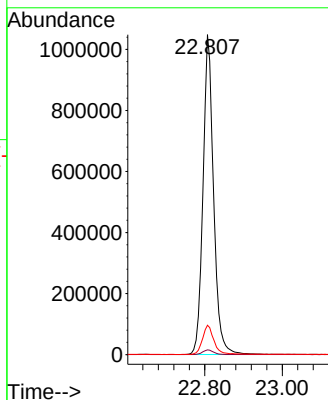
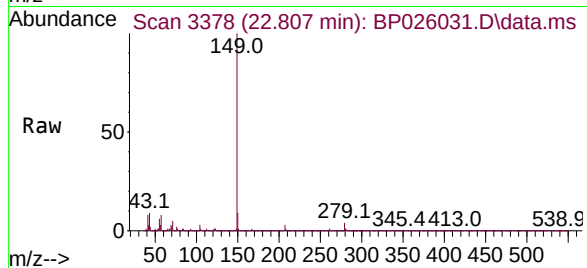
#85
Di-n-octyl phthalate
Concen: 17.224 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1984874
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 7.6 11.4

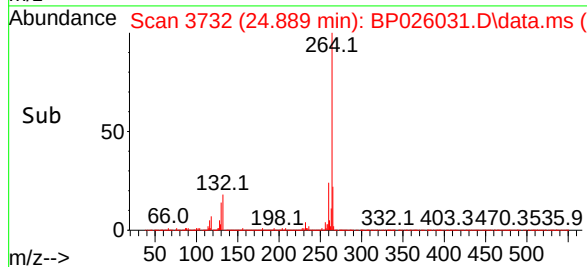
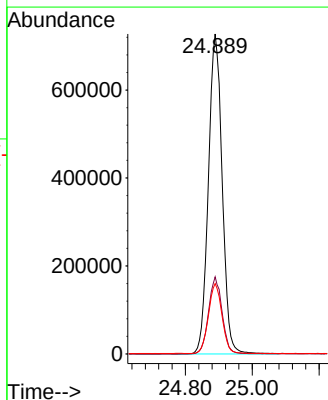
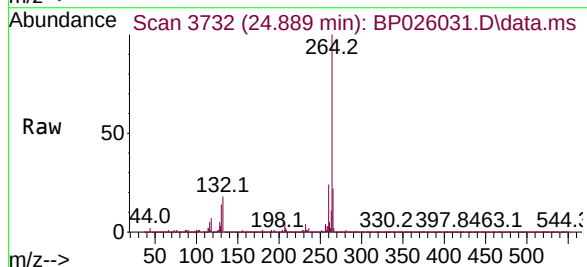
Manual Integrations
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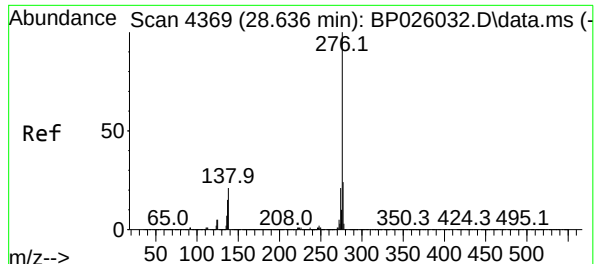
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:264 Resp: 2082873
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.0 17.2 25.8





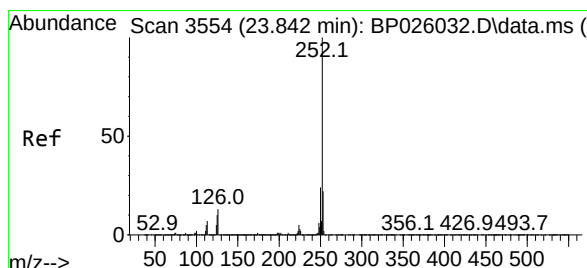
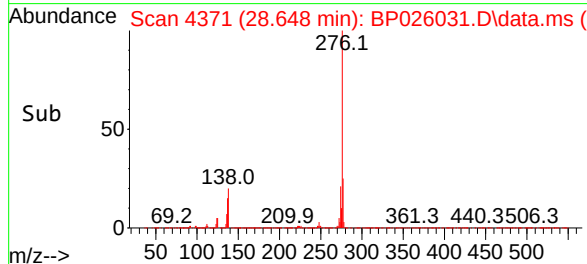
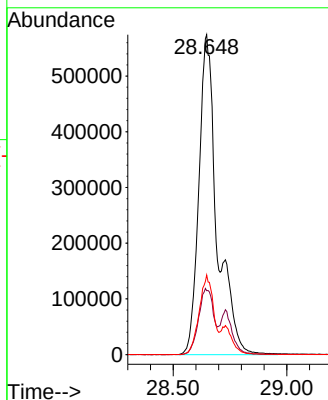
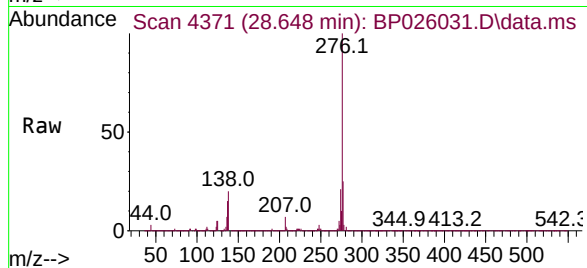
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.856 ng m
RT: 28.648 min Scan# 4369
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 3205879
Ion Ratio Lower Upper
276 100
138 17.0 13.2 19.8
277 19.4 16.3 24.5

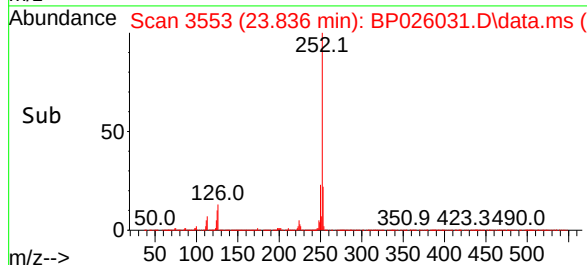
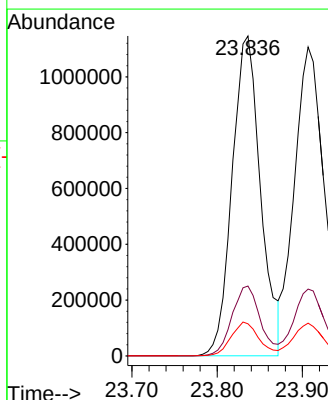
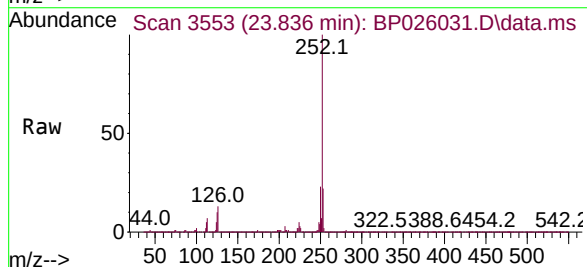
Manual Integrations
APPROVED

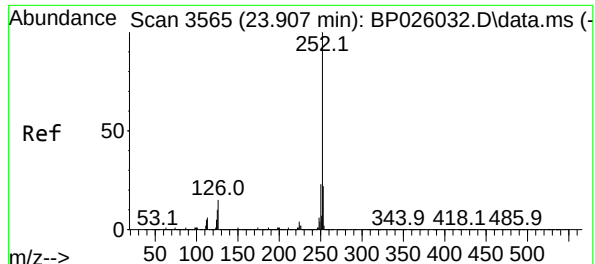
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 20.584 ng
RT: 23.836 min Scan# 3553
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:252 Resp: 2661543
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 20.602 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.017 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 2720350

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

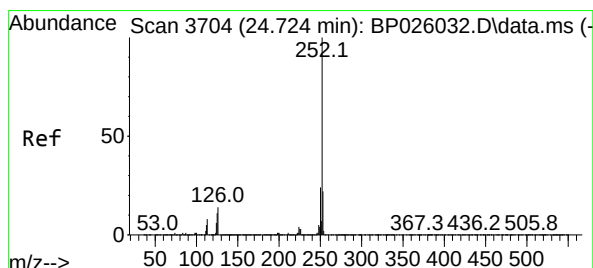
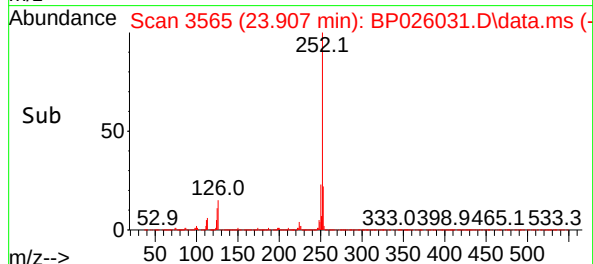
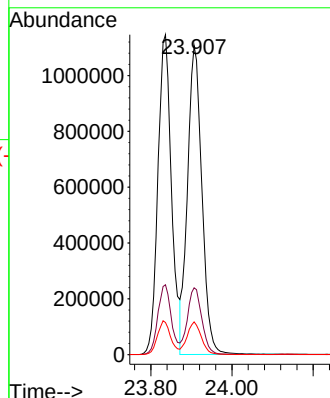
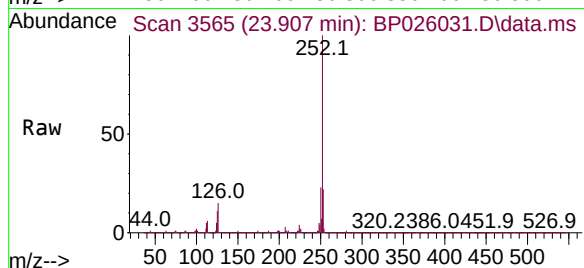
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 20.541 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

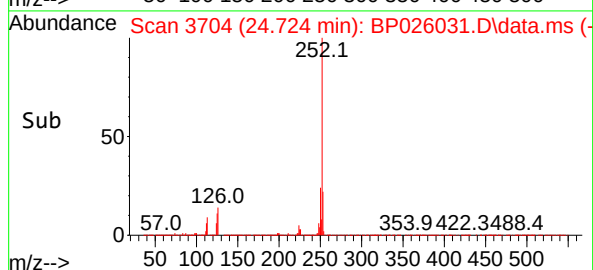
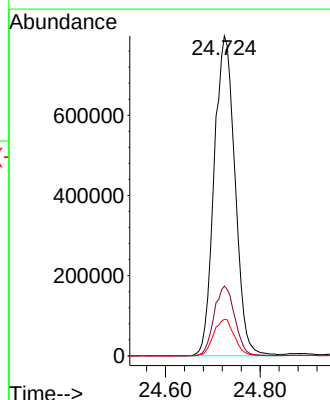
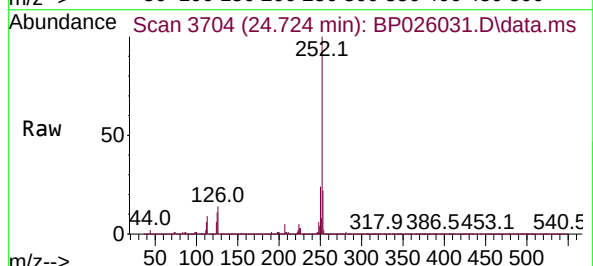
Tgt Ion:252 Resp: 2440075

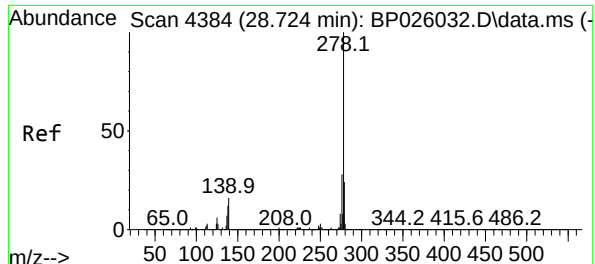
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

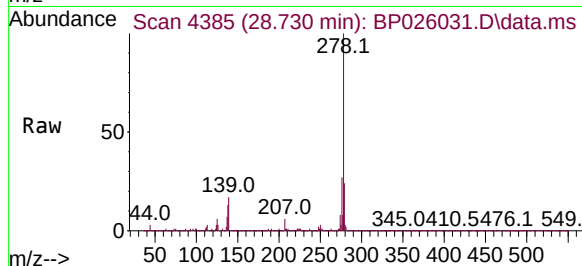
125 11.4 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 20.785 ng
RT: 28.730 min Scan# 4384
Delta R.T. -0.017 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

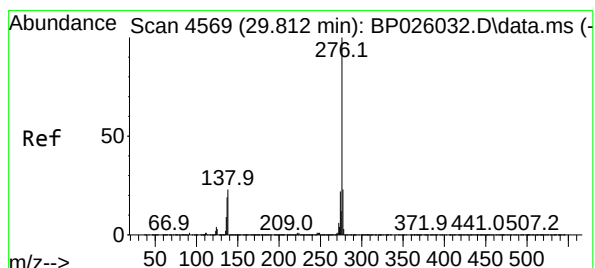
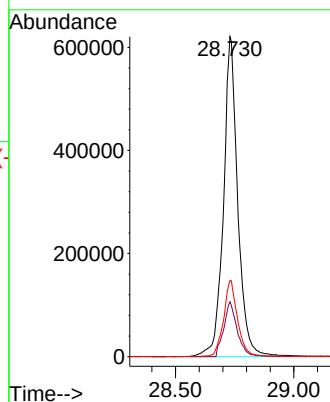
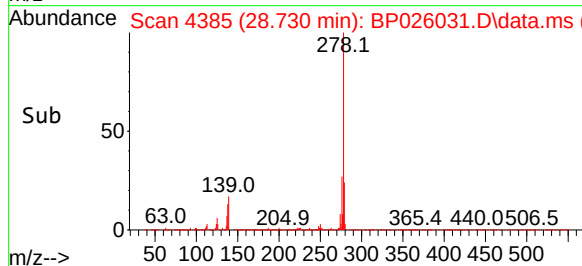
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 2601046
Ion Ratio Lower Upper
278 100
139 17.1 13.0 19.6
279 23.8 18.9 28.3

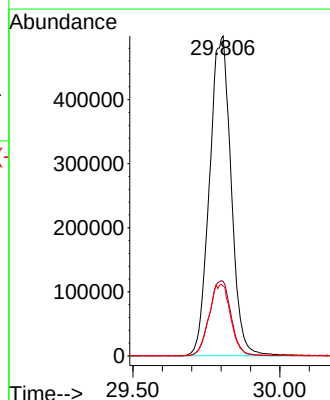
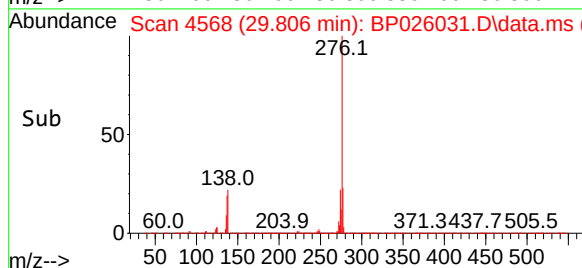
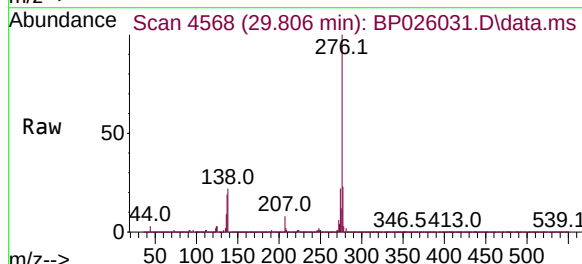
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 21.078 ng
RT: 29.806 min Scan# 4568
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 276 Resp: 2538211
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 21.9 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026032.D
Acq On : 29 Oct 2025 12:10
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	293060	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1204929	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	764236	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1555861	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1646604	20.000	ng	0.01
86) Perylene-d12	24.889	264	1760712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1464250	82.445	ng	0.00
7) Phenol-d6	6.855	99	1882712	83.286	ng	0.00
23) Nitrobenzene-d5	8.825	82	1630132	84.339	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	722838	87.488	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4342634	81.651	ng	-0.01
79) Terphenyl-d14	19.866	244	6676375	82.377	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	302066	40.344	ng	100
3) Pyridine	3.625	79	867862	40.775	ng	100
4) n-Nitrosodimethylamine	3.537	42	342452	40.144	ng	100
6) Aniline	7.019	93	1237729	41.026	ng	100
8) 2-Chlorophenol	7.255	128	822579	41.826	ng	100
9) Benzaldehyde	6.831	77	474239	40.357	ng	100
10) Phenol	6.884	94	1039468	41.420	ng	100
11) bis(2-Chloroethyl)ether	7.119	93	804729	40.632	ng	100
12) 1,3-Dichlorobenzene	7.578	146	921791	40.813	ng	100
13) 1,4-Dichlorobenzene	7.719	146	925177	40.514	ng	100
14) 1,2-Dichlorobenzene	8.031	146	888039	40.753	ng	100
15) Benzyl Alcohol	7.913	79	668211	41.003	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1230074	41.095	ng	100
17) 2-Methylphenol	8.113	107	688795	41.915	ng	100
18) Hexachloroethane	8.760	117	323386	41.385	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	601712	42.881	ng	100
20) 3+4-Methylphenols	8.437	107	945490	41.358	ng	100
22) Acetophenone	8.490	105	1247543	40.939	ng	100
24) Nitrobenzene	8.866	77	859810	42.132	ng	100
25) Isophorone	9.390	82	1734781	41.932	ng	100
26) 2-Nitrophenol	9.566	139	308209	41.419	ng	100
27) 2,4-Dimethylphenol	9.631	122	728530	41.876	ng	100
28) bis(2-Chloroethoxy)met...	9.866	93	1076336	41.282	ng	100
29) 2,4-Dichlorophenol	10.101	162	788938	42.949	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	817950	40.968	ng	100
31) Naphthalene	10.501	128	2686976	40.893	ng	100
32) Benzoic acid	9.743	122	404584	40.754	ng	100
33) 4-Chloroaniline	10.601	127	1052918	41.701	ng	100
34) Hexachlorobutadiene	10.801	225	520749	41.043	ng	100
35) Caprolactam	11.360	113	271877	42.147	ng	100
36) 4-Chloro-3-methylphenol	11.731	107	831835	43.198	ng	100
37) 2-Methylnaphthalene	12.119	142	1916037	41.663	ng	100
38) 1-Methylnaphthalene	12.337	142	1850373	41.416	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	966620	40.707	ng	100
41) Hexachlorocyclopentadiene	12.478	237	361557	41.615	ng	100
43) 2,4,6-Trichlorophenol	12.725	196	614032	43.748	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026032.D
 Acq On : 29 Oct 2025 12:10
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

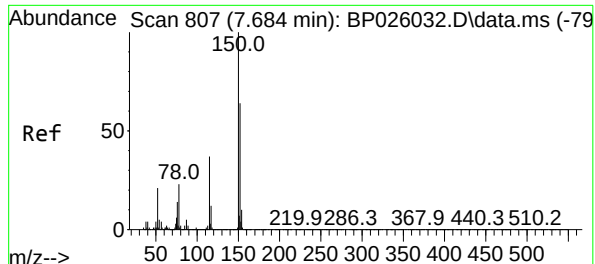
Quant Time: Oct 29 18:08:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	697254	43.536	ng	100
46) 1,1'-Biphenyl	13.137	154	2384975	40.756	ng	100
47) 2-Chloronaphthalene	13.172	162	1878852	40.808	ng	100
48) 2-Nitroaniline	13.372	65	464490	40.401	ng	100
49) Acenaphthylene	14.031	152	2800152	41.727	ng	100
50) Dimethylphthalate	13.772	163	2326622	41.854	ng	100
51) 2,6-Dinitrotoluene	13.878	165	402854	39.911	ng	100
52) Acenaphthene	14.378	154	1909071	41.440	ng	100
53) 3-Nitroaniline	14.207	138	495409	40.022	ng	100
54) 2,4-Dinitrophenol	14.413	184	153212	40.475	ng	100
55) Dibenzofuran	14.719	168	2856737	41.043	ng	100
56) 4-Nitrophenol	14.519	139	436072	39.340	ng	100
57) 2,4-Dinitrotoluene	14.672	165	600497	40.877	ng	100
58) Fluorene	15.384	166	2216283	40.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	556750	44.213	ng	100
60) Diethylphthalate	15.160	149	2367180	42.357	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	1116700	41.008	ng	100
62) 4-Nitroaniline	15.389	138	522724	44.005	ng	100
63) Azobenzene	15.678	77	2107059	41.601	ng	100
65) 4,6-Dinitro-2-methylph...	15.454	198	237899	39.981	ng	100
66) n-Nitrosodiphenylamine	15.601	169	2012448	41.369	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	710184	41.150	ng	100
68) Hexachlorobenzene	16.413	284	801740	40.808	ng	100
69) Atrazine	16.583	200	681323	41.518	ng	100
70) Pentachlorophenol	16.766	266	499791	41.647	ng	100
71) Phenanthrene	17.172	178	3699137	40.848	ng	100
72) Anthracene	17.266	178	3661573	40.790	ng	100
73) Carbazole	17.542	167	3513761	41.351	ng	100
74) Di-n-butylphthalate	18.154	149	4146570	43.610	ng	100
75) Fluoranthene	19.260	202	4389430	41.552	ng	100
77) Benzidine	19.454	184	1702883	40.744	ng	100
78) Pyrene	19.642	202	4699012	42.194	ng	100
80) Butylbenzylphthalate	20.607	149	1633601	39.905	ng	100
81) Benzo(a)anthracene	21.554	228	4675082	41.317	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	1520065	41.695	ng	100
83) Chrysene	21.630	228	4430345	41.334	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	2729269	41.098	ng	100
85) Di-n-octyl phthalate	22.801	149	4237623	43.233	ng	100
87) Indeno(1,2,3-cd)pyrene	28.636	276	5507457	42.386	ng	100
88) Benzo(b)fluoranthene	23.842	252	4599800	42.083	ng	100
89) Benzo(k)fluoranthene	23.907	252	4686005	41.983	ng	100
90) Benzo(a)pyrene	24.724	252	4261972	42.443	ng	100
91) Dibenzo(a,h)anthracene	28.724	278	4484851	42.397	ng	100
92) Benzo(g,h,i)perylene	29.812	276	4266684	41.915	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

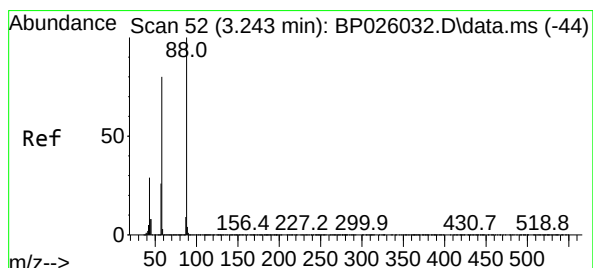
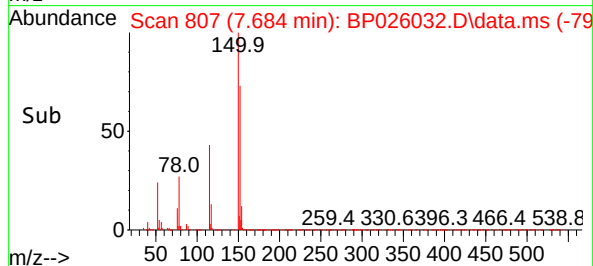
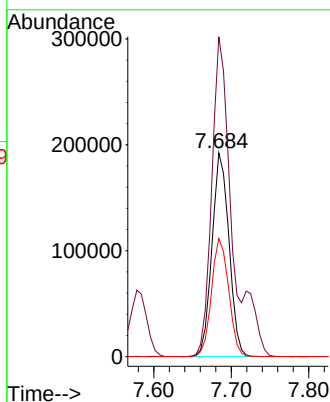
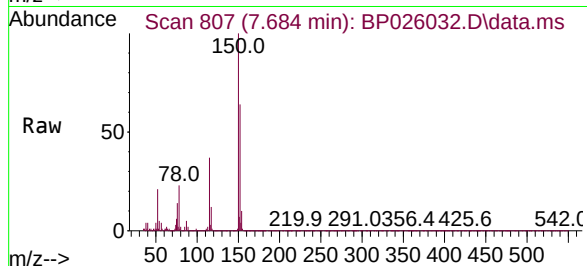
- 1
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- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

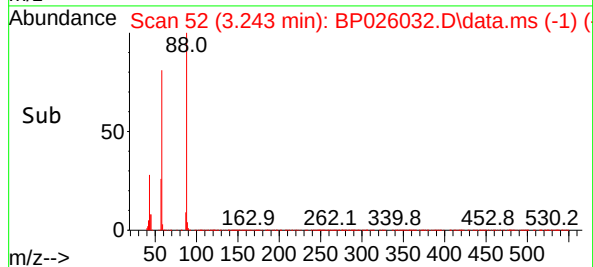
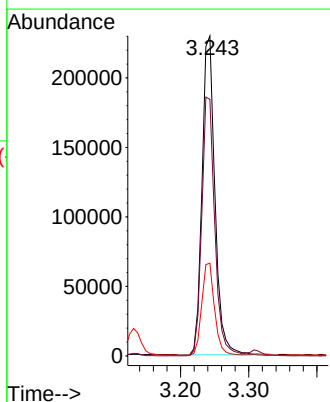
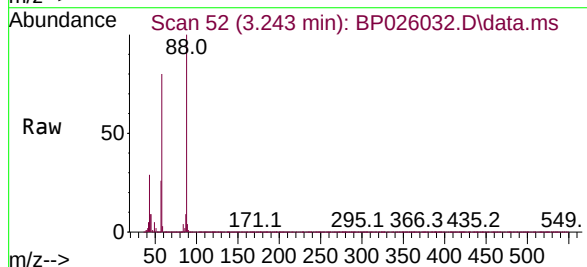
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

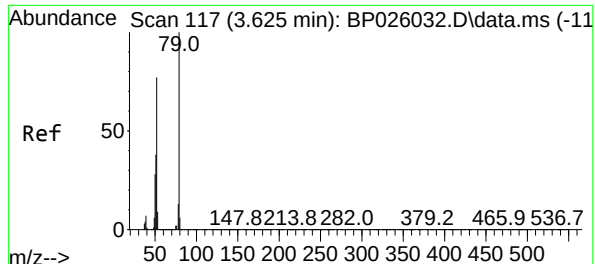
Tgt Ion:152 Resp: 293060
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.0 46.4 69.6



#2
1,4-Dioxane
Concen: 40.344 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 88 Resp: 302066
Ion Ratio Lower Upper
88 100
58 81.7 65.4 98.0
43 28.9 23.1 34.7

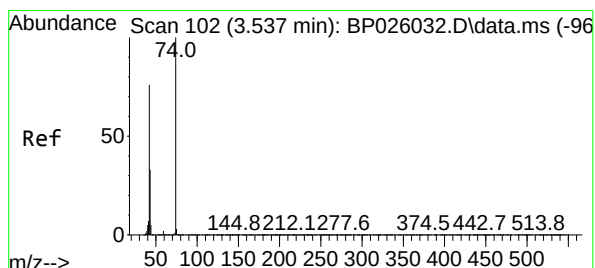
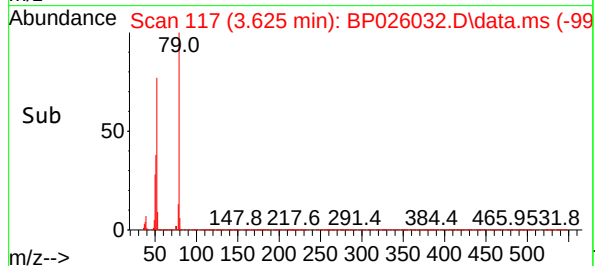
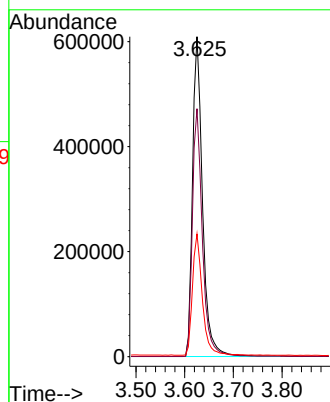
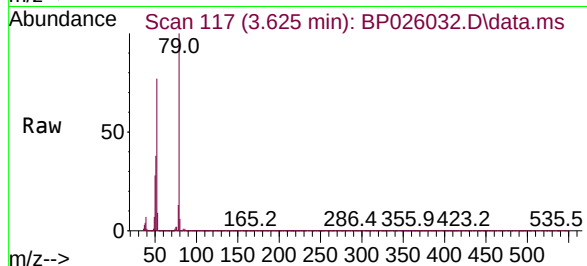




#3
Pyridine
Concen: 40.775 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

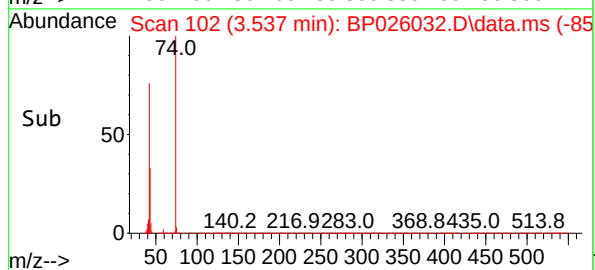
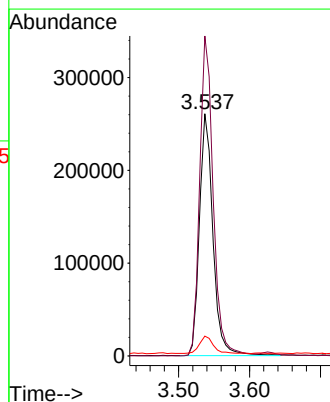
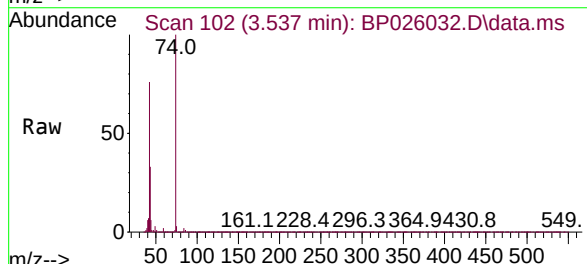
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

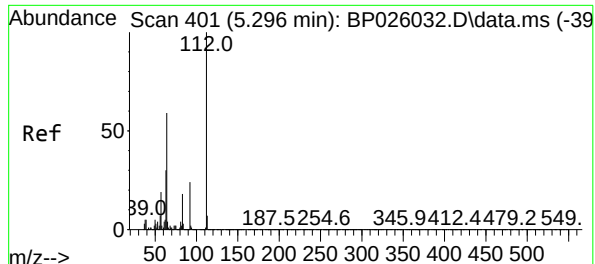
Tgt Ion: 79 Resp: 867862
Ion Ratio Lower Upper
79 100
52 77.5 62.0 93.0
51 38.3 30.6 46.0



#4
n-Nitrosodimethylamine
Concen: 40.144 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 42 Resp: 342452
Ion Ratio Lower Upper
42 100
74 132.1 105.7 158.5
44 8.2 6.6 9.8

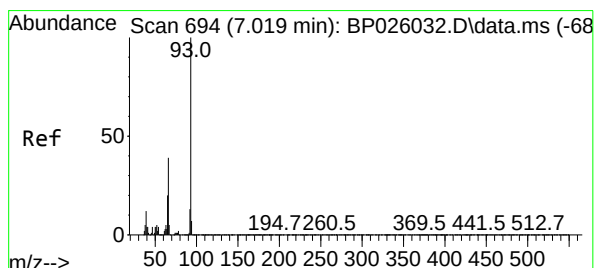
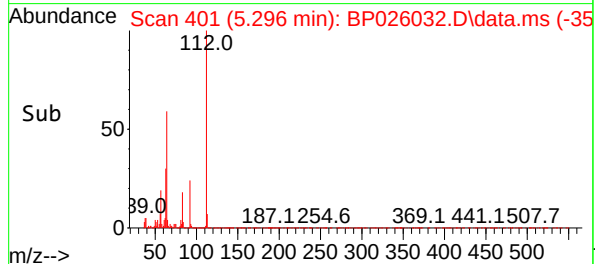
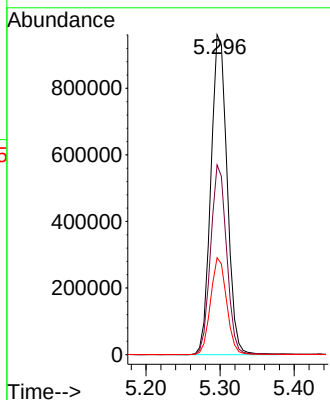
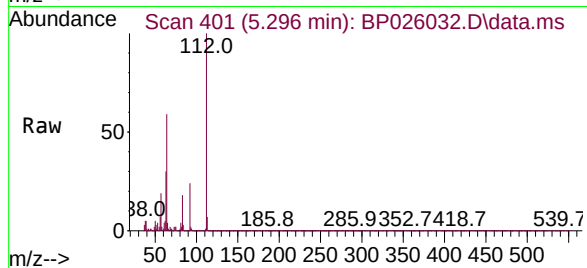




#5
2-Fluorophenol
Concen: 82.445 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

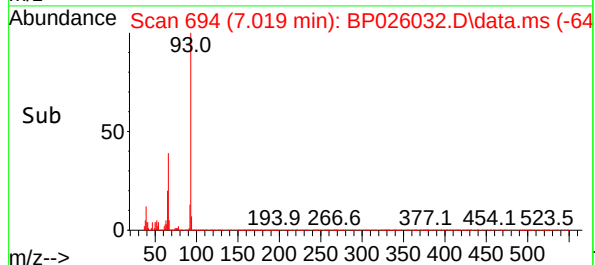
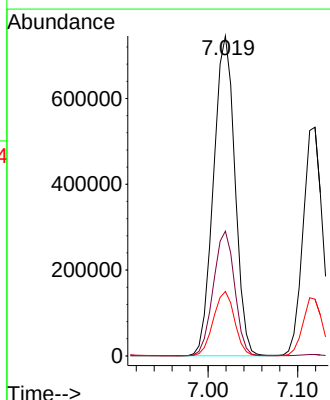
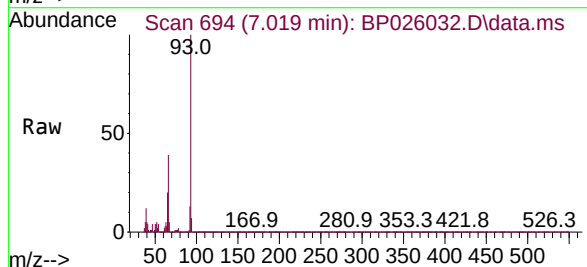
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

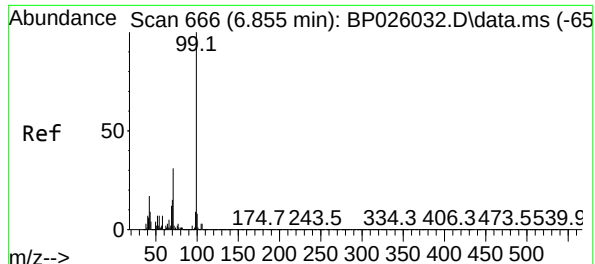
Tgt Ion:112 Resp: 1464250
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.2
63 30.3 24.2 36.4



#6
Aniline
Concen: 41.026 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 93 Resp: 1237729
Ion Ratio Lower Upper
93 100
66 39.0 31.2 46.8
65 20.1 16.1 24.1

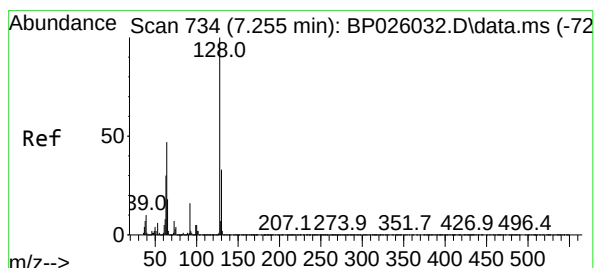
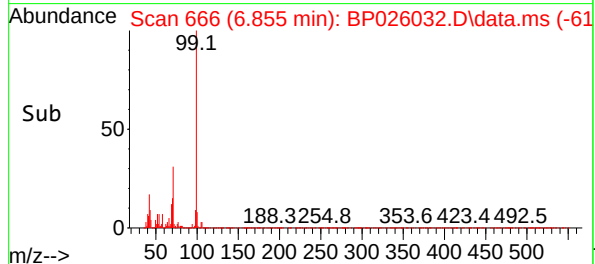
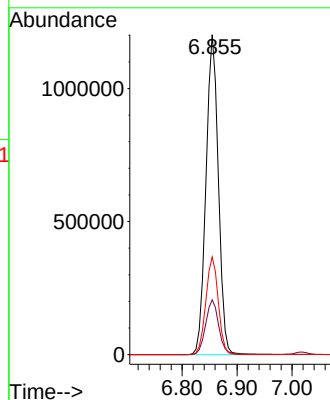
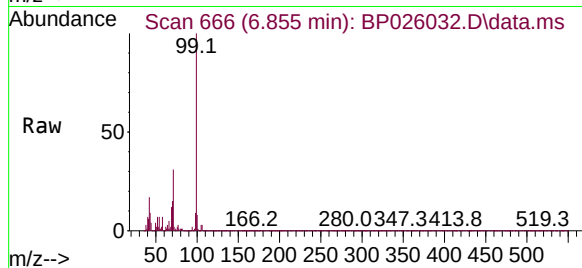




#7
Phenol-d6
Concen: 83.286 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

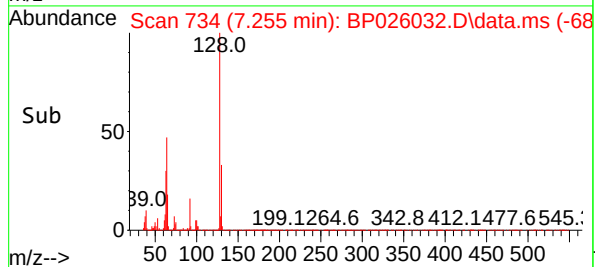
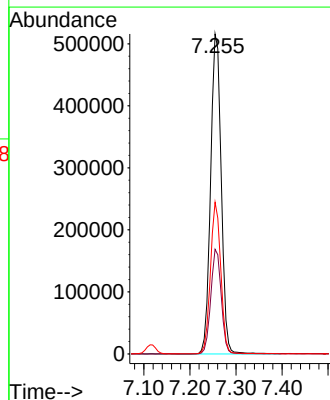
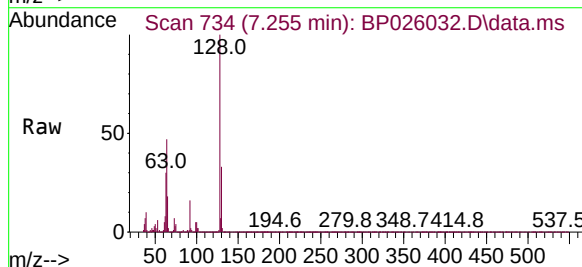
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

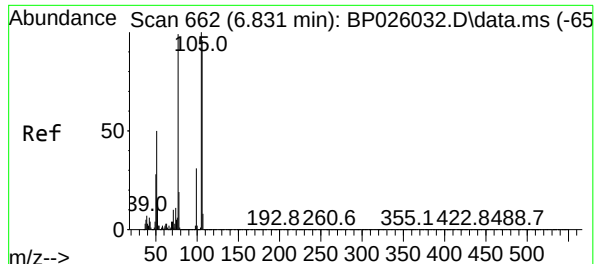
Tgt Ion: 99 Resp: 1882712
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 30.5 24.4 36.6



#8
2-Chlorophenol
Concen: 41.826 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 128 Resp: 822579
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 47.4 27.4 67.4





#9

Benzaldehyde

Concen: 40.357 ng

RT: 6.831 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

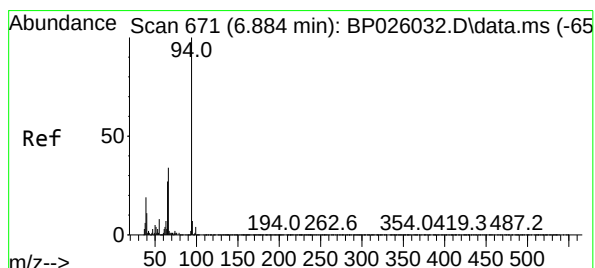
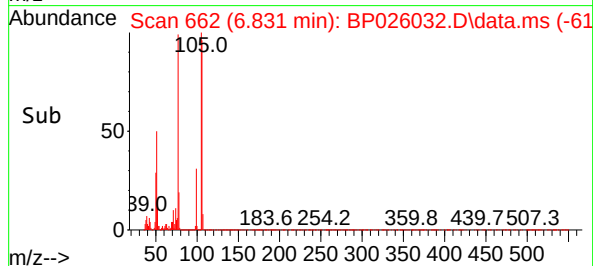
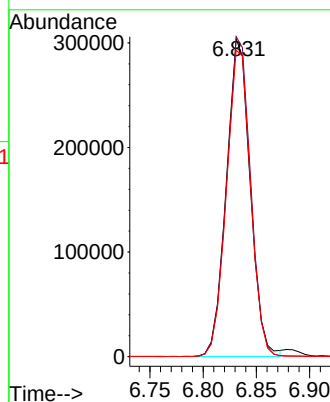
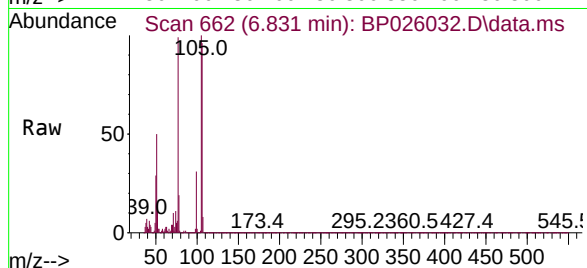
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 474239

Ion	Ratio	Lower	Upper
77	100		
105	100.7	80.7	120.7
106	96.5	76.5	116.5



#10

Phenol

Concen: 41.420 ng

RT: 6.884 min Scan# 671

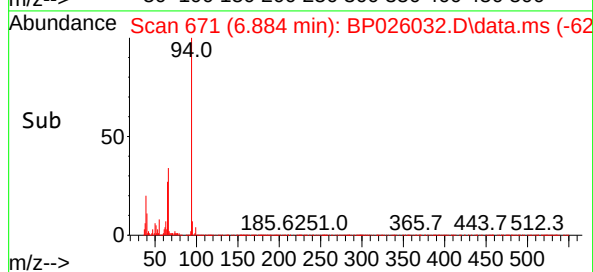
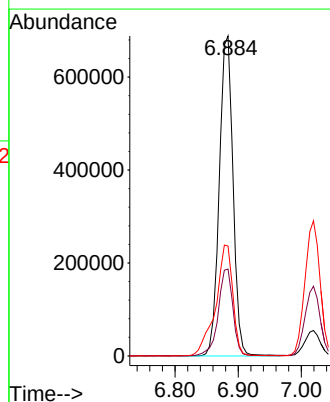
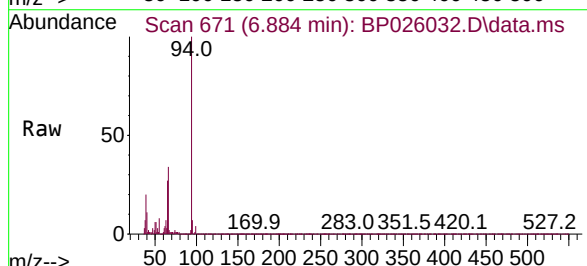
Delta R.T. 0.000 min

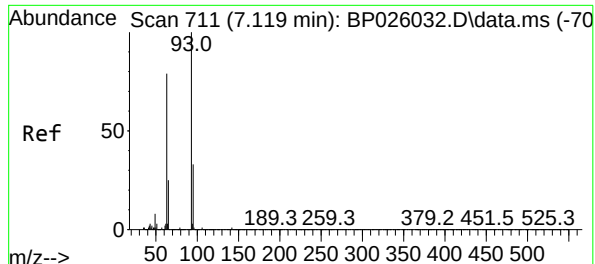
Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 94 Resp: 1039468

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.1	47.1
66	34.4	14.4	54.4





#11

bis(2-Chloroethyl)ether

Concen: 40.632 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

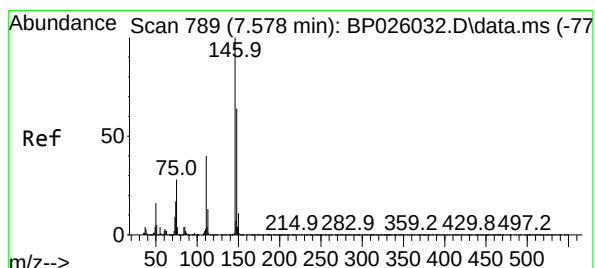
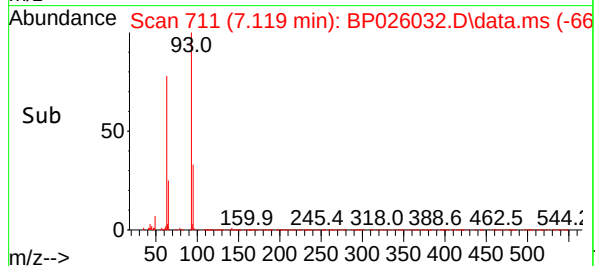
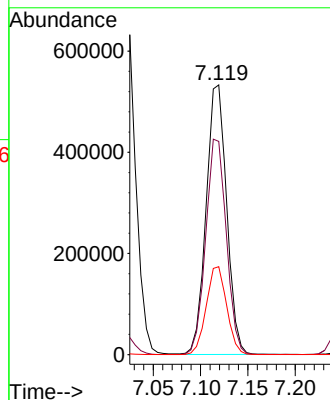
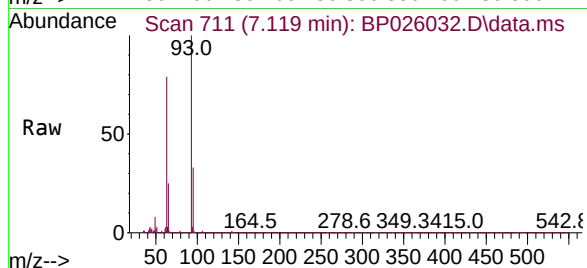
Tgt Ion: 93 Resp: 804729

Ion Ratio Lower Upper

93 100

63 79.1 59.1 99.1

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.813 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

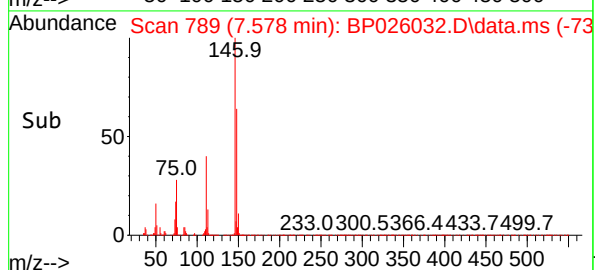
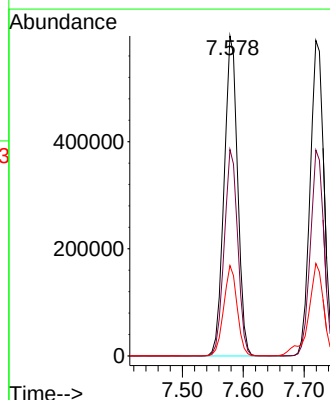
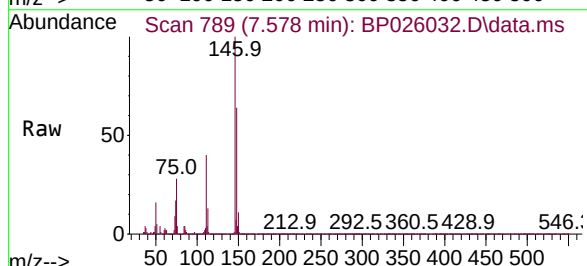
Tgt Ion: 146 Resp: 921791

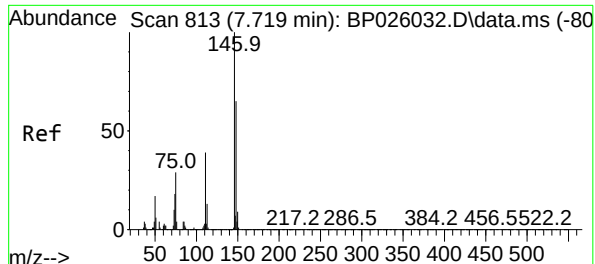
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

75 28.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 40.514 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

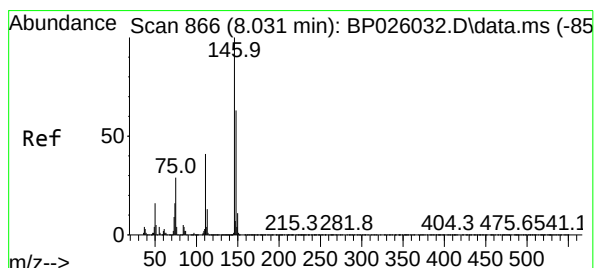
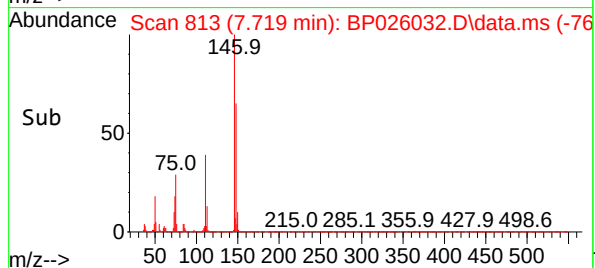
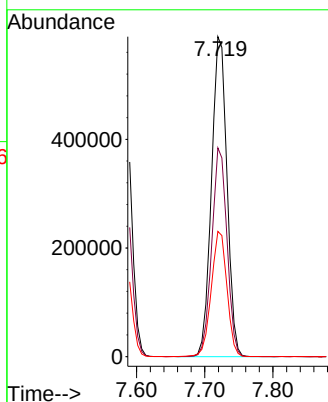
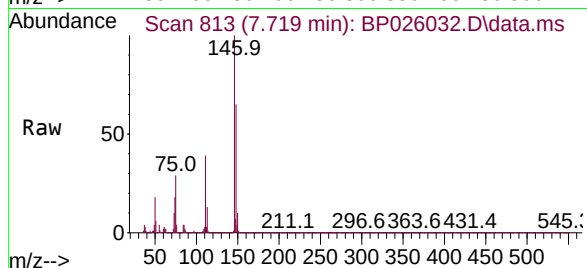
Tgt Ion:146 Resp: 925177

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 39.1 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 40.753 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

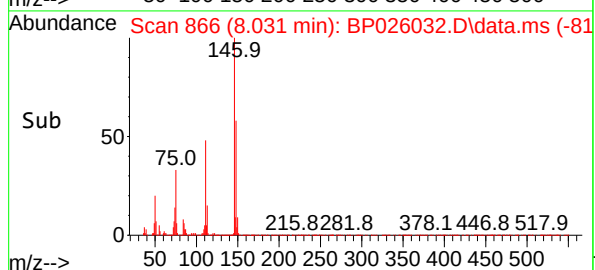
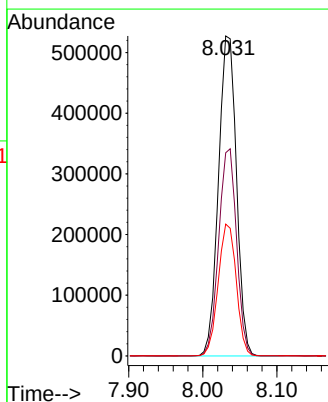
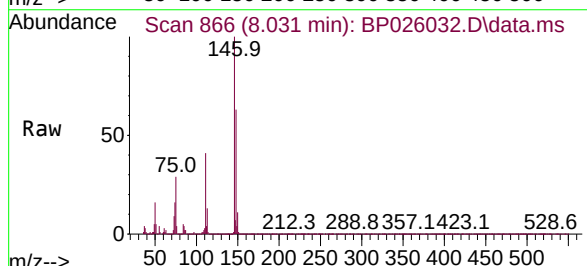
Tgt Ion:146 Resp: 888039

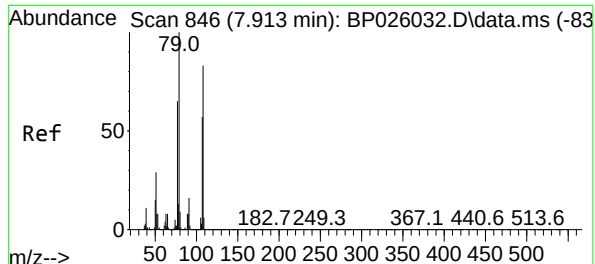
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 41.2 33.0 49.4





#15

Benzyl Alcohol

Concen: 41.003 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

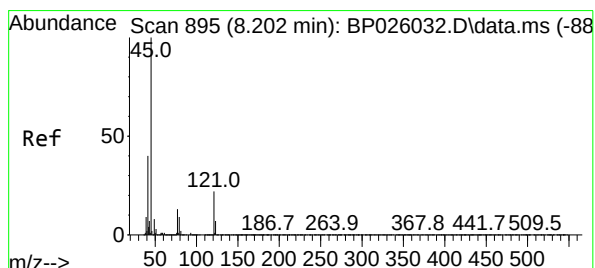
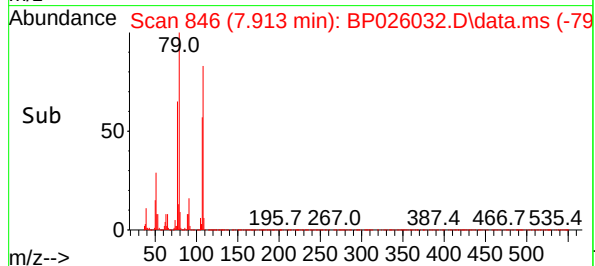
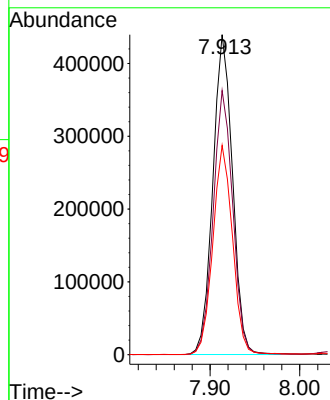
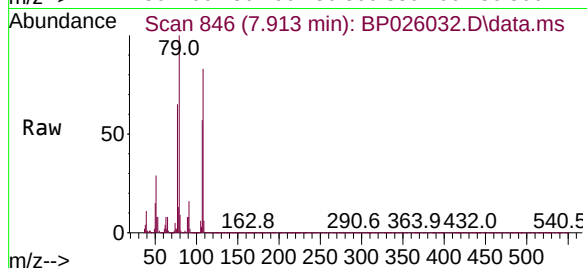
Tgt Ion: 79 Resp: 668211

Ion Ratio Lower Upper

79 100

108 82.5 66.0 99.0

77 65.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.095 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

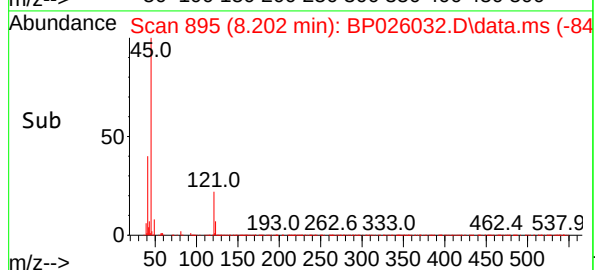
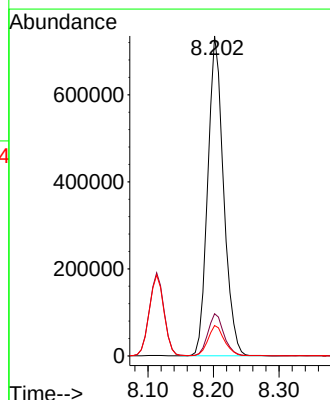
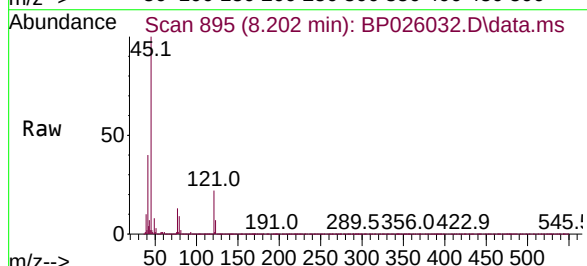
Tgt Ion: 45 Resp: 1230074

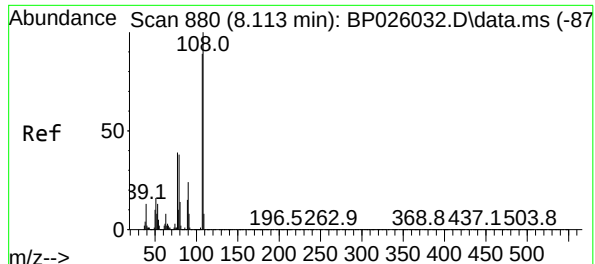
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 9.5 0.0 29.5





#17

2-Methylphenol

Concen: 41.915 ng

RT: 8.113 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 688795

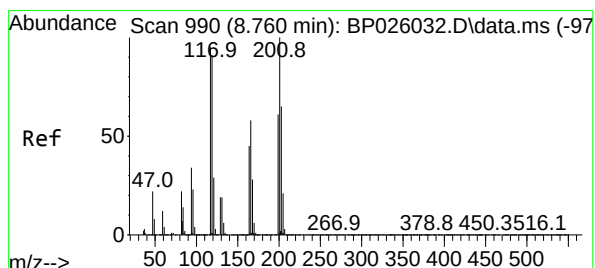
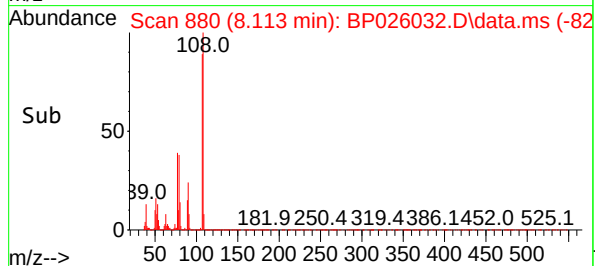
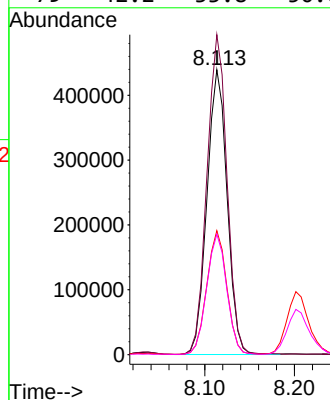
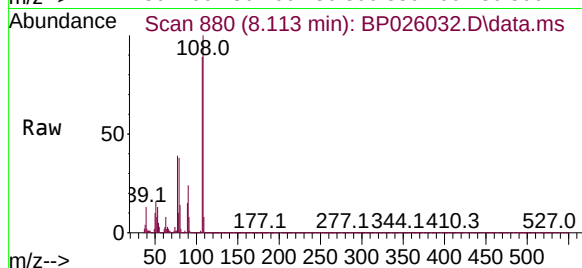
Ion Ratio Lower Upper

107 100

108 112.3 89.8 134.8

77 43.5 34.8 52.2

79 42.2 33.8 50.6



#18

Hexachloroethane

Concen: 41.385 ng

RT: 8.760 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

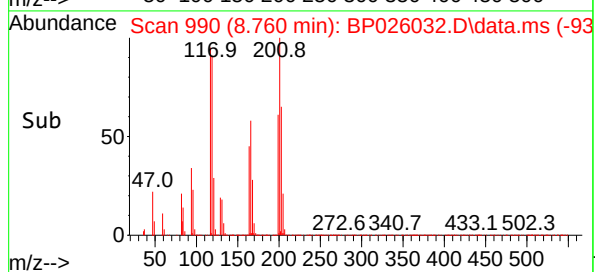
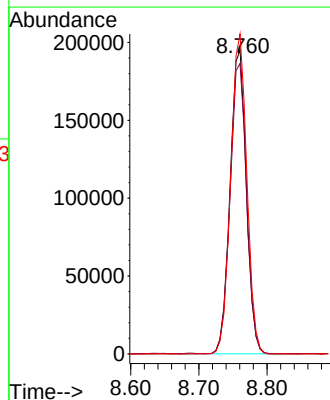
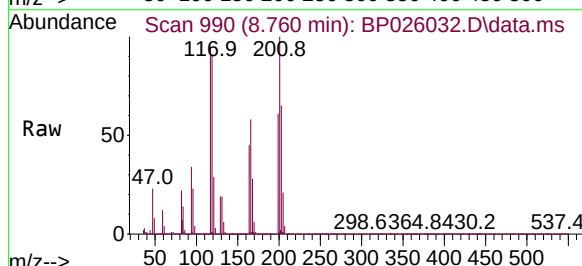
Tgt Ion:117 Resp: 323386

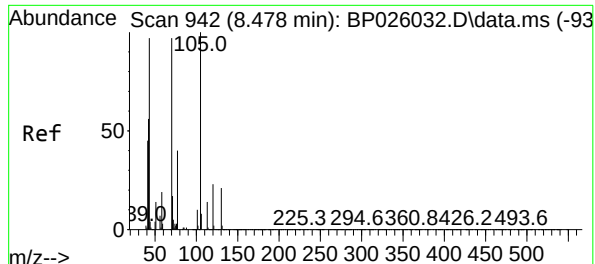
Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7

201 105.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.881 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 601712

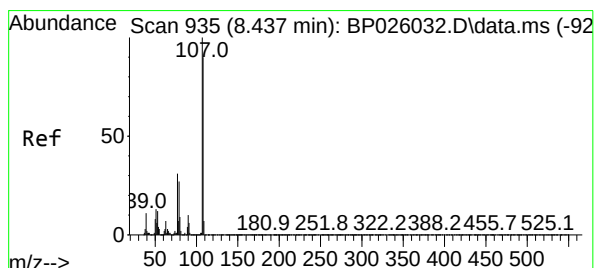
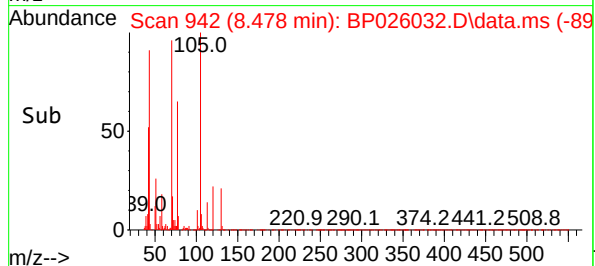
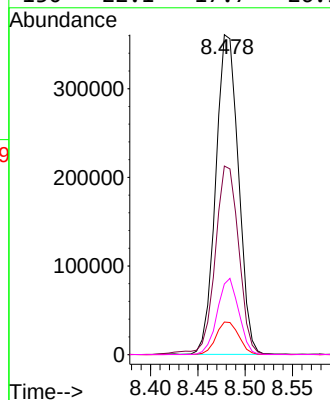
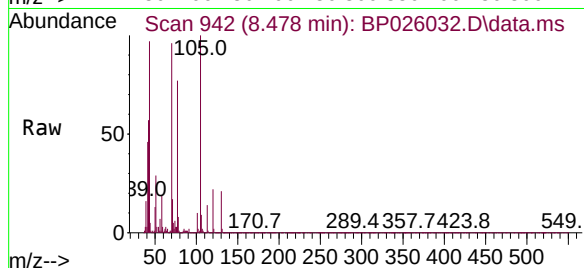
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 10.2 8.2 12.2

130 22.1 17.7 26.5



#20

3+4-Methylphenols

Concen: 41.358 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 107 Resp: 945490

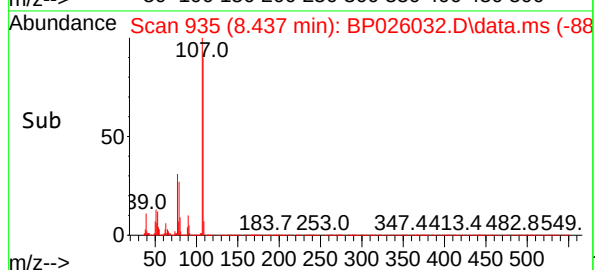
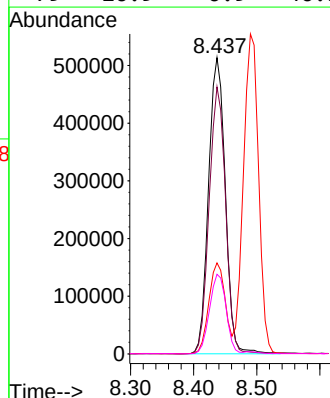
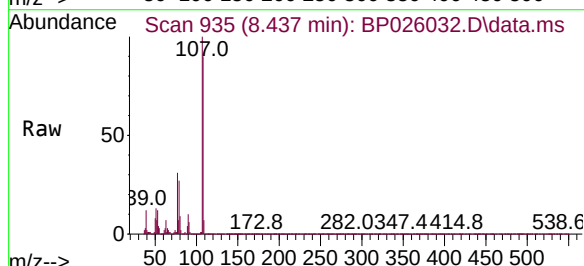
Ion Ratio Lower Upper

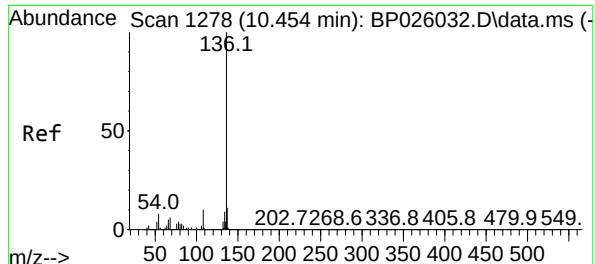
107 100

108 90.1 70.1 110.1

77 30.7 10.7 50.7

79 26.9 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 1204929

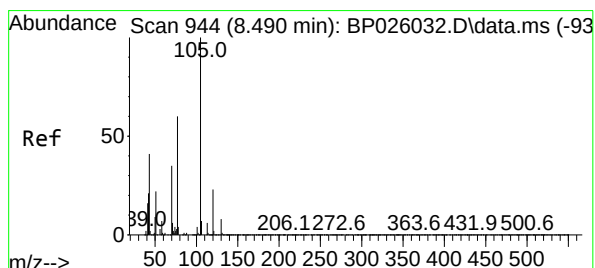
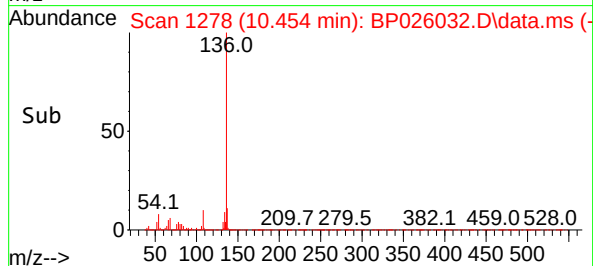
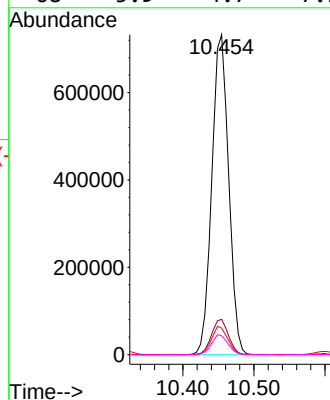
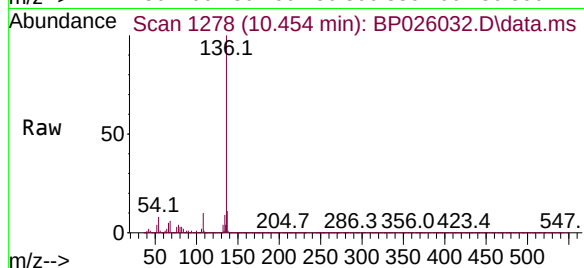
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.3 6.6 10.0

68 5.9 4.7 7.1



#22

Acetophenone

Concen: 40.939 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:105 Resp: 1247543

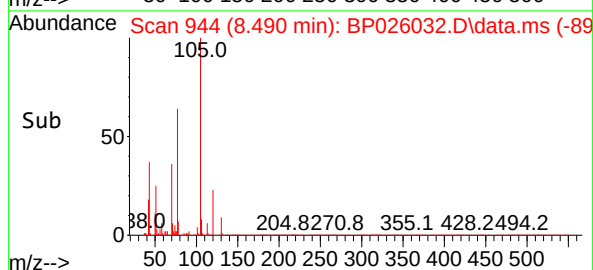
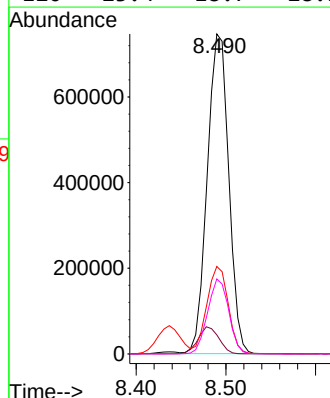
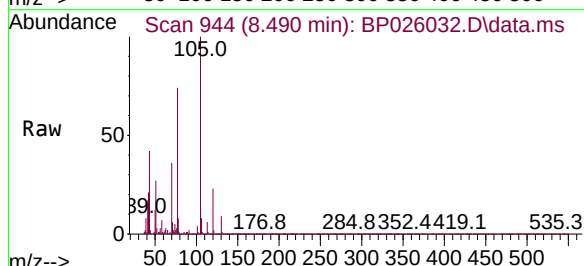
Ion Ratio Lower Upper

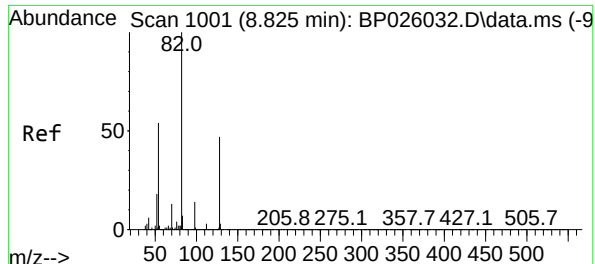
105 100

71 5.9 4.7 7.1

51 27.3 21.8 32.8

120 23.4 18.7 28.1





#23

Nitrobenzene-d5

Concen: 84.339 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

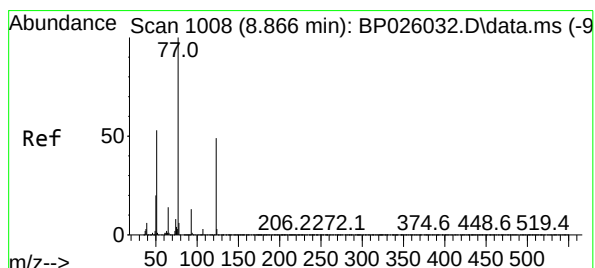
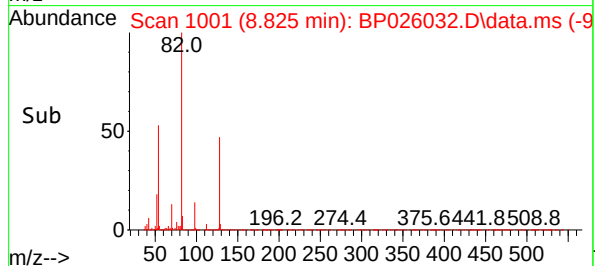
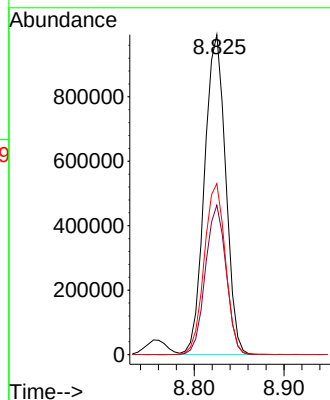
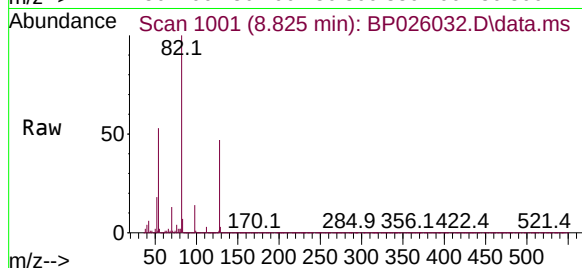
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1630132

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	53.4	42.7	64.1



#24

Nitrobenzene

Concen: 42.132 ng

RT: 8.866 min Scan# 1008

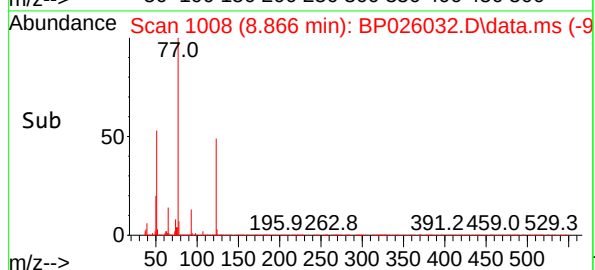
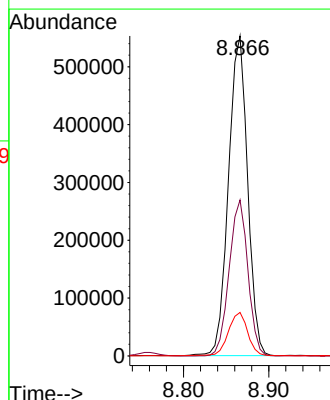
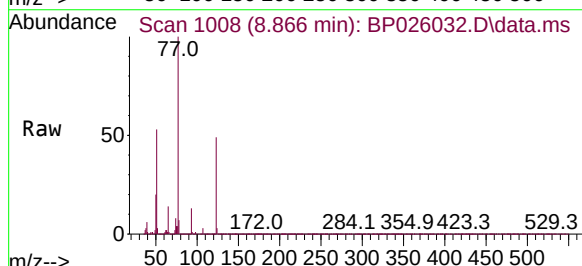
Delta R.T. 0.000 min

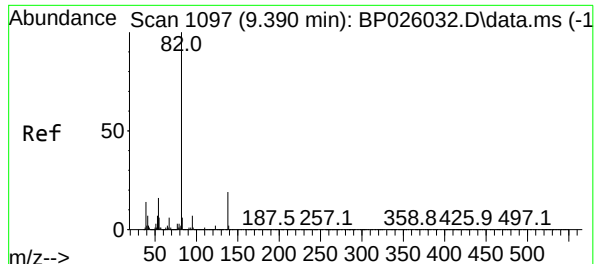
Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 77 Resp: 859810

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.0	58.4
65	13.6	10.9	16.3

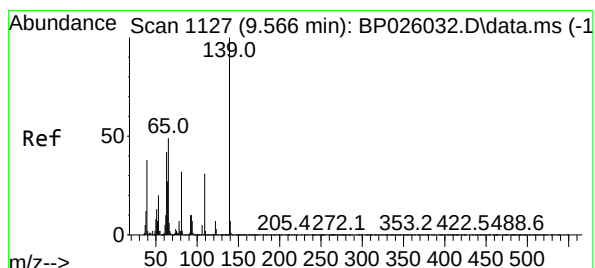
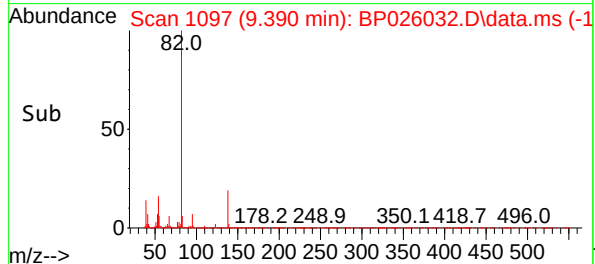
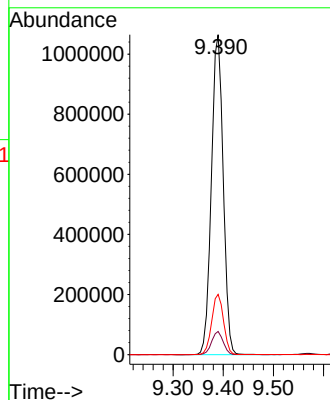
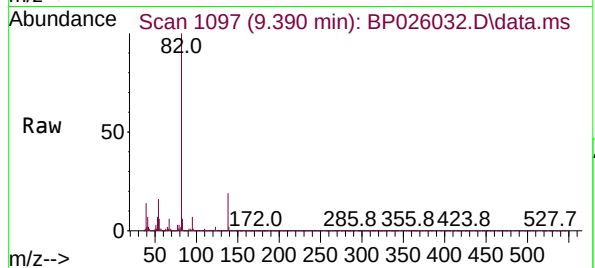




#25
Isophorone
Concen: 41.932 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

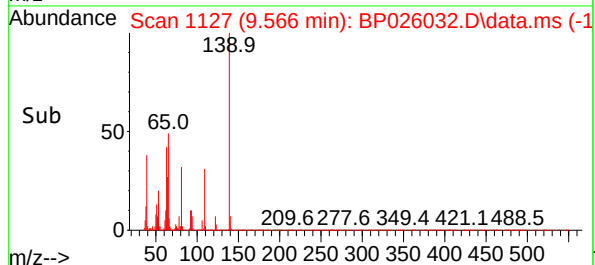
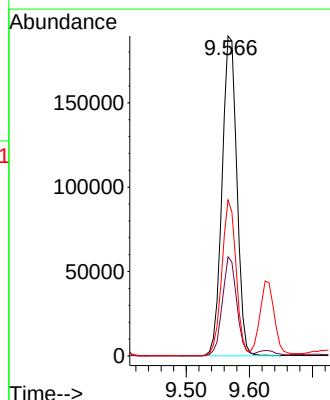
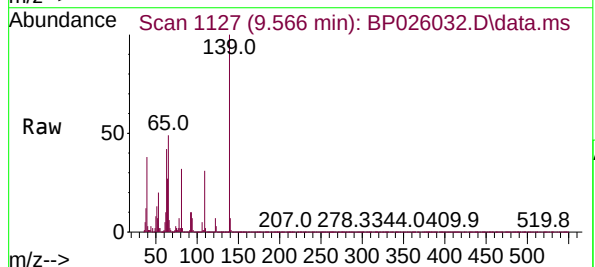
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

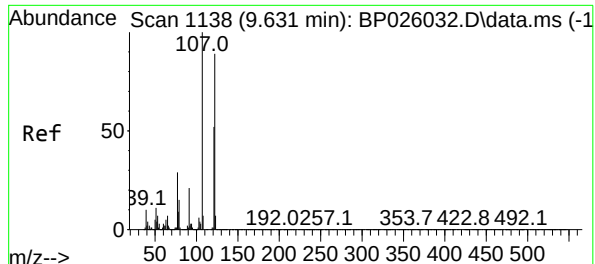
Tgt Ion: 82 Resp: 1734781
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.8 15.0 22.6



#26
2-Nitrophenol
Concen: 41.419 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 139 Resp: 308209
Ion Ratio Lower Upper
139 100
109 31.0 24.8 37.2
65 48.7 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 41.876 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

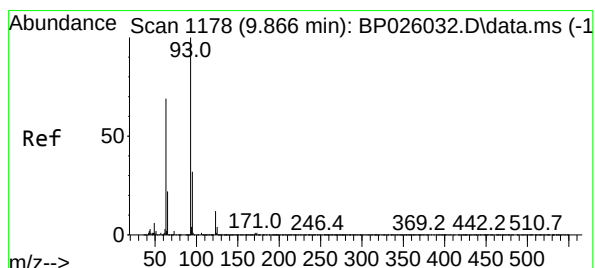
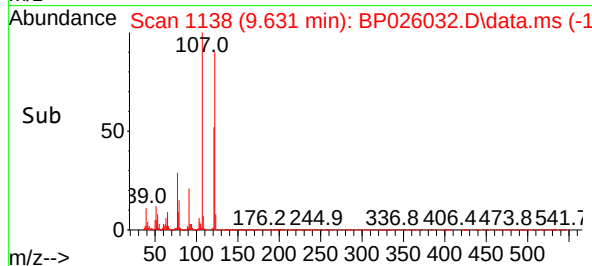
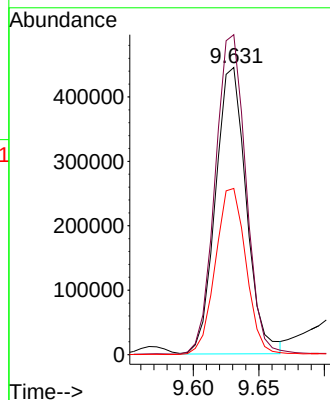
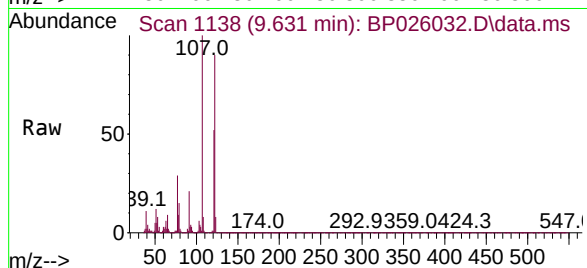
Tgt Ion:122 Resp: 728530

Ion Ratio Lower Upper

122 100

107 111.5 89.2 133.8

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.282 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

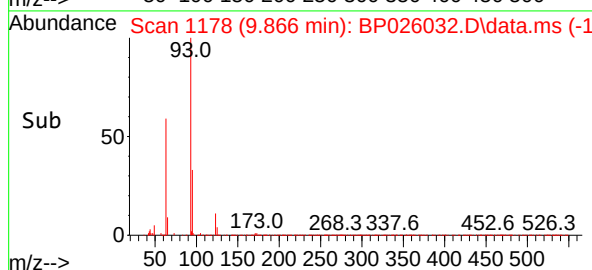
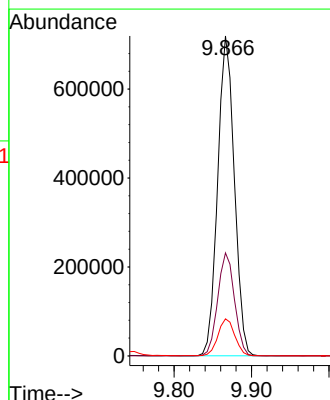
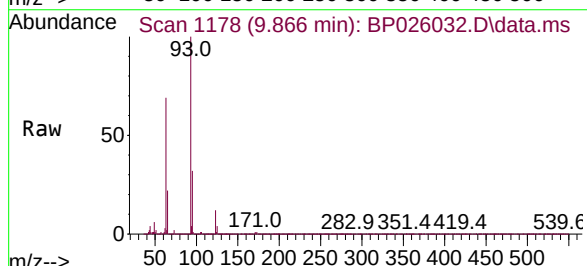
Tgt Ion: 93 Resp: 1076336

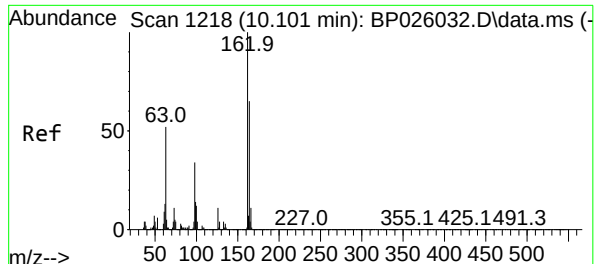
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 42.949 ng

RT: 10.101 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

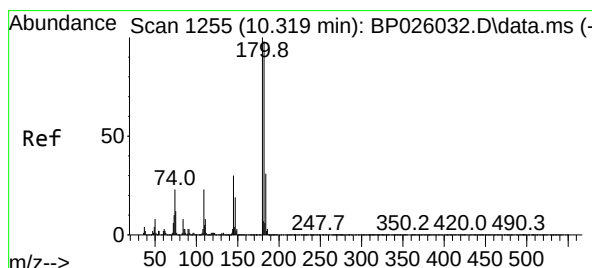
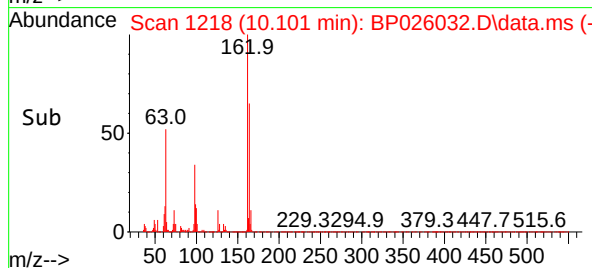
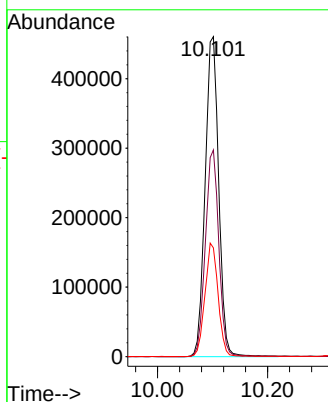
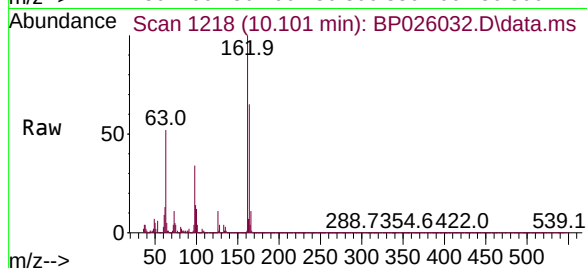
Tgt Ion:162 Resp: 788938

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 34.0 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 40.968 ng

RT: 10.319 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

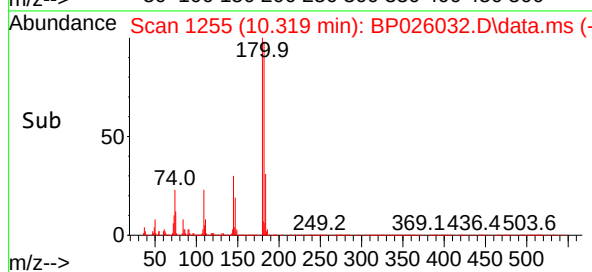
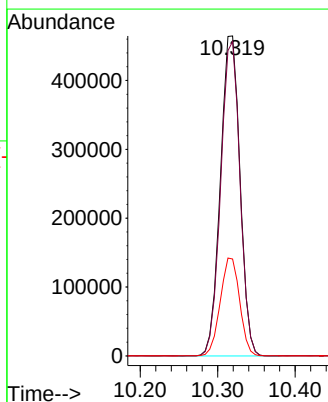
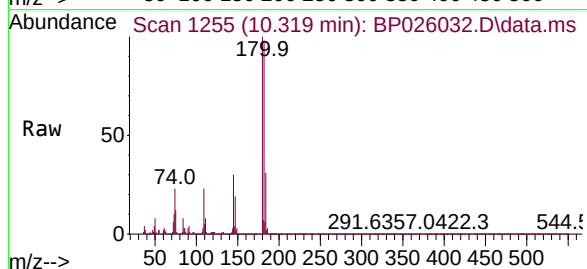
Tgt Ion:180 Resp: 817950

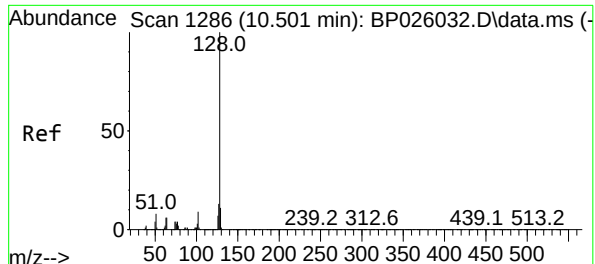
Ion Ratio Lower Upper

180 100

182 98.2 78.6 117.8

145 30.3 24.2 36.4

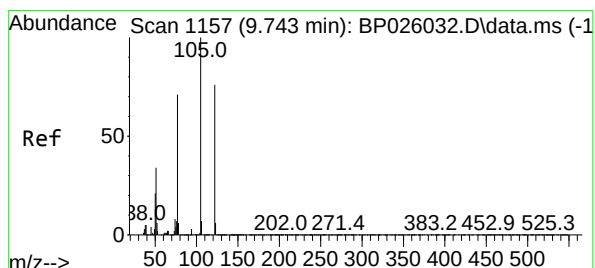
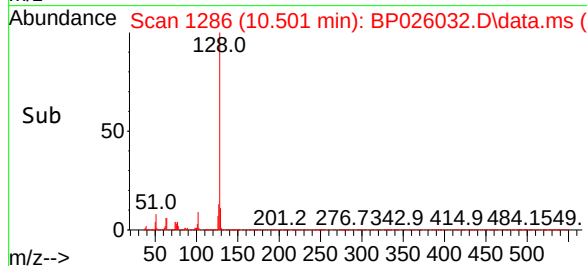
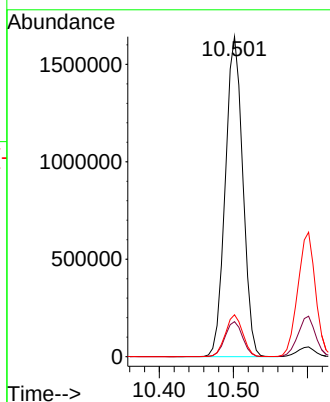
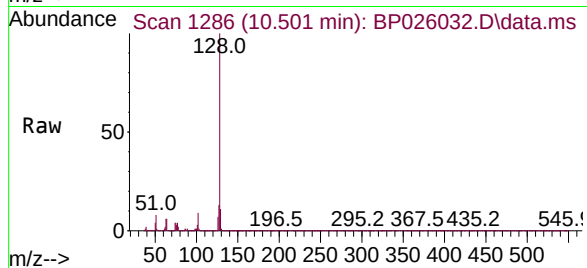




#31
Naphthalene
Concen: 40.893 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

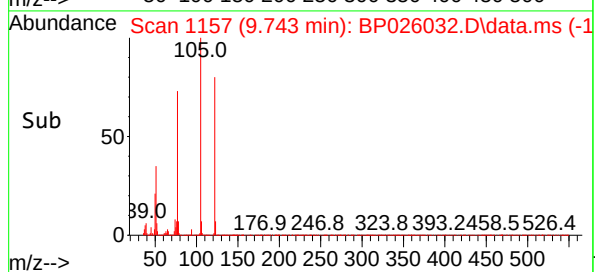
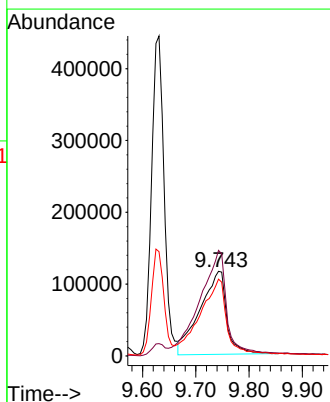
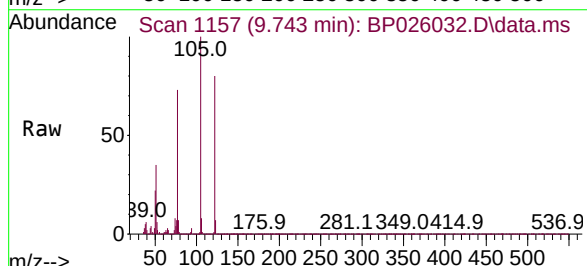
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

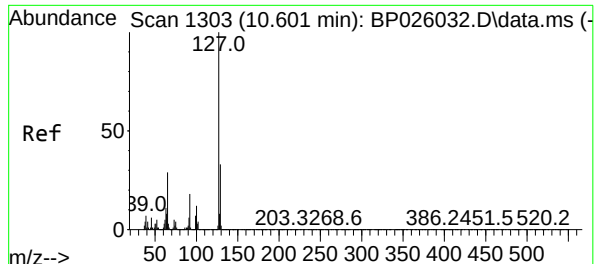
Tgt Ion:128 Resp: 2686976
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.754 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.035 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:122 Resp: 404584
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 90.9 70.9 110.9





#33

4-Chloroaniline

Concen: 41.701 ng

RT: 10.601 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1052918

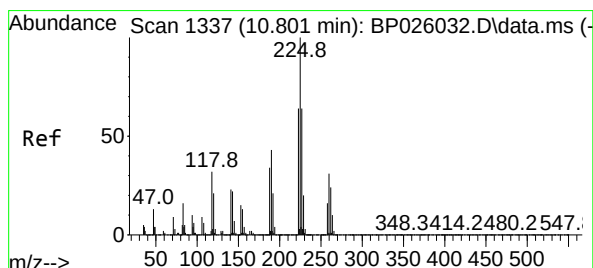
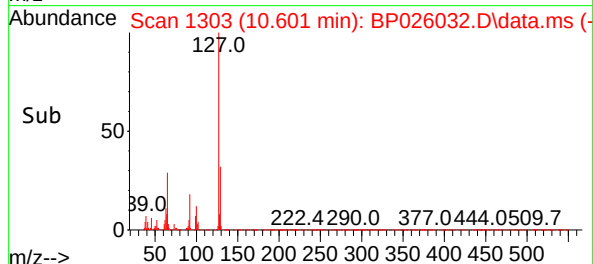
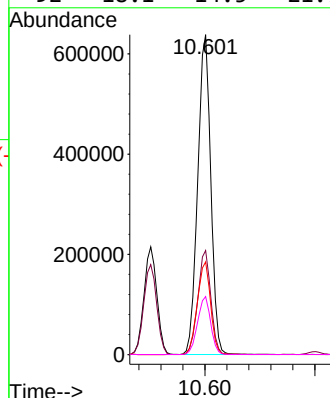
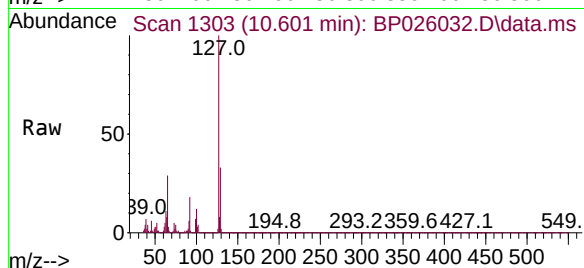
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 29.0 23.2 34.8

92 18.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 41.043 ng

RT: 10.801 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

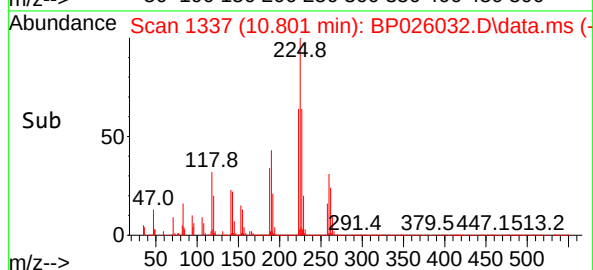
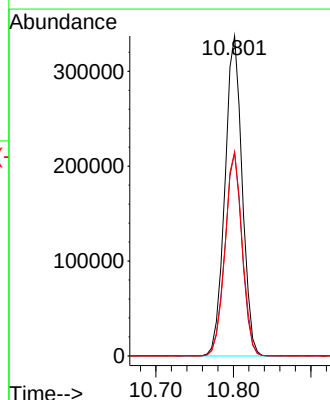
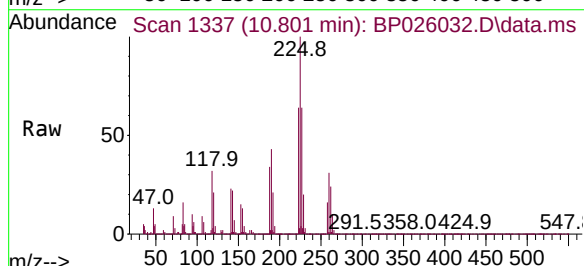
Tgt Ion:225 Resp: 520749

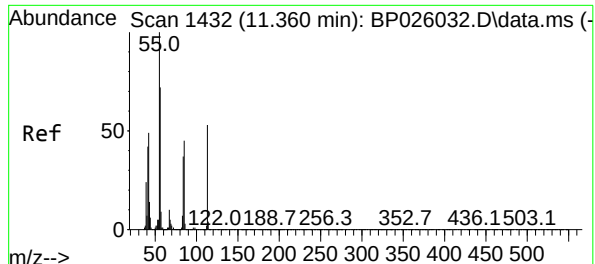
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 63.7 51.0 76.4





#35

Caprolactam

Concen: 42.147 ng

RT: 11.360 min Scan# 1432

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

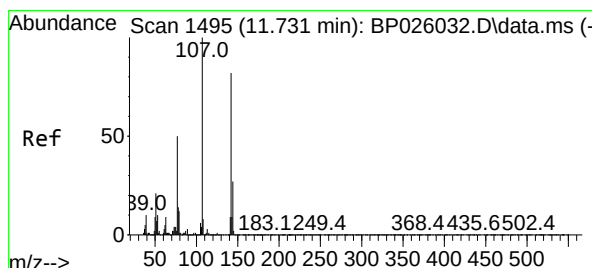
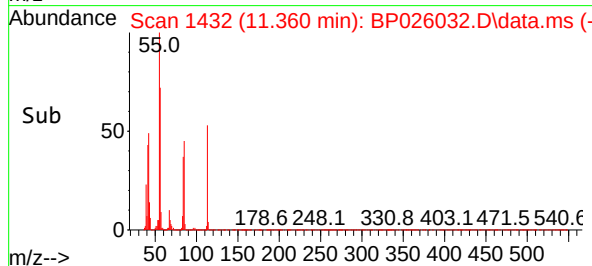
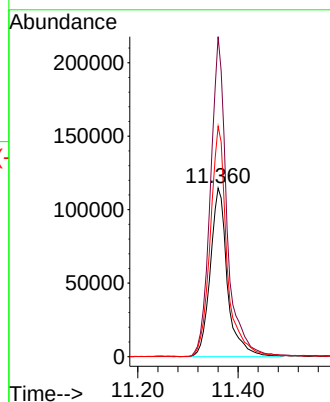
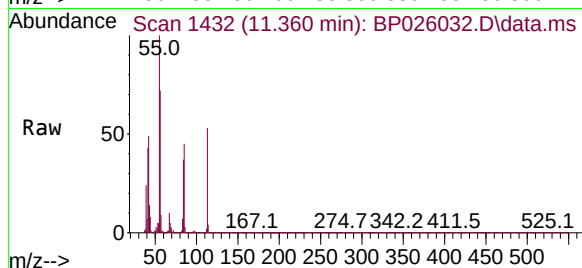
Tgt Ion:113 Resp: 271877

Ion Ratio Lower Upper

113 100

55 189.9 169.9 209.9

56 136.7 116.7 156.7



#36

4-Chloro-3-methylphenol

Concen: 43.198 ng

RT: 11.731 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

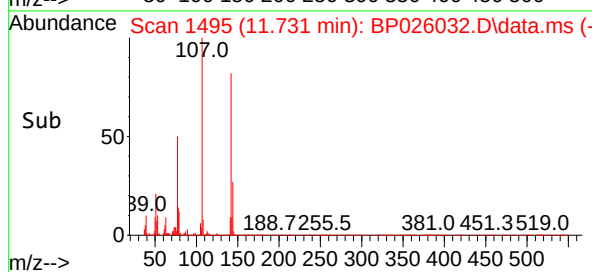
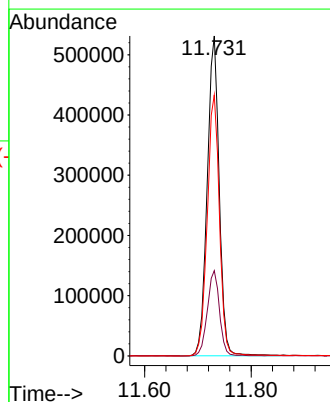
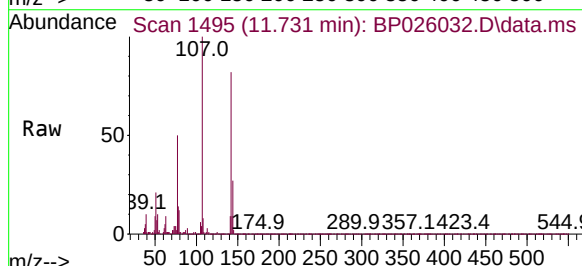
Tgt Ion:107 Resp: 831835

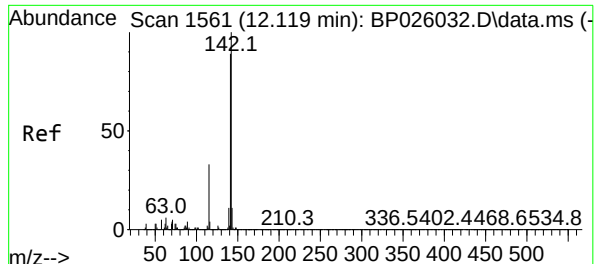
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 81.5 65.2 97.8





#37

2-Methylnaphthalene

Concen: 41.663 ng

RT: 12.119 min Scan# 1561

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

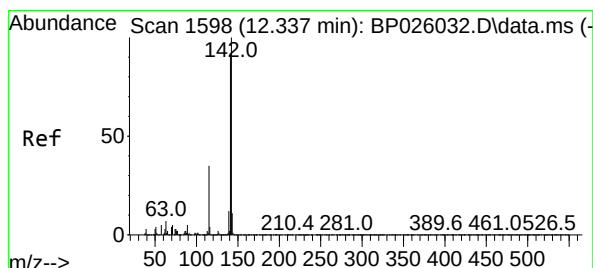
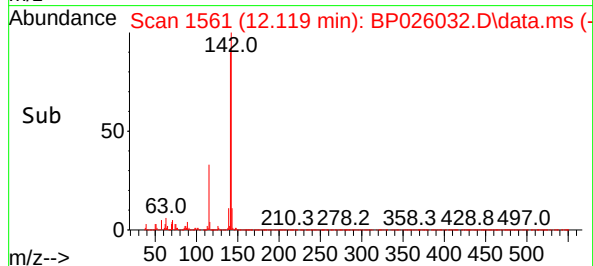
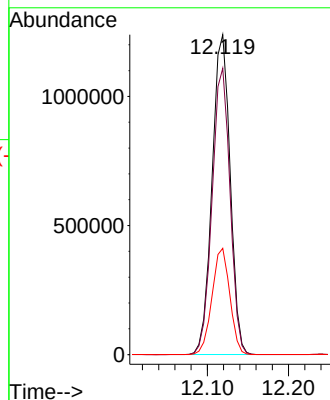
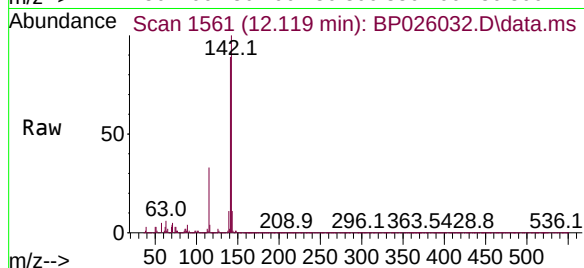
Tgt Ion:142 Resp: 1916037

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

115 33.2 26.6 39.8



#38

1-Methylnaphthalene

Concen: 41.416 ng

RT: 12.337 min Scan# 1598

Delta R.T. 0.001 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

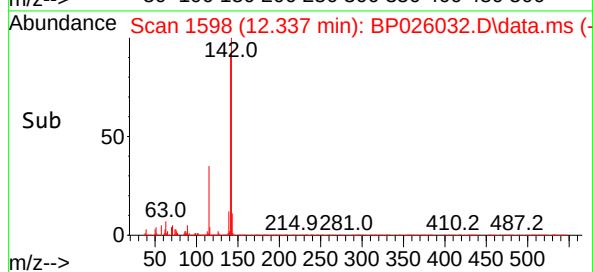
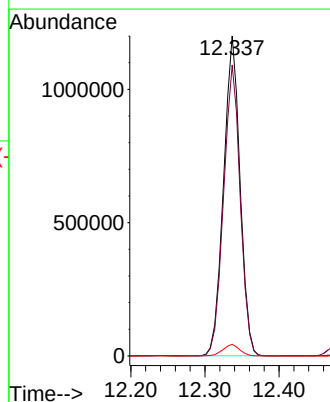
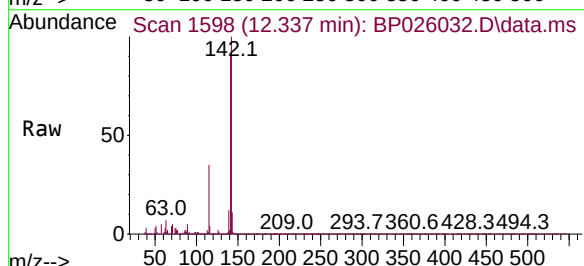
Tgt Ion:142 Resp: 1850373

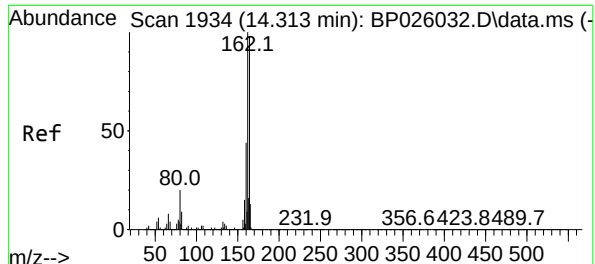
Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1

116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

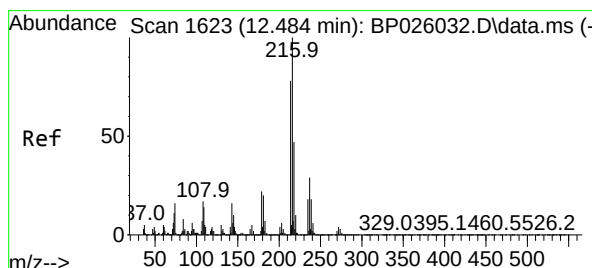
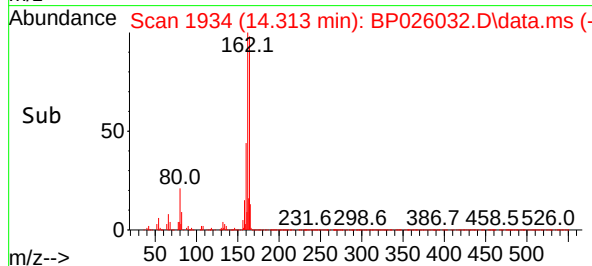
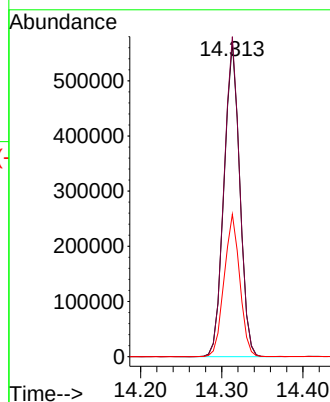
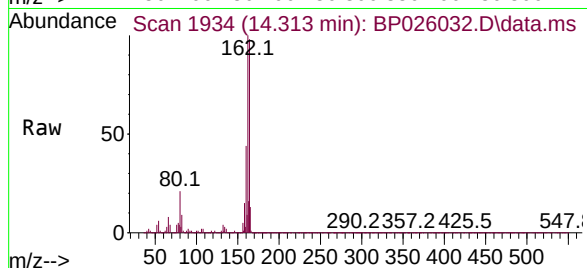
Tgt Ion:164 Resp: 764236

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.707 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:216 Resp: 966620

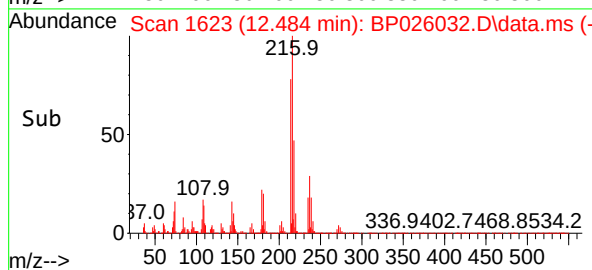
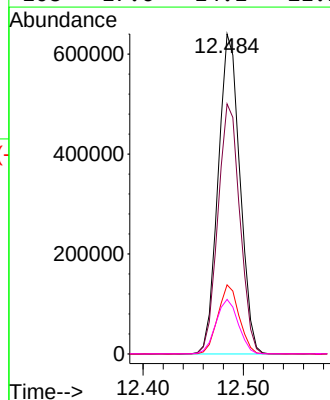
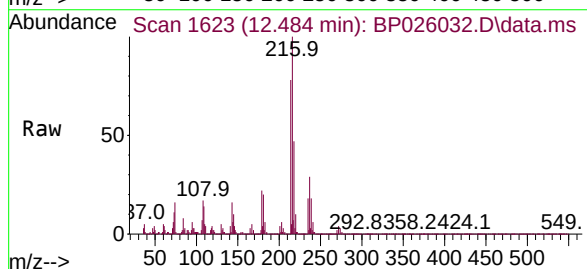
Ion Ratio Lower Upper

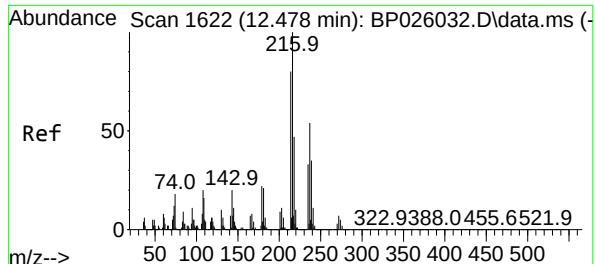
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 17.6 14.1 21.1

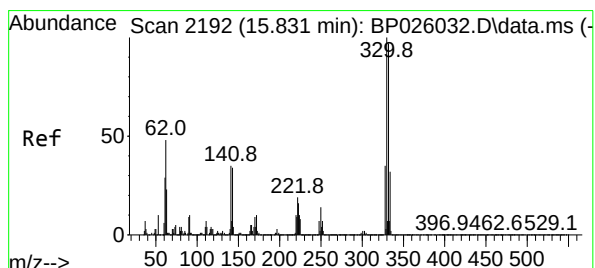
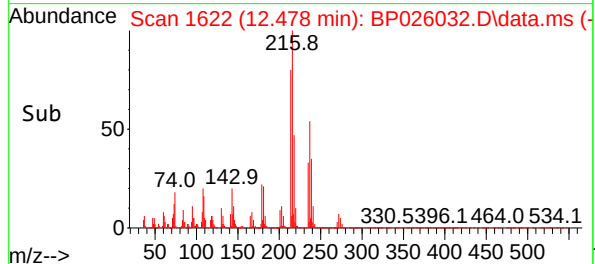
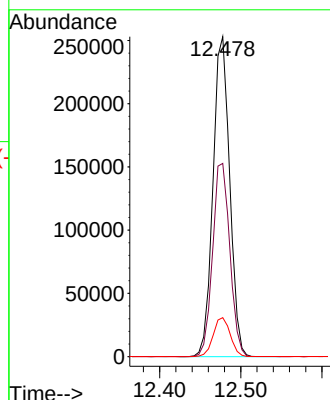
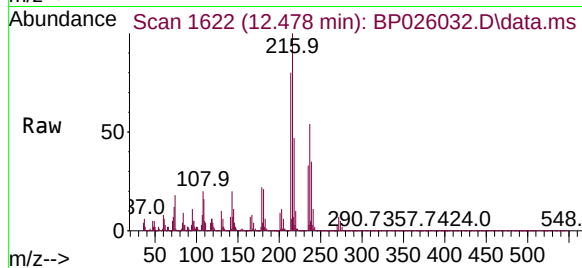




#41
Hexachlorocyclopentadiene
Concen: 41.615 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

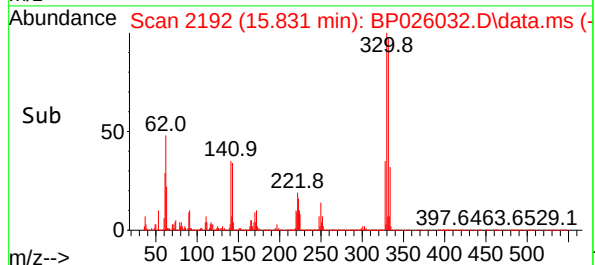
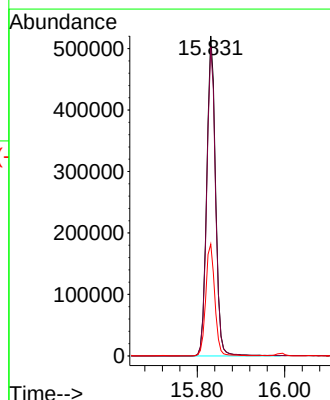
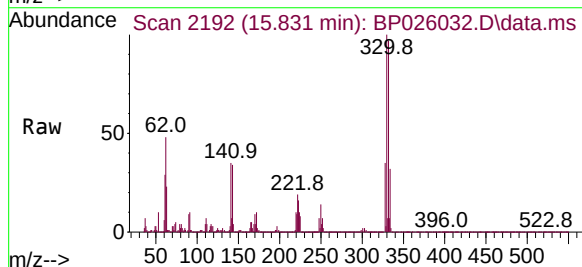
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

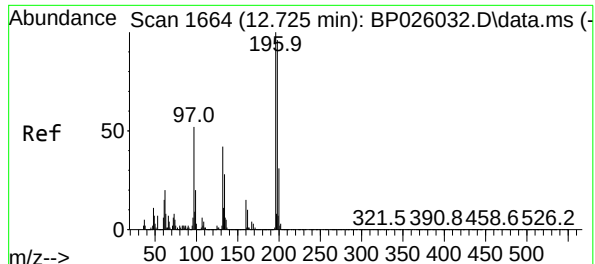
Tgt Ion: 237 Resp: 361557
Ion Ratio Lower Upper
237 100
235 60.4 40.4 80.4
272 12.2 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 87.488 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 330 Resp: 722838
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.7 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 43.748 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

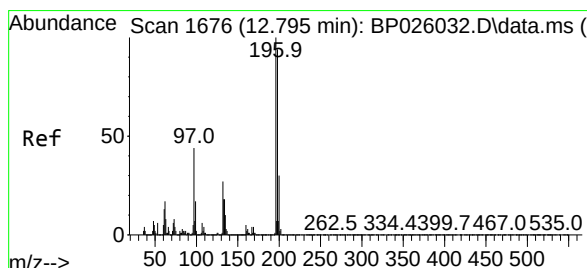
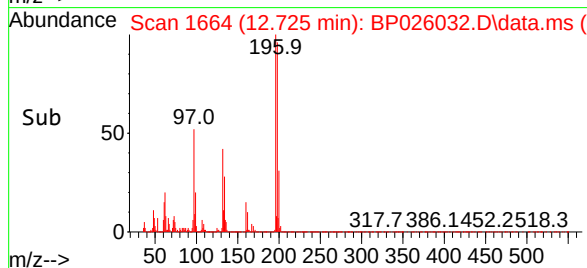
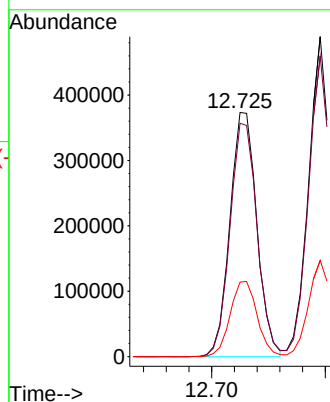
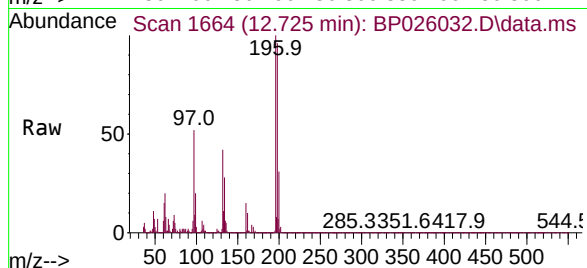
Tgt Ion:196 Resp: 614032

Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 43.536 ng

RT: 12.795 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:196 Resp: 697254

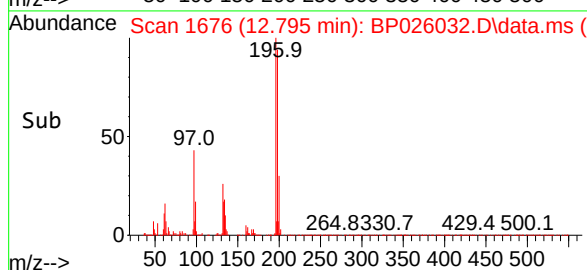
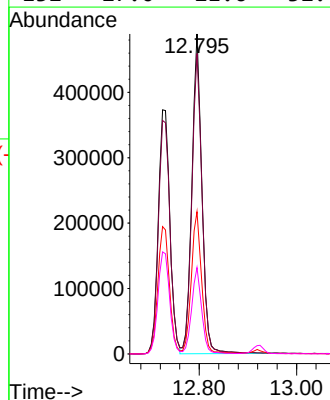
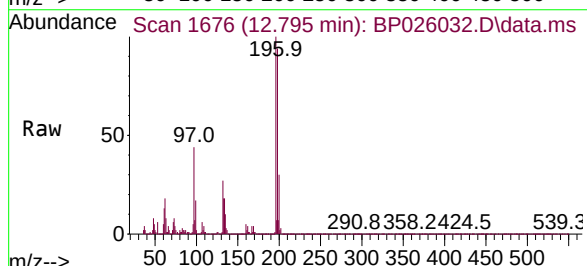
Ion Ratio Lower Upper

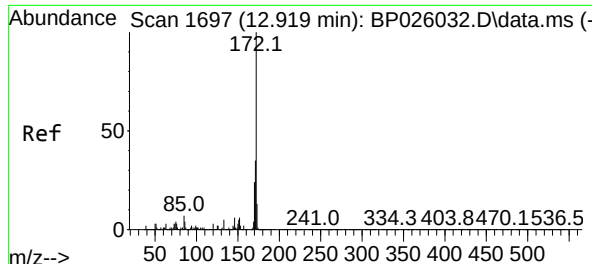
196 100

198 93.9 75.1 112.7

97 44.4 35.5 53.3

132 27.0 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 81.651 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

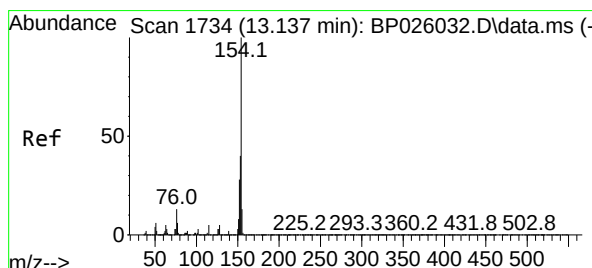
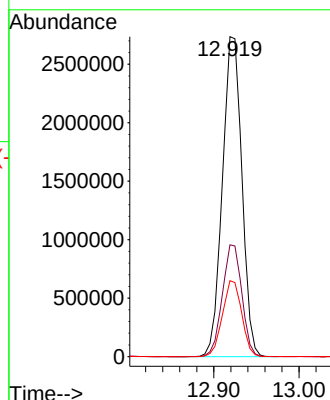
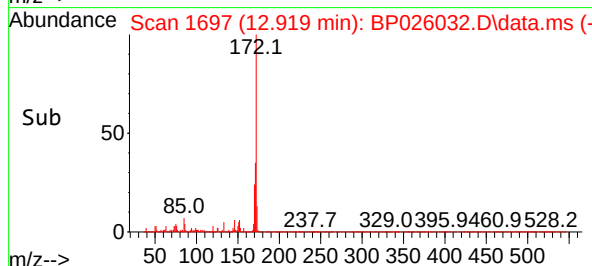
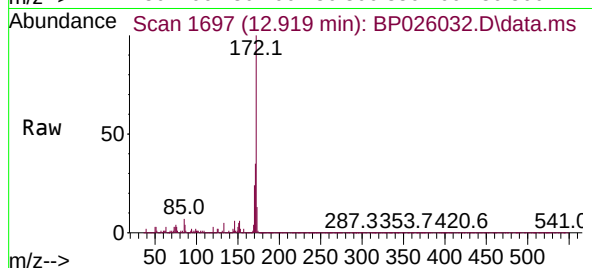
Tgt Ion:172 Resp: 4342634

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.756 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

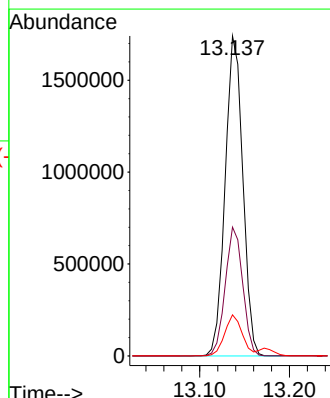
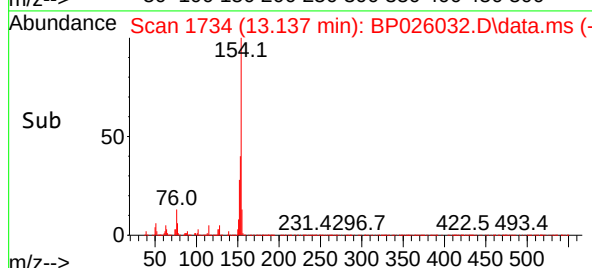
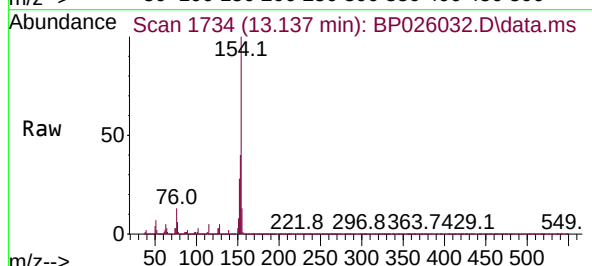
Tgt Ion:154 Resp: 2384975

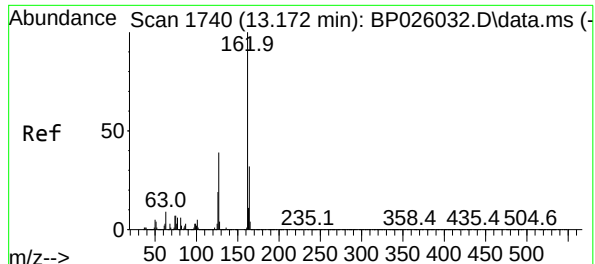
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.808 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

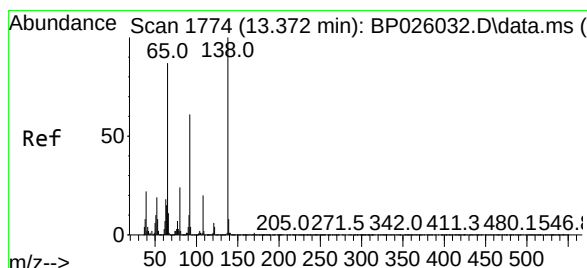
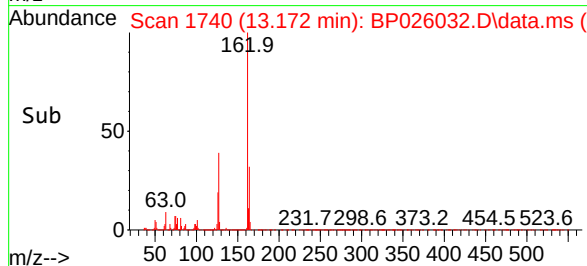
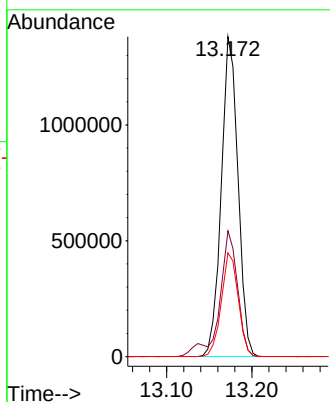
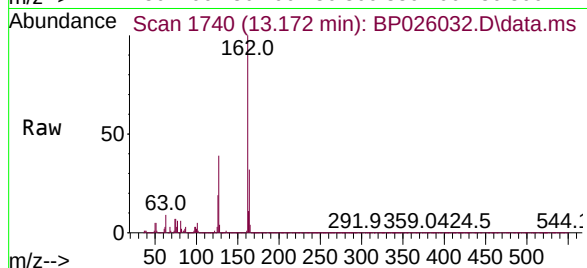
Tgt Ion:162 Resp: 1878852

Ion Ratio Lower Upper

162 100

127 39.3 31.4 47.2

164 32.4 25.9 38.9



#48

2-Nitroaniline

Concen: 40.401 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

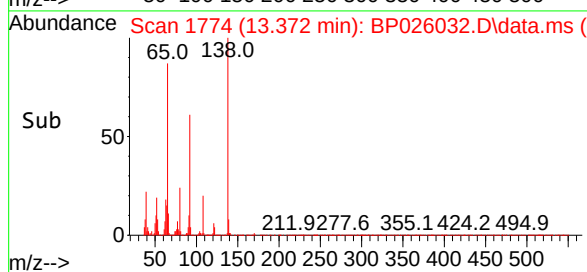
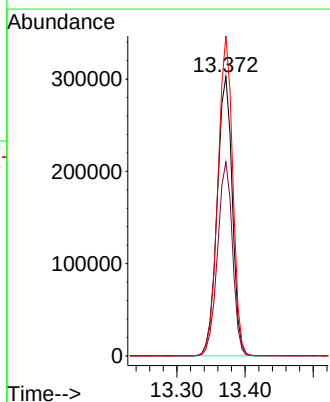
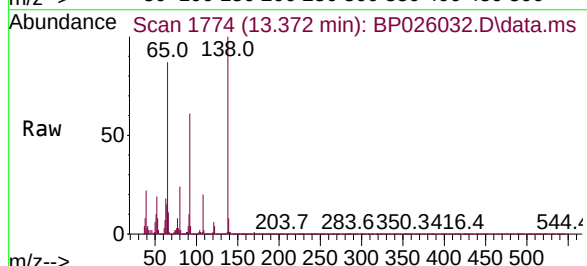
Tgt Ion: 65 Resp: 464490

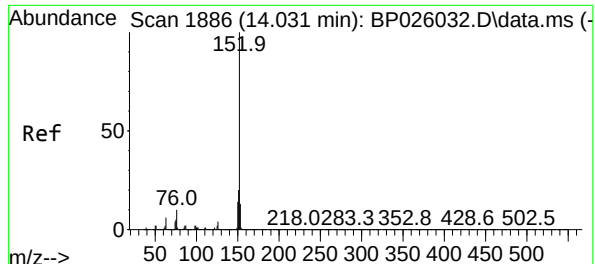
Ion Ratio Lower Upper

65 100

92 69.4 55.5 83.3

138 114.6 91.7 137.5





#49

Acenaphthylene

Concen: 41.727 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

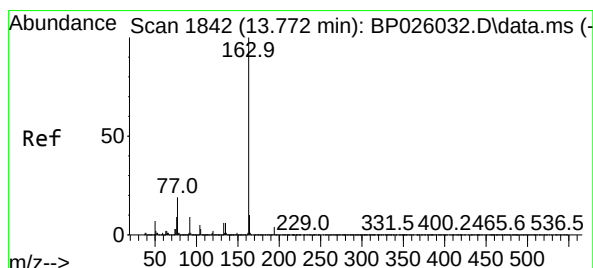
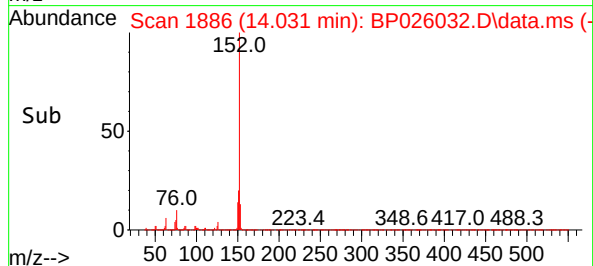
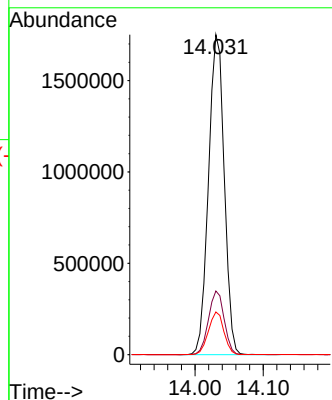
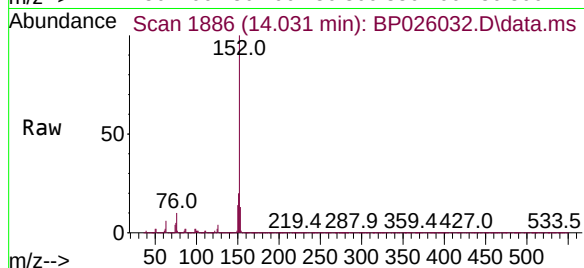
Tgt Ion:152 Resp: 2800152

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 41.854 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

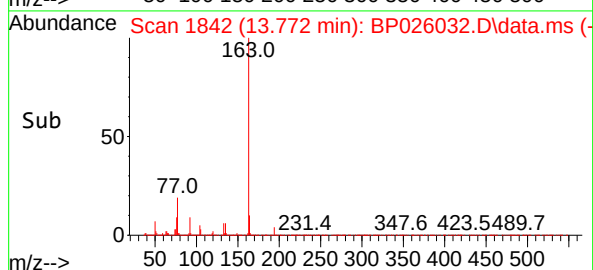
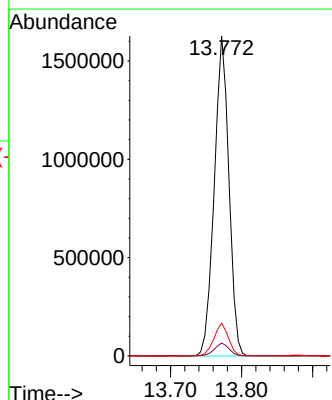
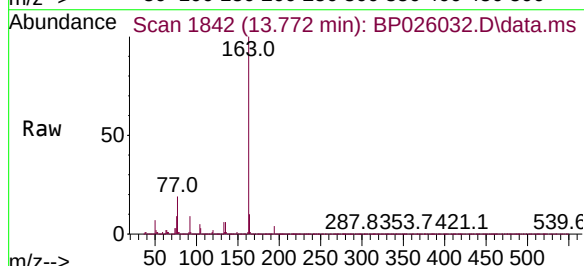
Tgt Ion:163 Resp: 2326622

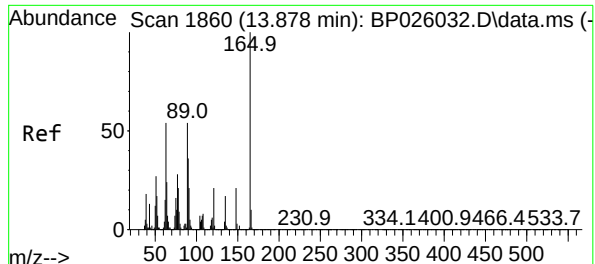
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.2 12.2

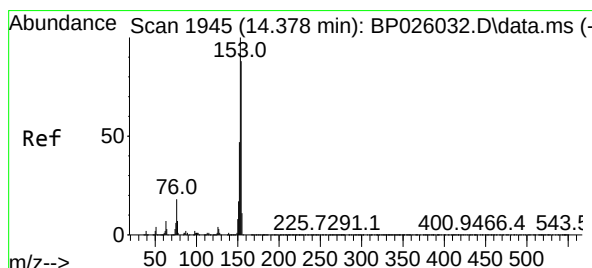
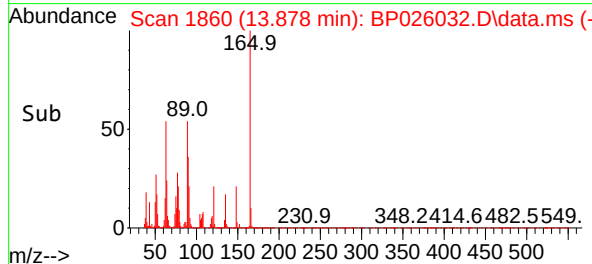
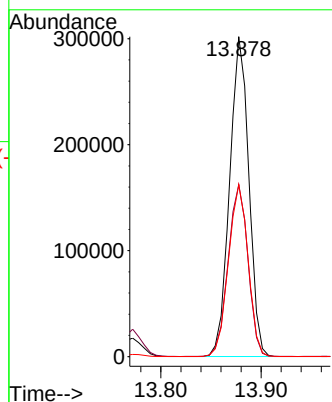
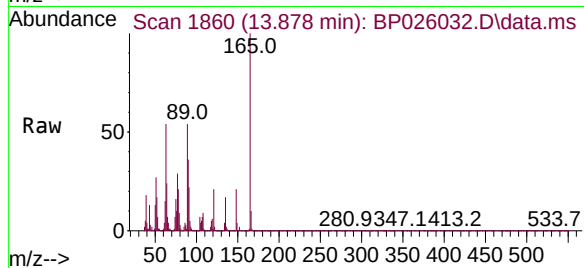




#51
2,6-Dinitrotoluene
Concen: 39.911 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

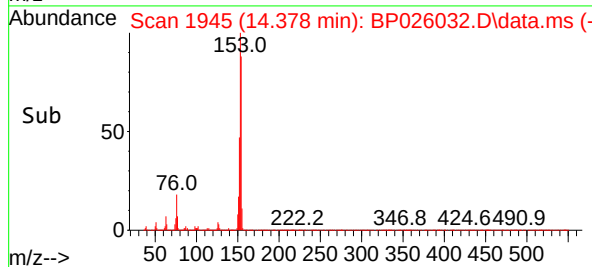
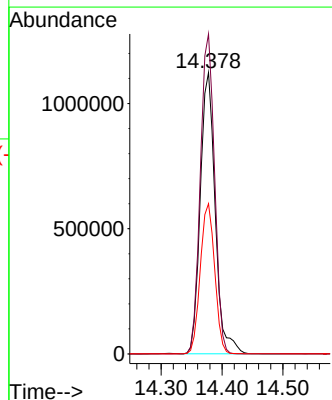
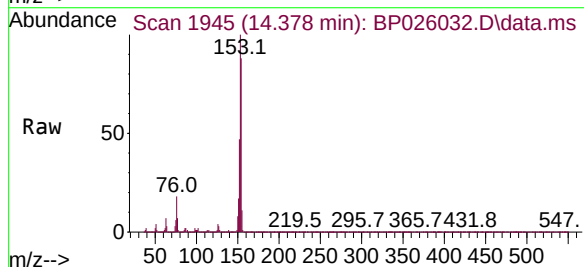
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

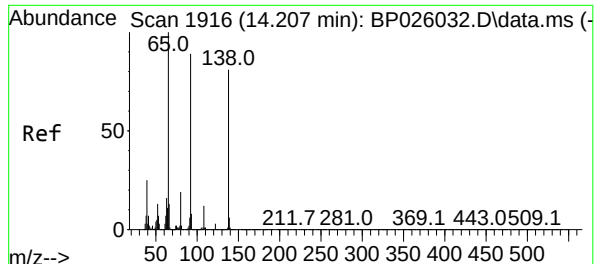
Tgt Ion:165 Resp: 402854
Ion Ratio Lower Upper
165 100
63 53.7 43.0 64.4
89 53.7 43.0 64.4



#52
Acenaphthene
Concen: 41.440 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:154 Resp: 1909071
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.4 42.7 64.1

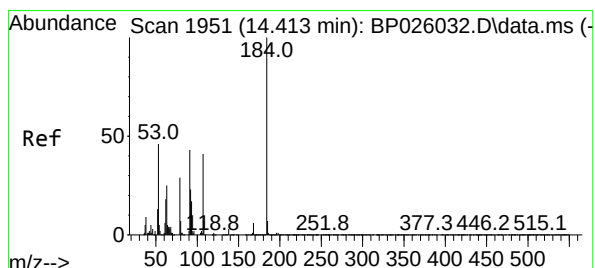
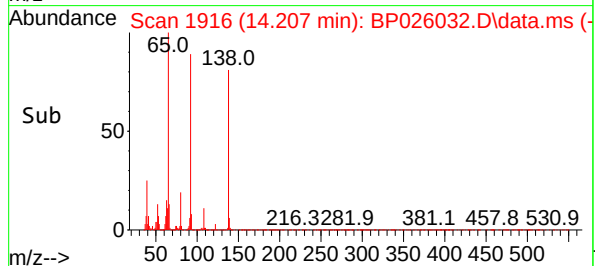
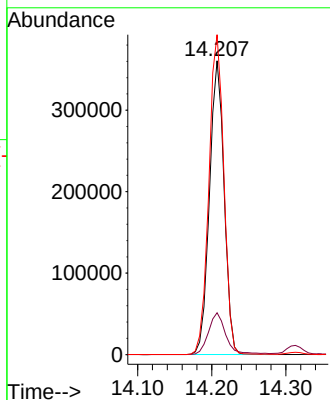
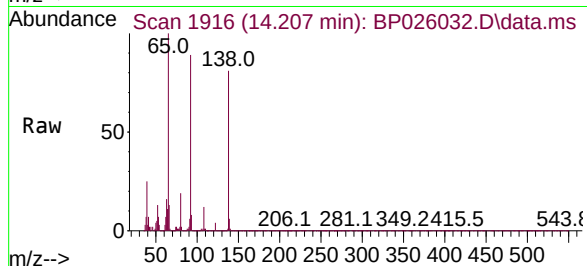




#53
3-Nitroaniline
Concen: 40.022 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

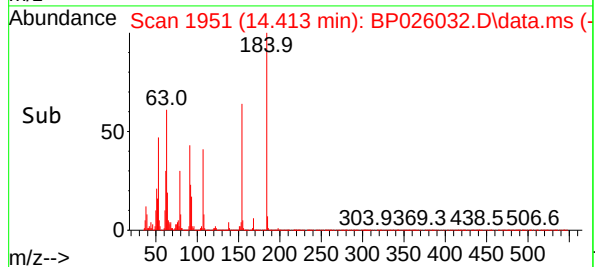
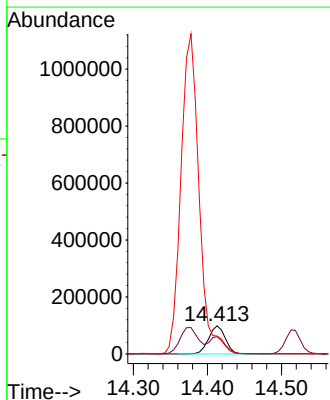
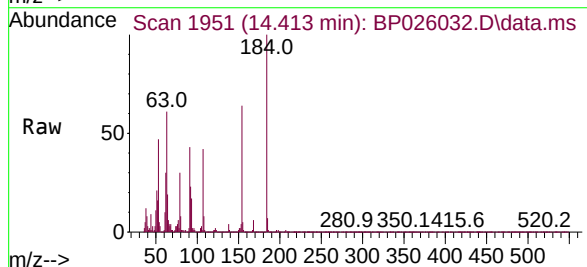
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

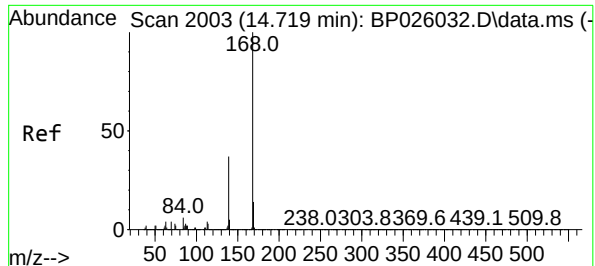
Tgt Ion:138 Resp: 495409
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 108.9 87.1 130.7



#54
2,4-Dinitrophenol
Concen: 40.475 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:184 Resp: 153212
Ion Ratio Lower Upper
184 100
63 61.2 49.0 73.4
154 63.8 51.0 76.6





#55

Dibenzofuran

Concen: 41.043 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

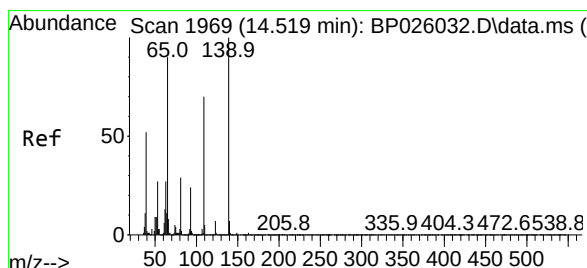
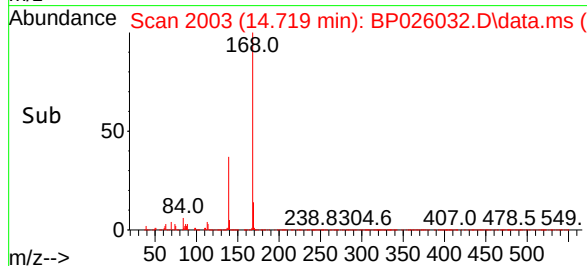
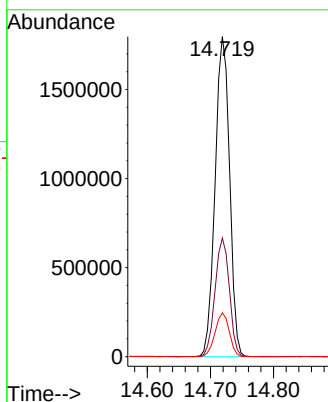
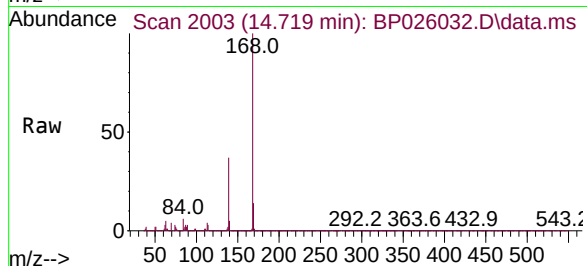
Tgt Ion:168 Resp: 2856737

Ion Ratio Lower Upper

168 100

139 37.1 29.7 44.5

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 39.340 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

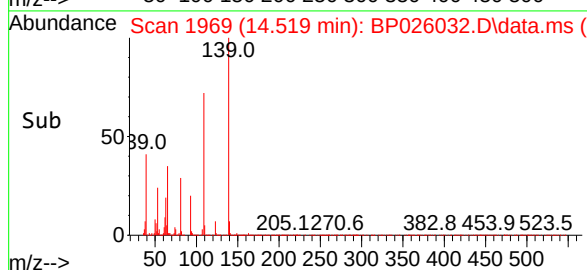
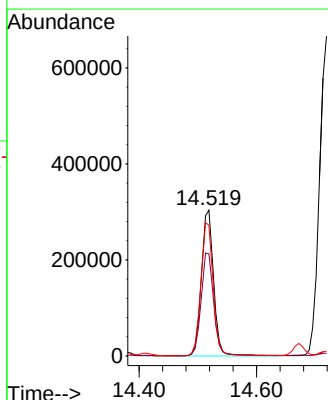
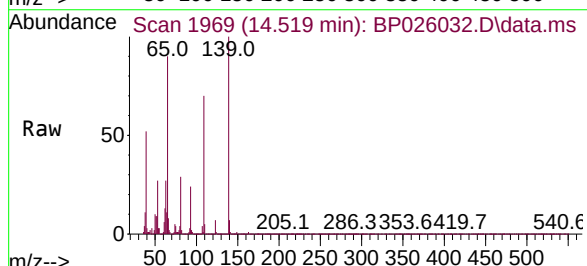
Tgt Ion:139 Resp: 436072

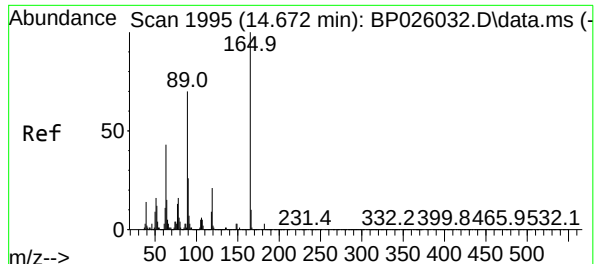
Ion Ratio Lower Upper

139 100

109 70.0 50.0 90.0

65 89.6 69.6 109.6





#57

2,4-Dinitrotoluene

Concen: 40.877 ng

RT: 14.672 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 600497

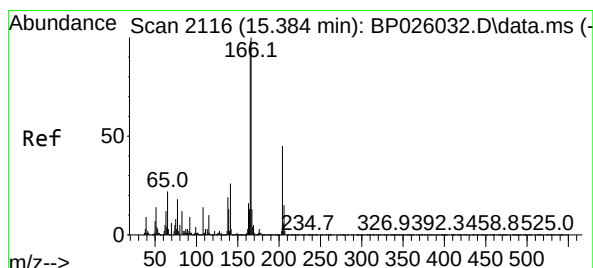
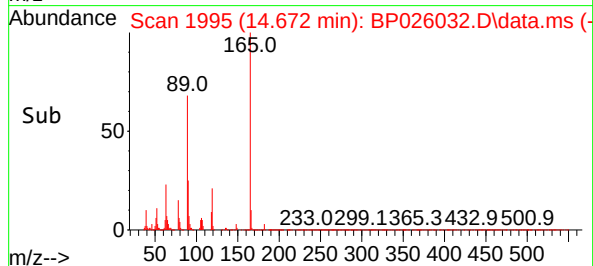
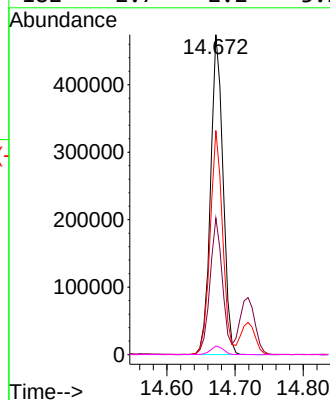
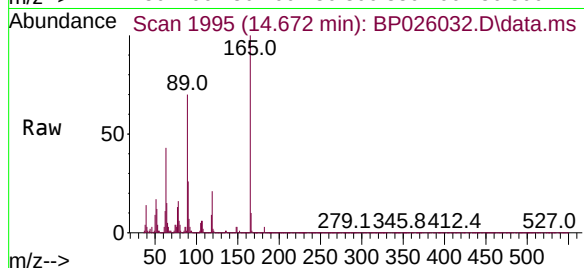
Ion Ratio Lower Upper

165 100

63 42.7 34.2 51.2

89 70.0 56.0 84.0

182 2.7 2.2 3.2



#58

Fluorene

Concen: 40.643 ng

RT: 15.384 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

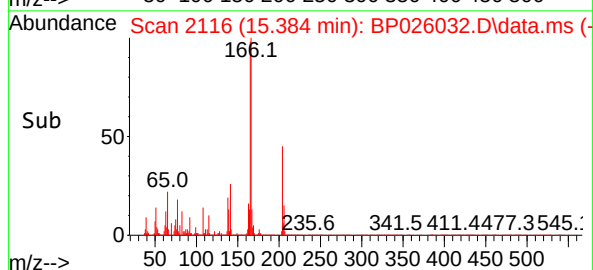
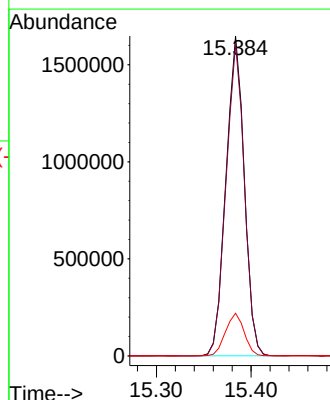
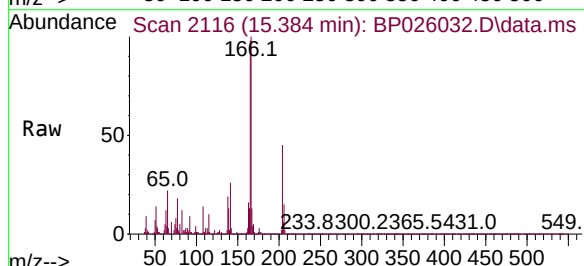
Tgt Ion:166 Resp: 2216283

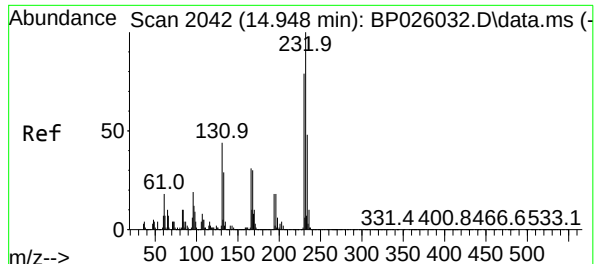
Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.213 ng

RT: 14.948 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 556750

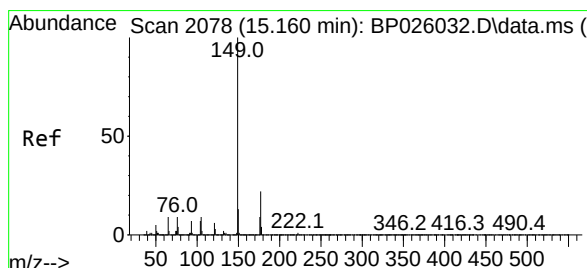
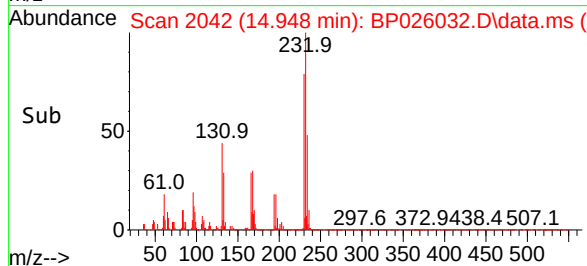
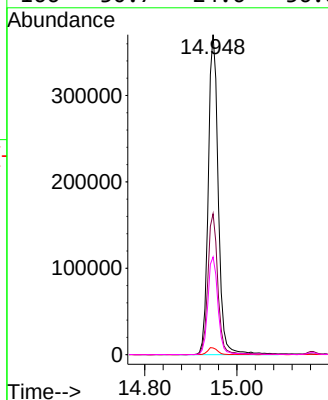
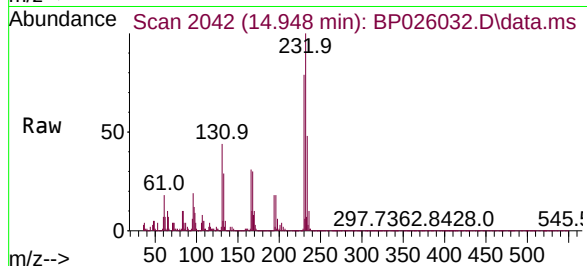
Ion Ratio Lower Upper

232 100

131 44.0 35.2 52.8

130 2.1 1.7 2.5

166 30.7 24.6 36.8



#60

Diethylphthalate

Concen: 42.357 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

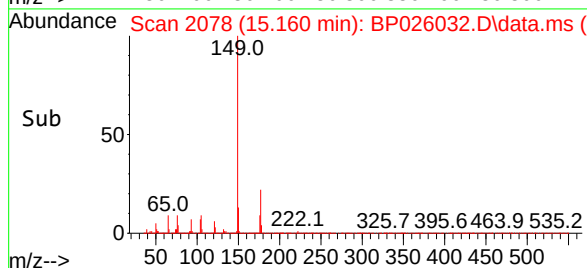
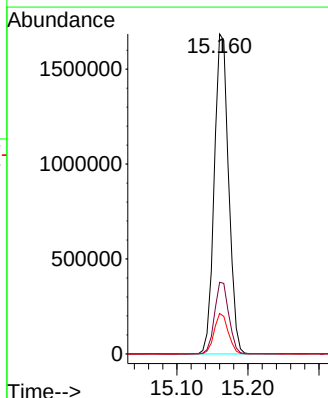
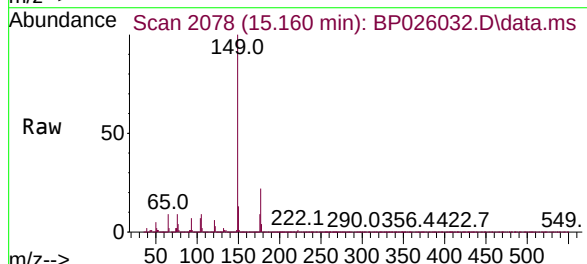
Tgt Ion:149 Resp: 2367180

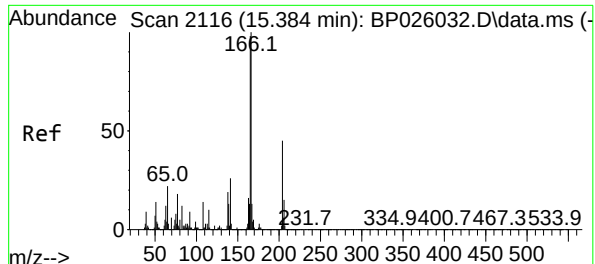
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.6 10.1 15.1

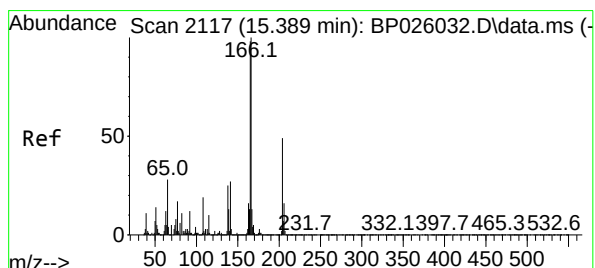
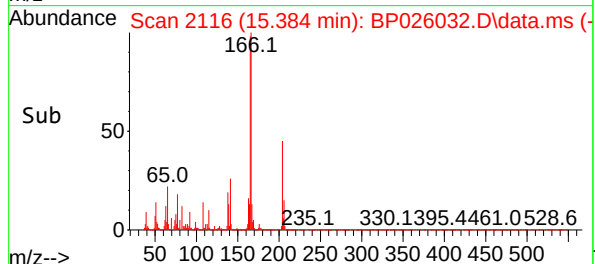
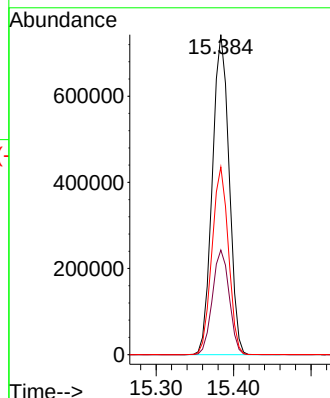
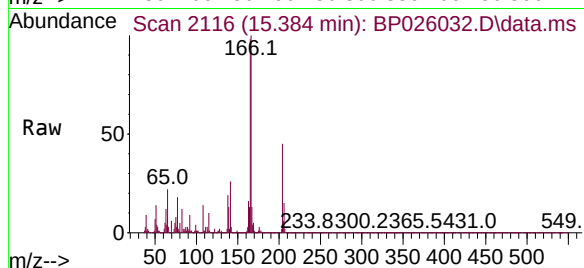




#61
4-Chlorophenyl-phenylether
Concen: 41.008 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

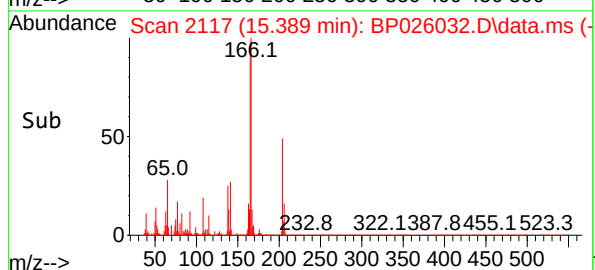
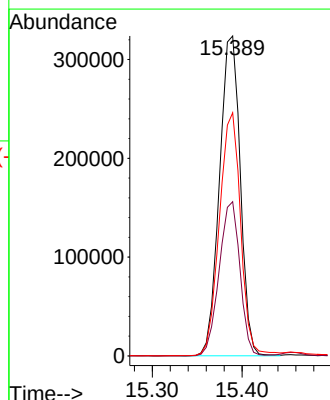
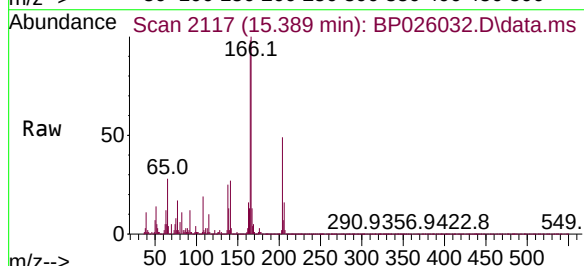
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

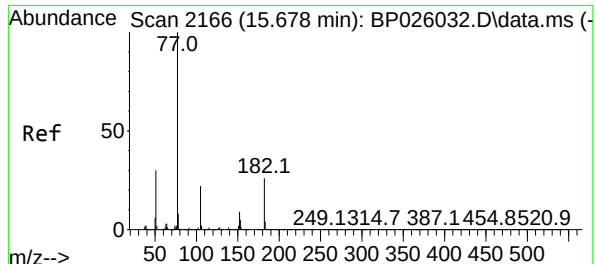
Tgt Ion:204 Resp: 1116700
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 44.005 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:138 Resp: 522724
Ion Ratio Lower Upper
138 100
92 48.2 28.2 68.2
108 76.0 56.0 96.0



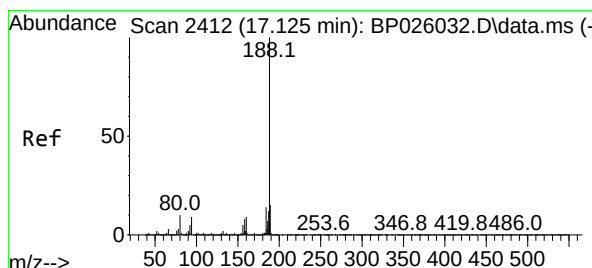
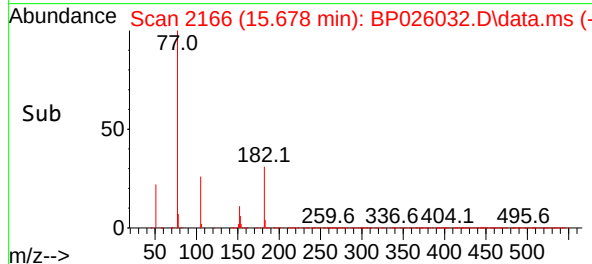
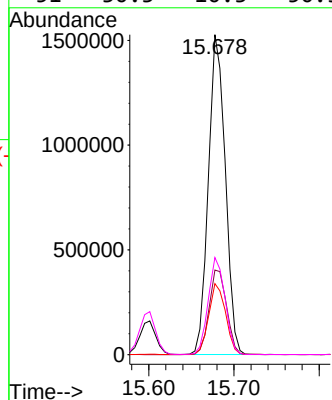
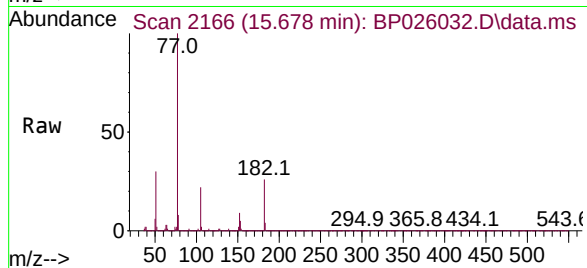


#63
Azobenzene
Concen: 41.601 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2107059

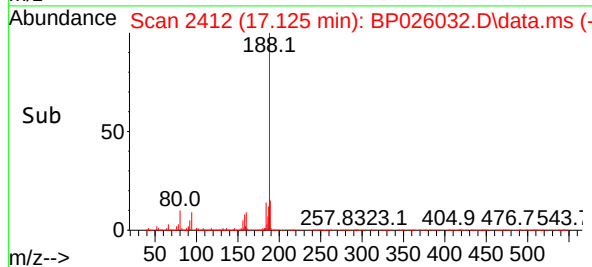
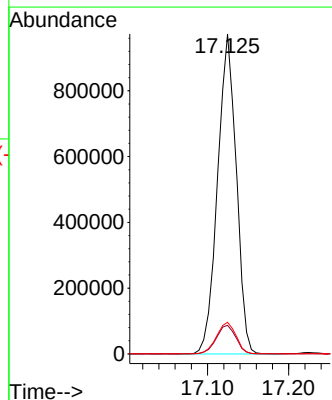
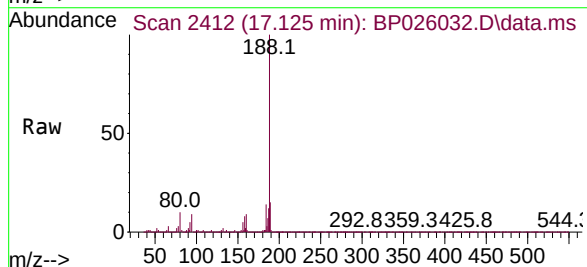
Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.4	46.4
105	22.2	2.2	42.2
51	30.3	10.3	50.3

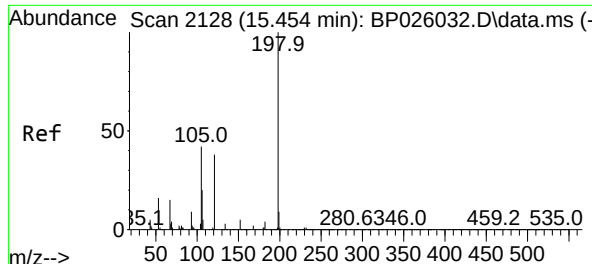


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 188 Resp: 1555861

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.9	7.9	11.9

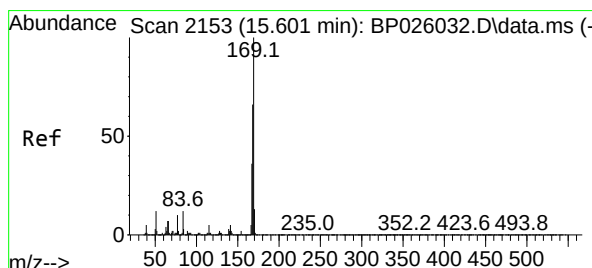
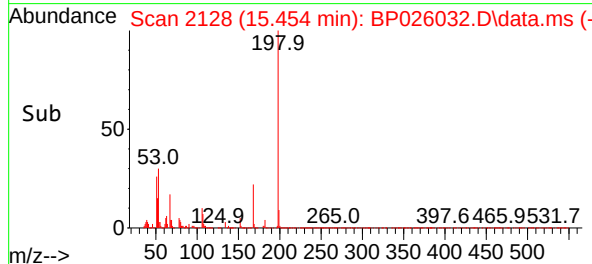
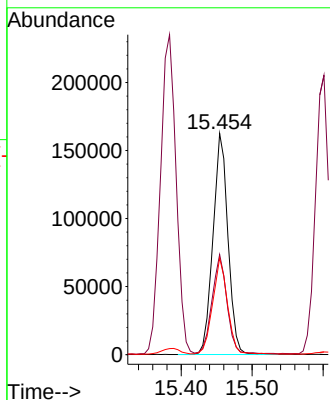
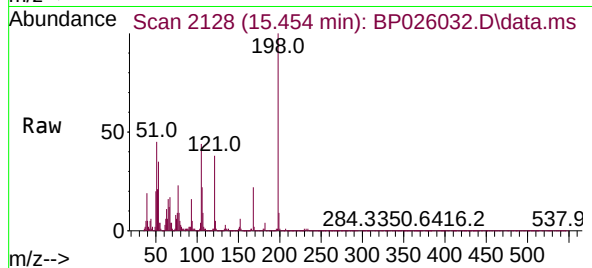




#65
4,6-Dinitro-2-methylphenol
Concen: 39.981 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

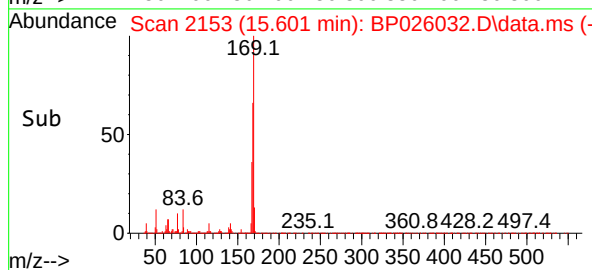
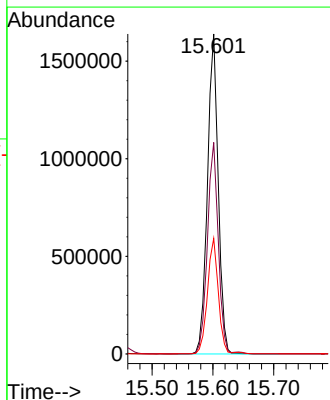
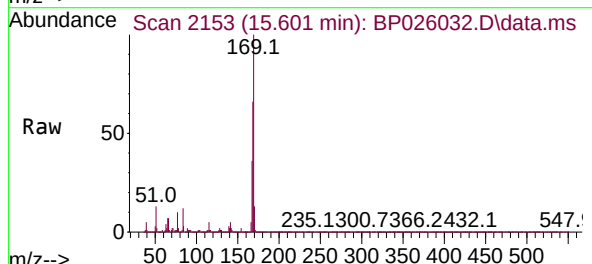
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

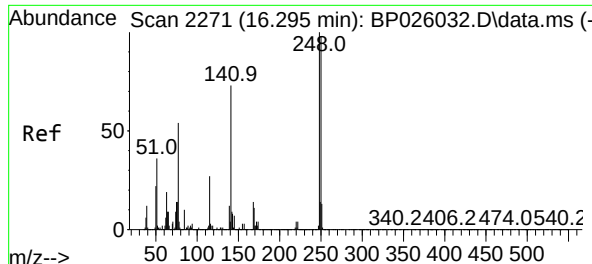
Tgt Ion:198 Resp: 237899
Ion Ratio Lower Upper
198 100
51 45.2 25.2 65.2
105 43.7 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 41.369 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:169 Resp: 2012448
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.1 28.9 43.3

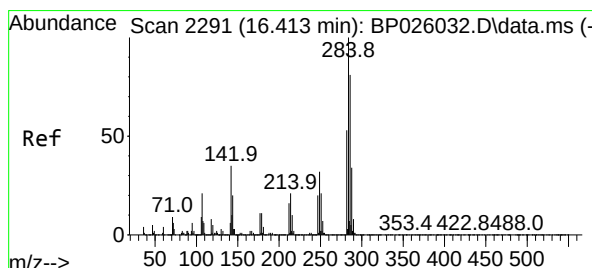
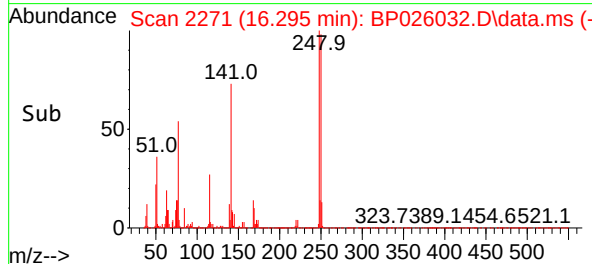
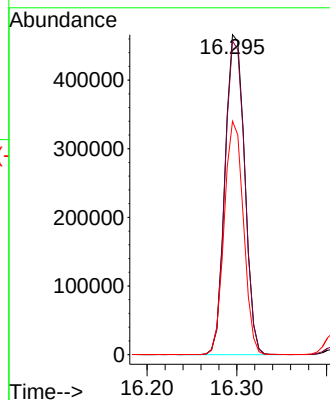
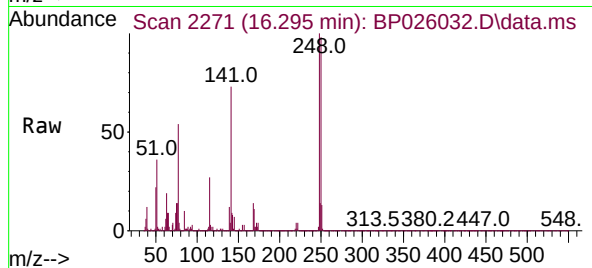




#67
4-Bromophenyl-phenylether
Concen: 41.150 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

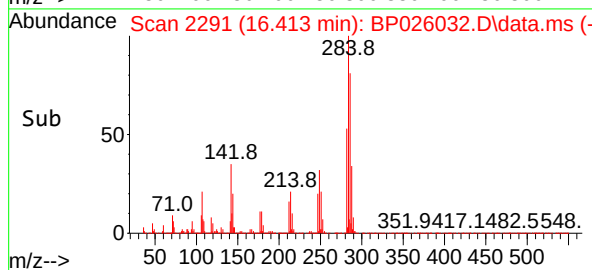
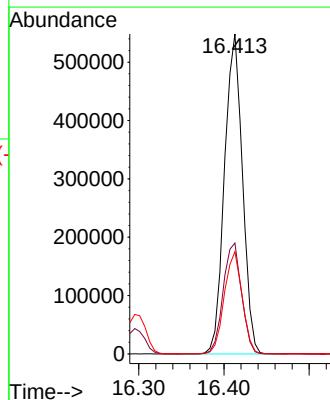
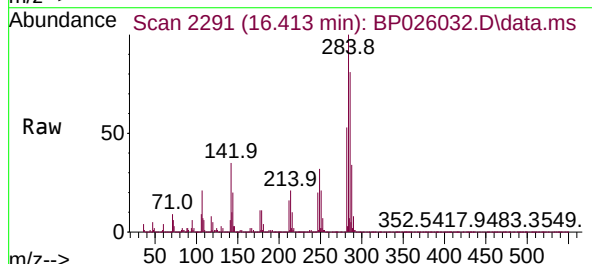
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

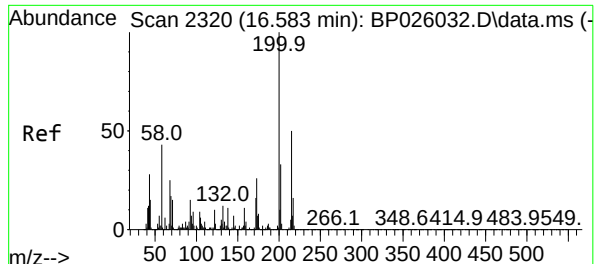
Tgt Ion:248 Resp: 710184
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 72.9 58.3 87.5



#68
Hexachlorobenzene
Concen: 40.808 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:284 Resp: 801740
Ion Ratio Lower Upper
284 100
142 34.6 27.7 41.5
249 31.9 25.5 38.3





#69

Atrazine

Concen: 41.518 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

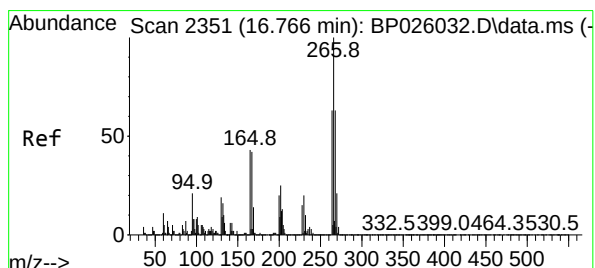
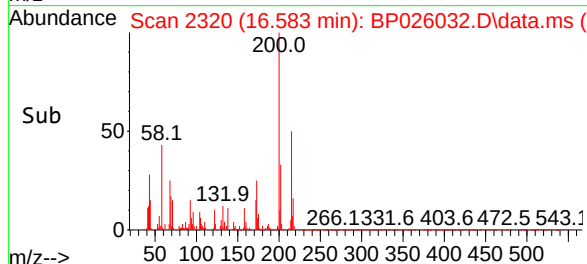
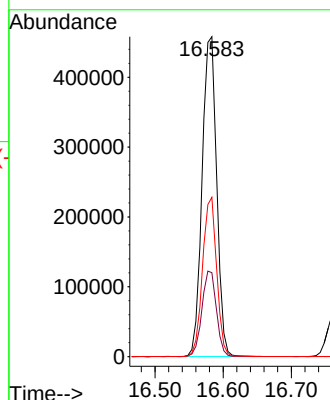
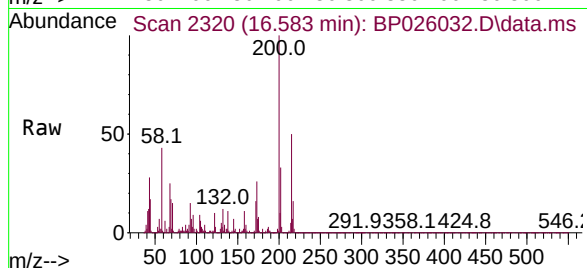
Tgt Ion:200 Resp: 681323

Ion Ratio Lower Upper

200 100

173 26.2 6.2 46.2

215 49.8 29.8 69.8



#70

Pentachlorophenol

Concen: 41.647 ng

RT: 16.766 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

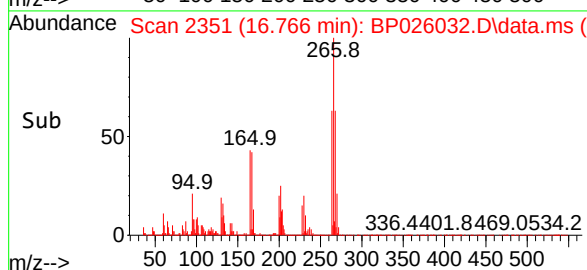
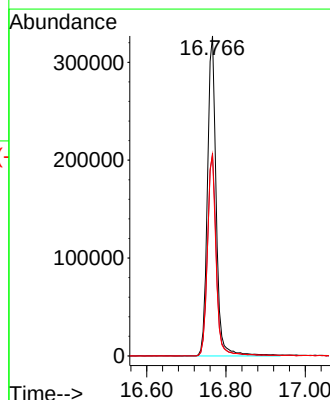
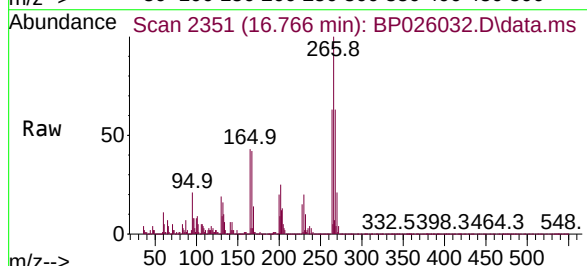
Tgt Ion:266 Resp: 499791

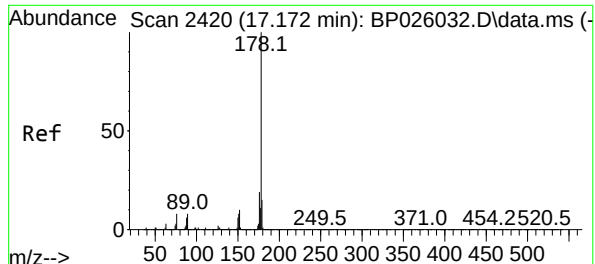
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 62.8 50.2 75.4

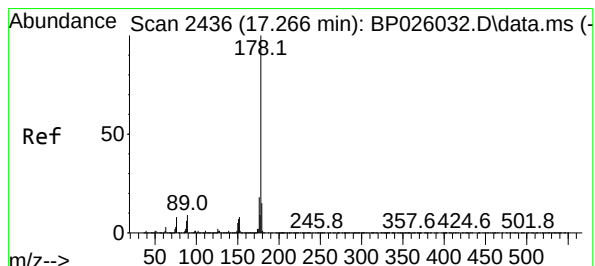
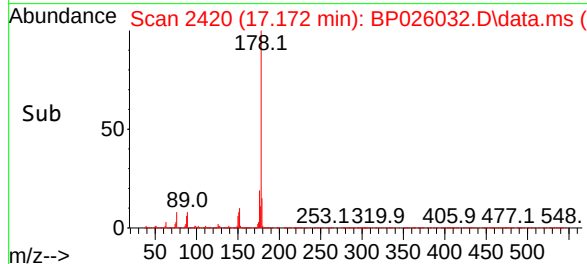
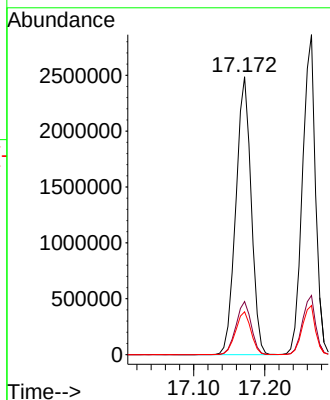
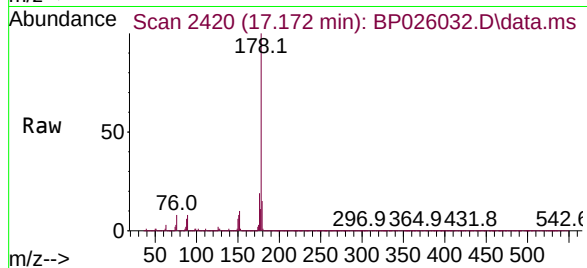




#71
Phenanthrene
Concen: 40.848 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

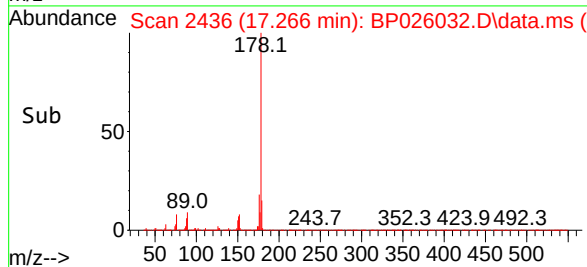
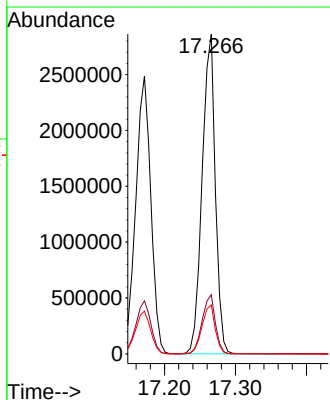
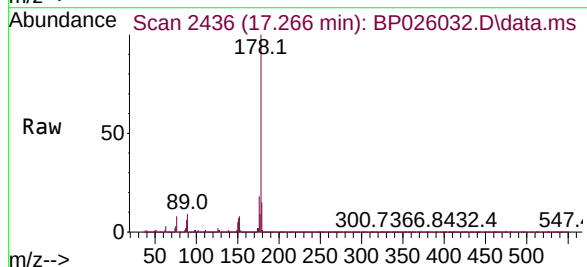
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

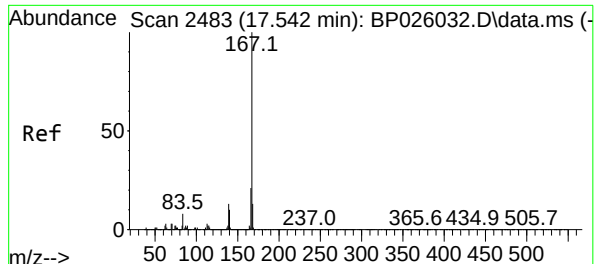
Tgt Ion:178 Resp: 3699137
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.3 18.5



#72
Anthracene
Concen: 40.790 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:178 Resp: 3661573
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4

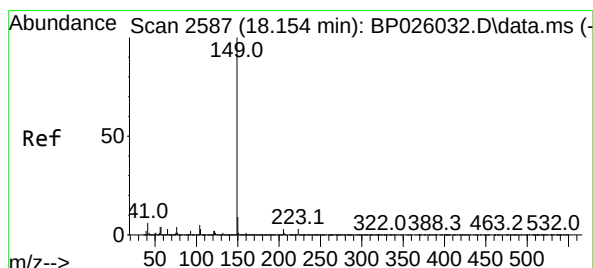
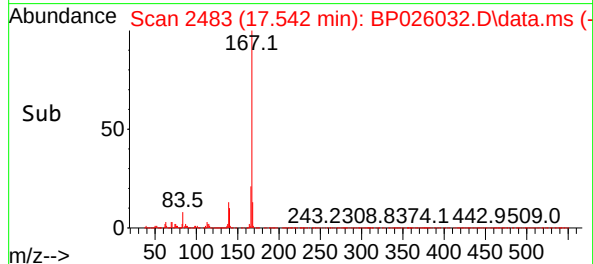
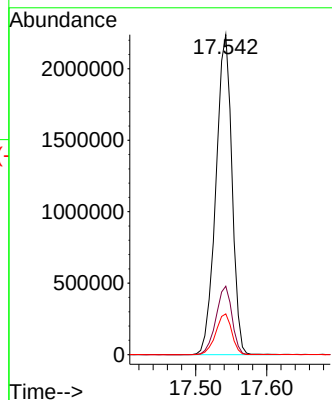
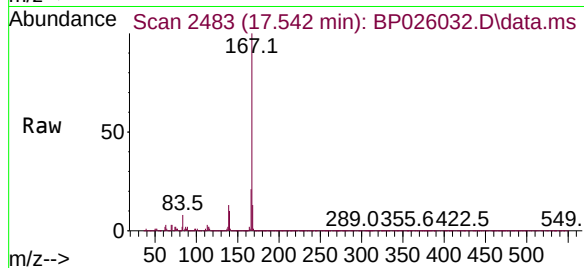




#73
Carbazole
Concen: 41.351 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

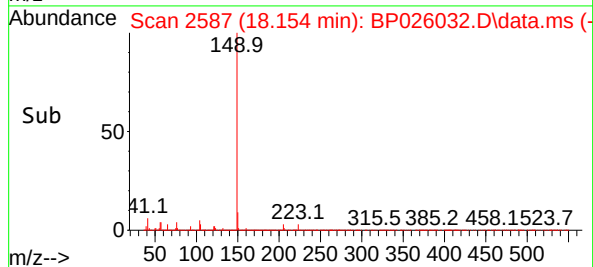
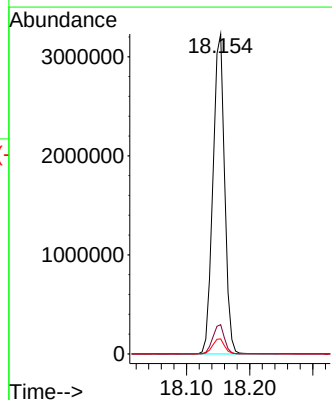
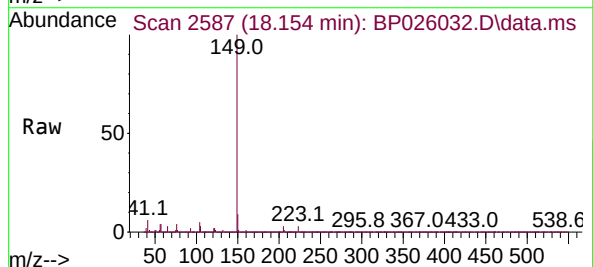
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

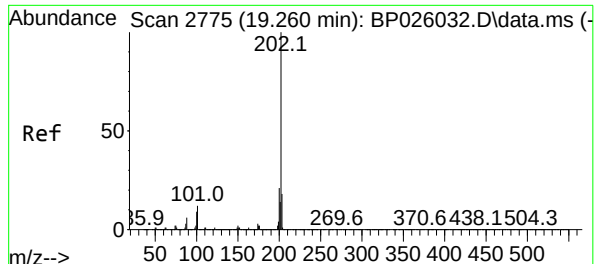
Tgt Ion:167 Resp: 3513761
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.7 10.2 15.2



#74
Di-n-butylphthalate
Concen: 43.610 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 4146570
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

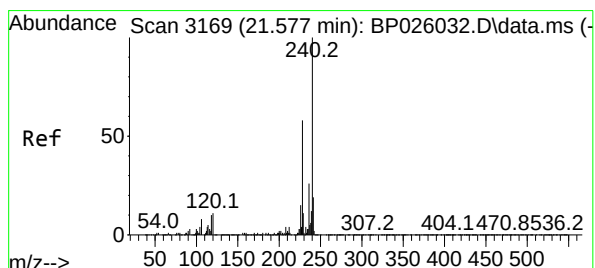
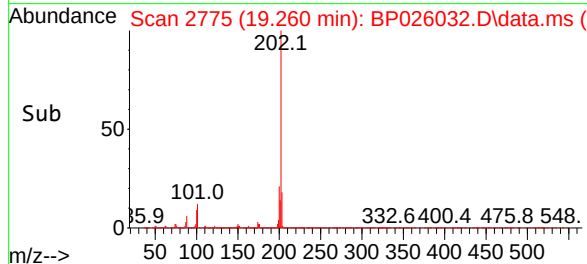
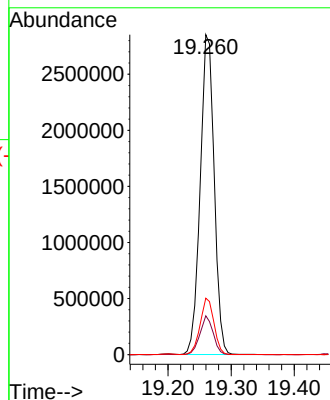
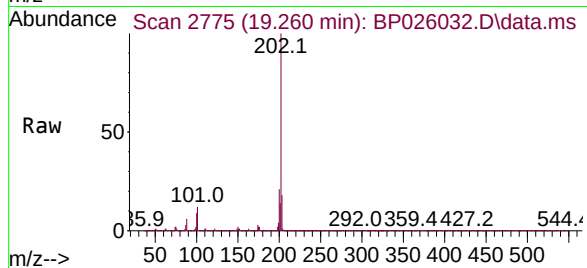




#75
Fluoranthene
Concen: 41.552 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

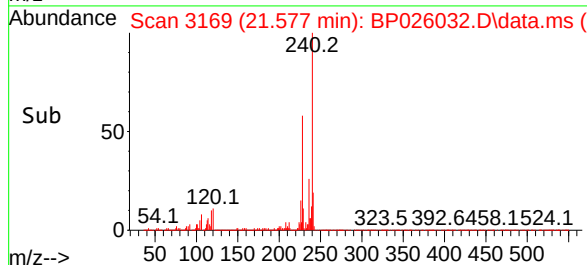
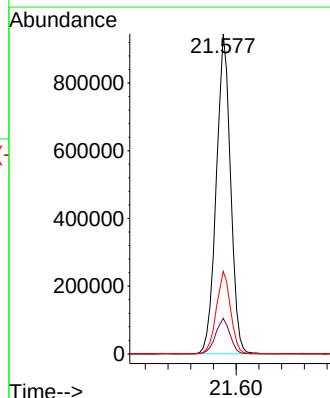
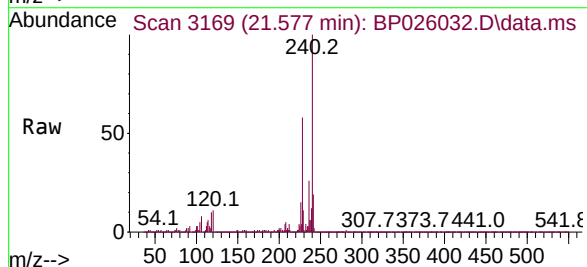
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

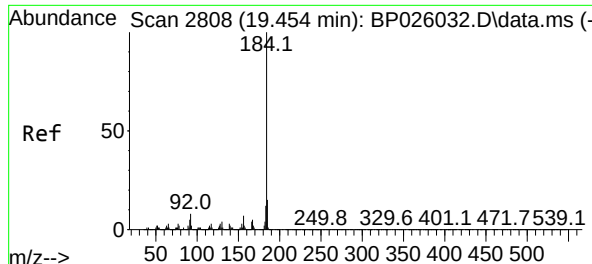
Tgt Ion:202 Resp: 4389430
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.1
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:240 Resp: 1646604
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.8 20.6 31.0

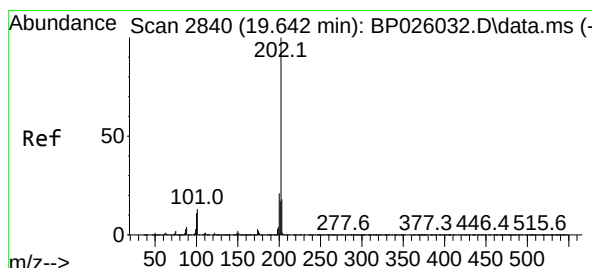
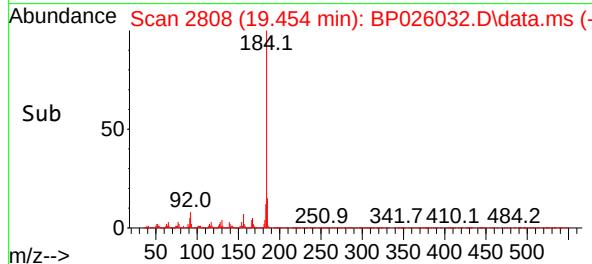
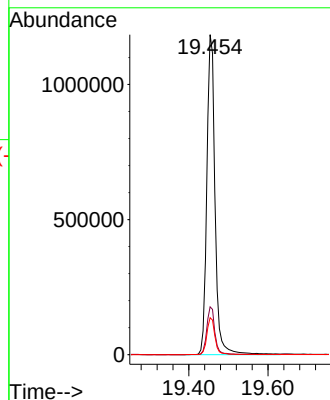
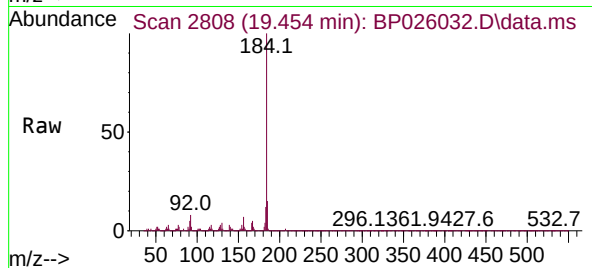




#77
Benzidine
Concen: 40.744 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

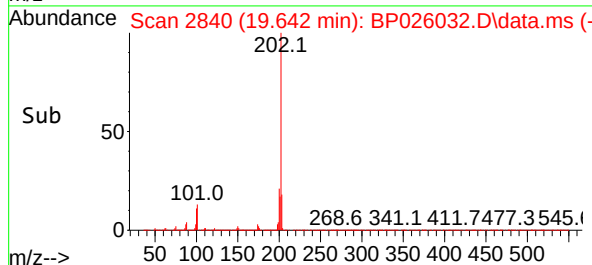
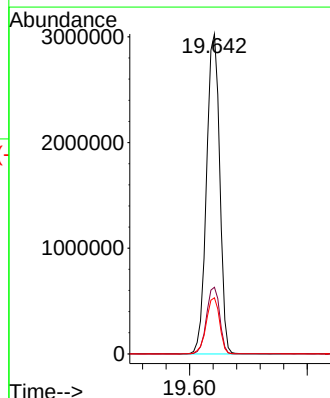
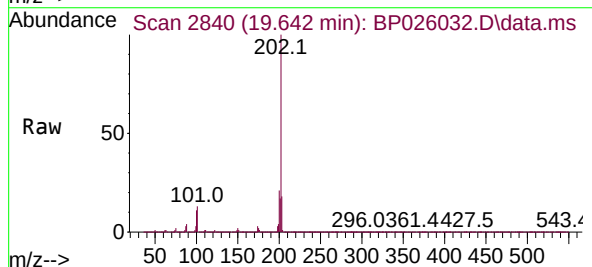
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

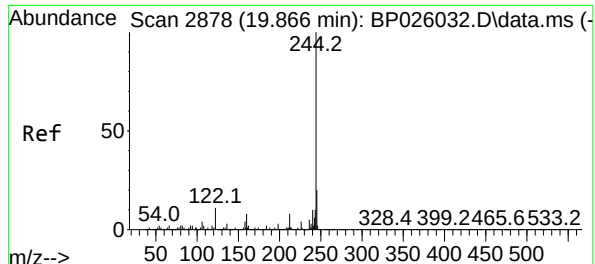
Tgt Ion:184 Resp: 1702883
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.5 9.2 13.8



#78
Pyrene
Concen: 42.194 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:202 Resp: 4699012
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 82.377 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

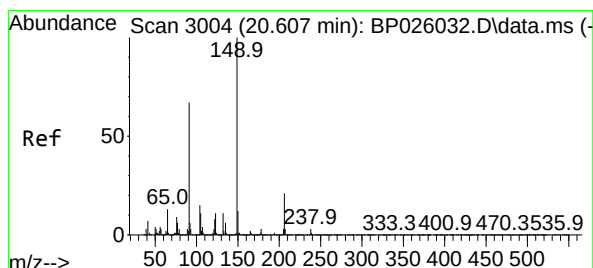
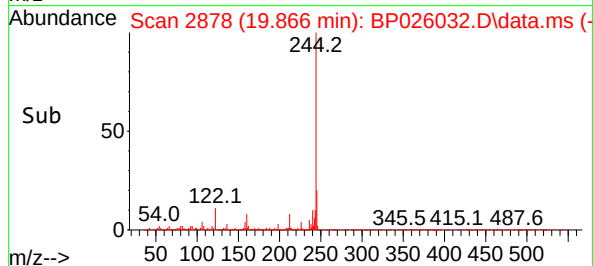
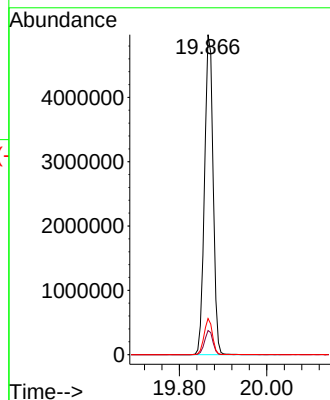
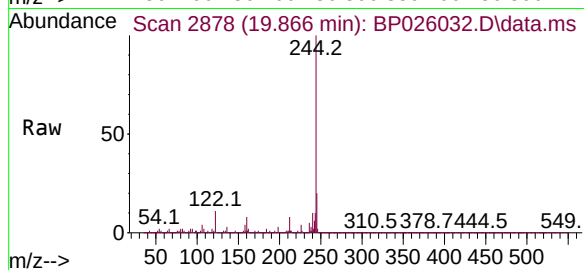
Tgt Ion:244 Resp: 6676375

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 11.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 39.905 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

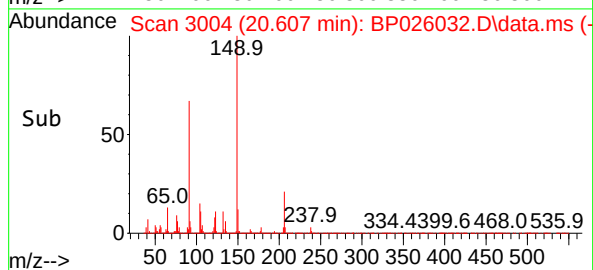
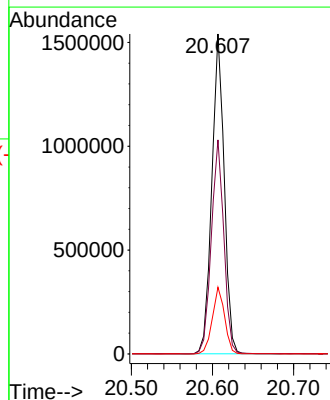
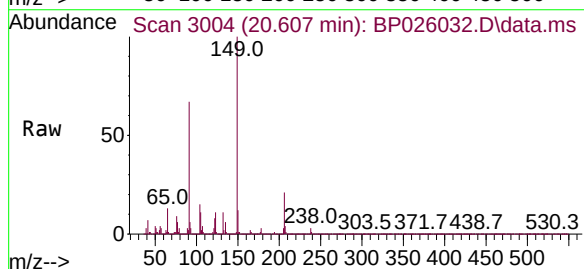
Tgt Ion:149 Resp: 1633601

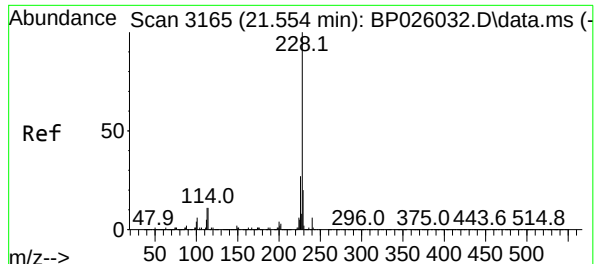
Ion Ratio Lower Upper

149 100

91 66.9 53.5 80.3

206 20.8 16.6 25.0

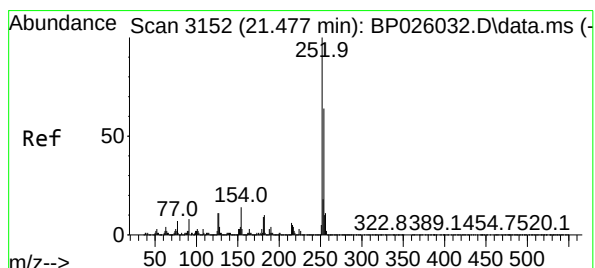
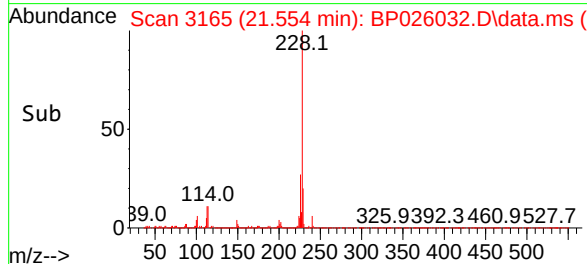
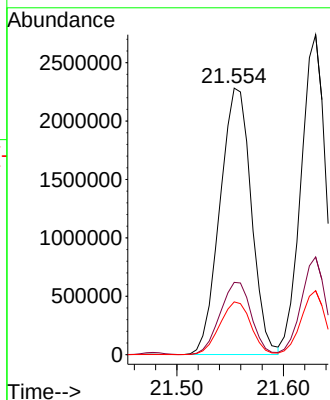
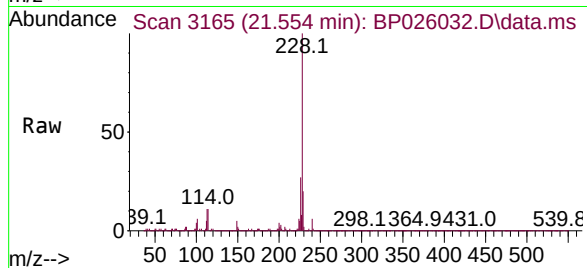




#81
Benzo(a)anthracene
Concen: 41.317 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

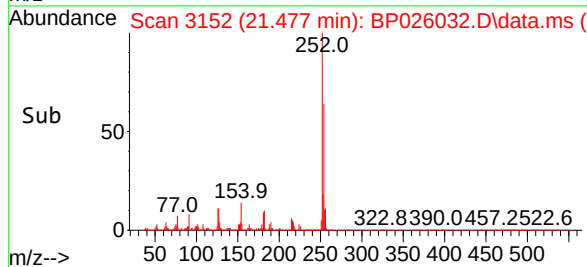
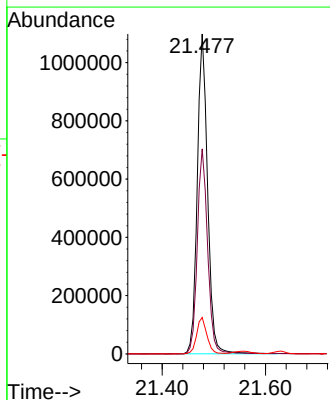
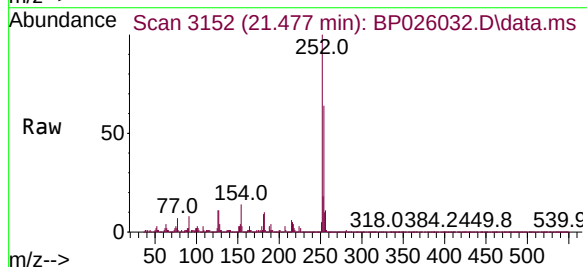
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

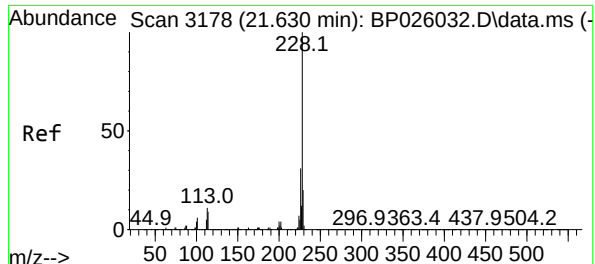
Tgt Ion:228 Resp: 4675082
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.695 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 1520065
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 11.4 9.1 13.7





#83

Chrysene

Concen: 41.334 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

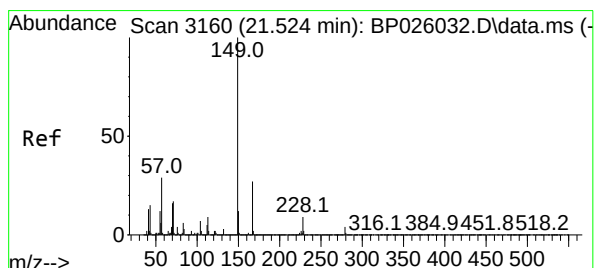
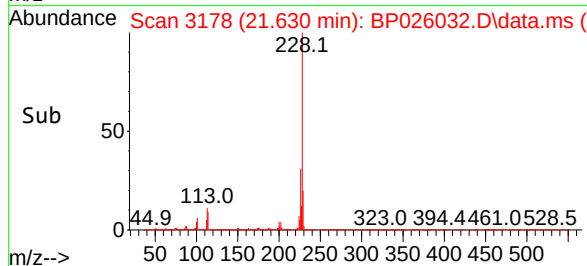
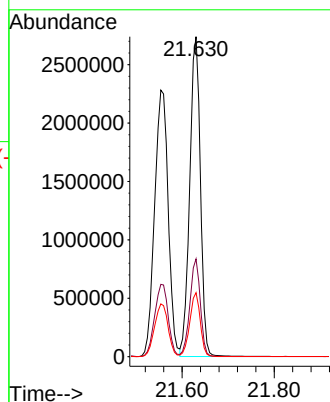
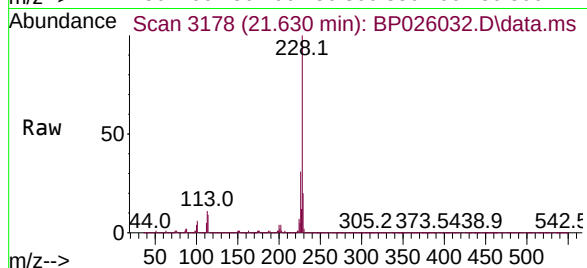
Tgt Ion:228 Resp: 4430345

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.098 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

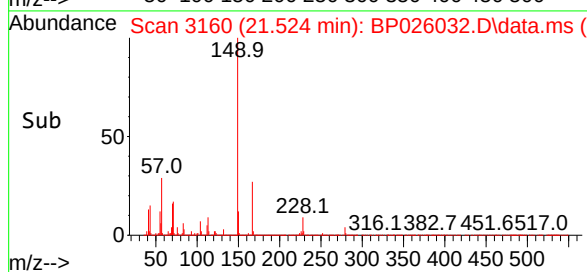
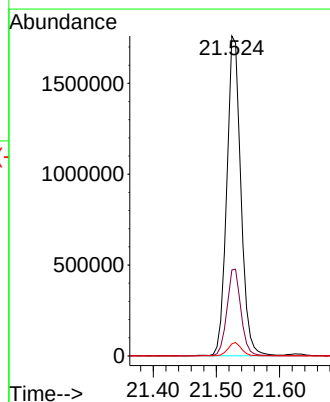
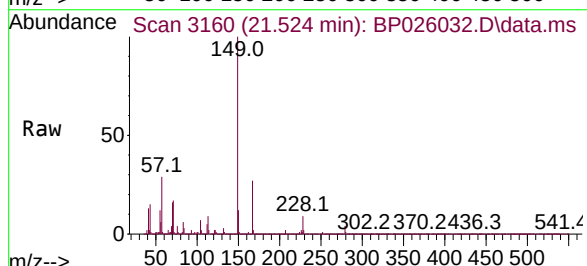
Tgt Ion:149 Resp: 2729269

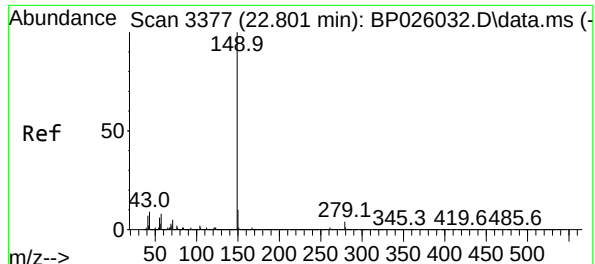
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

279 3.8 3.0 4.6

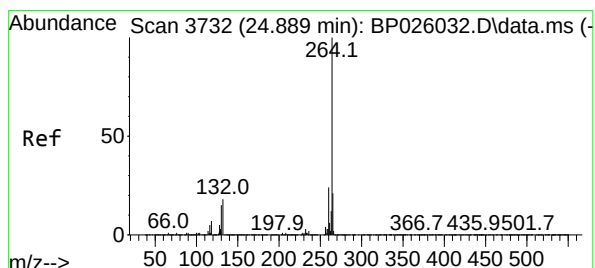
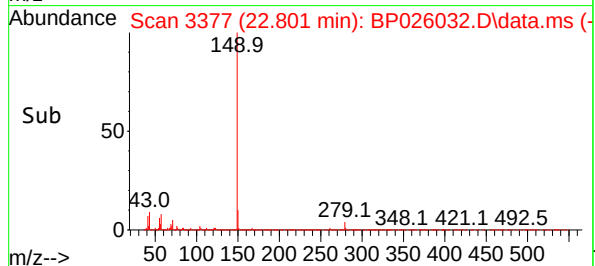
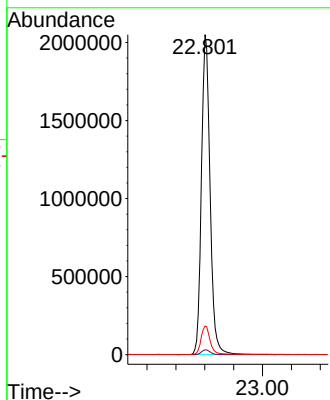
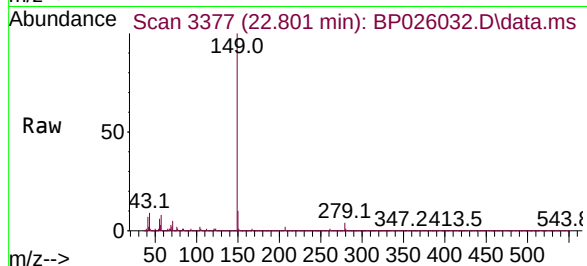




#85
Di-n-octyl phthalate
Concen: 43.233 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

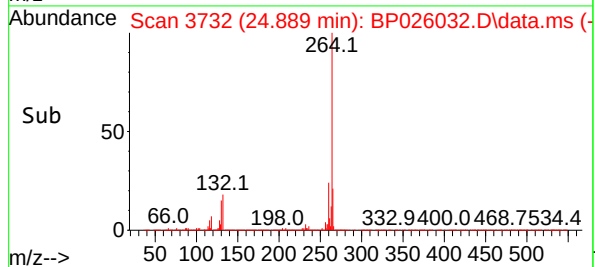
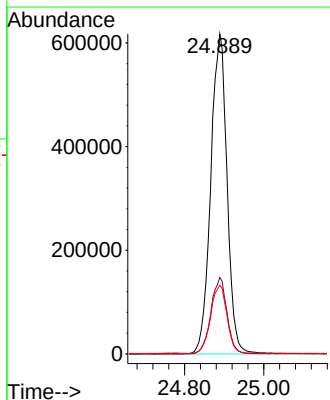
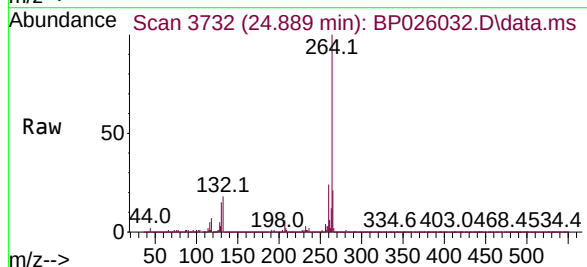
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

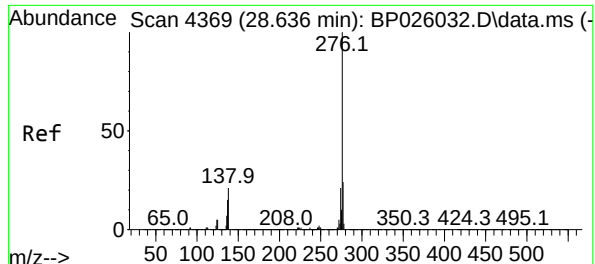
Tgt Ion:149 Resp: 4237623
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:264 Resp: 1760712
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.386 ng

RT: 28.636 min Scan# 4369

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

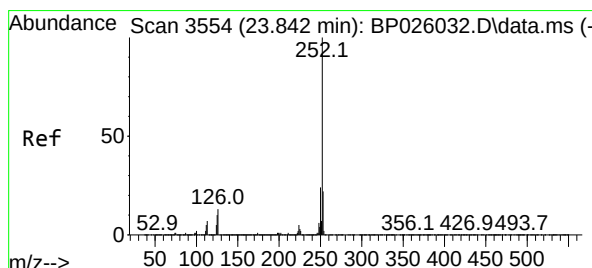
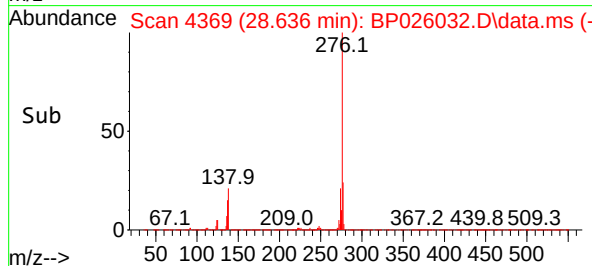
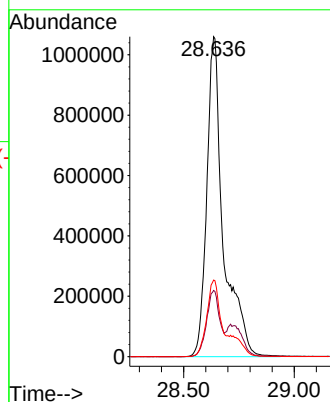
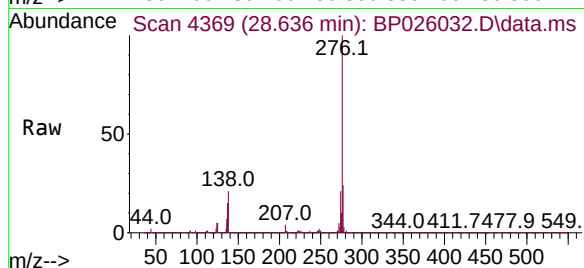
Tgt Ion:276 Resp: 5507457

Ion Ratio Lower Upper

276 100

138 16.5 13.2 19.8

277 20.4 16.3 24.5



#88

Benzo(b)fluoranthene

Concen: 42.083 ng

RT: 23.842 min Scan# 3554

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

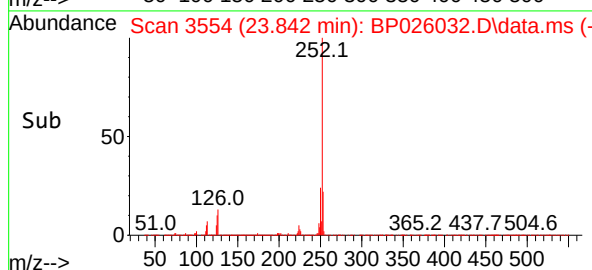
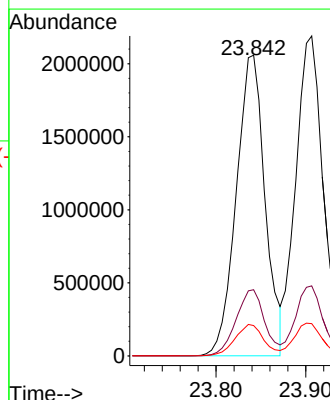
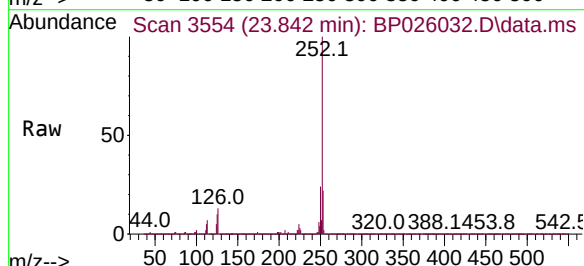
Tgt Ion:252 Resp: 4599800

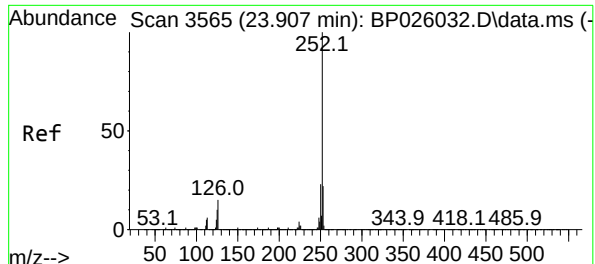
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 41.983 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

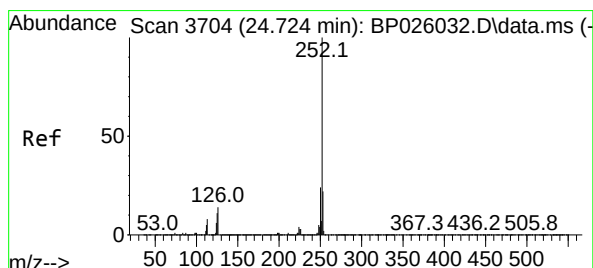
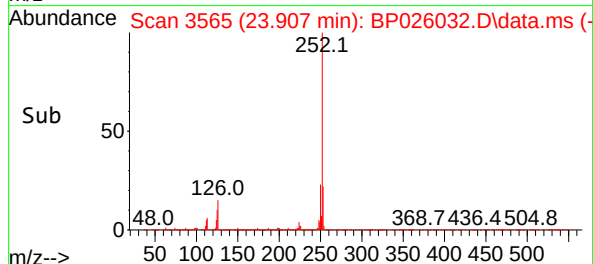
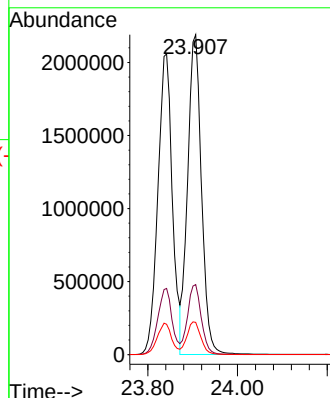
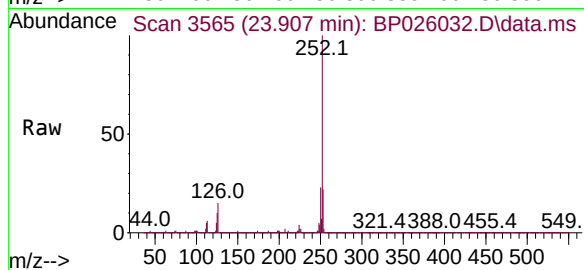
Tgt Ion:252 Resp: 4686005

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 42.443 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

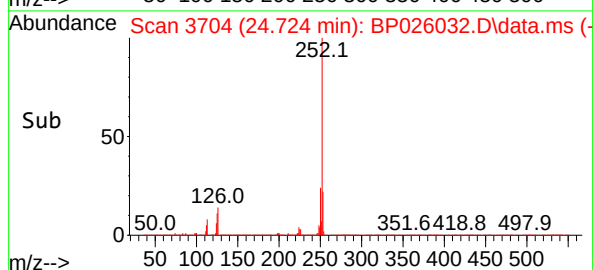
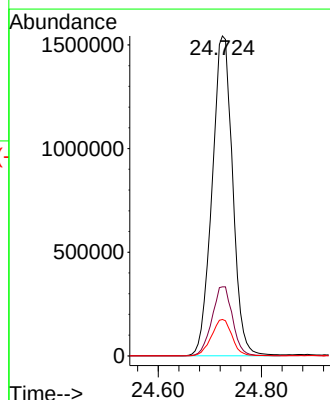
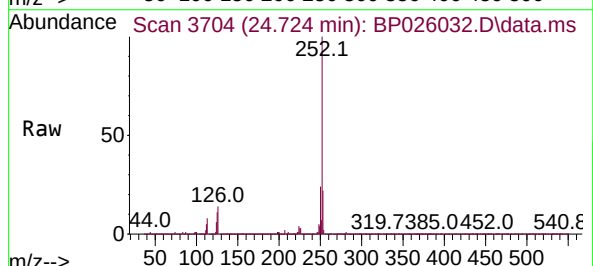
Tgt Ion:252 Resp: 4261972

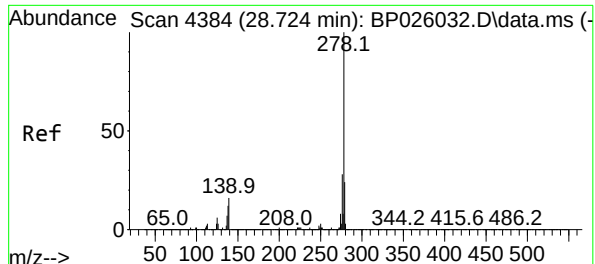
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 42.397 ng

RT: 28.724 min Scan# 4384

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

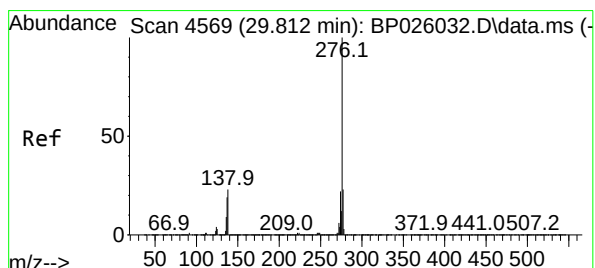
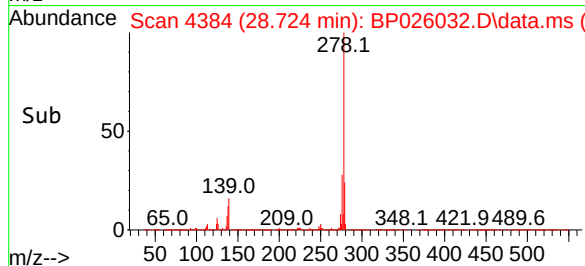
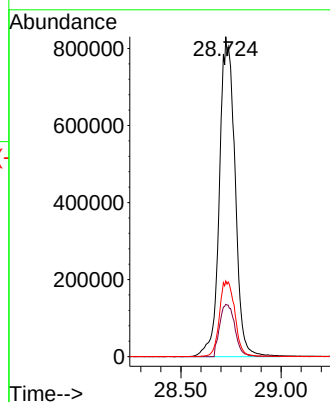
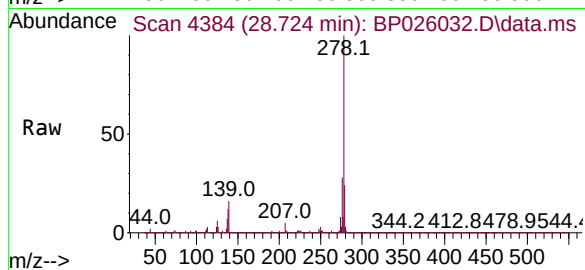
Tgt Ion:278 Resp: 4484851

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.6

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 41.915 ng

RT: 29.812 min Scan# 4569

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

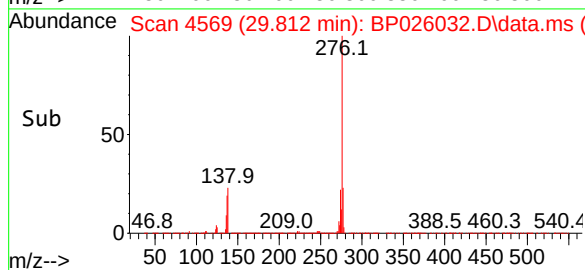
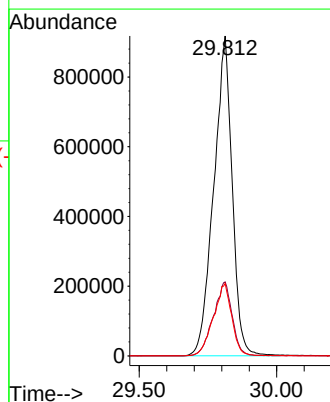
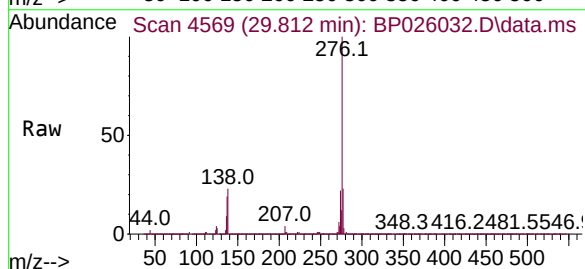
Tgt Ion:276 Resp: 4266684

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 22.6 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	349214	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1438966	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	904273	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1803155	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1902632	20.000	ng	0.00
86) Perylene-d12	24.883	264	2091380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1961372	92.678	ng	0.00
7) Phenol-d6	6.855	99	2487382	92.341	ng	0.00
23) Nitrobenzene-d5	8.825	82	2201797	95.388	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	946601	96.828	ng	0.00
45) 2-Fluorobiphenyl	12.937	172	5564834	88.427	ng	0.00
79) Terphenyl-d14	19.866	244	8183730	87.388	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.237	88	395783	44.361	ng	99
3) Pyridine	3.625	79	1138611	44.894	ng	100
4) n-Nitrosodimethylamine	3.537	42	455456	44.806	ng	99
6) Aniline	7.019	93	1645368	45.768	ng	99
8) 2-Chlorophenol	7.255	128	1102018	47.024	ng	99
9) Benzaldehyde	6.837	77	584865	41.768	ng	98
10) Phenol	6.884	94	1369223	45.786	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1072428	45.441	ng	100
12) 1,3-Dichlorobenzene	7.578	146	1208921	44.919	ng	100
13) 1,4-Dichlorobenzene	7.719	146	1221221	44.879	ng	100
14) 1,2-Dichlorobenzene	8.037	146	1168413	44.998	ng	99
15) Benzyl Alcohol	7.919	79	890562	45.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1611516	45.181	ng	100
17) 2-Methylphenol	8.113	107	922978	47.134	ng	99
18) Hexachloroethane	8.755	117	427757	45.939	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	789416	47.211	ng	98
20) 3+4-Methylphenols	8.437	107	1248064	45.814	ng	99
22) Acetophenone	8.496	105	1638579	45.025	ng	# 98
24) Nitrobenzene	8.866	77	1139668	46.762	ng	100
25) Isophorone	9.390	82	2274125	46.029	ng	99
26) 2-Nitrophenol	9.572	139	447065	49.734	ng	97
27) 2,4-Dimethylphenol	9.631	122	966770	46.532	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1423542	45.719	ng	99
29) 2,4-Dichlorophenol	10.096	162	1050277	47.877	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1082702	45.408	ng	98
31) Naphthalene	10.501	128	3517083	44.821	ng	99
32) Benzoic acid	9.760	122	583423	46.816	ng	98
33) 4-Chloroaniline	10.607	127	1380084	45.768	ng	99
34) Hexachlorobutadiene	10.801	225	683383	45.101	ng	99
35) Caprolactam	11.372	113	356316	46.253	ng	95
36) 4-Chloro-3-methylphenol	11.725	107	1091555	47.466	ng	99
37) 2-Methylnaphthalene	12.113	142	2496690	45.460	ng	99
38) 1-Methylnaphthalene	12.343	142	2384802	44.696	ng	98
40) 1,2,4,5-Tetrachloroben...	12.490	216	1276225	45.422	ng	99
41) Hexachlorocyclopentadiene	12.478	237	492338	47.892	ng	97
43) 2,4,6-Trichlorophenol	12.725	196	814315	49.033	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	915816	48.327	ng	98
46) 1,1'-Biphenyl	13.143	154	3114348	44.979	ng	99
47) 2-Chloronaphthalene	13.184	162	2465203	45.251	ng	99
48) 2-Nitroaniline	13.378	65	626496	45.673	ng	100
49) Acenaphthylene	14.037	152	3657970	46.069	ng	99
50) Dimethylphthalate	13.772	163	2990506	45.465	ng	100
51) 2,6-Dinitrotoluene	13.884	165	554294	45.947	ng	100
52) Acenaphthene	14.389	154	2461012	45.148	ng	100
53) 3-Nitroaniline	14.213	138	666202	45.125	ng	98
54) 2,4-Dinitrophenol	14.413	184	217265	46.408	ng	# 85
55) Dibenzofuran	14.725	168	3647999	44.295	ng	98
56) 4-Nitrophenol	14.519	139	583197	44.465	ng	99
57) 2,4-Dinitrotoluene	14.684	165	812960	46.376	ng	96
58) Fluorene	15.395	166	2848597	44.149	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	741007	49.733	ng	100
60) Diethylphthalate	15.178	149	3052331	46.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	1408511	43.714	ng	99
62) 4-Nitroaniline	15.401	138	673347	47.907	ng	100
63) Azobenzene	15.695	77	2685827	44.816	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	336876	46.617	ng	94
66) n-Nitrosodiphenylamine	15.613	169	2556770	45.350	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	918587	45.926	ng	99
68) Hexachlorobenzene	16.419	284	1017148	44.671	ng	98
69) Atrazine	16.583	200	868165	45.648	ng	98
70) Pentachlorophenol	16.766	266	667717	48.009	ng	100
71) Phenanthrene	17.172	178	4646242	44.270	ng	100
72) Anthracene	17.266	178	4704548	45.221	ng	100
73) Carbazole	17.542	167	4367887	44.353	ng	99
74) Di-n-butylphthalate	18.160	149	5391627	48.928	ng	100
75) Fluoranthene	19.260	202	5518479	45.075	ng	99
77) Benzidine	19.460	184	2144466	44.405	ng	100
78) Pyrene	19.636	202	5789133	44.987	ng	99
80) Butylbenzylphthalate	20.607	149	2226346	46.457	ng	99
81) Benzo(a)anthracene	21.548	228	5824139	44.546	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1980734	47.020	ng	99
83) Chrysene	21.619	228	5558878	44.884	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3652585	47.172	ng	98
85) Di-n-octyl phthalate	22.807	149	5887832	51.985	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	7169922m	46.456	ng	
88) Benzo(b)fluoranthene	23.854	252	6008578	46.280	ng	100
89) Benzo(k)fluoranthene	23.924	252	5963953	44.984	ng	100
90) Benzo(a)pyrene	24.742	252	5510203	46.197	ng	99
91) Dibenzo(a,h)anthracene	28.753	278	5841467	46.490	ng	99
92) Benzo(g,h,i)perylene	29.812	276	5581541	46.163	ng	99

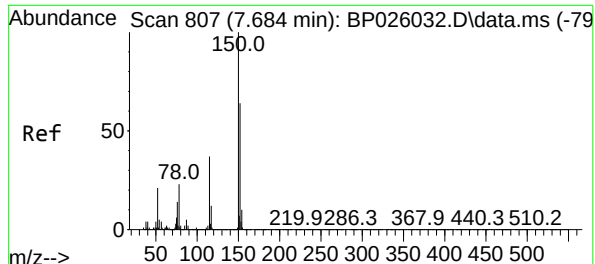
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

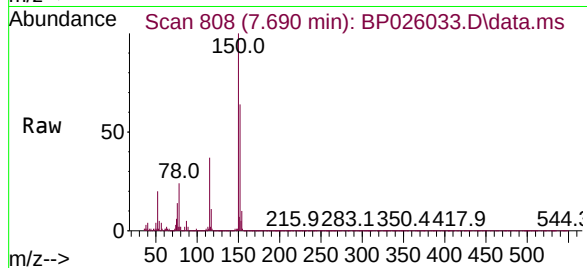
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jaagrut Upadhyay 11/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

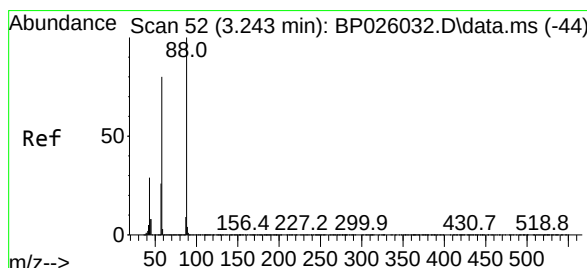
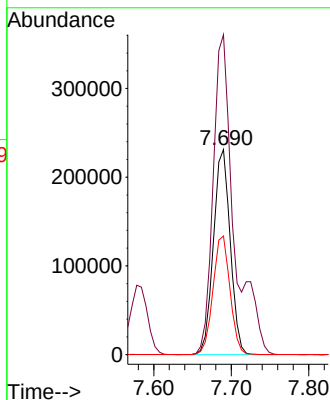
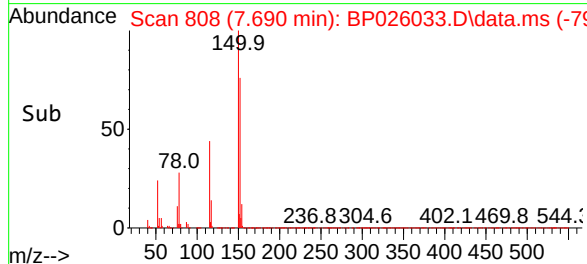
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 349214
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 57.8 46.4 69.6

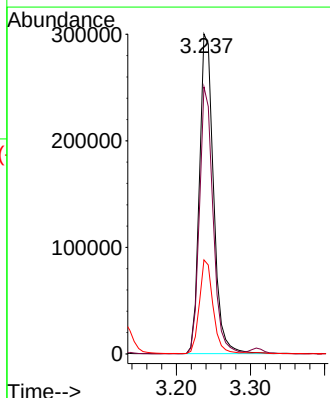
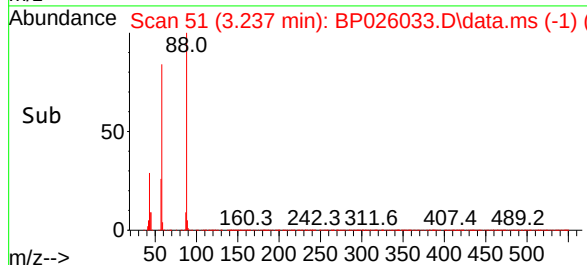
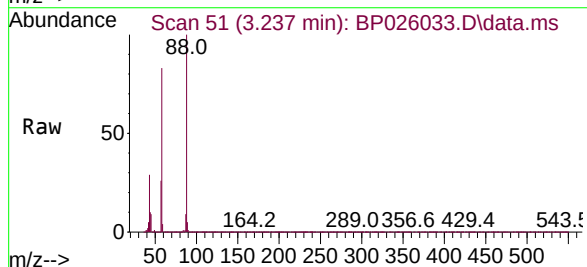
Manual Integrations
APPROVED

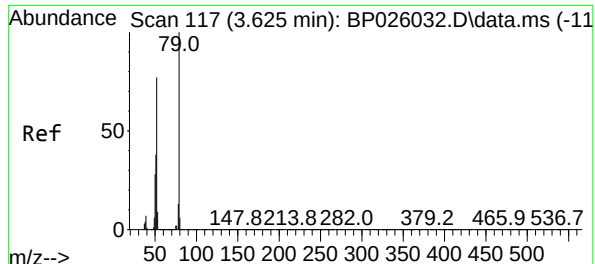
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 44.361 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

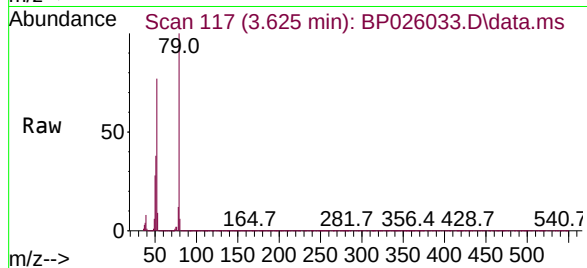
Tgt Ion: 88 Resp: 395783
Ion Ratio Lower Upper
88 100
58 80.9 65.4 98.0
43 29.0 23.1 34.7





#3
Pyridine
Concen: 44.894 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

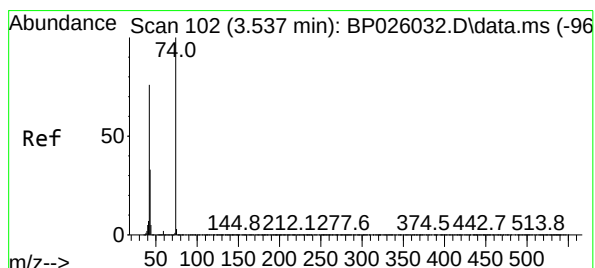
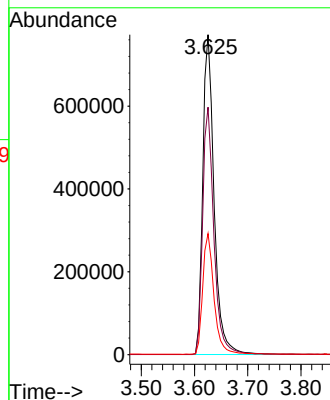
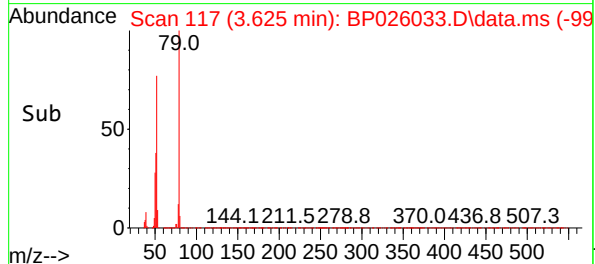
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 113861
Ion Ratio Lower Upper
79 100
52 77.3 62.0 93.0
51 37.8 30.6 46.0

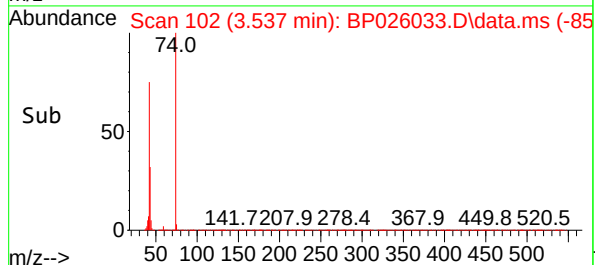
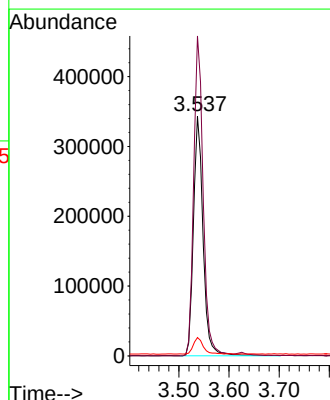
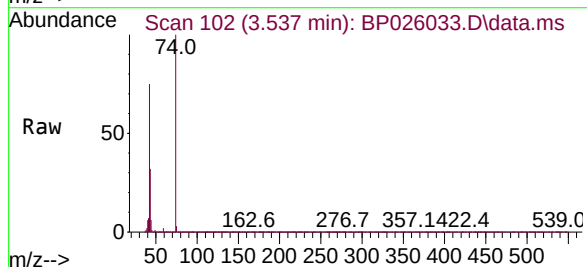
Manual Integrations
APPROVED

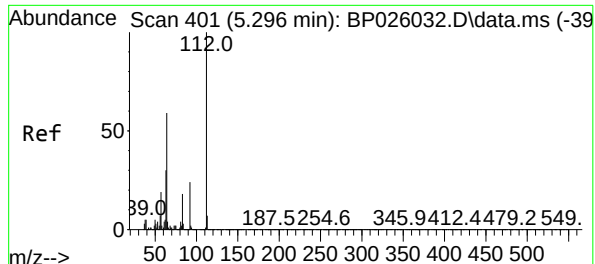
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 44.806 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

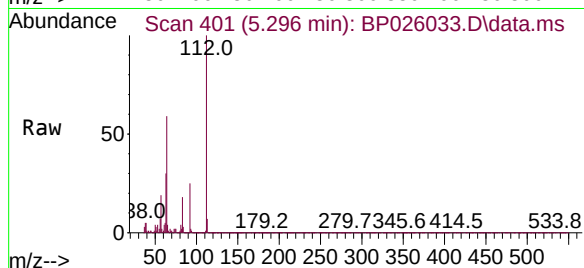
Tgt Ion: 42 Resp: 455456
Ion Ratio Lower Upper
42 100
74 133.5 105.7 158.5
44 7.7 6.6 9.8





#5
2-Fluorophenol
Concen: 92.678 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

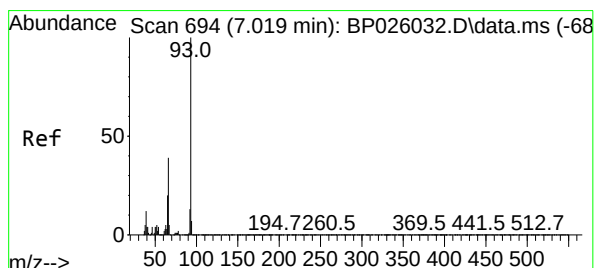
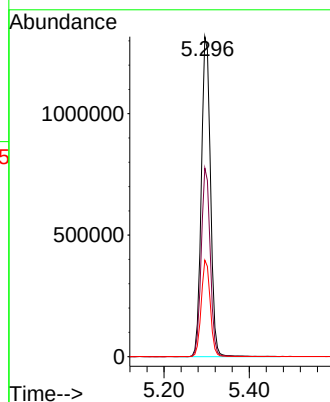
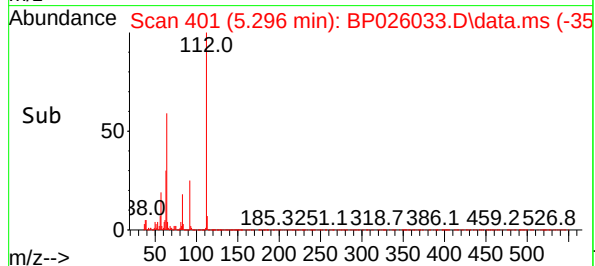
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BNA_P
ClientSampleId :
SSTDICC050



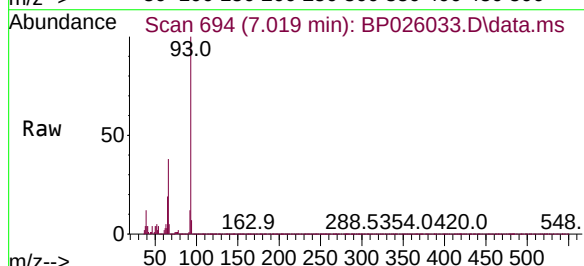
Tgt Ion: 112 Resp: 1961372
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.2
63 30.1 24.2 36.4

Manual Integrations
APPROVED

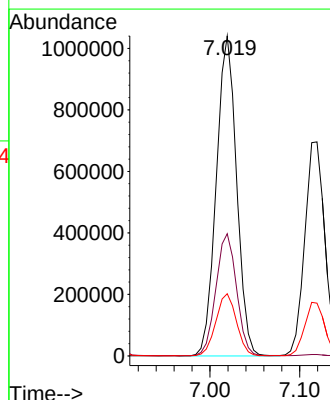
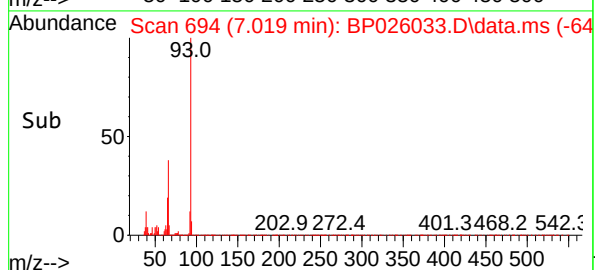
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

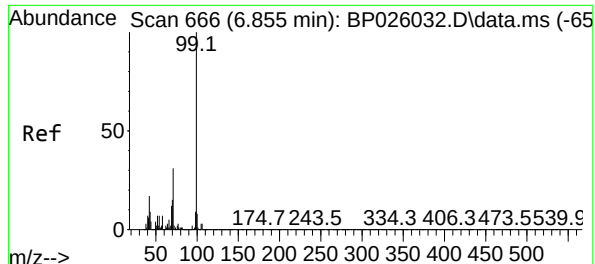


#6
Aniline
Concen: 45.768 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



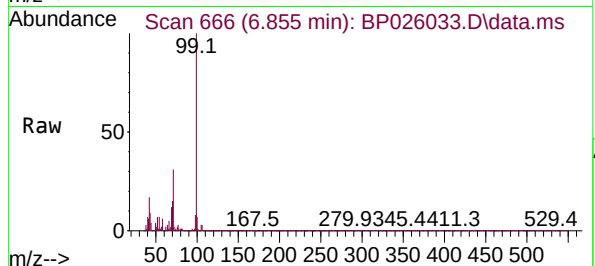
Tgt Ion: 93 Resp: 1645368
Ion Ratio Lower Upper
93 100
66 38.2 31.2 46.8
65 19.4 16.1 24.1





#7
Phenol-d6
Concen: 92.341 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

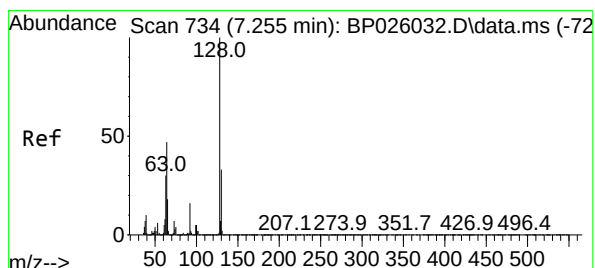
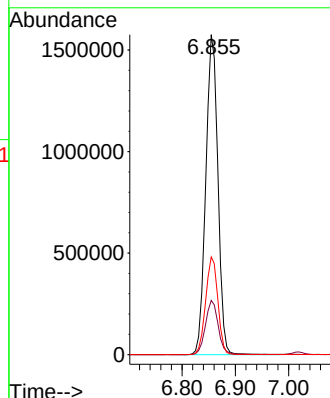
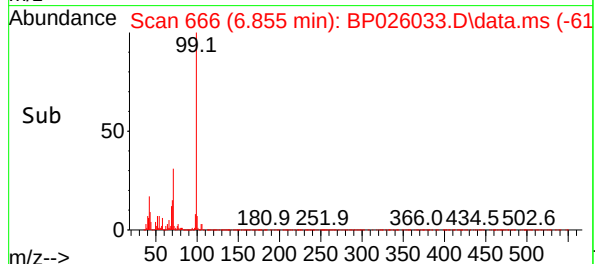
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BNA_P
ClientSampleId :
SSTDICC050



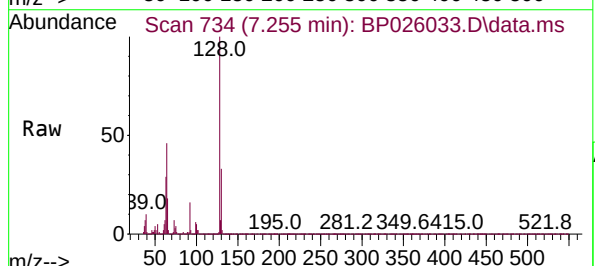
Tgt Ion: 99 Resp: 2487382
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 30.5 24.4 36.6

Manual Integrations
APPROVED

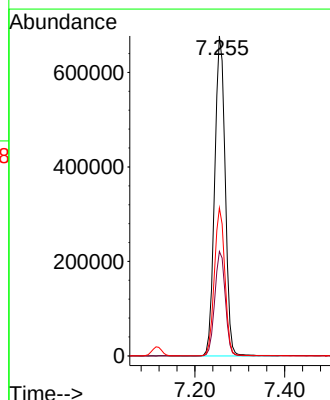
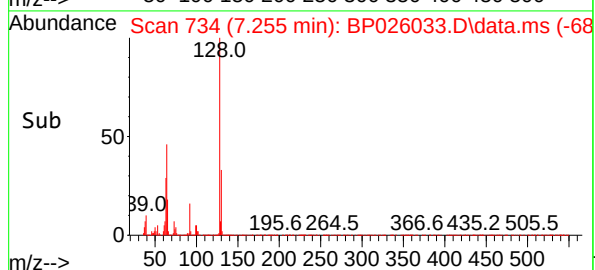
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

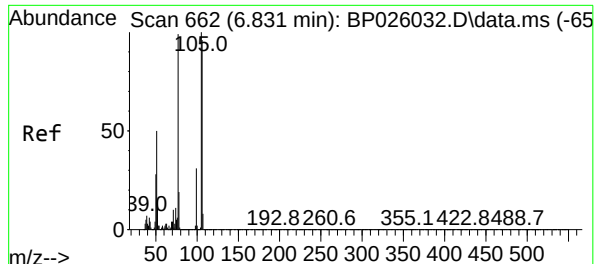


#8
2-Chlorophenol
Concen: 47.024 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:128 Resp: 1102018
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 46.2 27.4 67.4





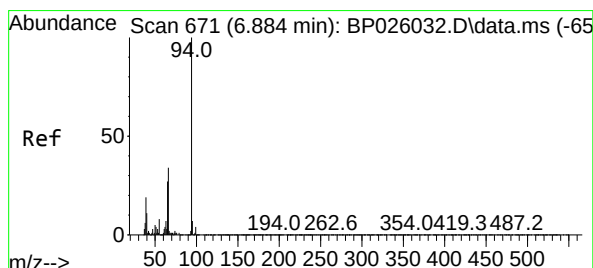
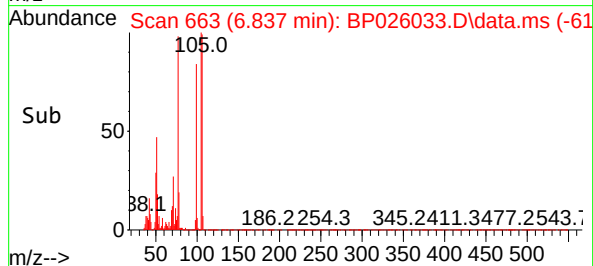
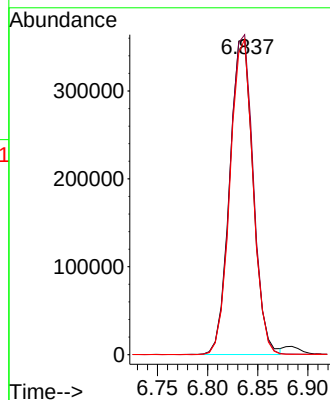
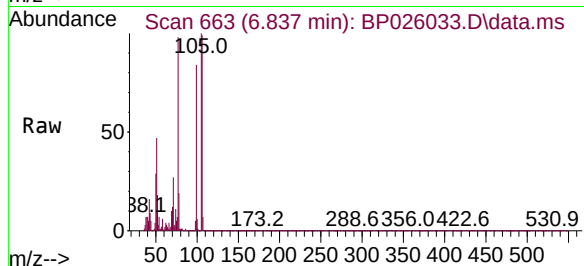
#9
Benzaldehyde
Concen: 41.768 ng
RT: 6.837 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 584865
Ion Ratio Lower Upper
77 100
105 101.6 80.7 120.7
106 100.0 76.5 116.5

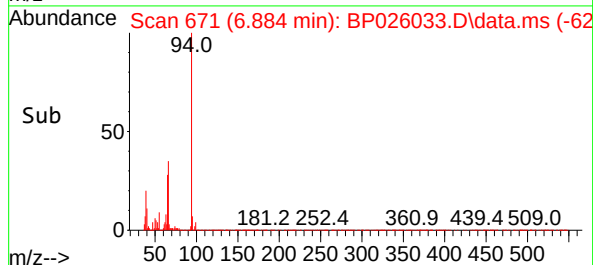
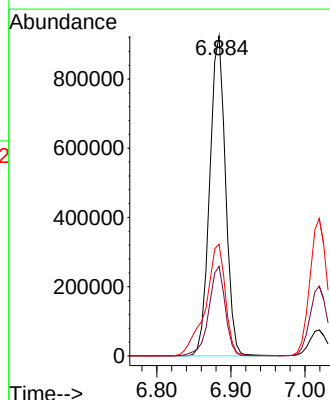
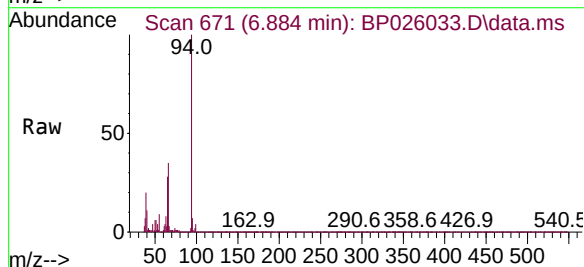
Manual Integrations
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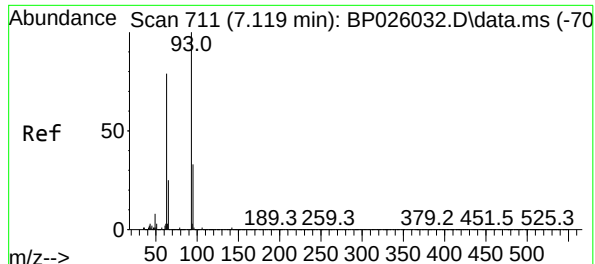
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 45.786 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 94 Resp: 1369223
Ion Ratio Lower Upper
94 100
65 28.0 7.1 47.1
66 34.9 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 45.441 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1072428

Ion Ratio Lower Upper

93 100

63 79.0 59.1 99.1

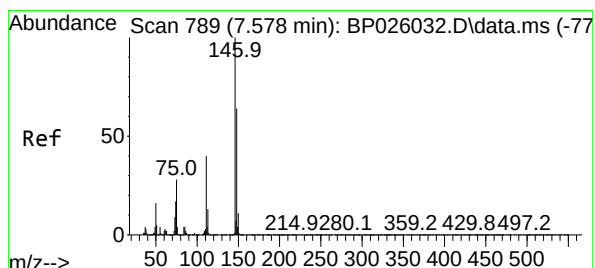
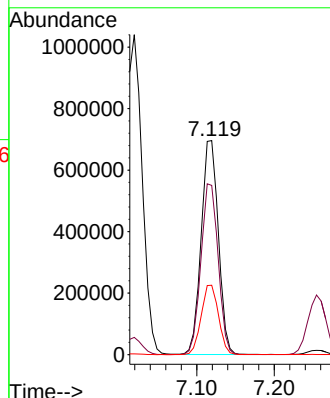
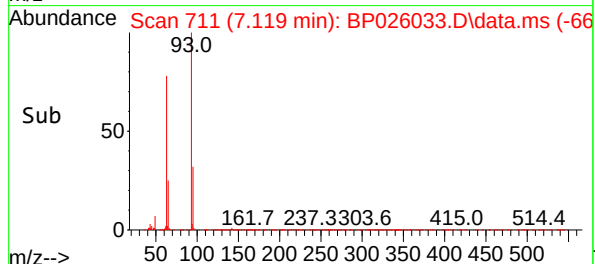
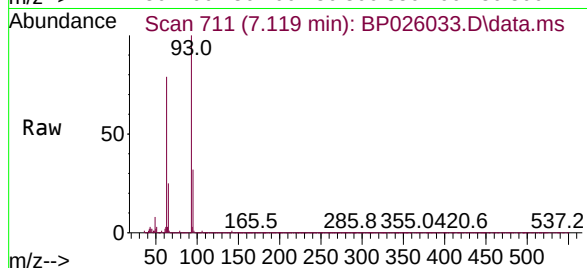
95 32.4 12.6 52.6

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 44.919 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

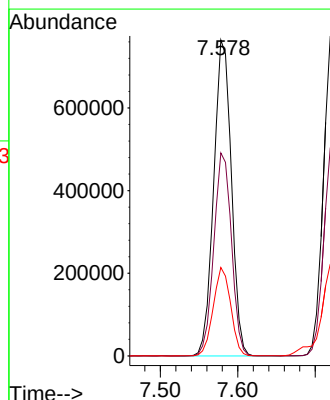
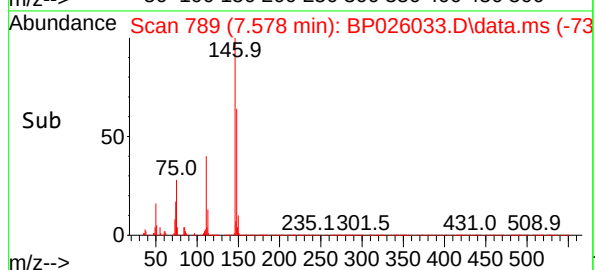
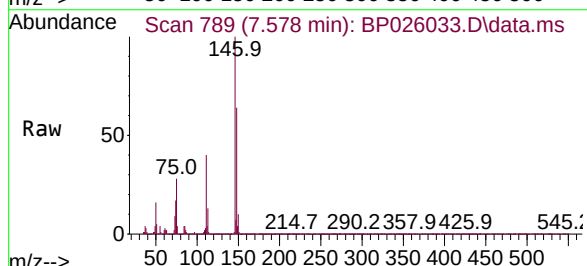
Tgt Ion:146 Resp: 1208921

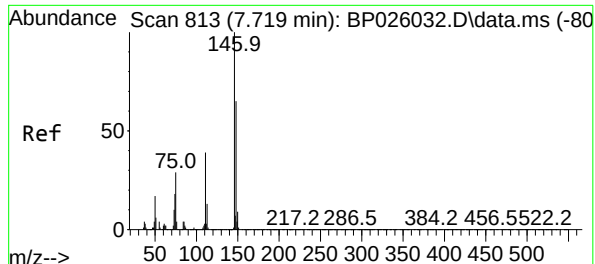
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 44.879 ng

RT: 7.719 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 122122

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

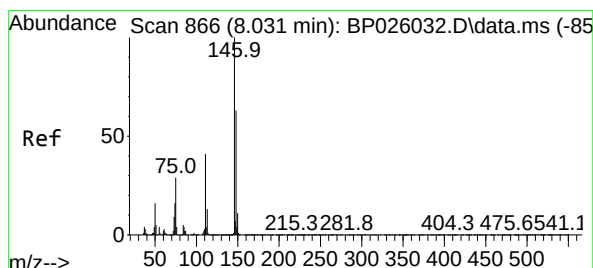
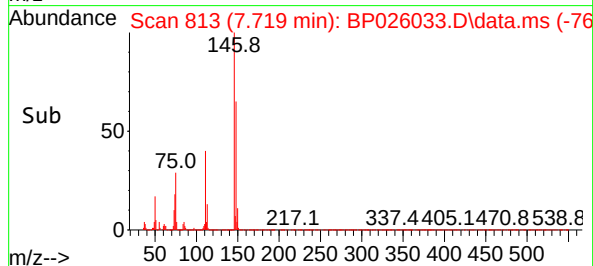
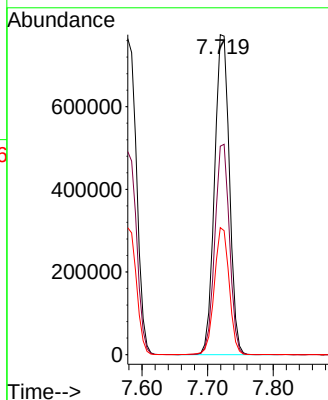
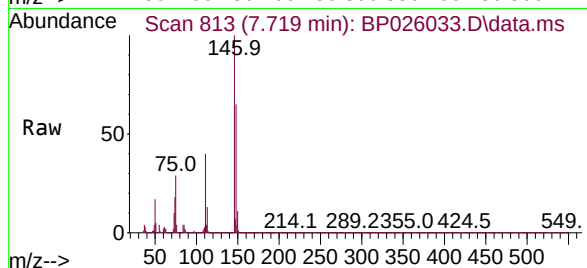
111 39.7 31.3 46.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 44.998 ng

RT: 8.037 min Scan# 867

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

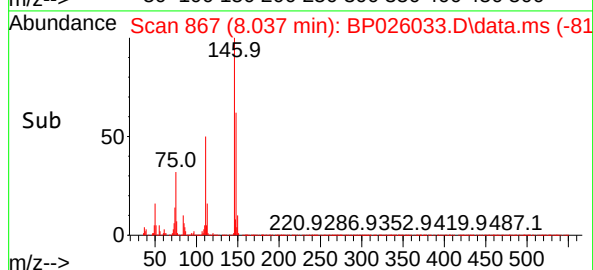
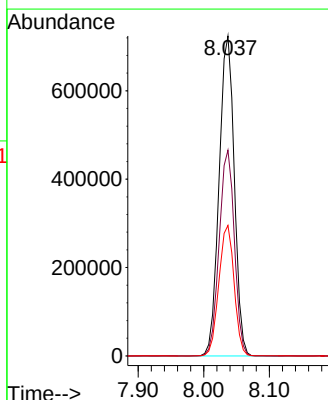
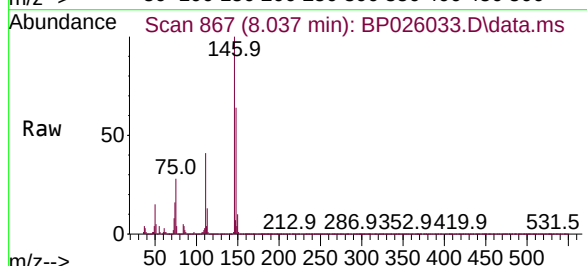
Tgt Ion:146 Resp: 1168413

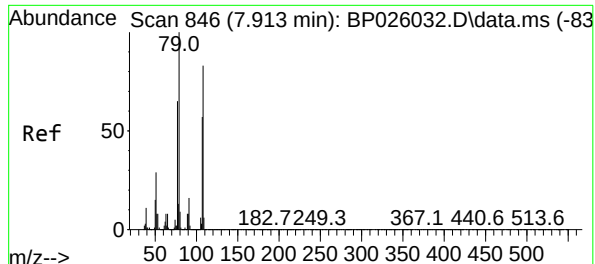
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 40.8 33.0 49.4





#15

Benzyl Alcohol

Concen: 45.860 ng

RT: 7.919 min Scan# 846

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 890562

Ion Ratio Lower Upper

79 100

108 82.4 66.0 99.0

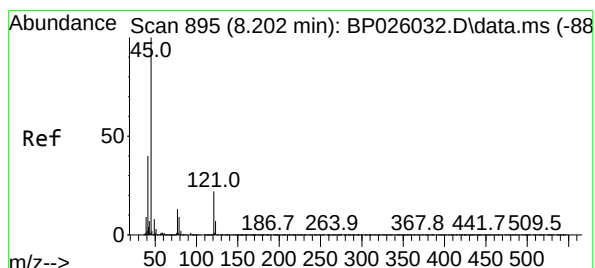
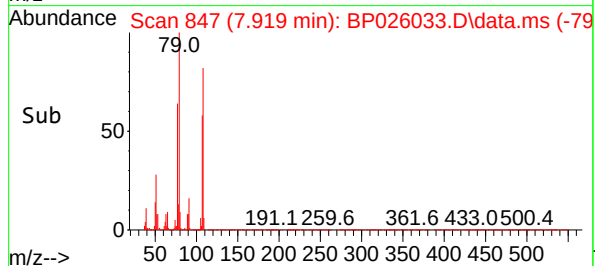
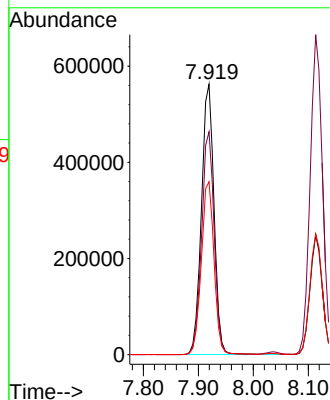
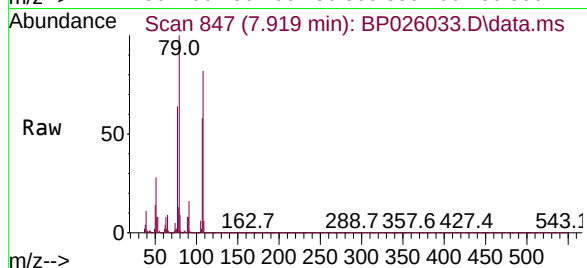
77 63.9 52.3 78.5

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.181 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

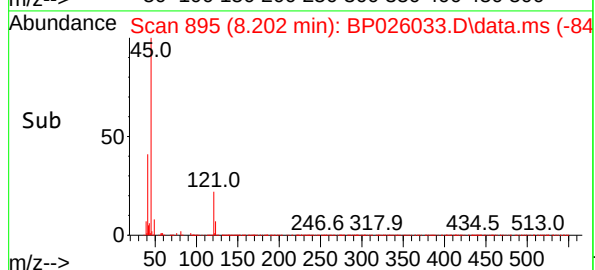
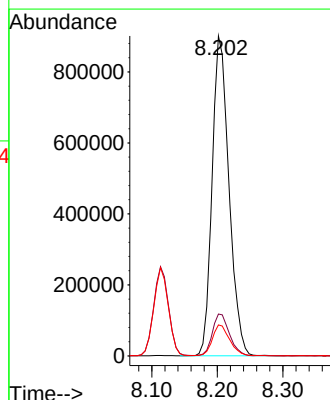
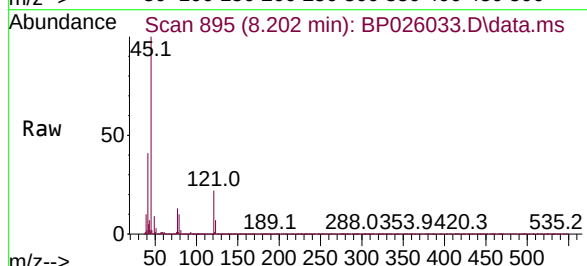
Tgt Ion: 45 Resp: 1611516

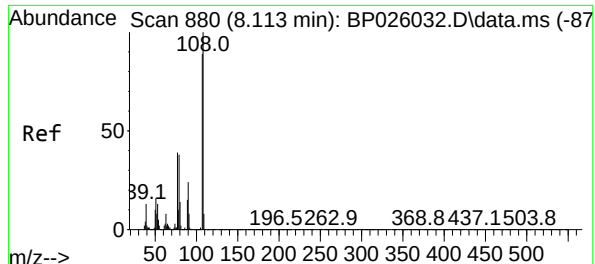
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

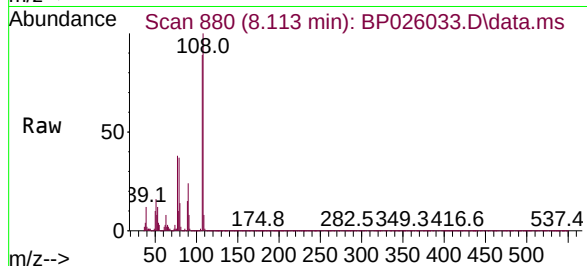
79 9.7 0.0 29.5





#17
2-Methylphenol
Concen: 47.134 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

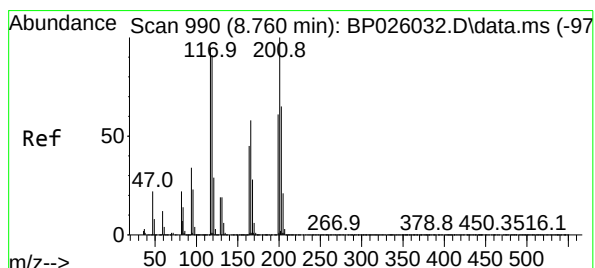
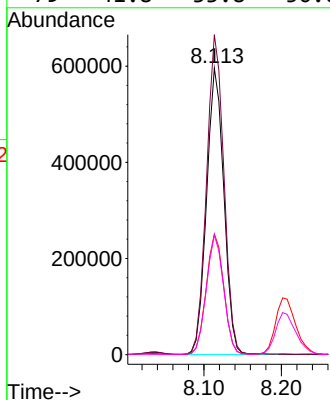
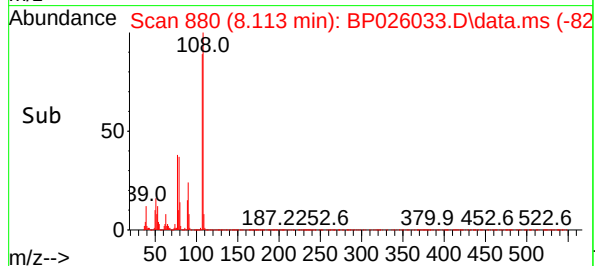
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



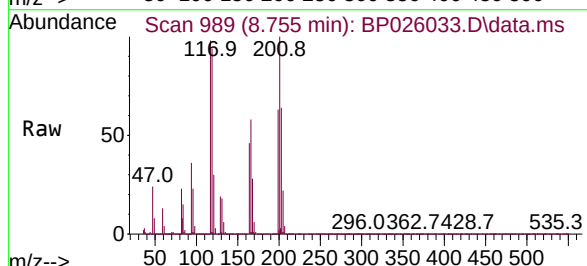
Tgt Ion:107 Resp: 922978
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.8
77 42.2 34.8 52.2
79 41.8 33.8 50.6

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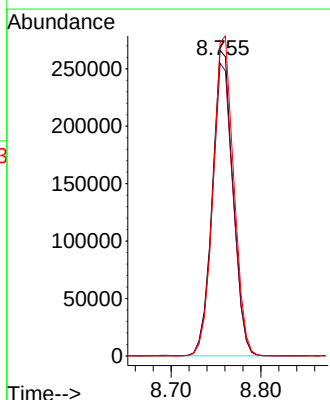
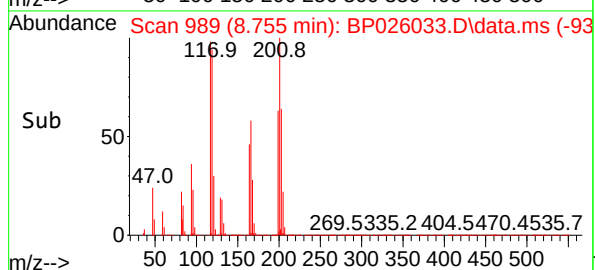
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

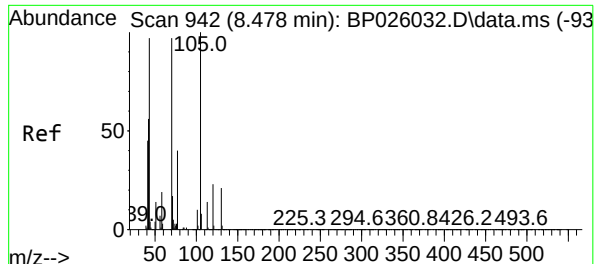


#18
Hexachloroethane
Concen: 45.939 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:117 Resp: 427757
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 102.5 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.211 ng

RT: 8.484 min Scan# 942

Delta R.T. -0.006 min

Lab File: BP026033.D

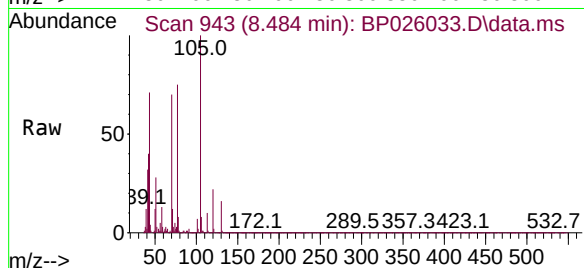
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 789416

Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 10.2 8.2 12.2

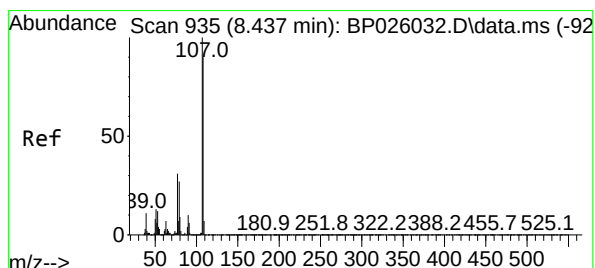
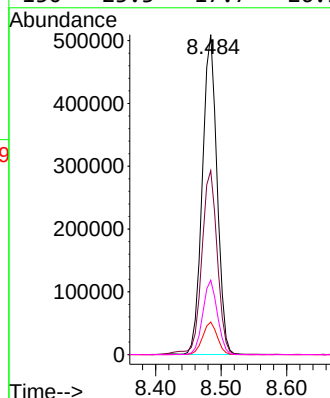
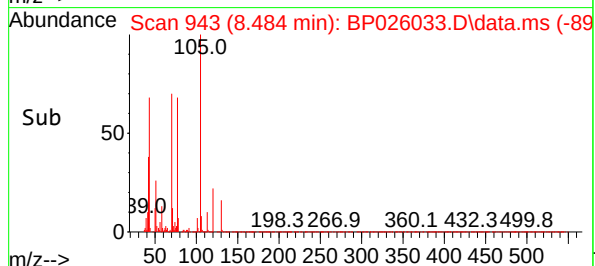
130 23.3 17.7 26.5

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Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

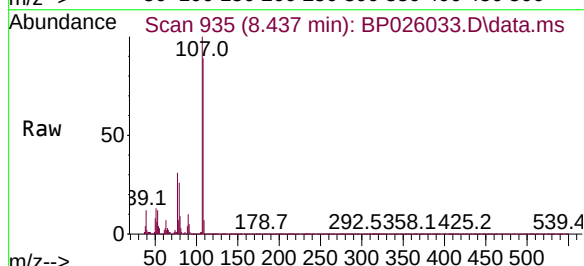
Concen: 45.814 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51



Tgt Ion:107 Resp: 1248064

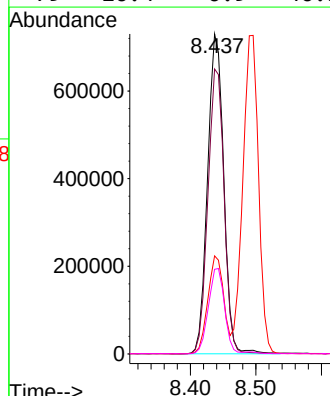
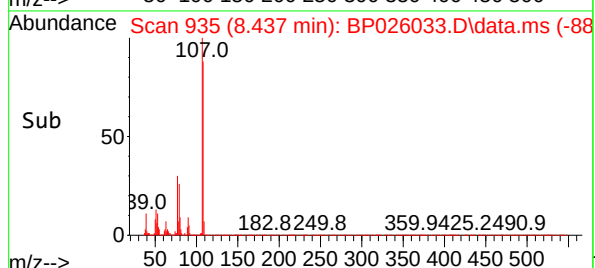
Ion Ratio Lower Upper

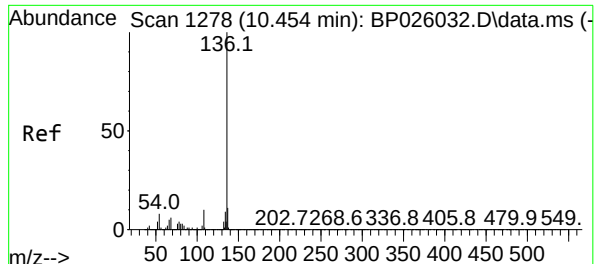
107 100

108 89.0 70.1 110.1

77 30.6 10.7 50.7

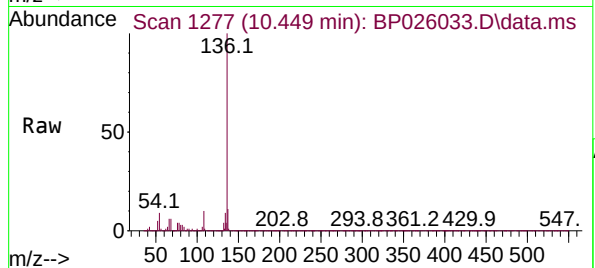
79 26.4 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

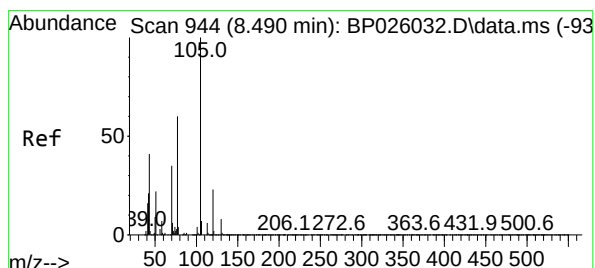
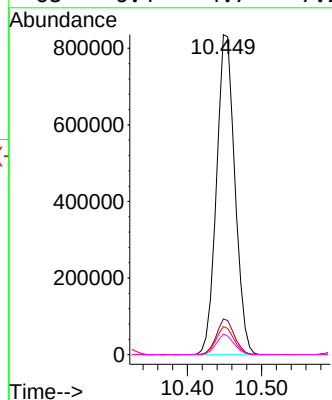
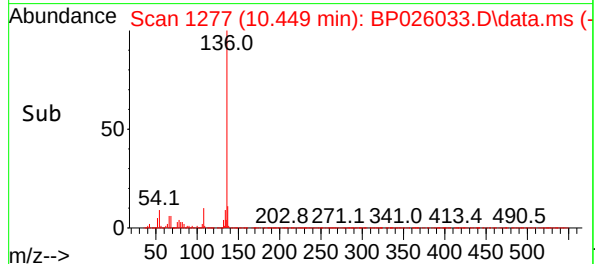
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



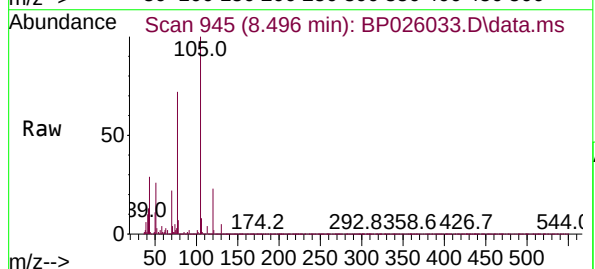
Tgt Ion:136 Resp: 1438966
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 6.6 10.0
68 6.4 4.7 7.1

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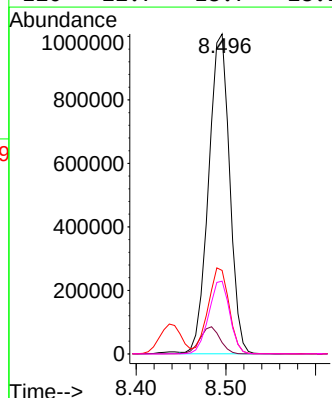
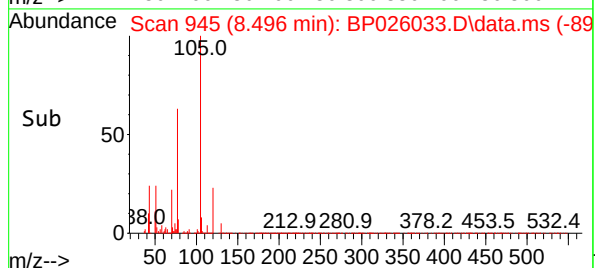
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

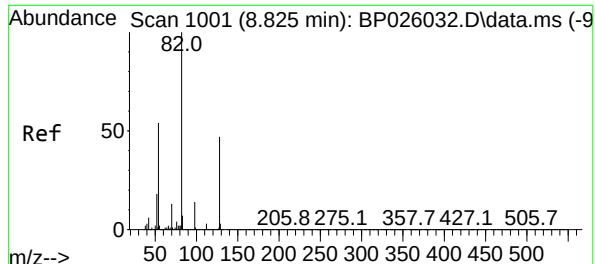


#22
Acetophenone
Concen: 45.025 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:105 Resp: 1638579
Ion Ratio Lower Upper
105 100
71 3.5 4.7 7.1#
51 26.1 21.8 32.8
120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 95.388 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 220179

Ion Ratio Lower Upper

82 100

128 46.6 37.4 56.0

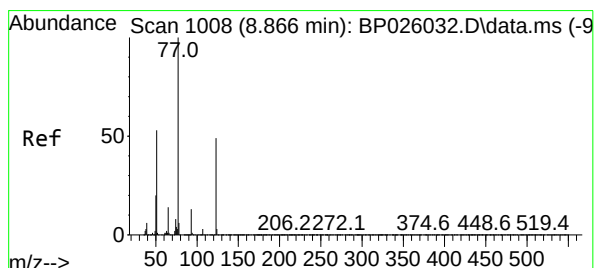
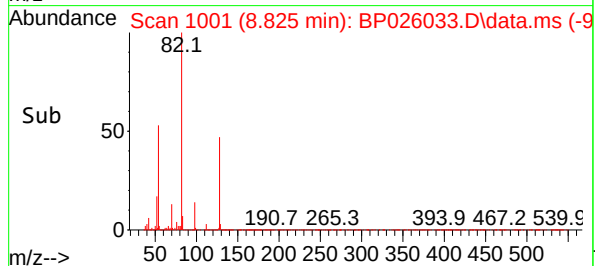
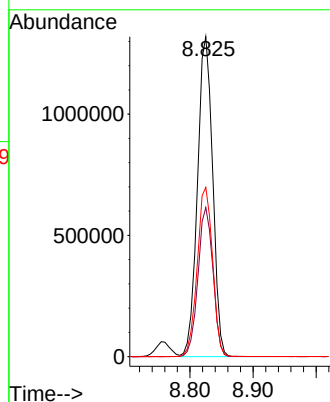
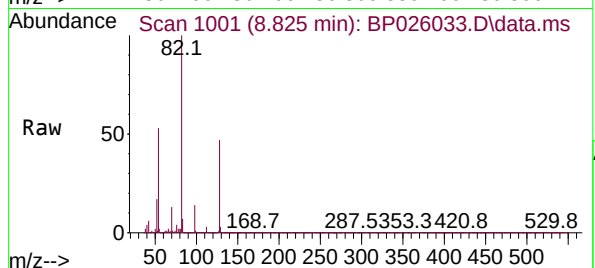
54 52.9 42.7 64.1

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 46.762 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

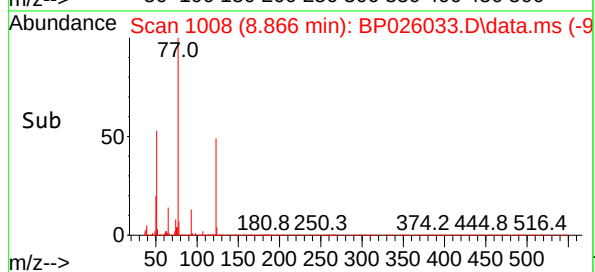
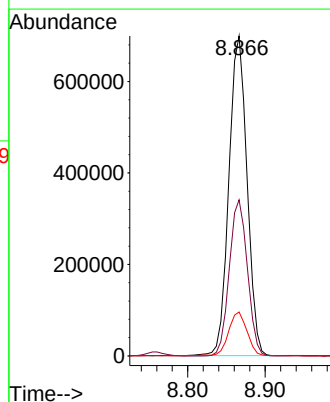
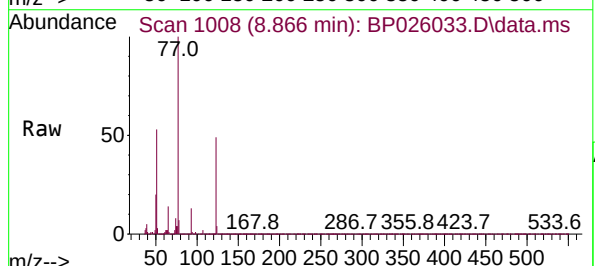
Tgt Ion: 77 Resp: 1139668

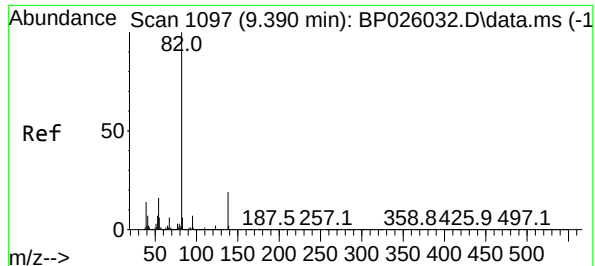
Ion Ratio Lower Upper

77 100

123 48.8 39.0 58.4

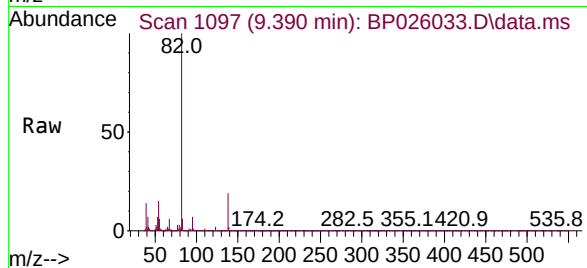
65 13.7 10.9 16.3





#25
Isophorone
Concen: 46.029 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

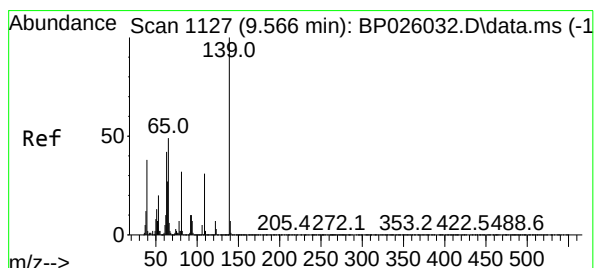
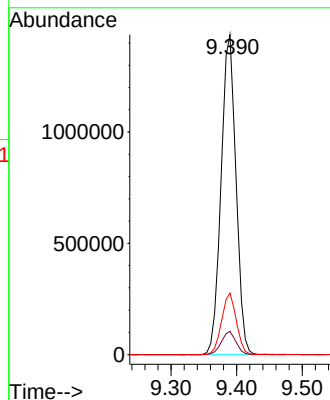
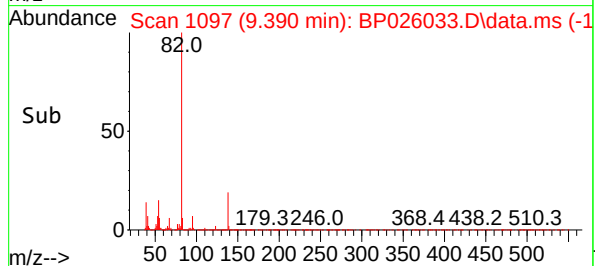
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 2274125
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.2 15.0 22.6

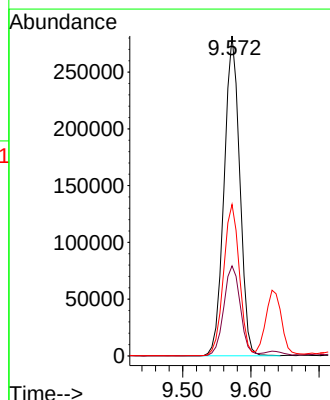
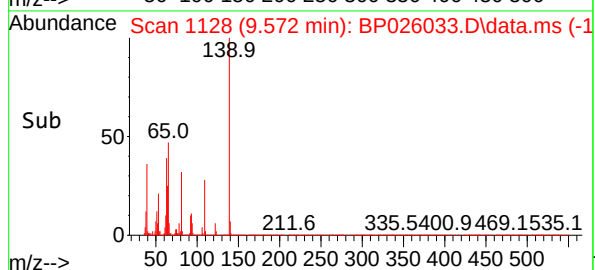
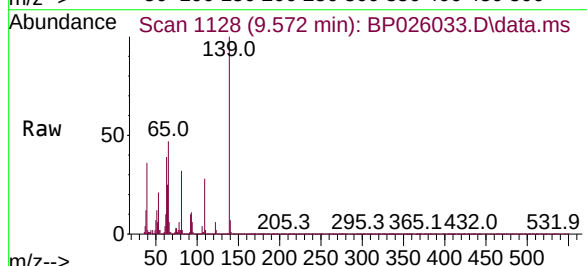
Manual Integrations
APPROVED

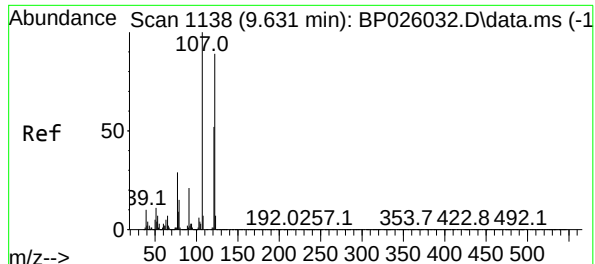
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 49.734 ng
RT: 9.572 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:139 Resp: 447065
Ion Ratio Lower Upper
139 100
109 28.1 24.8 37.2
65 47.3 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 46.532 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

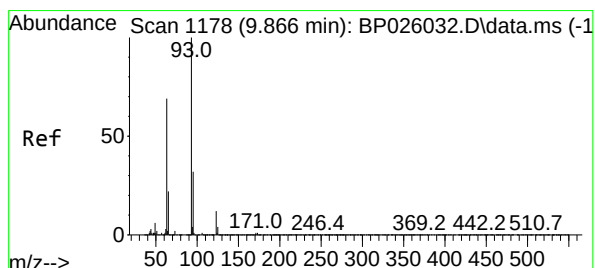
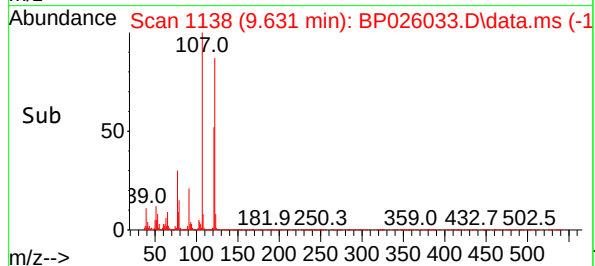
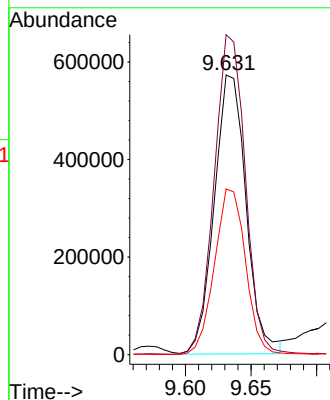
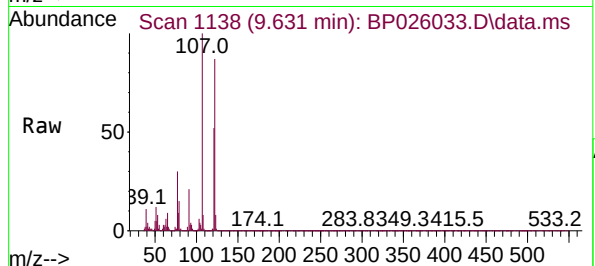
Tgt Ion:	122	Resp:	966770
Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.2	133.8
121	59.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.719 ng

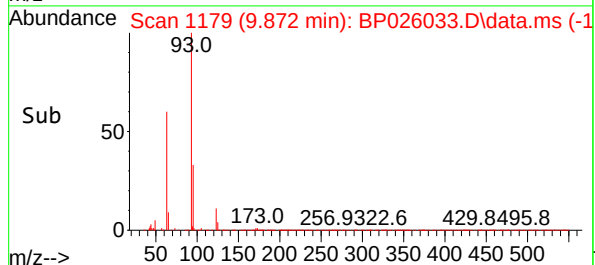
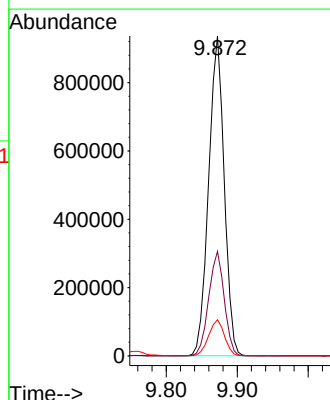
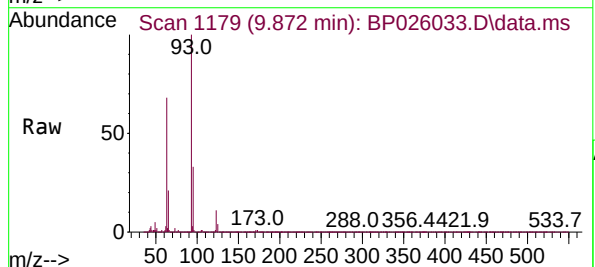
RT: 9.872 min Scan# 1179

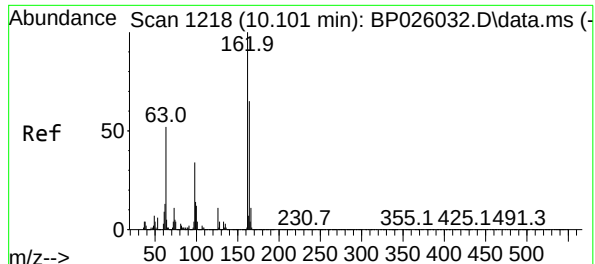
Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Tgt Ion:	93	Resp:	1423542
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	11.3	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 47.877 ng
RT: 10.096 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

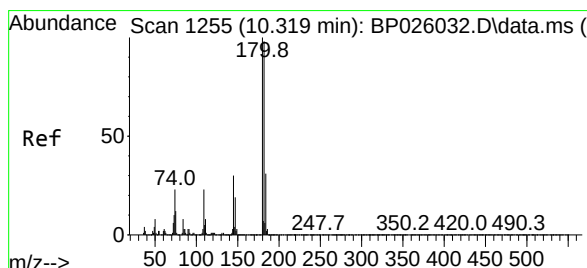
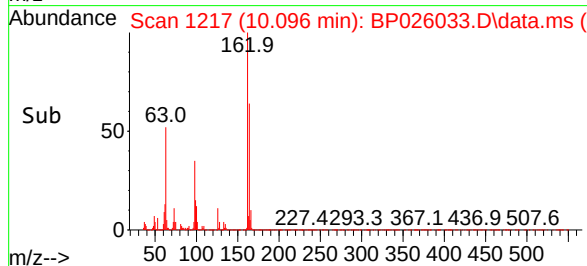
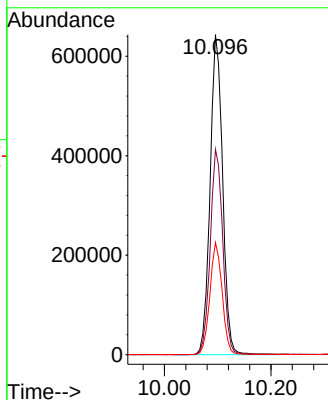
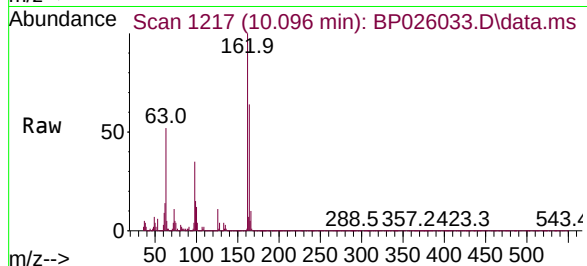
ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 105027
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 35.0 14.0 54.0

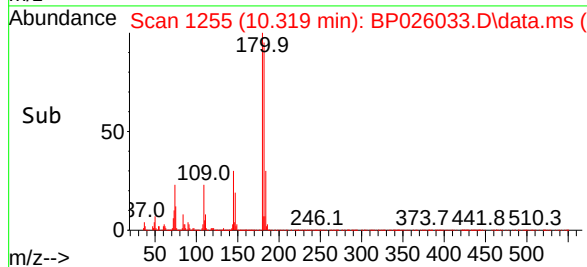
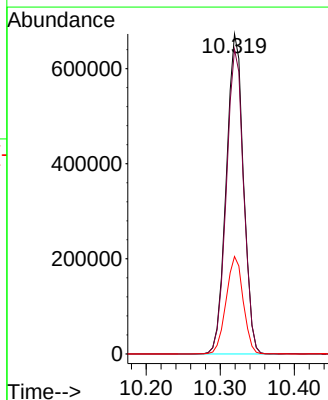
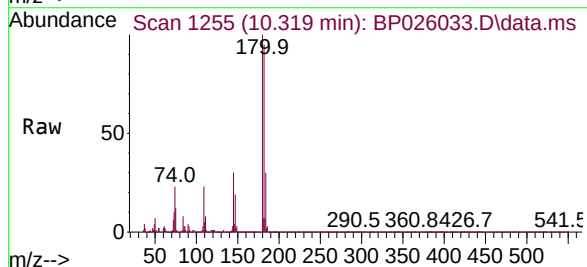
Manual Integrations
APPROVED

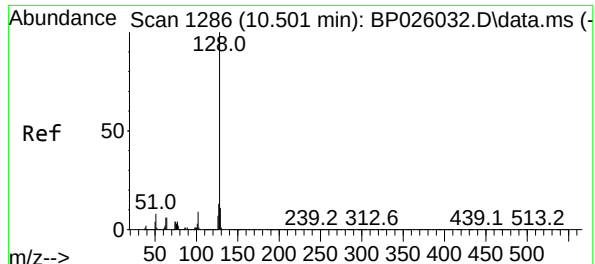
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.408 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

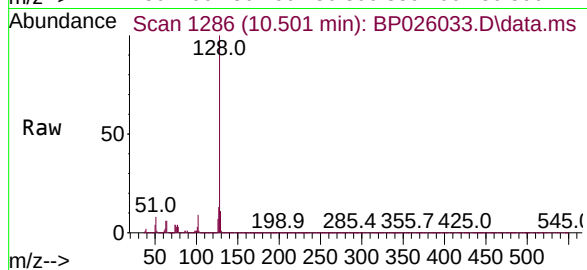
Tgt Ion:180 Resp: 1082702
Ion Ratio Lower Upper
180 100
182 95.2 78.6 117.8
145 30.4 24.2 36.4





#31
Naphthalene
Concen: 44.821 ng
RT: 10.501 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

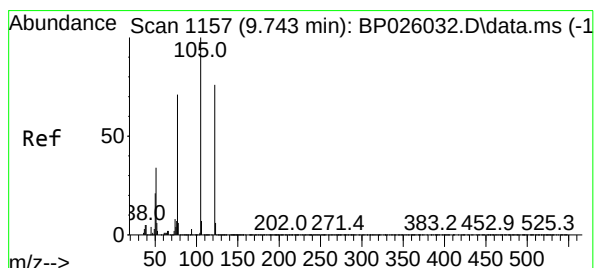
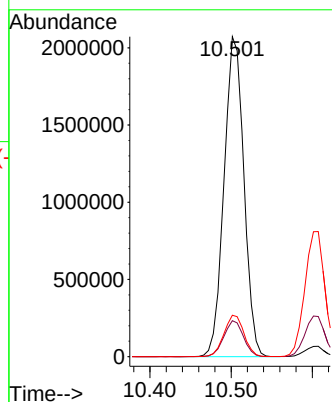
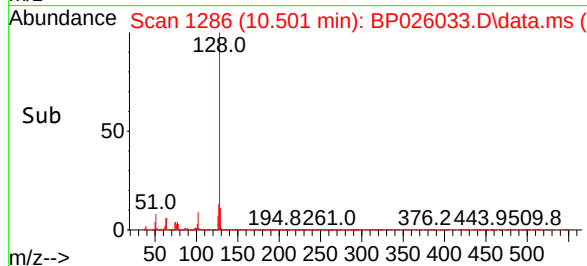
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 3517083
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.5 15.7

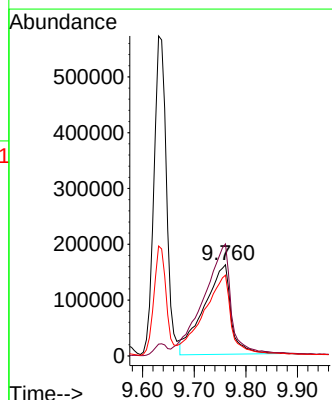
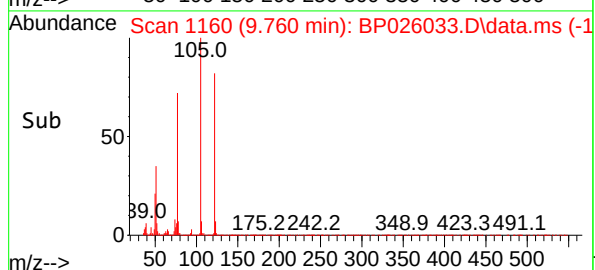
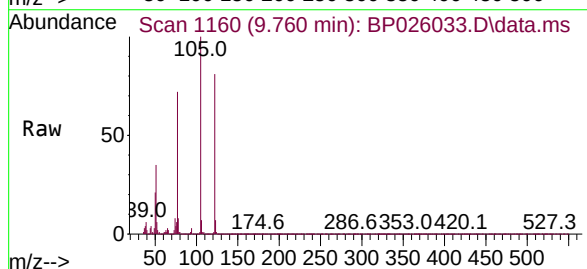
Manual Integrations
APPROVED

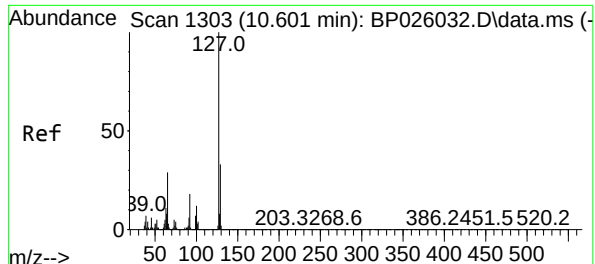
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 46.816 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

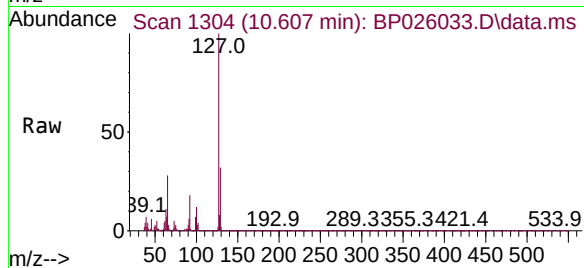
Tgt Ion:122 Resp: 583423
Ion Ratio Lower Upper
122 100
105 122.7 104.8 144.8
77 88.6 70.9 110.9





#33
4-Chloroaniline
Concen: 45.768 ng
RT: 10.607 min Scan# 1304
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

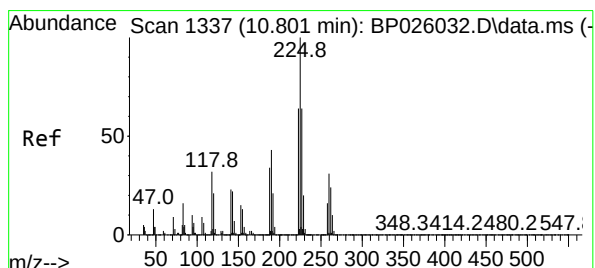
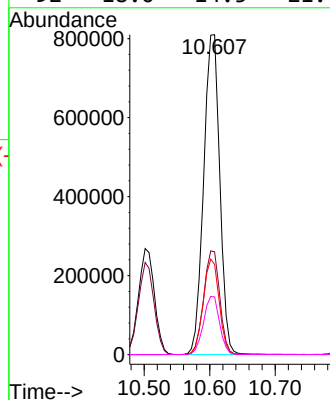
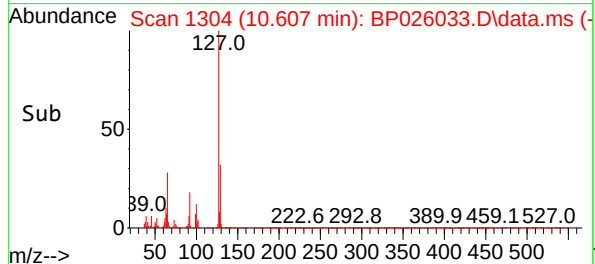
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 1380084
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 28.2 23.2 34.8
92 18.0 14.5 21.7

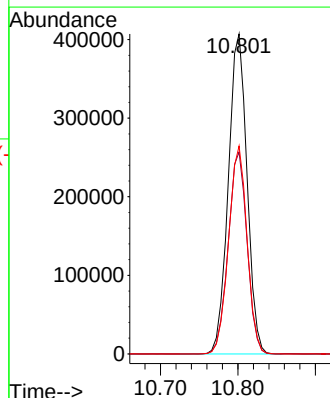
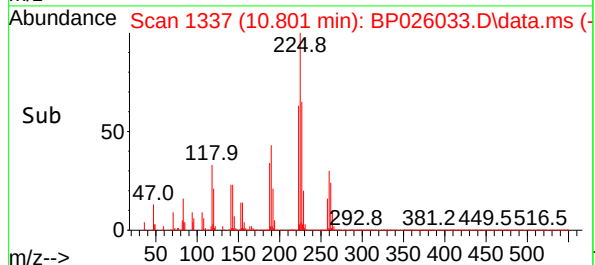
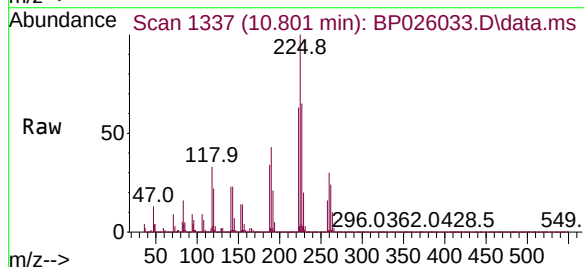
Manual Integrations
APPROVED

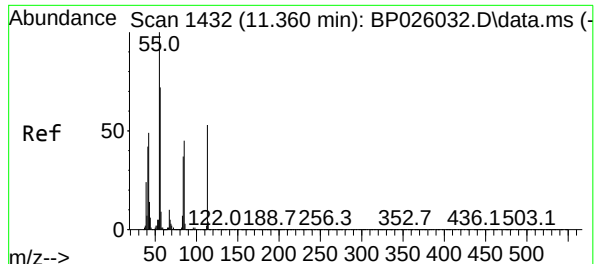
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#34
Hexachlorobutadiene
Concen: 45.101 ng
RT: 10.801 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

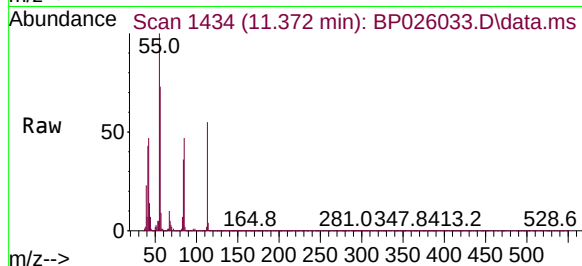
Tgt Ion:225 Resp: 683383
Ion Ratio Lower Upper
225 100
223 63.1 50.9 76.3
227 65.0 51.0 76.4





#35
Caprolactam
Concen: 46.253 ng
RT: 11.372 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

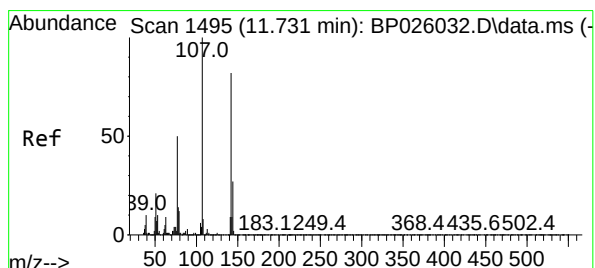
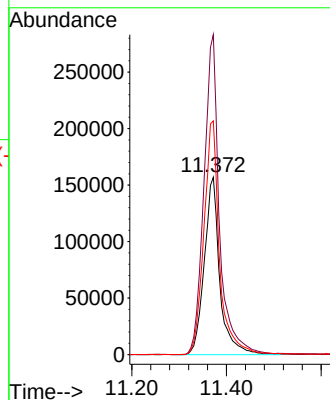
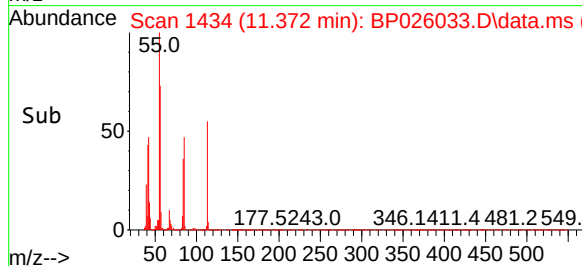
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



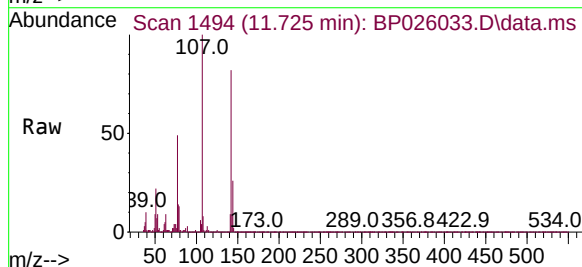
Tgt Ion:113 Resp: 356316
Ion Ratio Lower Upper
113 100
55 180.4 169.9 209.9
56 131.8 116.7 156.7

Manual Integrations
APPROVED

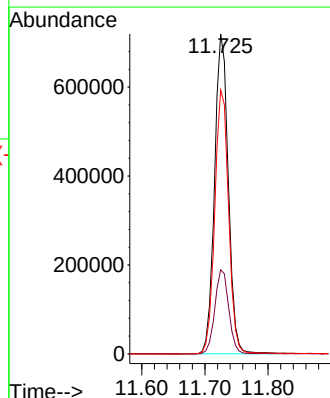
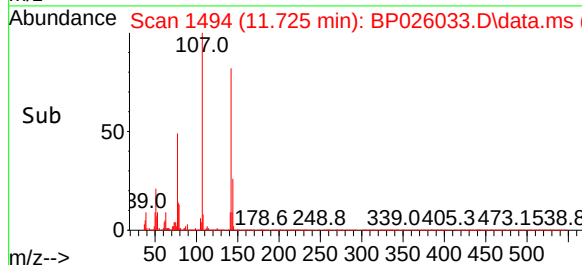
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

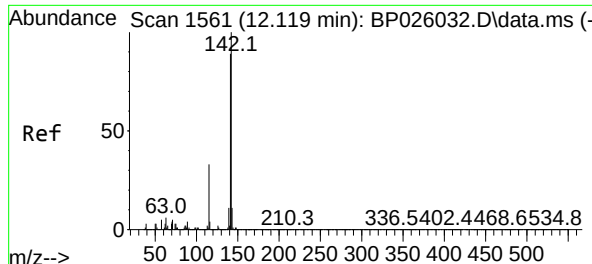


#36
4-Chloro-3-methylphenol
Concen: 47.466 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:107 Resp: 1091555
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 82.5 65.2 97.8





#37

2-Methylnaphthalene

Concen: 45.460 ng

RT: 12.113 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 2496690

Ion Ratio Lower Upper

142 100

141 88.5 71.6 107.4

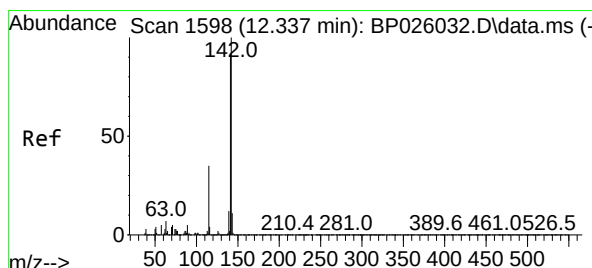
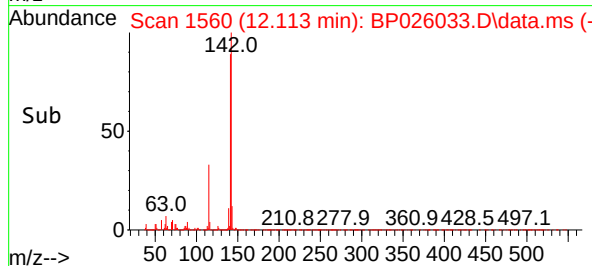
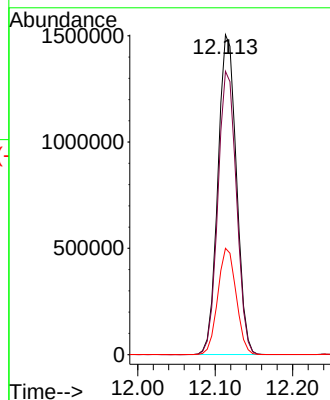
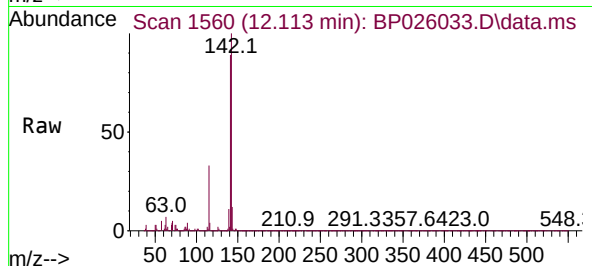
115 33.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#38

1-Methylnaphthalene

Concen: 44.696 ng

RT: 12.343 min Scan# 1599

Delta R.T. 0.007 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

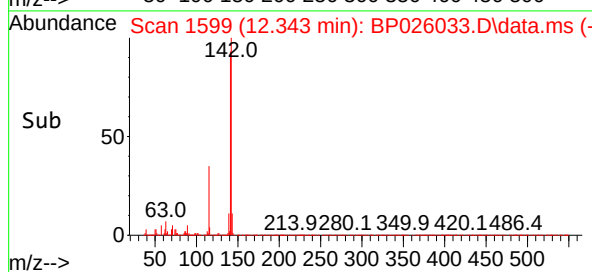
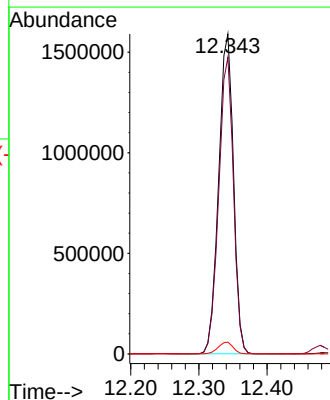
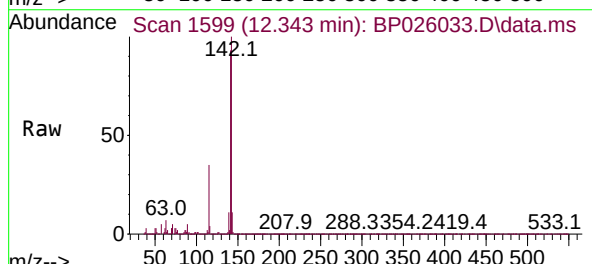
Tgt Ion:142 Resp: 2384802

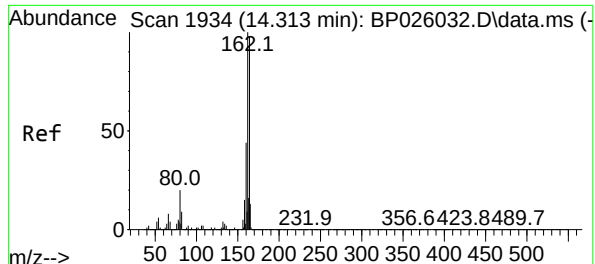
Ion Ratio Lower Upper

142 100

141 92.7 72.7 109.1

116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.325 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

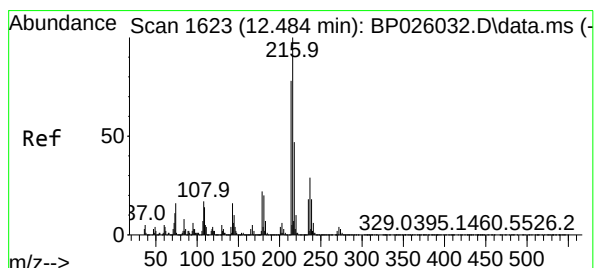
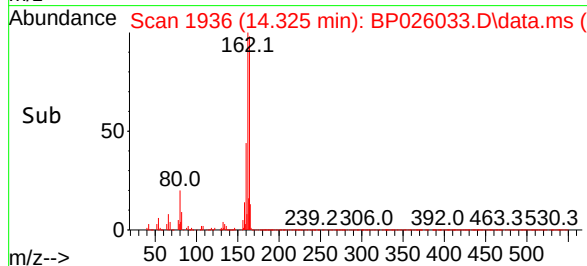
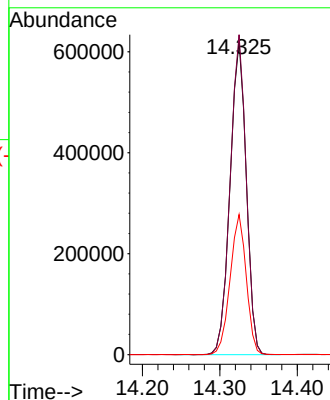
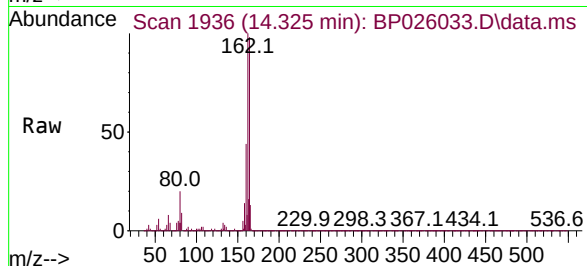
SSTDICC050

Tgt Ion:164	Resp: 904273
Ion Ratio	Lower Upper
164	100
162	102.4 81.5 122.3
160	44.8 36.2 54.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.422 ng

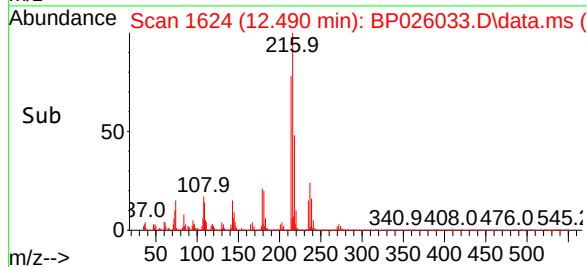
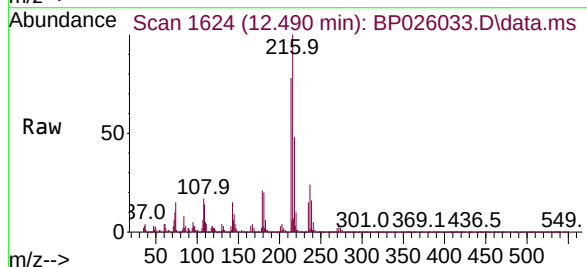
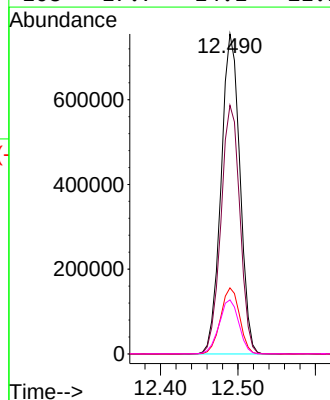
RT: 12.490 min Scan# 1624

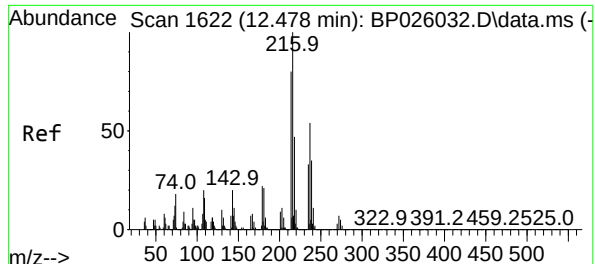
Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

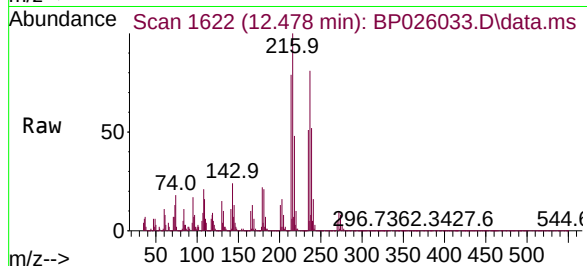
Tgt Ion:216	Resp: 1276225
Ion Ratio	Lower Upper
216	100
214	78.1 62.9 94.3
179	20.8 16.9 25.3
108	17.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 47.892 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

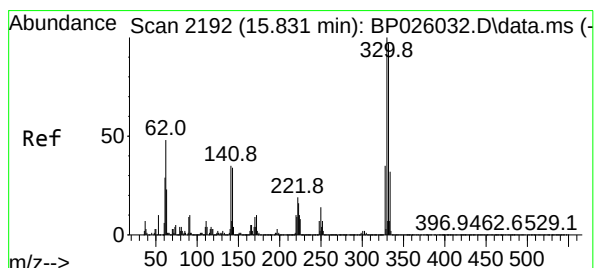
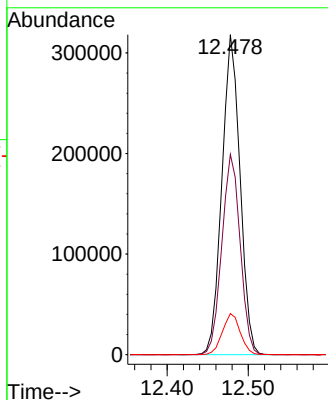
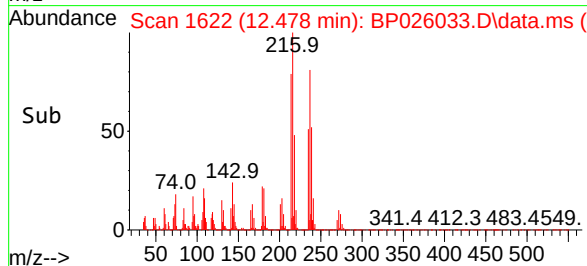
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



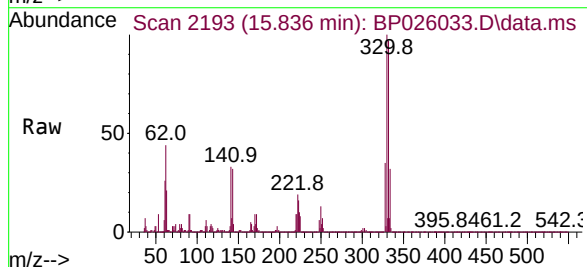
Tgt Ion: 237 Resp: 492338
Ion Ratio Lower Upper
237 100
235 62.6 40.4 80.4
272 12.8 0.0 32.2

Manual Integrations
APPROVED

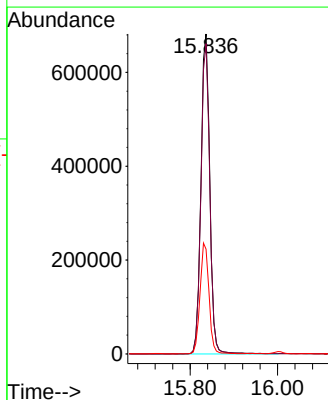
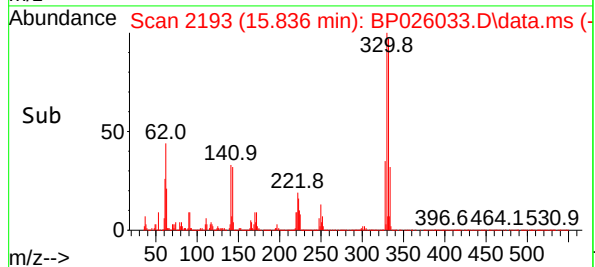
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

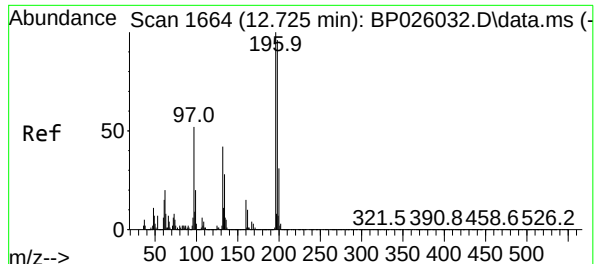


#42
2,4,6-Tribromophenol
Concen: 96.828 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion: 330 Resp: 946601
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.2 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 49.033 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 814315

Ion Ratio Lower Upper

196 100

198 95.8 76.5 114.7

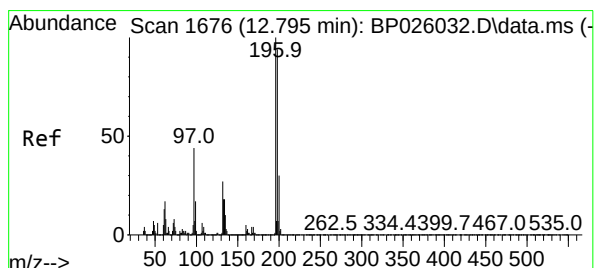
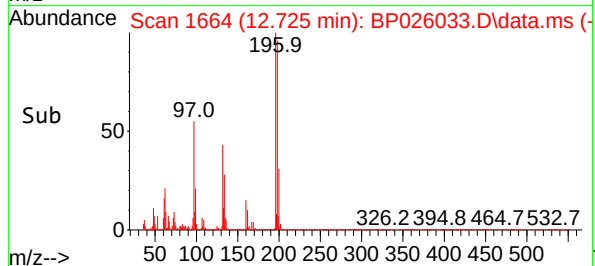
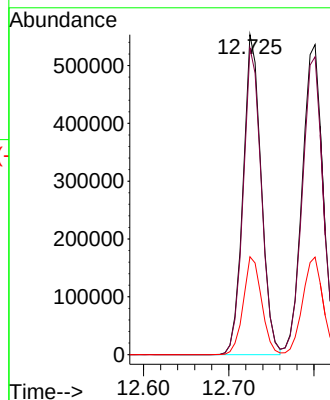
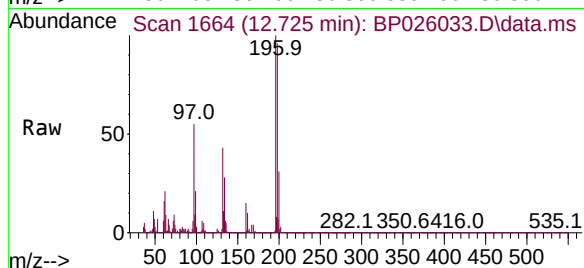
200 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 48.327 ng

RT: 12.801 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Tgt Ion:196 Resp: 915816

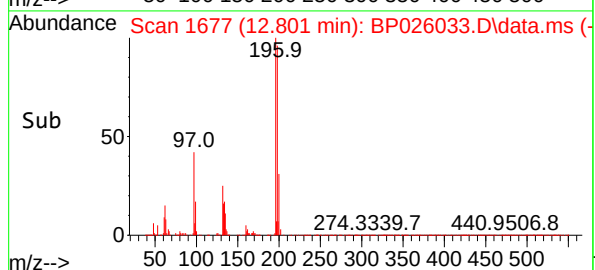
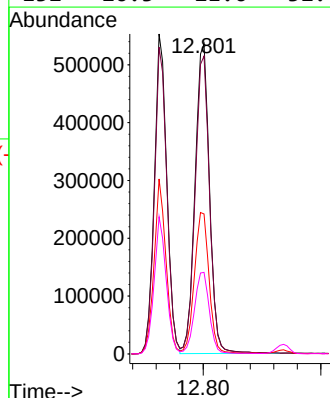
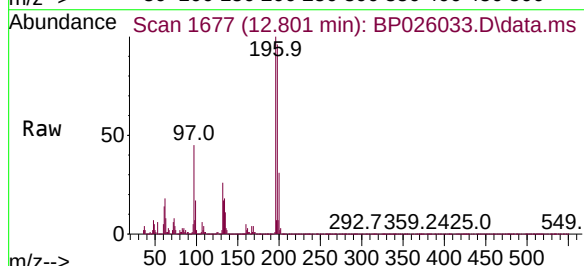
Ion Ratio Lower Upper

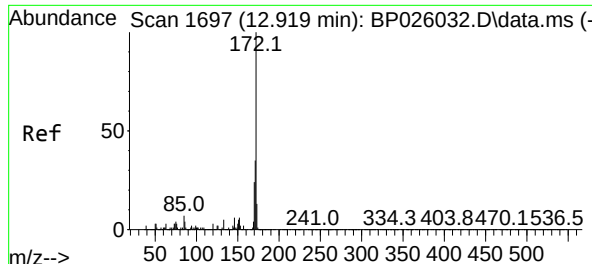
196 100

198 96.1 75.1 112.7

97 45.2 35.5 53.3

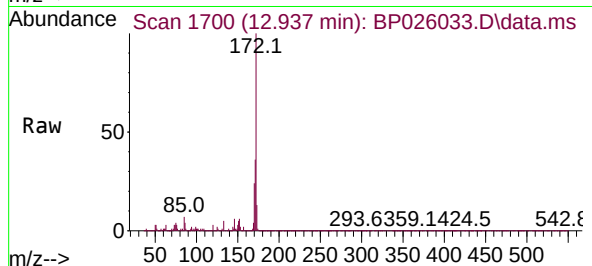
132 26.3 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 88.427 ng
RT: 12.937 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

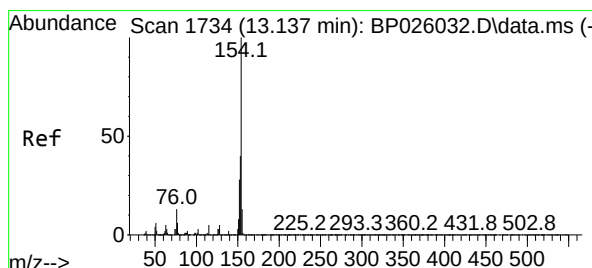
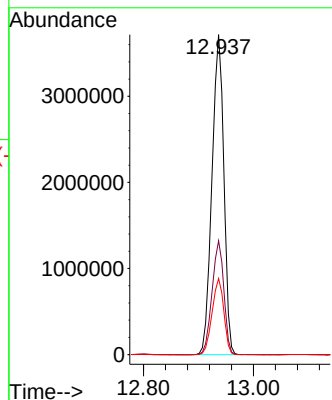
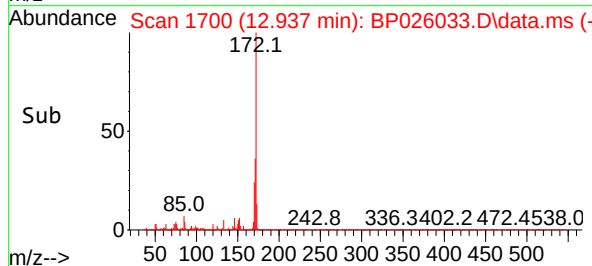
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



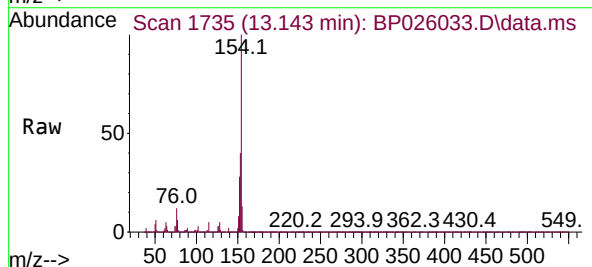
Tgt Ion:172 Resp: 5564834
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.8 19.0 28.4

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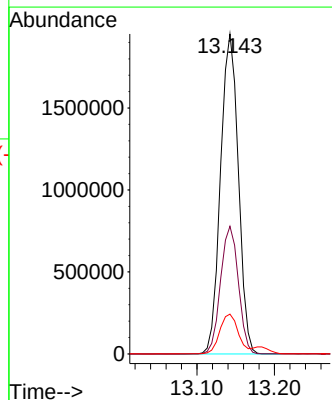
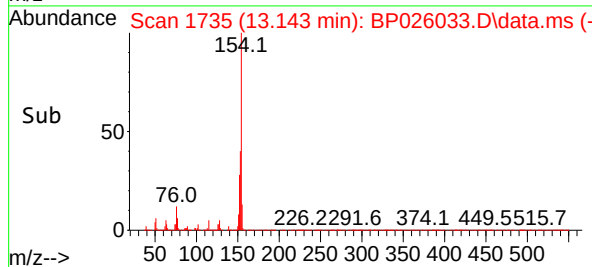
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

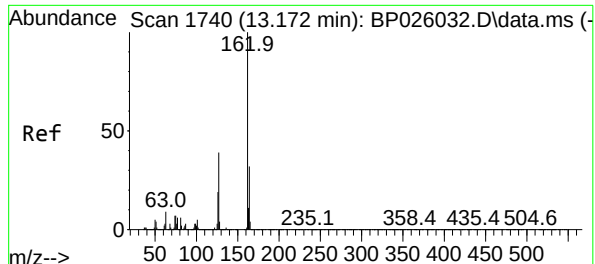


#46
1,1'-Biphenyl
Concen: 44.979 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:154 Resp: 3114348
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 12.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 45.251 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

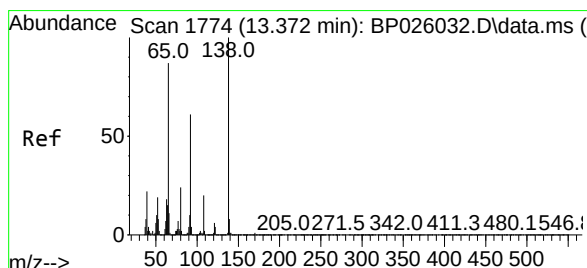
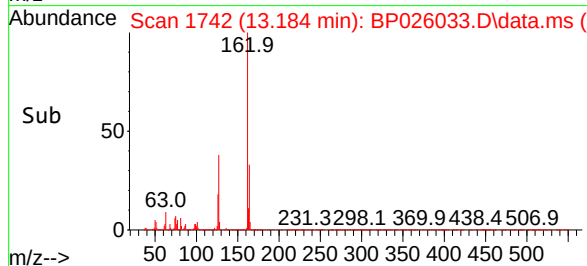
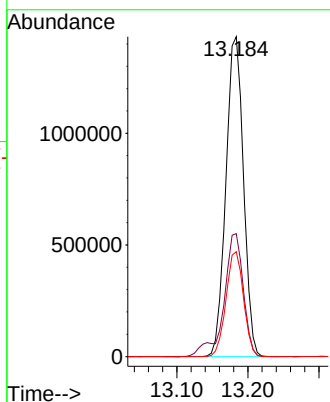
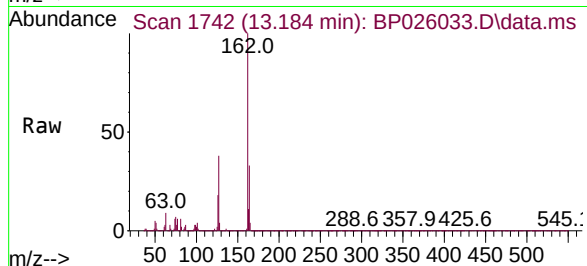
SSTDICC050

Tgt Ion:162 Resp: 2465203
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 32.8 25.9 38.9

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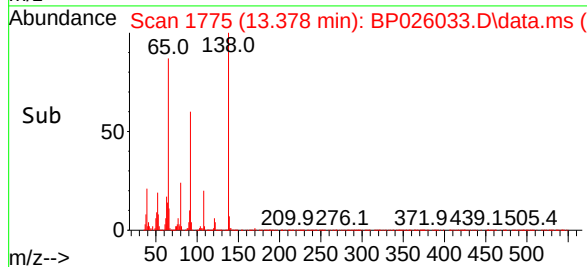
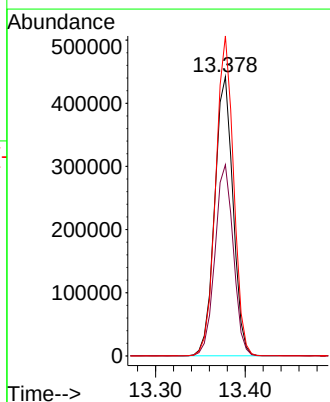
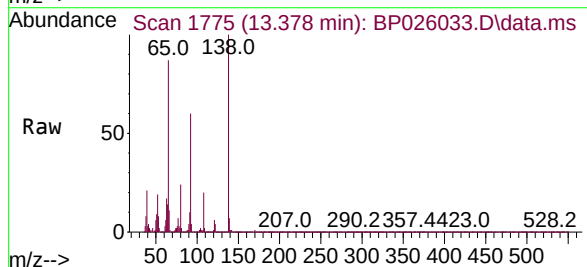
Reviewed By :Rahul Chavli 10/30/2025

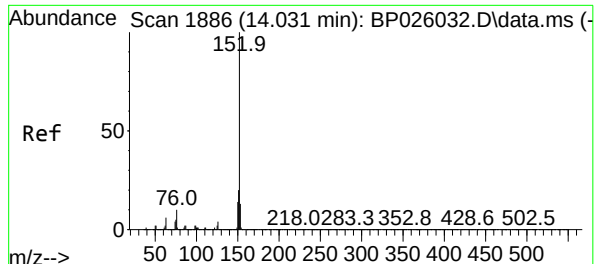
Supervised By :Jagrut Upadhyay 11/04/2025



#48
2-Nitroaniline
Concen: 45.673 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 65 Resp: 626496
Ion Ratio Lower Upper
65 100
92 68.5 55.5 83.3
138 114.6 91.7 137.5





#49

Acenaphthylene

Concen: 46.069 ng

RT: 14.037 min Scan# 1886

Delta R.T. 0.001 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 3657970

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

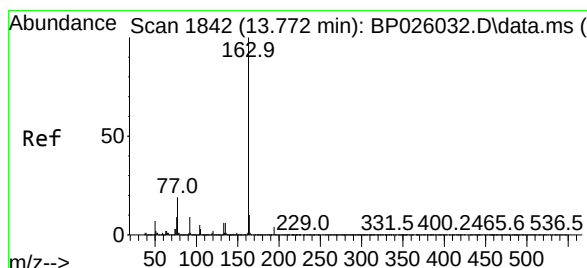
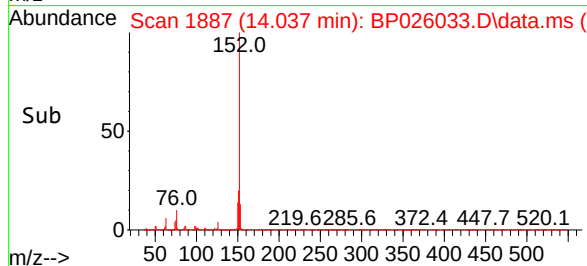
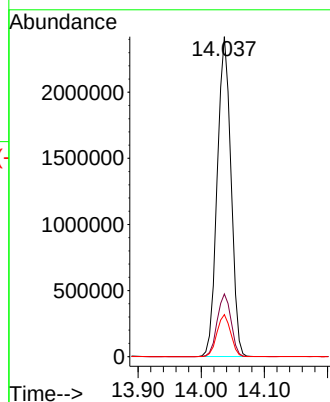
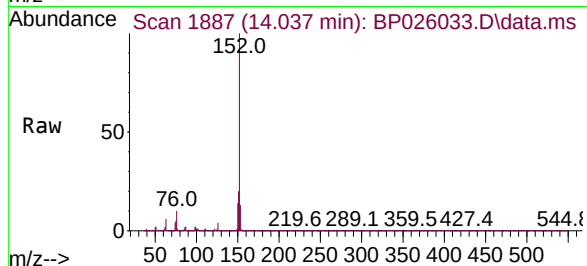
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 45.465 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

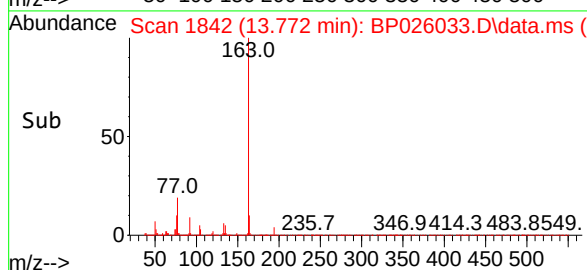
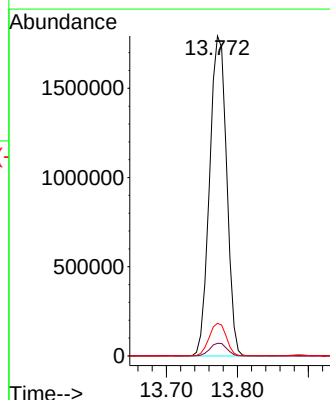
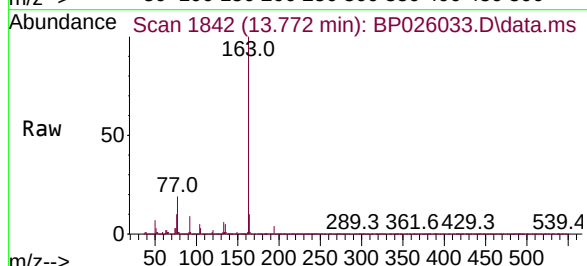
Tgt Ion:163 Resp: 2990506

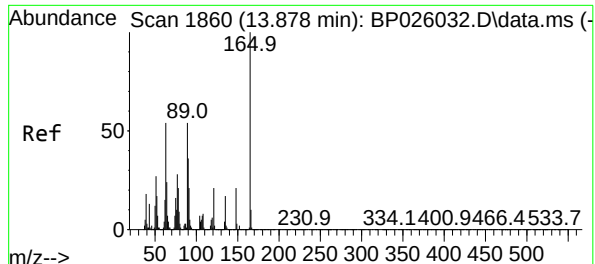
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.2 12.2





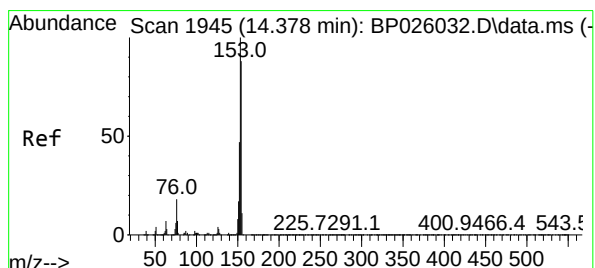
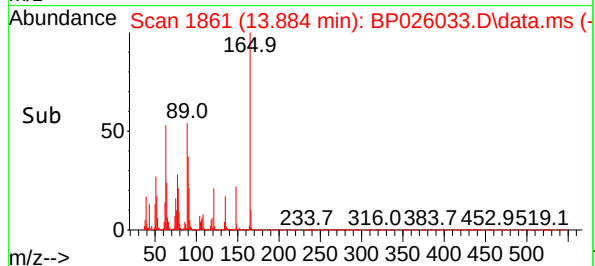
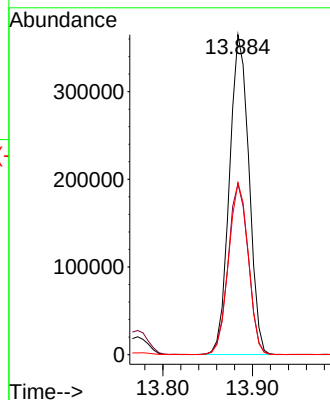
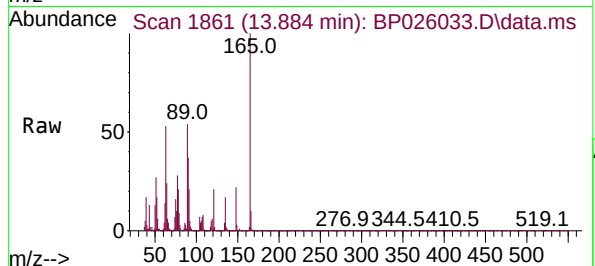
#51
2,6-Dinitrotoluene
Concen: 45.947 ng
RT: 13.884 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 554294
Ion Ratio Lower Upper
165 100
63 53.4 43.0 64.4
89 53.7 43.0 64.4

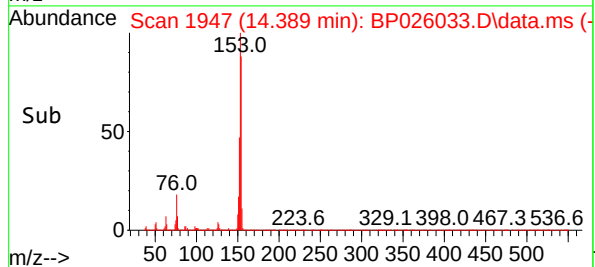
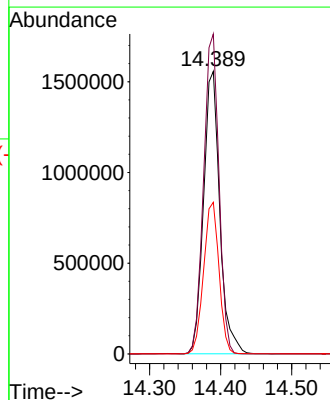
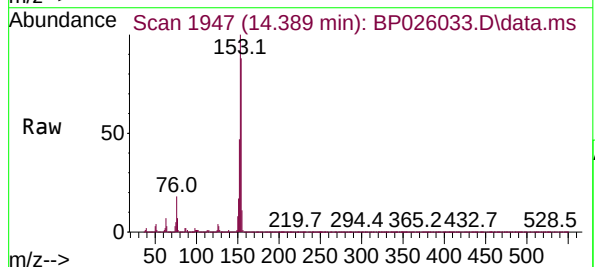
Manual Integrations
APPROVED

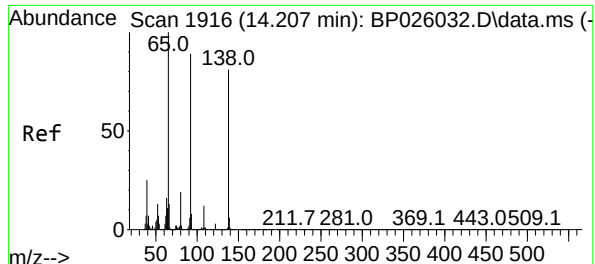
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 45.148 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:154 Resp: 2461012
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.4
152 53.7 42.7 64.1





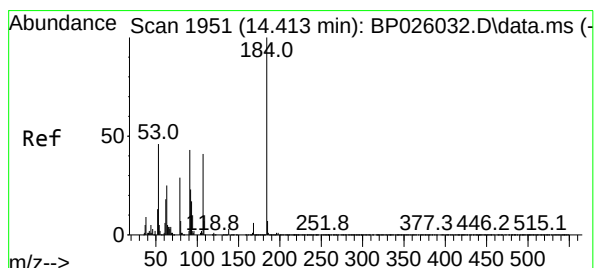
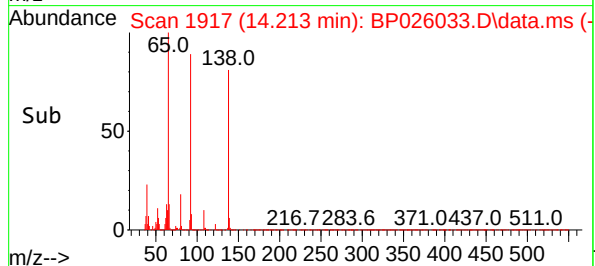
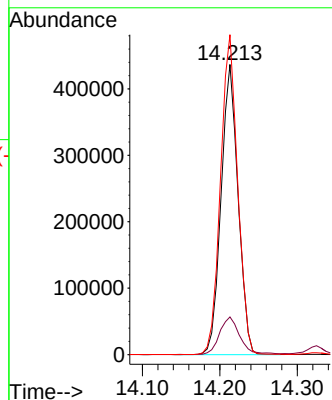
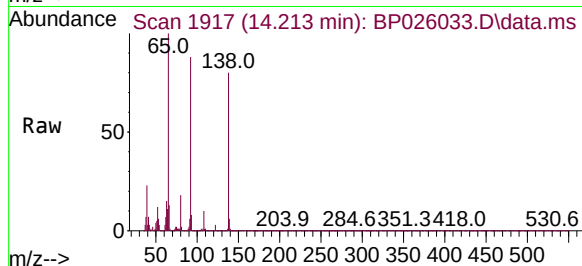
#53
3-Nitroaniline
Concen: 45.125 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 666202
Ion Ratio Lower Upper
138 100
108 13.0 11.4 17.0
92 110.3 87.1 130.7

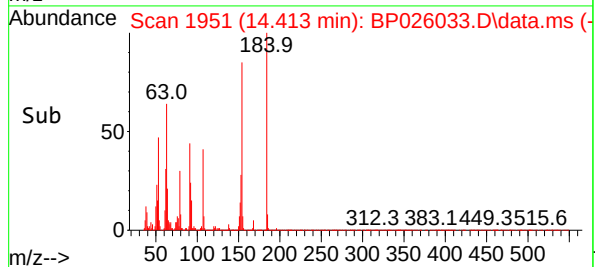
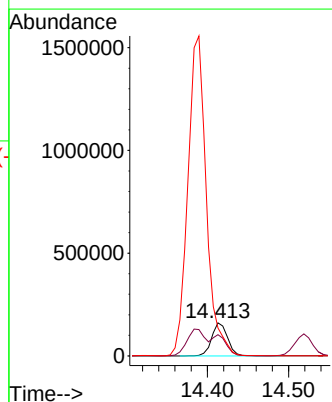
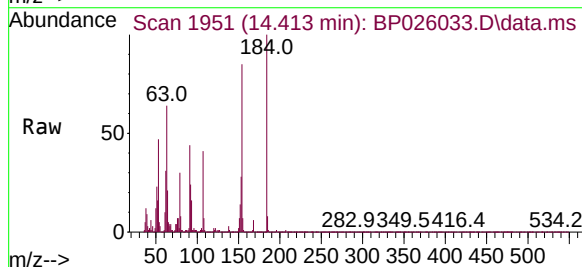
Manual Integrations
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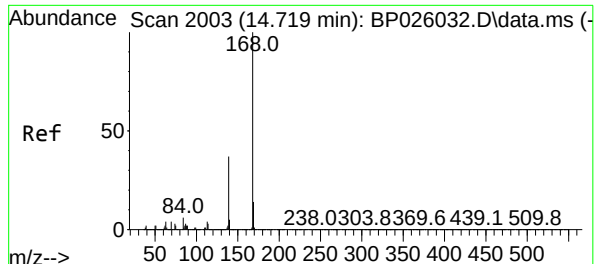
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 46.408 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

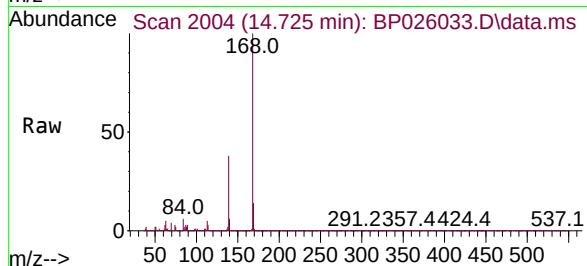
Tgt Ion:184 Resp: 217265
Ion Ratio Lower Upper
184 100
63 63.9 49.0 73.4
154 84.5 51.0 76.6#





#55
Dibenzenofuran
Concen: 44.295 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

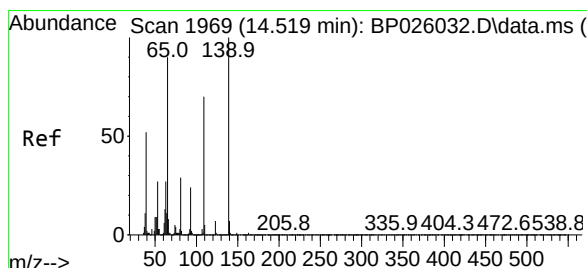
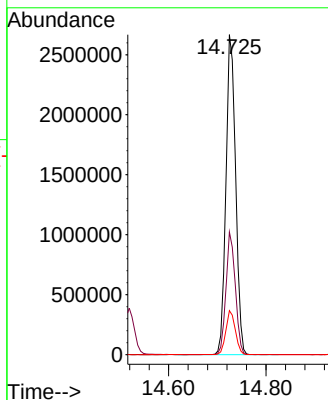
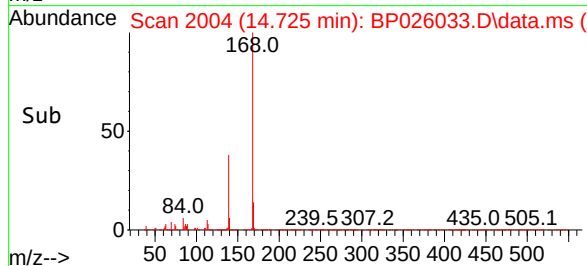
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 3647999
Ion Ratio Lower Upper
168 100
139 38.3 29.7 44.5
169 13.7 11.0 16.4

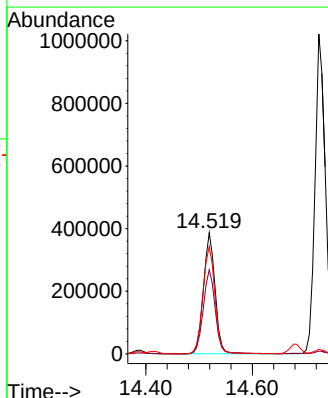
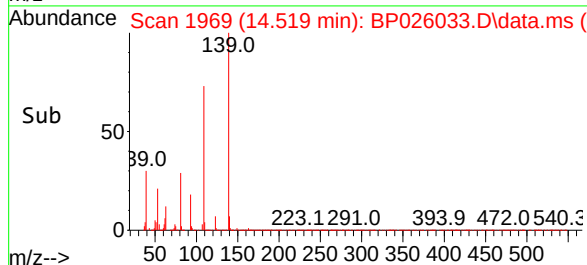
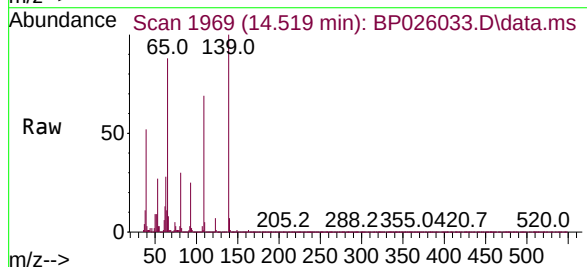
Manual Integrations
APPROVED

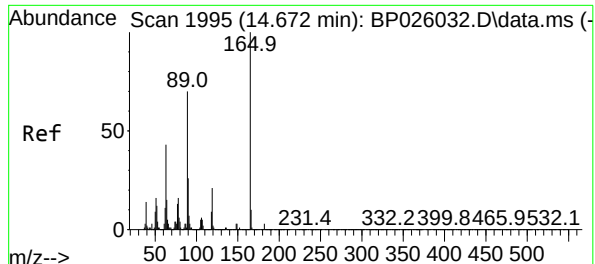
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#56
4-Nitrophenol
Concen: 44.465 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

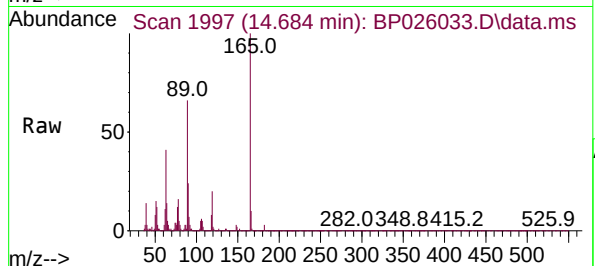
Tgt Ion:139 Resp: 583197
Ion Ratio Lower Upper
139 100
109 69.4 50.0 90.0
65 88.5 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 46.376 ng
RT: 14.684 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

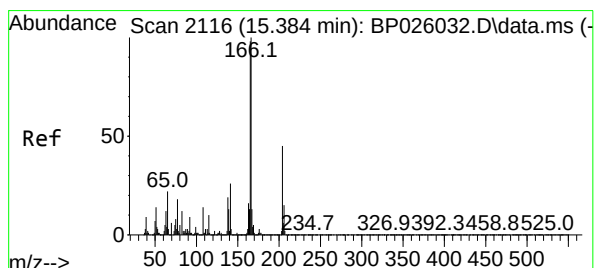
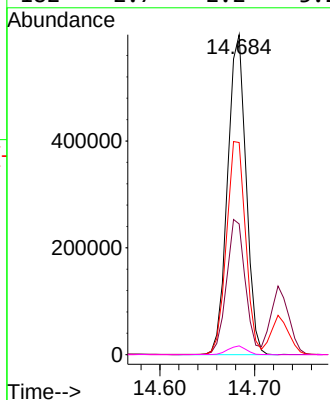
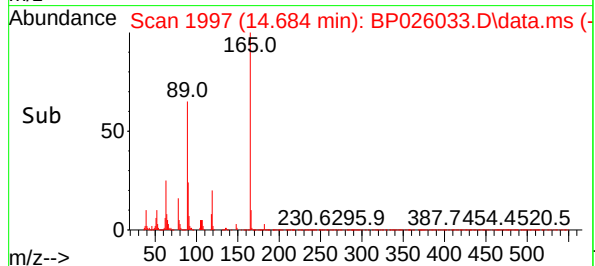
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 812960
Ion Ratio Lower Upper
165 100
63 40.8 34.2 51.2
89 66.3 56.0 84.0
182 2.7 2.2 3.2

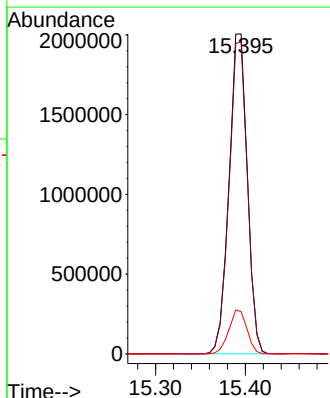
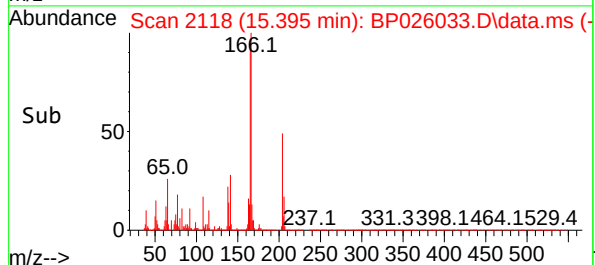
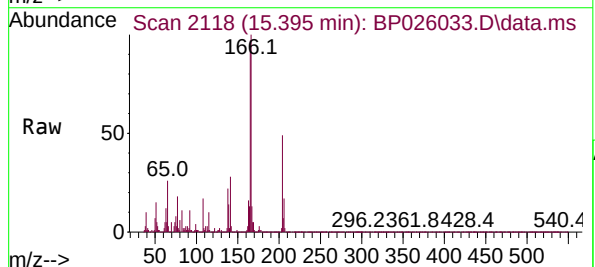
Manual Integrations
APPROVED

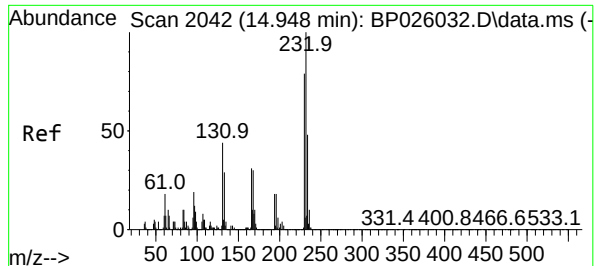
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 44.149 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:166 Resp: 2848597
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.733 ng

RT: 14.960 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 741001

Ion Ratio Lower Upper

232 100

131 44.1 35.2 52.8

130 2.3 1.7 2.5

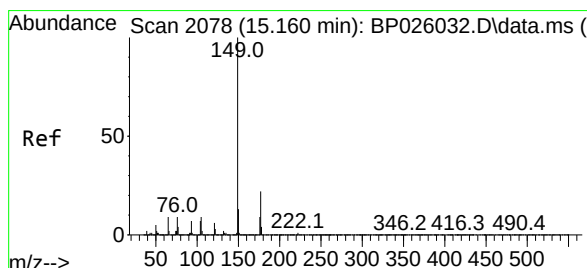
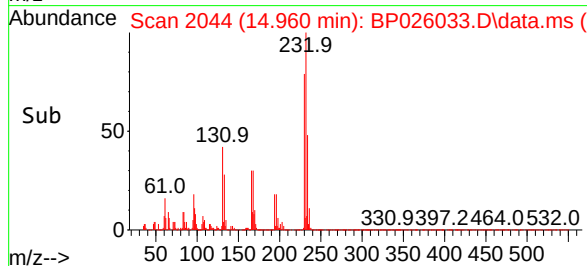
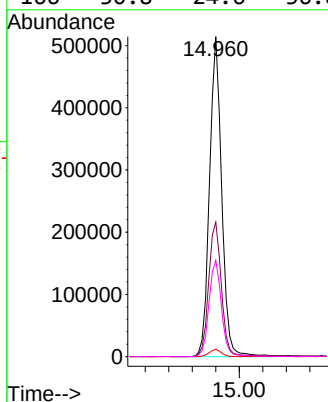
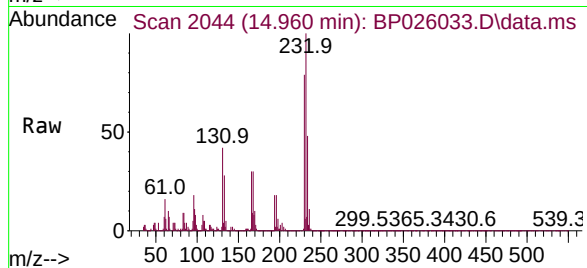
166 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#60

Diethylphthalate

Concen: 46.159 ng

RT: 15.178 min Scan# 2081

Delta R.T. 0.012 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

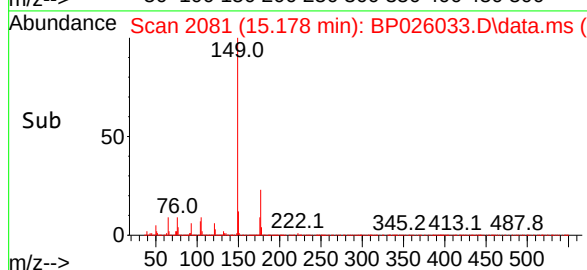
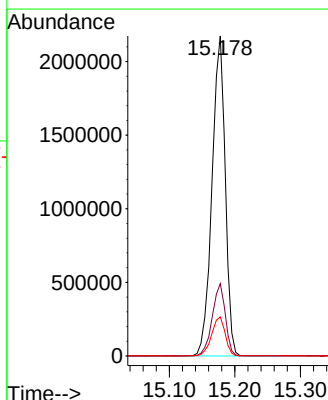
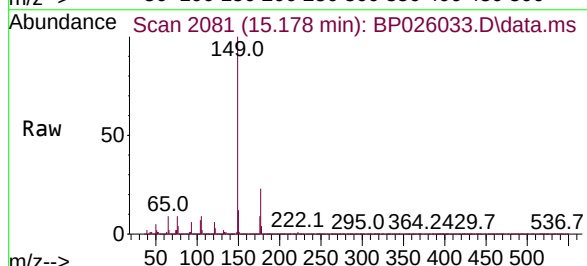
Tgt Ion:149 Resp: 3052331

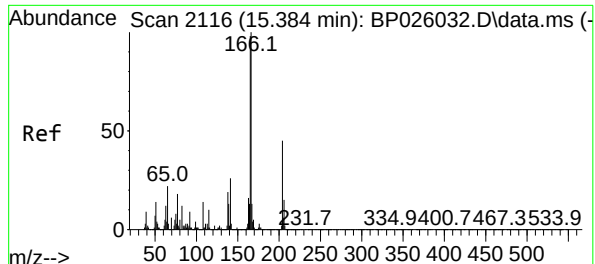
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

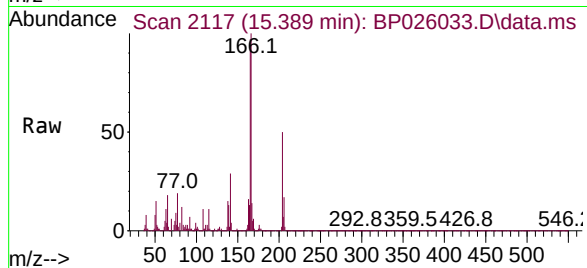
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.714 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

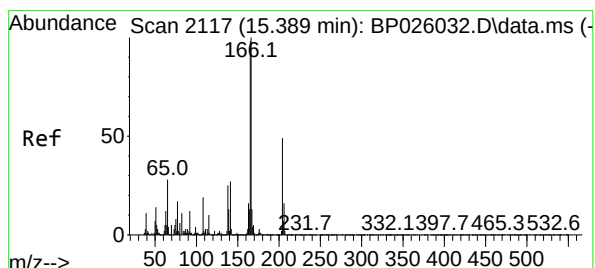
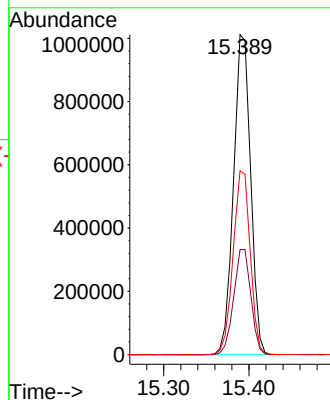
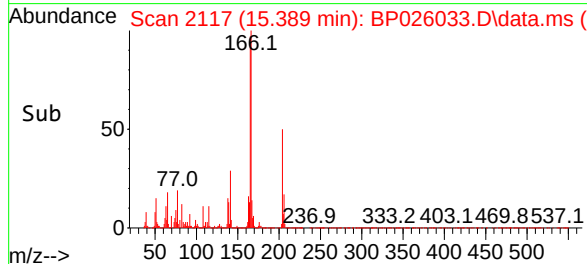
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion: 204 Resp: 140851
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 57.4 47.0 70.4

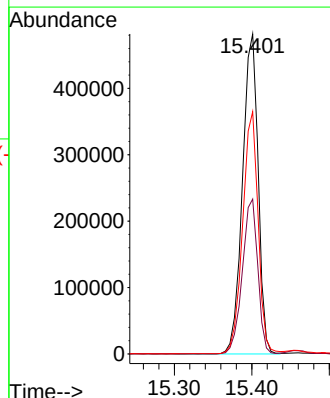
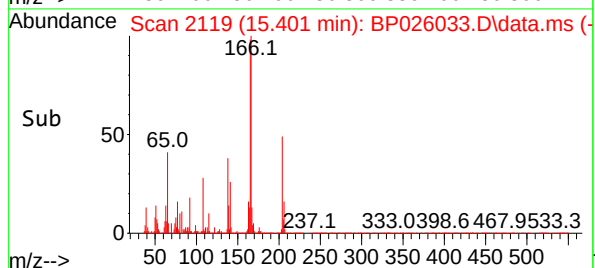
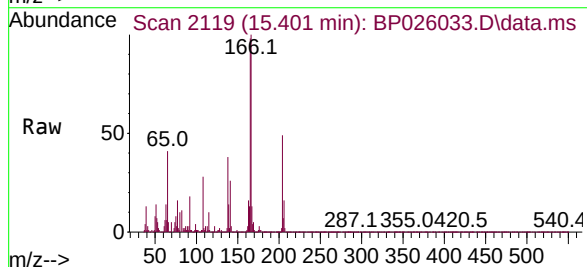
Manual Integrations
APPROVED

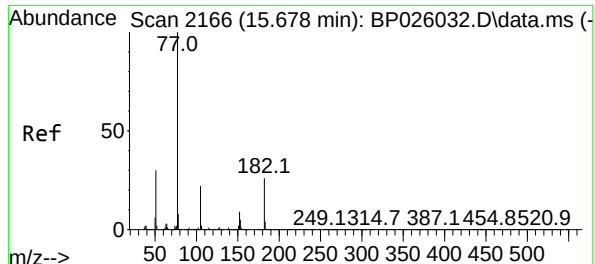
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 47.907 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

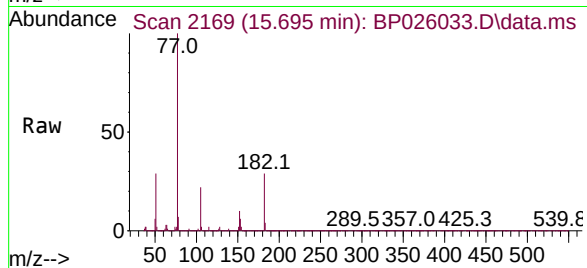
Tgt Ion: 138 Resp: 673347
Ion Ratio Lower Upper
138 100
92 48.4 28.2 68.2
108 75.7 56.0 96.0





#63
Azobenzene
Concen: 44.816 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

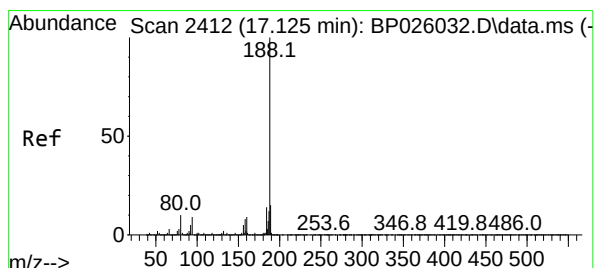
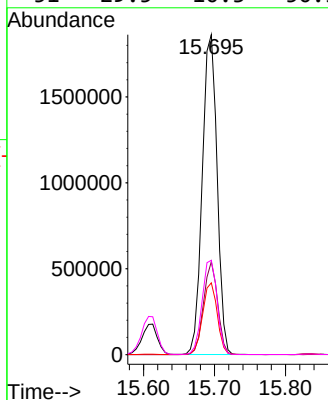
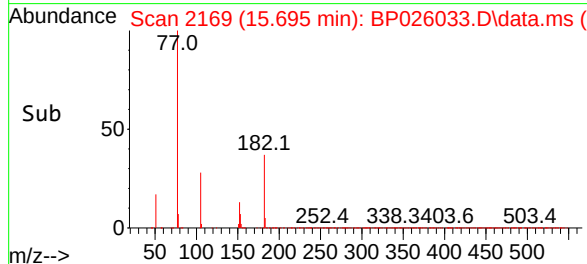
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 268582
Ion Ratio Lower Upper
77 100
182 29.0 6.4 46.4
105 22.5 2.2 42.2
51 29.5 10.3 50.3

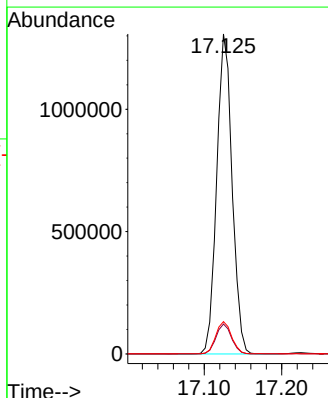
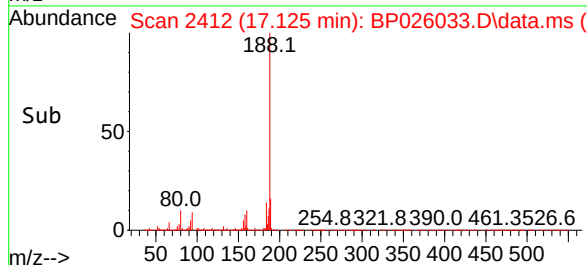
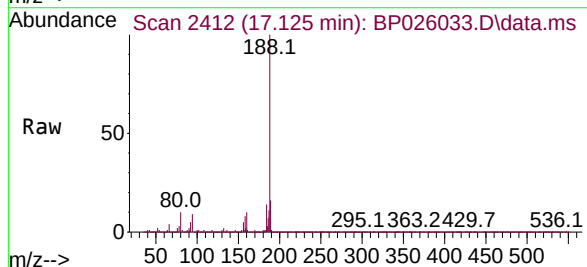
Manual Integrations
APPROVED

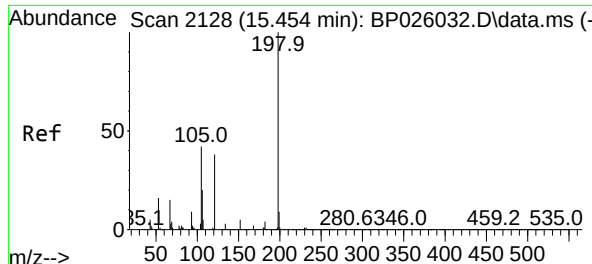
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

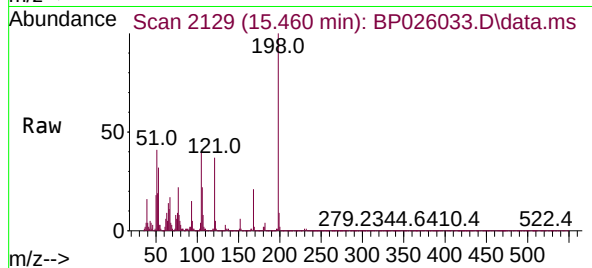
Tgt Ion:188 Resp: 1803155
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.617 ng
RT: 15.460 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

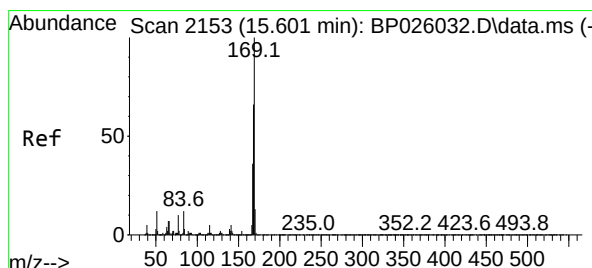
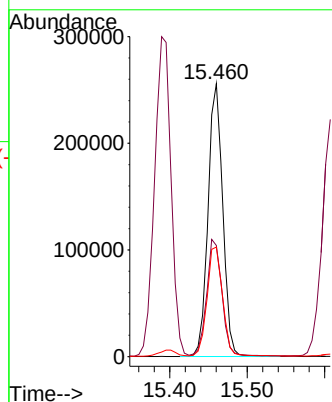
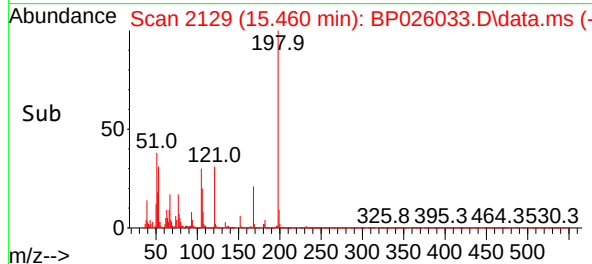
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 336876
Ion Ratio Lower Upper
198 100
51 40.7 25.2 65.2
105 40.1 23.7 63.7

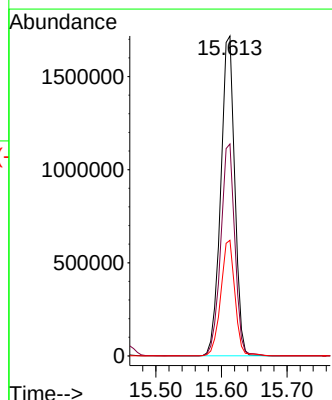
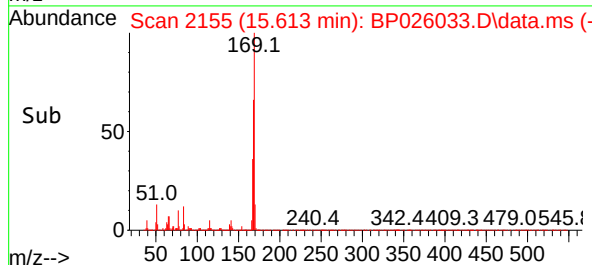
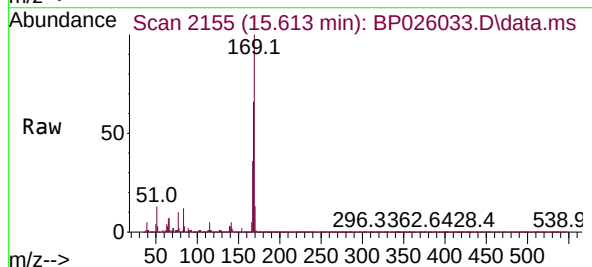
Manual Integrations
APPROVED

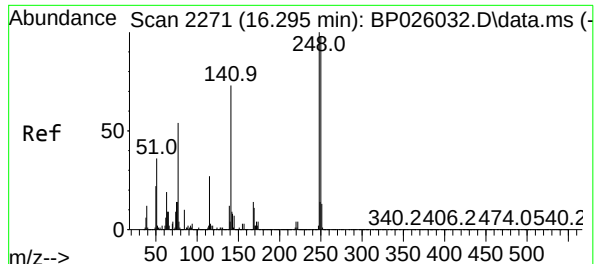
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 45.350 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:169 Resp: 2556770
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.926 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

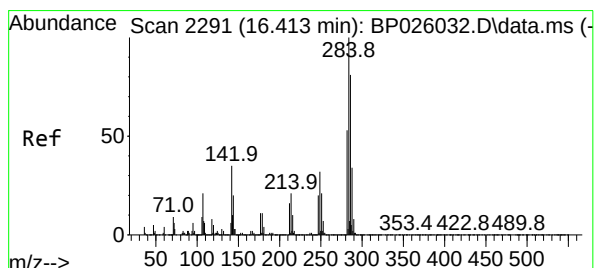
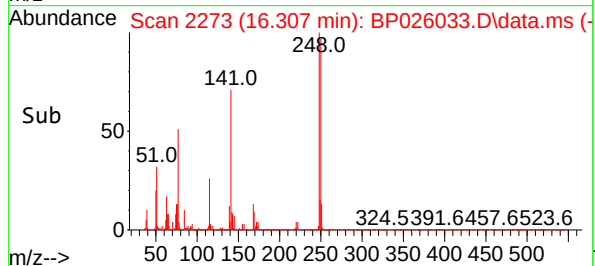
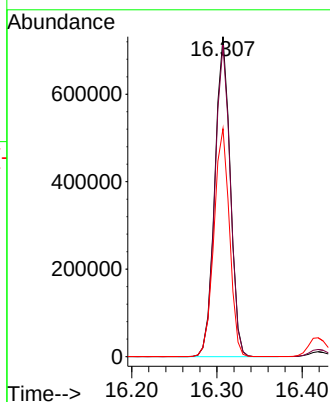
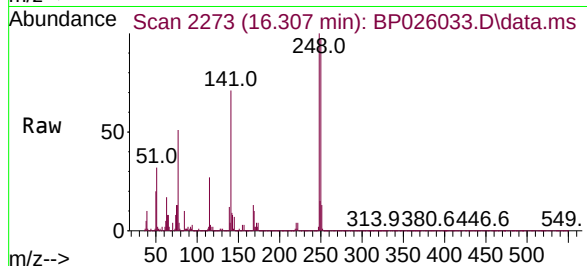
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	71.2	58.3	87.5

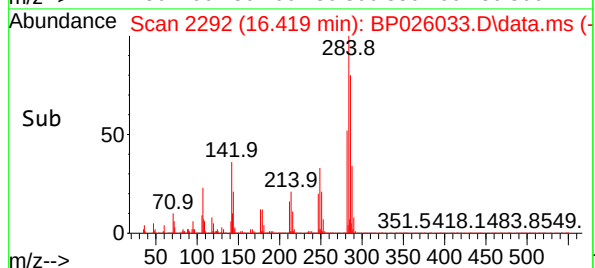
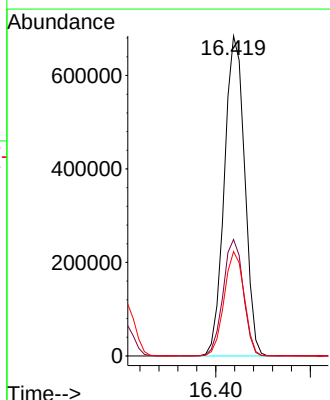
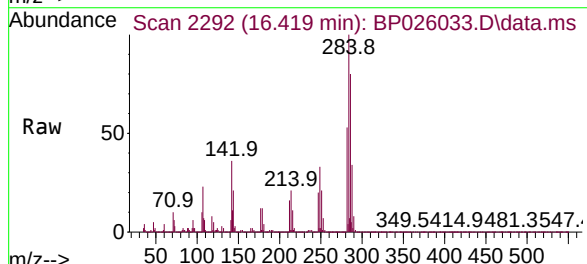
Manual Integrations
APPROVED

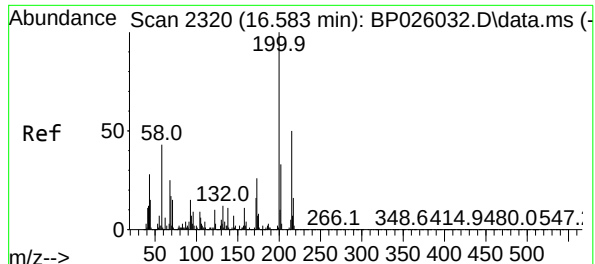
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 44.671 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.7	41.5
249	32.6	25.5	38.3





#69

Atrazine

Concen: 45.648 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 86816

Ion Ratio Lower Upper

200 100

173 26.2 6.2 46.2

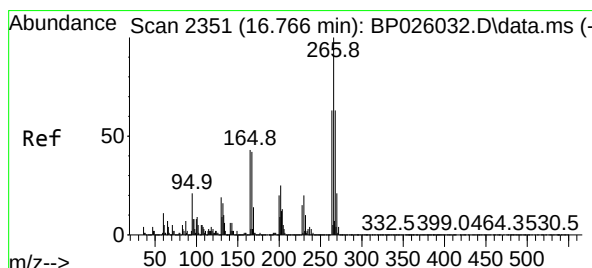
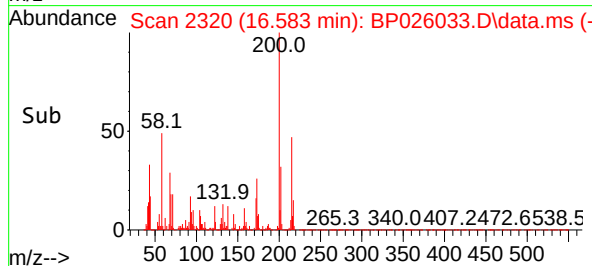
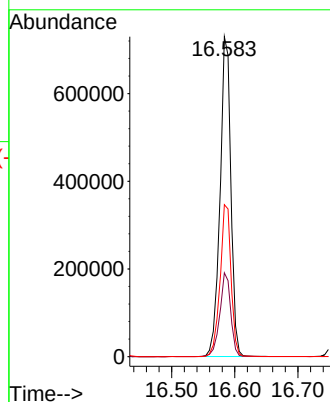
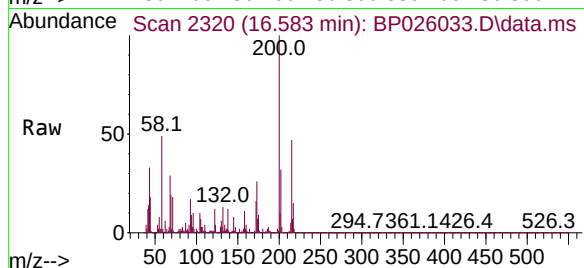
215 47.5 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 48.009 ng

RT: 16.766 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

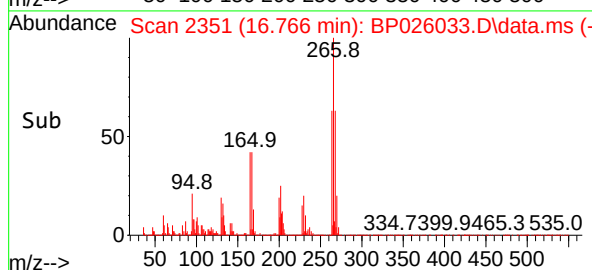
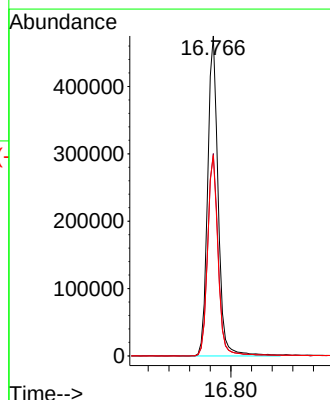
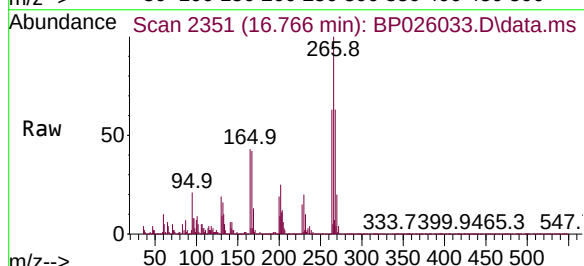
Tgt Ion:266 Resp: 667717

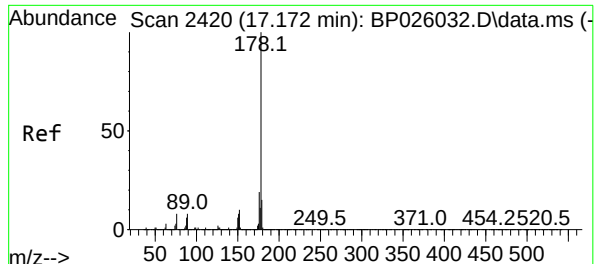
Ion Ratio Lower Upper

266 100

268 63.2 50.6 76.0

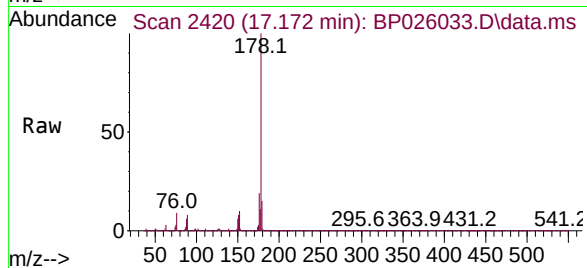
264 62.6 50.2 75.4





#71
Phenanthrene
Concen: 44.270 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

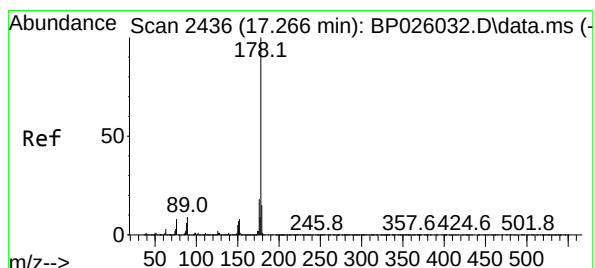
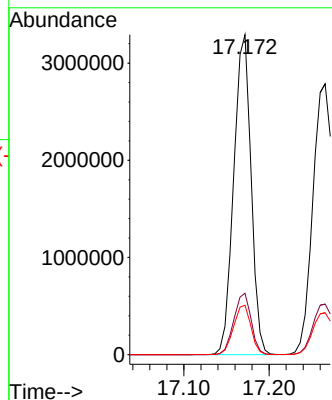
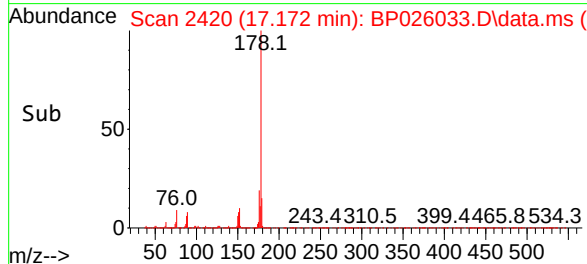
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 464624
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.3 18.5

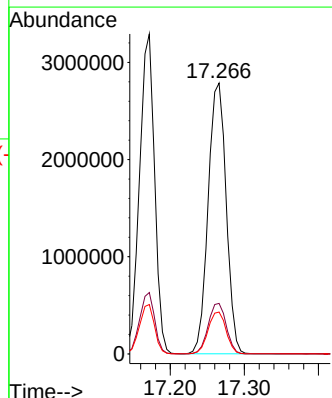
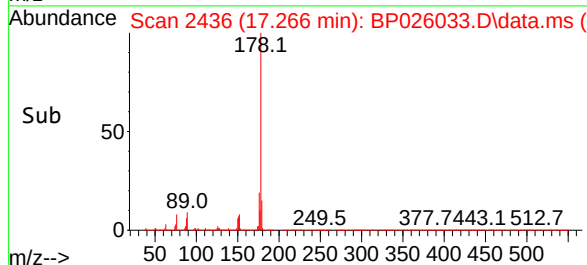
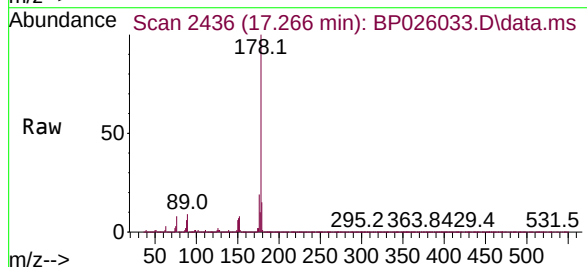
Manual Integrations
APPROVED

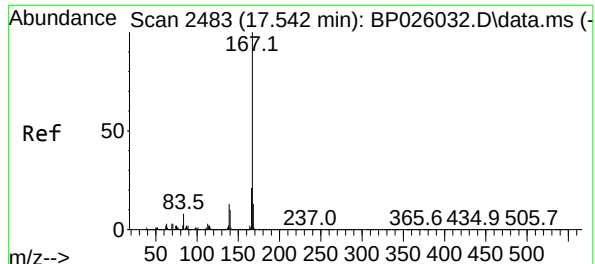
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 45.221 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

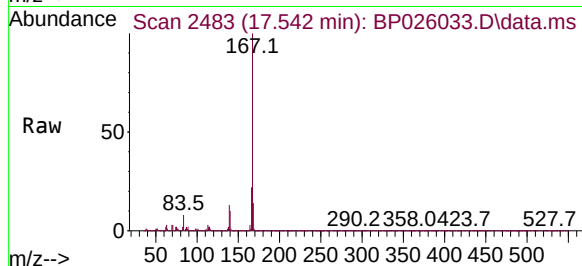
Tgt Ion:178 Resp: 4704548
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4





#73
Carbazole
Concen: 44.353 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

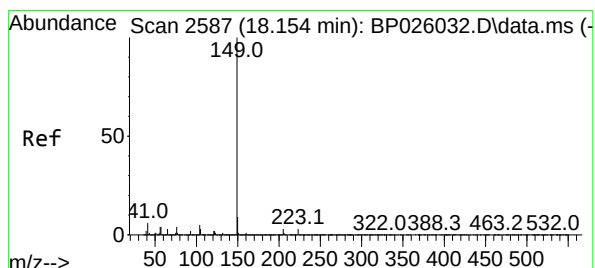
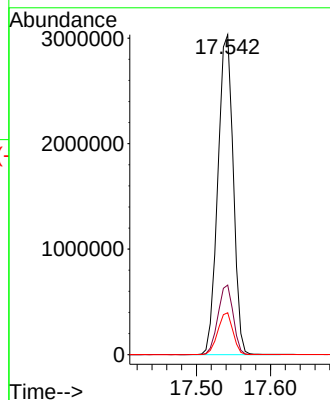
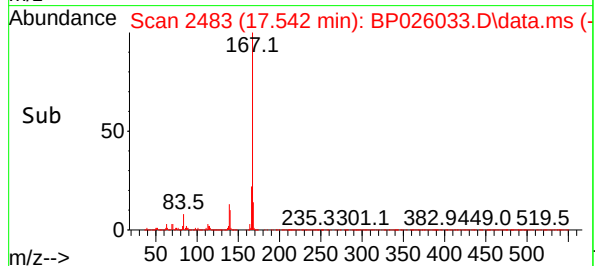
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 436788
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 13.1 10.2 15.2

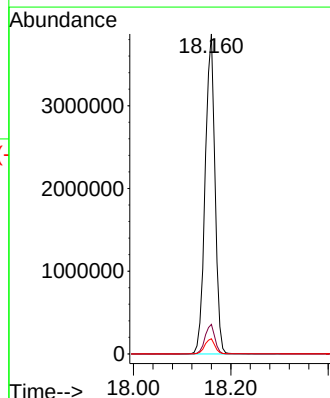
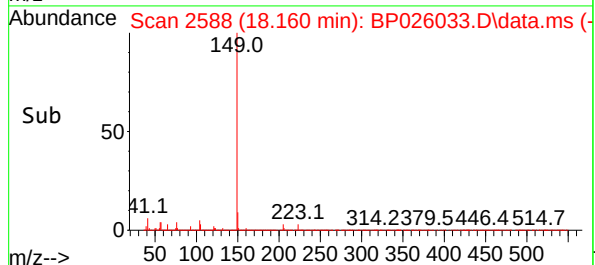
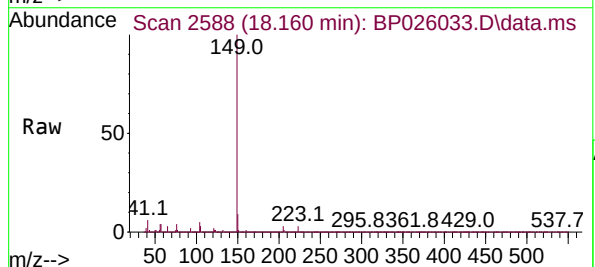
Manual Integrations
APPROVED

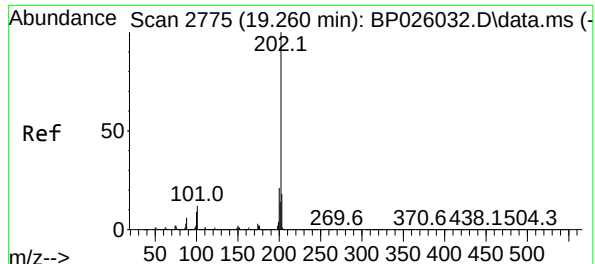
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 48.928 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

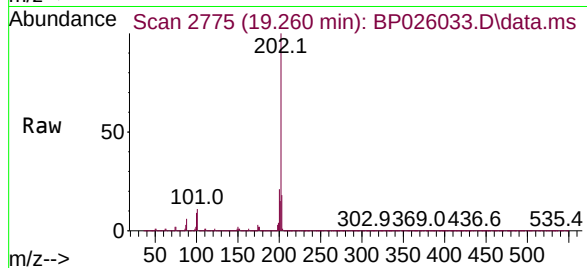
Tgt Ion:149 Resp: 5391627
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 45.075 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

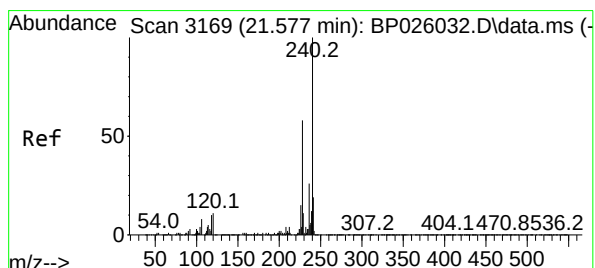
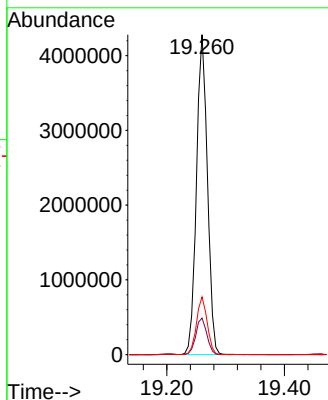
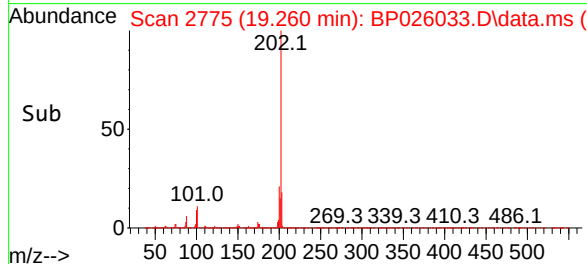
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 5518479
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.1
203 18.0 0.0 37.6

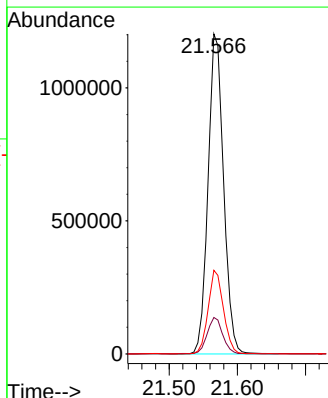
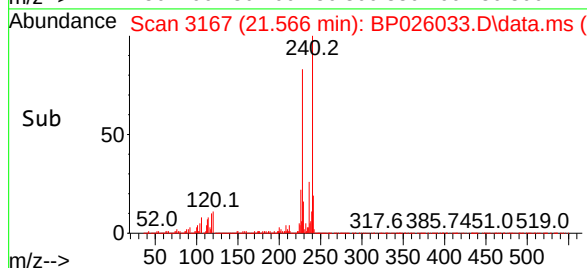
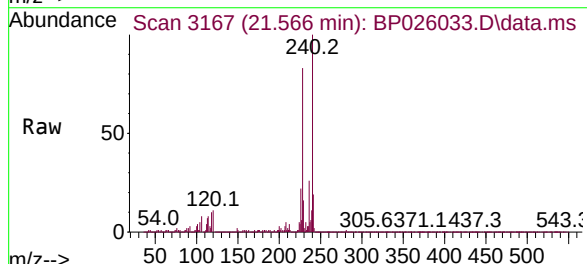
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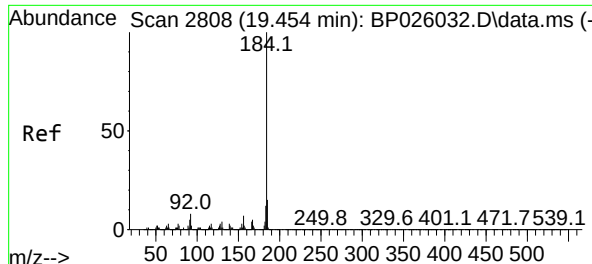
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:240 Resp: 1902632
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 20.6 31.0





#77

Benzidine

Concen: 44.405 ng

RT: 19.460 min Scan# 2809

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:184 Resp: 2144466

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

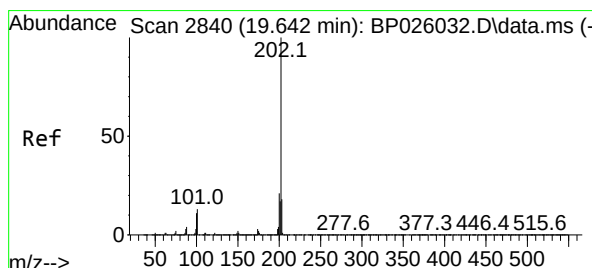
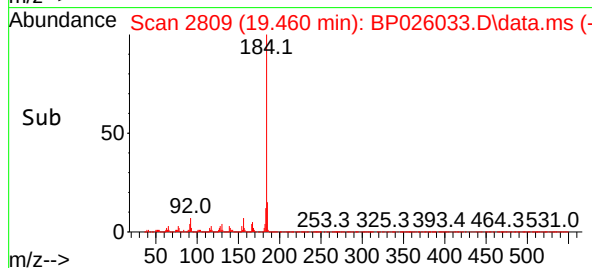
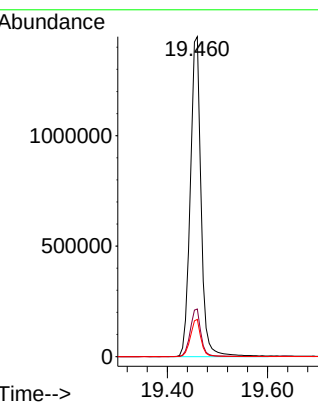
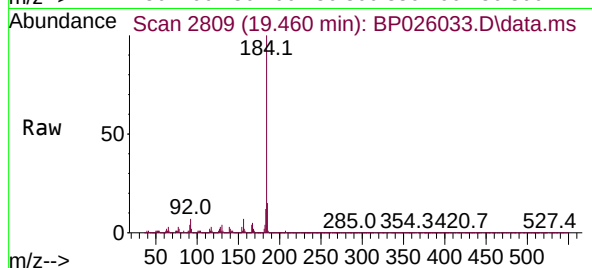
183 11.6 9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#78

Pyrene

Concen: 44.987 ng

RT: 19.636 min Scan# 2839

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

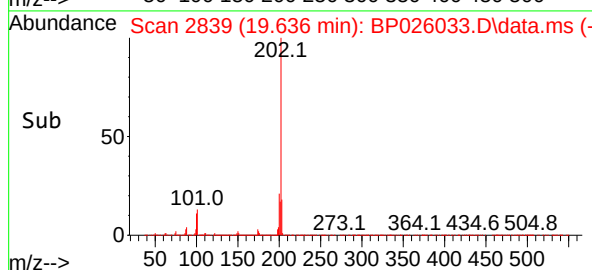
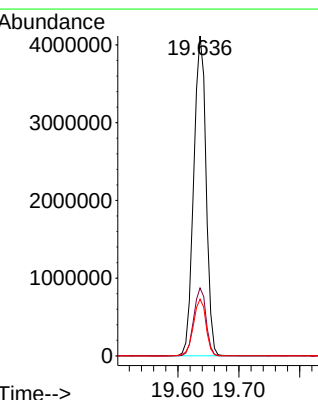
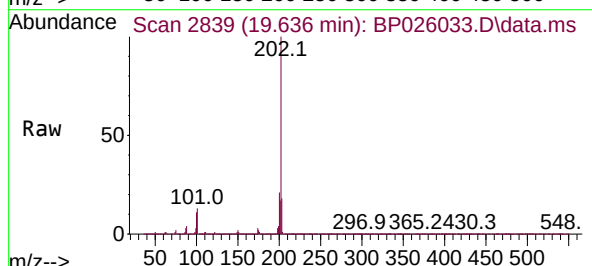
Tgt Ion:202 Resp: 5789133

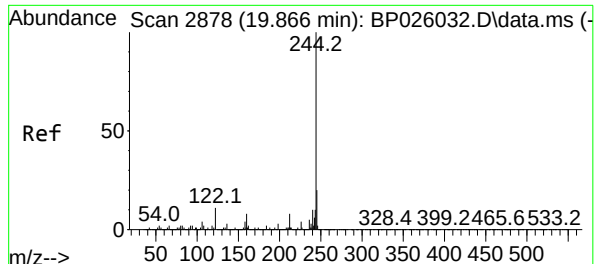
Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 17.7 14.0 21.0





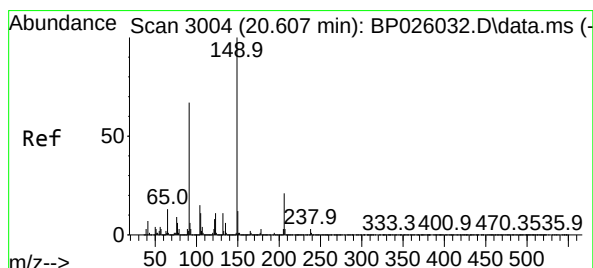
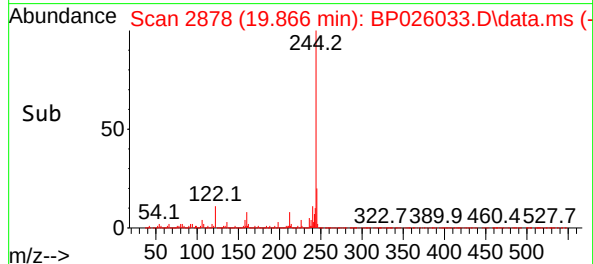
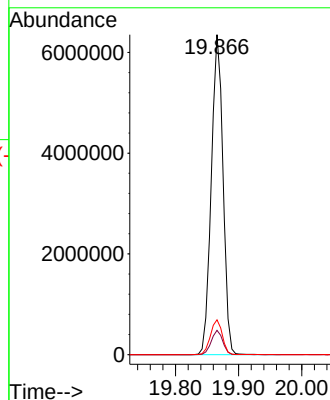
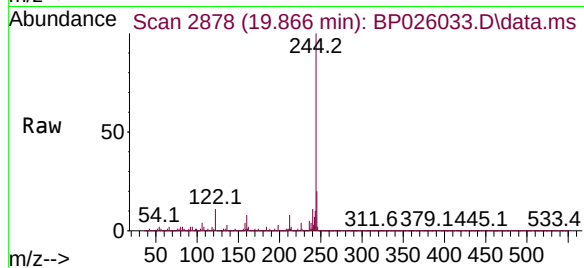
#79
Terphenyl-d14
Concen: 87.388 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8183730
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.9 9.0 13.6

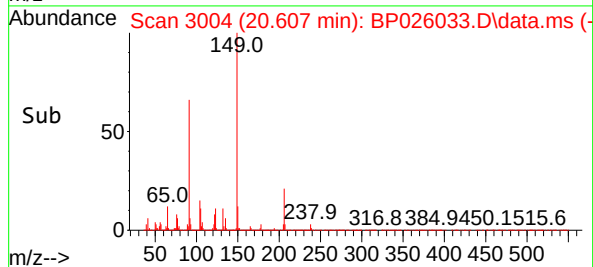
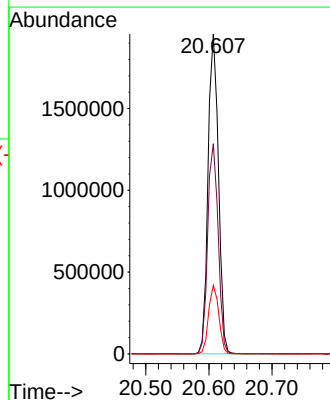
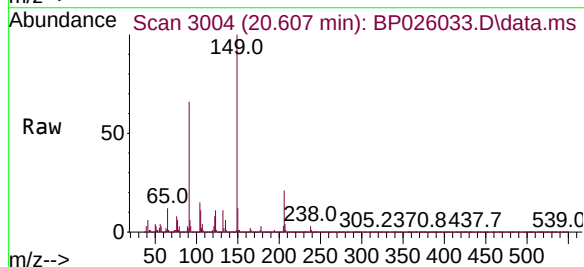
Manual Integrations
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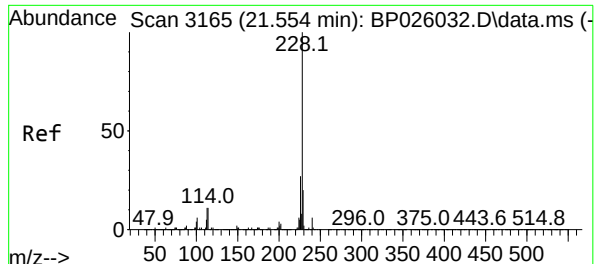
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 46.457 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

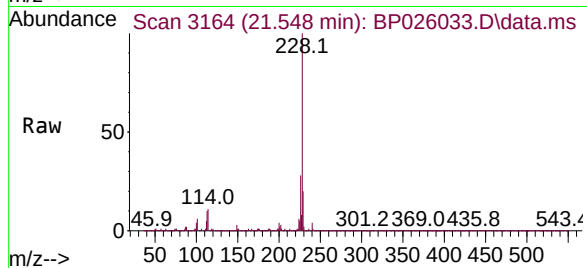
Tgt Ion:149 Resp: 2226346
Ion Ratio Lower Upper
149 100
91 65.7 53.5 80.3
206 21.4 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.546 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

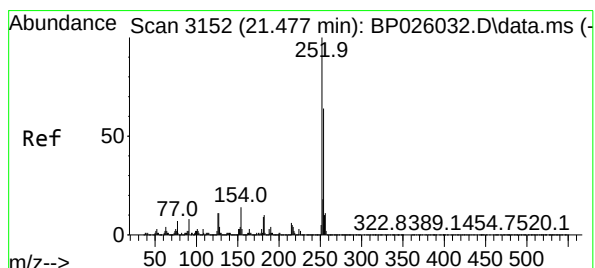
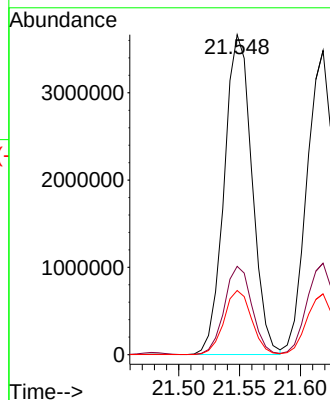
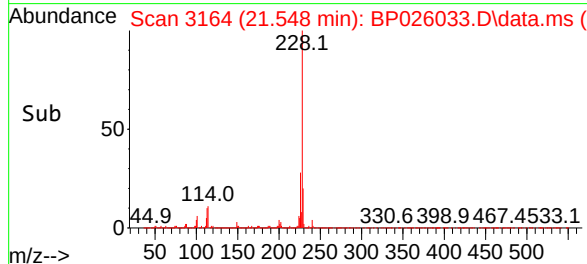
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 5824139
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.0 15.8 23.8

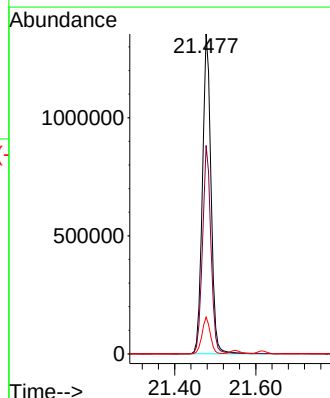
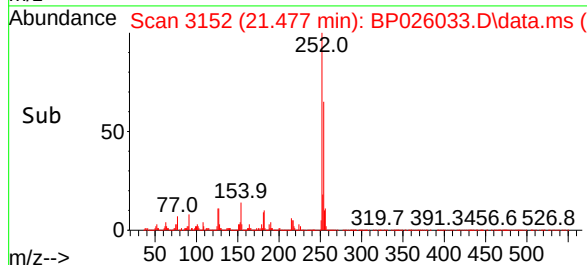
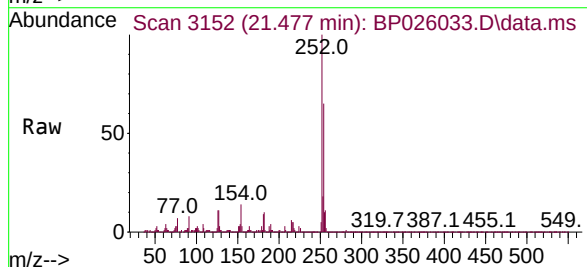
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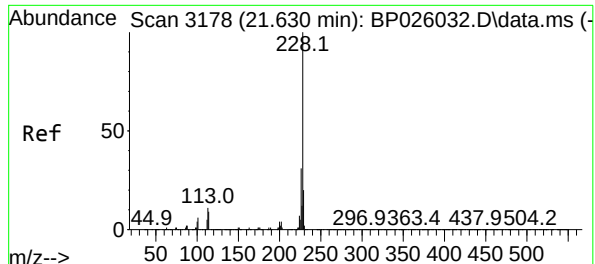
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.020 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 1980734
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.5 9.1 13.7





#83

Chrysene

Concen: 44.884 ng

RT: 21.619 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 5558878

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

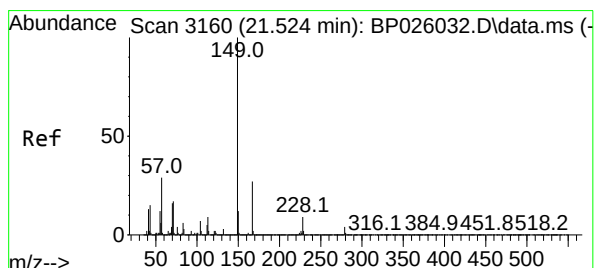
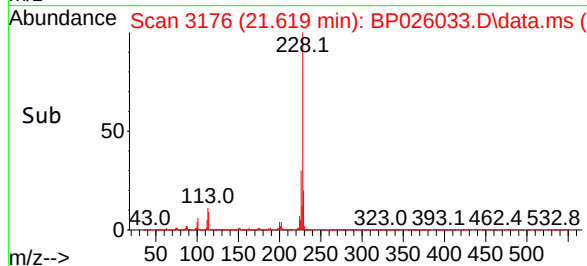
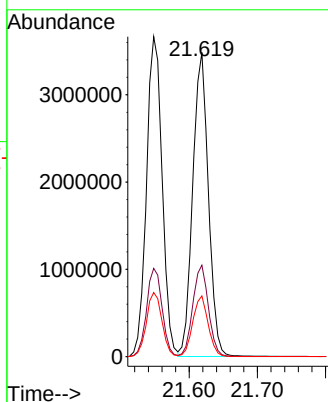
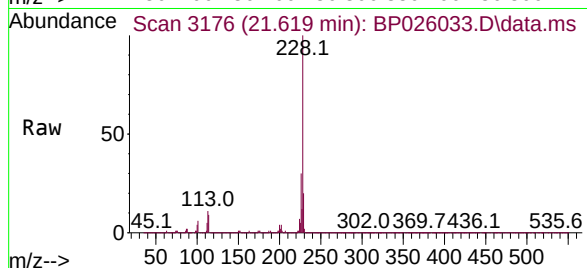
229 20.0 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.172 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

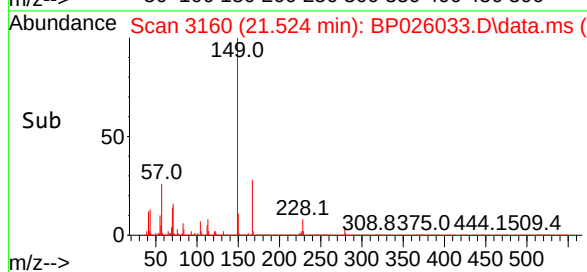
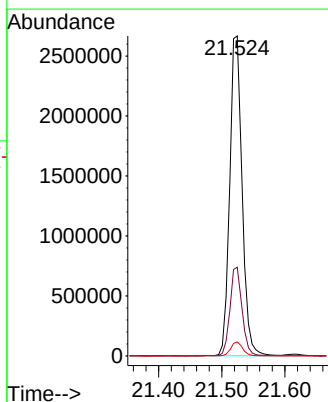
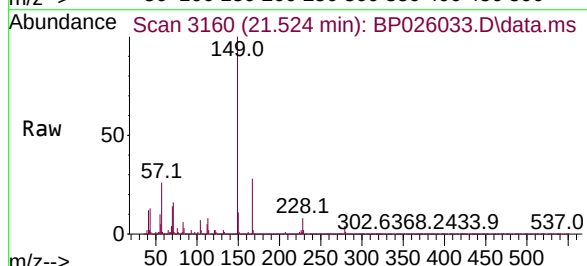
Tgt Ion:149 Resp: 3652585

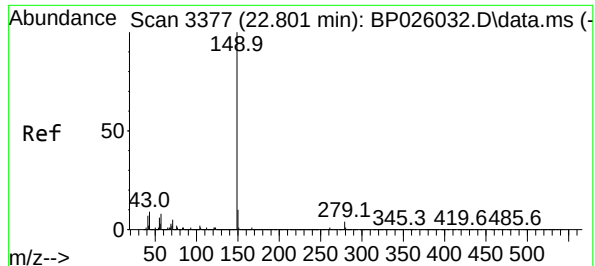
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.4 3.0 4.6





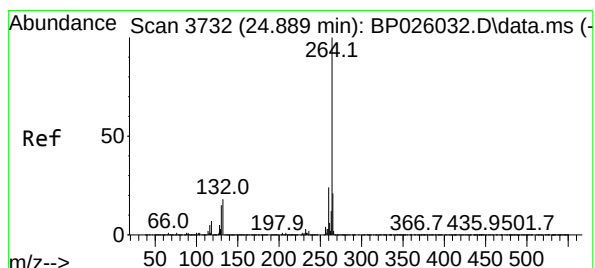
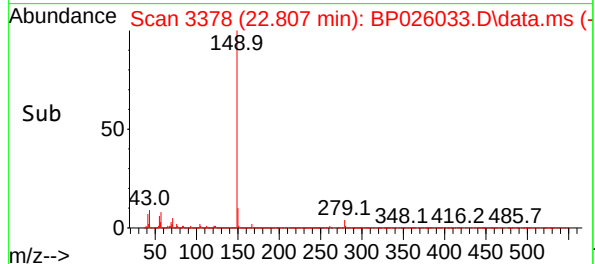
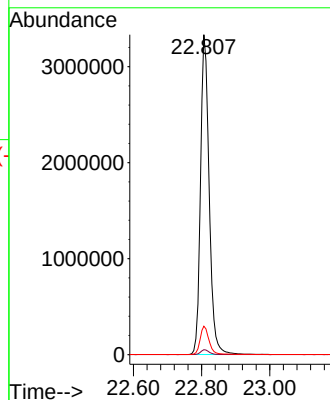
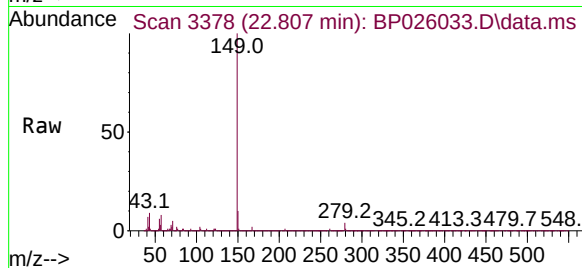
#85
Di-n-octyl phthalate
Concen: 51.985 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5887832
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.6 11.4

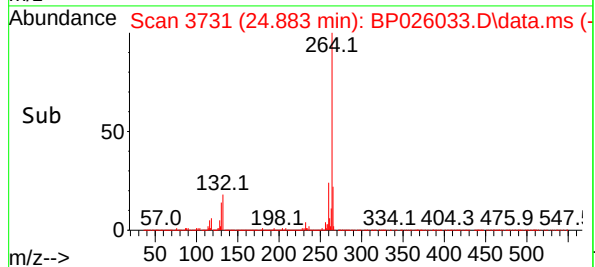
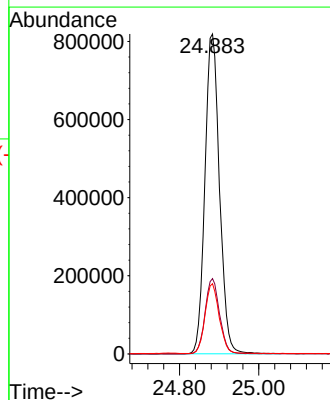
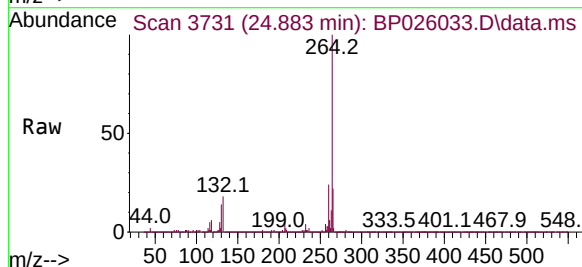
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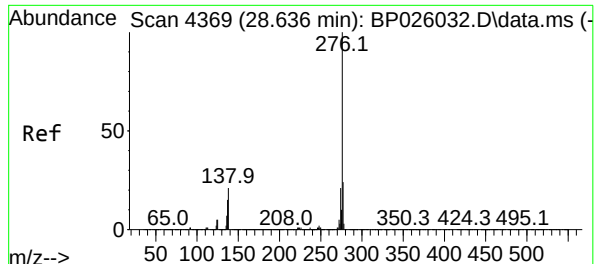
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:264 Resp: 2091380
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.456 ng m

RT: 28.659 min Scan# 4369

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 7169922

Ion Ratio Lower Upper

276 100

138 16.6 13.2 19.8

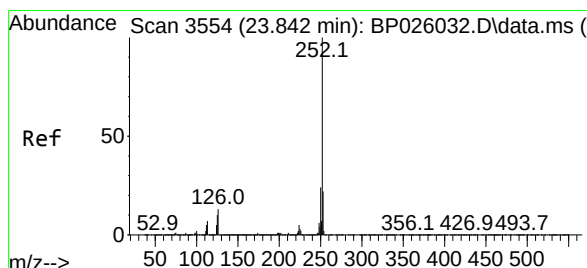
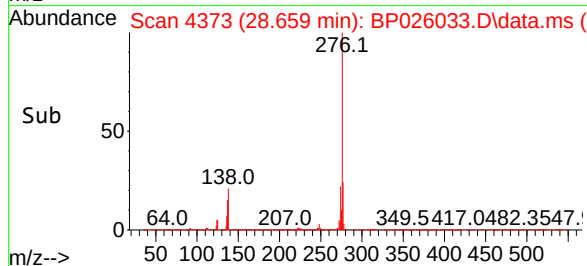
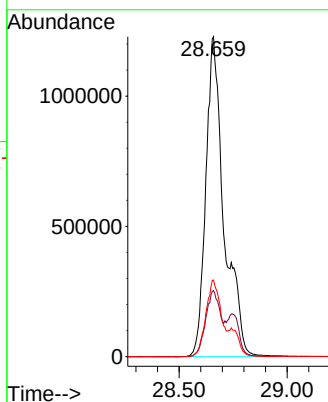
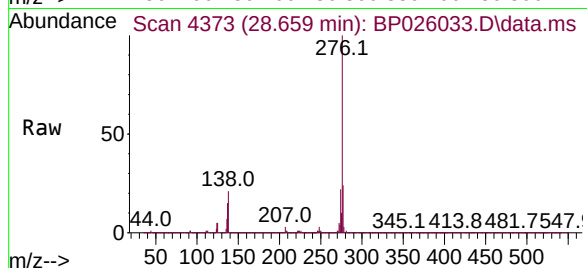
277 20.1 16.3 24.5

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#88

Benzo(b)fluoranthene

Concen: 46.280 ng

RT: 23.854 min Scan# 3556

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

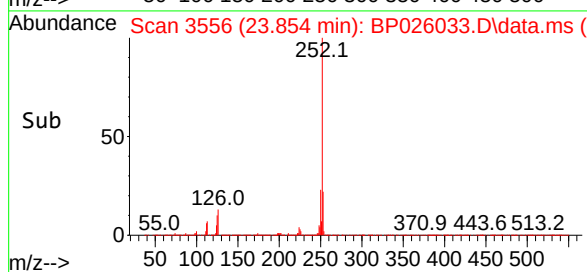
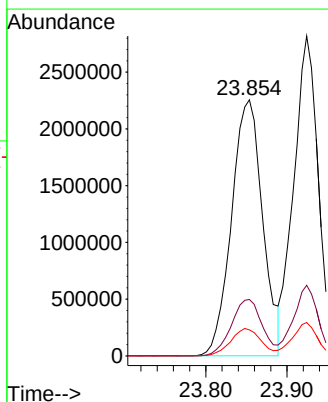
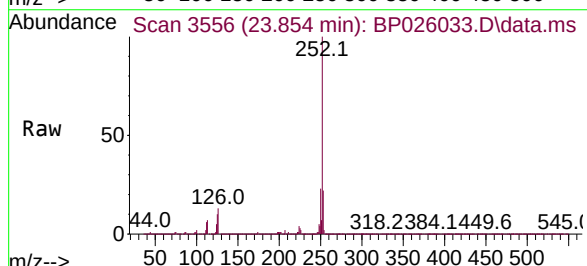
Tgt Ion:252 Resp: 6008578

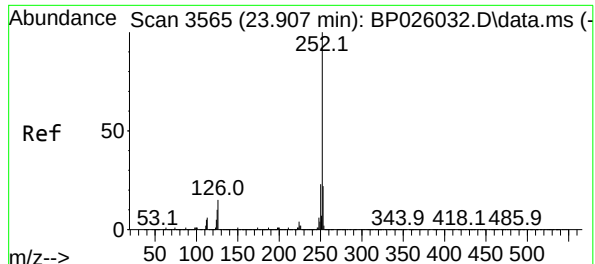
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.984 ng

RT: 23.924 min Scan# 3565

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 596395

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

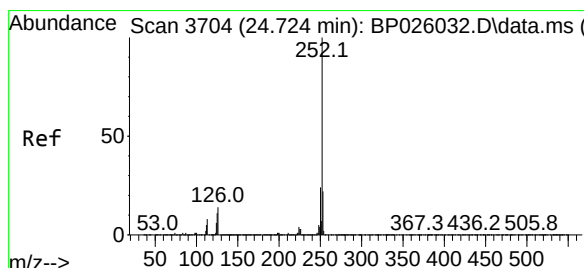
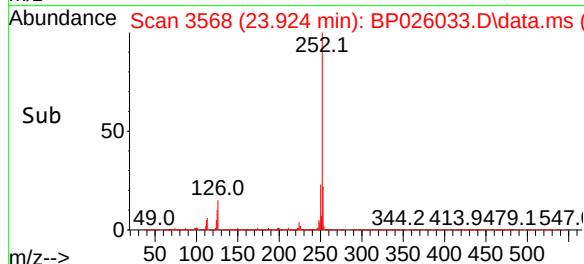
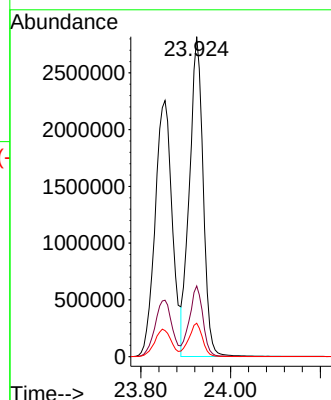
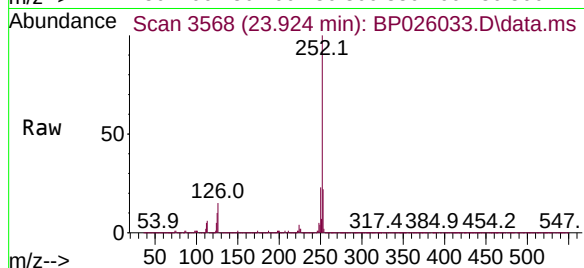
125 10.4 8.1 12.1

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 46.197 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

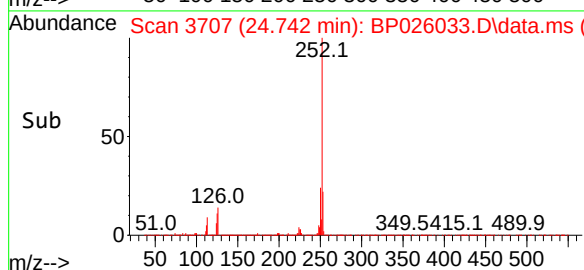
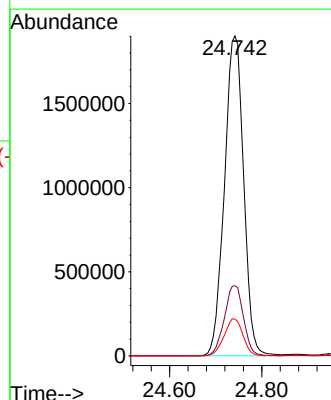
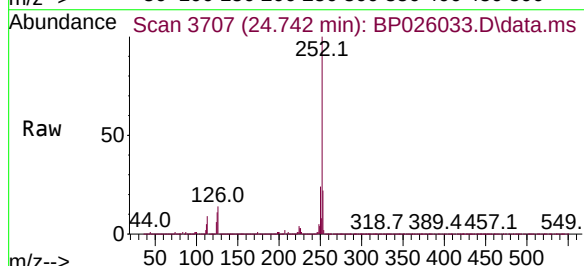
Tgt Ion:252 Resp: 5510203

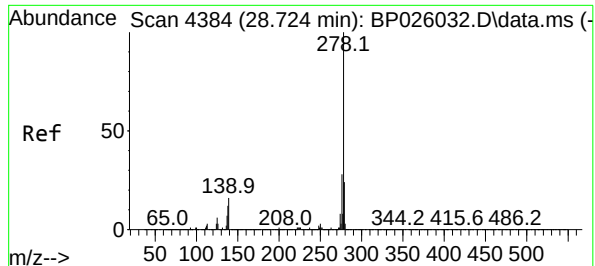
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

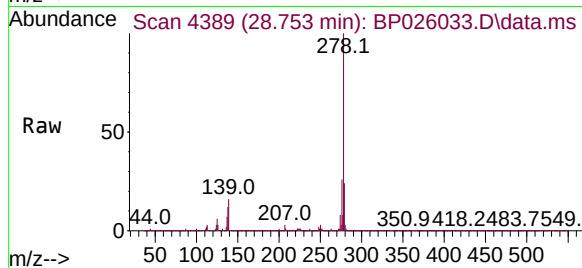
125 11.5 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 46.490 ng
RT: 28.753 min Scan# 4384
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

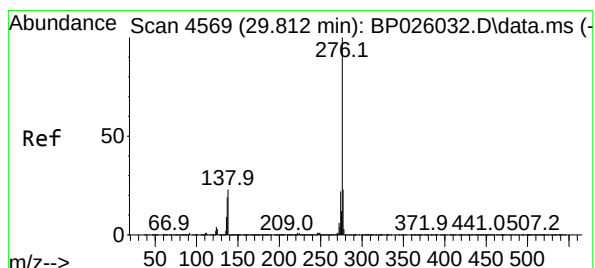
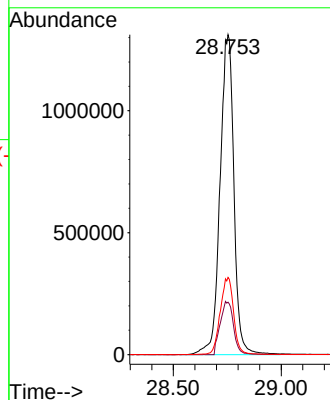
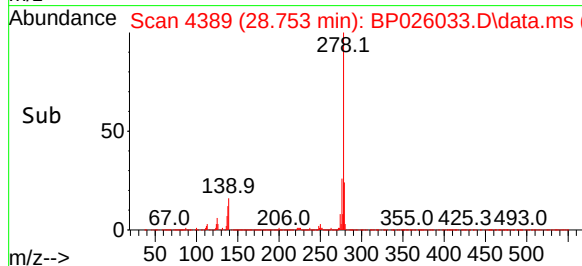
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 278 Resp: 584146
Ion Ratio Lower Upper
278 100
139 16.4 13.0 19.6
279 24.2 18.9 28.3

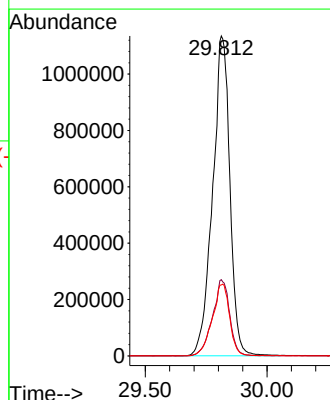
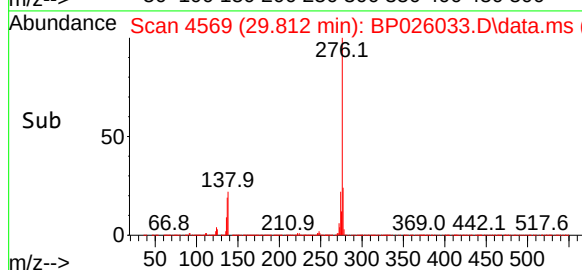
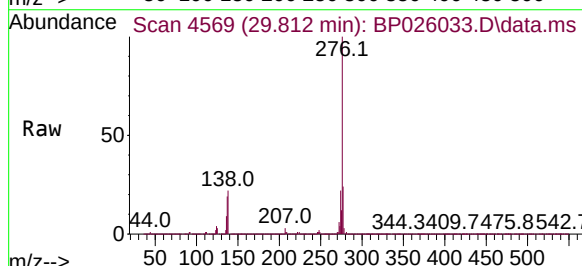
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Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 46.163 ng
RT: 29.812 min Scan# 4569
Delta R.T. -0.017 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 276 Resp: 5581541
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 22.2 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026034.D
 Acq On : 29 Oct 2025 13:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 29 18:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	294204	20.000	ng	0.00
21) Naphthalene-d8	10.448	136	1188234	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	740246	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1468570	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1519622	20.000	ng	0.02
86) Perylene-d12	24.895	264	1658930	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2326169	130.467	ng	0.00
7) Phenol-d6	6.855	99	2901394	127.851	ng	0.00
23) Nitrobenzene-d5	8.825	82	2556249	134.112	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1109676	138.661	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	6359685	123.451	ng	0.00
79) Terphenyl-d14	19.871	244	9289969	124.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	477216	63.490	ng	99
3) Pyridine	3.625	79	1369619	64.099	ng	99
4) n-Nitrosodimethylamine	3.543	42	538920	62.930	ng	96
6) Aniline	7.019	93	1904638	62.886	ng	99
8) 2-Chlorophenol	7.255	128	1304563	66.075	ng	99
9) Benzaldehyde	6.831	77	702436	59.544	ng	99
10) Phenol	6.884	94	1609307	63.877	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	1252563	62.998	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1421445	62.690	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1441195	62.866	ng	99
14) 1,2-Dichlorobenzene	8.031	146	1368134	62.542	ng	98
15) Benzyl Alcohol	7.913	79	1040602	63.606	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1838598	61.185	ng	99
17) 2-Methylphenol	8.113	107	1068062	64.741	ng	99
18) Hexachloroethane	8.754	117	501286	63.902	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	904719	64.223	ng	97
20) 3+4-Methylphenols	8.437	107	1452480	63.287	ng	99
22) Acetophenone	8.490	105	1872894	62.324	ng	# 99
24) Nitrobenzene	8.866	77	1321111	65.646	ng	99
25) Isophorone	9.384	82	2601391	63.763	ng	99
27) 2,4-Dimethylphenol	9.625	122	1124076	65.520	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1608539	62.561	ng	99
29) 2,4-Dichlorophenol	10.096	162	1213575	66.994	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	1238545	62.905	ng	98
31) Naphthalene	10.501	128	4053338	62.555	ng	100
32) Benzoic acid	9.766	122	733177	63.317	ng	97
33) 4-Chloroaniline	10.601	127	1586613	63.721	ng	99
34) Hexachlorobutadiene	10.790	225	792964	63.376	ng	99
35) Caprolactam	11.372	113	414253	65.121	ng	93
36) 4-Chloro-3-methylphenol	11.725	107	1268077	66.778	ng	100
37) 2-Methylnaphthalene	12.113	142	2826130	62.316	ng	100
38) 1-Methylnaphthalene	12.337	142	2744994	62.303	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1452519	63.152	ng	100
41) Hexachlorocyclopentadiene	12.478	237	577139	68.581	ng	97
43) 2,4,6-Trichlorophenol	12.731	196	947367	69.685	ng	99
44) 2,4,5-Trichlorophenol	12.795	196	1042039	67.173	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026034.D
Acq On : 29 Oct 2025 13:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

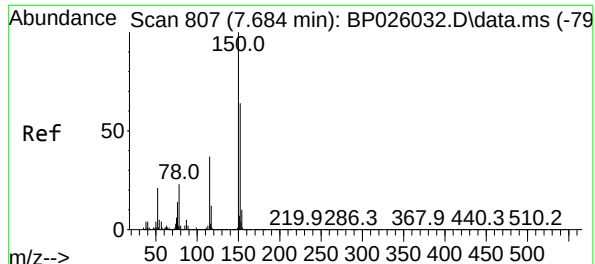
Quant Time: Oct 29 18:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.137	154	3519299	62.090	ng	100
47) 2-Chloronaphthalene	13.178	162	2781932	62.380	ng	98
48) 2-Nitroaniline	13.378	65	737734	64.505	ng	98
49) Acenaphthylene	14.037	152	4167114	64.110	ng	100
50) Dimethylphthalate	13.778	163	3449991	64.073	ng	100
51) 2,6-Dinitrotoluene	13.878	165	652327	64.811	ng	99
52) Acenaphthene	14.389	154	2837620	63.592	ng	99
53) 3-Nitroaniline	14.213	138	780369	63.434	ng	99
54) 2,4-Dinitrophenol	14.425	184	274254	63.744	ng	95
55) Dibenzofuran	14.725	168	4183126	62.047	ng	100
56) 4-Nitrophenol	14.525	139	688114	64.089	ng	99
57) 2,4-Dinitrotoluene	14.684	165	961200	65.768	ng	95
58) Fluorene	15.383	166	3313648	62.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	858179	70.360	ng	100
60) Diethylphthalate	15.172	149	3534128	65.288	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1640879	62.210	ng	99
62) 4-Nitroaniline	15.401	138	817496	71.051	ng	99
63) Azobenzene	15.689	77	3079138	62.764	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	420911	64.124	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2901612	63.193	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	1043905	64.082	ng	98
68) Hexachlorobenzene	16.419	284	1180264	63.645	ng	100
69) Atrazine	16.595	200	1050788	67.838	ng	98
70) Pentachlorophenol	16.760	266	783472	69.166	ng	99
71) Phenanthrene	17.172	178	5263383	61.576	ng	99
72) Anthracene	17.266	178	5375909	63.447	ng	100
73) Carbazole	17.542	167	5059908	63.086	ng	100
74) Di-n-butylphthalate	18.154	149	6072603	67.663	ng	100
75) Fluoranthene	19.266	202	6263426	62.816	ng	99
77) Benzidine	19.454	184	2726283	70.680	ng	100
78) Pyrene	19.648	202	6521771	63.454	ng	99
80) Butylbenzylphthalate	20.613	149	2549176	65.127	ng	97
81) Benzo(a)anthracene	21.566	228	6577757	62.991	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2266707	67.371	ng	100
83) Chrysene	21.630	228	6150315	62.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	3949393	62.903	ng	99
85) Di-n-octyl phthalate	22.807	149	6415656	70.922	ng	99
87) Indeno(1,2,3-cd)pyrene	28.665	276	8109098	66.237	ng	99
88) Benzo(b)fluoranthene	23.848	252	6695122	65.011	ng	100
89) Benzo(k)fluoranthene	23.912	252	6702900	63.737	ng	99
90) Benzo(a)pyrene	24.736	252	6233786	65.888	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	6571045	65.929	ng	100
92) Benzo(g,h,i)perylene	29.830	276	6265775	65.331	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

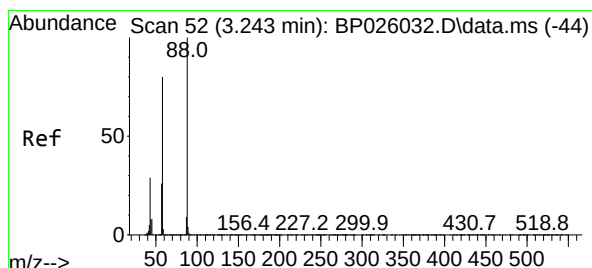
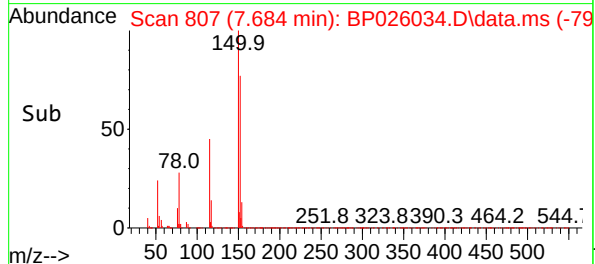
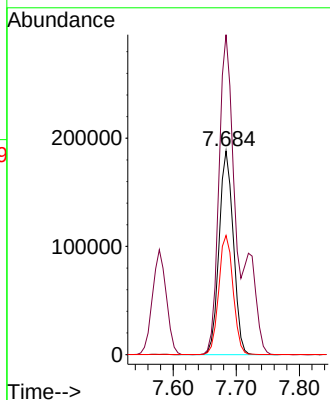
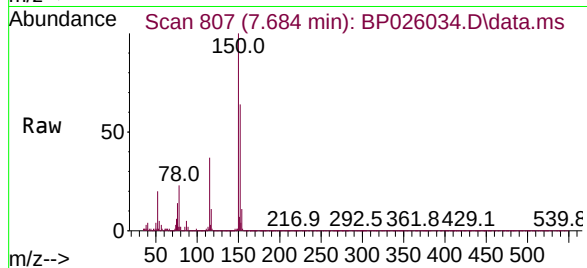
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- 15
- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

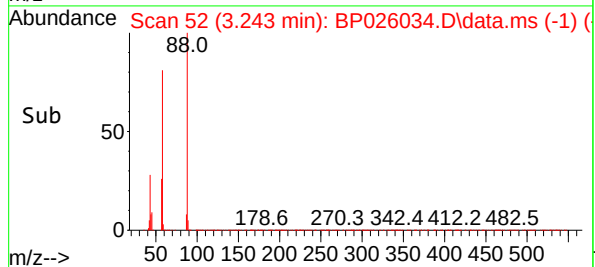
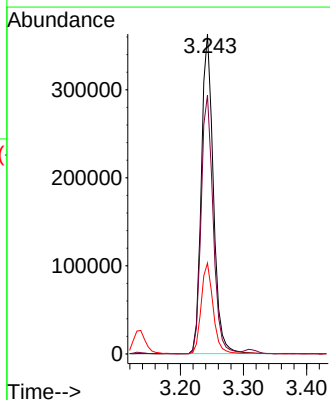
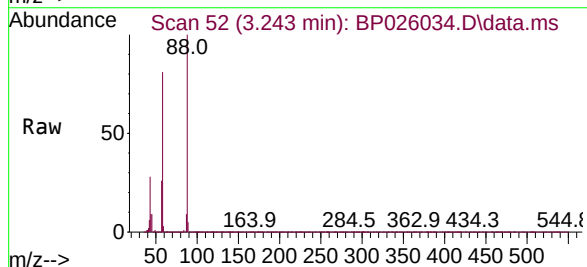
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

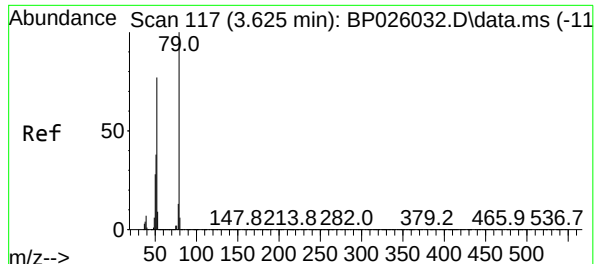
Tgt Ion:152 Resp: 294204
Ion Ratio Lower Upper
152 100
150 157.2 125.7 188.5
115 58.6 46.4 69.6



#2
1,4-Dioxane
Concen: 63.490 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 88 Resp: 477216
Ion Ratio Lower Upper
88 100
58 81.2 65.4 98.0
43 28.2 23.1 34.7





#3

Pyridine

Concen: 64.099 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

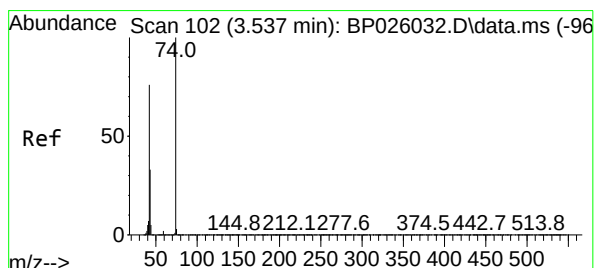
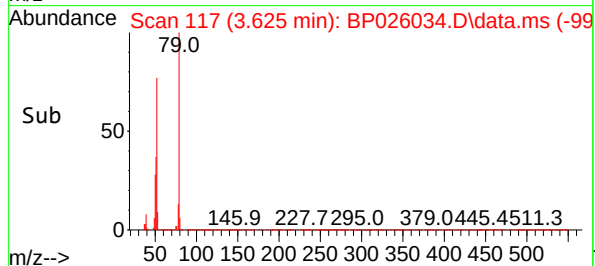
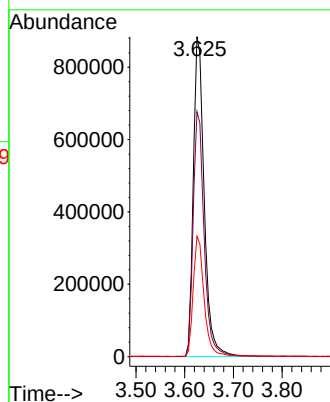
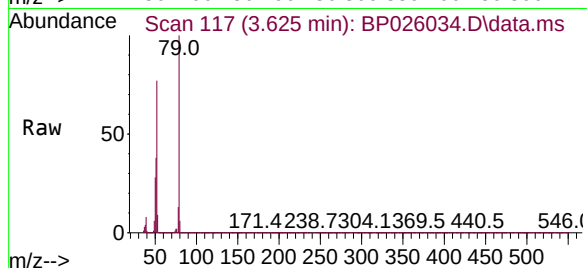
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1369619

Ion	Ratio	Lower	Upper
79	100		
52	76.5	62.0	93.0
51	37.6	30.6	46.0



#4

n-Nitrosodimethylamine

Concen: 62.930 ng

RT: 3.543 min Scan# 103

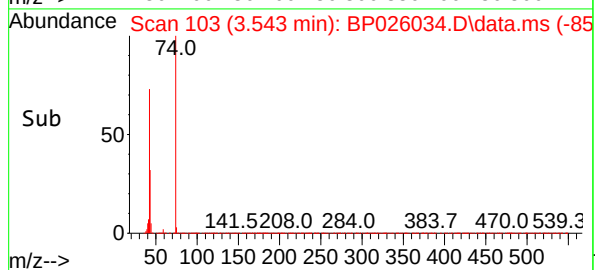
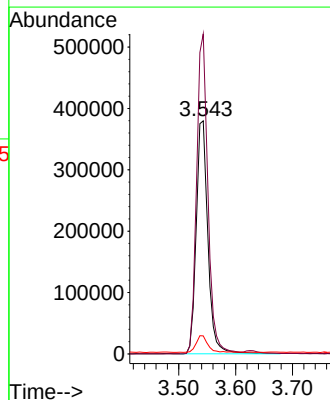
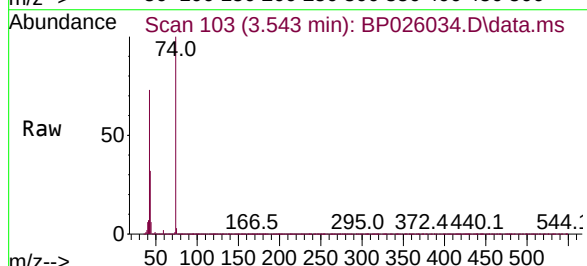
Delta R.T. 0.006 min

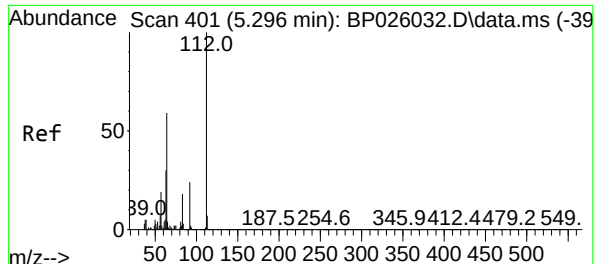
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 42 Resp: 538920

Ion	Ratio	Lower	Upper
42	100		
74	137.3	105.7	158.5
44	7.7	6.6	9.8

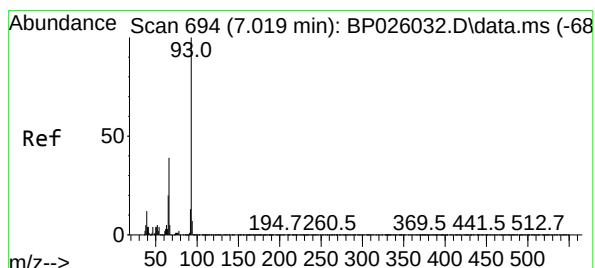
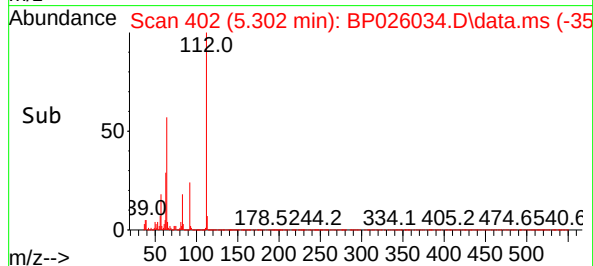
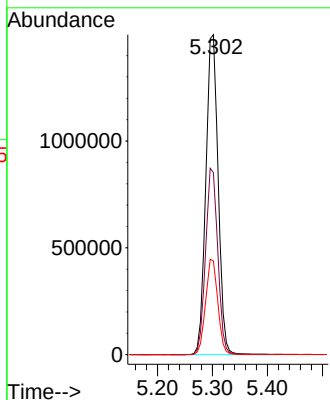
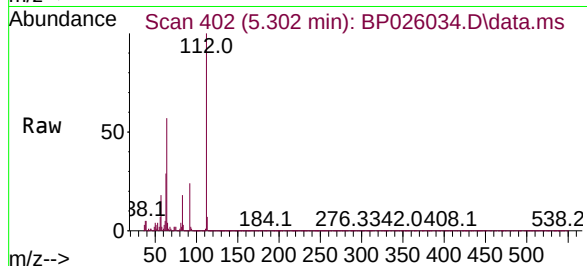




#5
2-Fluorophenol
Concen: 130.467 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

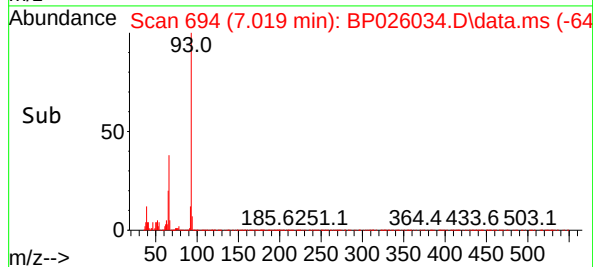
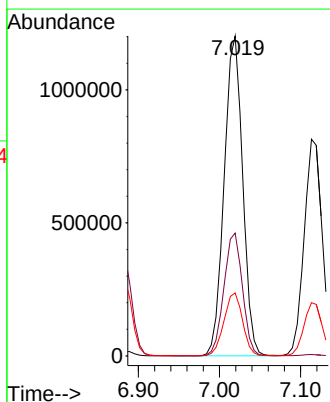
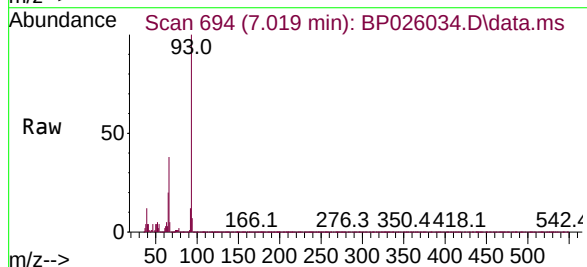
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

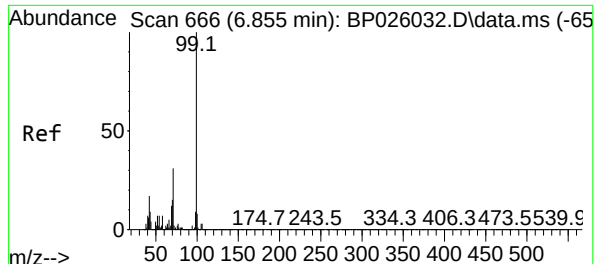
Tgt Ion:112 Resp: 2326169
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 29.3 24.2 36.4



#6
Aniline
Concen: 62.886 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 93 Resp: 1904638
Ion Ratio Lower Upper
93 100
66 38.4 31.2 46.8
65 19.7 16.1 24.1

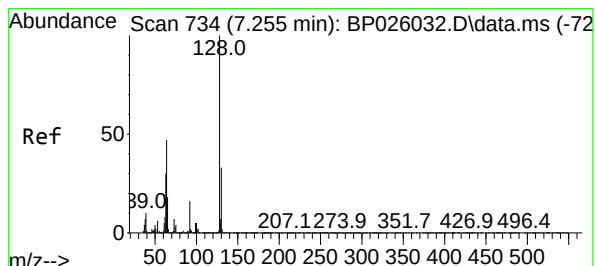
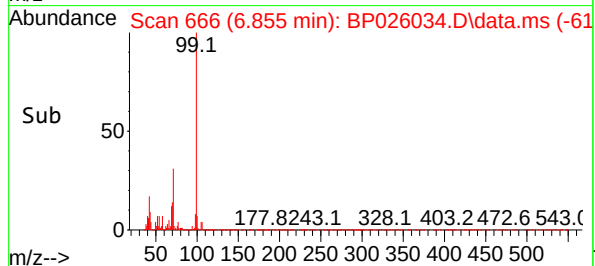
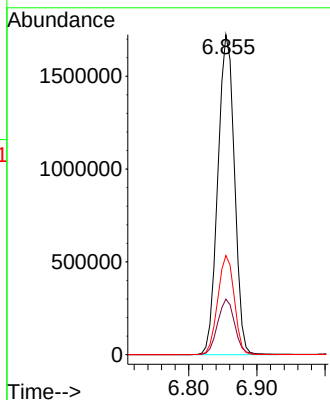
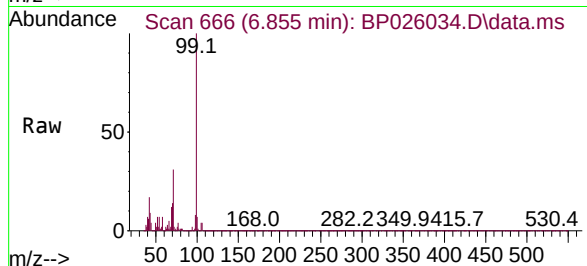




#7
Phenol-d6
Concen: 127.851 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

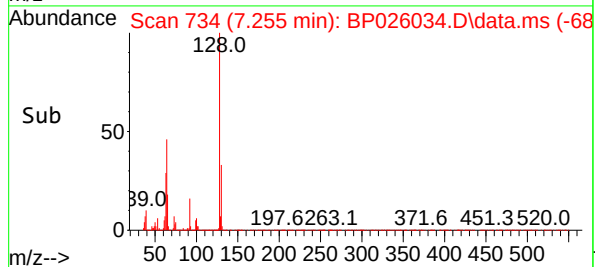
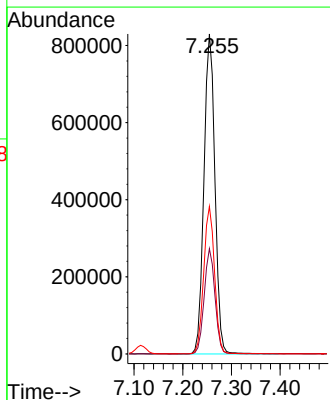
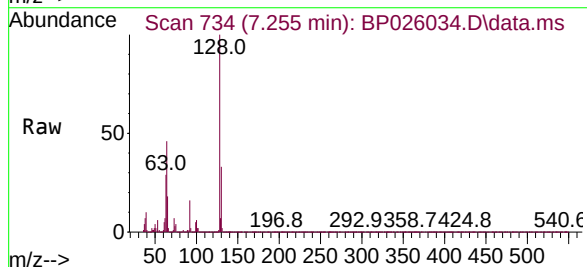
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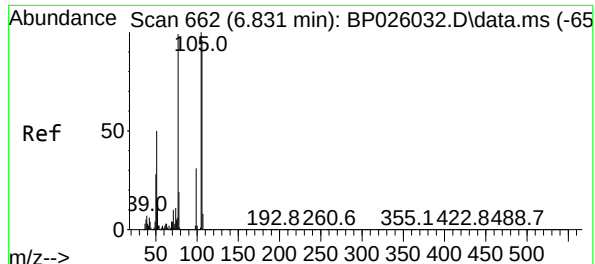
Tgt Ion: 99 Resp: 2901394
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 31.0 24.4 36.6



#8
2-Chlorophenol
Concen: 66.075 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 128 Resp: 1304563
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 46.1 27.4 67.4





#9

Benzaldehyde

Concen: 59.544 ng

RT: 6.831 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

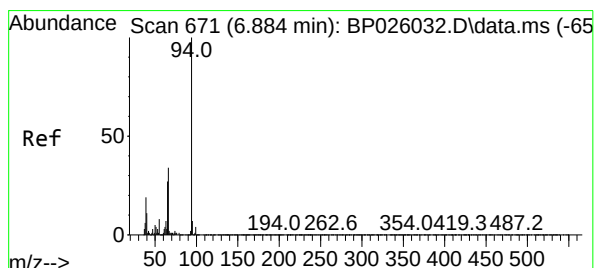
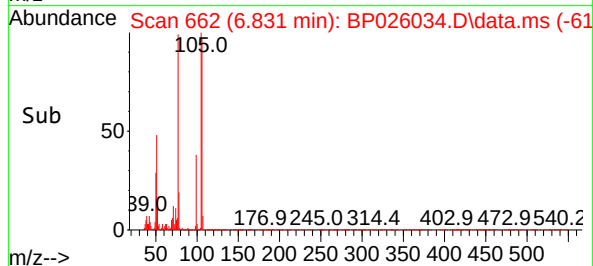
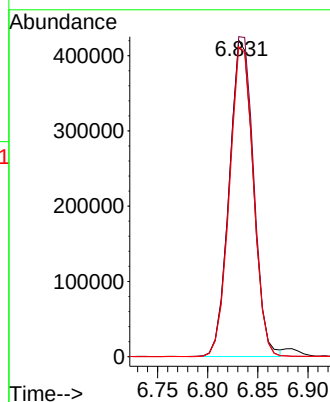
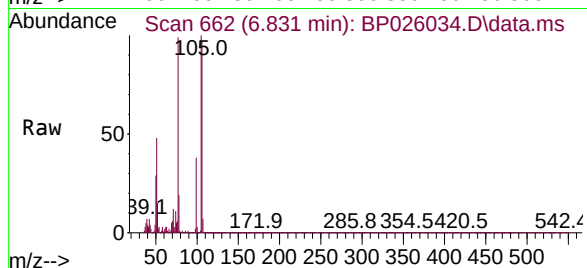
Tgt Ion: 77 Resp: 702436

Ion Ratio Lower Upper

77 100

105 101.2 80.7 120.7

106 97.9 76.5 116.5



#10

Phenol

Concen: 63.877 ng

RT: 6.884 min Scan# 671

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

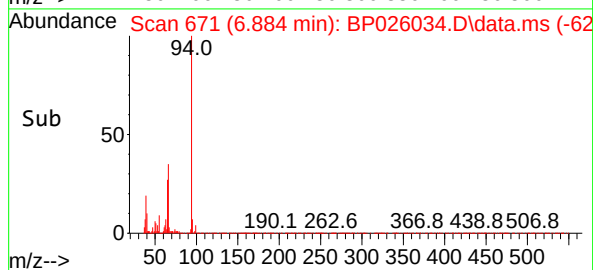
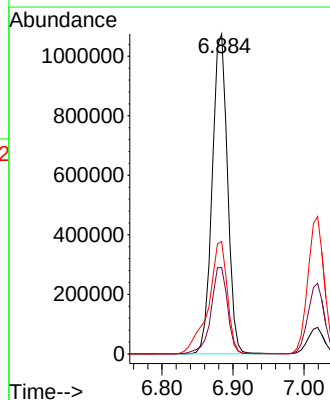
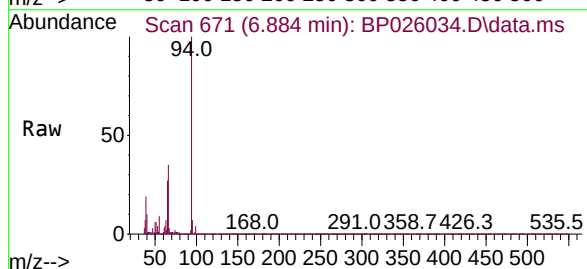
Tgt Ion: 94 Resp: 1609307

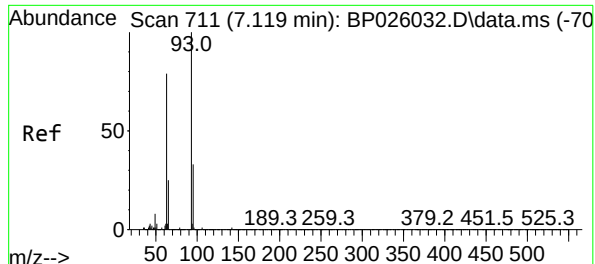
Ion Ratio Lower Upper

94 100

65 27.0 7.1 47.1

66 35.1 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 62.998 ng

RT: 7.113 min Scan# 711

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

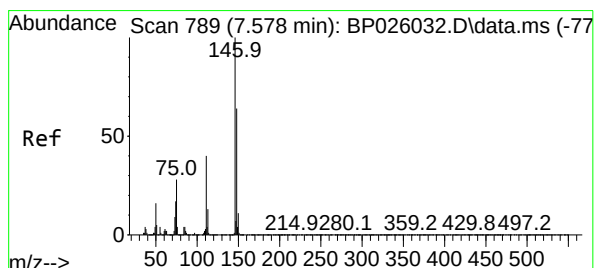
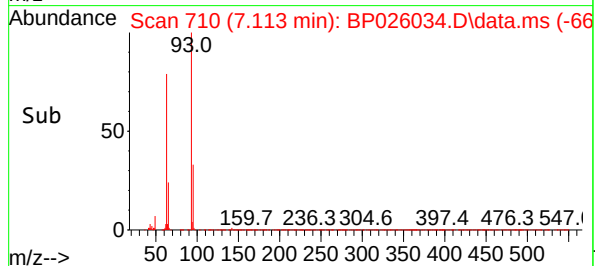
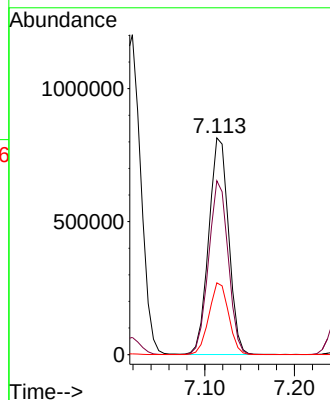
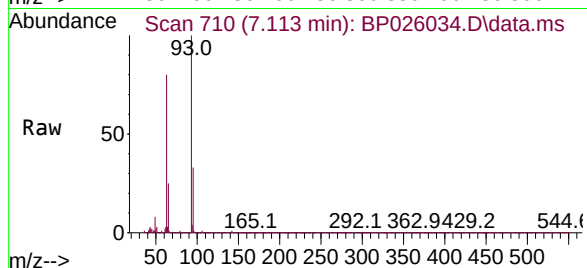
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 1252563

Ion	Ratio	Lower	Upper
93	100		
63	80.2	59.1	99.1
95	33.1	12.6	52.6



#12

1,3-Dichlorobenzene

Concen: 62.690 ng

RT: 7.578 min Scan# 789

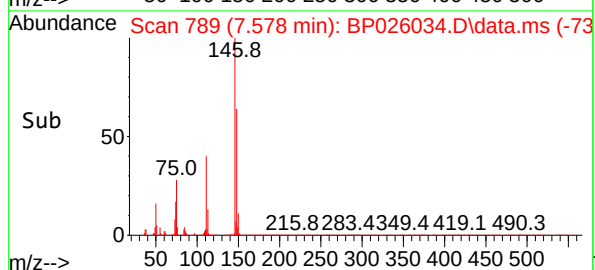
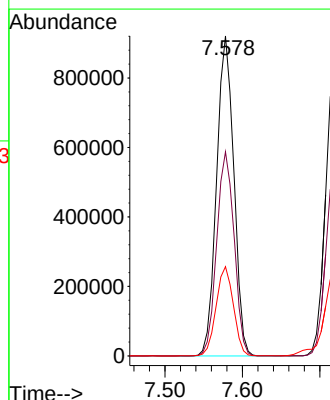
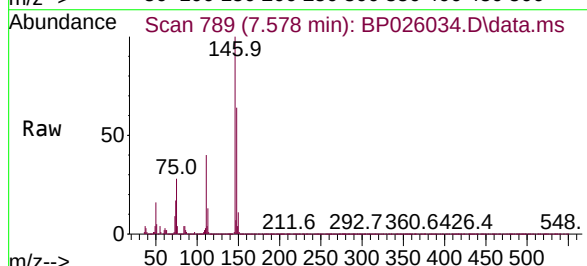
Delta R.T. 0.000 min

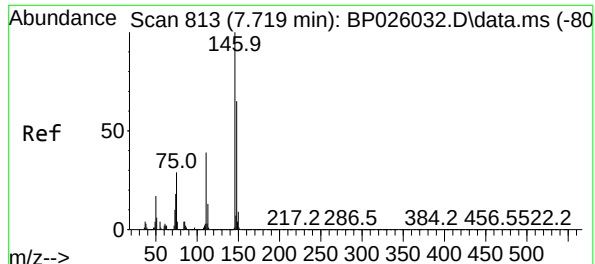
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 146 Resp: 1421445

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	27.9	22.6	33.8





#13

1,4-Dichlorobenzene

Concen: 62.866 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

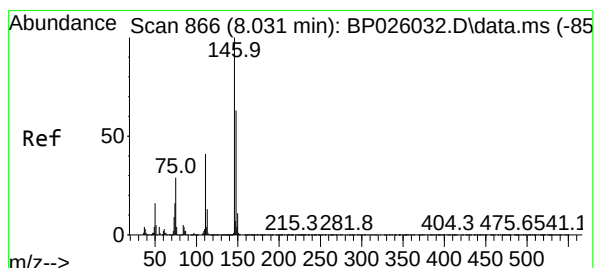
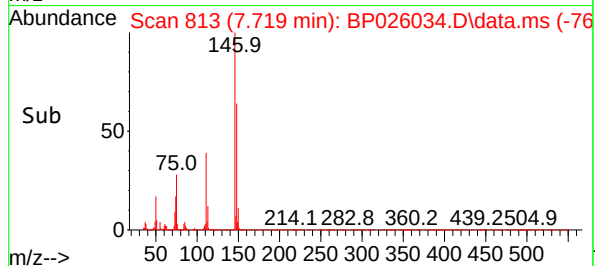
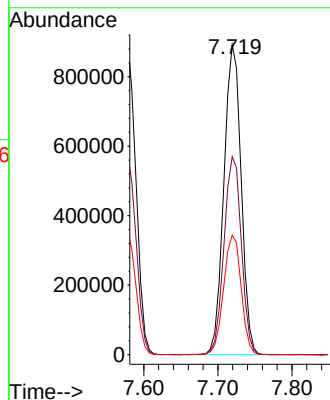
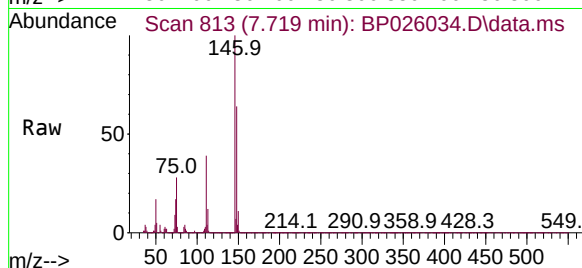
Tgt Ion:146 Resp: 1441195

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 38.6 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 62.542 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

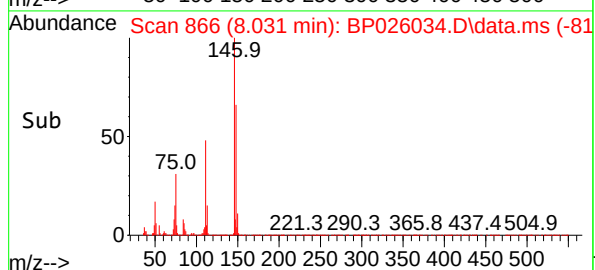
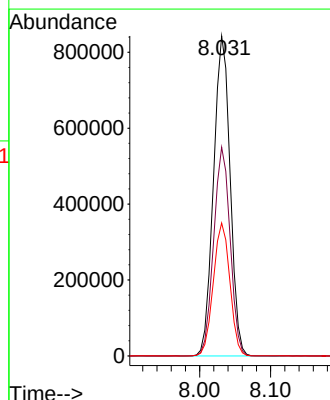
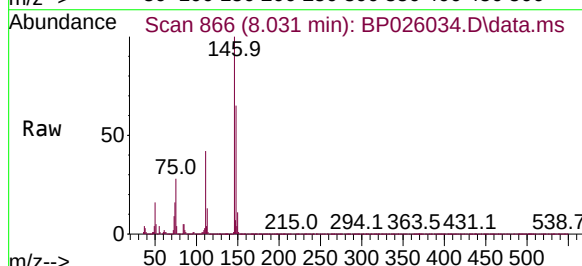
Tgt Ion:146 Resp: 1368134

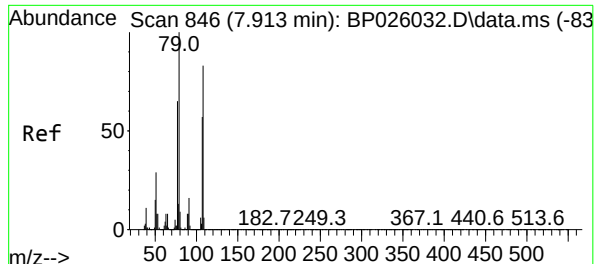
Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

111 41.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 63.606 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

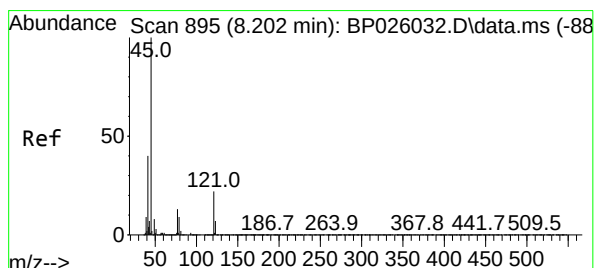
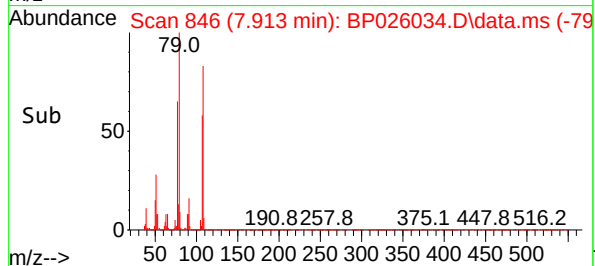
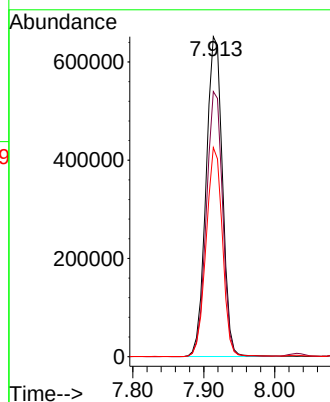
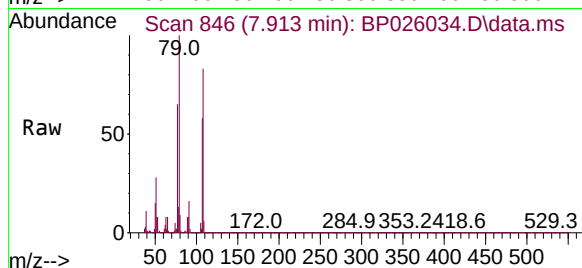
Tgt Ion: 79 Resp: 1040602

Ion Ratio Lower Upper

79 100

108 82.8 66.0 99.0

77 65.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.185 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

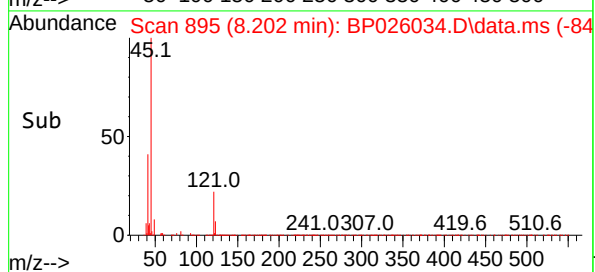
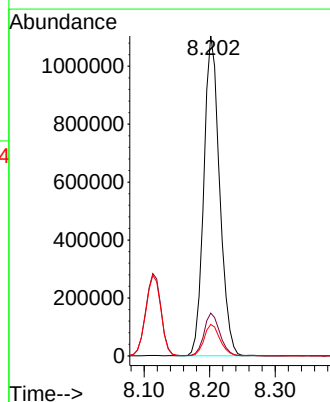
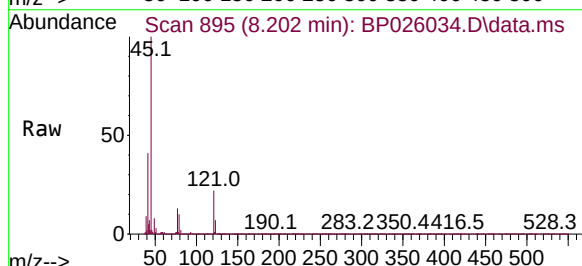
Tgt Ion: 45 Resp: 1838598

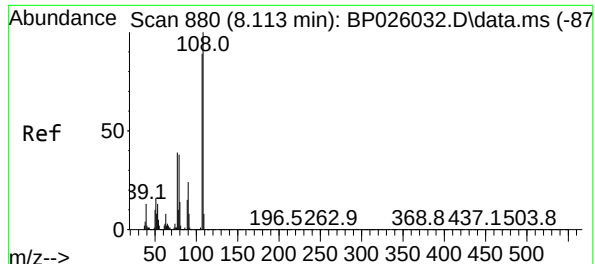
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

79 9.8 0.0 29.5





#17

2-Methylphenol

Concen: 64.741 ng

RT: 8.113 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 1068062

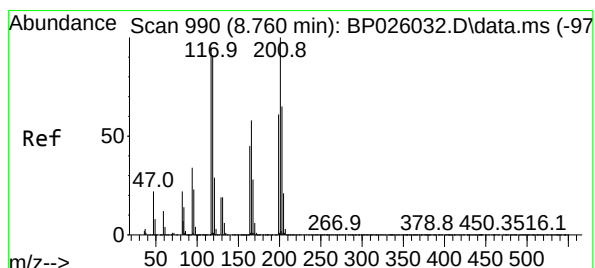
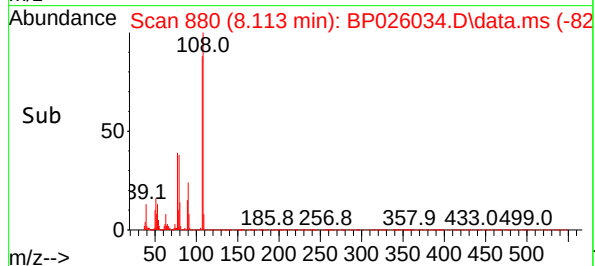
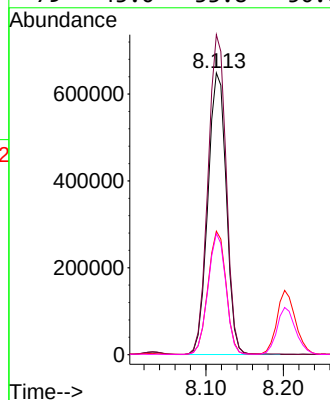
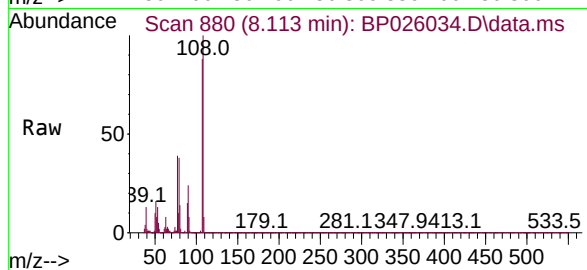
Ion Ratio Lower Upper

107 100

108 113.6 89.8 134.8

77 43.8 34.8 52.2

79 43.0 33.8 50.6



#18

Hexachloroethane

Concen: 63.902 ng

RT: 8.754 min Scan# 989

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

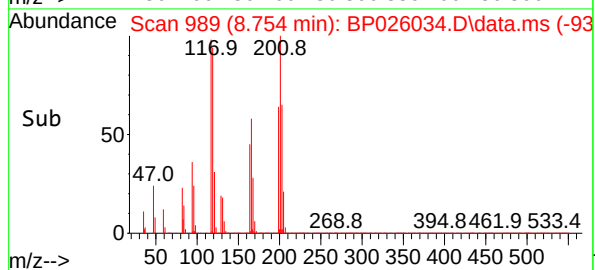
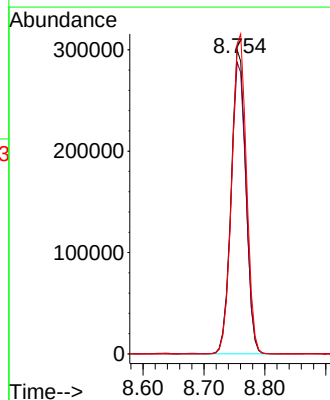
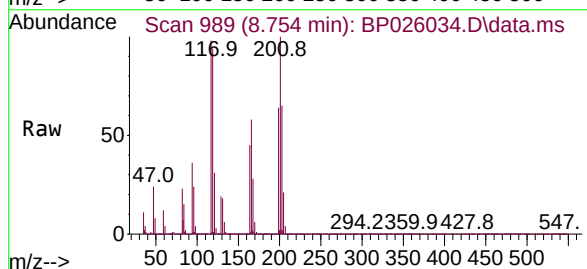
Tgt Ion:117 Resp: 501286

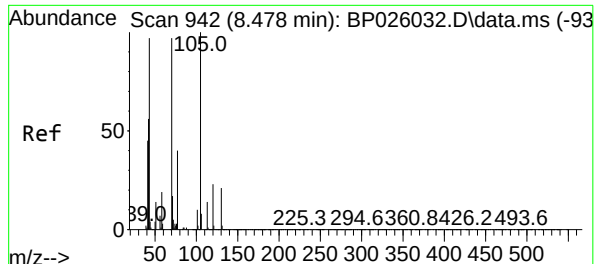
Ion Ratio Lower Upper

117 100

119 95.9 76.5 114.7

201 102.0 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 64.223 ng

RT: 8.484 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 904719

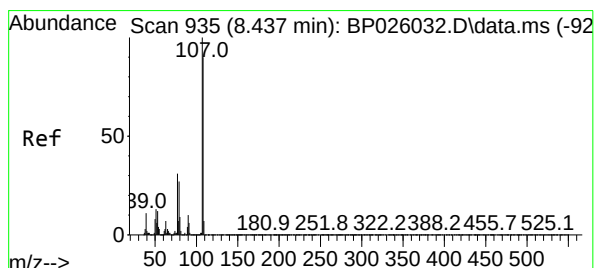
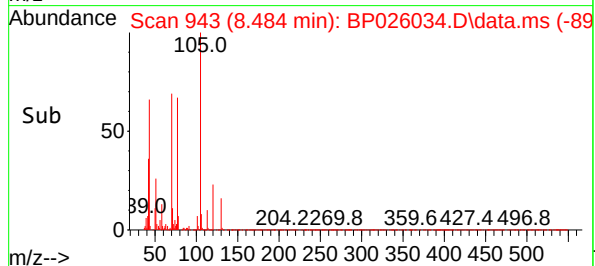
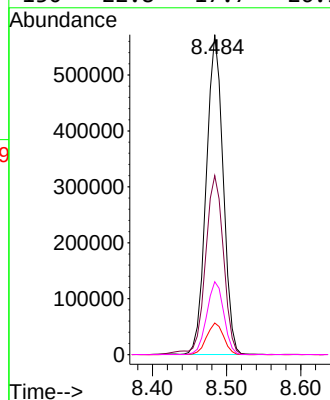
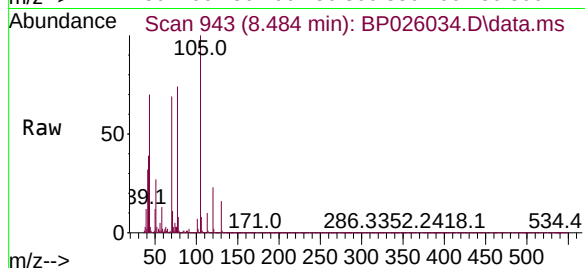
Ion Ratio Lower Upper

70 100

42 55.9 47.2 70.8

101 9.9 8.2 12.2

130 22.8 17.7 26.5



#20

3+4-Methylphenols

Concen: 63.287 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:107 Resp: 1452480

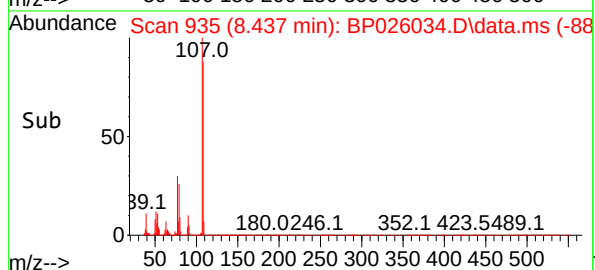
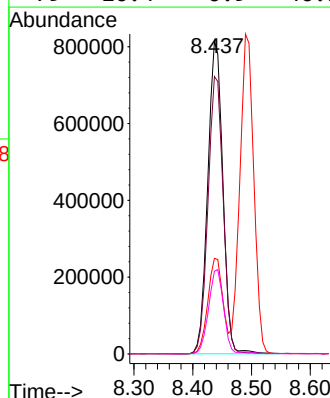
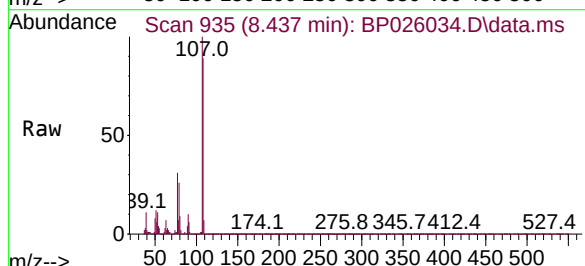
Ion Ratio Lower Upper

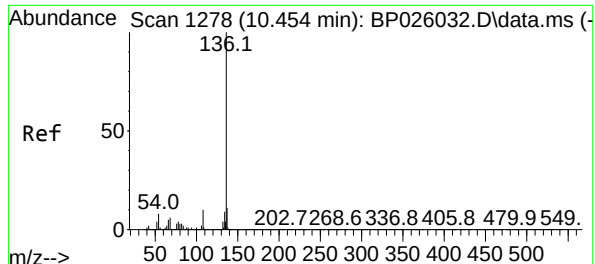
107 100

108 88.7 70.1 110.1

77 30.6 10.7 50.7

79 26.4 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.448 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDIC060

Tgt Ion:136 Resp: 1188234

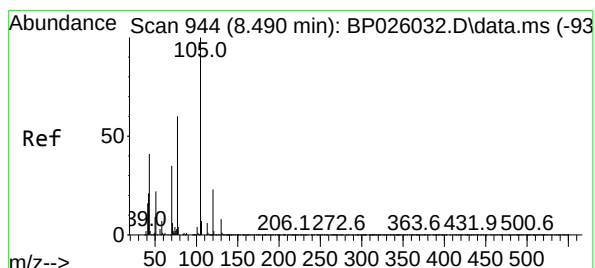
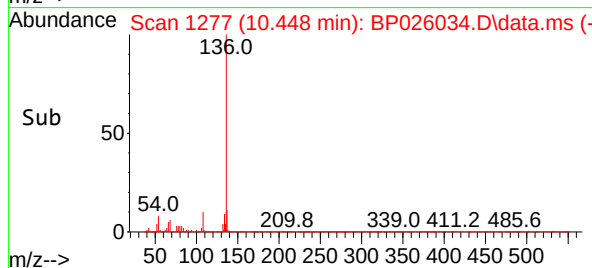
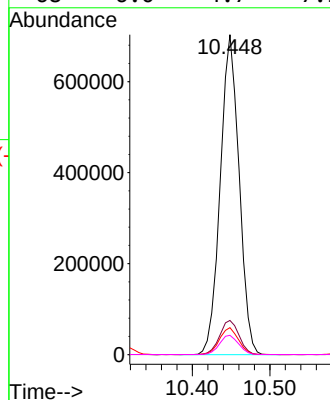
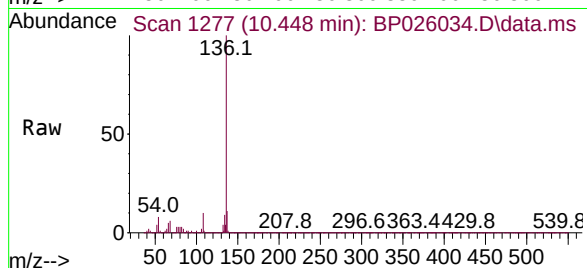
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.4 6.6 10.0

68 6.0 4.7 7.1



#22

Acetophenone

Concen: 62.324 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:105 Resp: 1872894

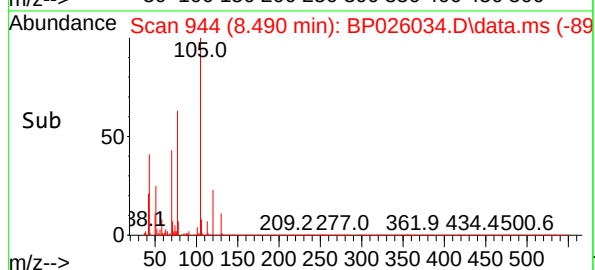
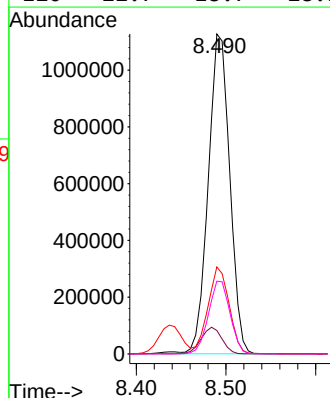
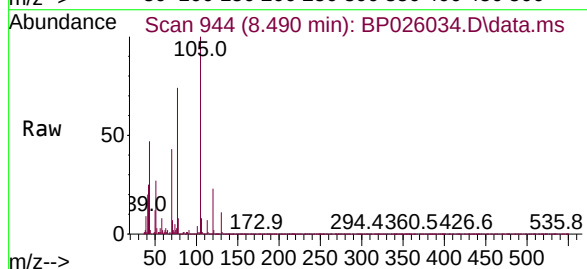
Ion Ratio Lower Upper

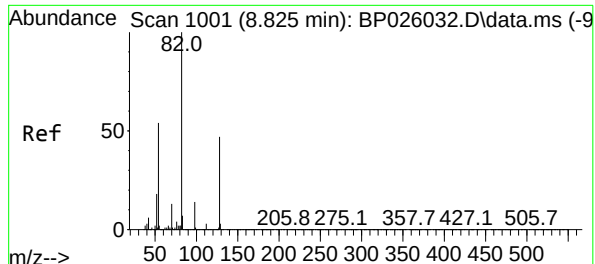
105 100

71 7.3 4.7 7.1#

51 27.2 21.8 32.8

120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 134.112 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

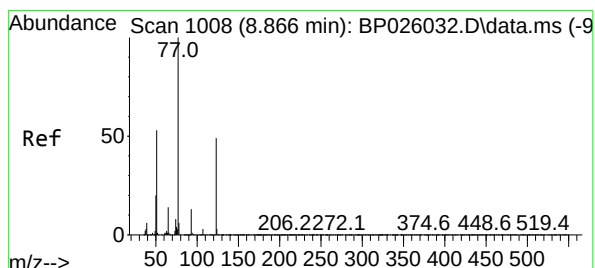
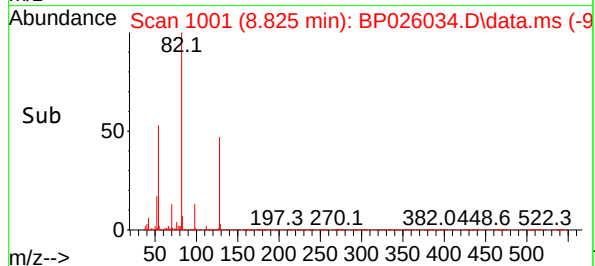
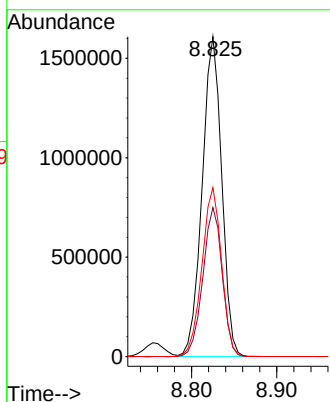
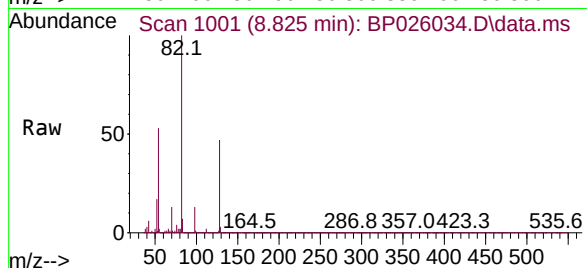
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2556249

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	52.8	42.7	64.1



#24

Nitrobenzene

Concen: 65.646 ng

RT: 8.866 min Scan# 1008

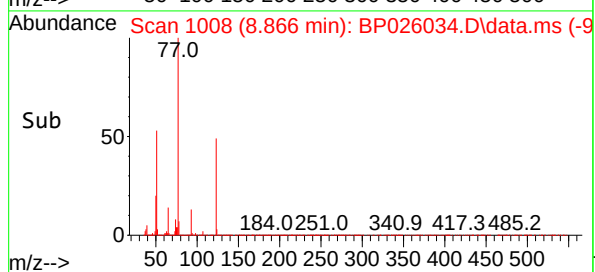
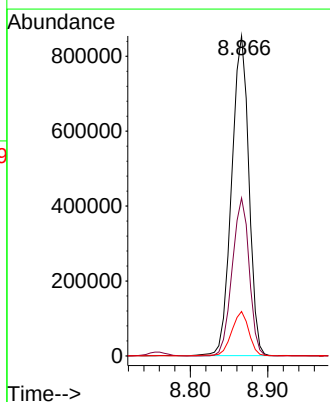
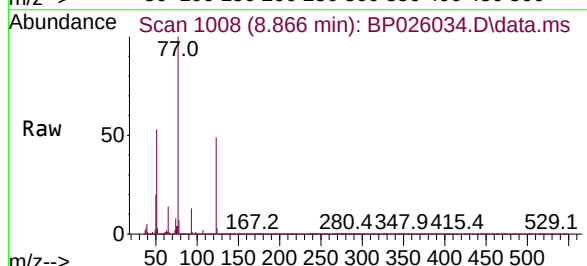
Delta R.T. 0.000 min

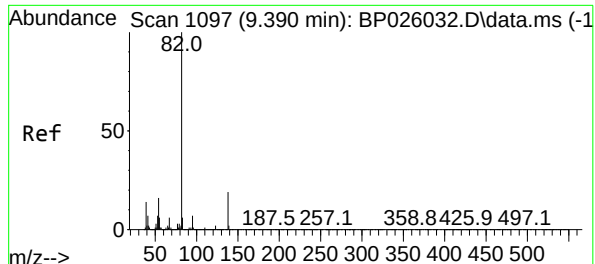
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 1321111

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.0	58.4
65	13.9	10.9	16.3

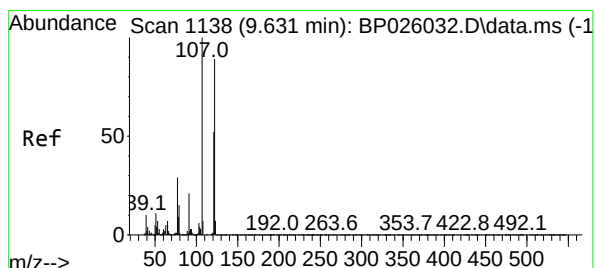
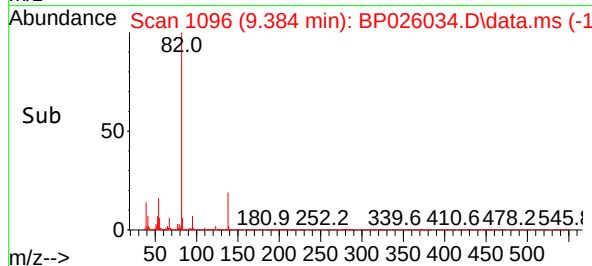
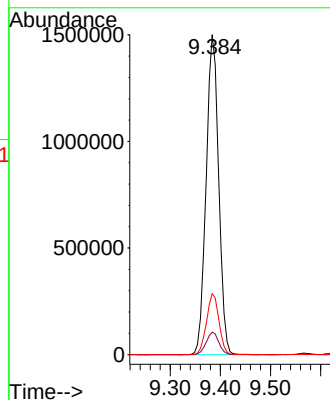
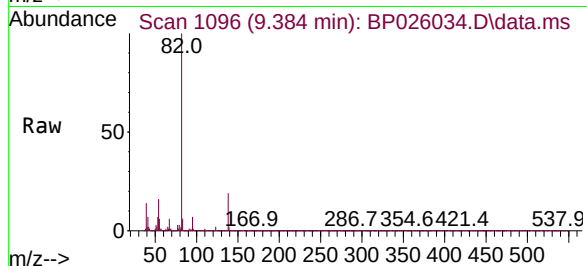




#25
Isophorone
Concen: 63.763 ng
RT: 9.384 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

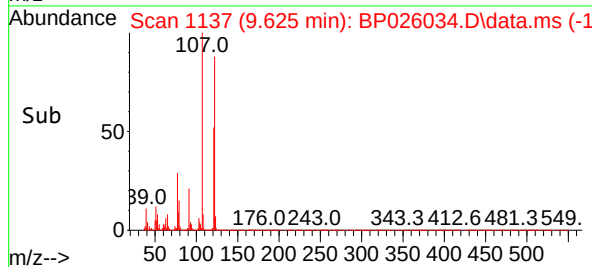
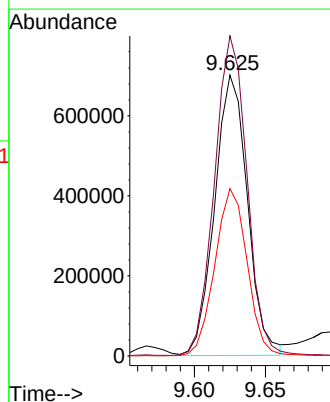
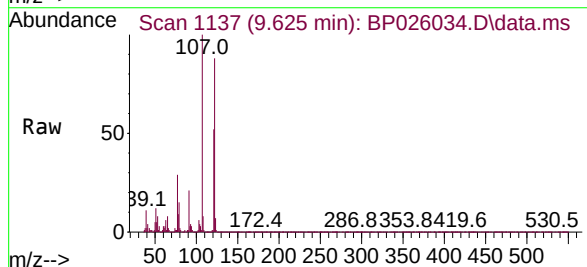
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

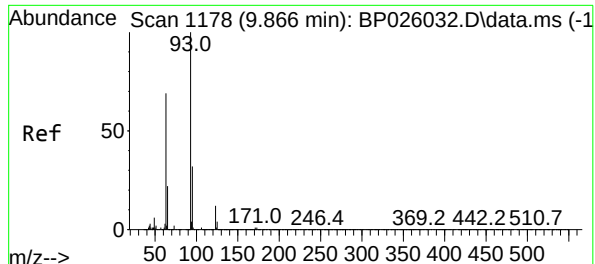
Tgt Ion: 82 Resp: 2601391
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.0 15.0 22.6



#27
2,4-Dimethylphenol
Concen: 65.520 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 122 Resp: 1124076
Ion Ratio Lower Upper
122 100
107 114.0 89.2 133.8
121 59.6 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 62.561 ng

RT: 9.872 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

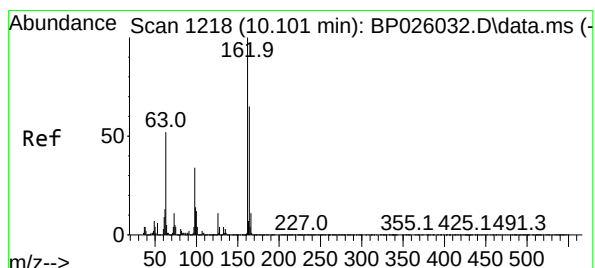
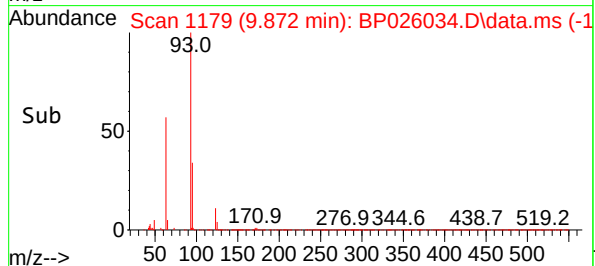
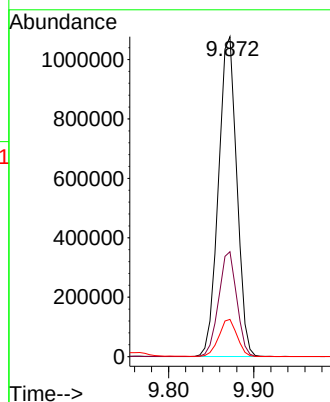
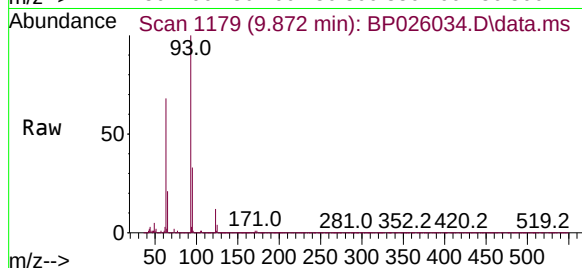
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 1608539

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.6	9.3	13.9



#29

2,4-Dichlorophenol

Concen: 66.994 ng

RT: 10.096 min Scan# 1217

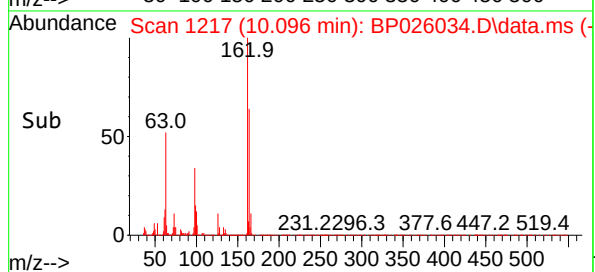
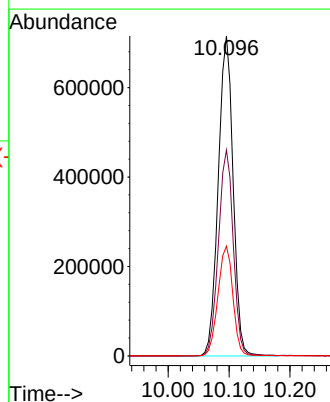
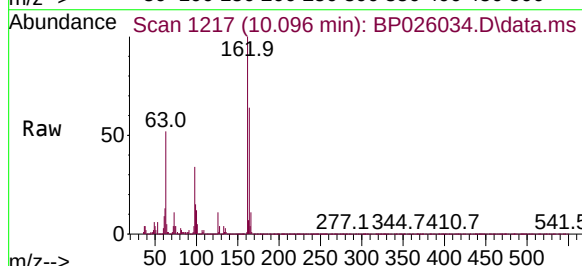
Delta R.T. 0.000 min

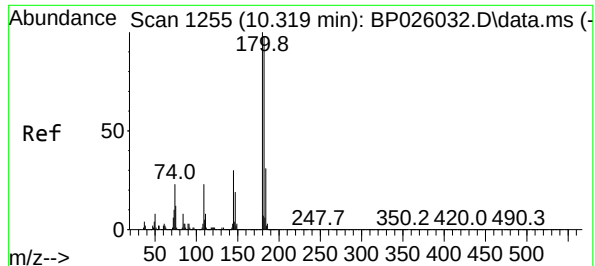
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 162 Resp: 1213575

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	34.3	14.0	54.0





#30

1,2,4-Trichlorobenzene

Concen: 62.905 ng

RT: 10.313 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

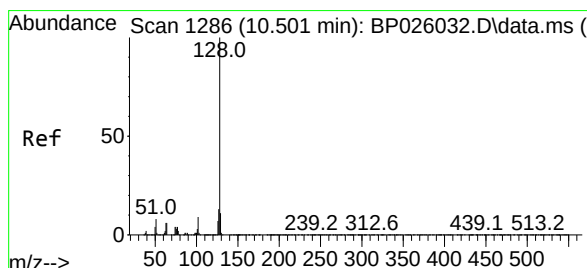
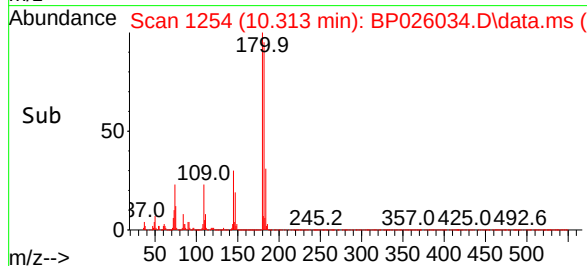
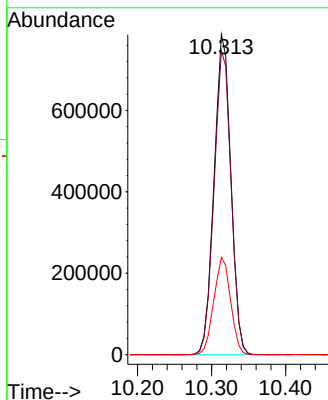
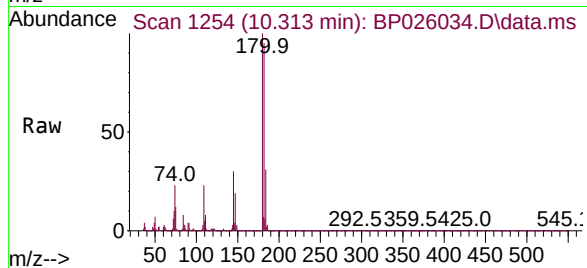
Tgt Ion:180 Resp: 1238545

Ion Ratio Lower Upper

180 100

182 95.0 78.6 117.8

145 30.4 24.2 36.4



#31

Naphthalene

Concen: 62.555 ng

RT: 10.501 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

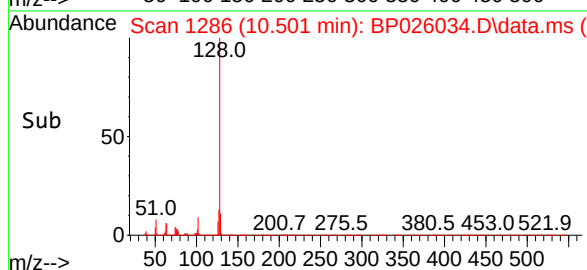
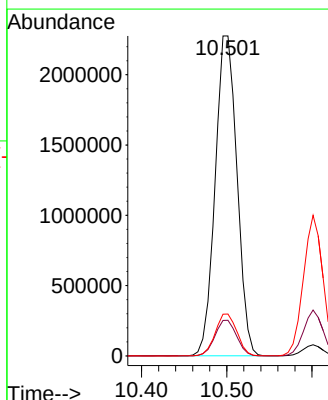
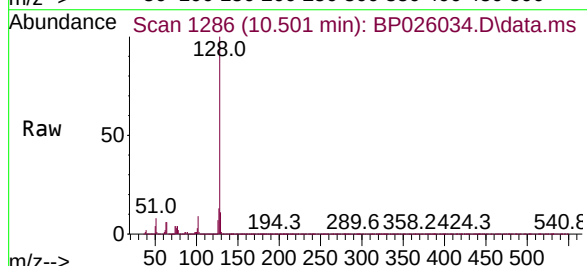
Tgt Ion:128 Resp: 4053338

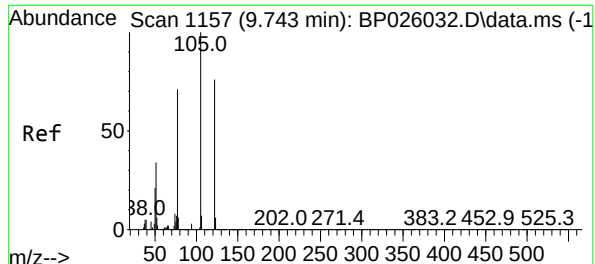
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.1 10.5 15.7

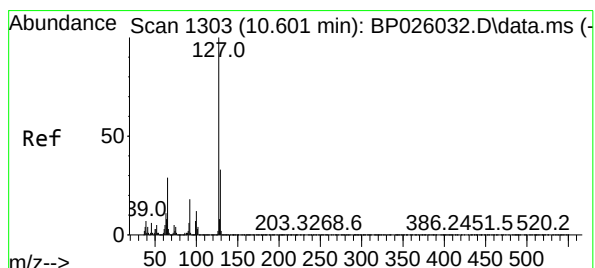
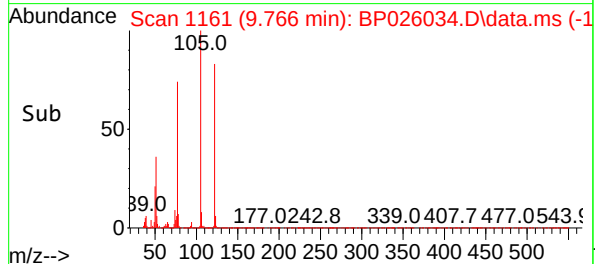
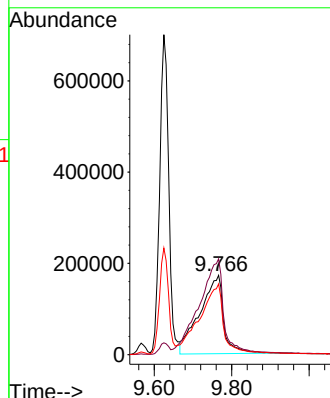
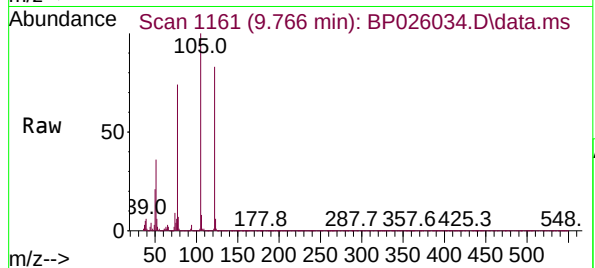




#32
Benzoic acid
Concen: 63.317 ng
RT: 9.766 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

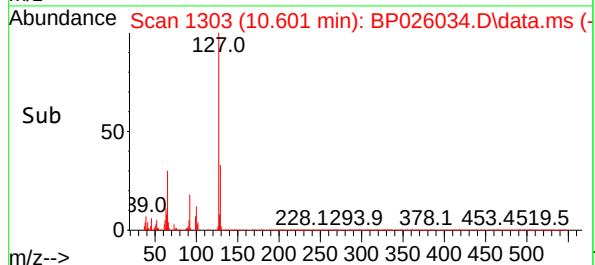
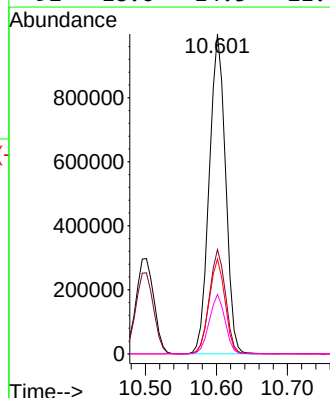
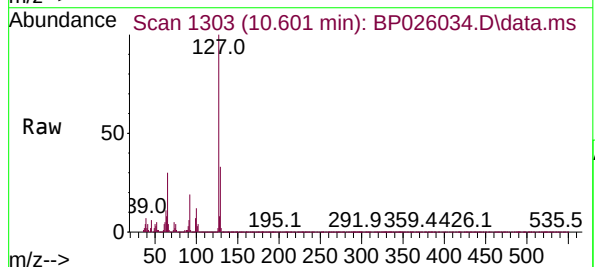
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

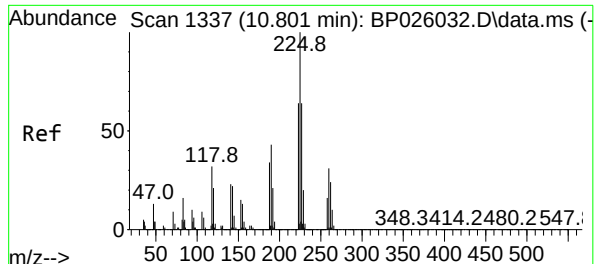
Tgt Ion:122 Resp: 733177
Ion Ratio Lower Upper
122 100
105 120.7 104.8 144.8
77 89.0 70.9 110.9



#33
4-Chloroaniline
Concen: 63.721 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:127 Resp: 1586613
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 29.6 23.2 34.8
92 18.6 14.5 21.7





#34

Hexachlorobutadiene

Concen: 63.376 ng

RT: 10.790 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

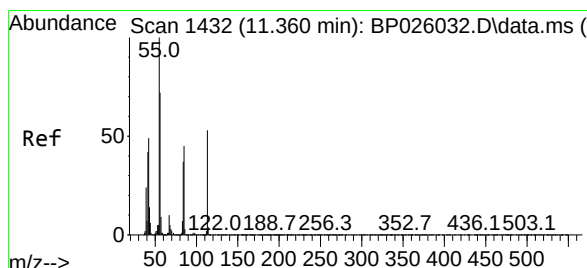
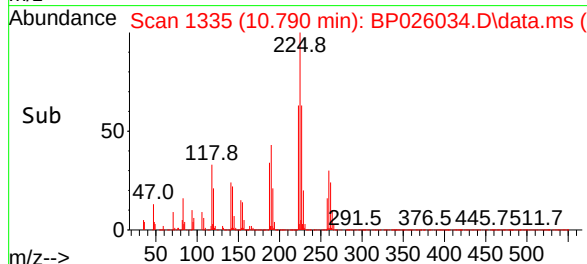
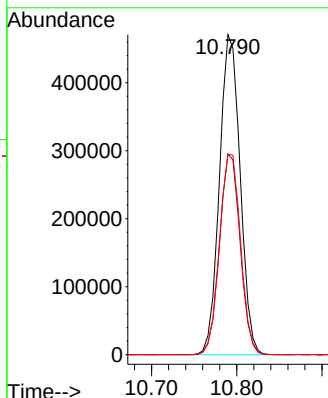
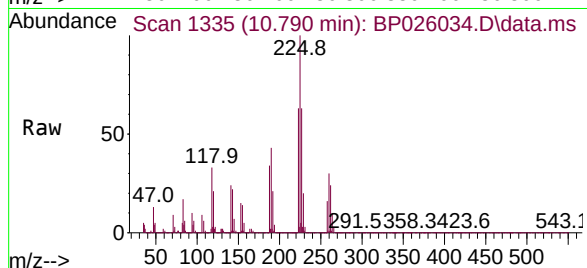
Tgt Ion:225 Resp: 792964

Ion Ratio Lower Upper

225 100

223 62.7 50.9 76.3

227 62.7 51.0 76.4



#35

Caprolactam

Concen: 65.121 ng

RT: 11.372 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

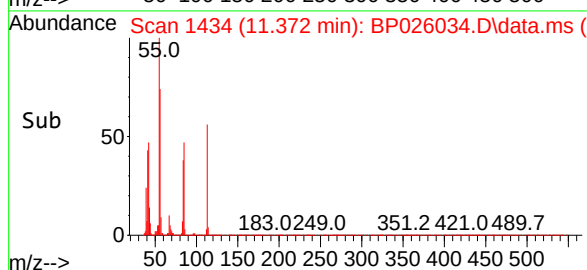
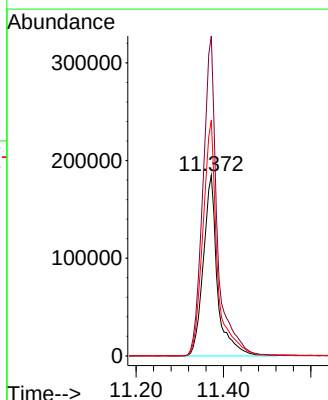
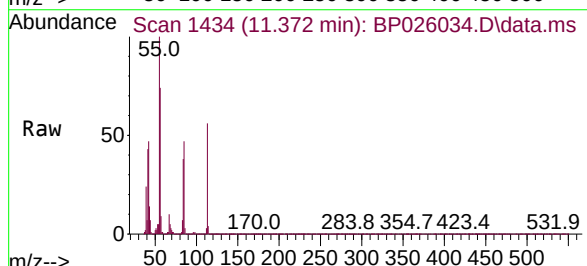
Tgt Ion:113 Resp: 414253

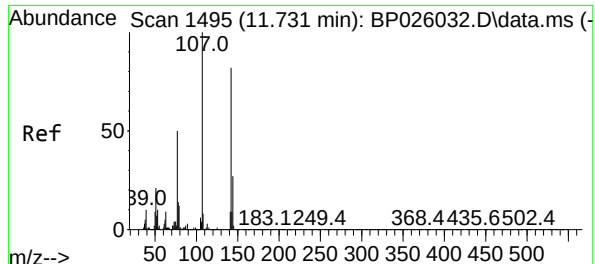
Ion Ratio Lower Upper

113 100

55 177.3 169.9 209.9

56 130.6 116.7 156.7

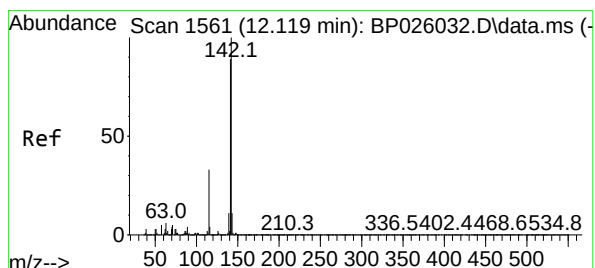
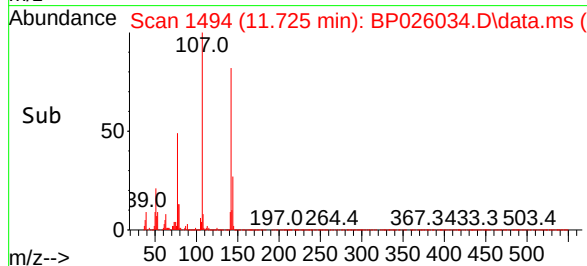
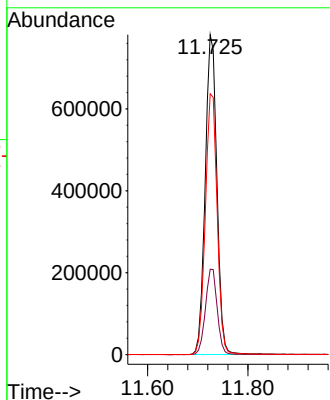
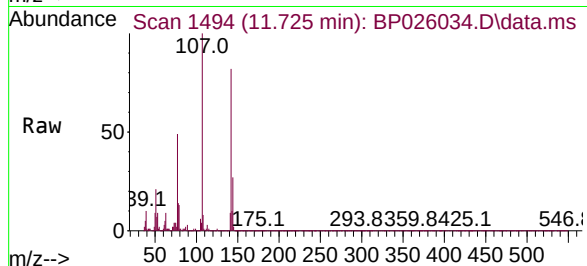




#36
4-Chloro-3-methylphenol
Concen: 66.778 ng
RT: 11.725 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

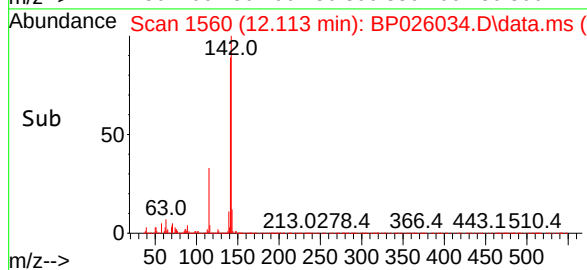
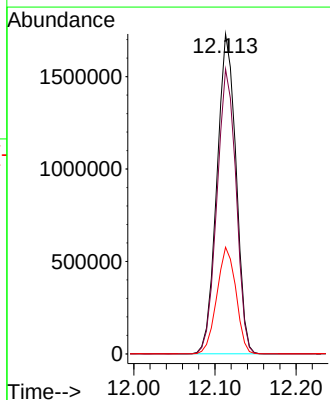
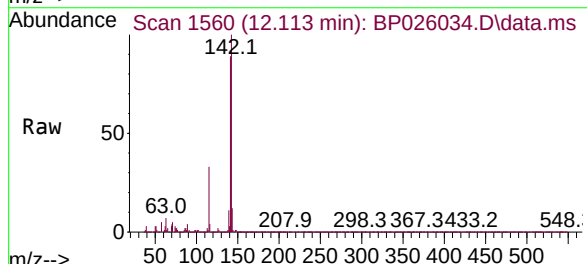
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

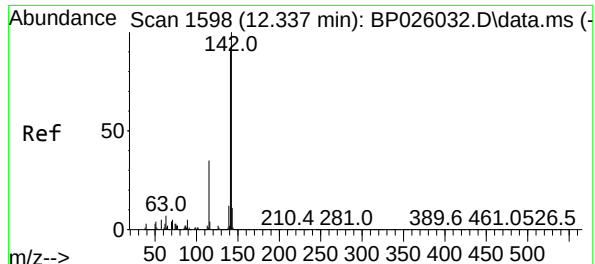
Tgt Ion:107 Resp: 1268077
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 81.5 65.2 97.8



#37
2-Methylnaphthalene
Concen: 62.316 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:142 Resp: 2826130
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 33.3 26.6 39.8





#38

1-Methylnaphthalene

Concen: 62.303 ng

RT: 12.337 min Scan# 1598

Delta R.T. 0.001 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

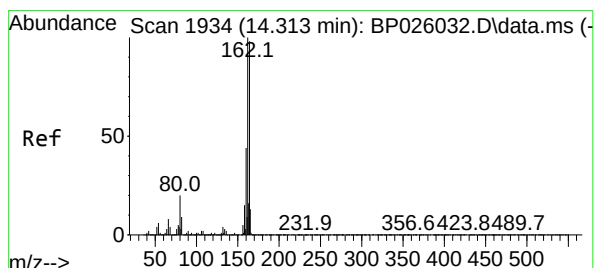
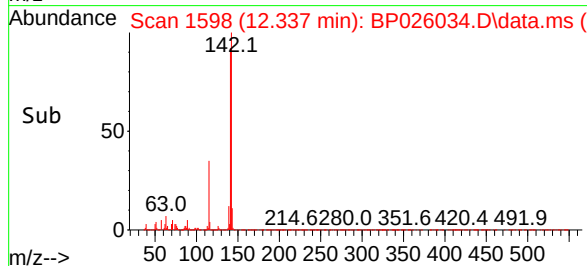
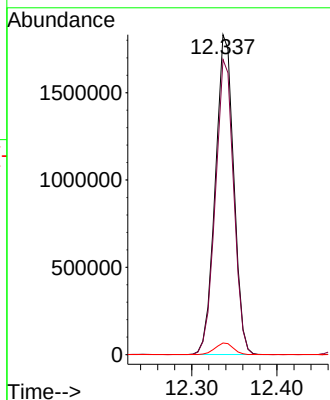
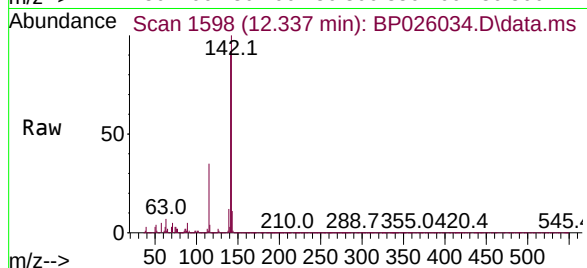
Tgt Ion:142 Resp: 2744994

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1

116 3.6 2.9 4.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

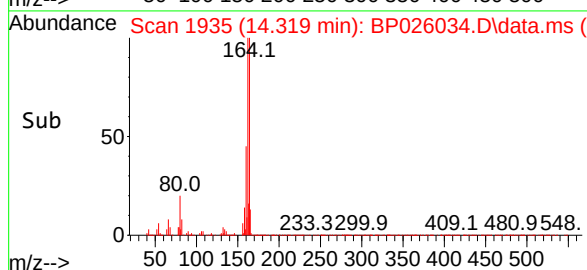
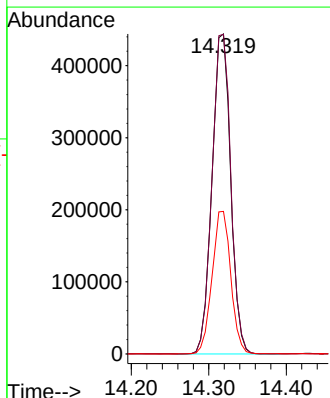
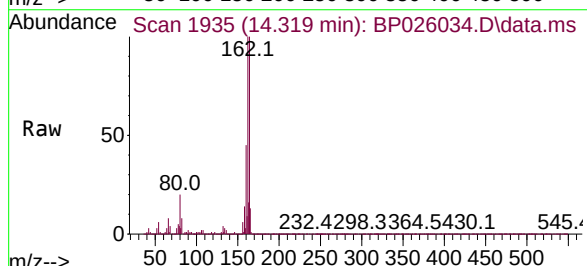
Tgt Ion:164 Resp: 740246

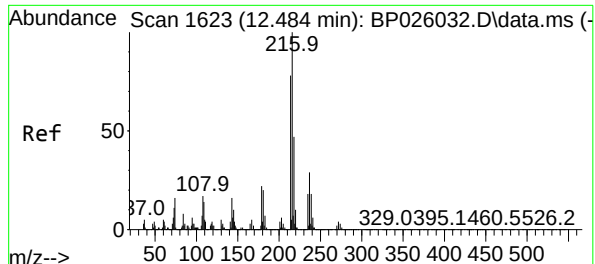
Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.5 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 63.152 ng

RT: 12.490 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 1452519

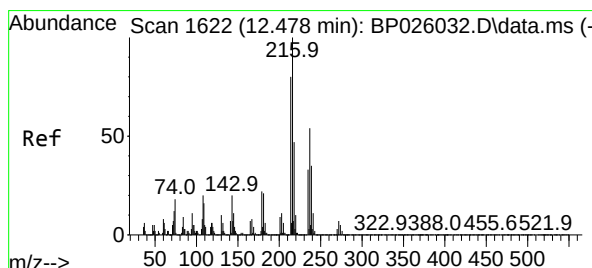
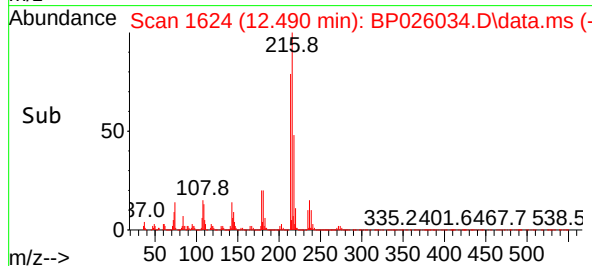
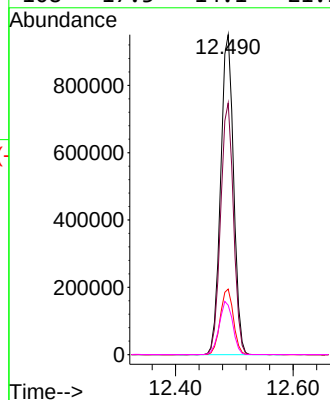
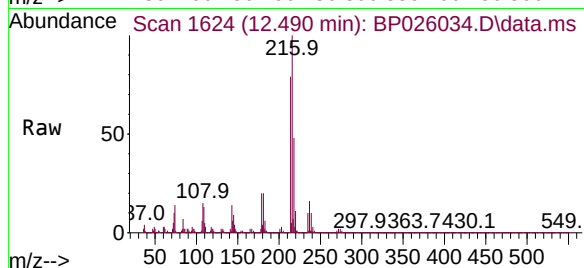
Ion Ratio Lower Upper

216 100

214 78.2 62.9 94.3

179 20.8 16.9 25.3

108 17.3 14.1 21.1



#41

Hexachlorocyclopentadiene

Concen: 68.581 ng

RT: 12.478 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

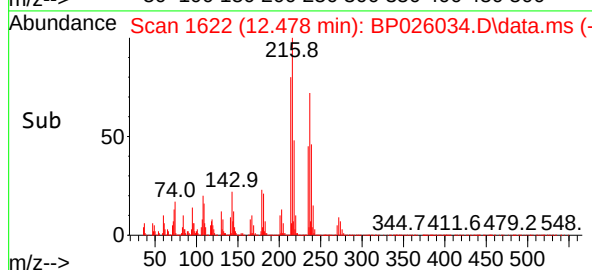
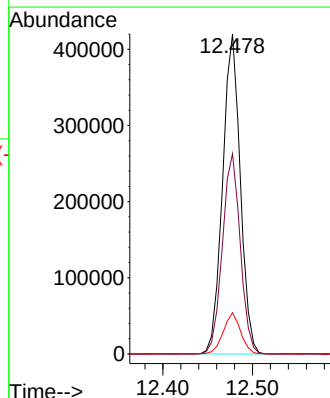
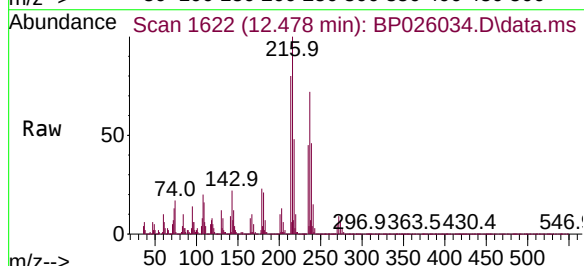
Tgt Ion:237 Resp: 577139

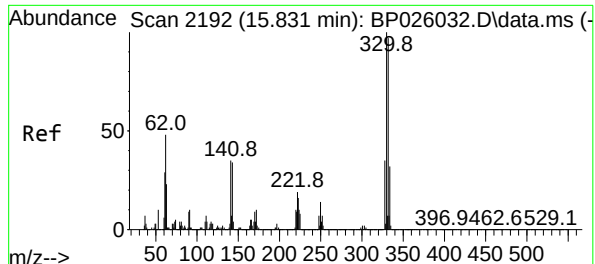
Ion Ratio Lower Upper

237 100

235 62.6 40.4 80.4

272 12.9 0.0 32.2





#42

2,4,6-Tribromophenol

Concen: 138.661 ng

RT: 15.842 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

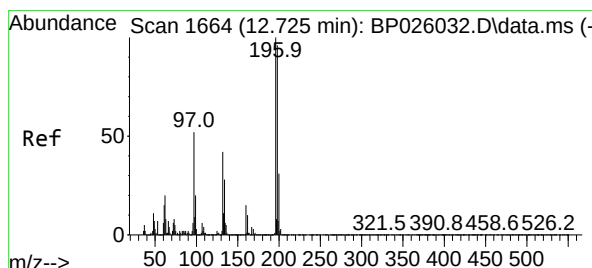
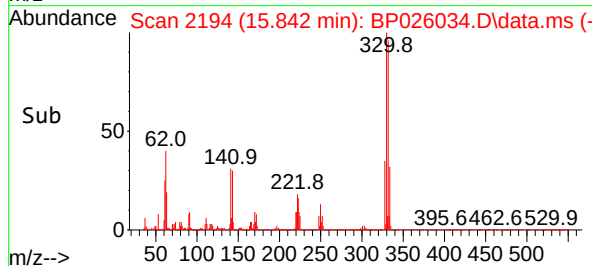
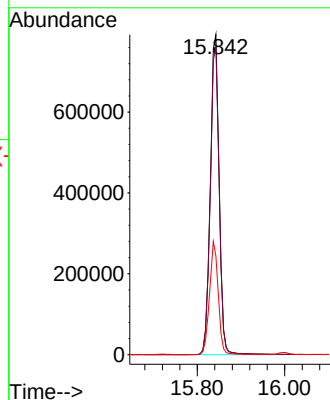
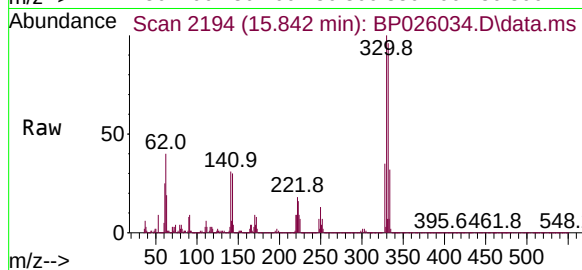
Tgt Ion:330 Resp: 1109676

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 34.7 28.6 42.8



#43

2,4,6-Trichlorophenol

Concen: 69.685 ng

RT: 12.731 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

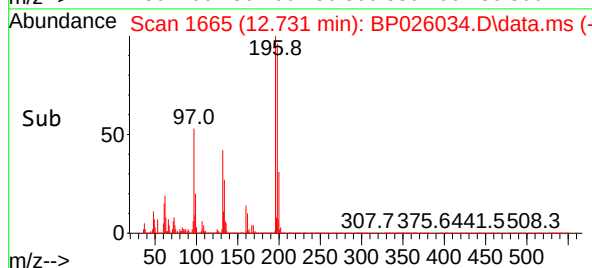
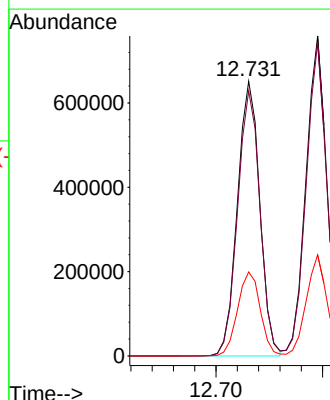
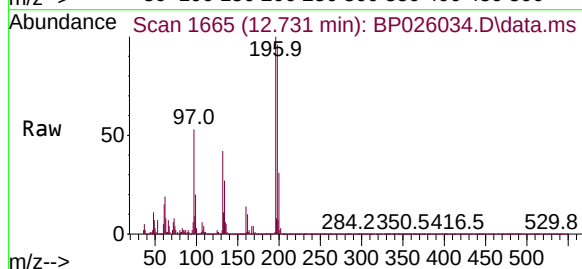
Tgt Ion:196 Resp: 947367

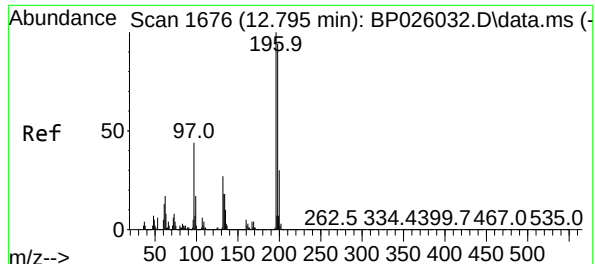
Ion Ratio Lower Upper

196 100

198 96.5 76.5 114.7

200 30.6 24.4 36.6





#44

2,4,5-Trichlorophenol

Concen: 67.173 ng

RT: 12.795 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 1042039

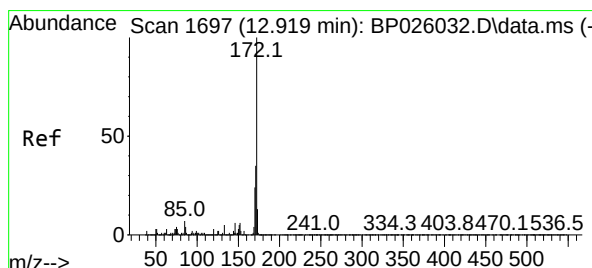
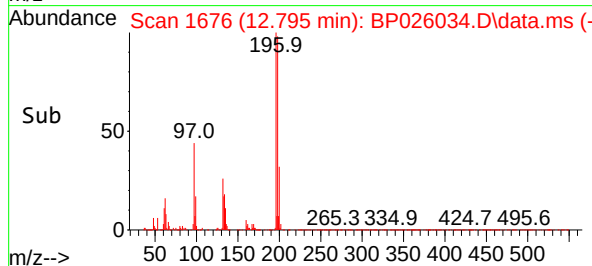
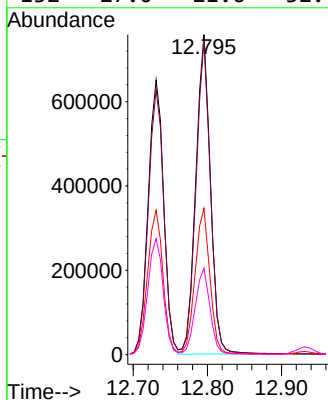
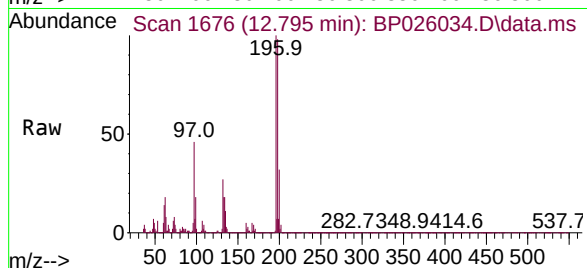
Ion Ratio Lower Upper

196 100

198 98.0 75.1 112.7

97 45.7 35.5 53.3

132 27.0 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 123.451 ng

RT: 12.931 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

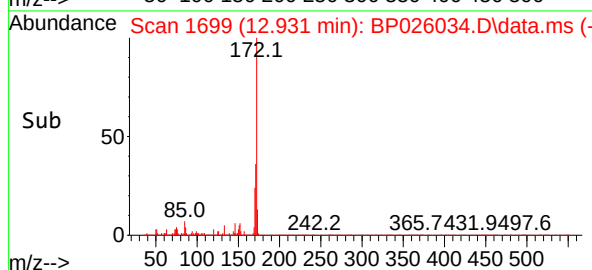
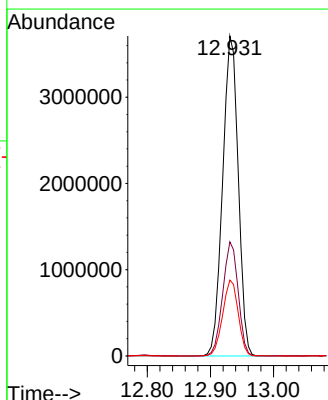
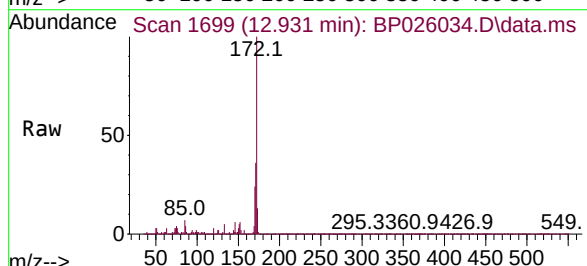
Tgt Ion:172 Resp: 6359685

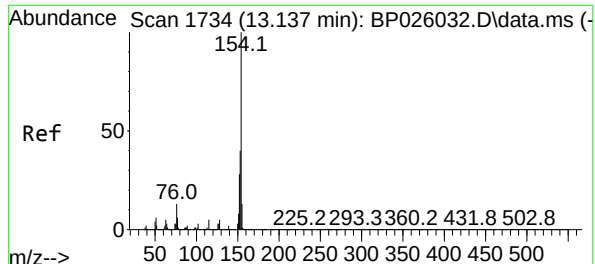
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.7 19.0 28.4





#46

1,1'-Biphenyl

Concen: 62.090 ng

RT: 13.137 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

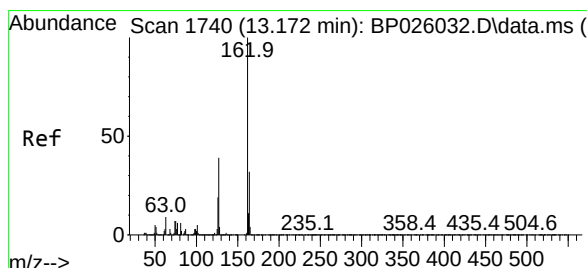
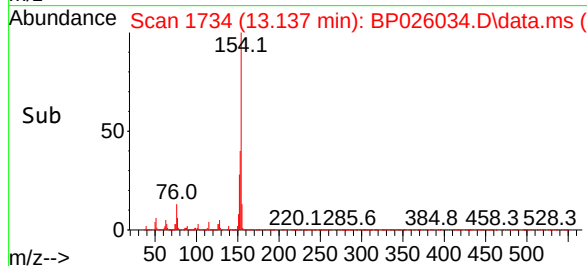
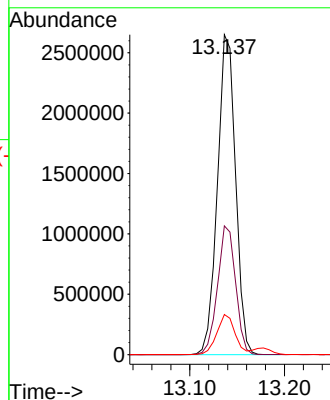
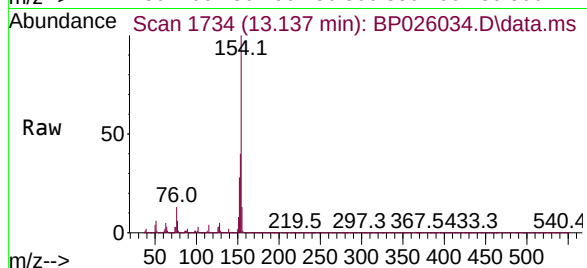
Tgt Ion:154 Resp: 3519299

Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 12.5 0.0 32.8



#47

2-Chloronaphthalene

Concen: 62.380 ng

RT: 13.178 min Scan# 1741

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

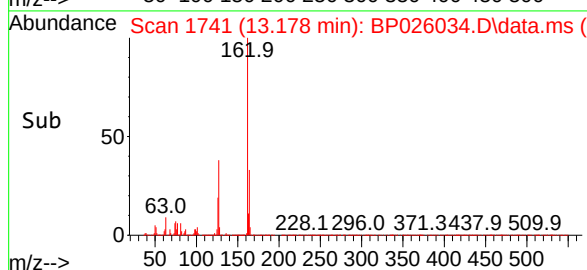
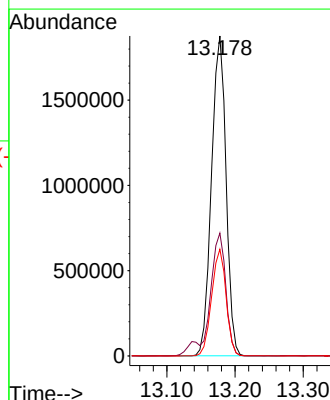
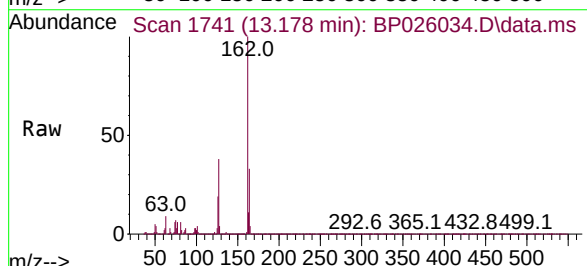
Tgt Ion:162 Resp: 2781932

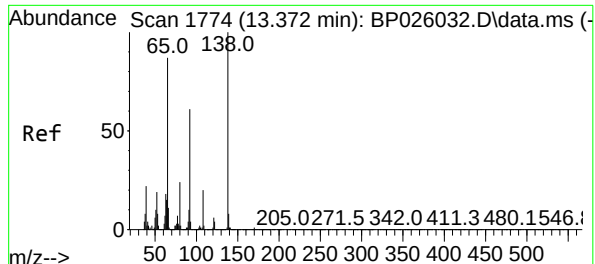
Ion Ratio Lower Upper

162 100

127 38.4 31.4 47.2

164 33.3 25.9 38.9





#48

2-Nitroaniline

Concen: 64.505 ng

RT: 13.378 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

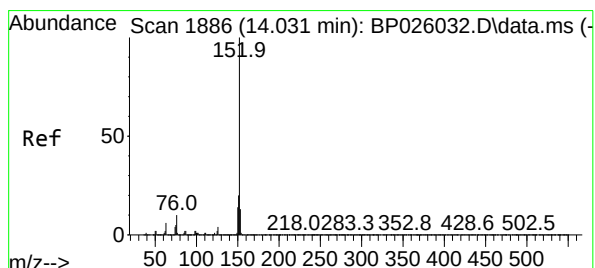
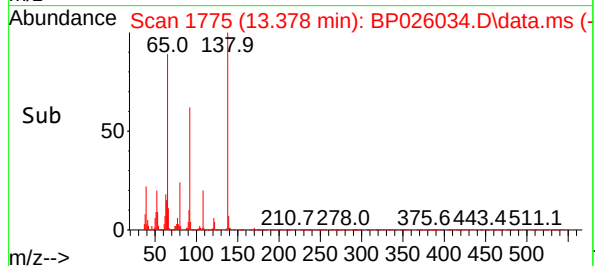
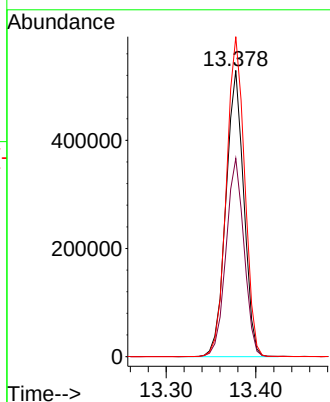
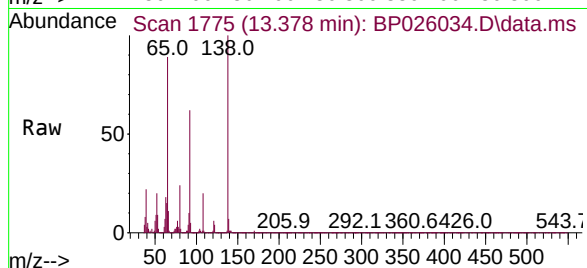
Tgt Ion: 65 Resp: 737734

Ion Ratio Lower Upper

65 100

92 69.2 55.5 83.3

138 111.8 91.7 137.5



#49

Acenaphthylene

Concen: 64.110 ng

RT: 14.037 min Scan# 1887

Delta R.T. 0.001 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

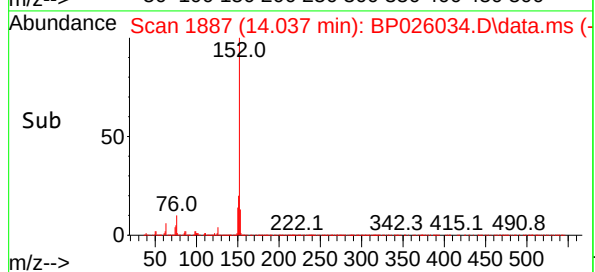
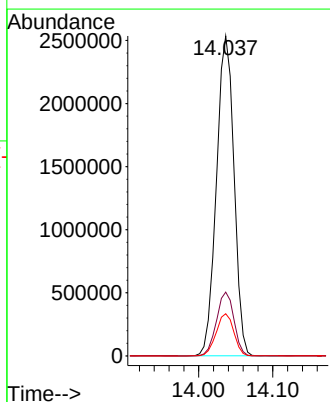
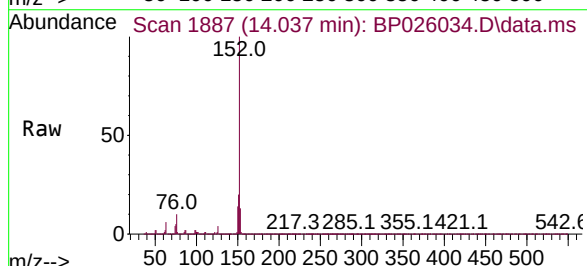
Tgt Ion:152 Resp: 4167114

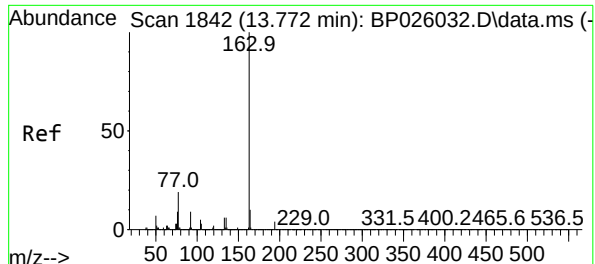
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.6 16.0





#50

Dimethylphthalate

Concen: 64.073 ng

RT: 13.778 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

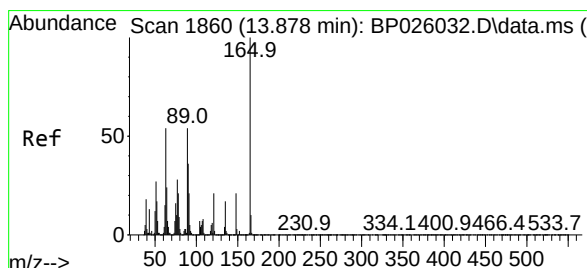
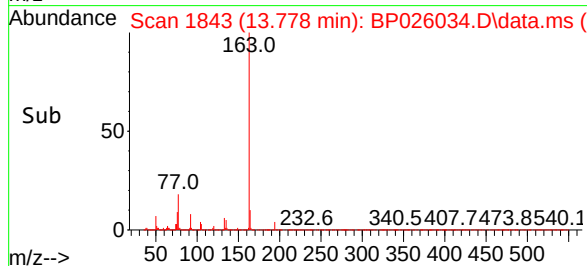
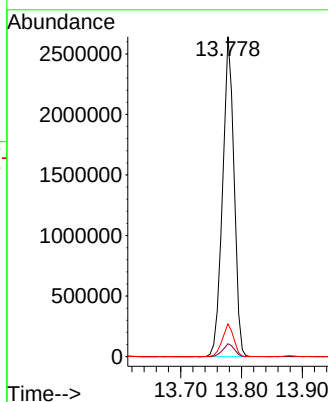
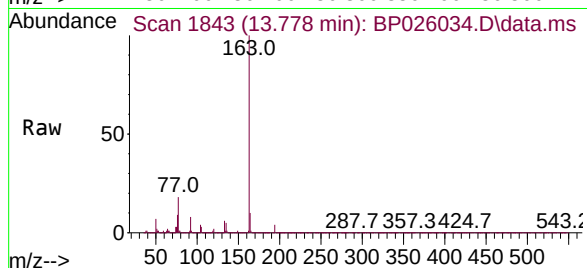
Tgt Ion:163 Resp: 3449991

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 64.811 ng

RT: 13.878 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

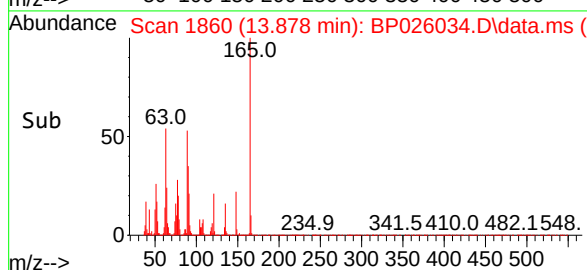
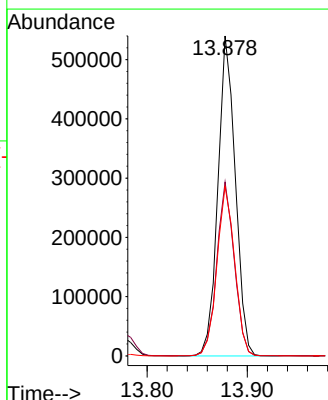
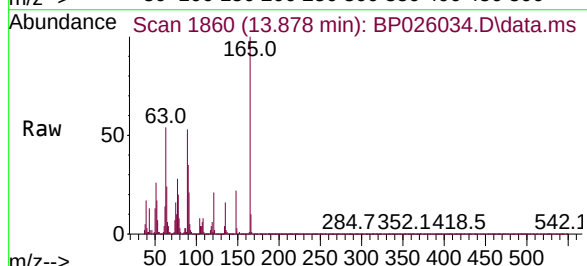
Tgt Ion:165 Resp: 652327

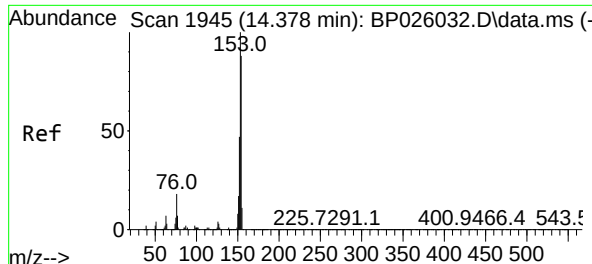
Ion Ratio Lower Upper

165 100

63 54.3 43.0 64.4

89 53.0 43.0 64.4





#52

Acenaphthene

Concen: 63.592 ng

RT: 14.389 min Scan# 1947

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

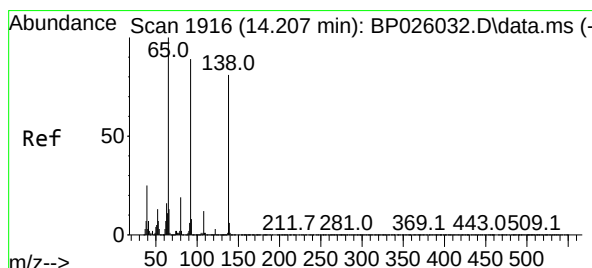
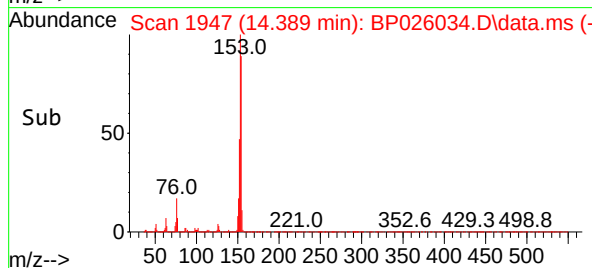
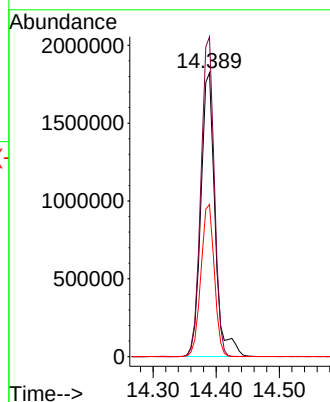
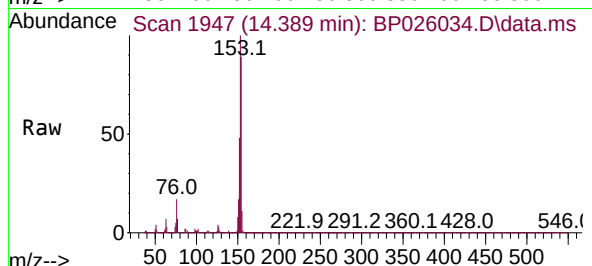
Tgt Ion:154 Resp: 2837620

Ion Ratio Lower Upper

154 100

153 112.8 91.0 136.4

152 53.6 42.7 64.1



#53

3-Nitroaniline

Concen: 63.434 ng

RT: 14.213 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

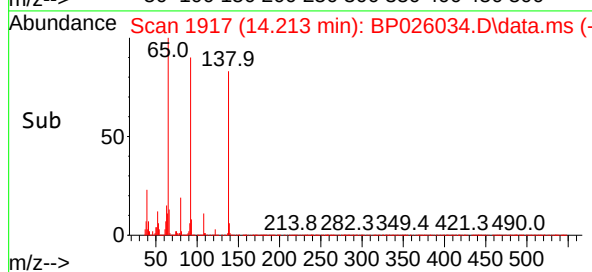
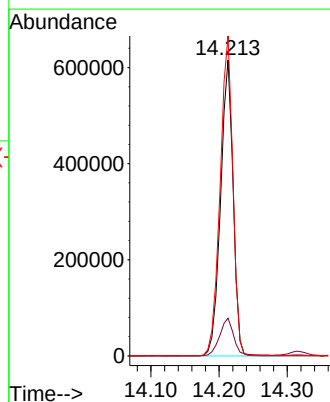
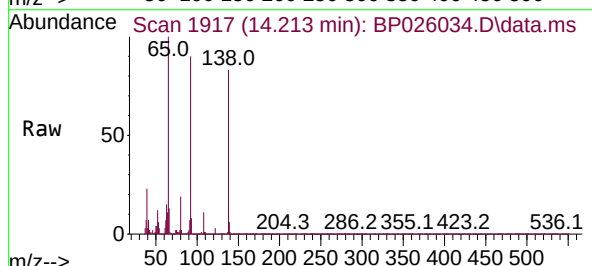
Tgt Ion:138 Resp: 780369

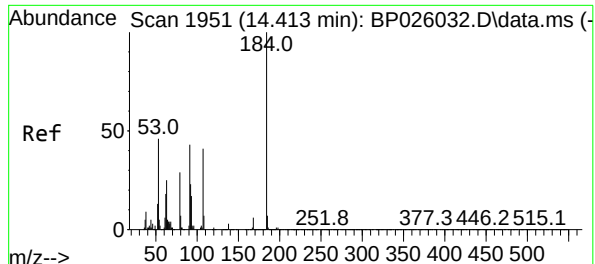
Ion Ratio Lower Upper

138 100

108 12.7 11.4 17.0

92 108.1 87.1 130.7





#54

2,4-Dinitrophenol

Concen: 63.744 ng

RT: 14.425 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

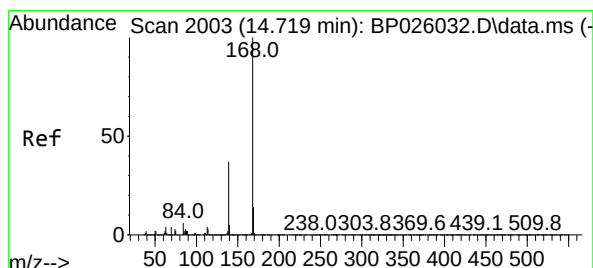
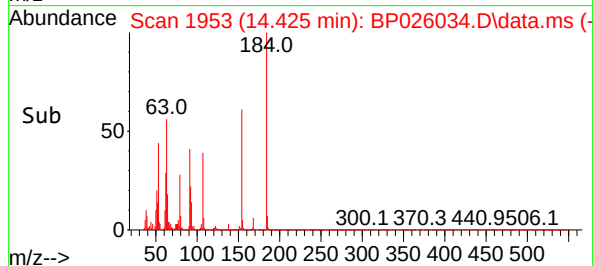
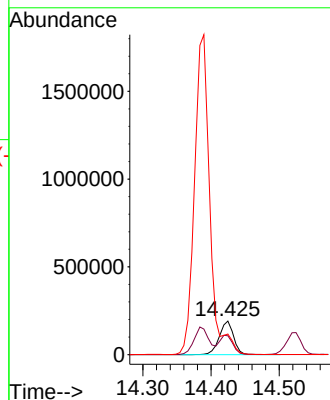
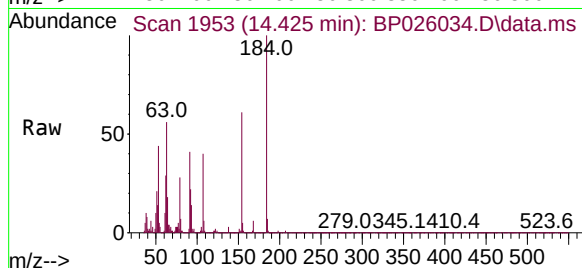
Tgt Ion:184 Resp: 274254

Ion Ratio Lower Upper

184 100

63 56.3 49.0 73.4

154 61.3 51.0 76.6



#55

Dibenzofuran

Concen: 62.047 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

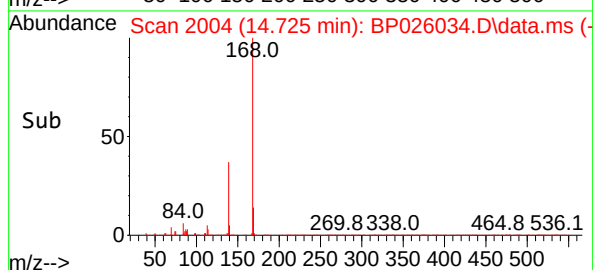
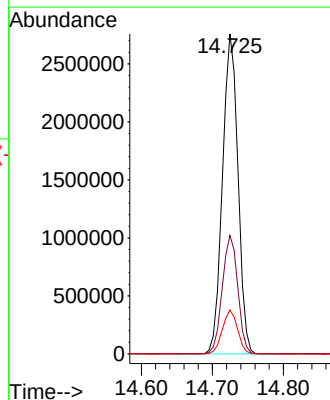
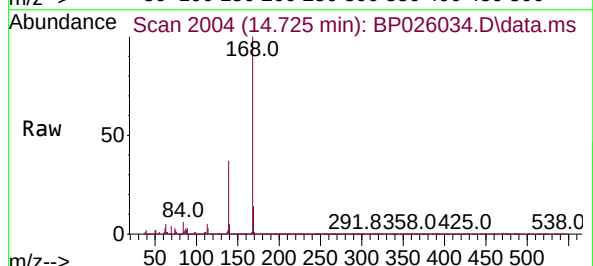
Tgt Ion:168 Resp: 4183126

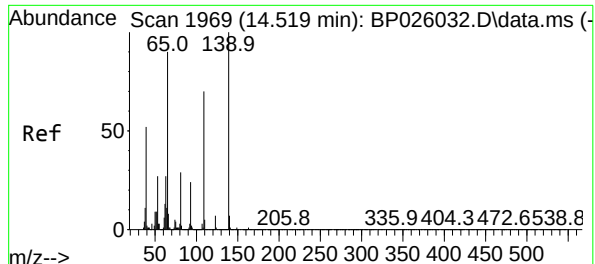
Ion Ratio Lower Upper

168 100

139 37.0 29.7 44.5

169 13.7 11.0 16.4

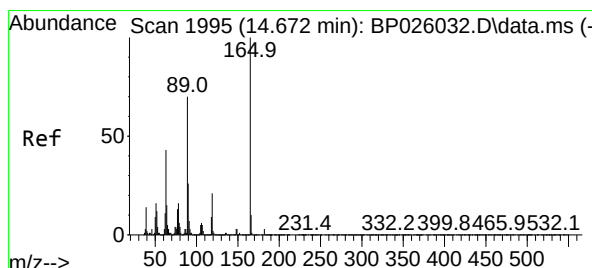
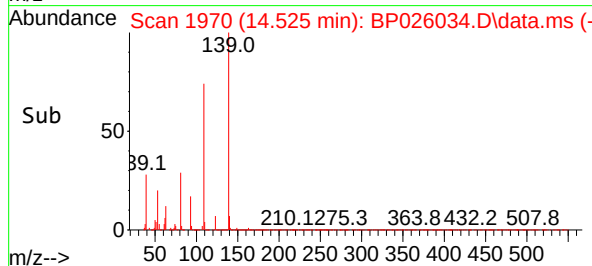
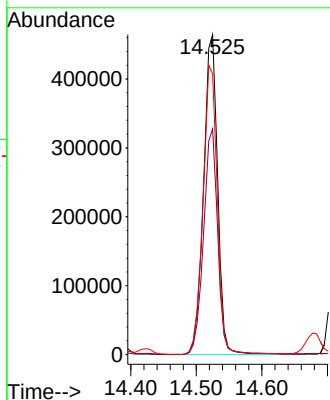
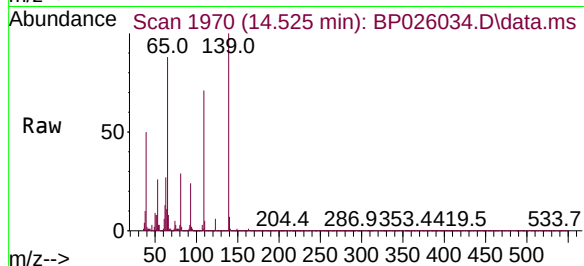




#56
4-Nitrophenol
Concen: 64.089 ng
RT: 14.525 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

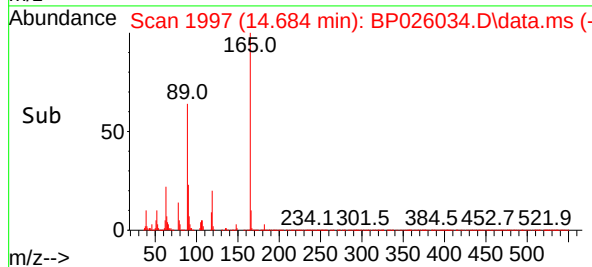
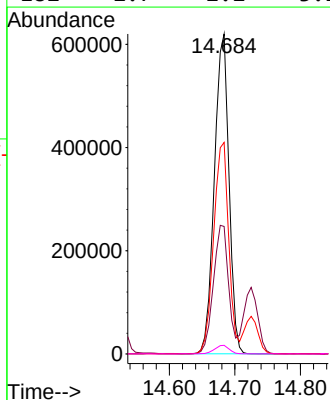
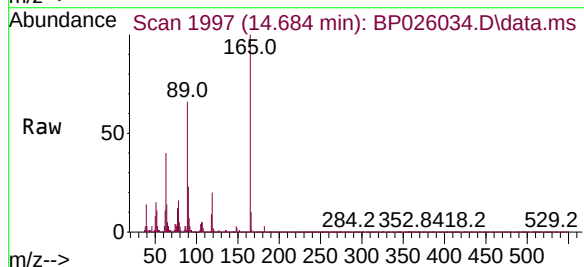
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

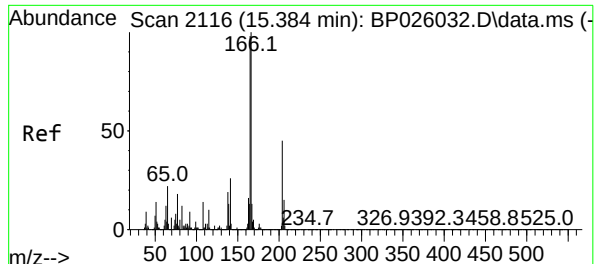
Tgt Ion:139 Resp: 688114
Ion Ratio Lower Upper
139 100
109 70.5 50.0 90.0
65 87.7 69.6 109.6



#57
2,4-Dinitrotoluene
Concen: 65.768 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:165 Resp: 961200
Ion Ratio Lower Upper
165 100
63 39.8 34.2 51.2
89 66.1 56.0 84.0
182 2.7 2.2 3.2

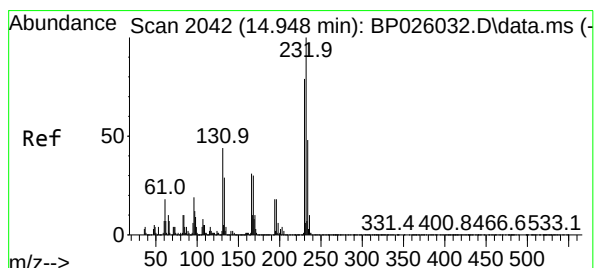
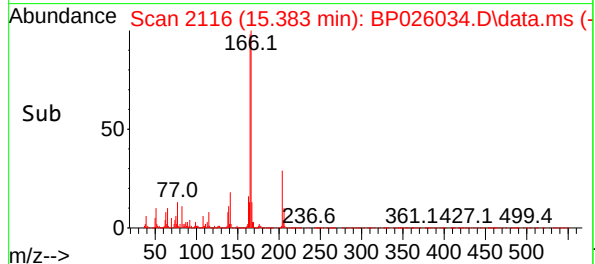
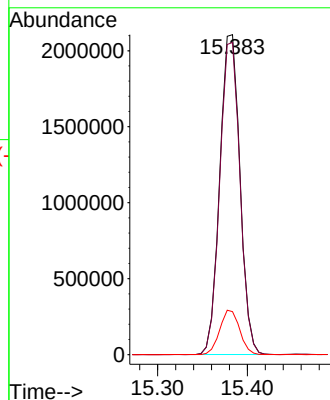
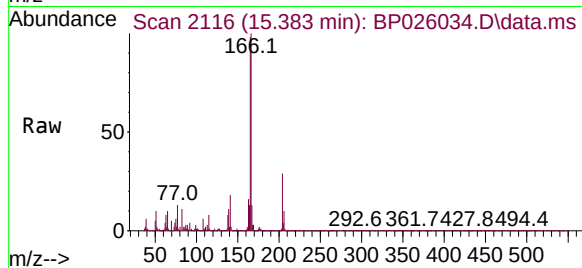




#58
Fluorene
Concen: 62.737 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

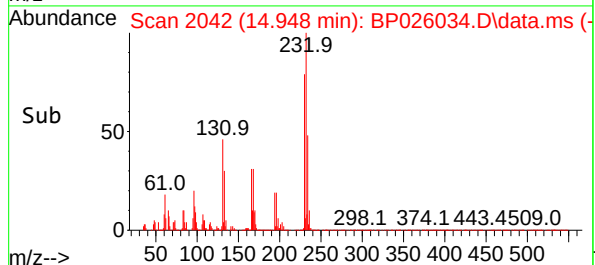
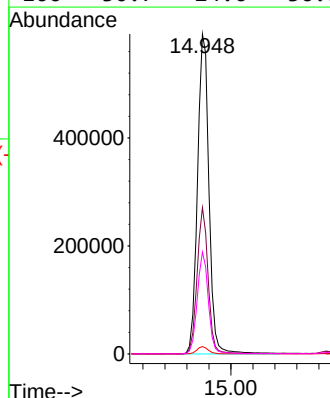
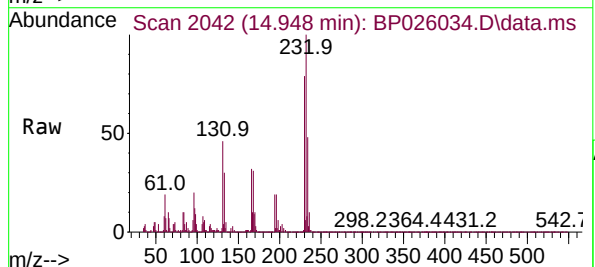
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

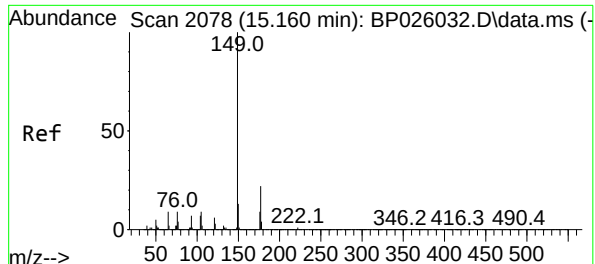
Tgt Ion:166 Resp: 3313648
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 70.360 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:232 Resp: 858179
Ion Ratio Lower Upper
232 100
131 43.8 35.2 52.8
130 2.3 1.7 2.5
166 30.7 24.6 36.8

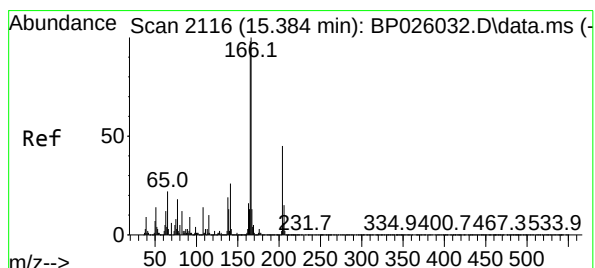
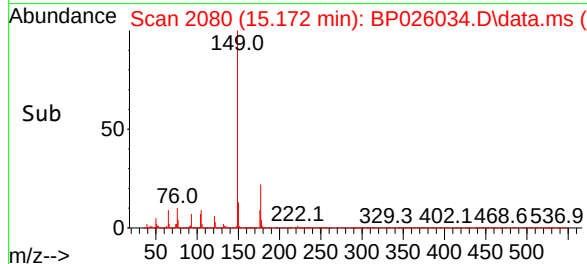
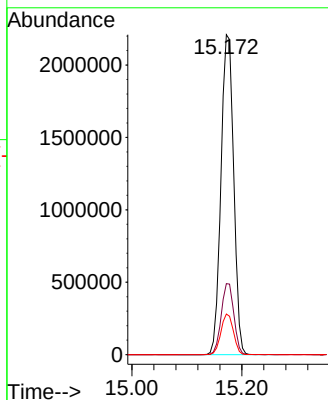
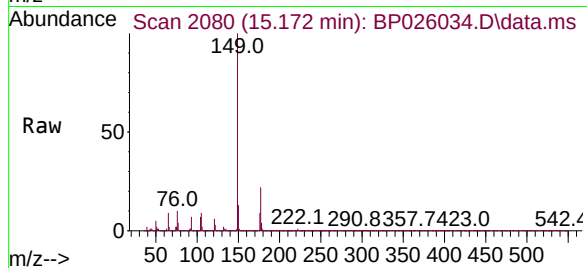




#60
Diethylphthalate
Concen: 65.288 ng
RT: 15.172 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

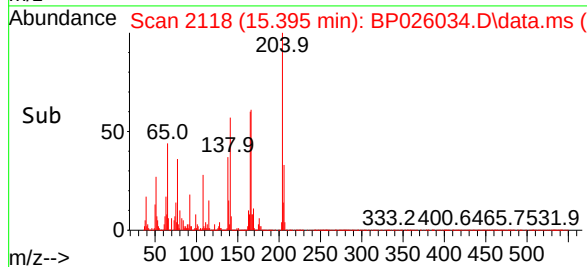
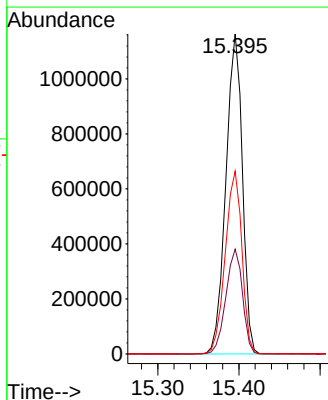
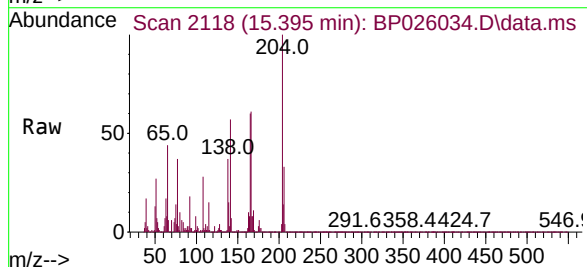
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

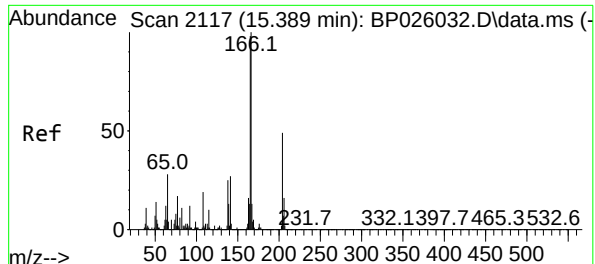
Tgt Ion:149 Resp: 3534128
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 62.210 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:204 Resp: 1640879
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 57.1 47.0 70.4

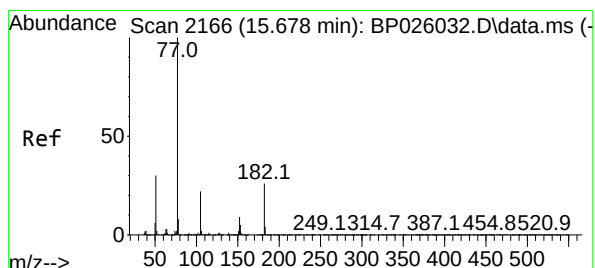
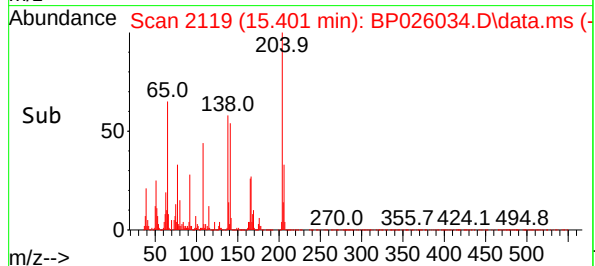
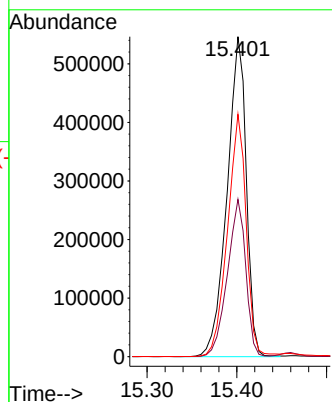
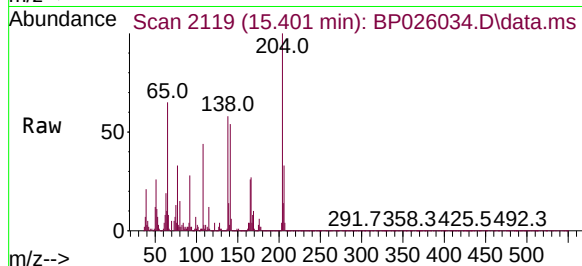




#62
4-Nitroaniline
Concen: 71.051 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

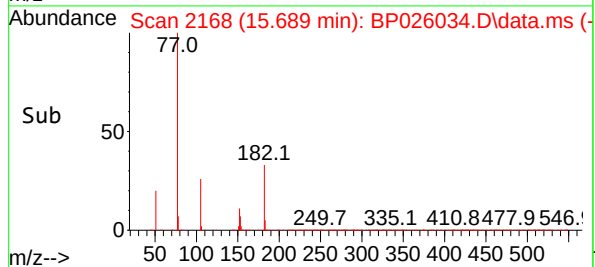
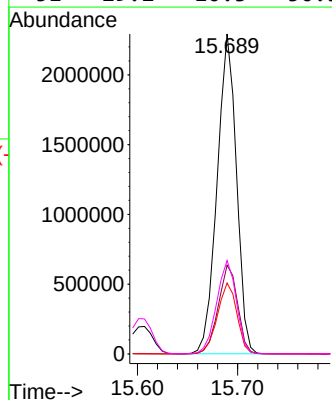
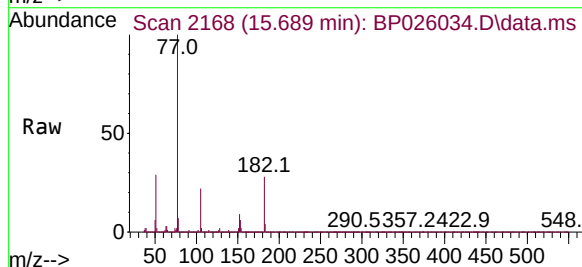
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

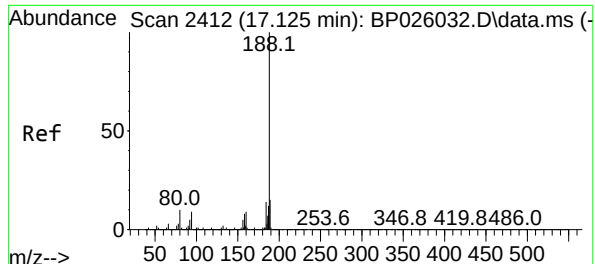
Tgt Ion:138 Resp: 817496
Ion Ratio Lower Upper
138 100
92 49.1 28.2 68.2
108 75.7 56.0 96.0



#63
Azobenzene
Concen: 62.764 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 3079138
Ion Ratio Lower Upper
77 100
182 27.7 6.4 46.4
105 22.1 2.2 42.2
51 29.2 10.3 50.3

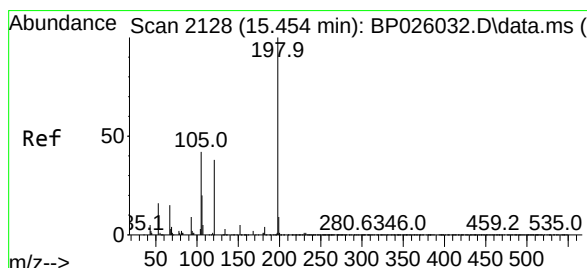
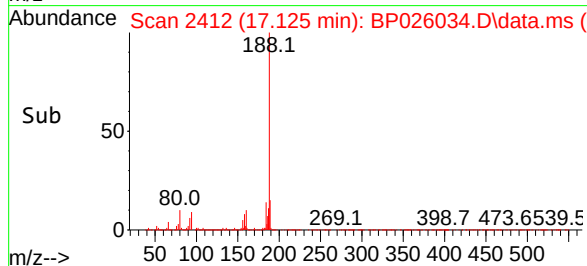
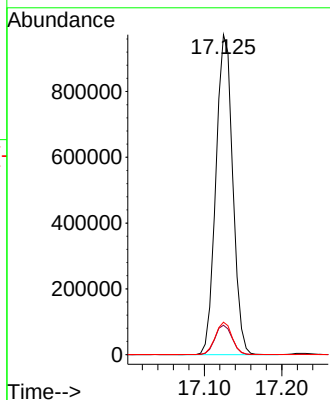
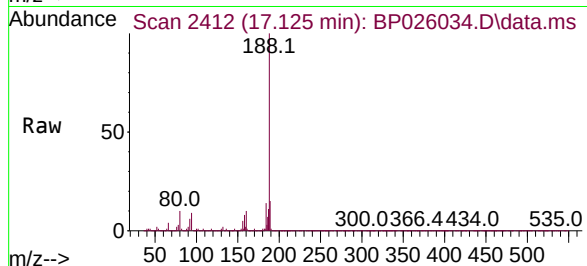




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

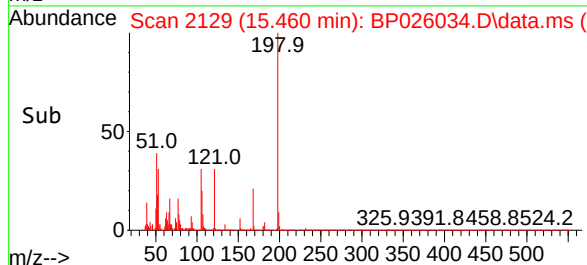
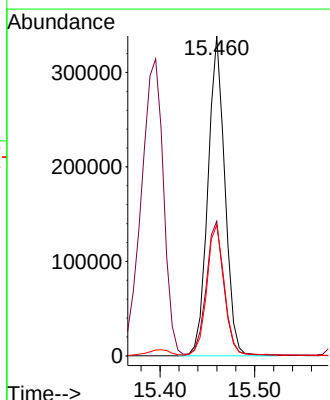
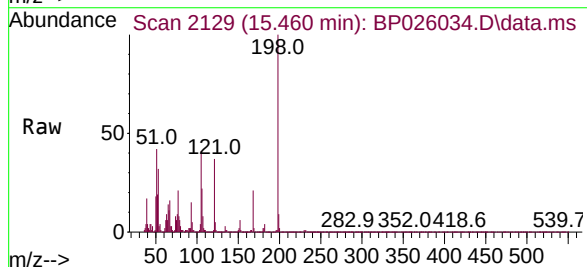
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

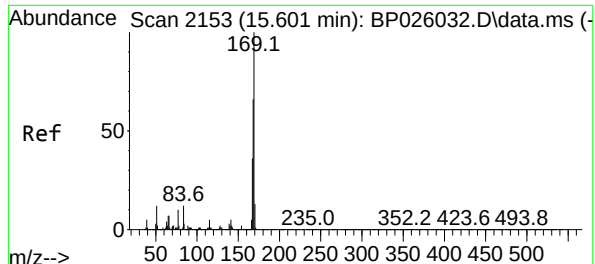
Tgt Ion:188 Resp: 1468570
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.1 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 64.124 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:198 Resp: 420911
Ion Ratio Lower Upper
198 100
51 42.1 25.2 65.2
105 40.9 23.7 63.7

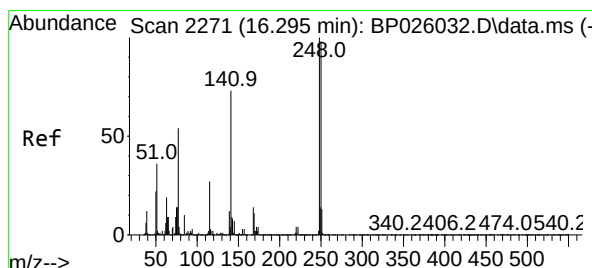
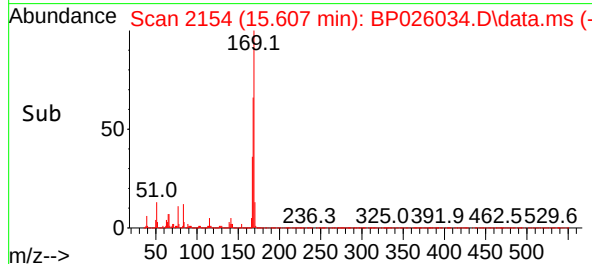
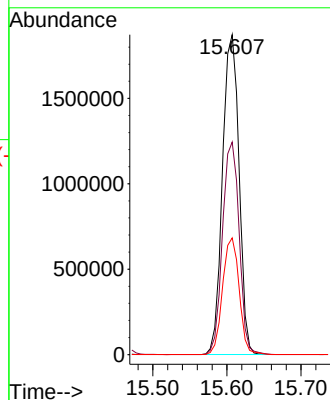
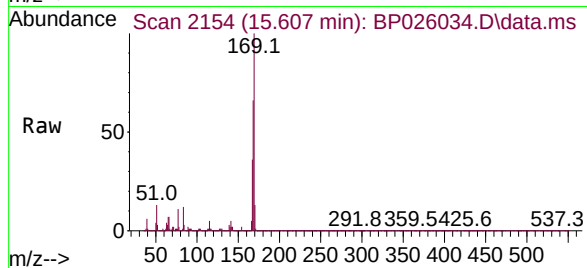




#66
n-Nitrosodiphenylamine
Concen: 63.193 ng
RT: 15.607 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

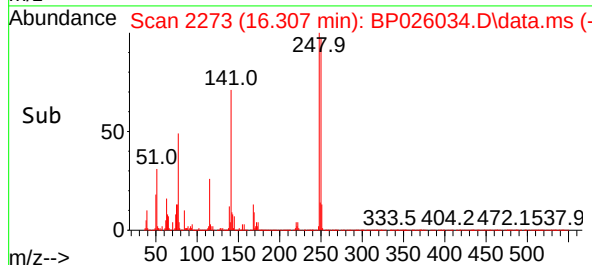
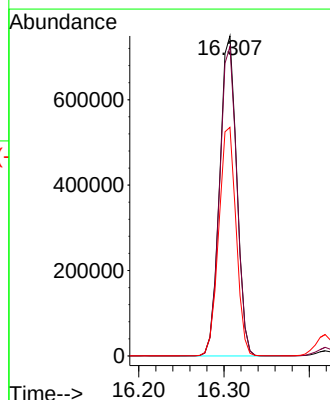
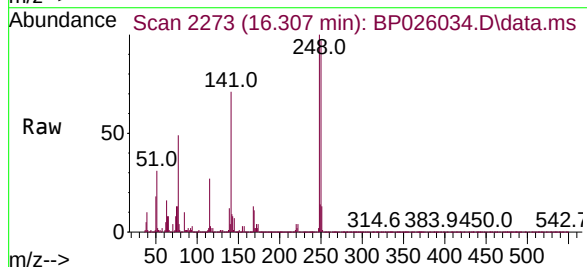
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

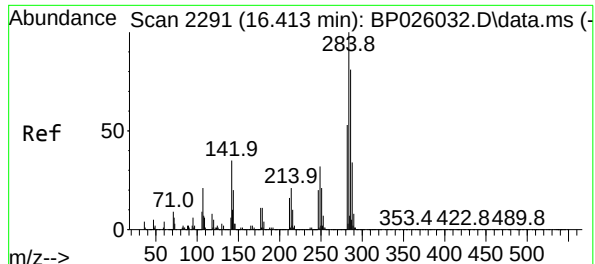
Tgt Ion:169 Resp: 2901612
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.5 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 64.082 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:248 Resp: 1043905
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 71.4 58.3 87.5





#68

Hexachlorobenzene

Concen: 63.645 ng

RT: 16.419 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

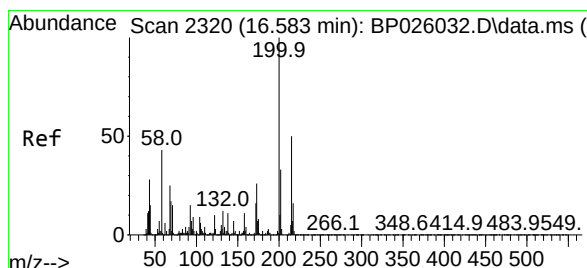
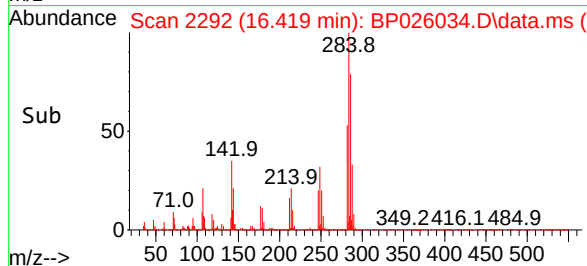
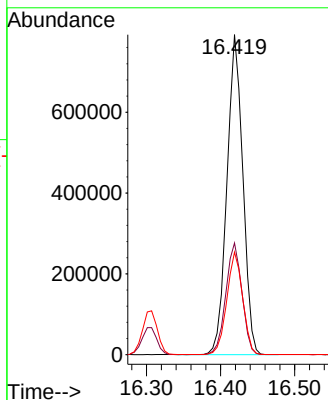
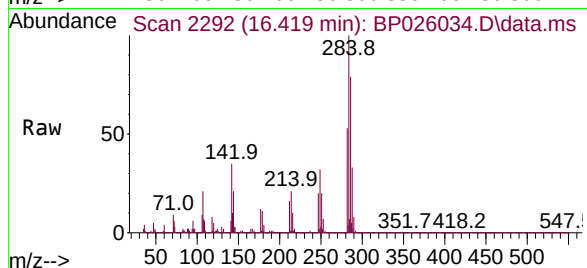
Tgt Ion:284 Resp: 1180264

Ion Ratio Lower Upper

284 100

142 34.9 27.7 41.5

249 32.0 25.5 38.3



#69

Atrazine

Concen: 67.838 ng

RT: 16.595 min Scan# 2322

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

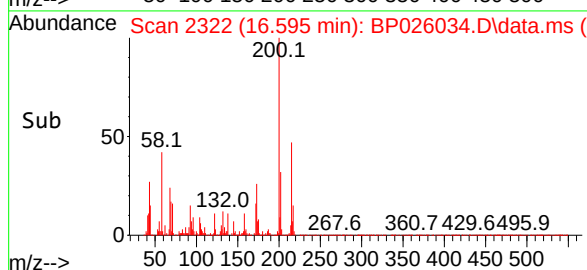
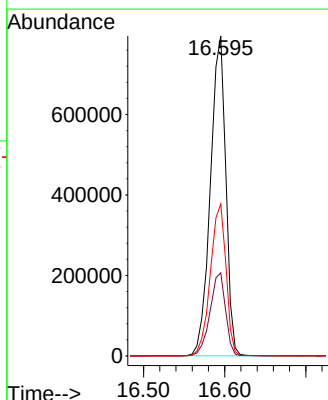
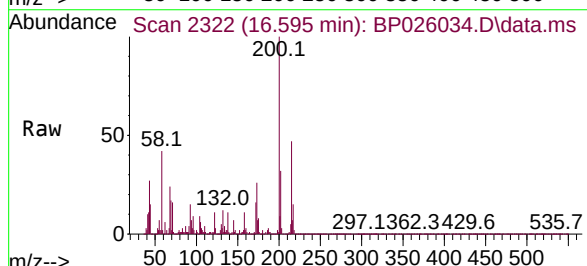
Tgt Ion:200 Resp: 1050788

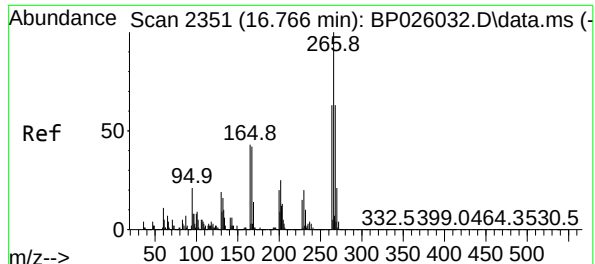
Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

215 47.5 29.8 69.8





#70

Pentachlorophenol

Concen: 69.166 ng

RT: 16.760 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

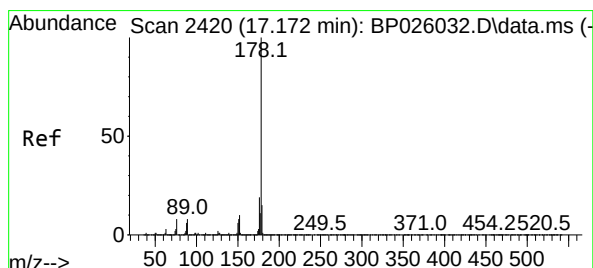
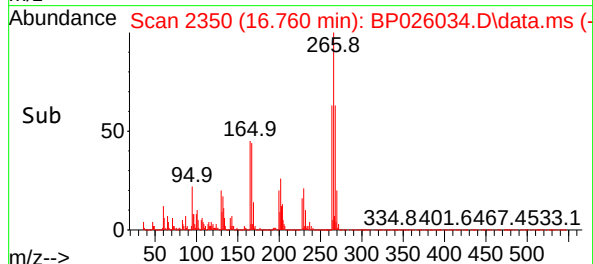
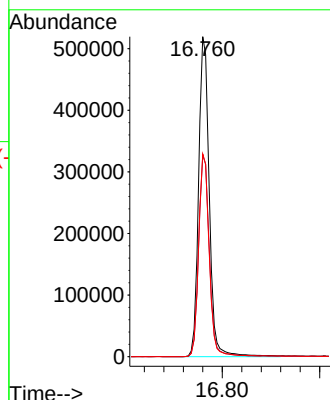
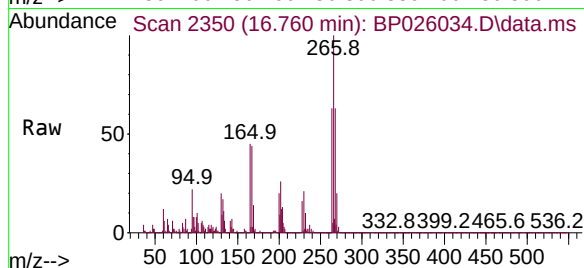
Tgt Ion:266 Resp: 783472

Ion Ratio Lower Upper

266 100

268 63.0 50.6 76.0

264 63.3 50.2 75.4



#71

Phenanthrene

Concen: 61.576 ng

RT: 17.172 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

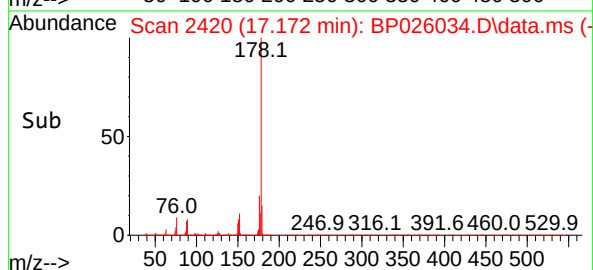
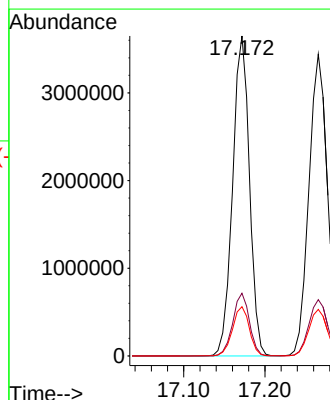
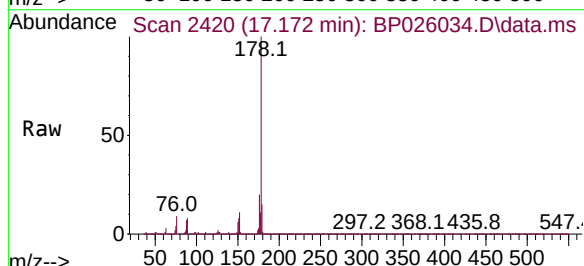
Tgt Ion:178 Resp: 5263383

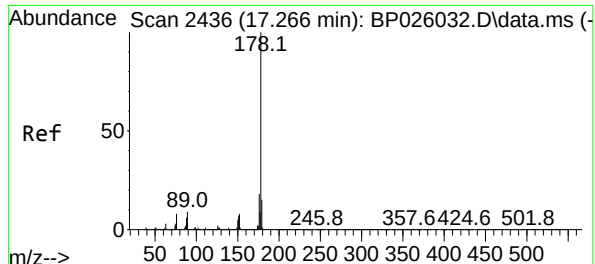
Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.4 12.3 18.5

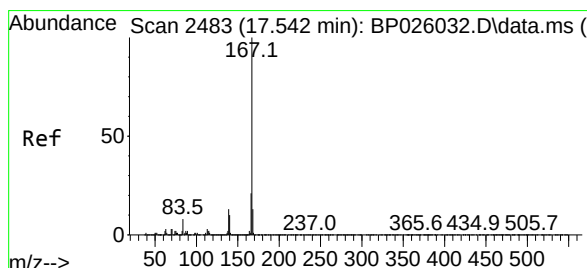
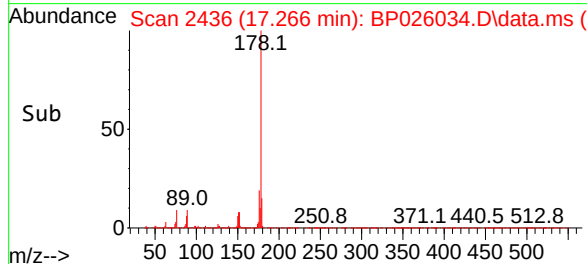
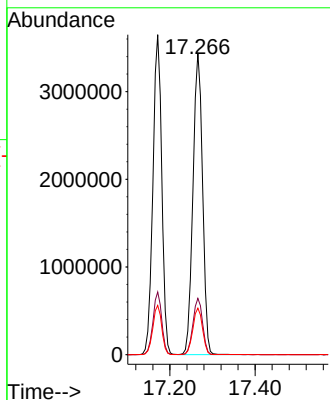
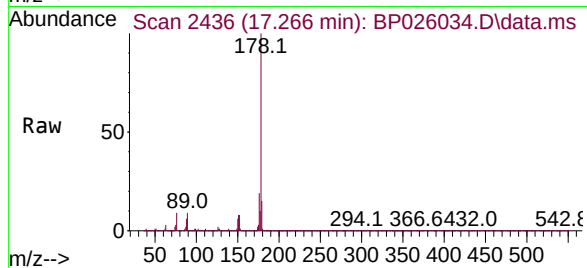




#72
Anthracene
Concen: 63.447 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

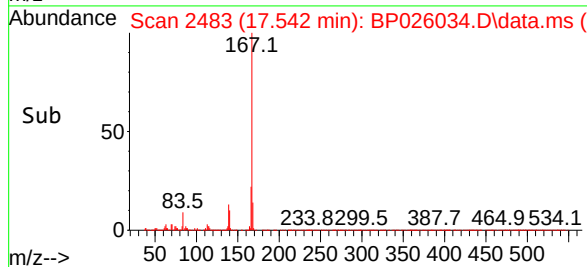
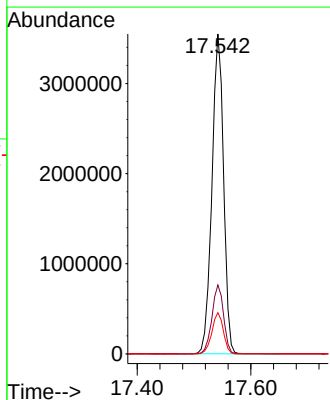
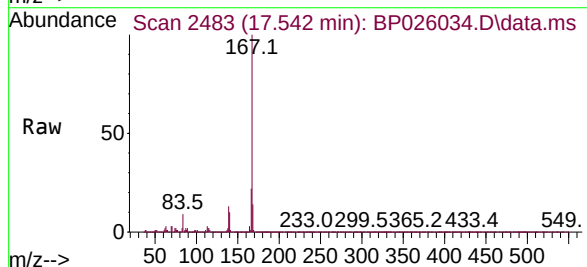
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

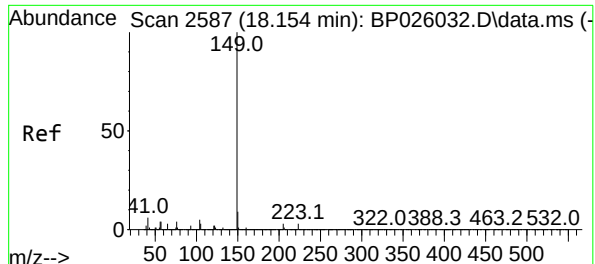
Tgt Ion:178 Resp: 5375909
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4



#73
Carbazole
Concen: 63.086 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:167 Resp: 5059908
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 12.9 10.2 15.2

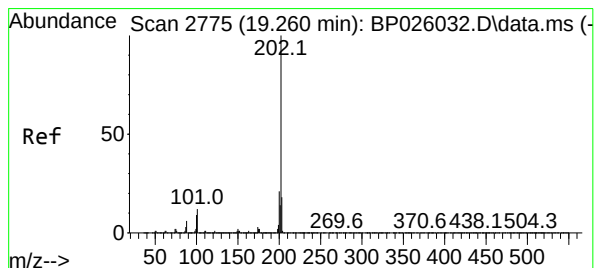
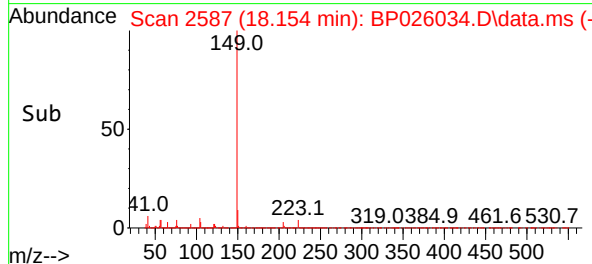
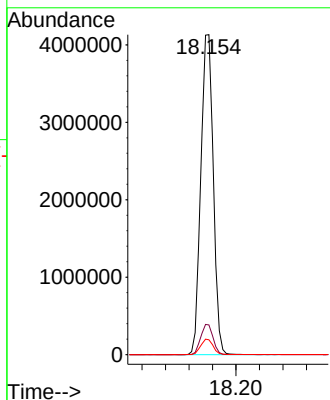
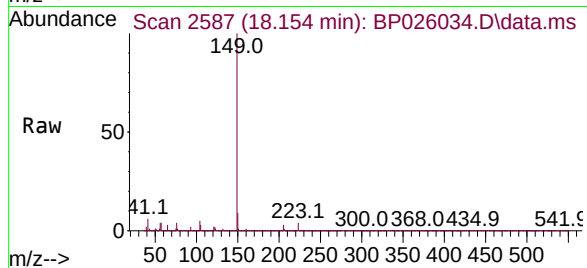




#74
Di-n-butylphthalate
Concen: 67.663 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

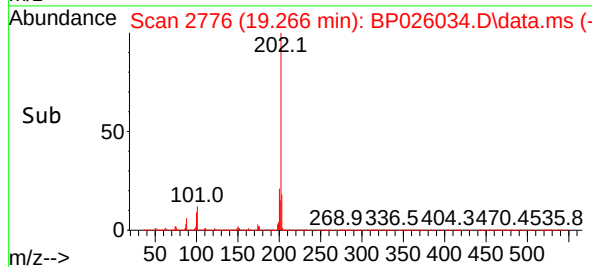
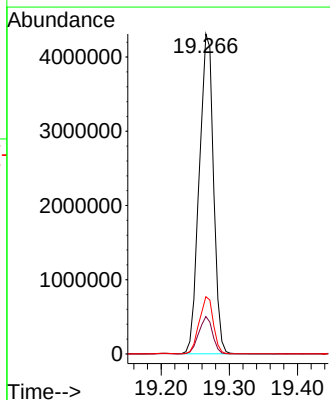
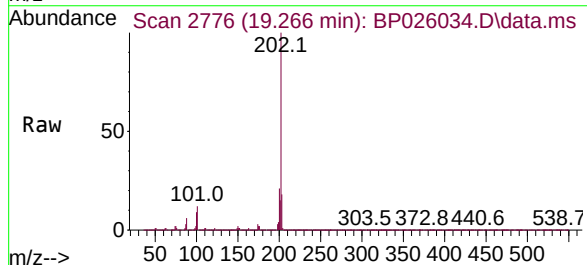
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

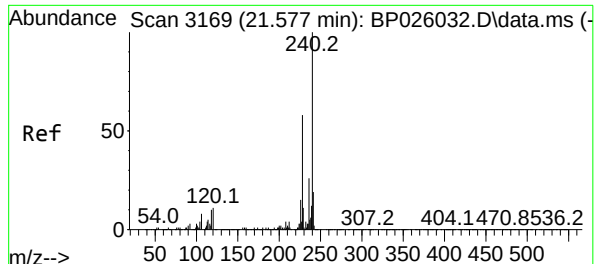
Tgt Ion:149 Resp: 6072603
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.7 3.8 5.6



#75
Fluoranthene
Concen: 62.816 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:202 Resp: 6263426
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.1
203 17.9 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

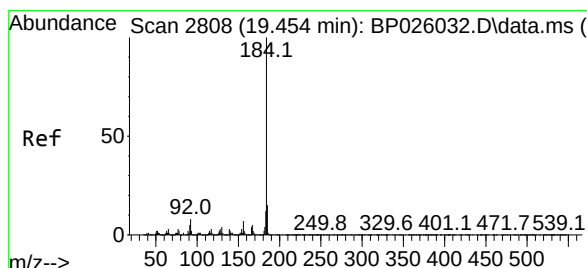
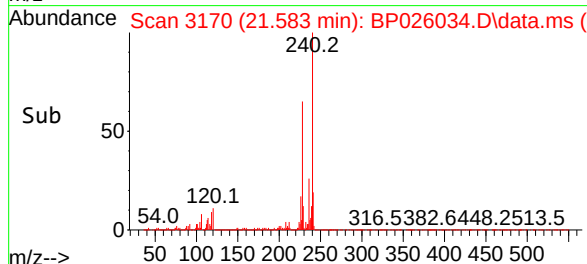
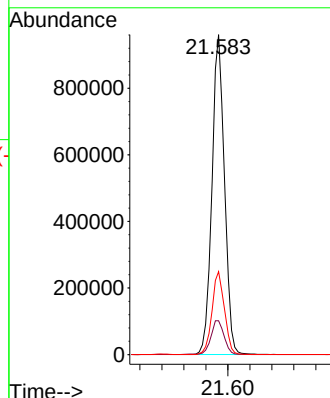
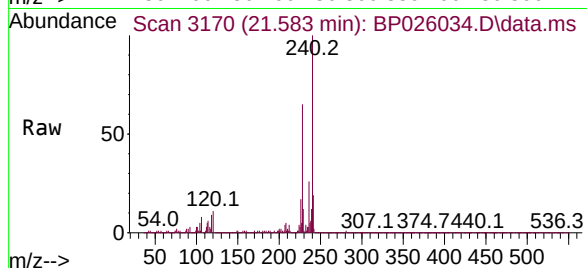
Tgt Ion:240 Resp: 1519622

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.9 20.6 31.0



#77

Benzidine

Concen: 70.680 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

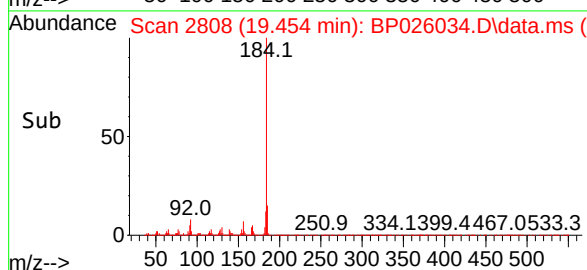
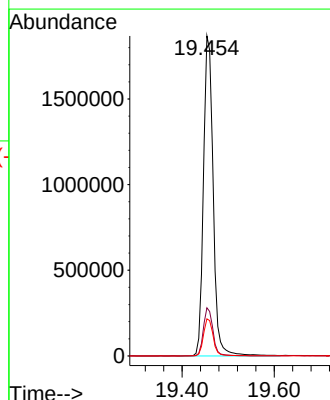
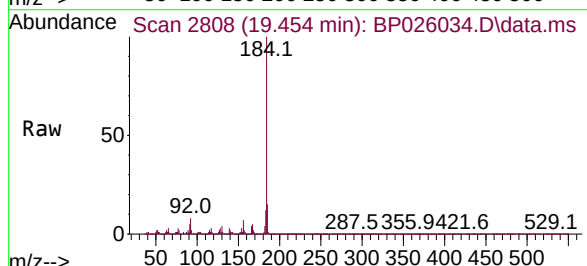
Tgt Ion:184 Resp: 2726283

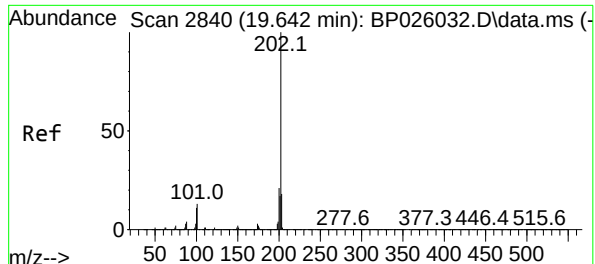
Ion Ratio Lower Upper

184 100

185 15.0 11.9 17.9

183 11.6 9.2 13.8





#78

Pyrene

Concen: 63.454 ng

RT: 19.648 min Scan# 2840

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

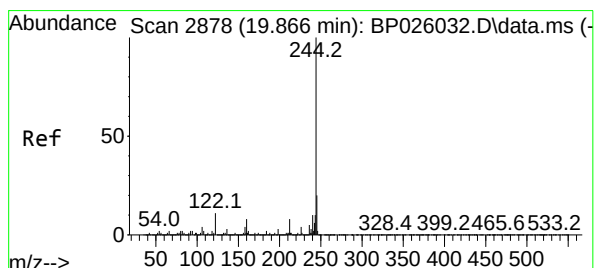
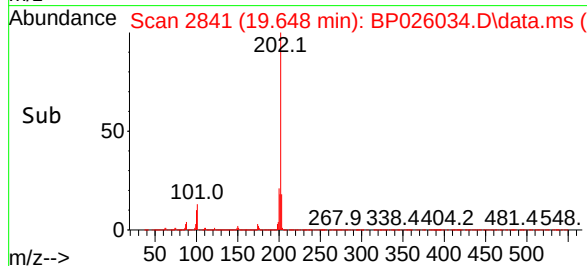
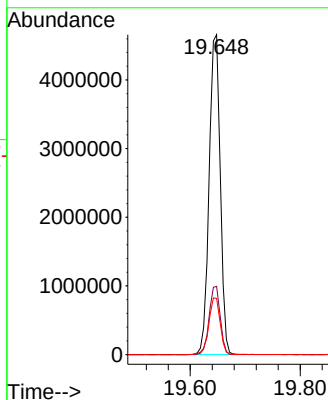
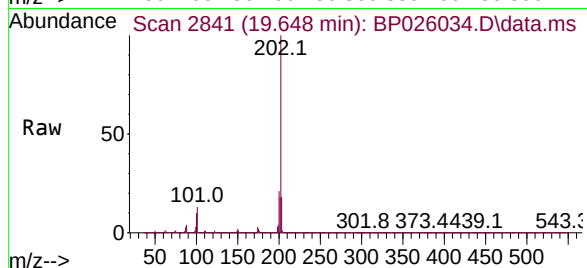
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:202 Resp: 6521771

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.6	14.0	21.0



#79

Terphenyl-d14

Concen: 124.204 ng

RT: 19.871 min Scan# 2879

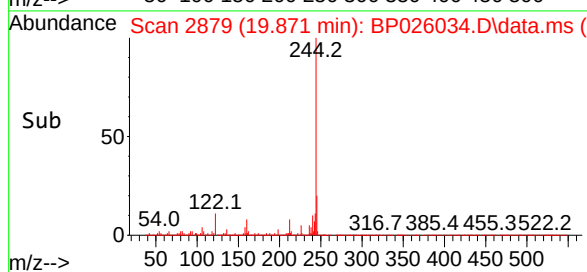
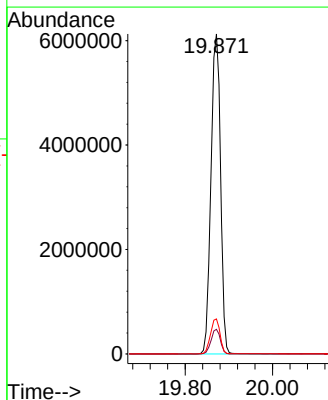
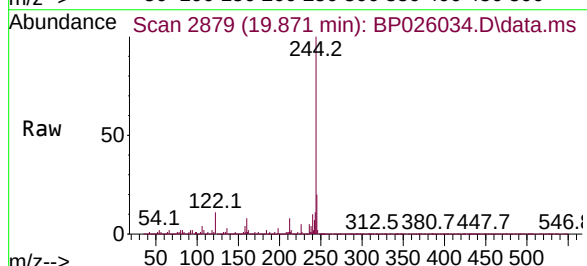
Delta R.T. 0.006 min

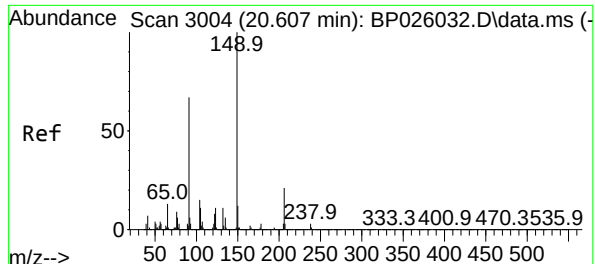
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:244 Resp: 9289969

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	10.9	9.0	13.6





#80

Butylbenzylphthalate

Concen: 65.127 ng

RT: 20.613 min Scan# 3004

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

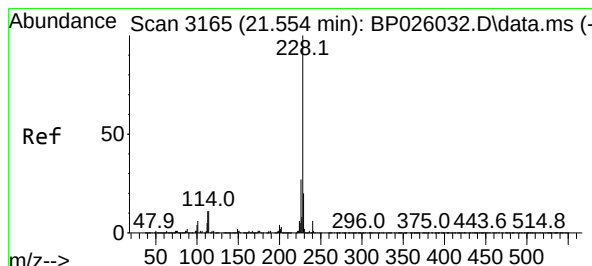
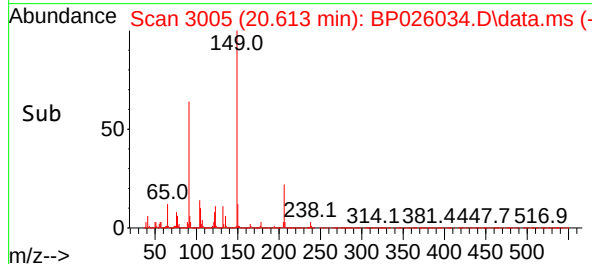
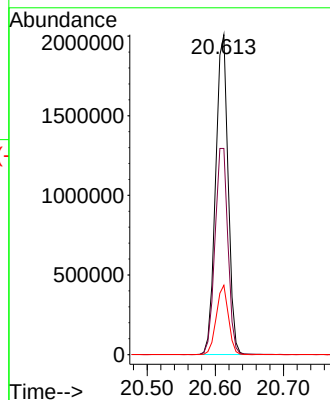
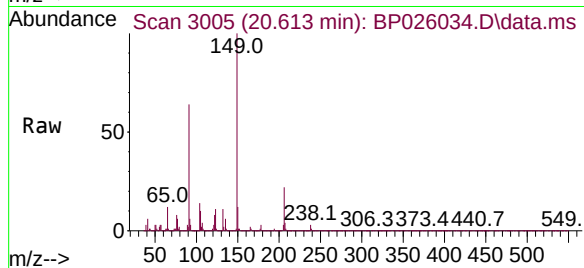
Tgt Ion:149 Resp: 2549176

Ion Ratio Lower Upper

149 100

91 64.4 53.5 80.3

206 21.7 16.6 25.0



#81

Benzo(a)anthracene

Concen: 62.991 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.018 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

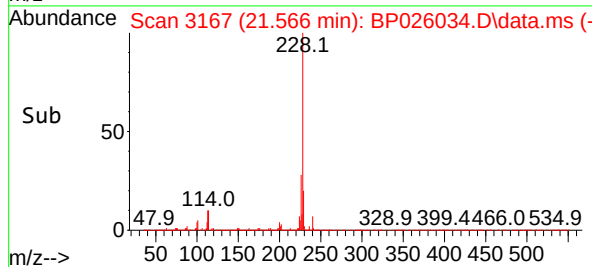
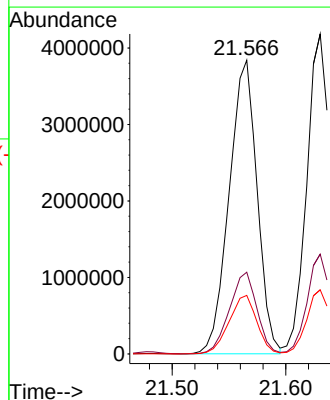
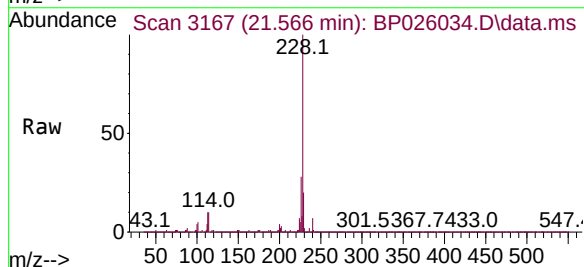
Tgt Ion:228 Resp: 6577757

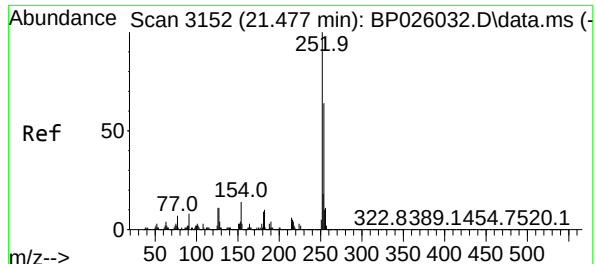
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 19.9 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 67.371 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

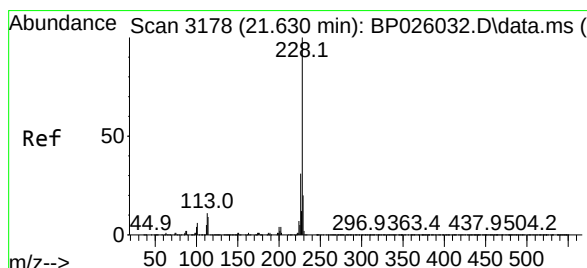
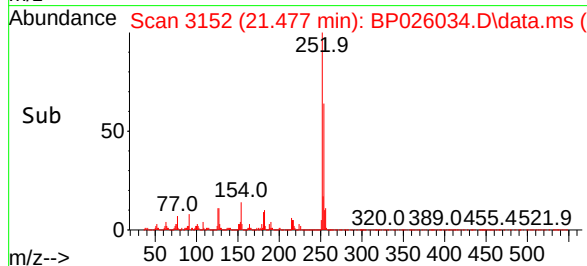
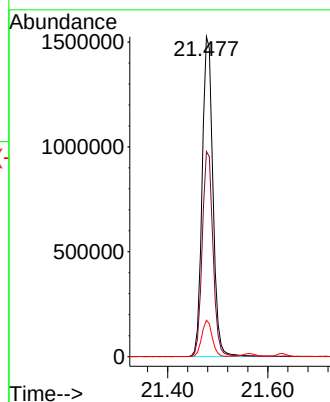
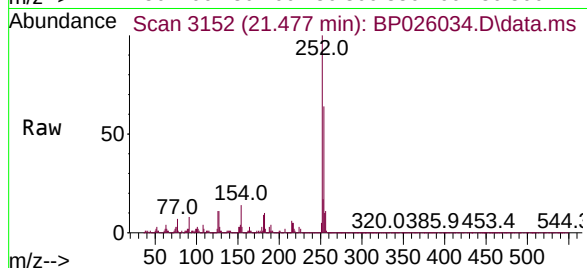
Tgt Ion:252 Resp: 2266707

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

126 11.4 9.1 13.7



#83

Chrysene

Concen: 62.176 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

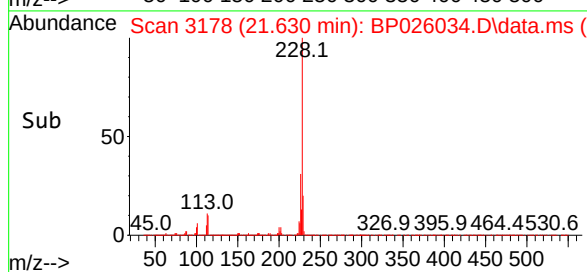
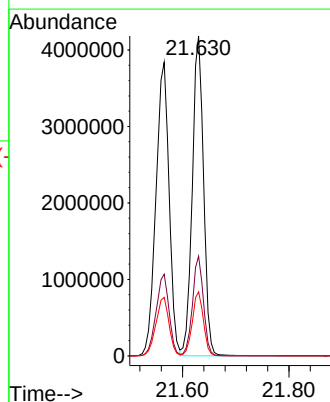
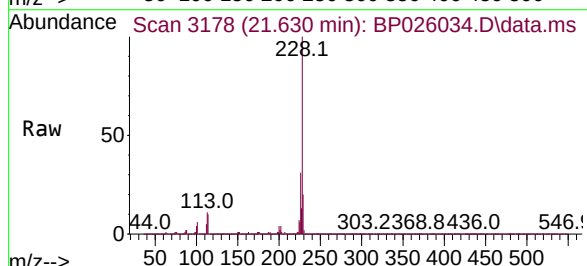
Tgt Ion:228 Resp: 6150315

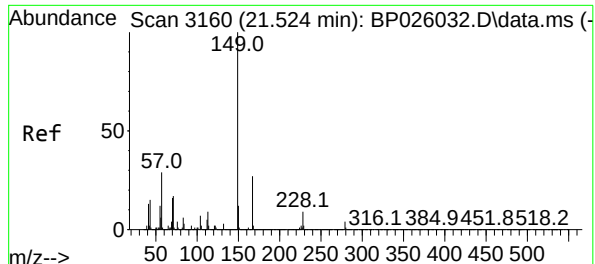
Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 20.0 16.0 24.0

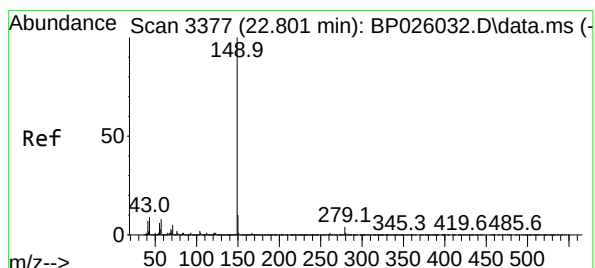
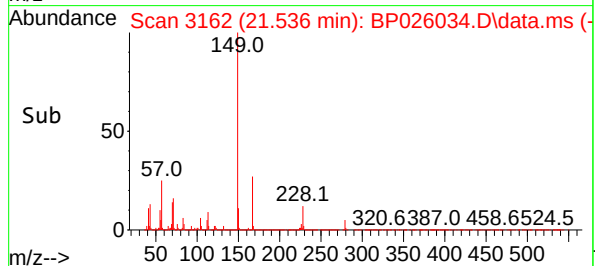
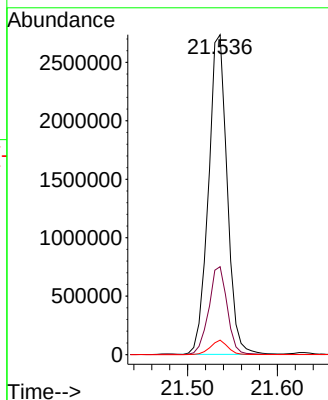
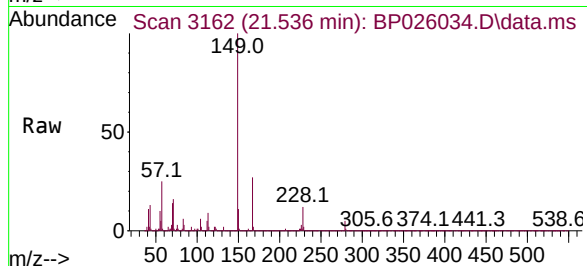




#84
Bis(2-ethylhexyl)phthalate
Concen: 62.903 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

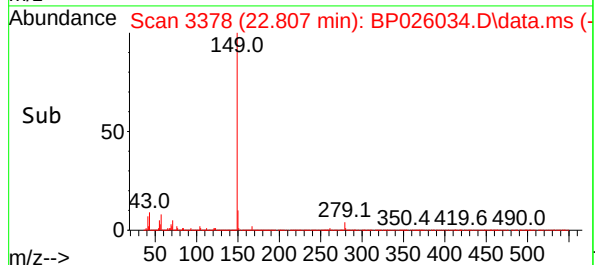
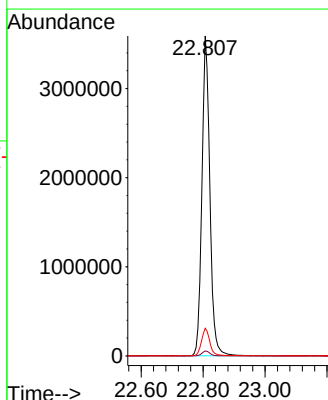
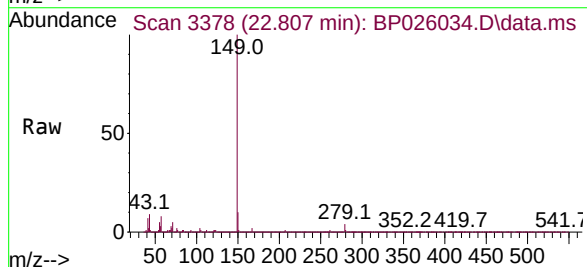
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

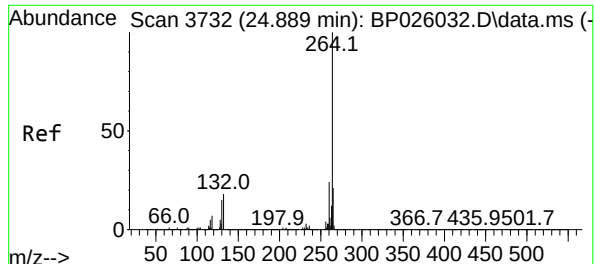
Tgt Ion:149 Resp: 3949393
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.5 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 70.922 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:149 Resp: 6415656
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

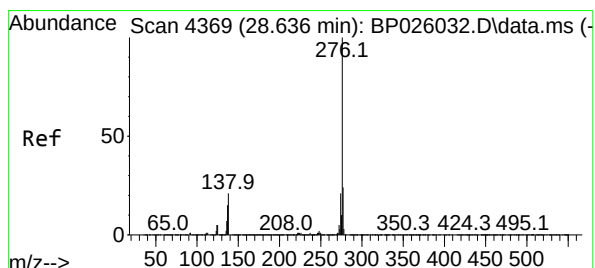
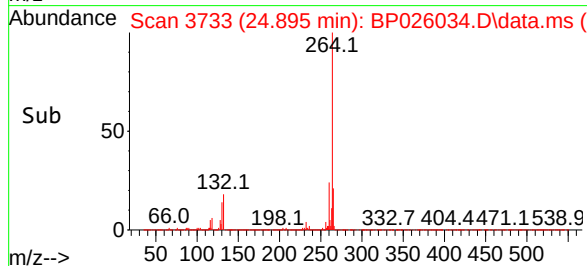
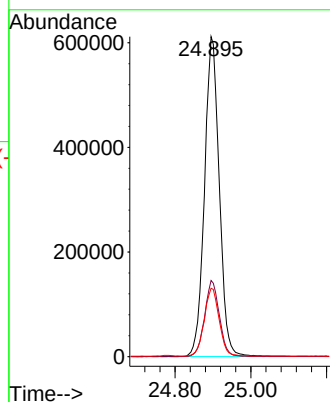
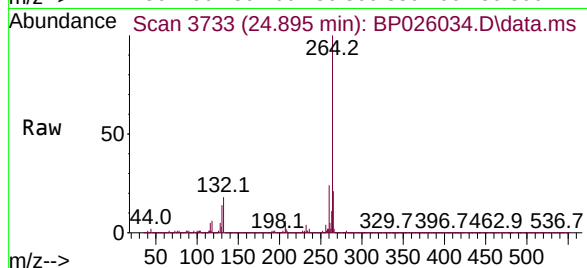
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:264 Resp: 1658930

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.2	25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 66.237 ng

RT: 28.665 min Scan# 4374

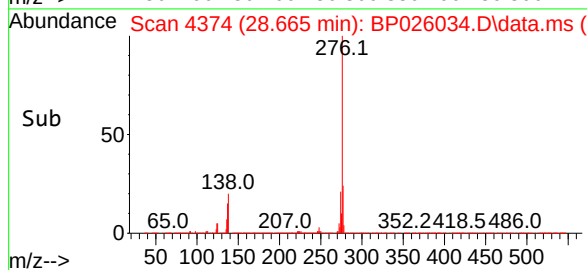
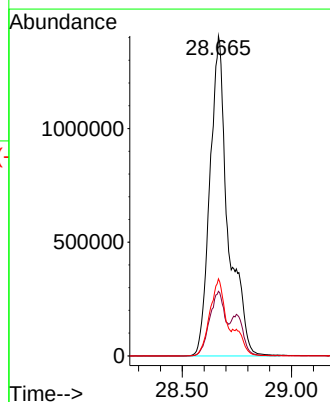
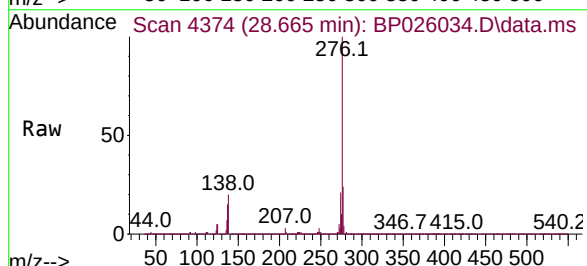
Delta R.T. 0.006 min

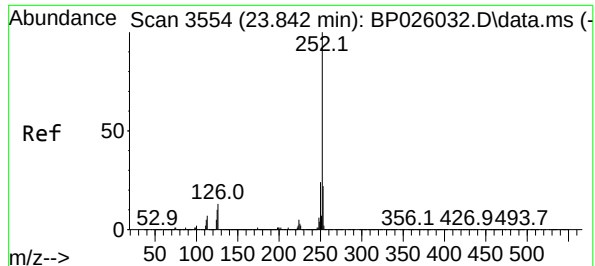
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:276 Resp: 8109098

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.2	19.8
277	20.2	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 65.011 ng

RT: 23.848 min Scan# 3554

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

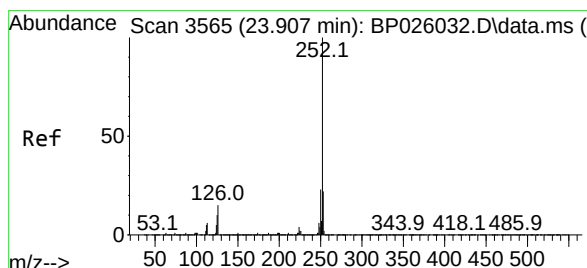
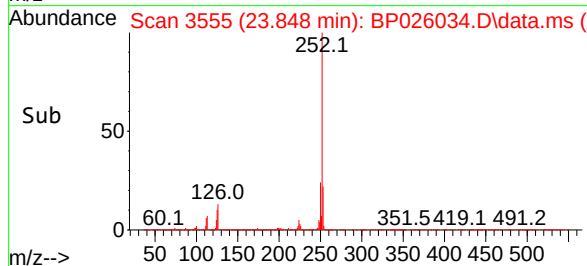
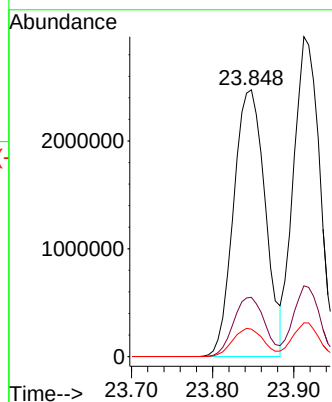
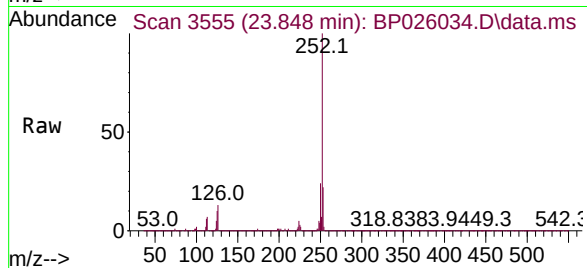
Tgt Ion:252 Resp: 6695122

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.3 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 63.737 ng

RT: 23.912 min Scan# 3566

Delta R.T. -0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

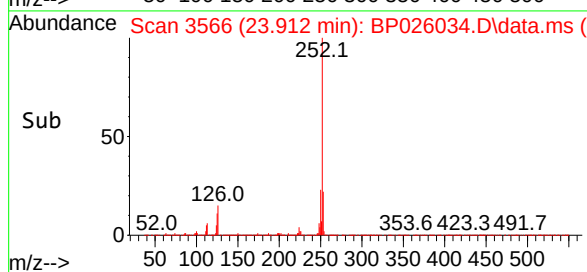
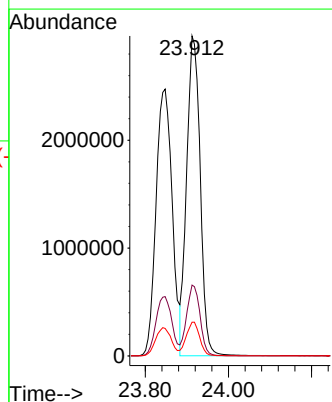
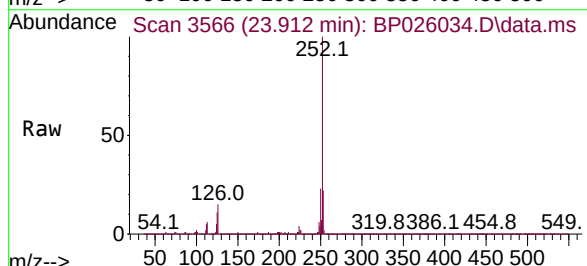
Tgt Ion:252 Resp: 6702900

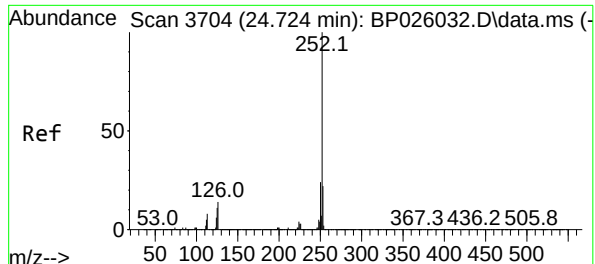
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.5 8.1 12.1





#90

Benzo(a)pyrene

Concen: 65.888 ng

RT: 24.736 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

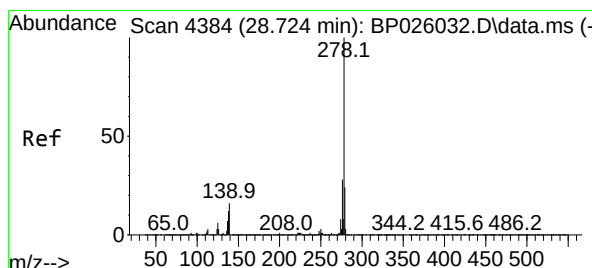
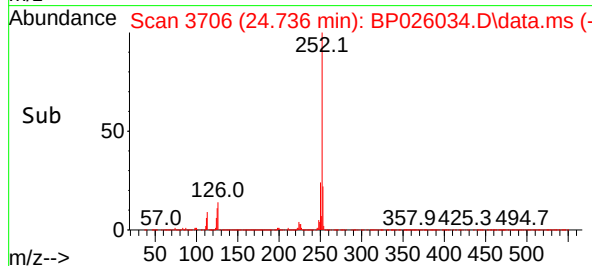
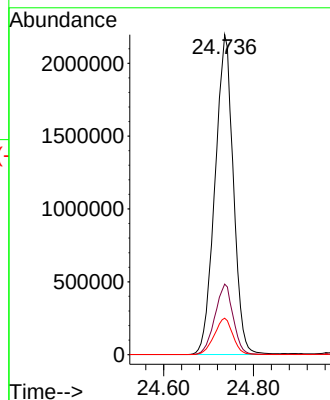
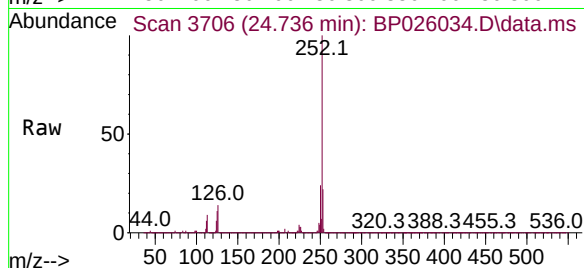
Tgt Ion:252 Resp: 6233786

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.4 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 65.929 ng

RT: 28.759 min Scan# 4390

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

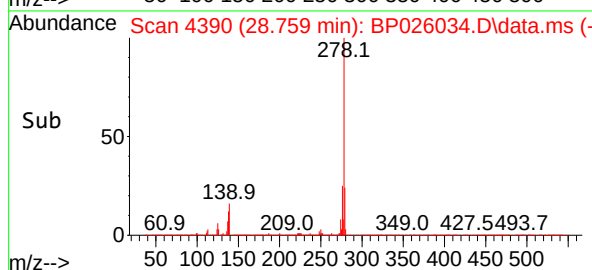
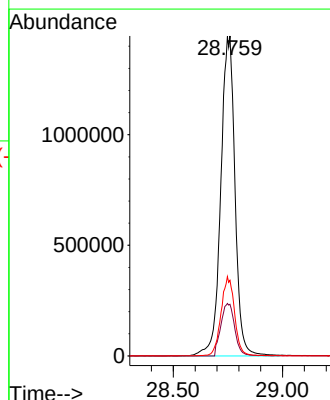
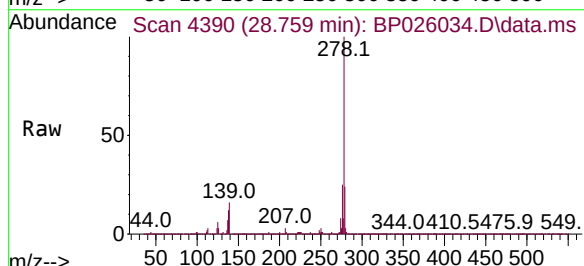
Tgt Ion:278 Resp: 6571045

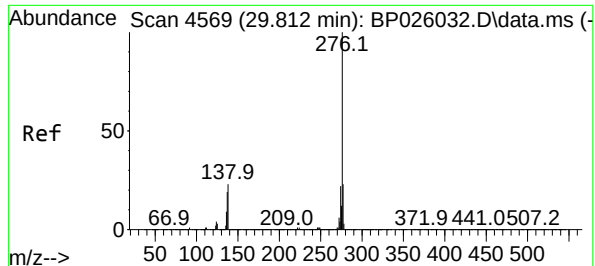
Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.6

279 23.6 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 65.331 ng

RT: 29.830 min Scan# 4572

Delta R.T. 0.000 min

Lab File: BP026034.D

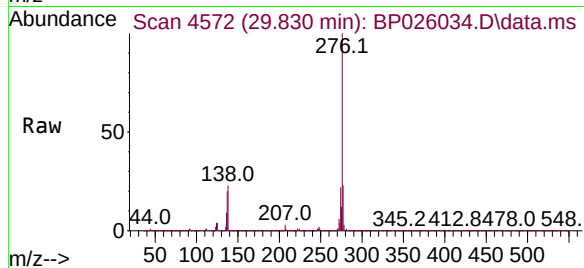
Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



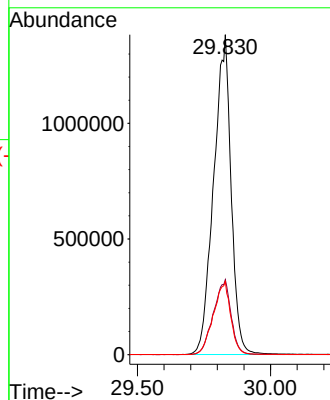
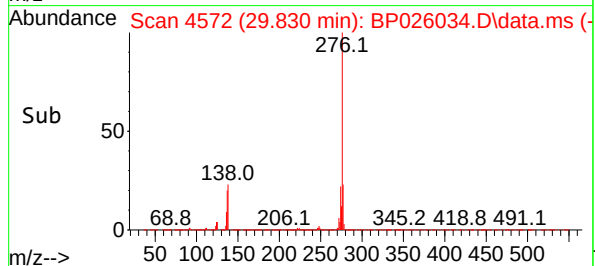
Tgt Ion:276 Resp: 6265775

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 22.8 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026035.D
 Acq On : 29 Oct 2025 14:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	285372	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1176810	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	727864	20.000	ng	0.00
64) Phenanthrene-d10	17.124	188	1454350	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1518010	20.000	ng	0.00
86) Perylene-d12	24.883	264	1693006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2853584	165.001	ng	0.00
7) Phenol-d6	6.854	99	3663018	166.407	ng	0.00
23) Nitrobenzene-d5	8.825	82	3225718	170.878	ng	0.00
42) 2,4,6-Tribromophenol	15.830	330	1360572	172.904	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	7610514	150.244	ng	0.00
79) Terphenyl-d14	19.865	244	11030199	147.627	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.237	88	581796	79.799	ng	98
3) Pyridine	3.619	79	1683455	81.225	ng	99
4) n-Nitrosodimethylamine	3.537	42	667192	80.319	ng	95
6) Aniline	7.019	93	2386368	81.230	ng	99
8) 2-Chlorophenol	7.254	128	1627396	84.977	ng	98
9) Benzaldehyde	6.831	77	848919	74.188	ng	99
10) Phenol	6.884	94	2009800	82.242	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1555565	80.659	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1739151	79.076	ng	99
13) 1,4-Dichlorobenzene	7.725	146	1760668	79.178	ng	100
14) 1,2-Dichlorobenzene	8.031	146	1691085	79.697	ng	100
15) Benzyl Alcohol	7.913	79	1329833	83.801	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.201	45	2262252	77.614	ng	99
17) 2-Methylphenol	8.113	107	1342933	83.922	ng	99
18) Hexachloroethane	8.760	117	623268	81.910	ng	99
19) n-Nitroso-di-n-propyla...	8.490	70	1125887	82.397	ng	97
20) 3+4-Methylphenols	8.443	107	1820304	81.769	ng	99
22) Acetophenone	8.495	105	2326587	78.173	ng	99
24) Nitrobenzene	8.866	77	1665956	83.585	ng	99
25) Isophorone	9.390	82	3260235	80.688	ng	100
27) 2,4-Dimethylphenol	9.631	122	1434677	84.436	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	2010418	78.950	ng	99
29) 2,4-Dichlorophenol	10.095	162	1524906	84.998	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1545459	79.255	ng	99
31) Naphthalene	10.501	128	5003853	77.974	ng	99
32) Benzoic acid	9.778	122	1000336	79.140	ng	97
33) 4-Chloroaniline	10.595	127	2008519	81.448	ng	99
34) Hexachlorobutadiene	10.795	225	976216	78.780	ng	99
35) Caprolactam	11.384	113	526808	83.619	ng	94
36) 4-Chloro-3-methylphenol	11.731	107	1587177	84.393	ng	99
37) 2-Methylnaphthalene	12.113	142	3532026	78.637	ng	99
38) 1-Methylnaphthalene	12.336	142	3416923	78.306	ng	99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1802921	79.720	ng	100
41) Hexachlorocyclopentadiene	12.478	237	732085	88.474	ng	96
43) 2,4,6-Trichlorophenol	12.725	196	1201855	89.908	ng	100
44) 2,4,5-Trichlorophenol	12.795	196	1327296	87.017	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026035.D
 Acq On : 29 Oct 2025 14:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.136	154	4347017	77.997	ng	100
47) 2-Chloronaphthalene	13.172	162	3434628	78.326	ng	100
48) 2-Nitroaniline	13.378	65	958497	84.358	ng	96
49) Acenaphthylene	14.036	152	5073069	79.376	ng	100
50) Dimethylphthalate	13.772	163	4187309	79.090	ng	100
51) 2,6-Dinitrotoluene	13.878	165	834638	83.478	ng	99
52) Acenaphthene	14.383	154	3469946	79.085	ng	99
53) 3-Nitroaniline	14.207	138	995927	81.547	ng	99
54) 2,4-Dinitrophenol	14.419	184	366262	79.098	ng	96
55) Dibenzofuran	14.725	168	5170871	78.003	ng	100
56) 4-Nitrophenol	14.519	139	875195	82.900	ng	100
57) 2,4-Dinitrotoluene	14.678	165	1218227	83.983	ng	98
58) Fluorene	15.383	166	3839303	73.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	1077698	89.860	ng	100
60) Diethylphthalate	15.166	149	4232388	79.517	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1914592	73.822	ng	99
62) 4-Nitroaniline	15.401	138	986852	87.229	ng	97
63) Azobenzene	15.689	77	3723361	77.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.454	198	556384	78.914	ng	97
66) n-Nitrosodiphenylamine	15.601	169	3556221	78.206	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1290917	80.020	ng	98
68) Hexachlorobenzene	16.419	284	1439069	78.359	ng	99
69) Atrazine	16.583	200	1256682	81.924	ng	98
70) Pentachlorophenol	16.766	266	990090	88.261	ng	99
71) Phenanthrene	17.172	178	6425576	75.907	ng	99
72) Anthracene	17.260	178	6487799	77.318	ng	99
73) Carbazole	17.536	167	6270446	78.943	ng	99
74) Di-n-butylphthalate	18.154	149	7283617	81.950	ng	99
75) Fluoranthene	19.260	202	7531112	76.268	ng	99
77) Benzidine	19.454	184	3400762	88.260	ng	99
78) Pyrene	19.636	202	7955581	77.487	ng	99
80) Butylbenzylphthalate	20.607	149	3160394	80.010	ng	99
81) Benzo(a)anthracene	21.548	228	8199298	78.602	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2837103	84.414	ng	100
83) Chrysene	21.618	228	7696535	77.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	4903538	77.525	ng	99
85) Di-n-octyl phthalate	22.801	149	8284794	91.682	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	10532958m	84.304	ng	
88) Benzo(b)fluoranthene	23.848	252	8542978	81.284	ng	100
89) Benzo(k)fluoranthene	23.924	252	8579950	79.943	ng	99
90) Benzo(a)pyrene	24.742	252	8034864	83.215	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	8497246	83.540	ng	99
92) Benzo(g,h,i)perylene	29.830	276	8153149	83.299	ng	99

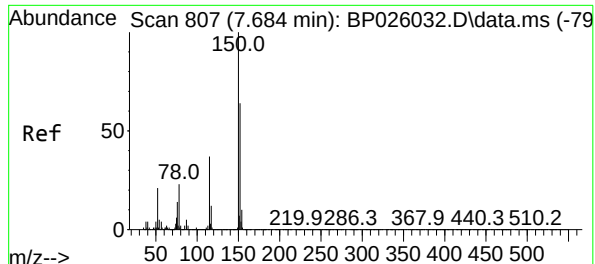
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025





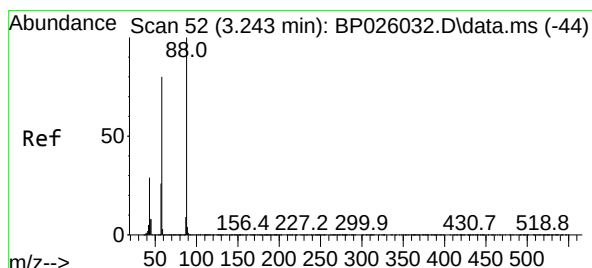
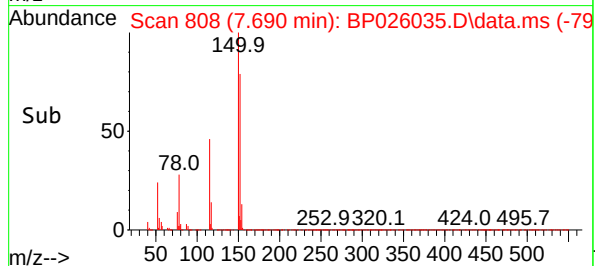
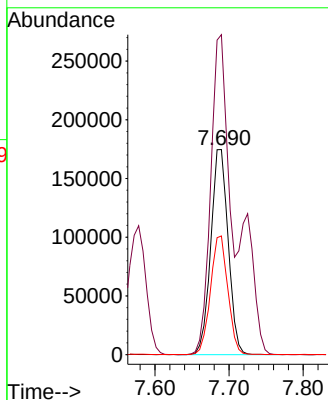
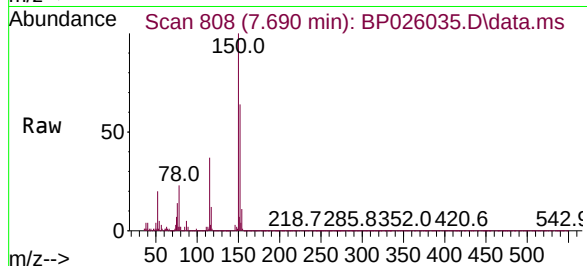
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
Client Sample Id :
SSTDICC080

Tgt Ion: 152 Resp: 285372
Ion Ratio Lower Upper
152 100
150 156.1 125.7 188.5
115 57.9 46.4 69.6

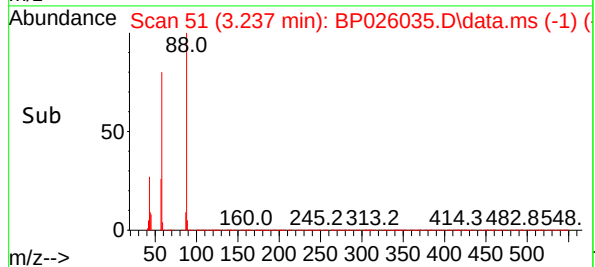
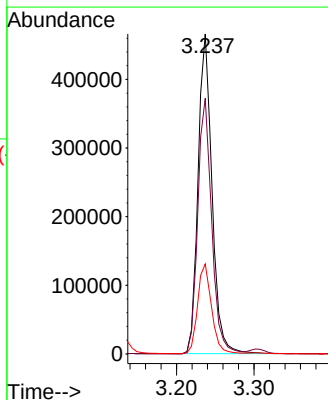
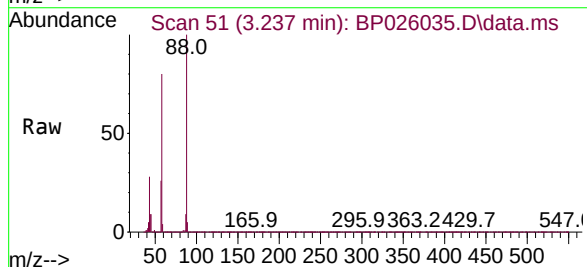
Manual Integrations
APPROVED

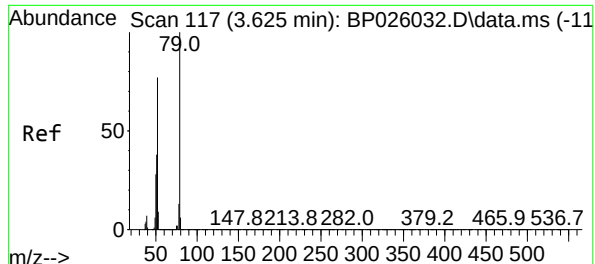
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 79.799 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

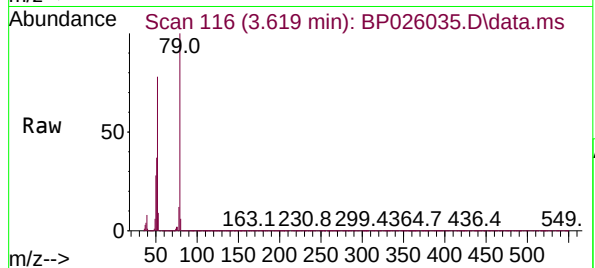
Tgt Ion: 88 Resp: 581796
Ion Ratio Lower Upper
88 100
58 80.1 65.4 98.0
43 28.1 23.1 34.7





#3
Pyridine
Concen: 81.225 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

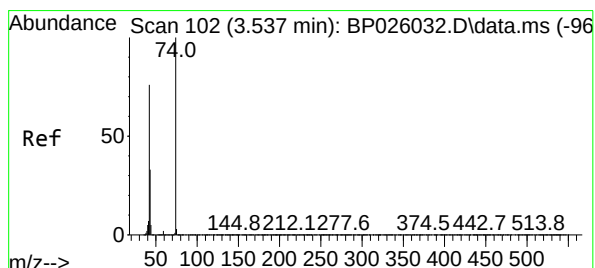
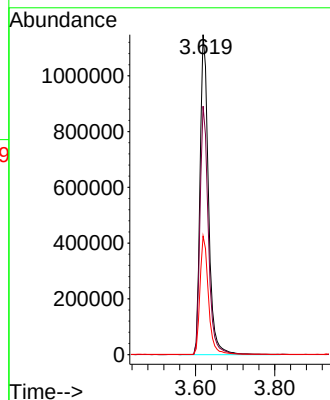
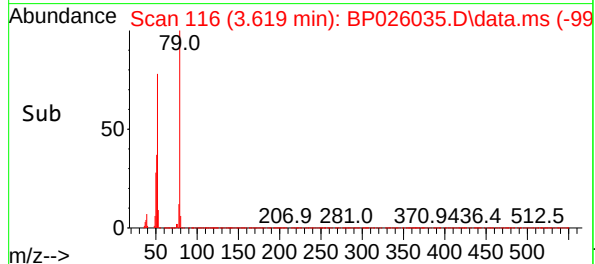
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 168345
Ion Ratio Lower Upper
79 100
52 77.6 62.0 93.0
51 37.0 30.6 46.0

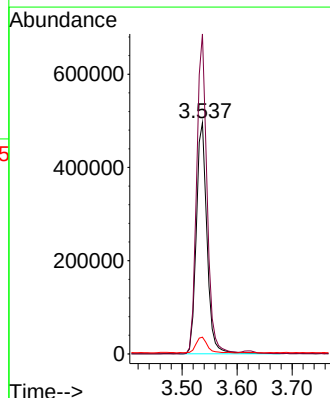
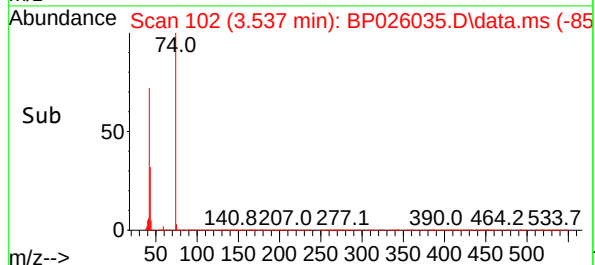
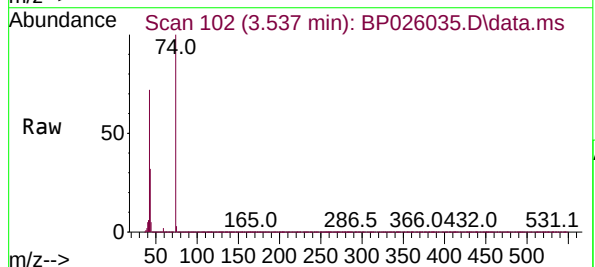
Manual Integrations
APPROVED

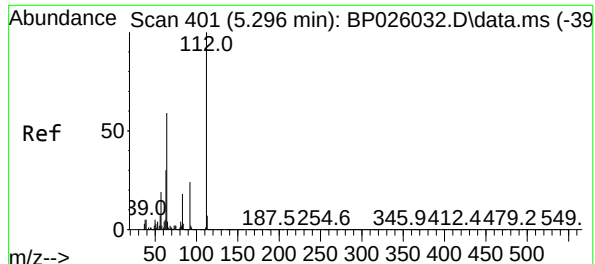
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 80.319 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

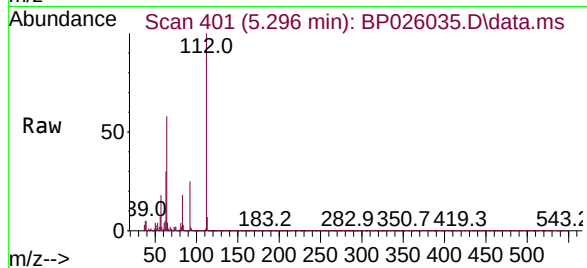
Tgt Ion: 42 Resp: 667192
Ion Ratio Lower Upper
42 100
74 138.5 105.7 158.5
44 7.2 6.6 9.8





#5
2-Fluorophenol
Concen: 165.001 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

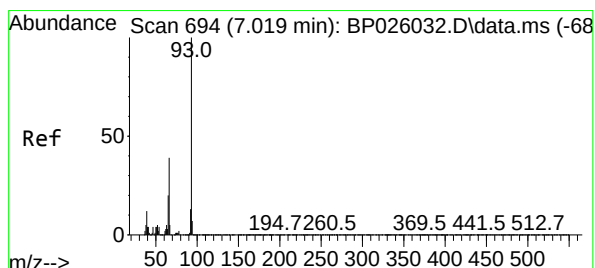
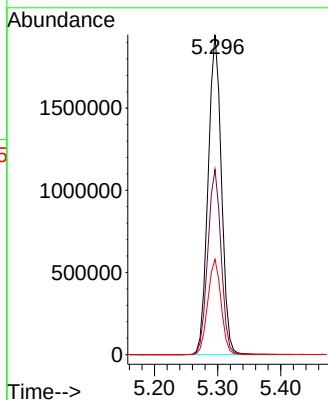
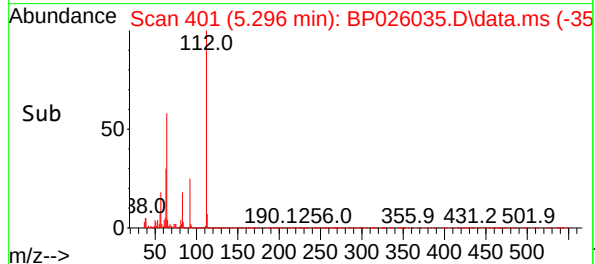
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



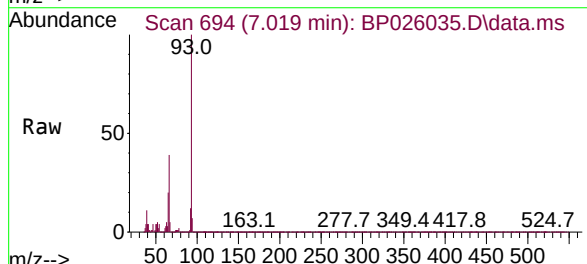
Tgt Ion: 112 Resp: 2853584
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 29.8 24.2 36.4

Manual Integrations
APPROVED

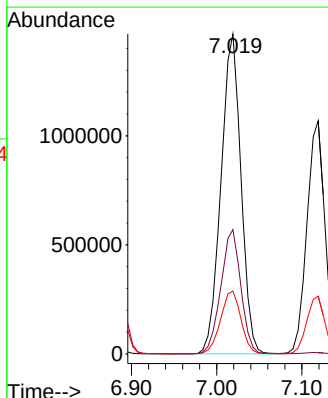
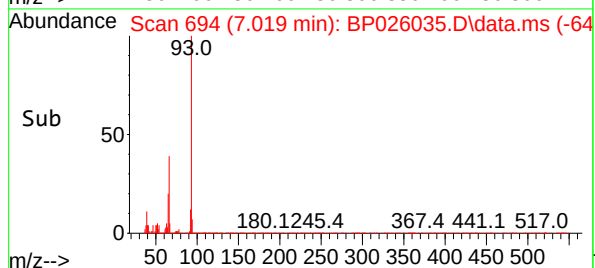
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

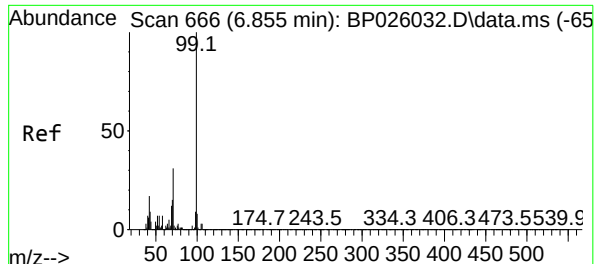


#6
Aniline
Concen: 81.230 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



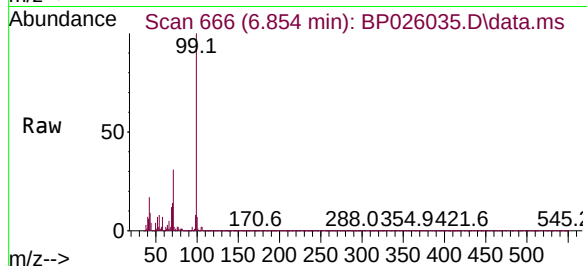
Tgt Ion: 93 Resp: 2386368
Ion Ratio Lower Upper
93 100
66 38.8 31.2 46.8
65 19.6 16.1 24.1





#7
Phenol-d6
Concen: 166.407 ng
RT: 6.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

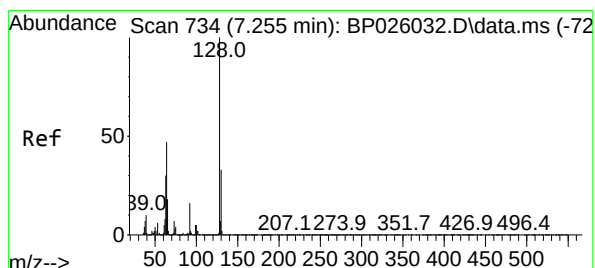
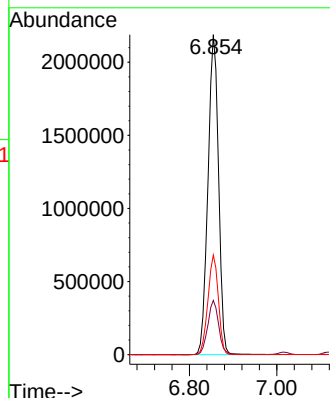
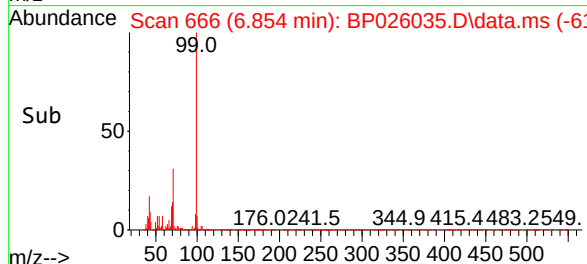
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 3663018
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 31.1 24.4 36.6

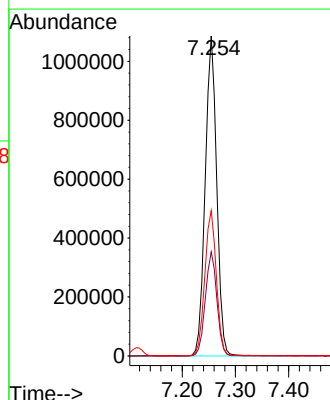
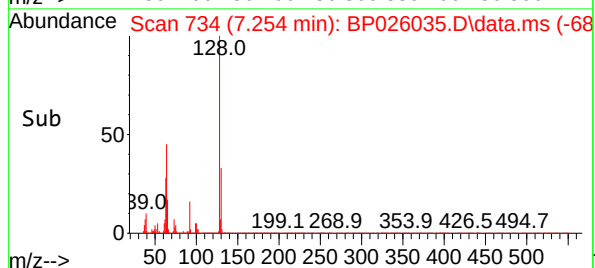
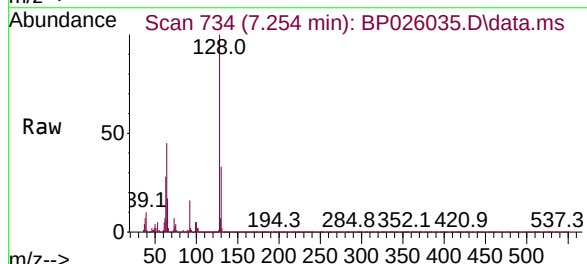
Manual Integrations
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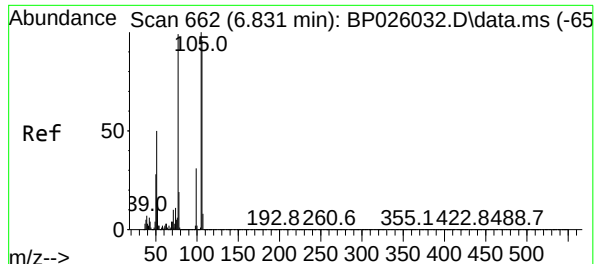
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 84.977 ng
RT: 7.254 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:128 Resp: 1627396
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 45.4 27.4 67.4





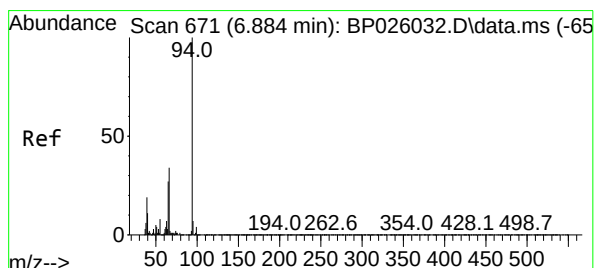
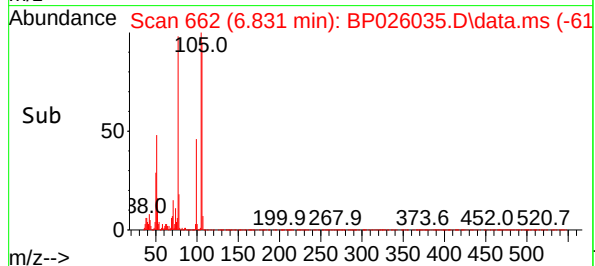
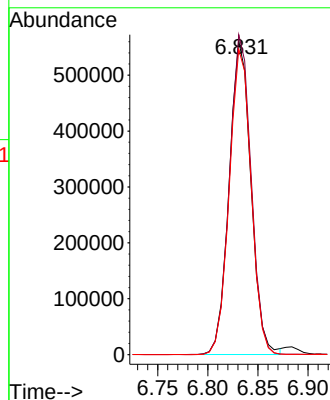
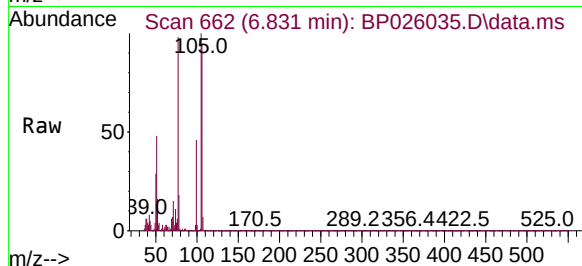
#9
Benzaldehyde
Concen: 74.188 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 848919
Ion Ratio Lower Upper
77 100
105 102.0 80.7 120.7
106 97.3 76.5 116.5

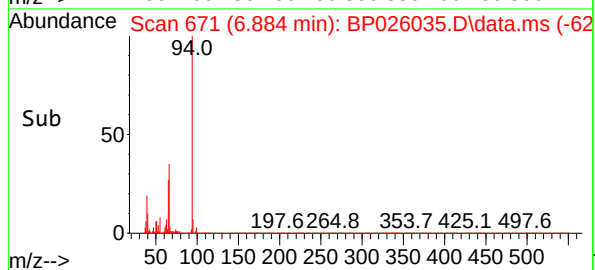
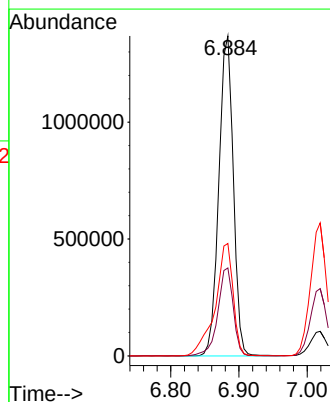
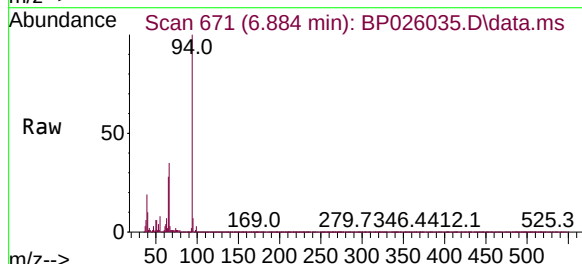
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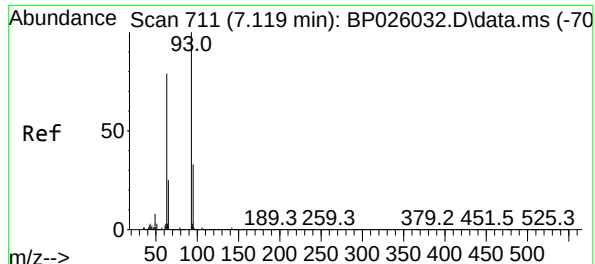
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 82.242 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 94 Resp: 2009800
Ion Ratio Lower Upper
94 100
65 27.5 7.1 47.1
66 35.1 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 80.659 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 155556

Ion Ratio Lower Upper

93 100

63 78.7 59.1 99.1

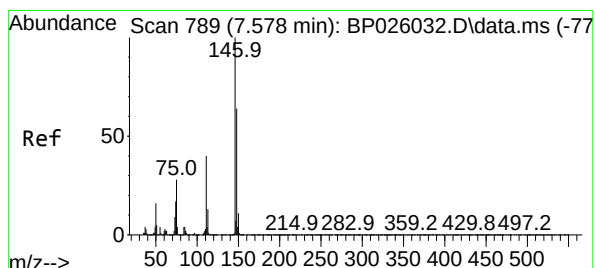
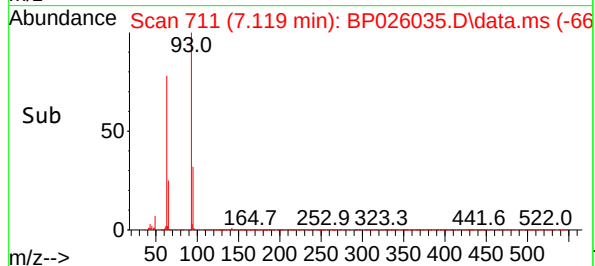
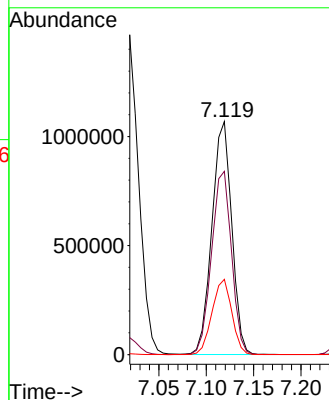
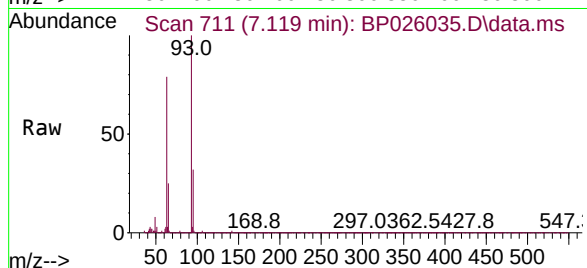
95 32.3 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 79.076 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

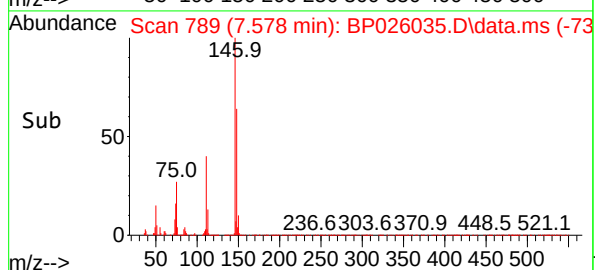
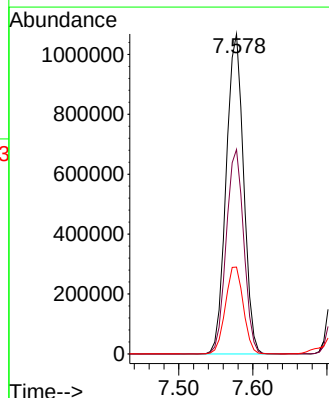
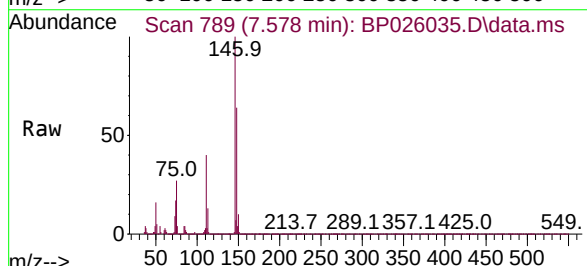
Tgt Ion:146 Resp: 1739151

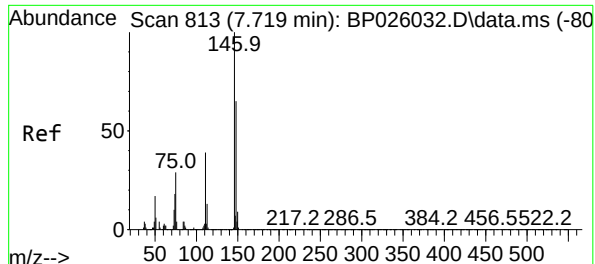
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 27.1 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 79.178 ng

RT: 7.725 min Scan# 813

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1760668

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

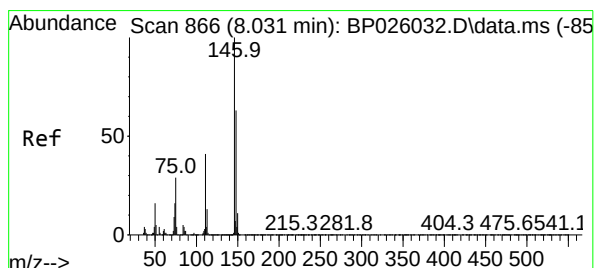
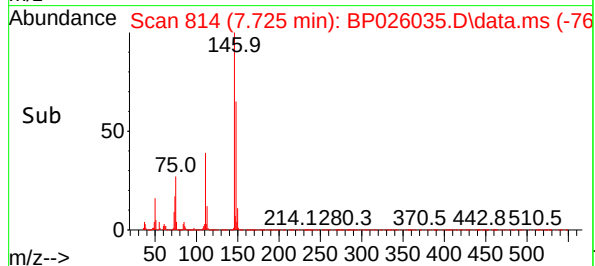
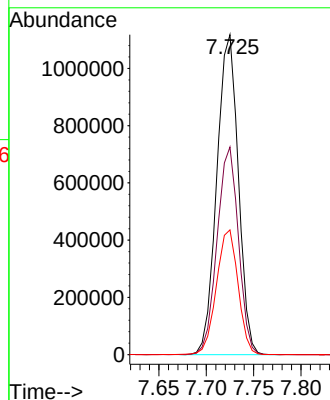
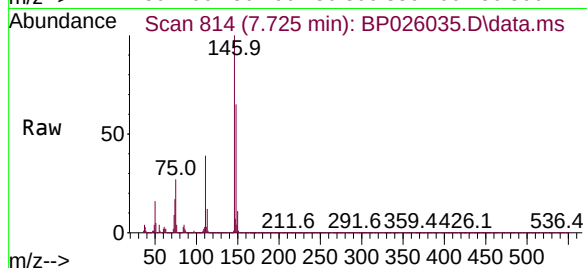
111 39.0 31.3 46.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 79.697 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

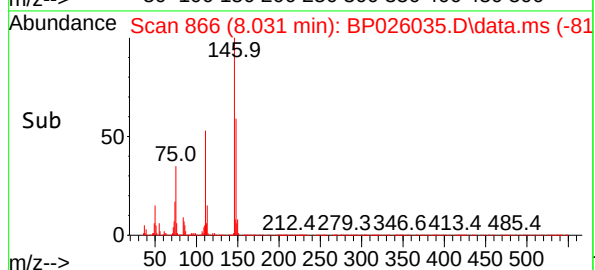
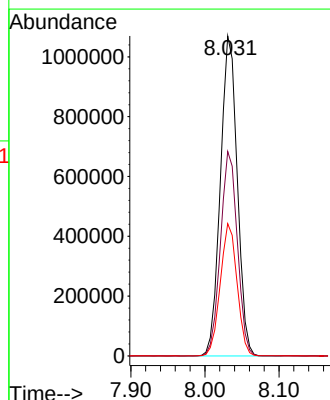
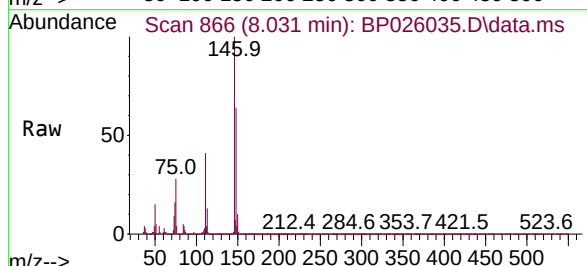
Tgt Ion:146 Resp: 1691085

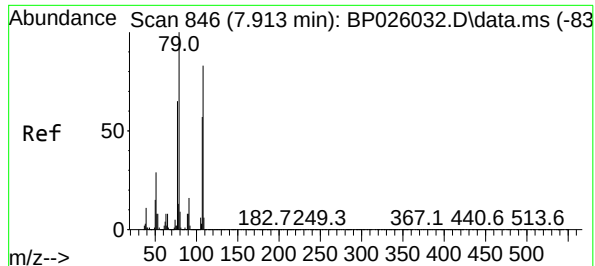
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 41.4 33.0 49.4





#15

Benzyl Alcohol

Concen: 83.801 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1329833

Ion Ratio Lower Upper

79 100

108 81.3 66.0 99.0

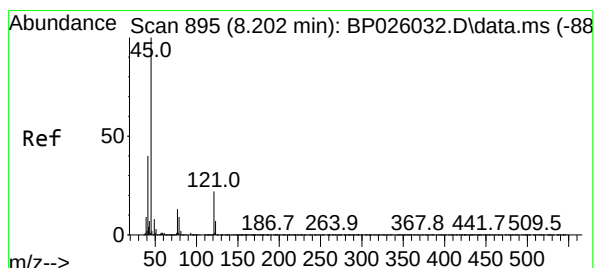
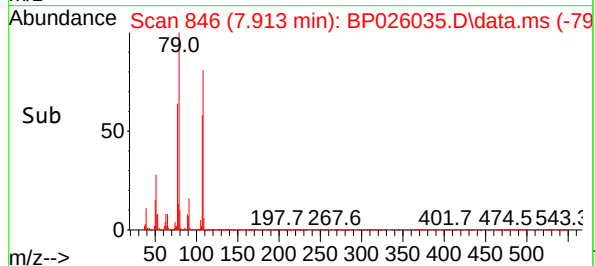
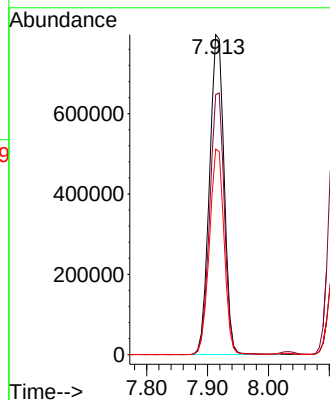
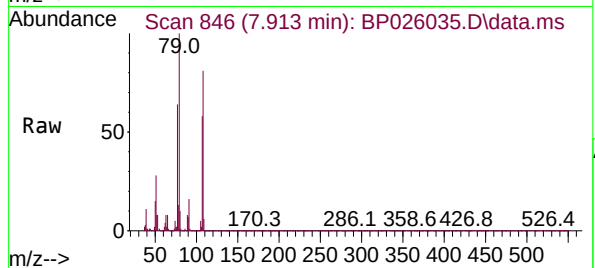
77 64.2 52.3 78.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.614 ng

RT: 8.201 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

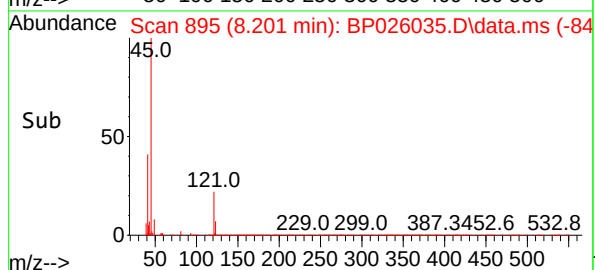
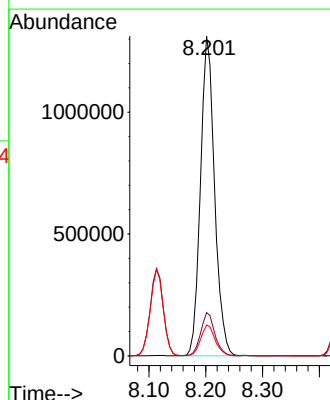
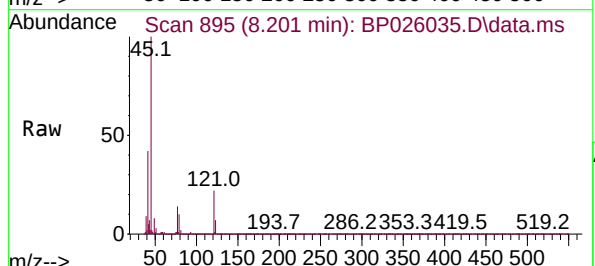
Tgt Ion: 45 Resp: 2262252

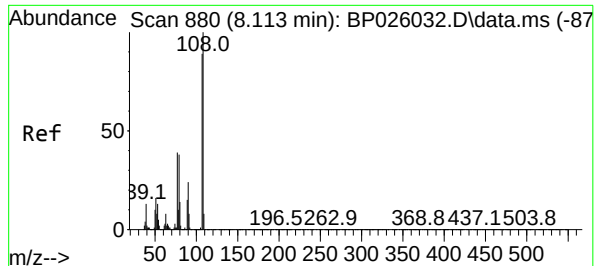
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

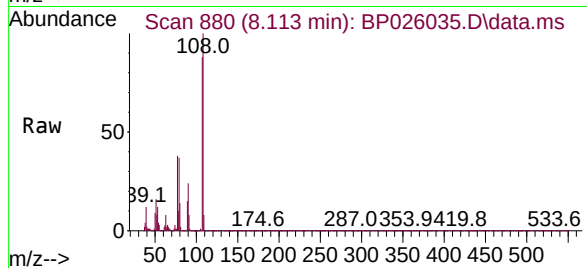
79 9.7 0.0 29.5





#17
2-Methylphenol
Concen: 83.922 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

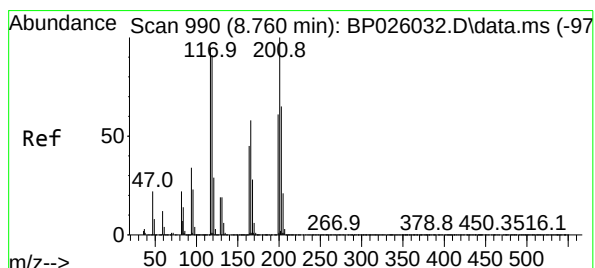
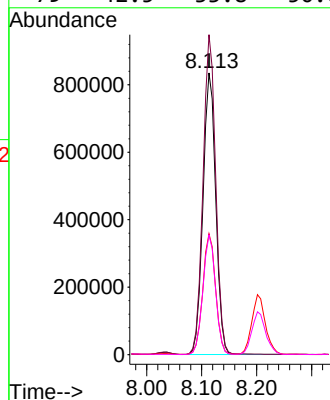
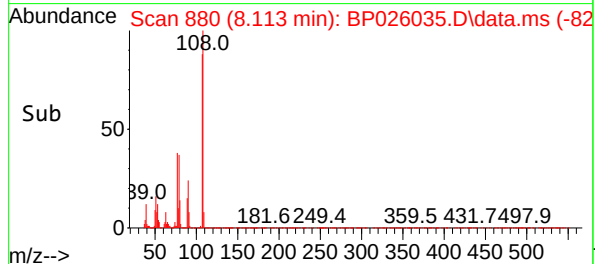
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1342933
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.8
77 42.9 34.8 52.2
79 42.5 33.8 50.6

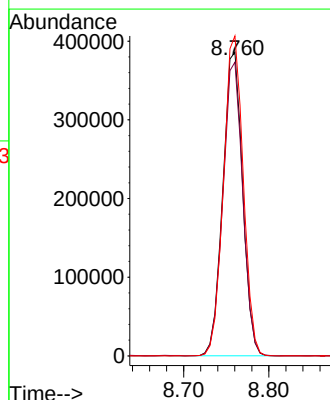
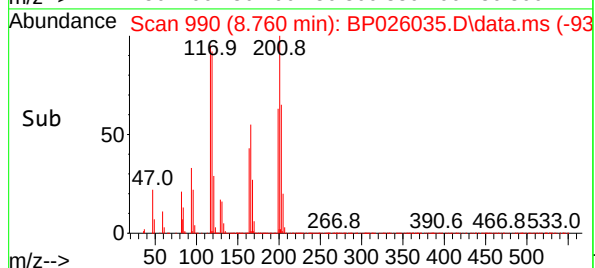
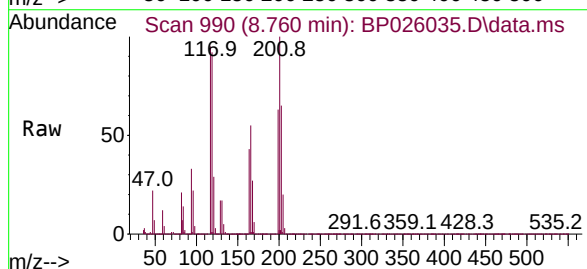
Manual Integrations
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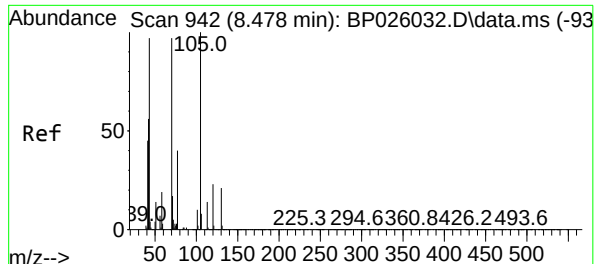
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 81.910 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:117 Resp: 623268
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
201 105.4 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 82.397 ng

RT: 8.490 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 112588

Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 10.3 8.2 12.2

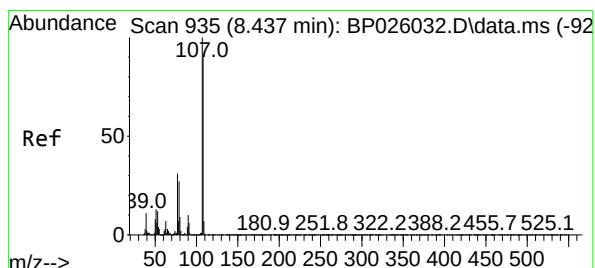
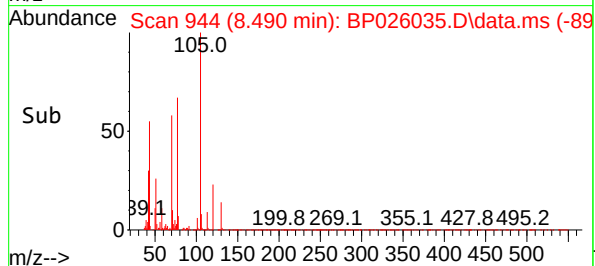
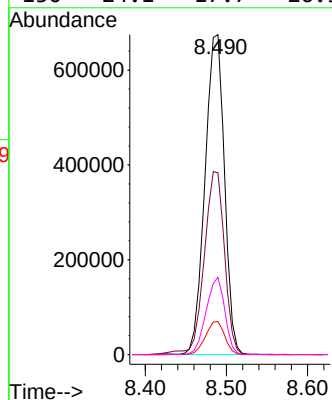
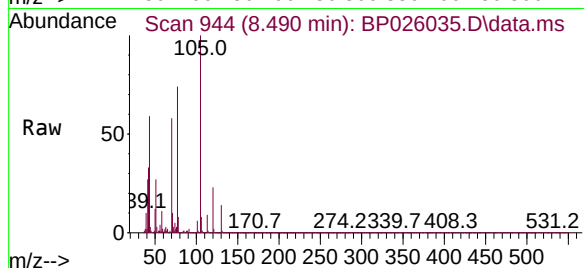
130 24.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 81.769 ng

RT: 8.443 min Scan# 936

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:107 Resp: 1820304

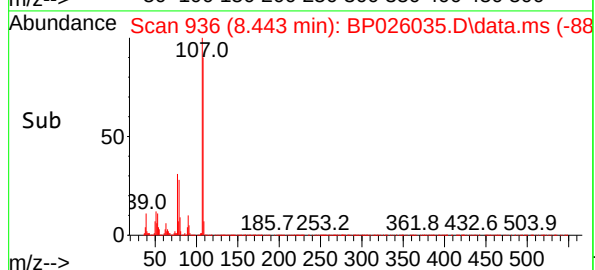
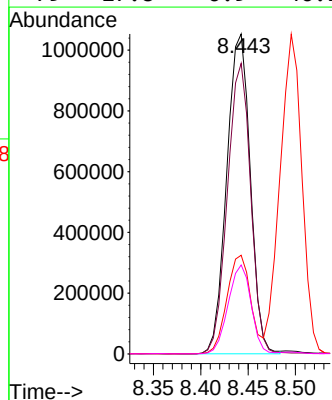
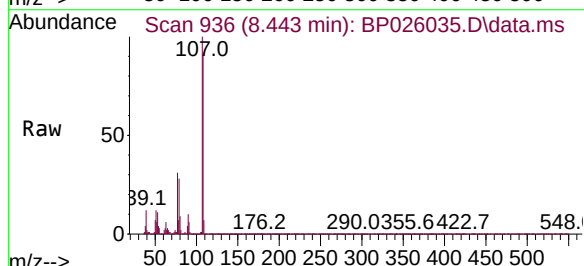
Ion Ratio Lower Upper

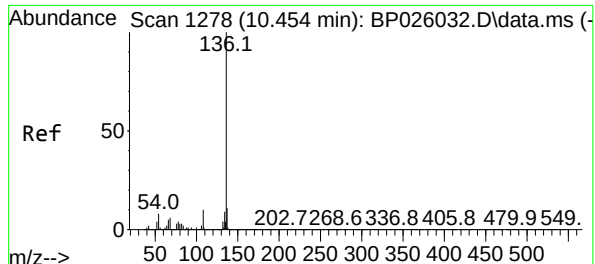
107 100

108 90.8 70.1 110.1

77 30.8 10.7 50.7

79 27.8 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 1176810

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 6.6 10.0

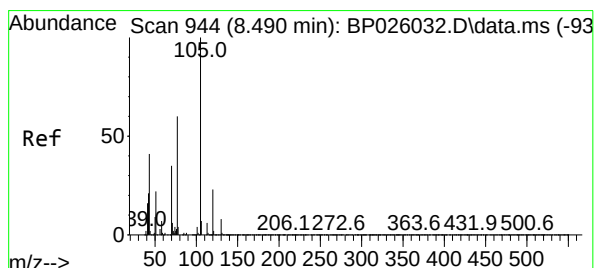
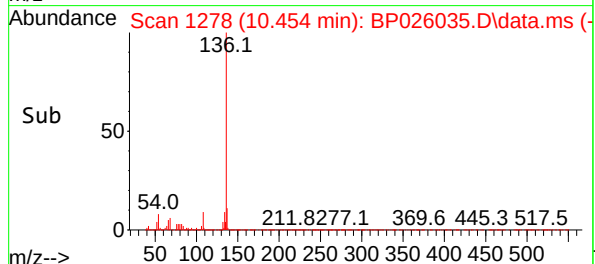
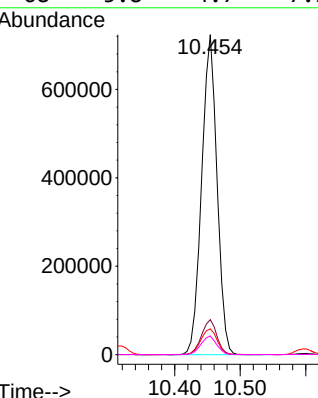
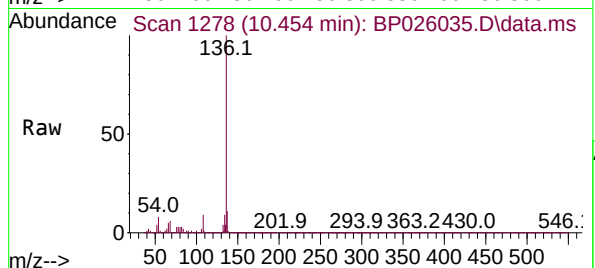
68 5.8 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 78.173 ng

RT: 8.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:105 Resp: 2326587

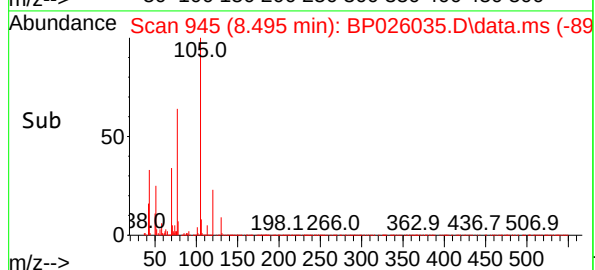
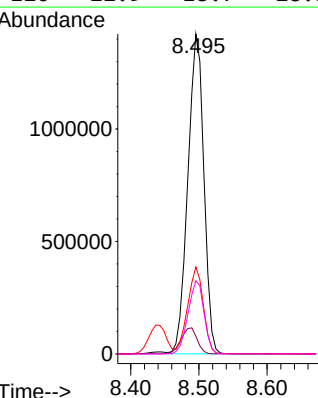
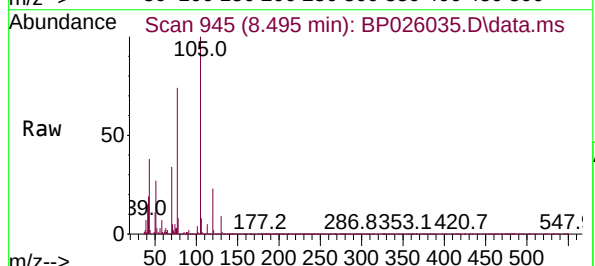
Ion Ratio Lower Upper

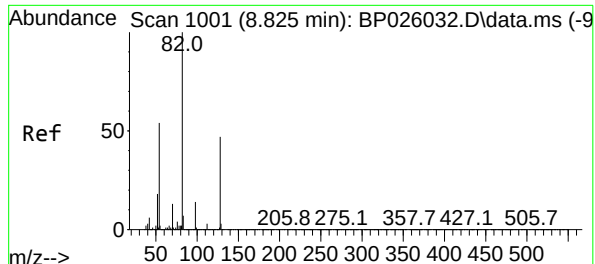
105 100

71 5.5 4.7 7.1

51 27.1 21.8 32.8

120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 170.878 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3225718

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.0

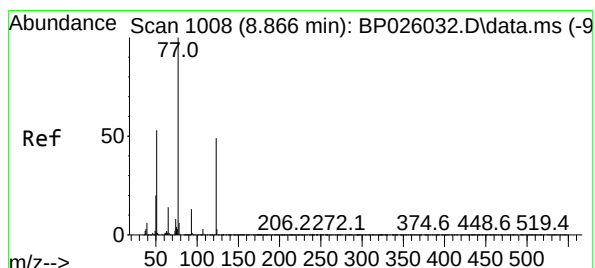
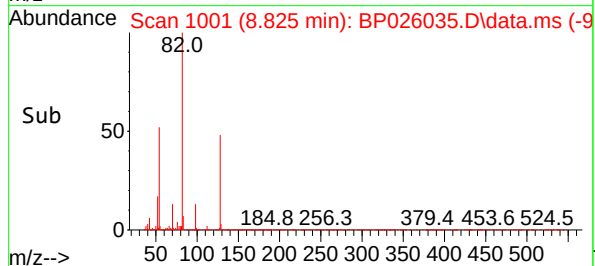
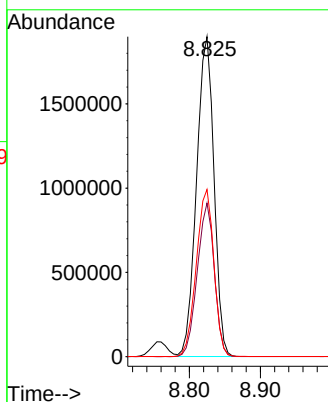
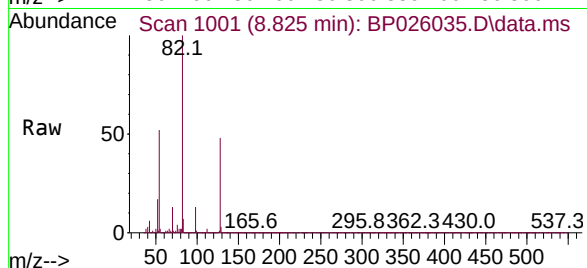
54 52.2 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 83.585 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

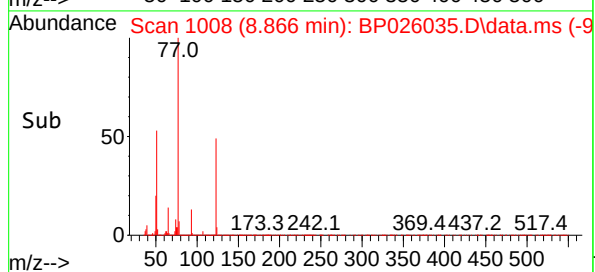
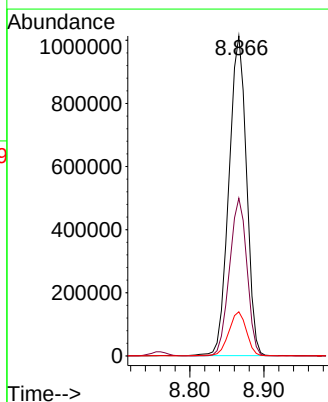
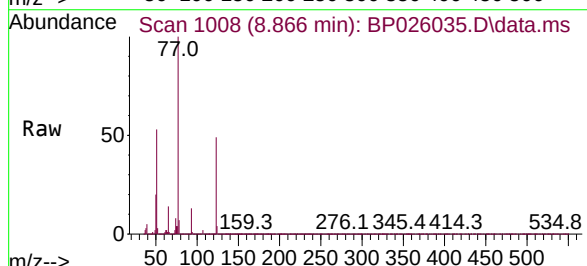
Tgt Ion: 77 Resp: 1665956

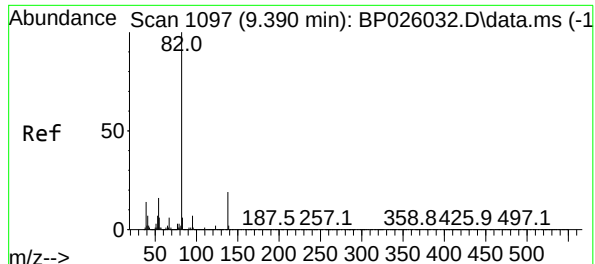
Ion Ratio Lower Upper

77 100

123 49.3 39.0 58.4

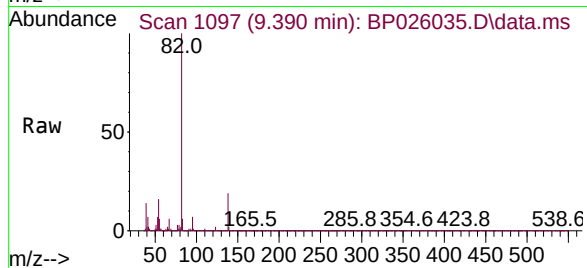
65 13.8 10.9 16.3





#25
Isophorone
Concen: 80.688 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

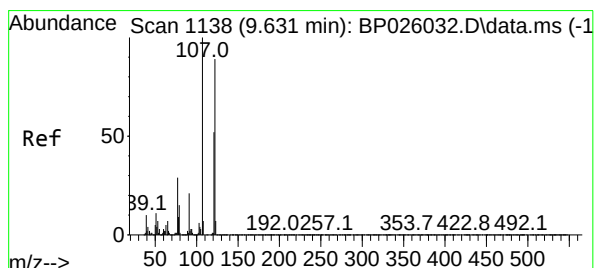
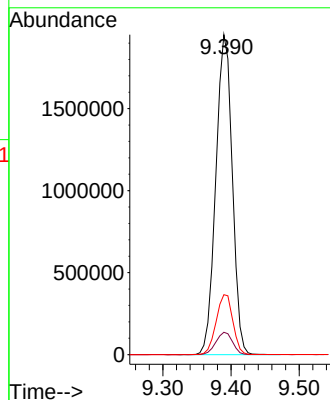
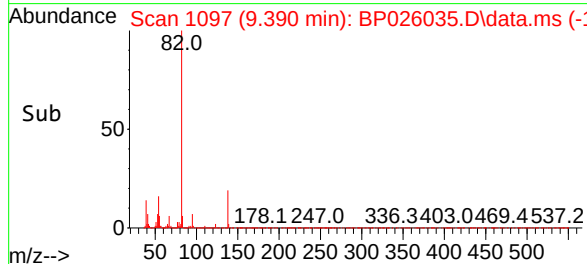
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



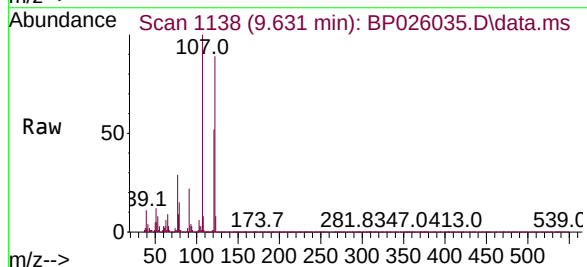
Tgt Ion: 82 Resp: 3260235
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.7 15.0 22.6

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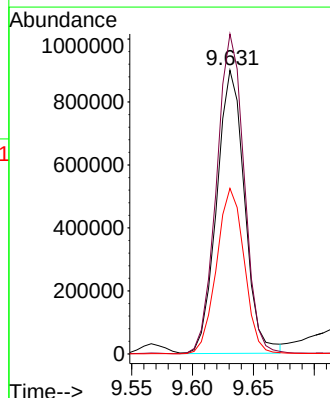
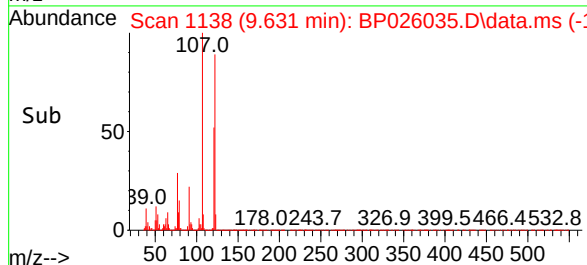
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

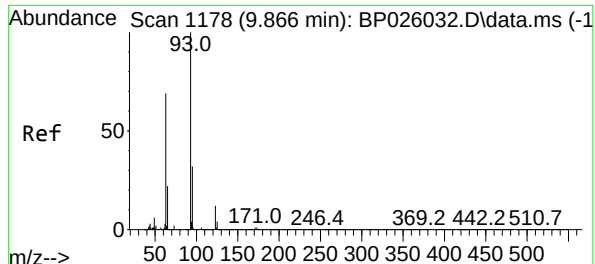


#27
2,4-Dimethylphenol
Concen: 84.436 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



Tgt Ion:122 Resp: 1434677
Ion Ratio Lower Upper
122 100
107 112.8 89.2 133.8
121 58.4 46.3 69.5





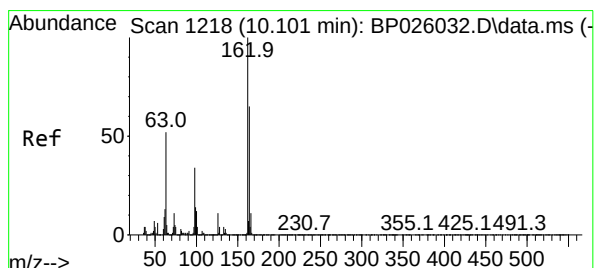
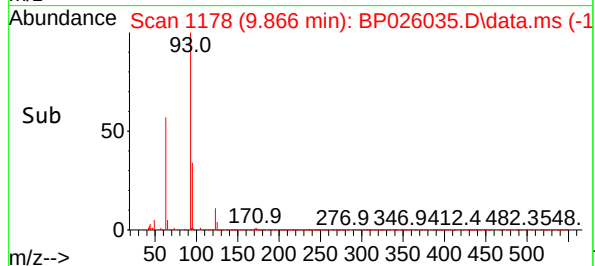
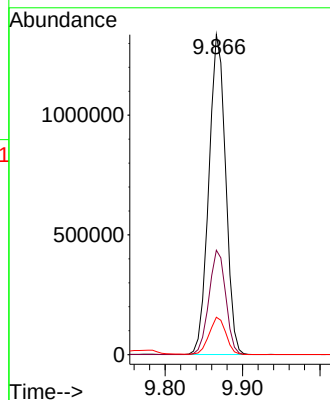
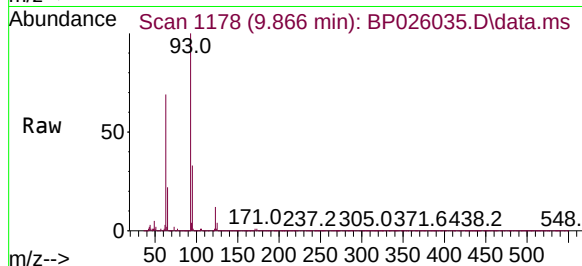
#28
bis(2-Chloroethoxy)methane
Concen: 78.950 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 2010418
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 11.7 9.3 13.9

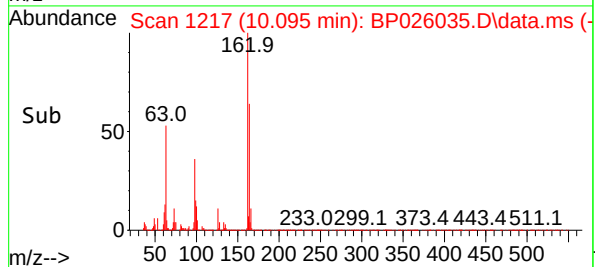
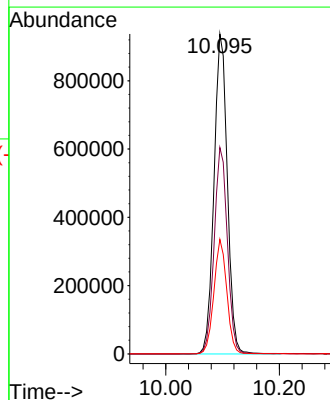
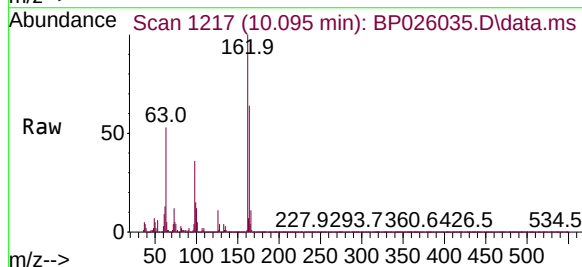
Manual Integrations
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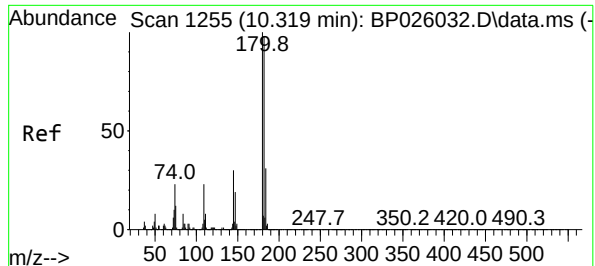
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#29
2,4-Dichlorophenol
Concen: 84.998 ng
RT: 10.095 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

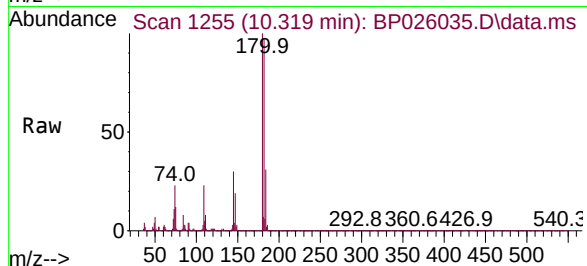
Tgt Ion:162 Resp: 1524906
Ion Ratio Lower Upper
162 100
164 64.5 44.6 84.6
98 35.8 14.0 54.0





#30
1,2,4-Trichlorobenzene
Concen: 79.255 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

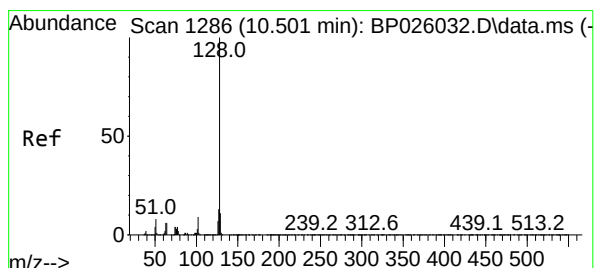
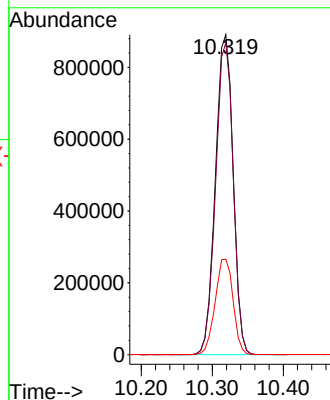
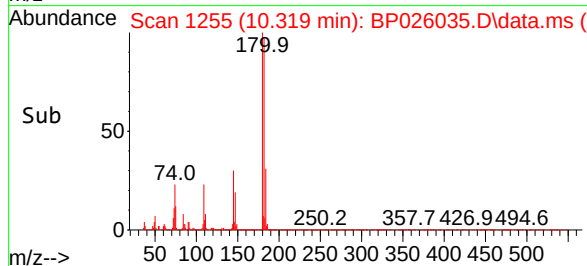
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 1545459
Ion Ratio Lower Upper
180 100
182 97.4 78.6 117.8
145 29.8 24.2 36.4

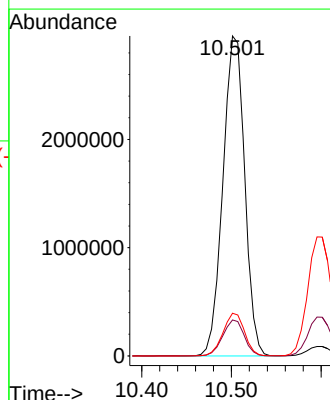
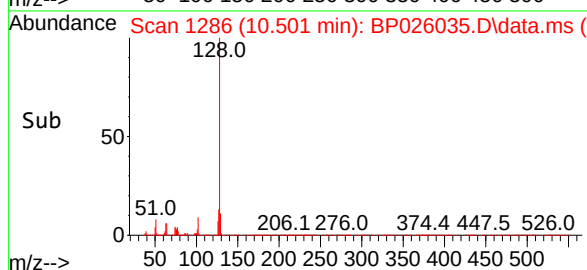
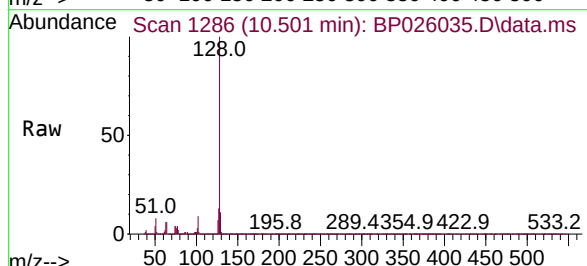
Manual Integrations
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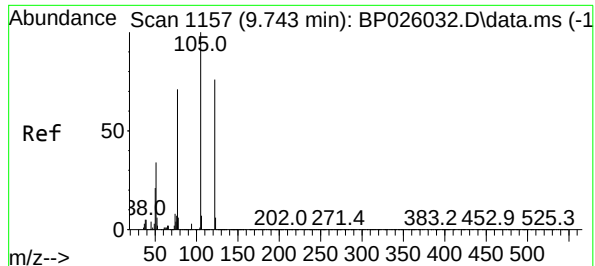
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#31
Naphthalene
Concen: 77.974 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:128 Resp: 5003853
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.5 15.7





#32

Benzoic acid

Concen: 79.140 ng

RT: 9.778 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 1000336

Ion Ratio Lower Upper

122 100

105 119.9 104.8 144.8

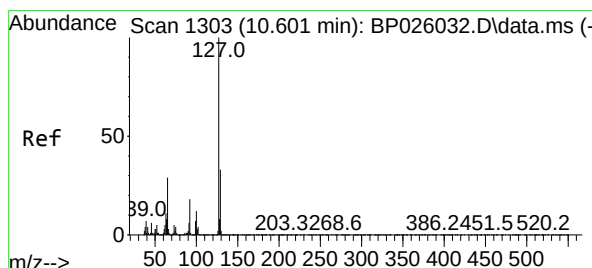
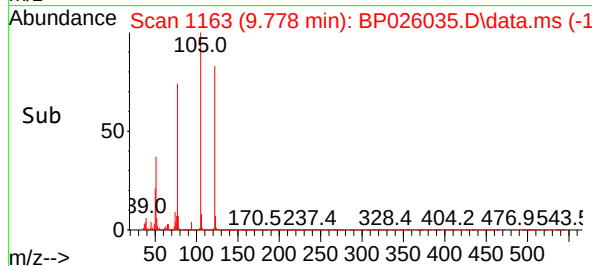
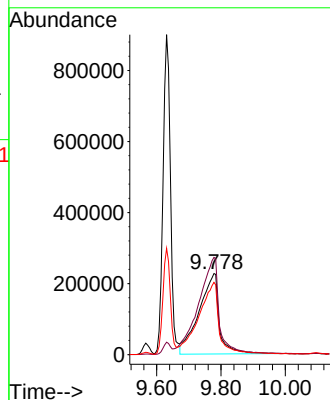
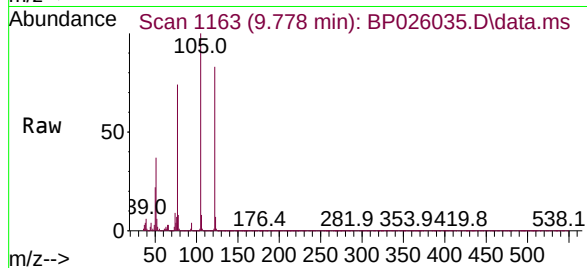
77 89.0 70.9 110.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#33

4-Chloroaniline

Concen: 81.448 ng

RT: 10.595 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:127 Resp: 2008519

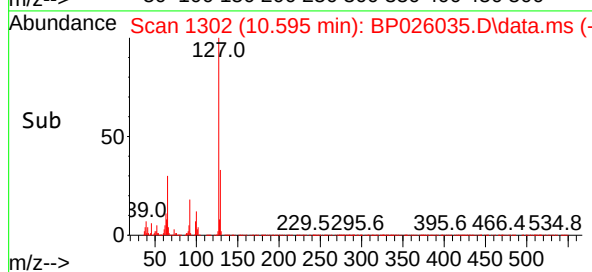
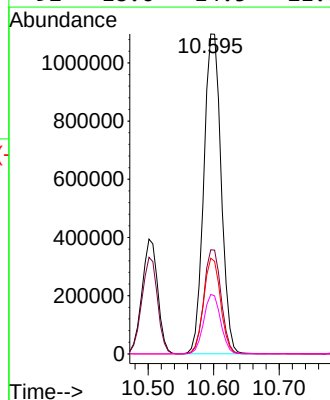
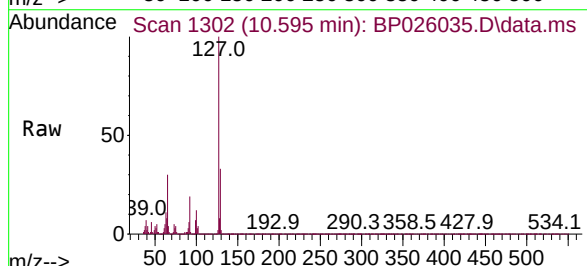
Ion Ratio Lower Upper

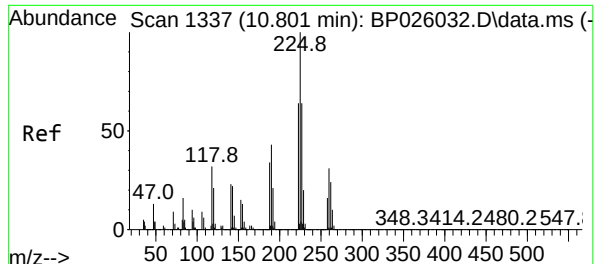
127 100

129 32.5 26.0 39.0

65 29.9 23.2 34.8

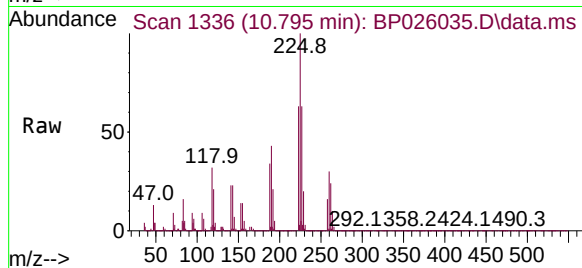
92 18.6 14.5 21.7





#34
Hexachlorobutadiene
Concen: 78.780 ng
RT: 10.795 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

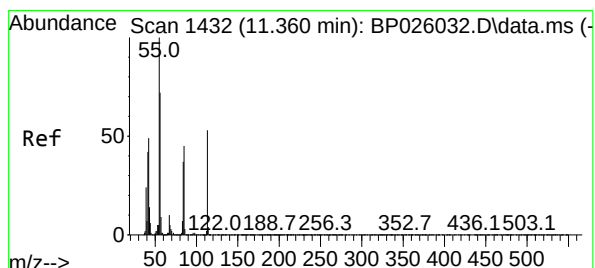
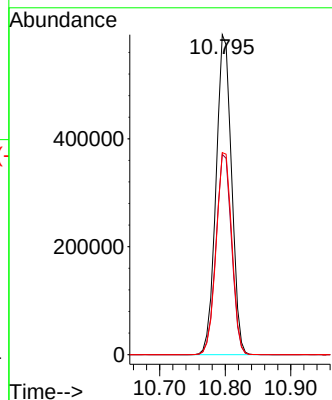
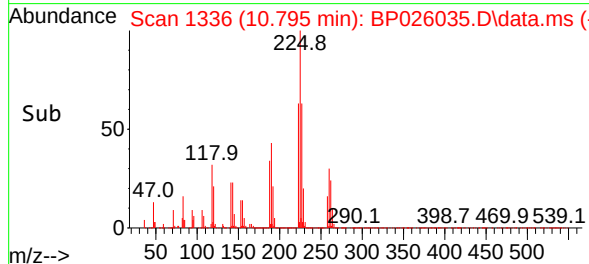
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



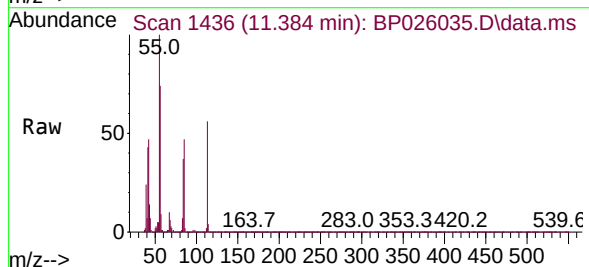
Tgt Ion: 225 Resp: 976216
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 63.1 51.0 76.4

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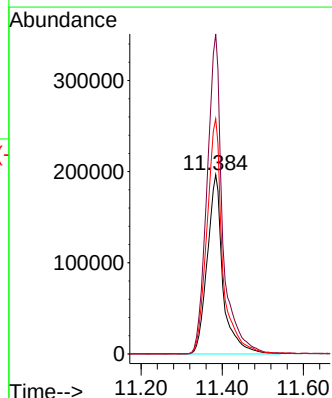
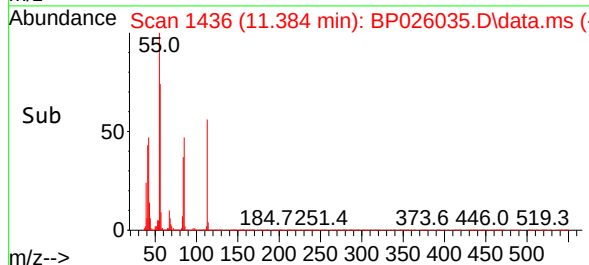
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

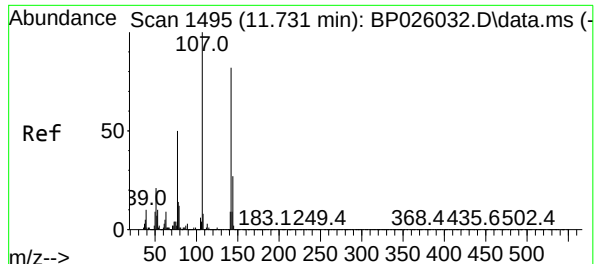


#35
Caprolactam
Concen: 83.619 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



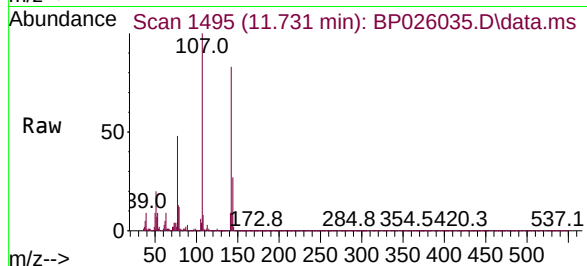
Tgt Ion: 113 Resp: 526808
Ion Ratio Lower Upper
113 100
55 178.6 169.9 209.9
56 131.3 116.7 156.7





#36
4-Chloro-3-methylphenol
Concen: 84.393 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

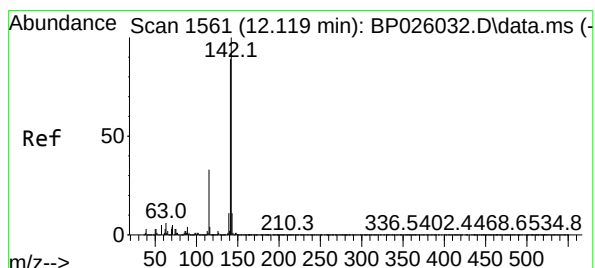
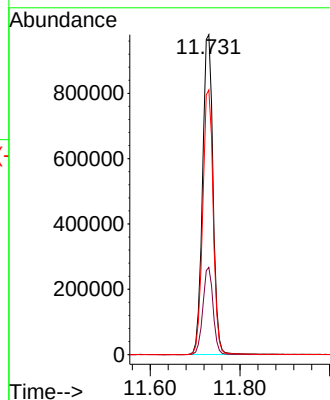
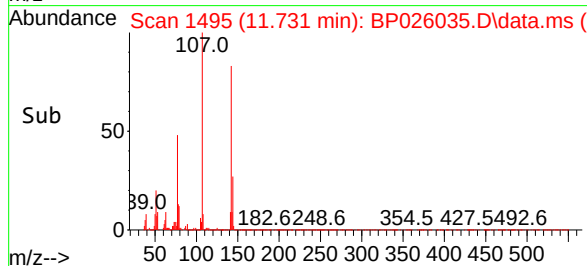
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 158717
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 82.7 65.2 97.8

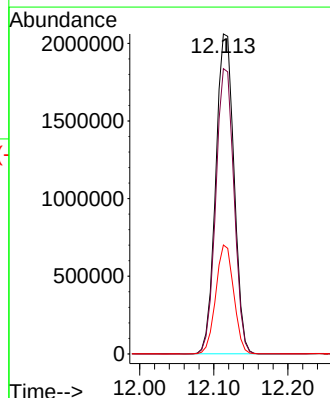
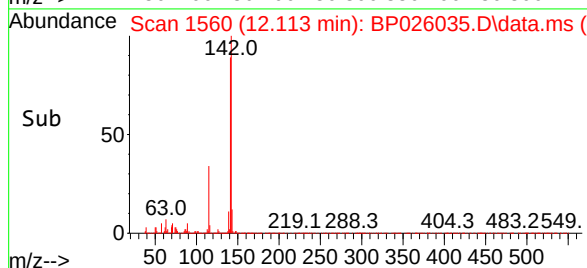
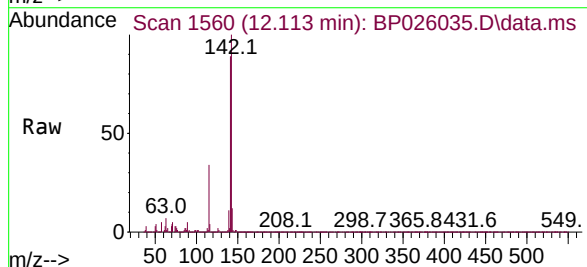
Manual Integrations
APPROVED

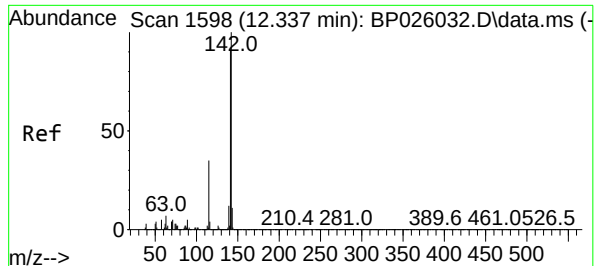
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#37
2-Methylnaphthalene
Concen: 78.637 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

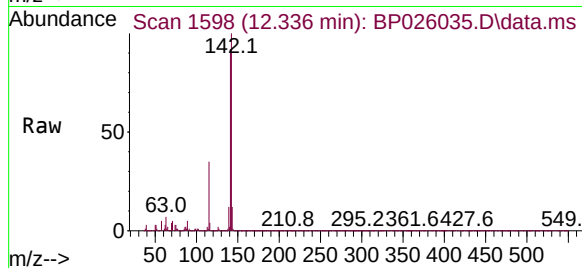
Tgt Ion:142 Resp: 3532026
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 34.0 26.6 39.8





#38
1-Methylnaphthalene
Concen: 78.306 ng
RT: 12.336 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

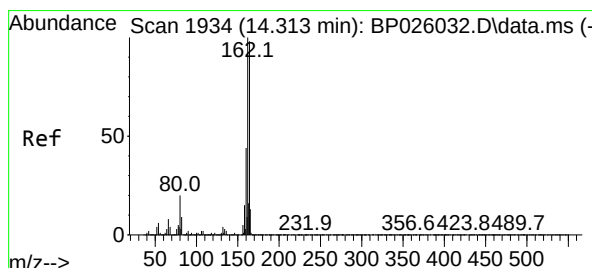
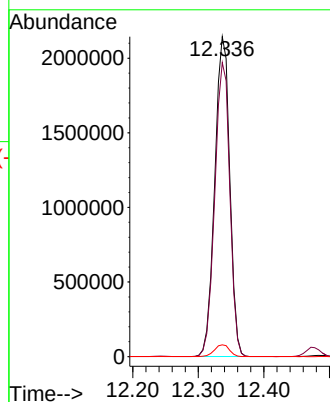
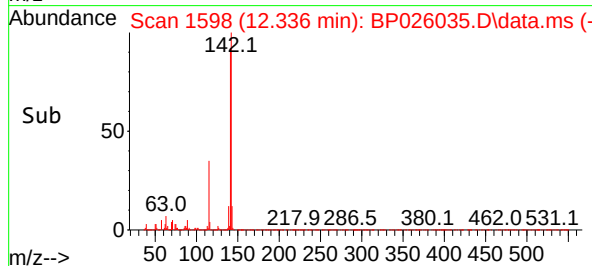
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 3416923
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
116 3.7 2.9 4.3

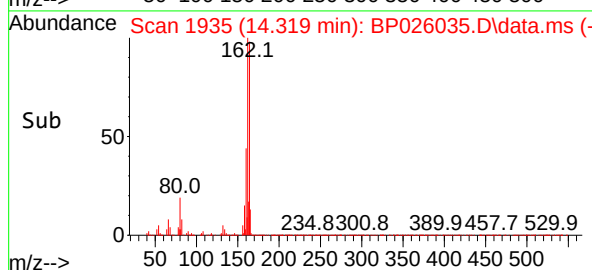
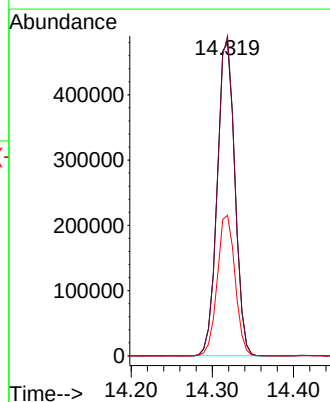
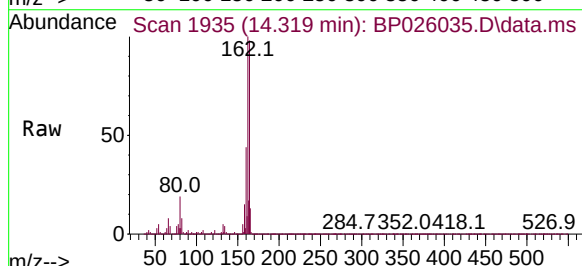
Manual Integrations
APPROVED

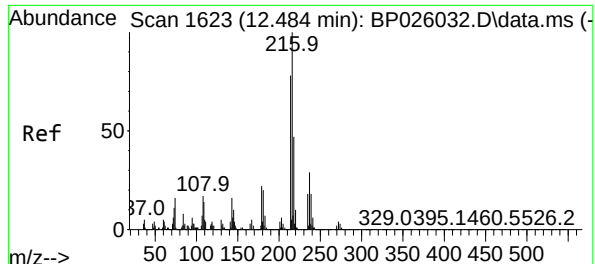
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:164 Resp: 727864
Ion Ratio Lower Upper
164 100
162 102.5 81.5 122.3
160 45.0 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.720 ng

RT: 12.489 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 180292

Ion Ratio Lower Upper

216 100

214 78.5 62.9 94.3

179 20.8 16.9 25.3

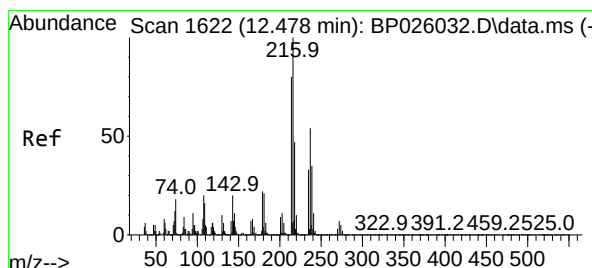
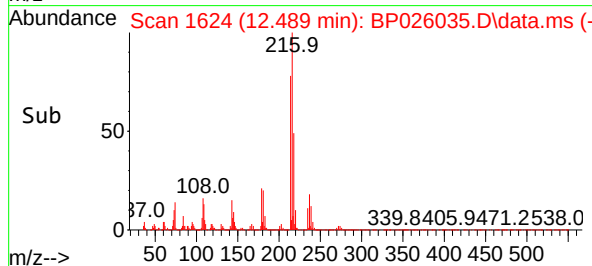
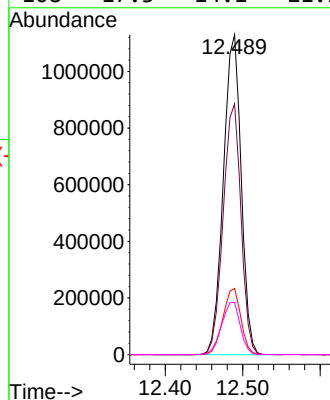
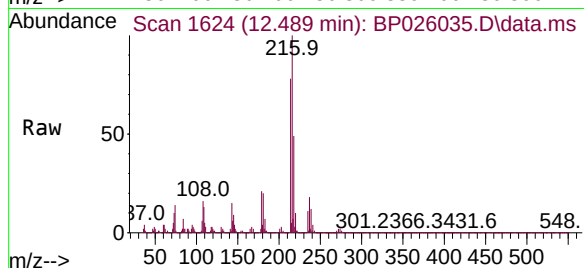
108 17.3 14.1 21.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#41

Hexachlorocyclopentadiene

Concen: 88.474 ng

RT: 12.478 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

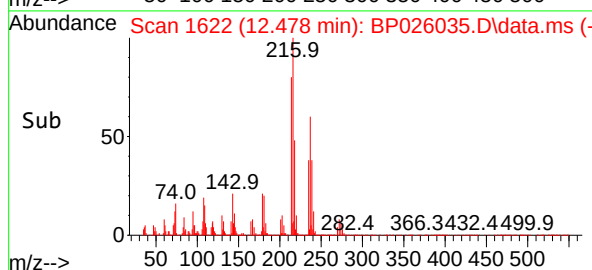
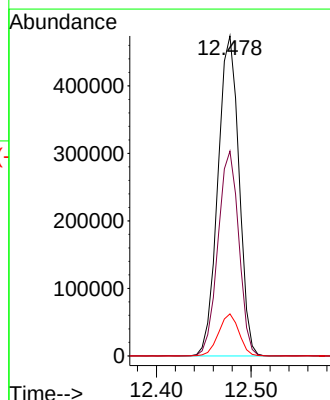
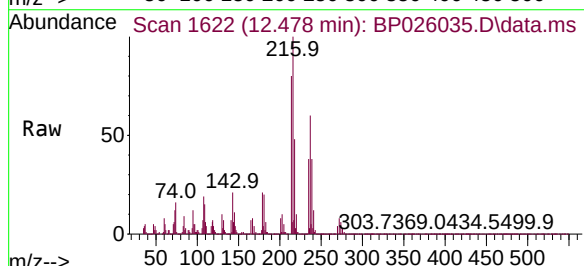
Tgt Ion:237 Resp: 732085

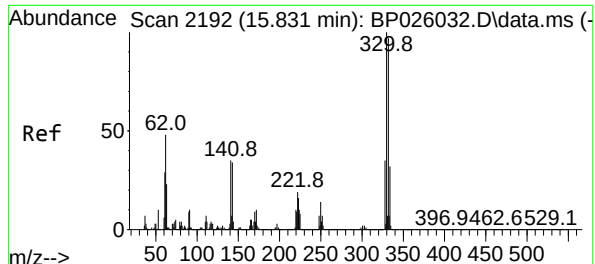
Ion Ratio Lower Upper

237 100

235 64.0 40.4 80.4

272 13.1 0.0 32.2





#42

2,4,6-Tribromophenol

Concen: 172.904 ng

RT: 15.830 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:330 Resp: 1360572

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

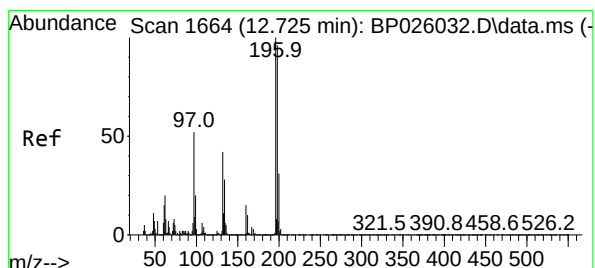
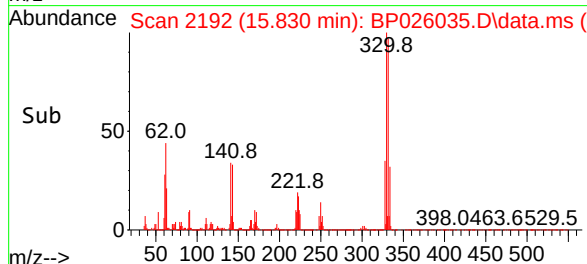
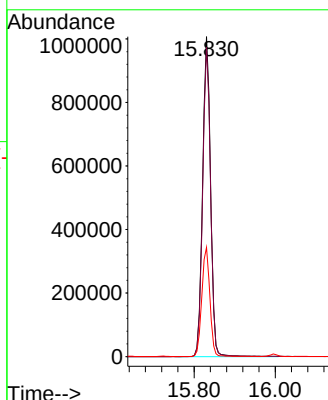
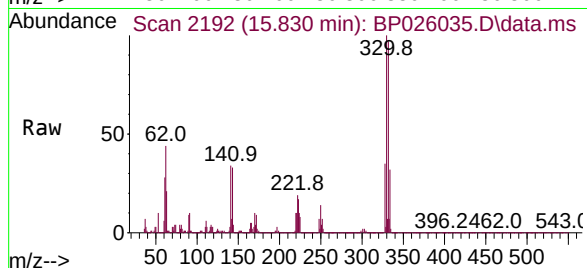
141 34.7 28.6 42.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#43

2,4,6-Trichlorophenol

Concen: 89.908 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

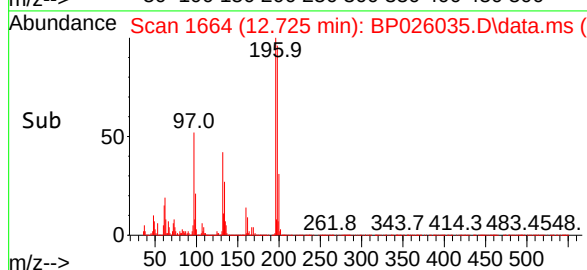
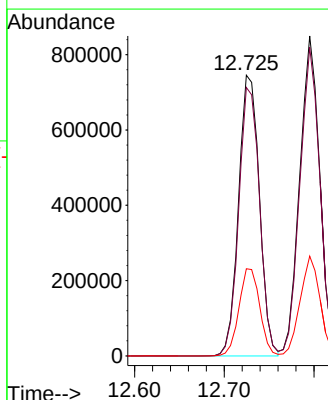
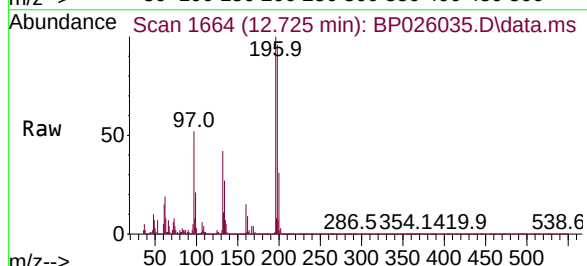
Tgt Ion:196 Resp: 1201855

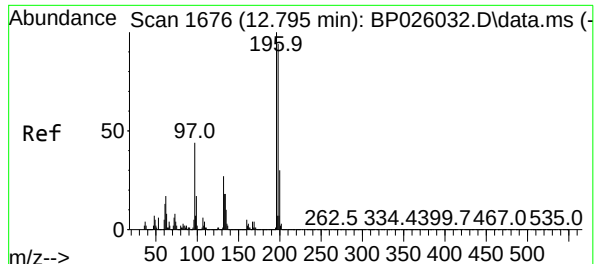
Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

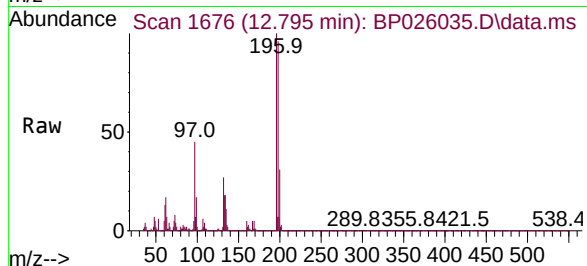
200 31.1 24.4 36.6





#44
2,4,5-Trichlorophenol
Concen: 87.017 ng
RT: 12.795 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

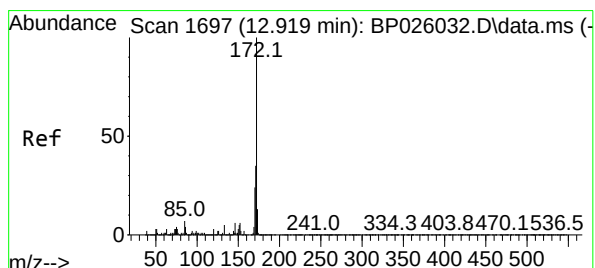
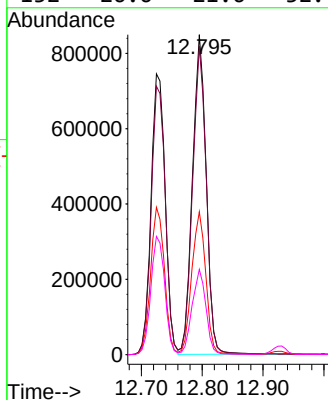
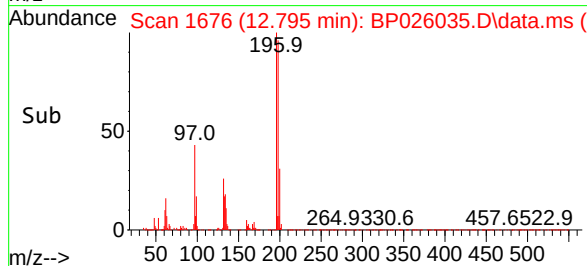
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



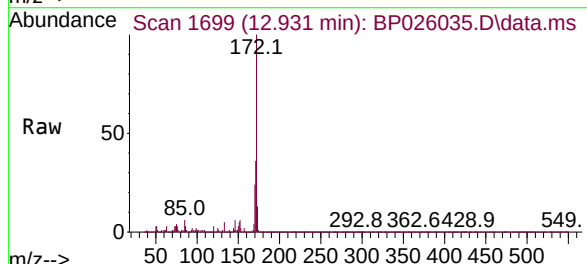
Tgt Ion:196 Resp: 1327296
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
97 44.6 35.5 53.3
132 26.6 21.6 32.4

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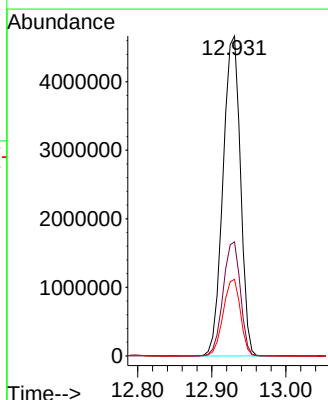
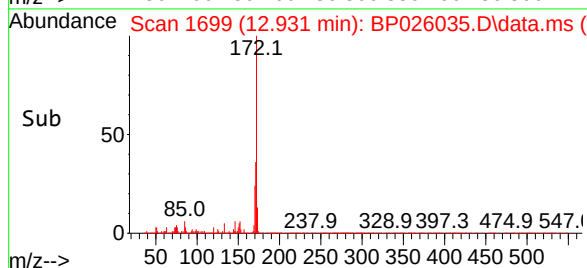
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

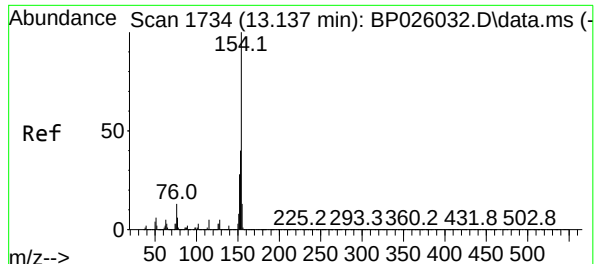


#45
2-Fluorobiphenyl
Concen: 150.244 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



Tgt Ion:172 Resp: 7610514
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.9 19.0 28.4





#46

1,1'-Biphenyl

Concen: 77.997 ng

RT: 13.136 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 434701

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

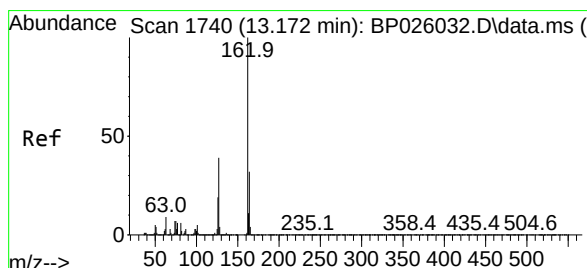
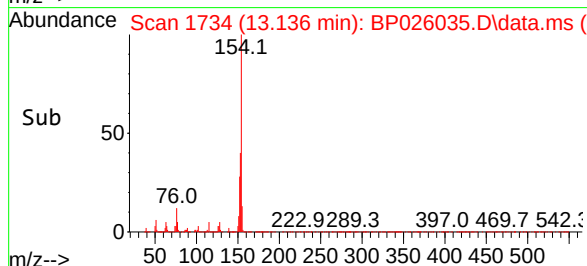
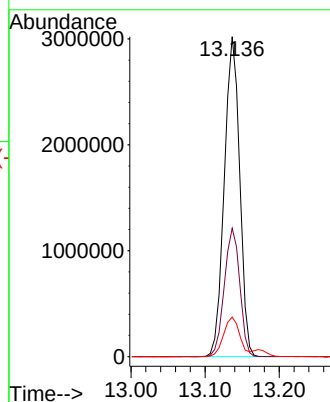
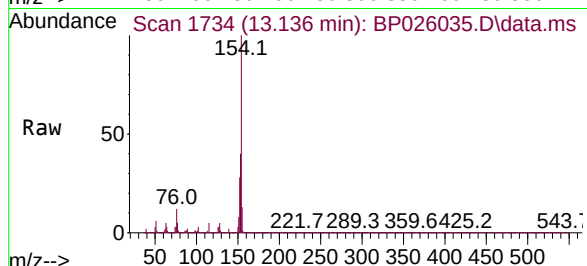
76 12.4 0.0 32.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#47

2-Chloronaphthalene

Concen: 78.326 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

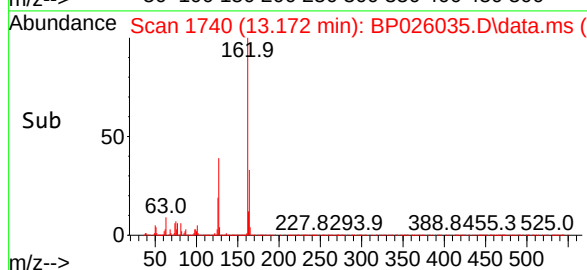
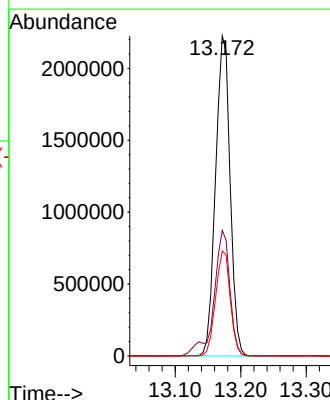
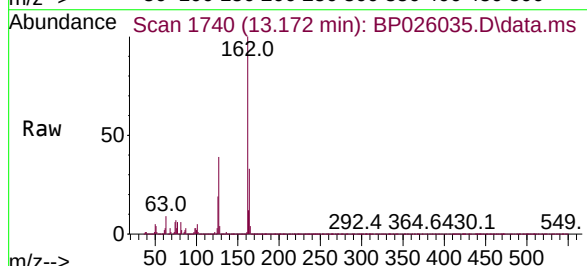
Tgt Ion:162 Resp: 3434628

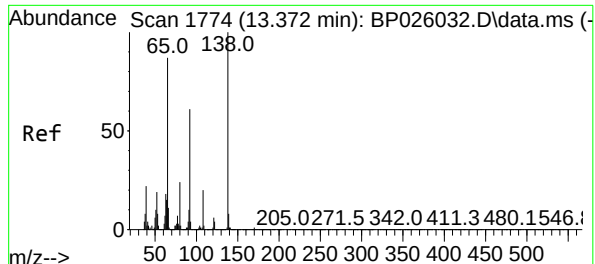
Ion Ratio Lower Upper

162 100

127 39.2 31.4 47.2

164 32.8 25.9 38.9





#48

2-Nitroaniline

Concen: 84.358 ng

RT: 13.378 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

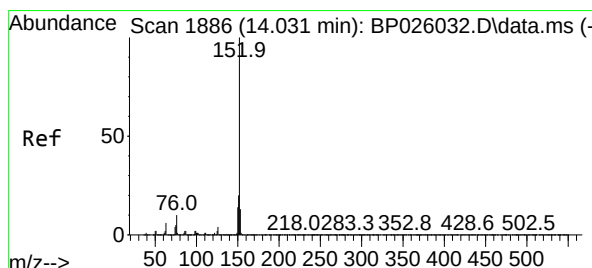
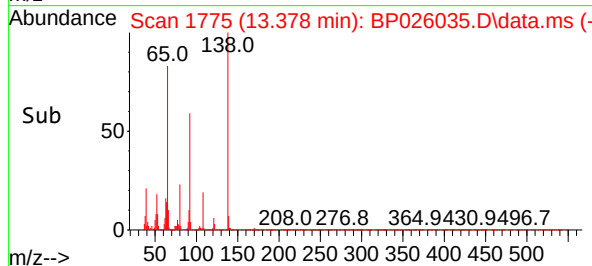
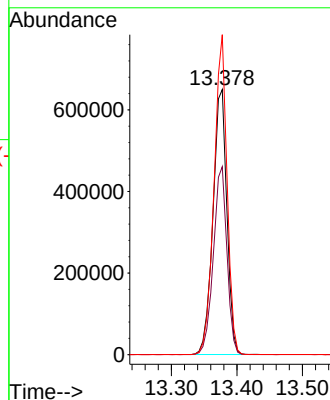
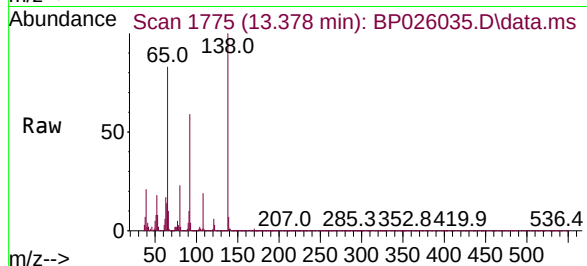
SSTDICC080

Tgt Ion:	65	Resp:	95849
Ion Ratio	Lower	Upper	
65	100		
92	70.9	55.5	83.3
138	120.8	91.7	137.5

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#49

Acenaphthylene

Concen: 79.376 ng

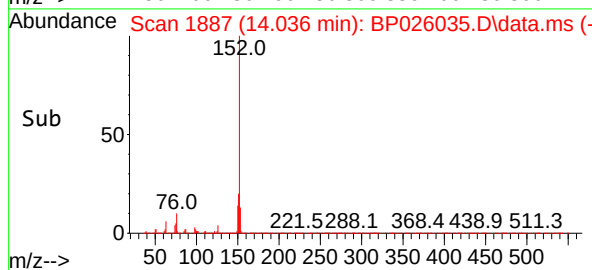
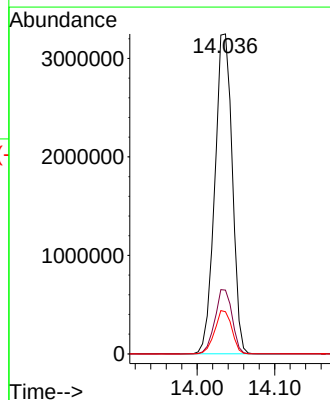
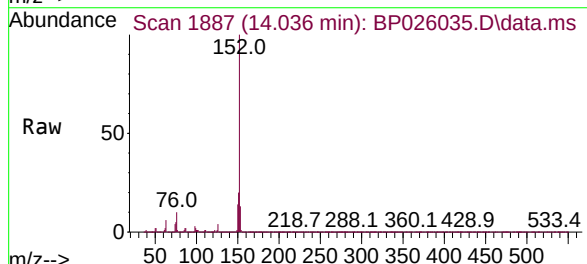
RT: 14.036 min Scan# 1887

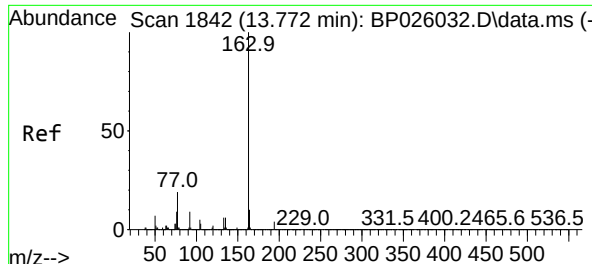
Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:	152	Resp:	5073069
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	16.0





#50

Dimethylphthalate

Concen: 79.090 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:163 Resp: 4187309

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

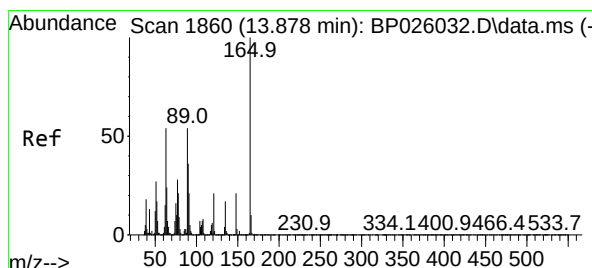
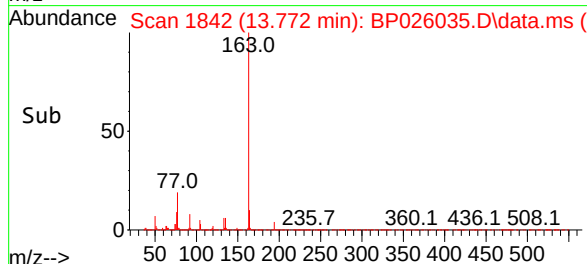
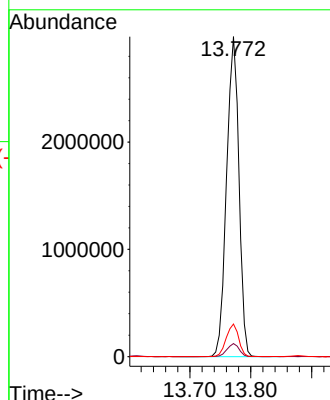
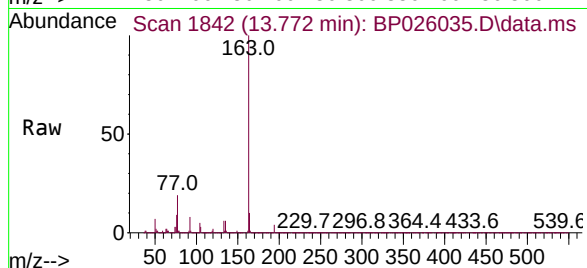
164 10.2 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#51

2,6-Dinitrotoluene

Concen: 83.478 ng

RT: 13.878 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

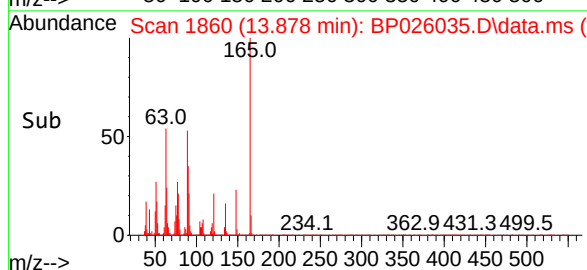
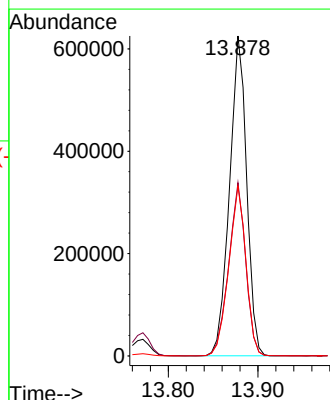
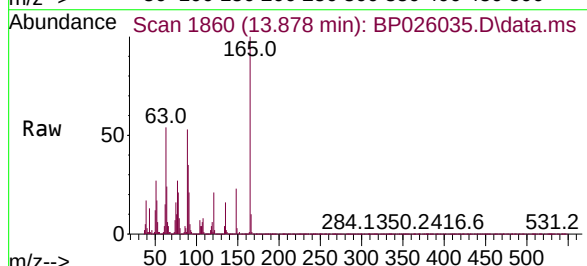
Tgt Ion:165 Resp: 834638

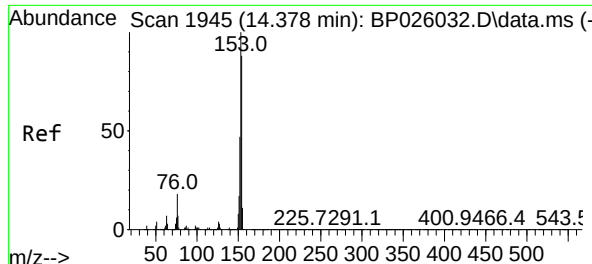
Ion Ratio Lower Upper

165 100

63 54.1 43.0 64.4

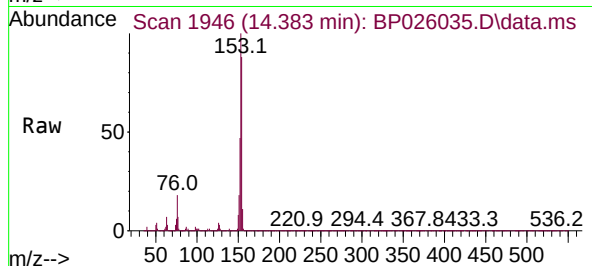
89 53.0 43.0 64.4





#52
Acenaphthene
Concen: 79.085 ng
RT: 14.383 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

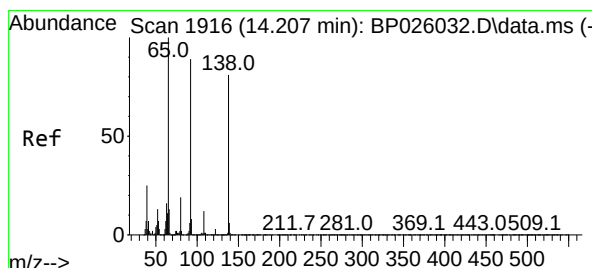
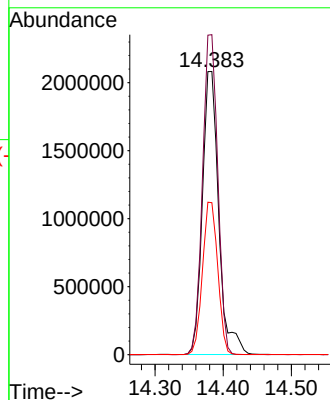
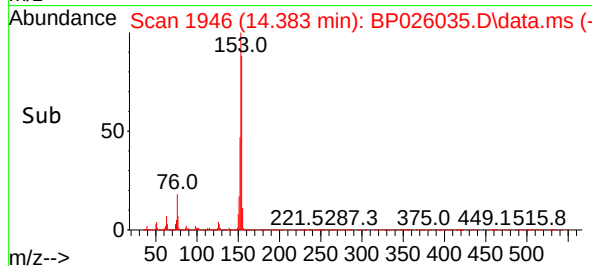
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 3469946
Ion Ratio Lower Upper
154 100
153 113.0 91.0 136.4
152 53.7 42.7 64.1

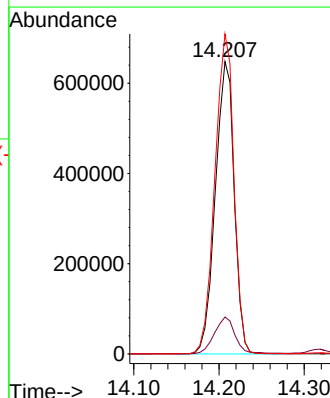
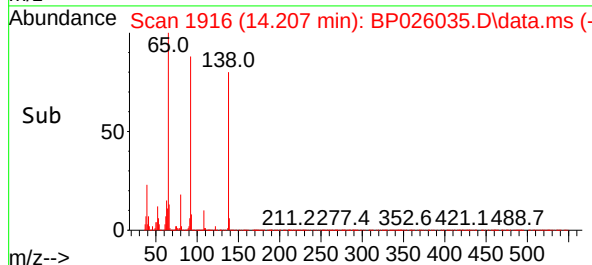
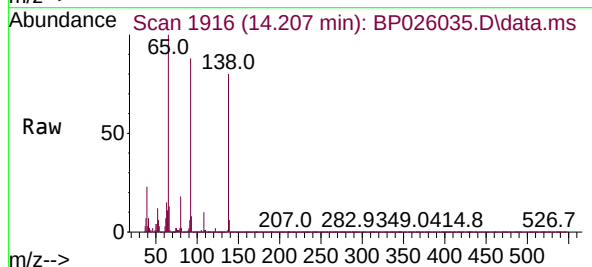
Manual Integrations
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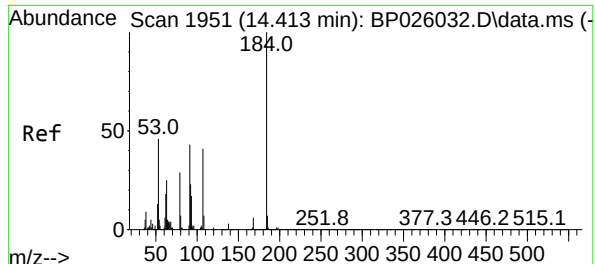
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#53
3-Nitroaniline
Concen: 81.547 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:138 Resp: 995927
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.0
92 109.5 87.1 130.7





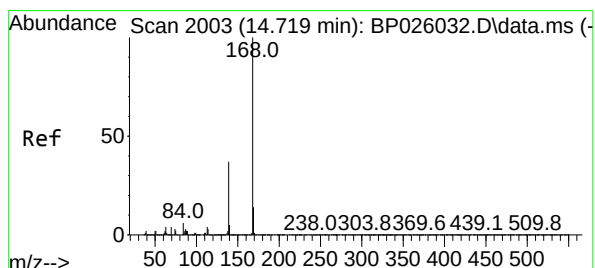
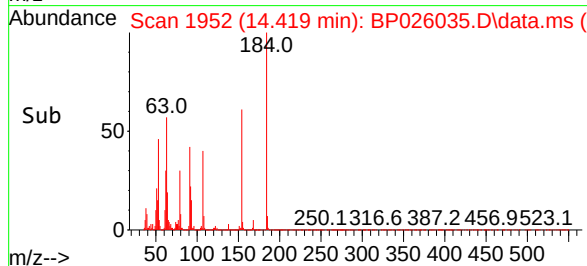
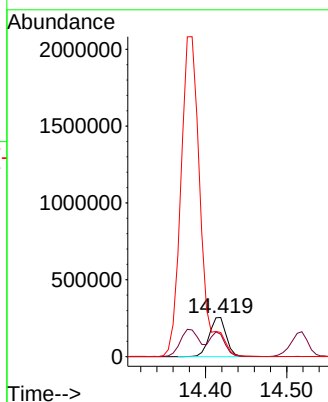
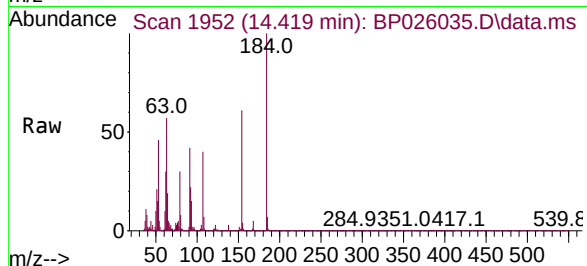
#54
2,4-Dinitrophenol
Concen: 79.098 ng
RT: 14.419 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 366262
Ion Ratio Lower Upper
184 100
63 57.1 49.0 73.4
154 61.5 51.0 76.6

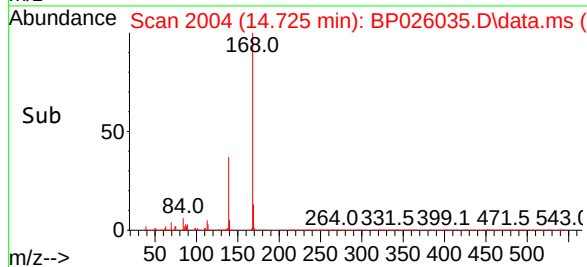
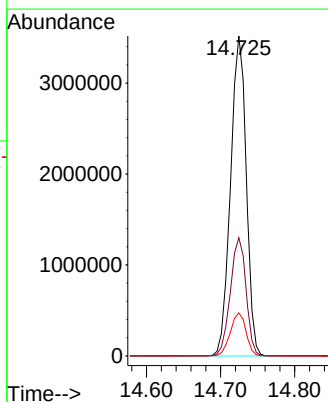
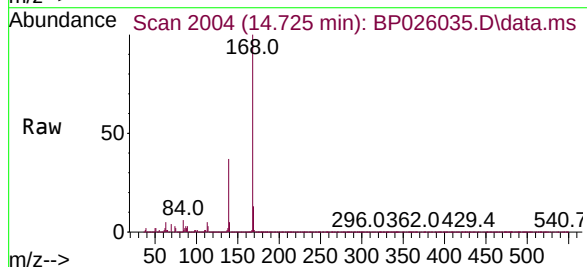
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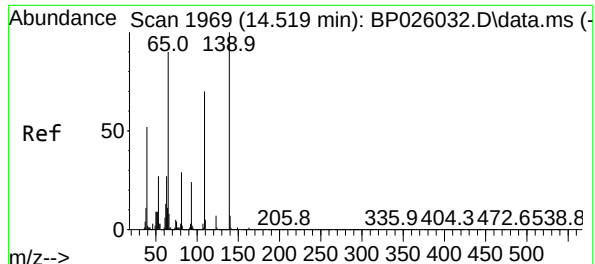
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#55
Dibenzofuran
Concen: 78.003 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

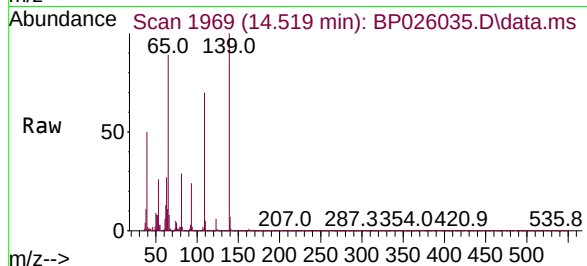
Tgt Ion:168 Resp: 5170871
Ion Ratio Lower Upper
168 100
139 36.9 29.7 44.5
169 13.4 11.0 16.4





#56
4-Nitrophenol
Concen: 82.900 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

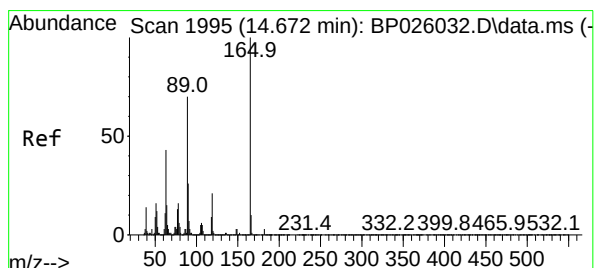
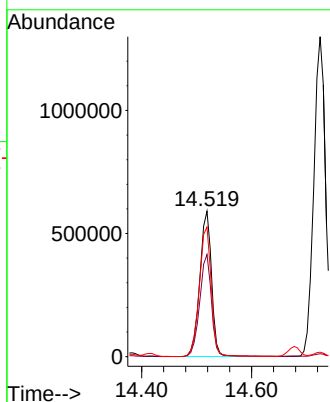
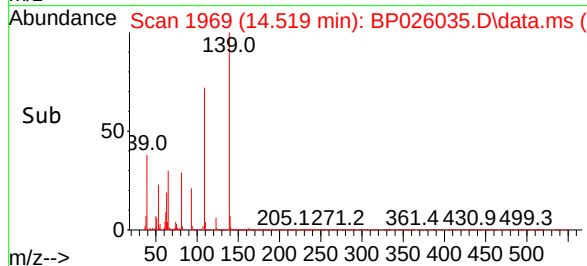
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 875195
Ion Ratio Lower Upper
139 100
109 70.3 50.0 90.0
65 89.2 69.6 109.6

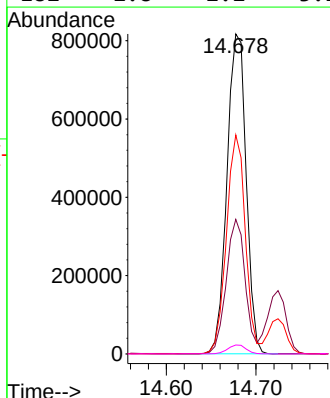
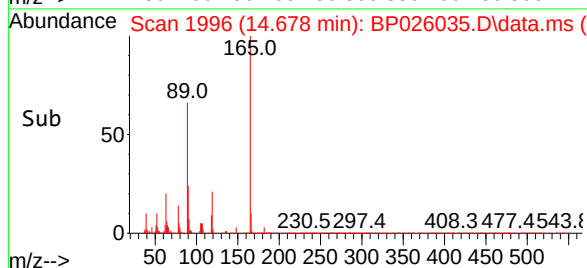
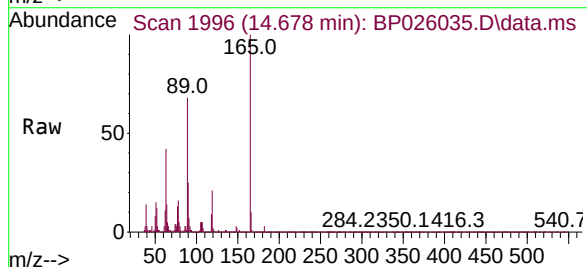
Manual Integrations
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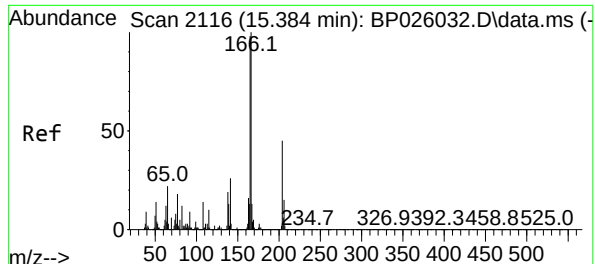
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#57
2,4-Dinitrotoluene
Concen: 83.983 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

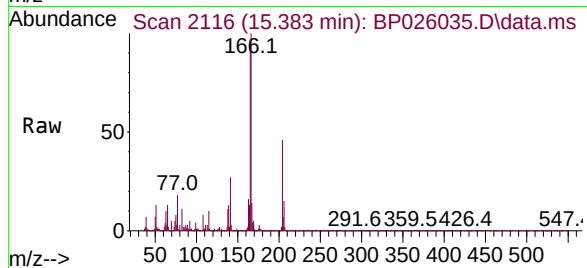
Tgt Ion:165 Resp: 1218227
Ion Ratio Lower Upper
165 100
63 42.0 34.2 51.2
89 68.5 56.0 84.0
182 2.8 2.2 3.2





#58
Fluorene
Concen: 73.925 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

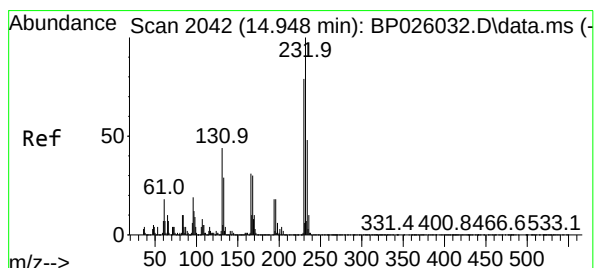
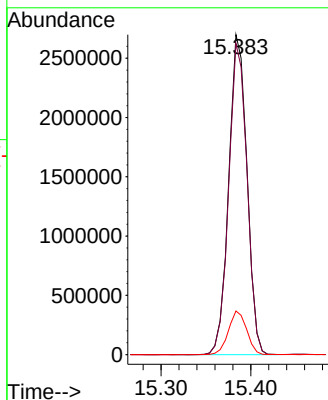
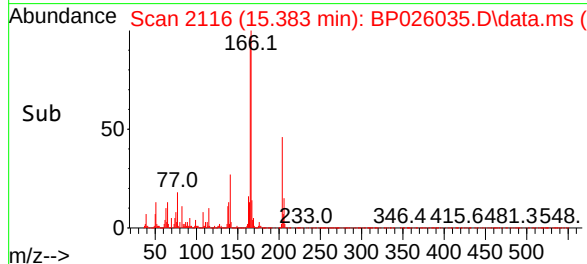
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 3839303
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.6 10.6 16.0

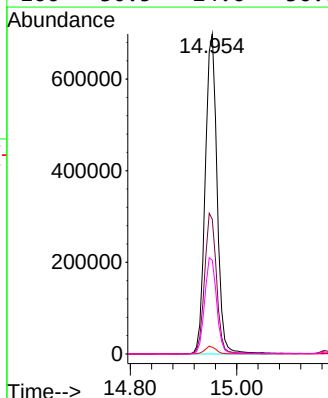
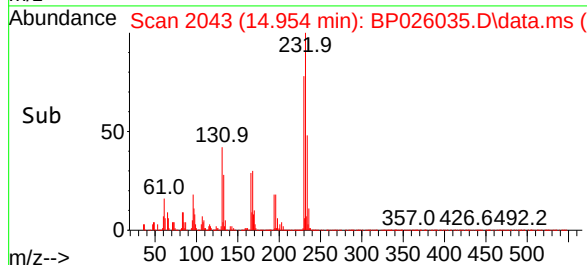
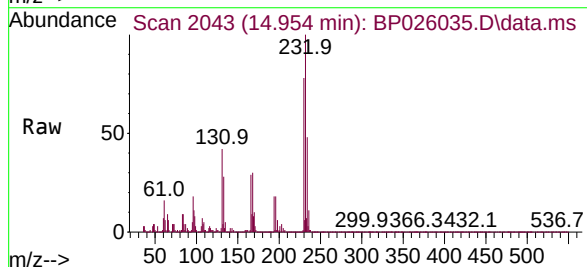
Manual Integrations
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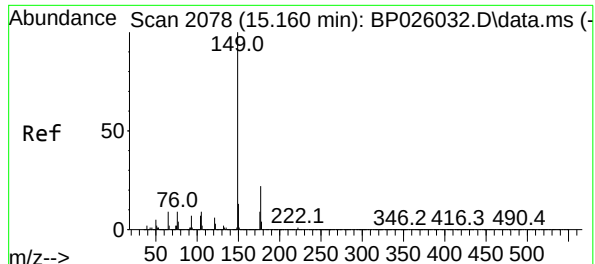
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 89.860 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:232 Resp: 1077698
Ion Ratio Lower Upper
232 100
131 44.3 35.2 52.8
130 2.3 1.7 2.5
166 30.5 24.6 36.8





#60

Diethylphthalate

Concen: 79.517 ng

RT: 15.166 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 4232388

Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

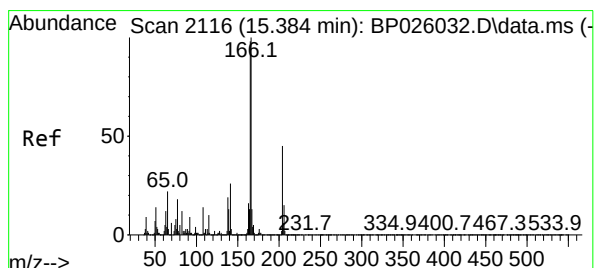
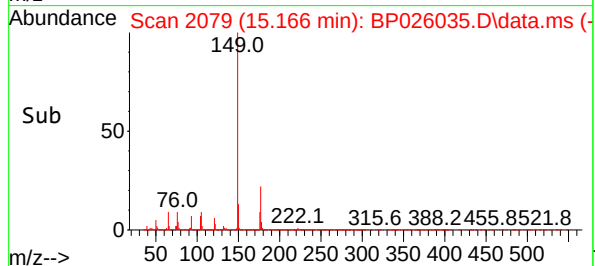
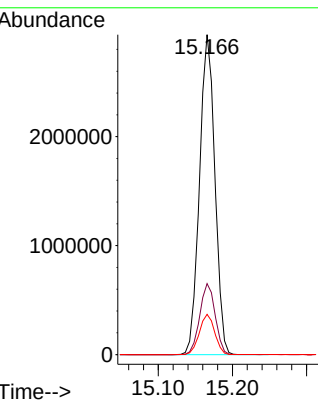
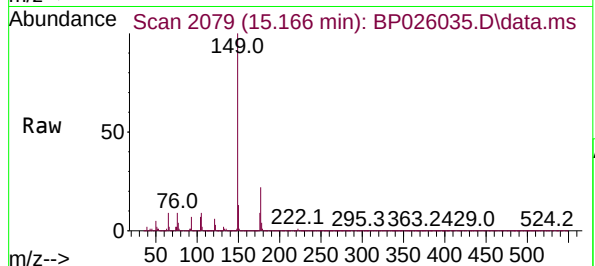
150 12.6 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#61

4-Chlorophenyl-phenylether

Concen: 73.822 ng

RT: 15.389 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

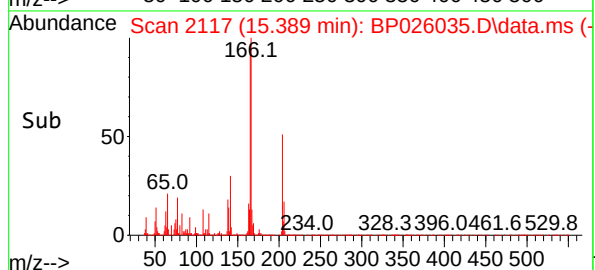
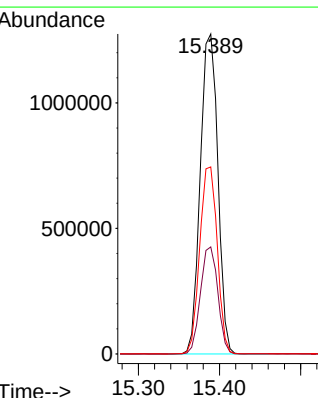
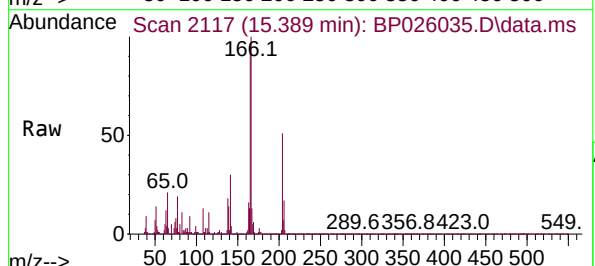
Tgt Ion:204 Resp: 1914592

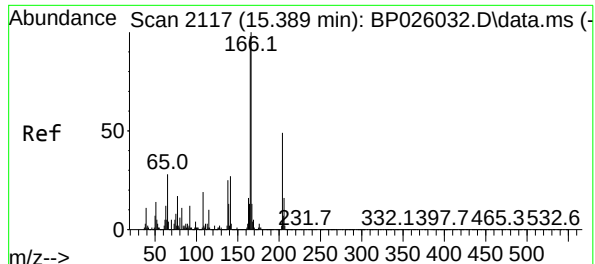
Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

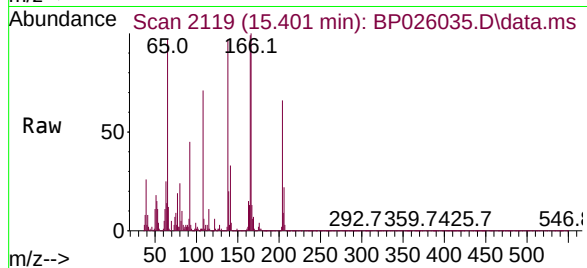
141 58.4 47.0 70.4





#62
4-Nitroaniline
Concen: 87.229 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

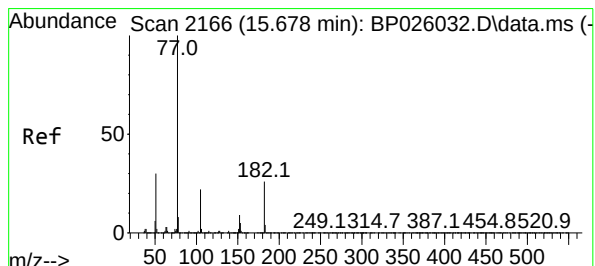
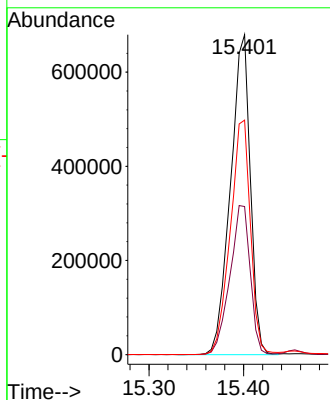
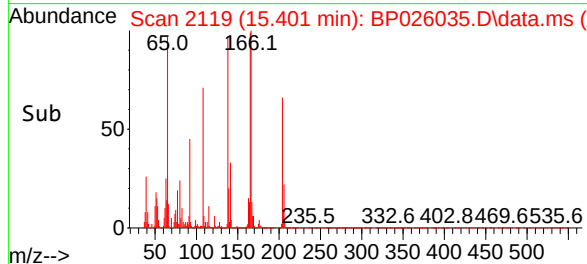
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 986852
Ion Ratio Lower Upper
138 100
92 46.3 28.2 68.2
108 73.3 56.0 96.0

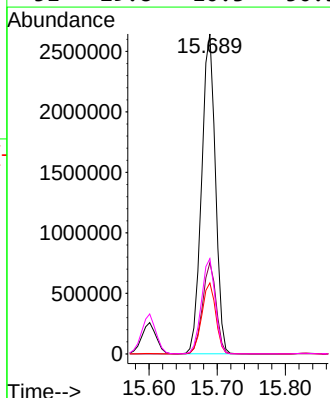
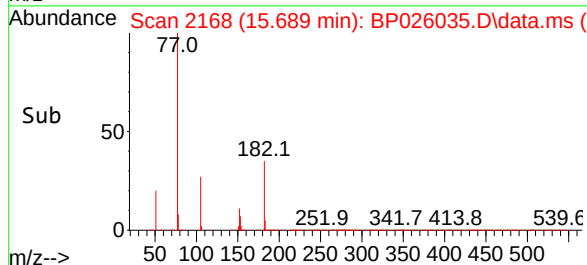
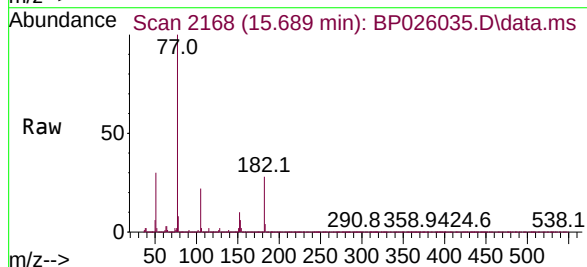
Manual Integrations
APPROVED

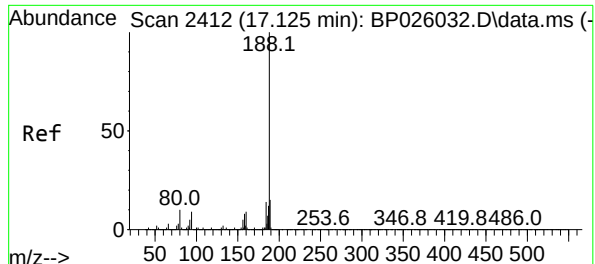
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#63
Azobenzene
Concen: 77.187 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 77 Resp: 3723361
Ion Ratio Lower Upper
77 100
182 28.5 6.4 46.4
105 22.2 2.2 42.2
51 29.8 10.3 50.3





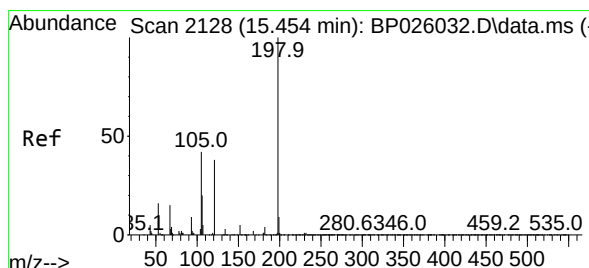
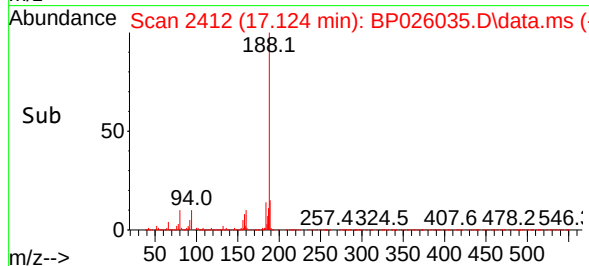
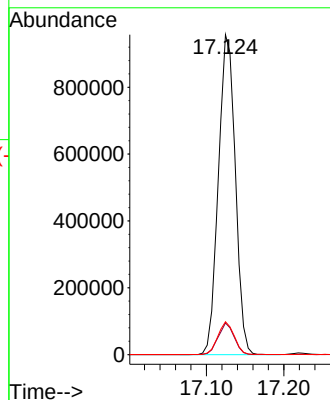
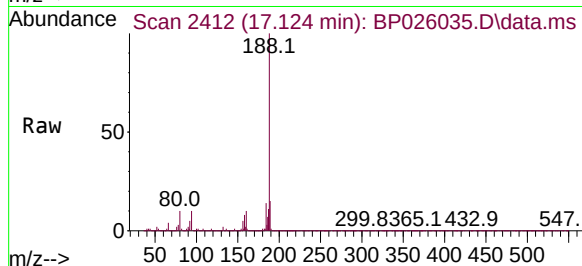
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 1454350
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 10.3 7.9 11.9

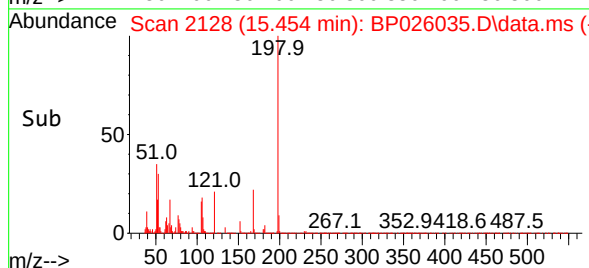
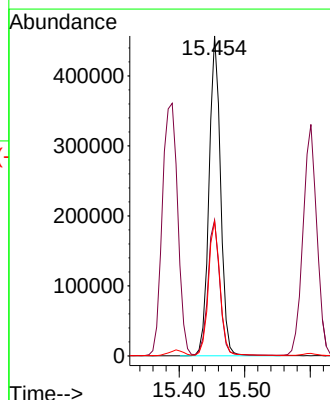
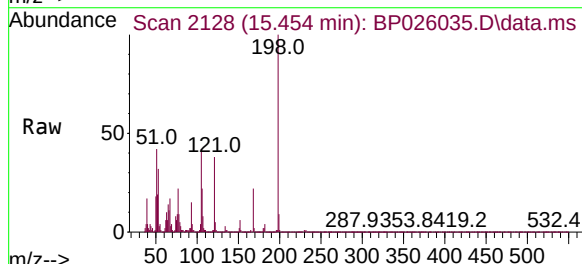
Manual Integrations
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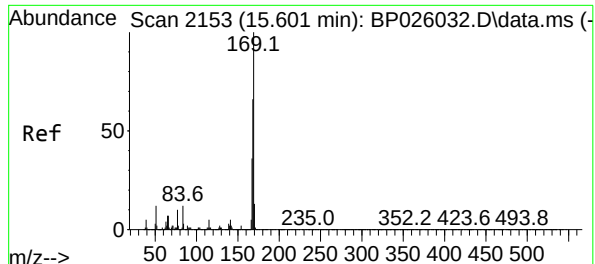
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 78.914 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

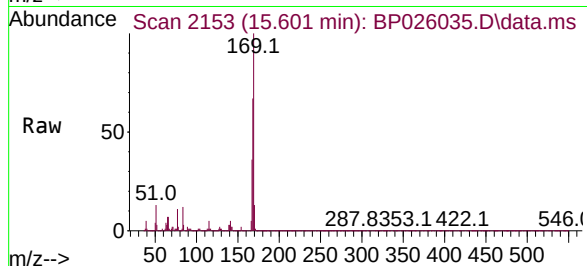
Tgt Ion:198 Resp: 556384
Ion Ratio Lower Upper
198 100
51 42.4 25.2 65.2
105 42.1 23.7 63.7





#66
n-Nitrosodiphenylamine
Concen: 78.206 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

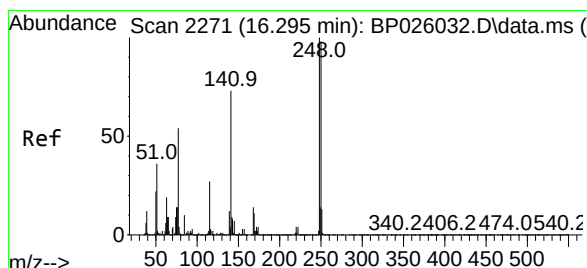
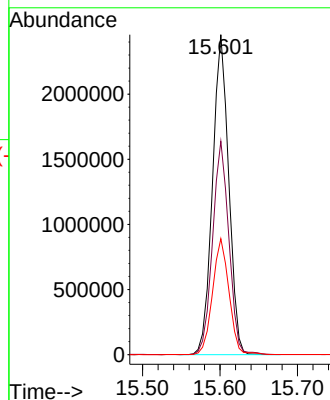
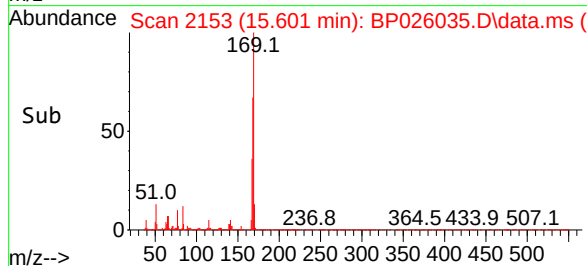
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



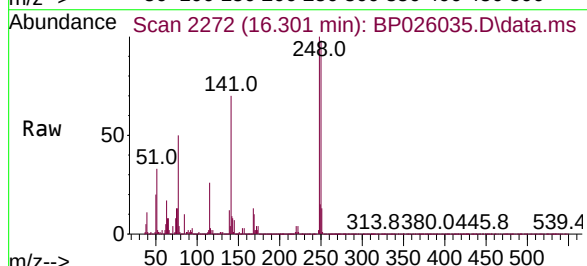
Tgt Ion:169 Resp: 3556221
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.2 28.9 43.3

Manual Integrations
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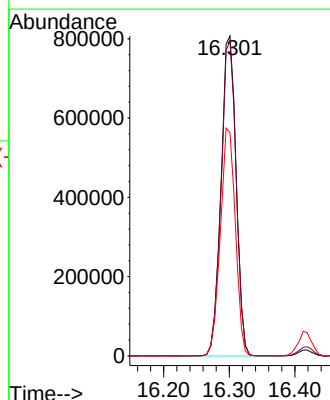
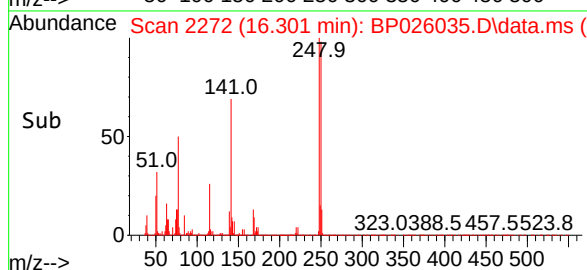
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

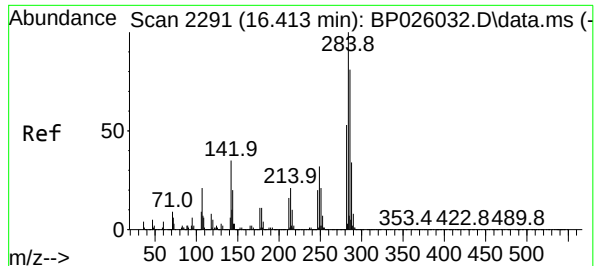


#67
4-Bromophenyl-phenylether
Concen: 80.020 ng
RT: 16.301 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



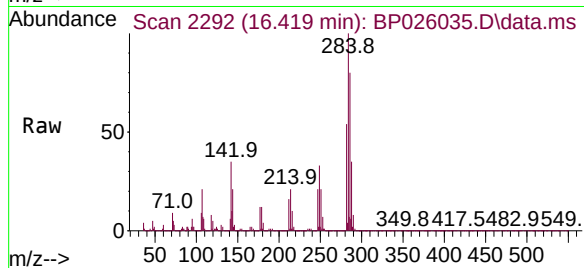
Tgt Ion:248 Resp: 1290917
Ion Ratio Lower Upper
248 100
250 98.5 78.4 117.6
141 69.7 58.3 87.5





#68
Hexachlorobenzene
Concen: 78.359 ng
RT: 16.419 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

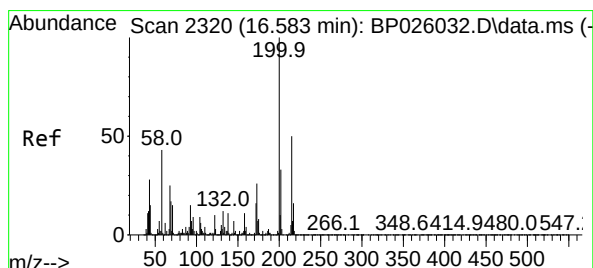
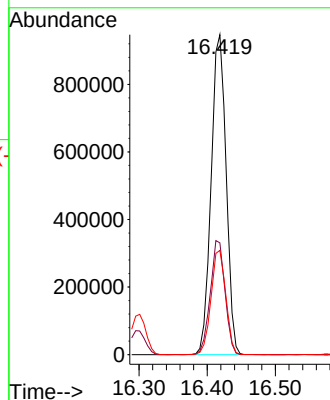
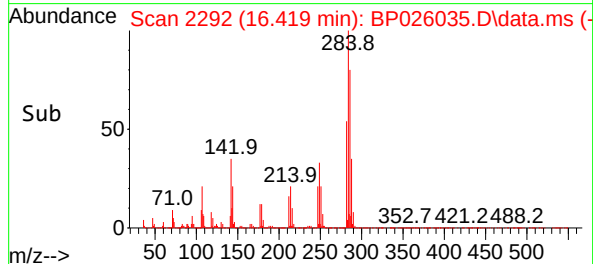
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



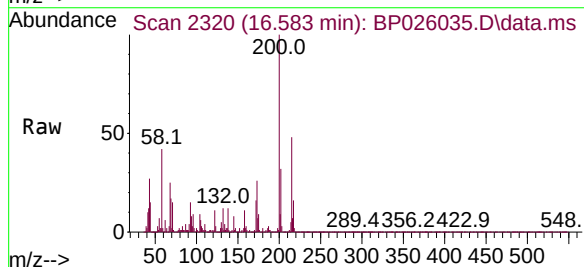
Tgt Ion:284 Resp: 1439069
Ion Ratio Lower Upper
284 100
142 34.9 27.7 41.5
249 32.6 25.5 38.3

Manual Integrations
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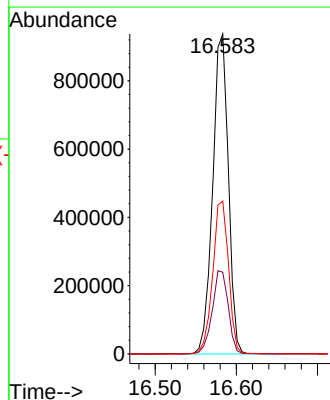
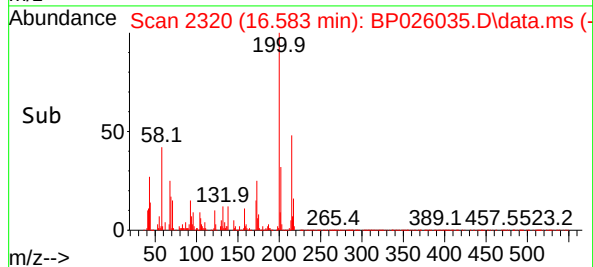
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

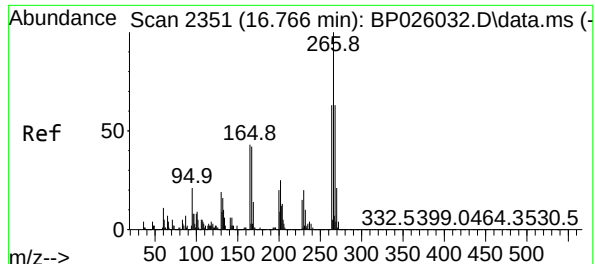


#69
Atrazine
Concen: 81.924 ng
RT: 16.583 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



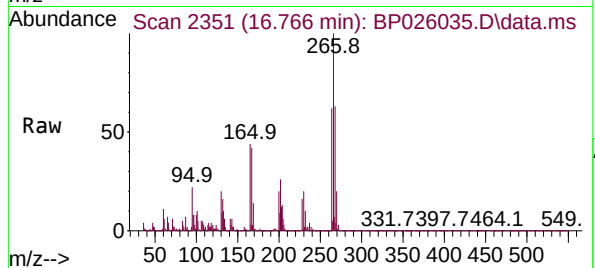
Tgt Ion:200 Resp: 1256682
Ion Ratio Lower Upper
200 100
173 25.5 6.2 46.2
215 47.8 29.8 69.8





#70
Pentachlorophenol
Concen: 88.261 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

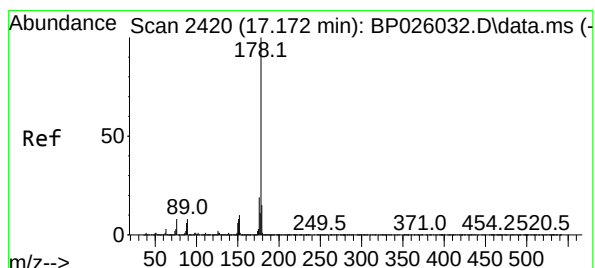
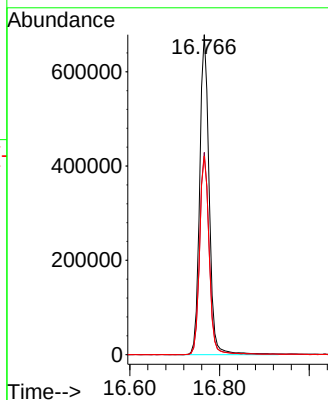
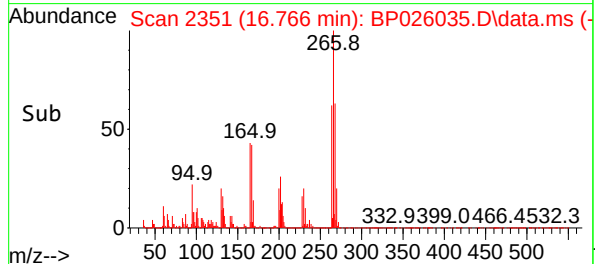
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:266 Resp: 990090
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 62.1 50.2 75.4

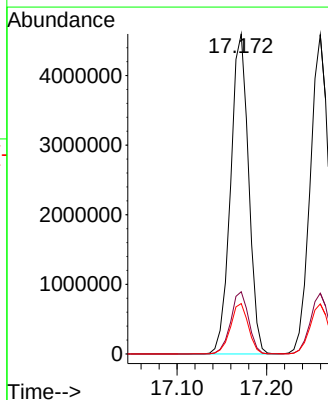
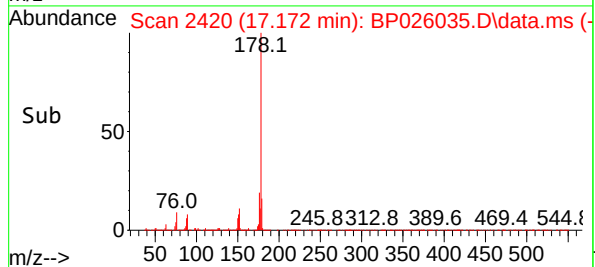
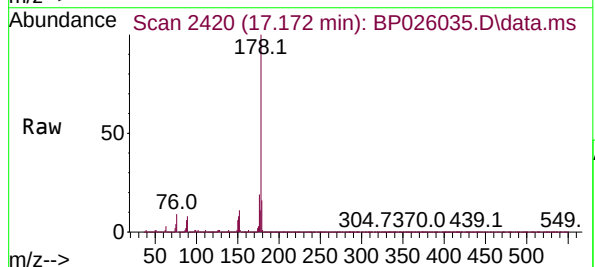
Manual Integrations
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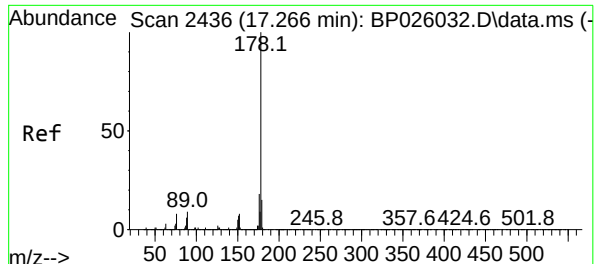
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#71
Phenanthrene
Concen: 75.907 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

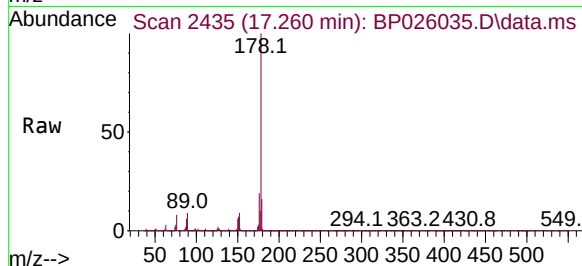
Tgt Ion:178 Resp: 6425576
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.3 18.5





#72
Anthracene
Concen: 77.318 ng
RT: 17.260 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

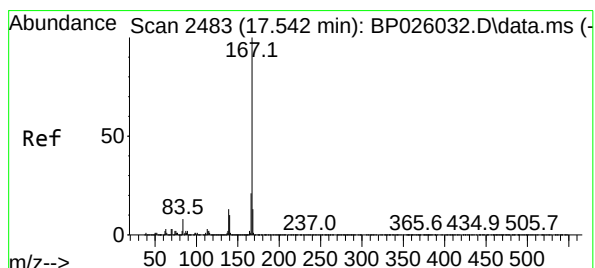
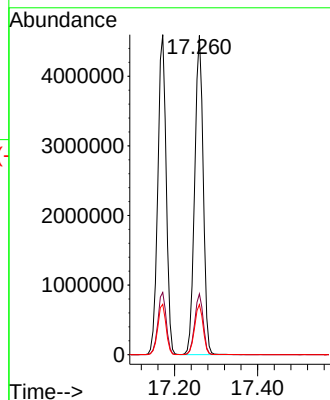
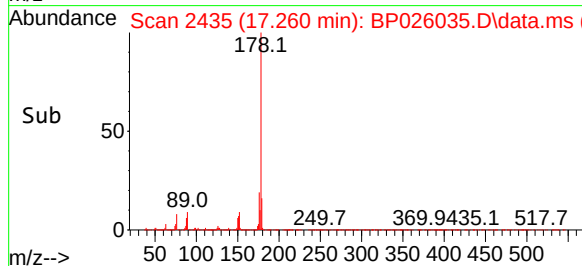
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 6487799
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.2 18.4

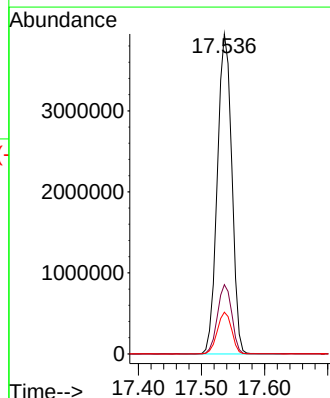
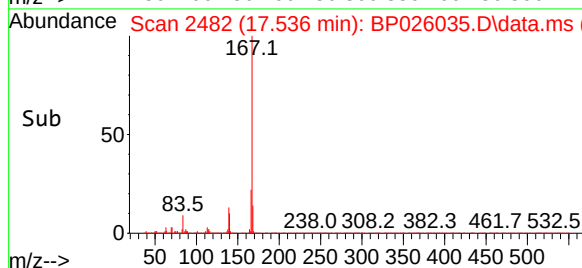
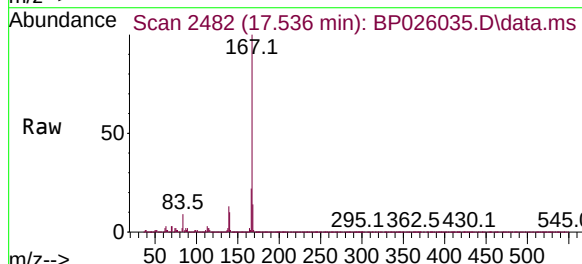
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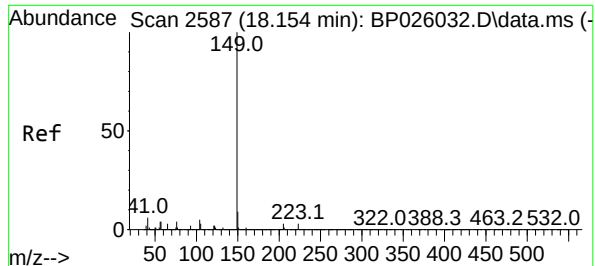
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#73
Carbazole
Concen: 78.943 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

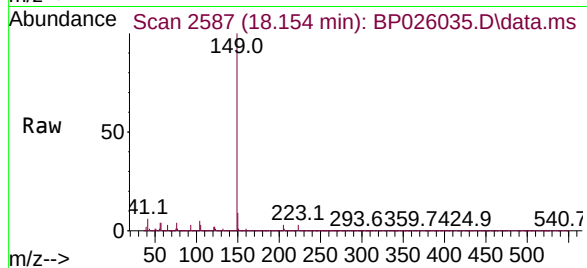
Tgt Ion:167 Resp: 6270446
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.0 10.2 15.2





#74
Di-n-butylphthalate
Concen: 81.950 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

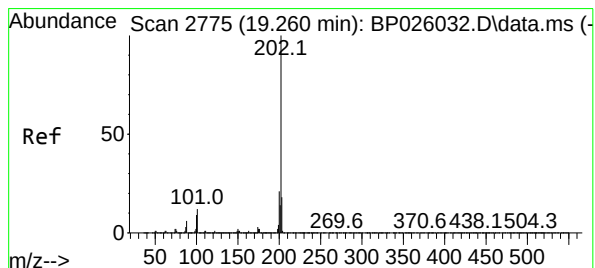
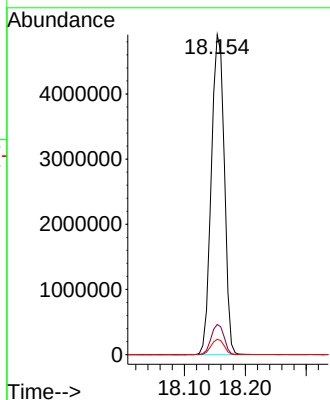
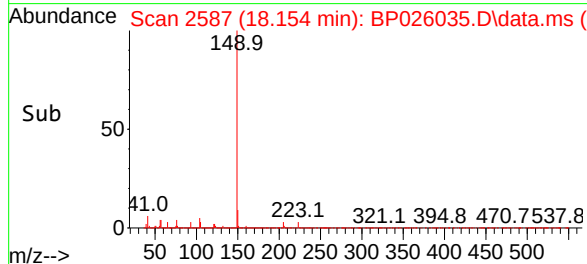
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 7283617
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.8 5.6

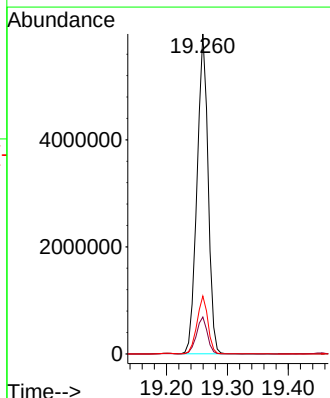
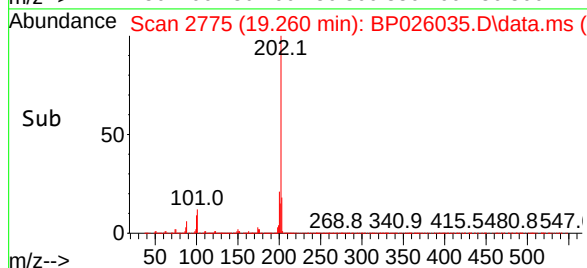
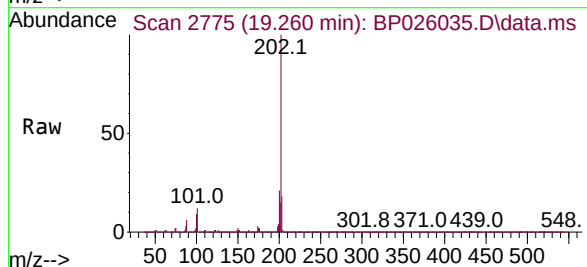
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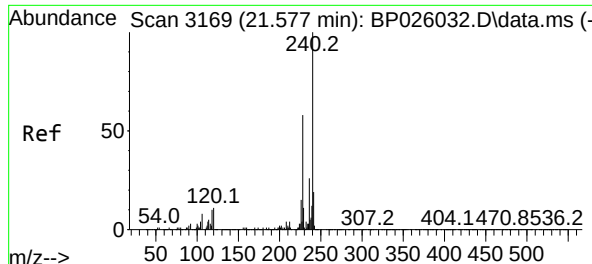
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#75
Fluoranthene
Concen: 76.268 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:202 Resp: 7531112
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.1
203 18.1 0.0 37.6





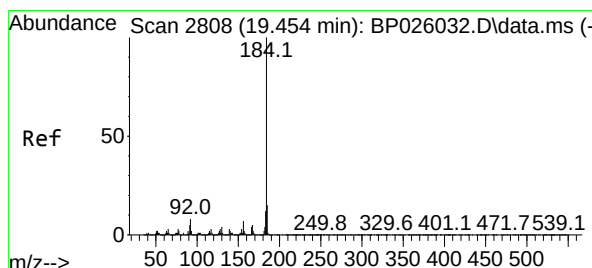
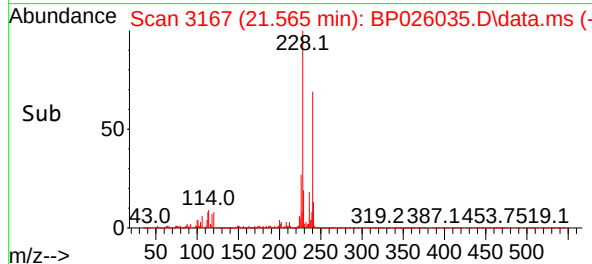
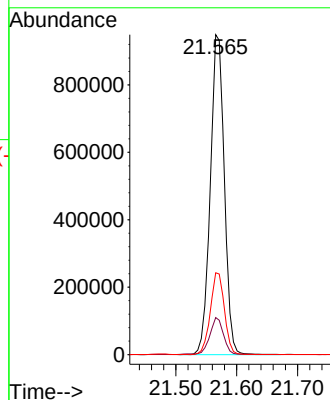
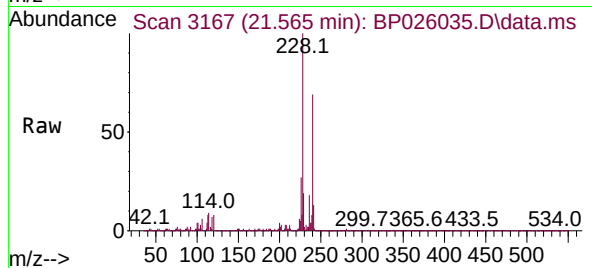
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 1518010
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 20.6 31.0

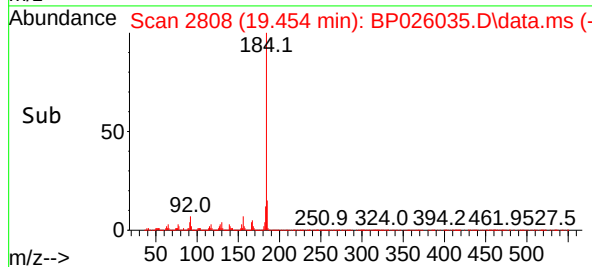
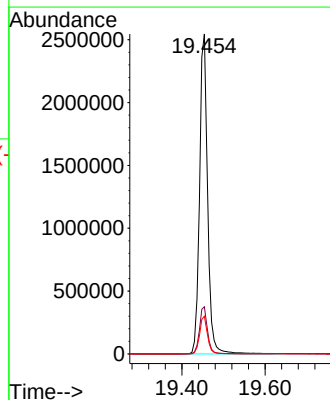
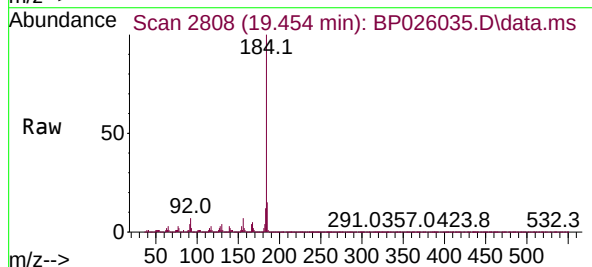
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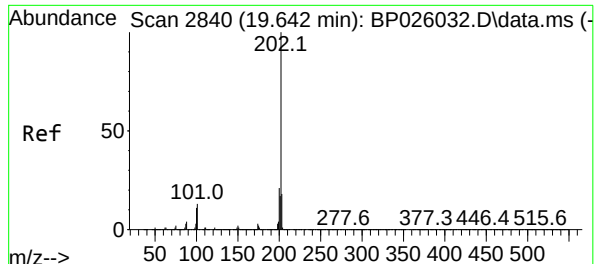
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#77
Benzidine
Concen: 88.260 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

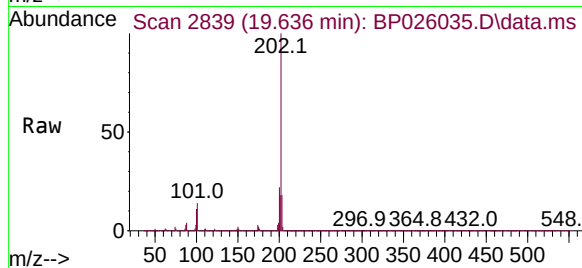
Tgt Ion:184 Resp: 3400762
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.8 9.2 13.8





#78
Pyrene
Concen: 77.487 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

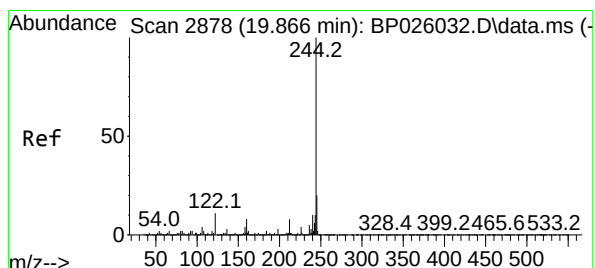
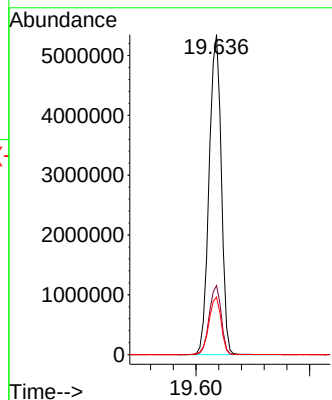
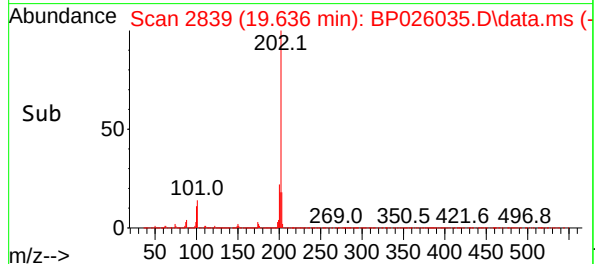
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 202 Resp: 795558
Ion Ratio Lower Upper
202 100
200 21.6 16.6 25.0
203 18.0 14.0 21.0

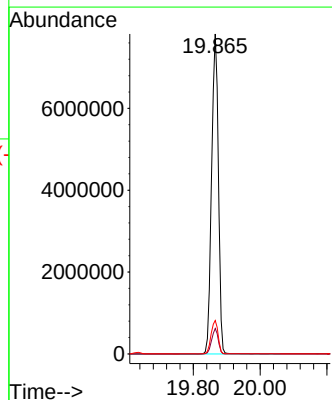
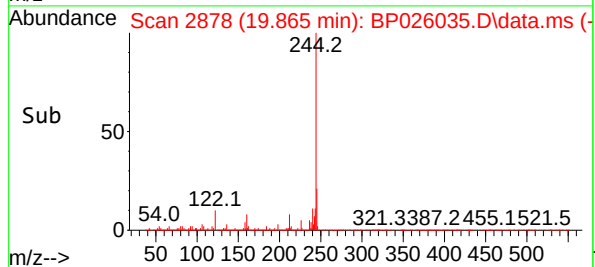
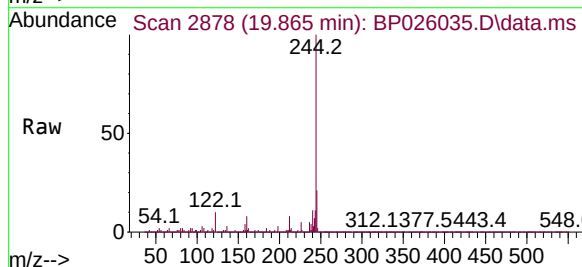
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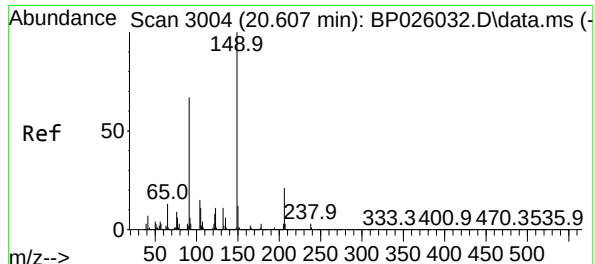
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#79
Terphenyl-d14
Concen: 147.627 ng
RT: 19.865 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 244 Resp: 11030199
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 10.4 9.0 13.6





#80

Butylbenzylphthalate

Concen: 80.010 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 3160394

Ion Ratio Lower Upper

149 100

91 66.1 53.5 80.3

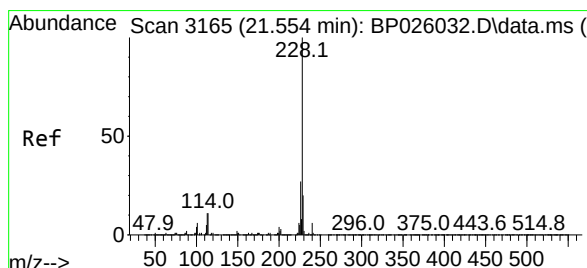
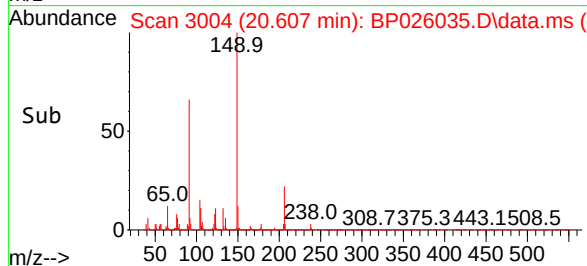
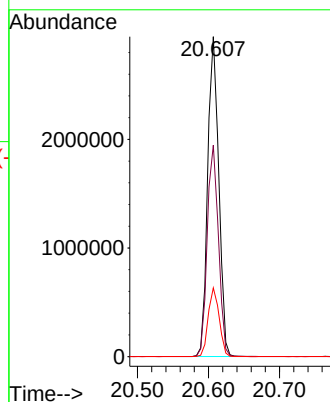
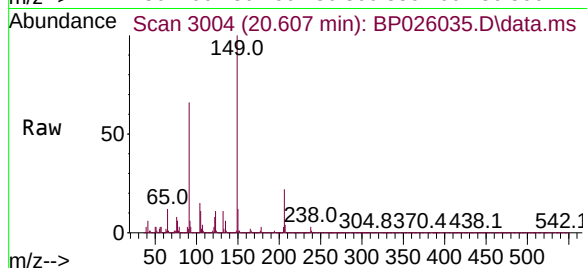
206 21.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#81

Benzo(a)anthracene

Concen: 78.602 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

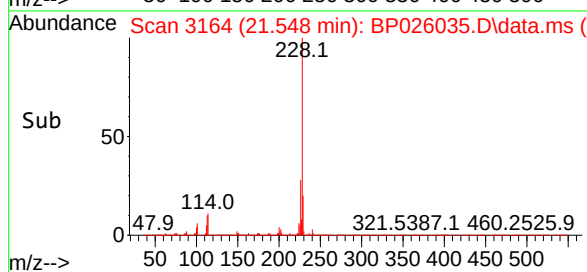
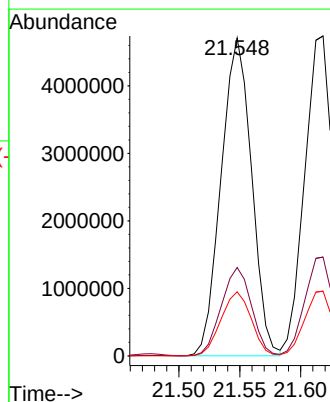
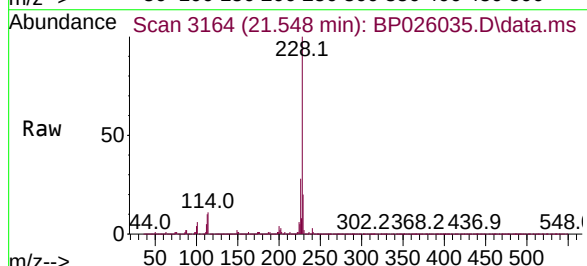
Tgt Ion:228 Resp: 8199298

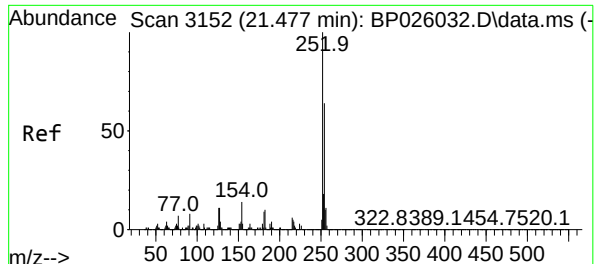
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 20.1 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 84.414 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 2837103

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

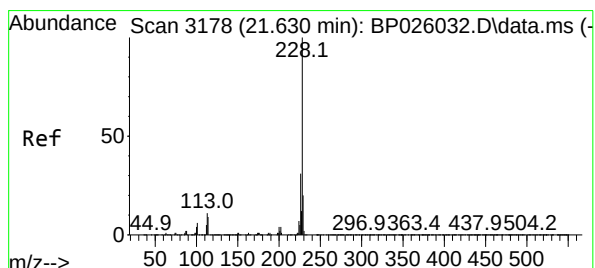
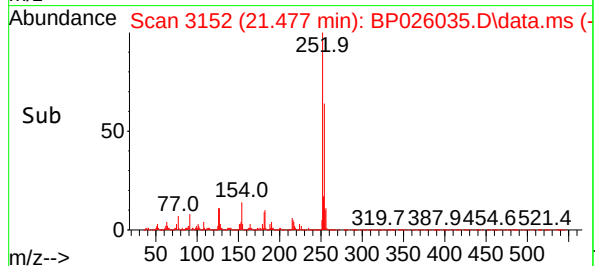
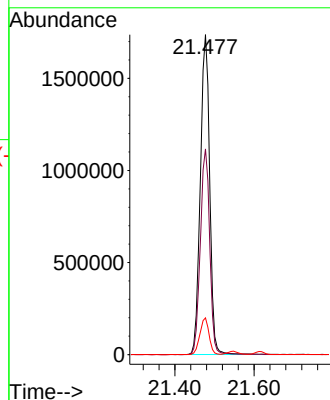
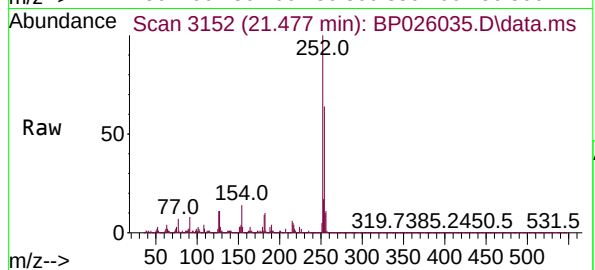
126 11.5 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#83

Chrysene

Concen: 77.890 ng

RT: 21.618 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

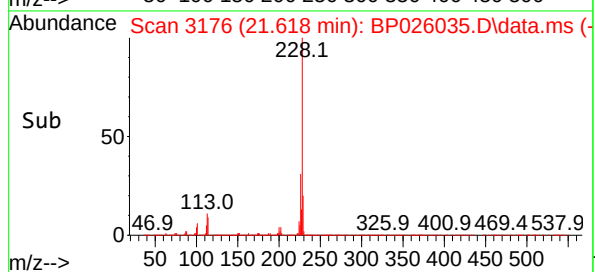
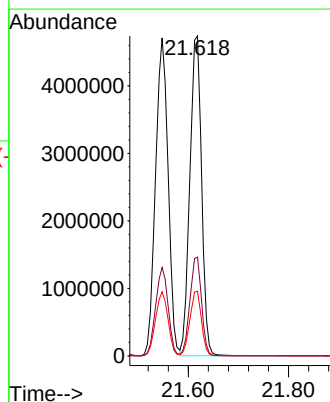
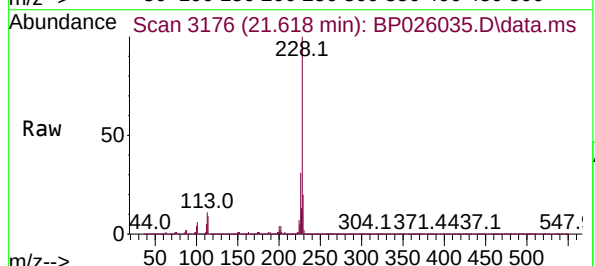
Tgt Ion:228 Resp: 7696535

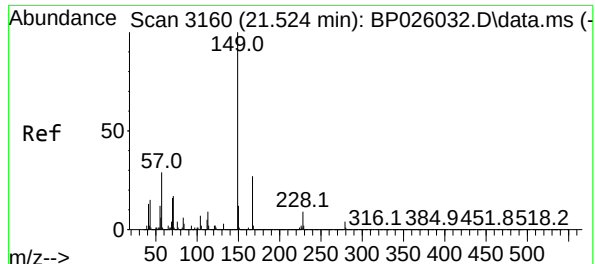
Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

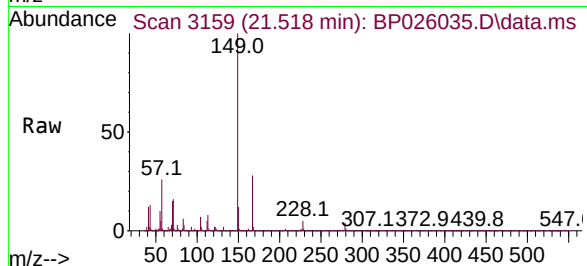
229 20.2 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 77.525 ng
RT: 21.518 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

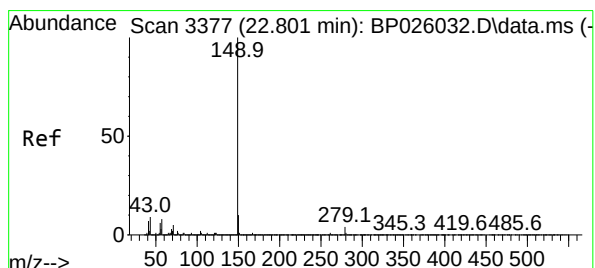
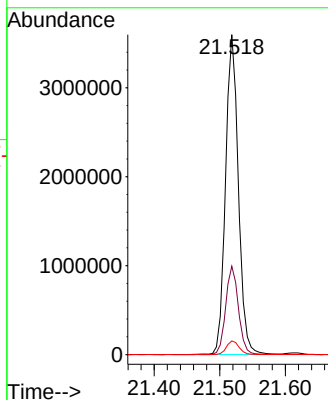
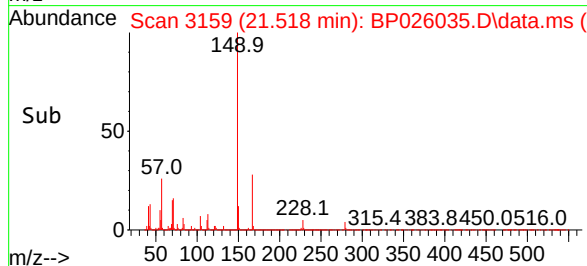
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion:149 Resp: 4903538
Ion Ratio Lower Upper
149 100
167 27.6 21.5 32.3
279 4.3 3.0 4.6

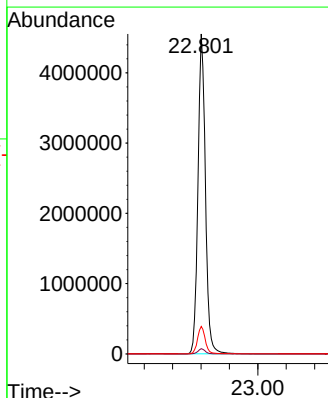
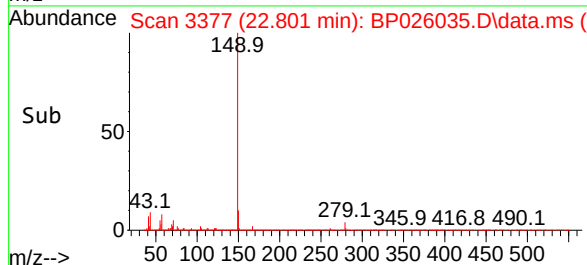
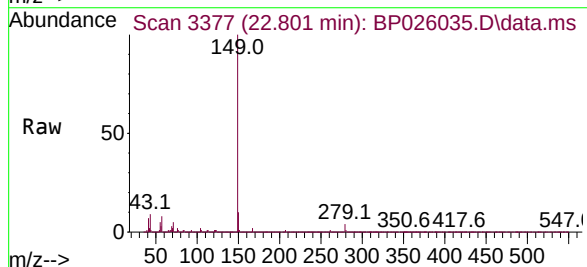
Manual Integrations
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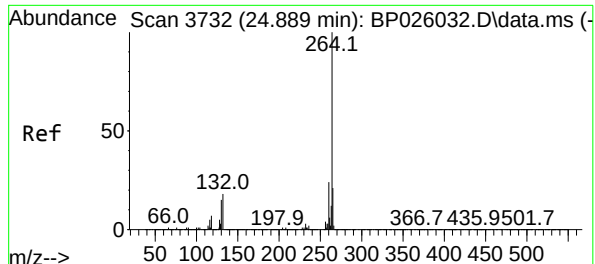
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#85
Di-n-octyl phthalate
Concen: 91.682 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:149 Resp: 8284794
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.6 11.4





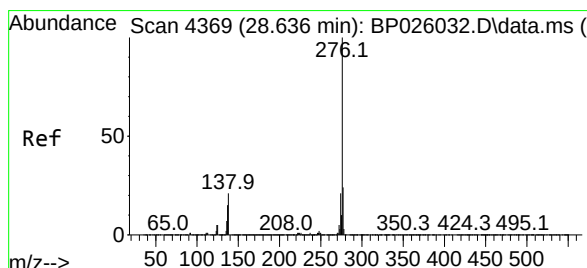
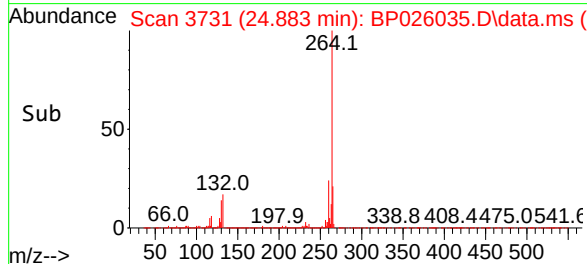
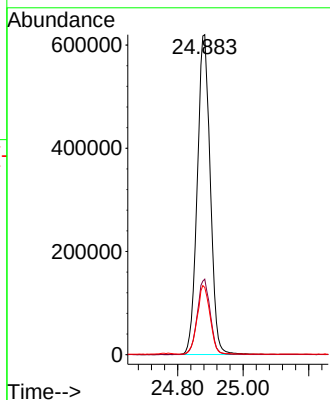
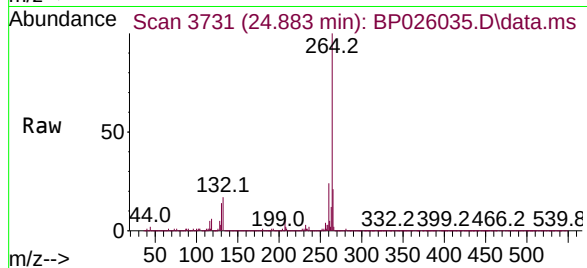
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3732
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1693000
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.0 17.2 25.8

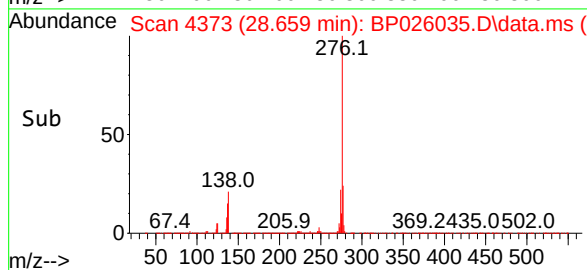
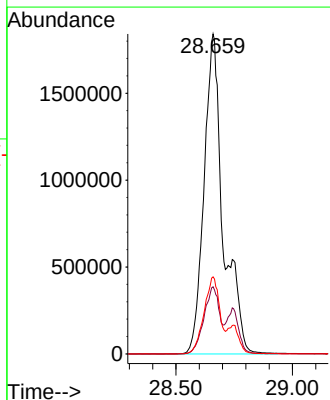
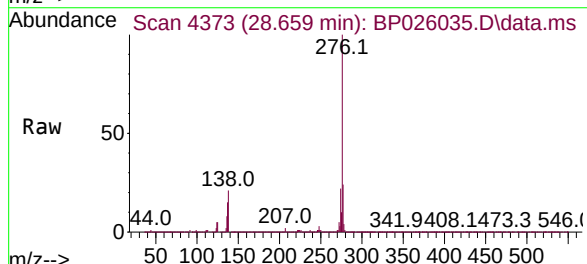
Manual Integrations
APPROVED

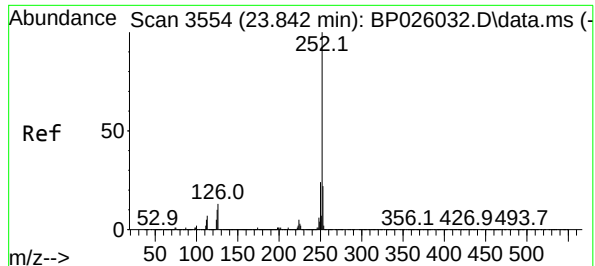
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 84.304 ng m
RT: 28.659 min Scan# 4373
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:276 Resp:10532958
Ion Ratio Lower Upper
276 100
138 17.3 13.2 19.8
277 19.7 16.3 24.5





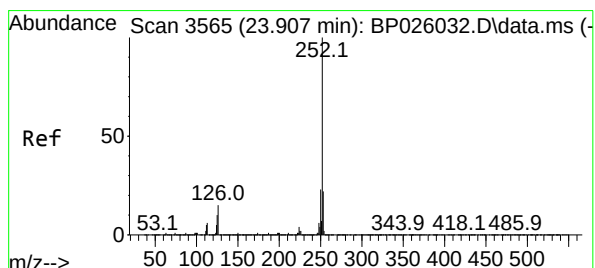
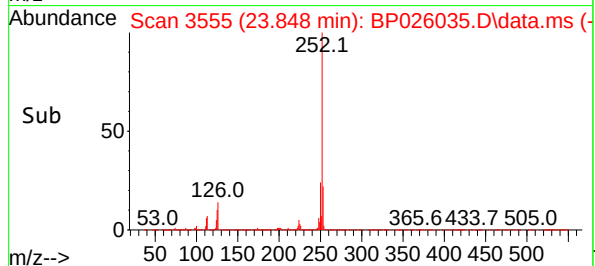
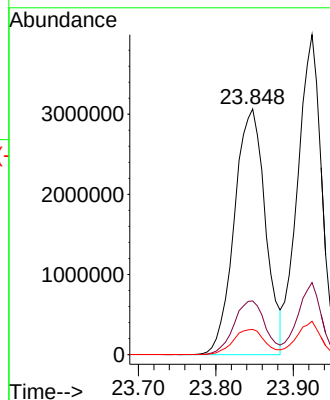
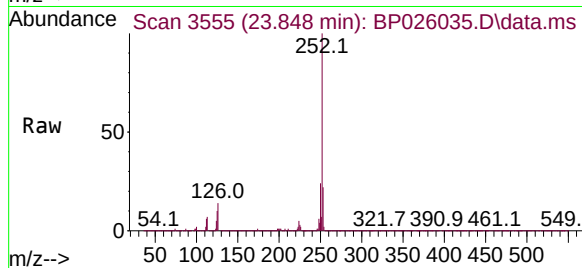
#88
Benzo(b)fluoranthene
Concen: 81.284 ng
RT: 23.848 min Scan# 3554
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 8542978
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 8.1 12.1

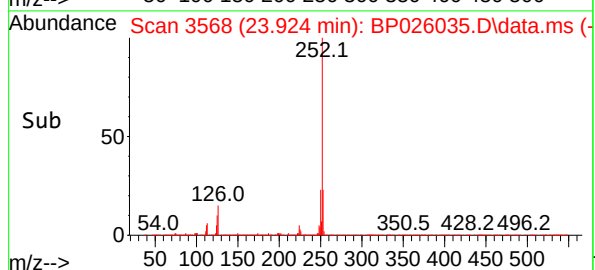
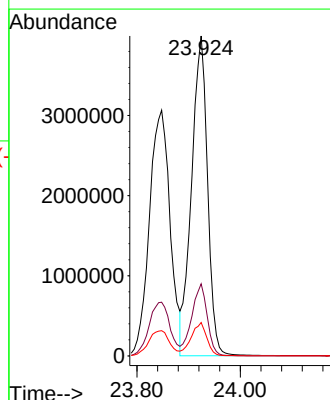
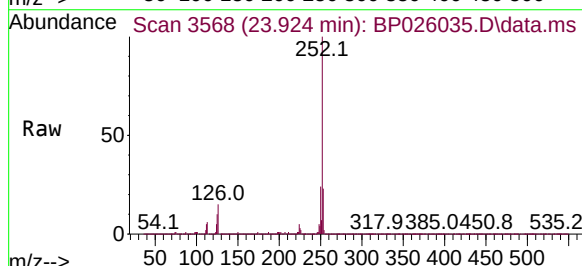
Manual Integrations
APPROVED

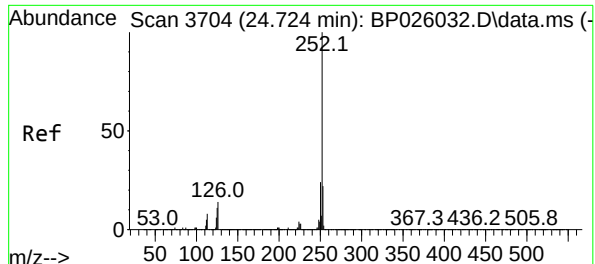
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#89
Benzo(k)fluoranthene
Concen: 79.943 ng
RT: 23.924 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:252 Resp: 8579950
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.4 8.1 12.1





#90

Benzo(a)pyrene

Concen: 83.215 ng

RT: 24.742 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 8034864

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

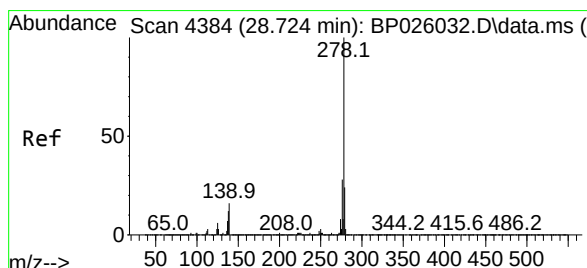
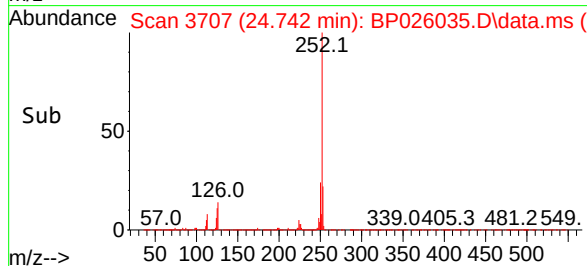
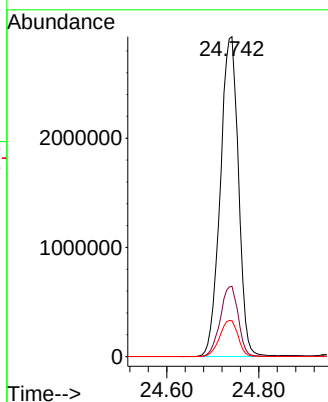
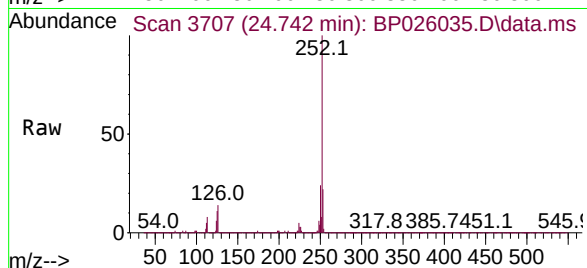
125 11.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#91

Dibenzo(a,h)anthracene

Concen: 83.540 ng

RT: 28.747 min Scan# 4388

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

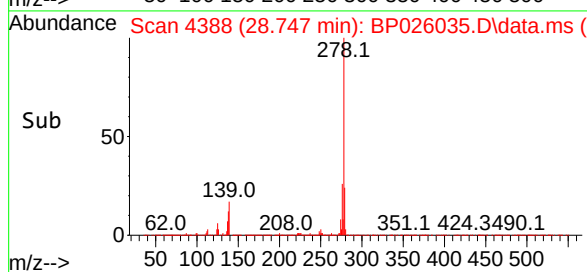
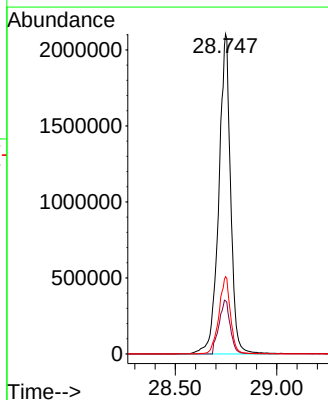
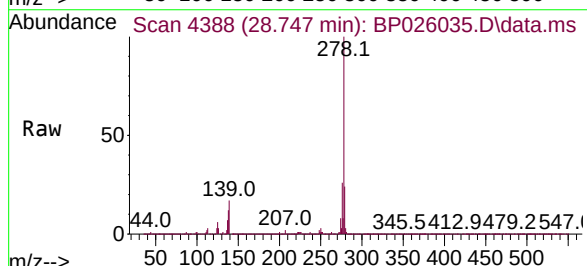
Tgt Ion:278 Resp: 8497246

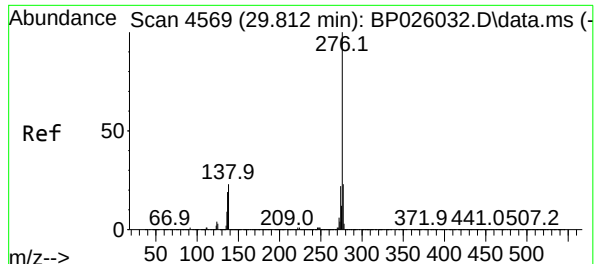
Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.6

279 24.2 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 83.299 ng

RT: 29.830 min Scan# 4572

Delta R.T. 0.000 min

Lab File: BP026035.D

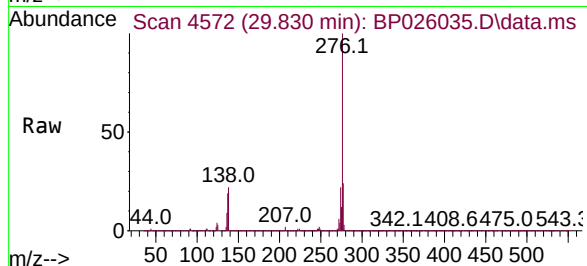
Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion: 276 Resp: 8153149

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

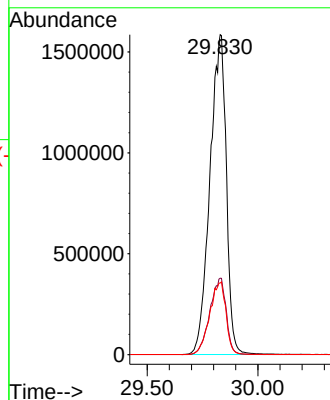
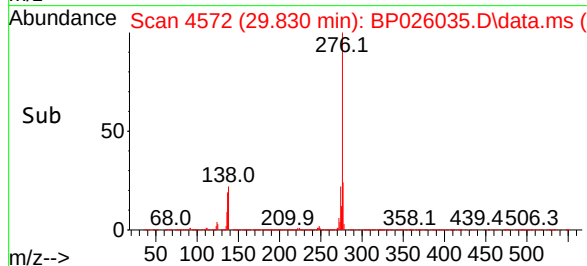
138 22.4 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	281938	20.000	ng	-0.05
21) Naphthalene-d8	10.413	136	1165829	20.000	ng	-0.04
39) Acenaphthene-d10	14.313	164	734180	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1529844	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1603754	20.000	ng	0.01
86) Perylene-d12	24.901	264	1688986	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	1169189	68.429	ng	-0.05
7) Phenol-d6	6.807	99	1480783	68.090	ng	-0.05
23) Nitrobenzene-d5	8.784	82	1283881	68.652	ng	-0.04
42) 2,4,6-Tribromophenol	15.830	330	577899	72.809	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3425177	67.037	ng	-0.02
79) Terphenyl-d14	19.871	244	5329468	67.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.214	88	239880	33.303	ng	100
3) Pyridine	3.590	79	668959	32.670	ng	99
4) n-Nitrosodimethylamine	3.508	42	288399	35.142	ng	97
6) Aniline	6.972	93	1040197	35.839	ng	100
8) 2-Chlorophenol	7.202	128	654572	34.596	ng	97
9) Benzaldehyde	6.784	77	520334m	46.027	ng	
10) Phenol	6.831	94	816366	33.813	ng	99
11) bis(2-Chloroethyl)ether	7.066	93	645531	33.880	ng	99
12) 1,3-Dichlorobenzene	7.531	146	750462	34.538	ng	99
13) 1,4-Dichlorobenzene	7.678	146	771097	35.099	ng	98
14) 1,2-Dichlorobenzene	7.990	146	735657	35.092	ng	99
15) Benzyl Alcohol	7.866	79	551625	35.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.172	45	965445	33.526	ng	98
17) 2-Methylphenol	8.078	107	553305	34.998	ng	99
18) Hexachloroethane	8.713	117	259803	34.560	ng	100
19) n-Nitroso-di-n-propyla...	8.443	70	490575	36.340	ng	98
20) 3+4-Methylphenols	8.396	107	753178	34.245	ng	98
22) Acetophenone	8.449	105	1054241	35.756	ng	# 98
24) Nitrobenzene	8.825	77	687636	34.825	ng	98
25) Isophorone	9.343	82	1403746	35.069	ng	100
26) 2-Nitrophenol	9.525	139	257308	36.106	ng	97
27) 2,4-Dimethylphenol	9.584	122	632451	37.573	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	869155	34.454	ng	99
29) 2,4-Dichlorophenol	10.060	162	614929	34.599	ng	99
30) 1,2,4-Trichlorobenzene	10.278	180	684636	35.441	ng	97
31) Naphthalene	10.466	128	2154430	33.888	ng	100
32) Benzoic acid	9.690	122	351760	37.646	ng	98
33) 4-Chloroaniline	10.566	127	949777	38.877	ng	99
34) Hexachlorobutadiene	10.760	225	415865	33.876	ng	99
35) Caprolactam	11.319	113	217407	34.833	ng	96
36) 4-Chloro-3-methylphenol	11.695	107	646328	34.690	ng	98
37) 2-Methylnaphthalene	12.084	142	1378858	30.988	ng	99
38) 1-Methylnaphthalene	12.319	142	1423665	32.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	786568	34.481	ng	100
41) Hexachlorocyclopentadiene	12.448	237	393924	47.197	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	489212	36.282	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	543516	35.326	ng	96
46) 1,1'-Biphenyl	13.113	154	1971667	35.073	ng	100
47) 2-Chloronaphthalene	13.154	162	1471874	33.277	ng	98
48) 2-Nitroaniline	13.354	65	374554	33.821	ng	99
49) Acenaphthylene	14.031	152	2509218	38.923	ng	100
50) Dimethylphthalate	13.760	163	1875076	35.112	ng	100
51) 2,6-Dinitrotoluene	13.866	165	367251	37.528	ng	96
52) Acenaphthene	14.378	154	1458746	32.961	ng	99
53) 3-Nitroaniline	14.195	138	425192	36.037	ng	97
54) 2,4-Dinitrophenol	14.413	184	126516	36.040	ng	97
55) Dibenzofuran	14.719	168	2269310	33.938	ng	99
56) 4-Nitrophenol	14.507	139	348249	32.703	ng	97
57) 2,4-Dinitrotoluene	14.678	165	499801	35.013	ng	100
58) Fluorene	15.378	166	1851395	35.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	474164	39.197	ng	99
60) Diethylphthalate	15.166	149	1879900	35.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	887559	33.928	ng	99
62) 4-Nitroaniline	15.395	138	432391	37.891	ng	98
63) Azobenzene	15.689	77	1705483	35.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	200079	35.409	ng	93
66) n-Nitrosodiphenylamine	15.601	169	1610105	33.661	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	556621	32.800	ng	98
68) Hexachlorobenzene	16.419	284	633716	32.804	ng	99
69) Atrazine	16.583	200	598775	37.108	ng	97
70) Pentachlorophenol	16.760	266	397848	33.716	ng	99
71) Phenanthrene	17.166	178	2914044	32.726	ng	100
72) Anthracene	17.260	178	2948850	33.409	ng	100
73) Carbazole	17.536	167	2792407	33.421	ng	100
74) Di-n-butylphthalate	18.154	149	3284045	35.126	ng	100
75) Fluoranthene	19.266	202	3440878	33.126	ng	99
77) Benzidine	19.454	184	1960099	48.151	ng	100
78) Pyrene	19.642	202	3569948	32.912	ng	99
80) Butylbenzylphthalate	20.613	149	1317625	33.630	ng	98
81) Benzo(a)anthracene	21.560	228	3642485	33.052	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1322765	37.253	ng	100
83) Chrysene	21.624	228	3395520	32.526	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2128720	33.750	ng	99
85) Di-n-octyl phthalate	22.818	149	3214231	33.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.671	276	4151592m	33.295	ng	
88) Benzo(b)fluoranthene	23.848	252	3575209	34.098	ng	99
89) Benzo(k)fluoranthene	23.930	252	3681173	34.381	ng	100
90) Benzo(a)pyrene	24.742	252	3373695	35.024	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	3437827	33.879	ng	99
92) Benzo(g,h,i)perylene	29.836	276	3306526	33.862	ng	99

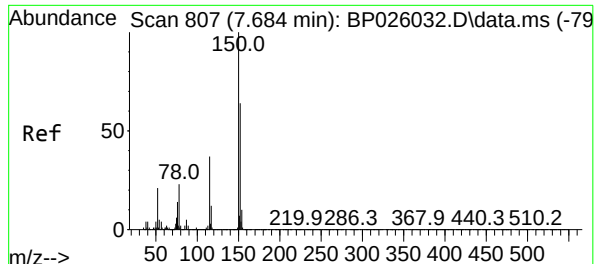
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025





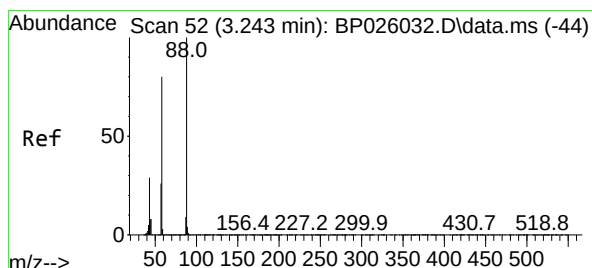
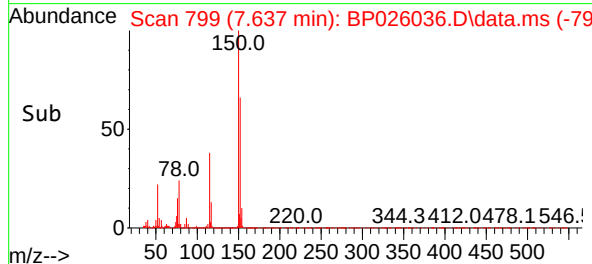
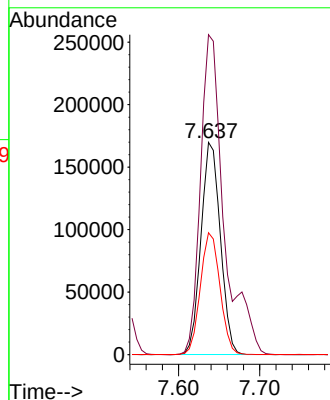
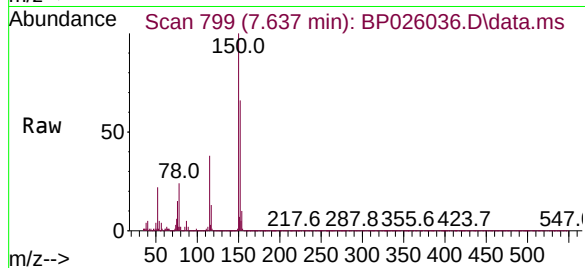
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
Client Sample Id :
ICVBP102925

Tgt Ion: 152 Resp: 281938
Ion Ratio Lower Upper
152 100
150 150.8 125.7 188.5
115 57.4 46.4 69.6

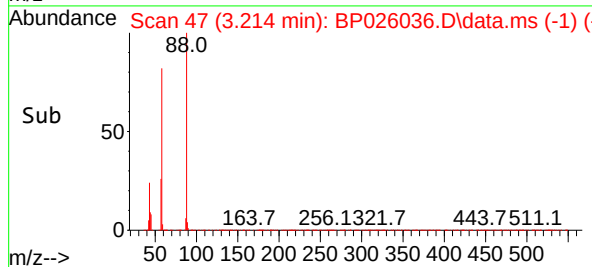
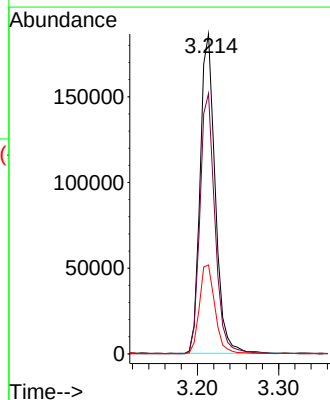
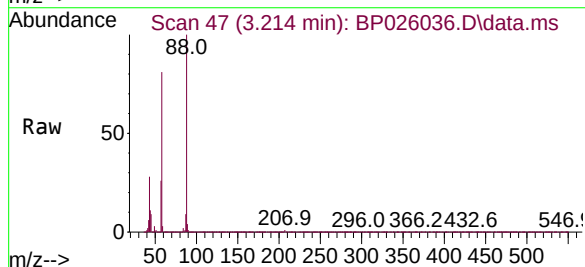
Manual Integrations
APPROVED

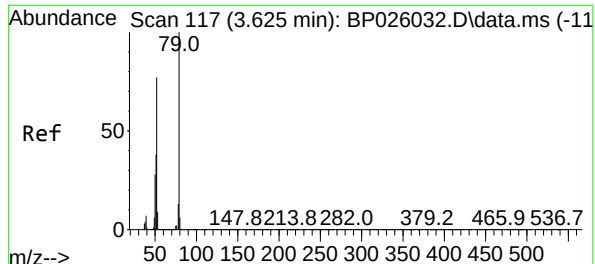
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 33.303 ng
RT: 3.214 min Scan# 47
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 88 Resp: 239880
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 28.8 23.1 34.7





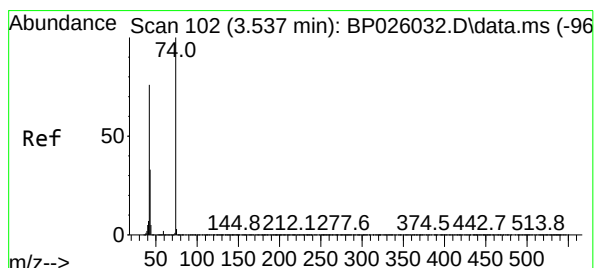
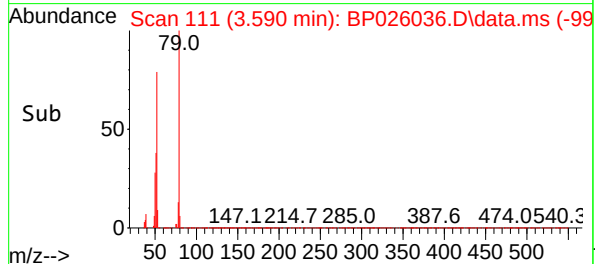
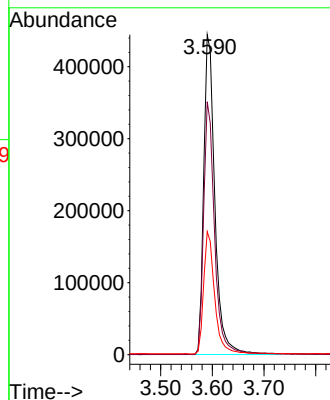
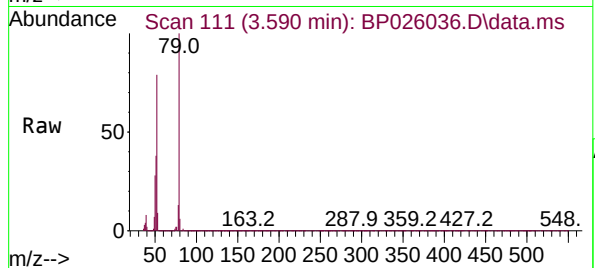
#3
Pyridine
Concen: 32.670 ng
RT: 3.590 min Scan# 117
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 79 Resp: 668959
Ion Ratio Lower Upper
79 100
52 79.0 62.0 93.0
51 38.4 30.6 46.0

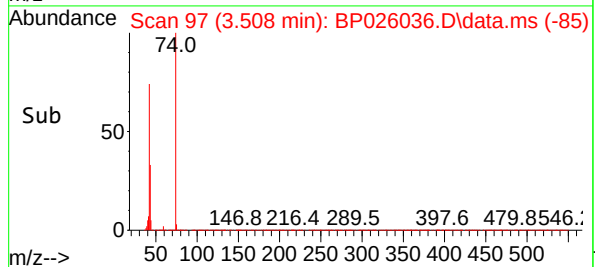
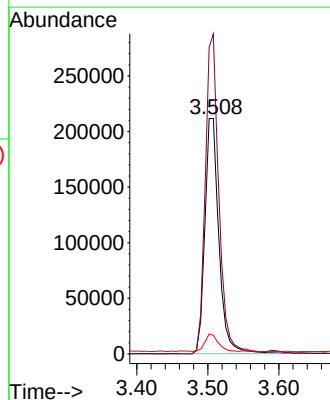
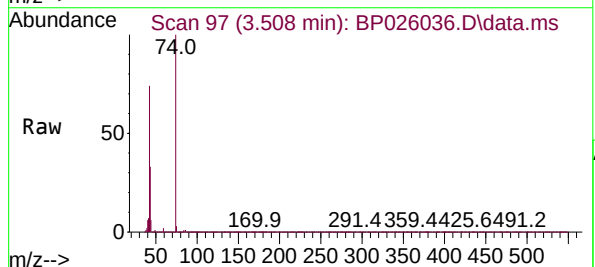
Manual Integrations
APPROVED

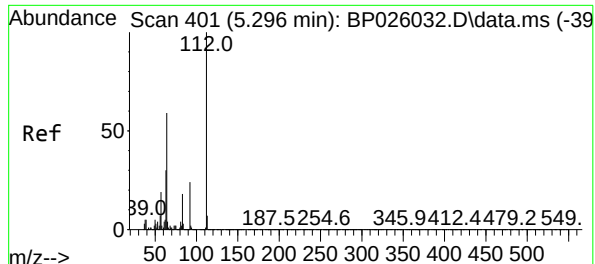
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 35.142 ng
RT: 3.508 min Scan# 97
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 42 Resp: 288399
Ion Ratio Lower Upper
42 100
74 135.9 105.7 158.5
44 8.0 6.6 9.8





#5

2-Fluorophenol

Concen: 68.429 ng

RT: 5.249 min Scan# 39

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:112 Resp: 1169189

Ion Ratio Lower Upper

112 100

64 57.7 47.4 71.2

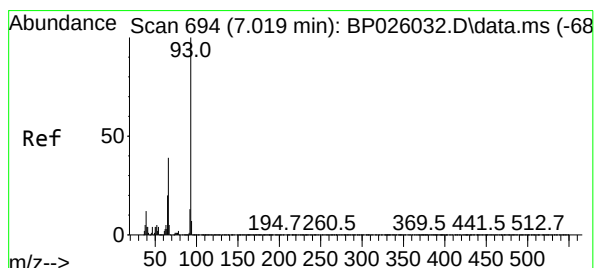
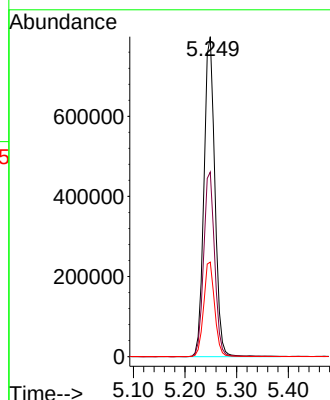
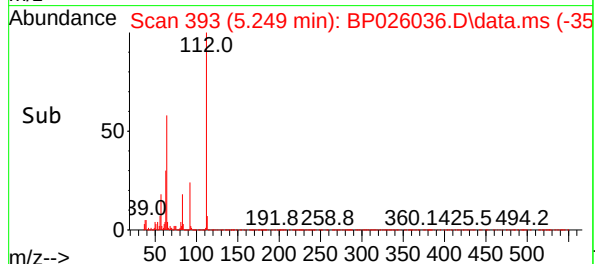
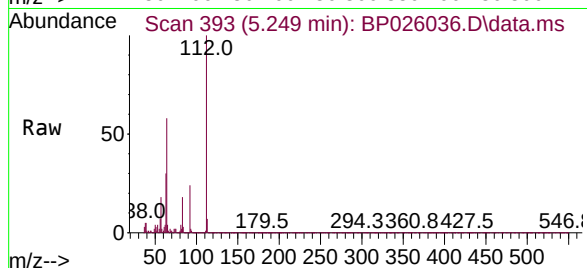
63 29.5 24.2 36.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#6

Aniline

Concen: 35.839 ng

RT: 6.972 min Scan# 686

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

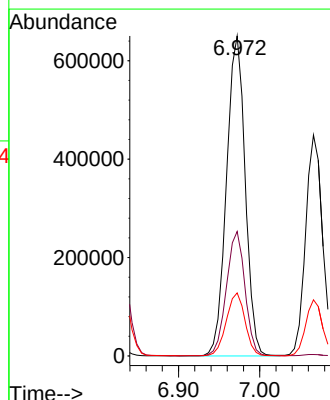
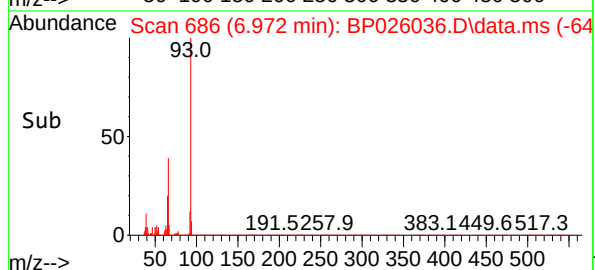
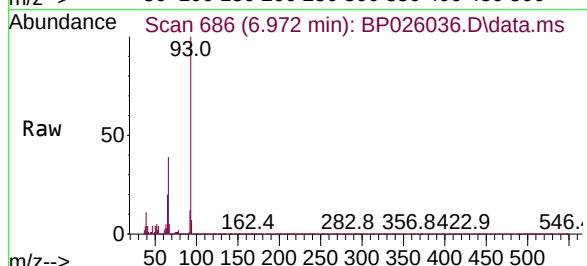
Tgt Ion: 93 Resp: 1040197

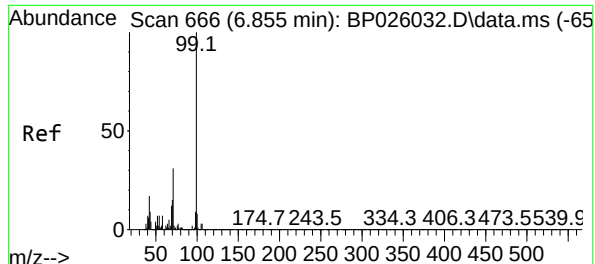
Ion Ratio Lower Upper

93 100

66 38.9 31.2 46.8

65 19.7 16.1 24.1





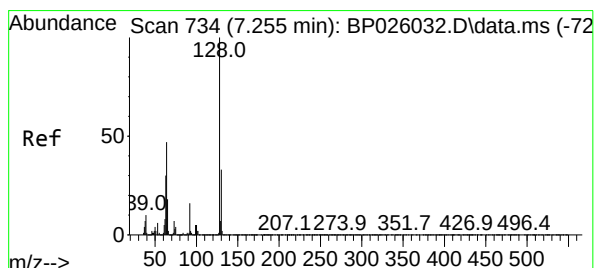
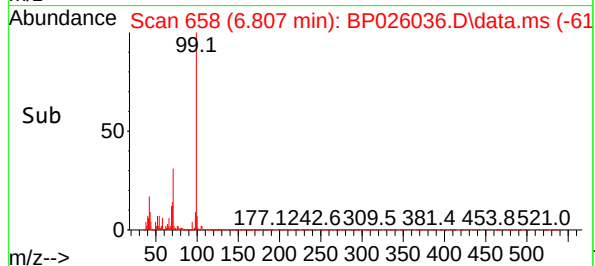
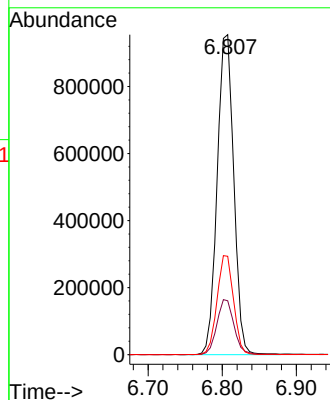
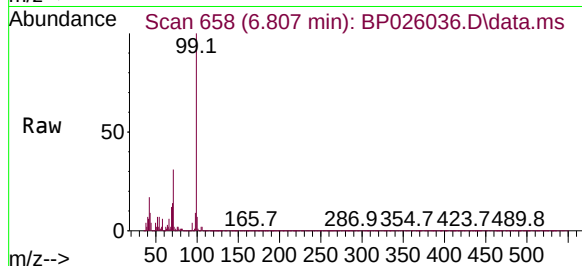
#7
Phenol-d6
Concen: 68.090 ng
RT: 6.807 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 99 Resp: 1480783
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 30.7 24.4 36.6

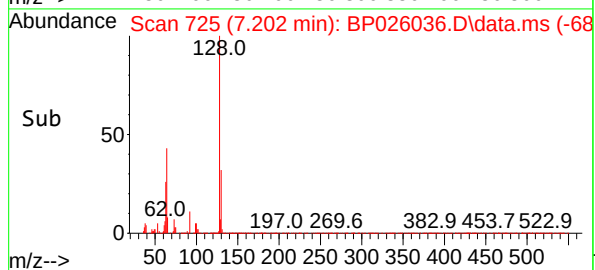
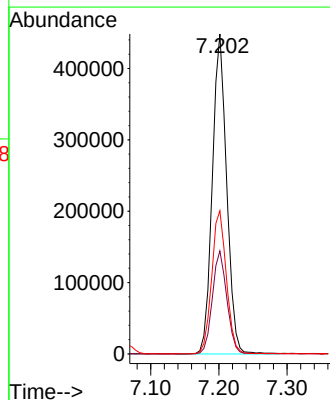
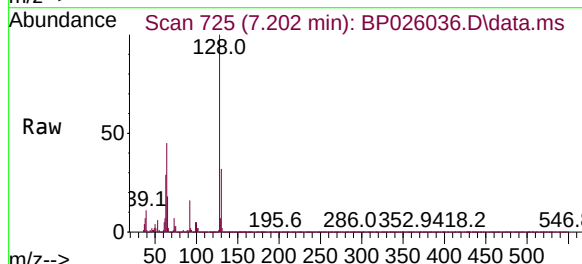
Manual Integrations
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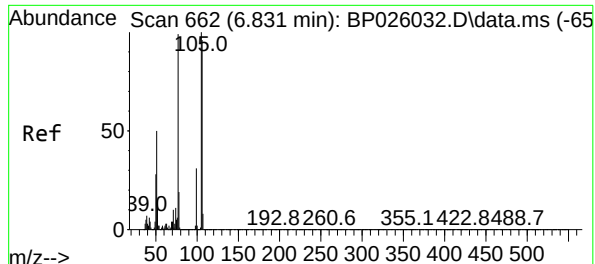
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 34.596 ng
RT: 7.202 min Scan# 725
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:128 Resp: 654572
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.7 27.4 67.4





#9

Benzaldehyde

Concen: 46.027 ng m

RT: 6.784 min Scan# 61

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

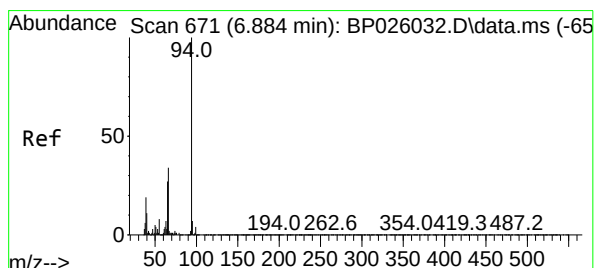
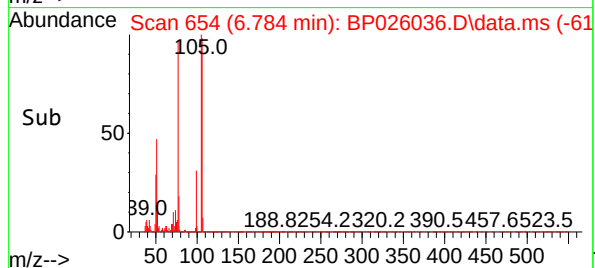
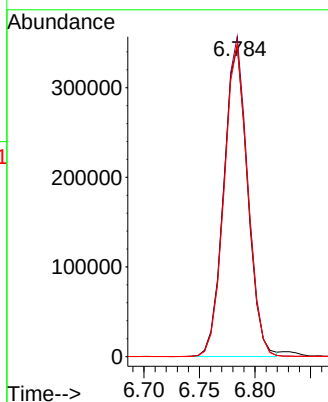
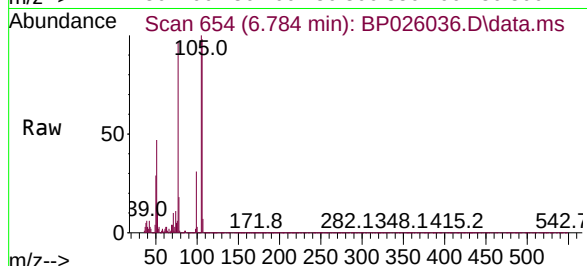
ICVBP102925

Tgt Ion: 77	Resp: 520334
Ion Ratio	Lower Upper
77 100	
105 102.9	80.7 120.7
106 100.3	76.5 116.5

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#10

Phenol

Concen: 33.813 ng

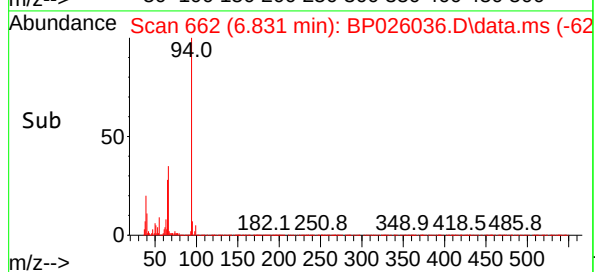
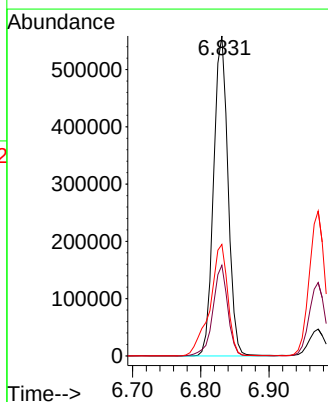
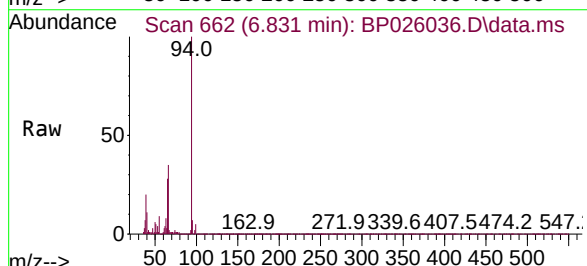
RT: 6.831 min Scan# 662

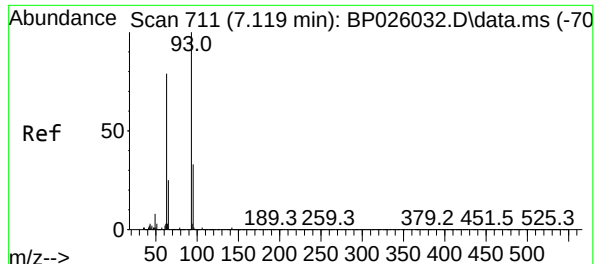
Delta R.T. -0.053 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion: 94	Resp: 816366
Ion Ratio	Lower Upper
94 100	
65 28.3	7.1 47.1
66 34.8	14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 33.880 ng

RT: 7.066 min Scan# 70

Delta R.T. -0.053 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 93 Resp: 64553

Ion Ratio Lower Upper

93 100

63 79.5 59.1 99.1

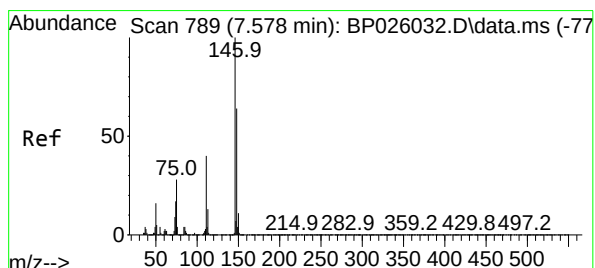
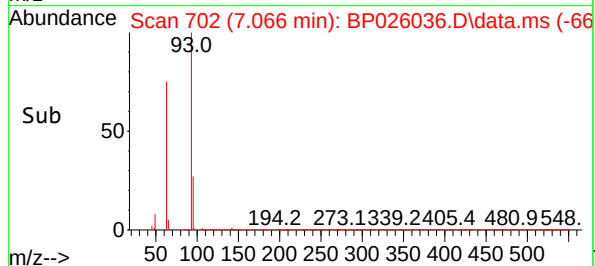
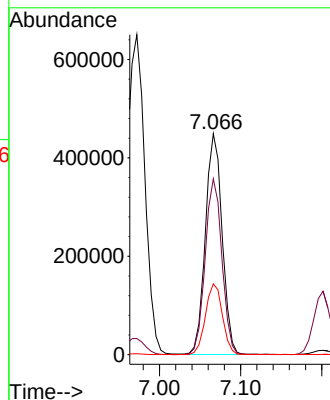
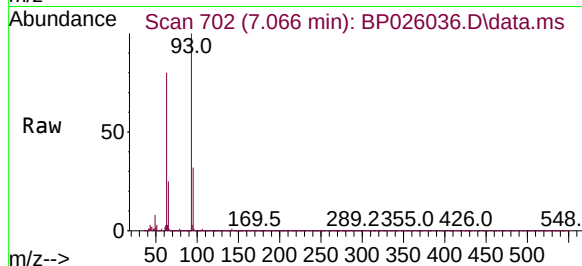
95 32.0 12.6 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 34.538 ng

RT: 7.531 min Scan# 781

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

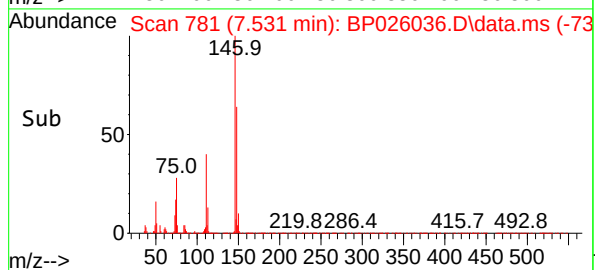
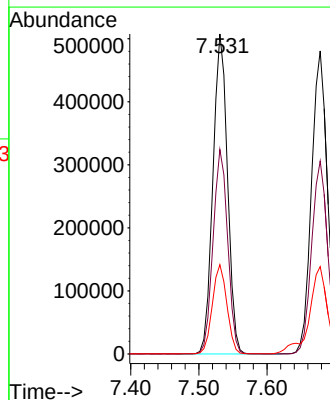
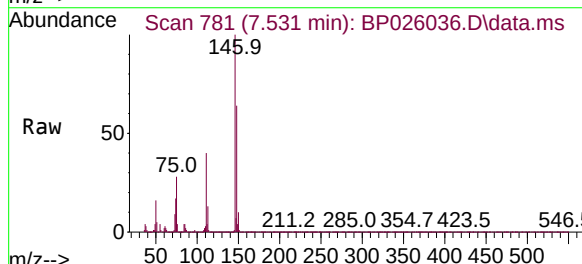
Tgt Ion:146 Resp: 750462

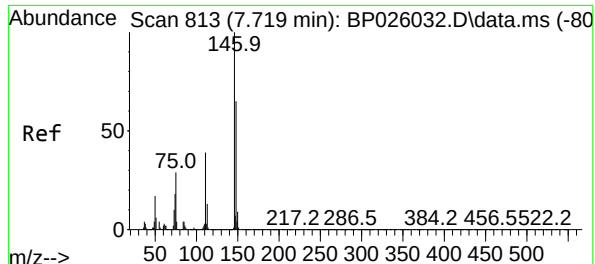
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 27.9 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 35.099 ng

RT: 7.678 min Scan# 80

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

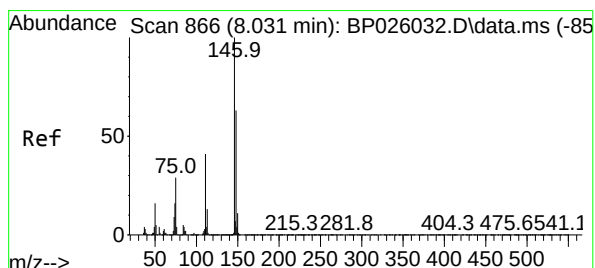
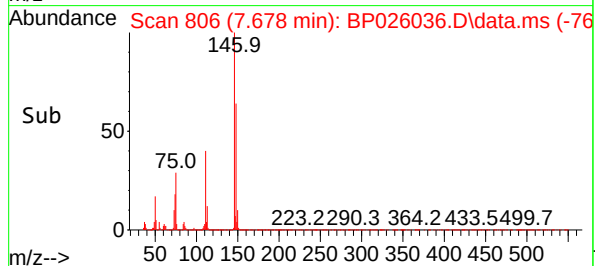
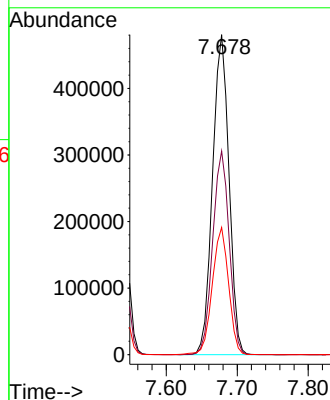
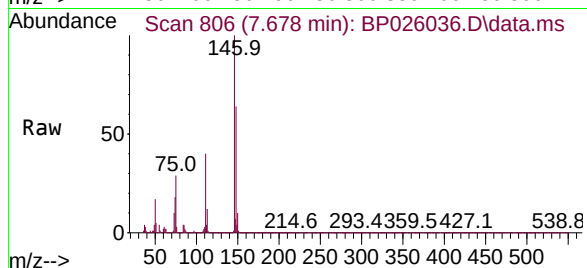
ICVBP102925

Tgt Ion:	146	Resp:	771097
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	39.7	31.3	46.9

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 35.092 ng

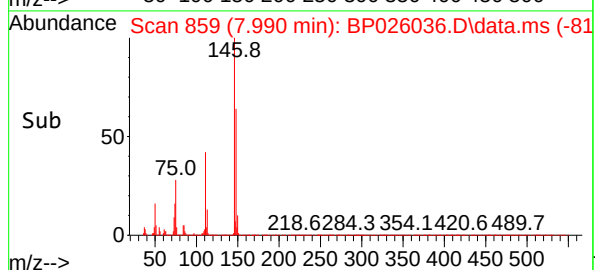
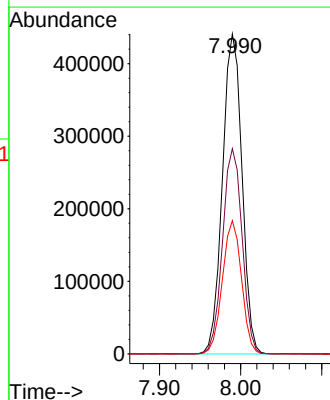
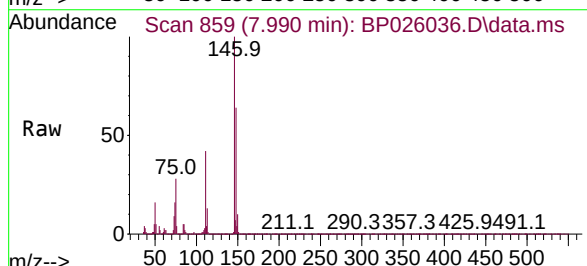
RT: 7.990 min Scan# 859

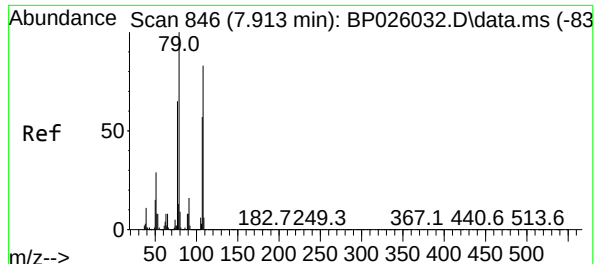
Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	146	Resp:	735657
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	41.6	33.0	49.4





#15

Benzyl Alcohol

Concen: 35.185 ng

RT: 7.866 min Scan# 846

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

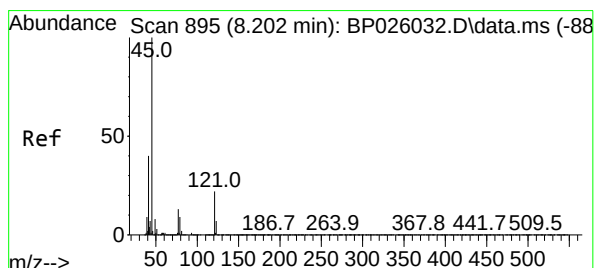
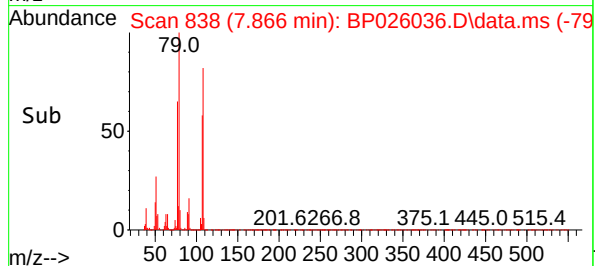
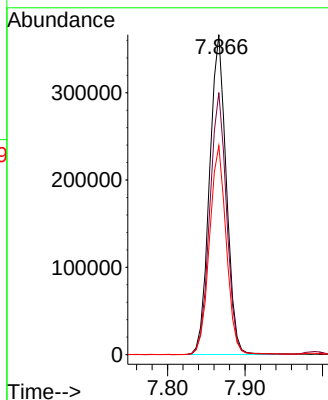
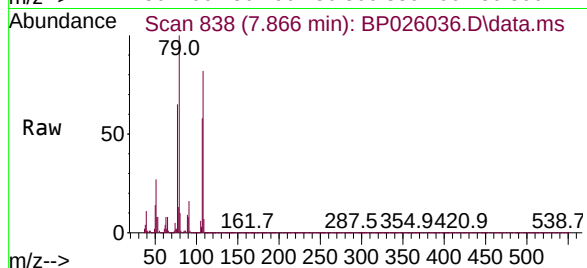
ICVBP102925

Tgt Ion: 79	Resp: 551625
Ion Ratio	Lower Upper
79 100	
108 81.9	66.0 99.0
77 65.3	52.3 78.5

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.526 ng

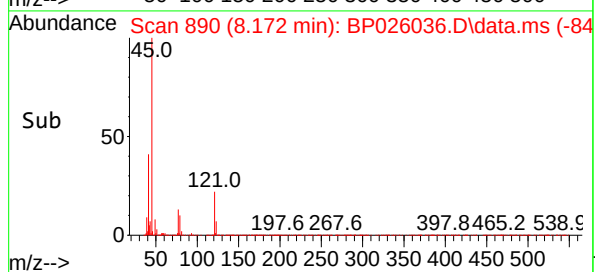
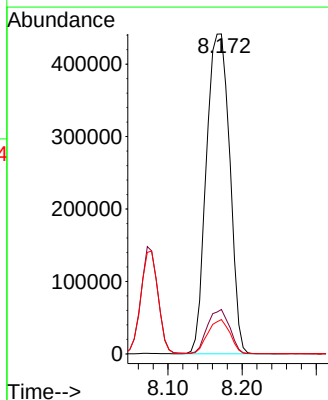
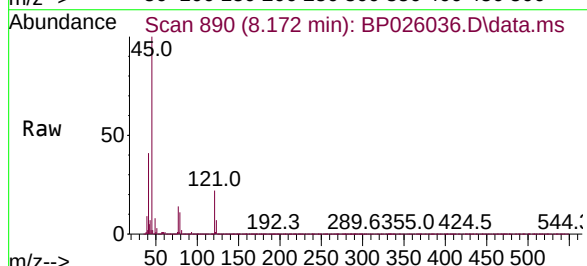
RT: 8.172 min Scan# 890

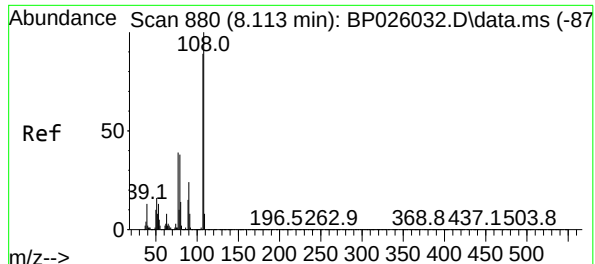
Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

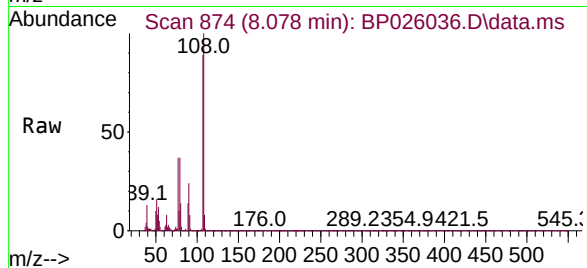
Tgt Ion: 45	Resp: 965445
Ion Ratio	Lower Upper
45 100	
77 13.9	0.0 33.2
79 10.7	0.0 29.5





#17
2-Methylphenol
Concen: 34.998 ng
RT: 8.078 min Scan# 81
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

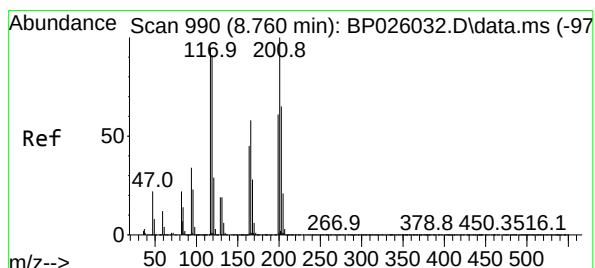
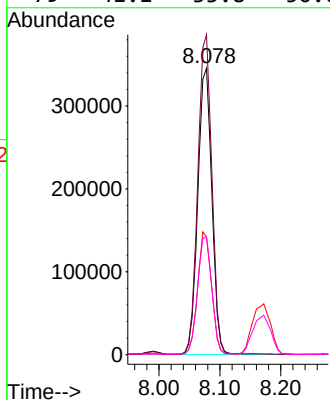
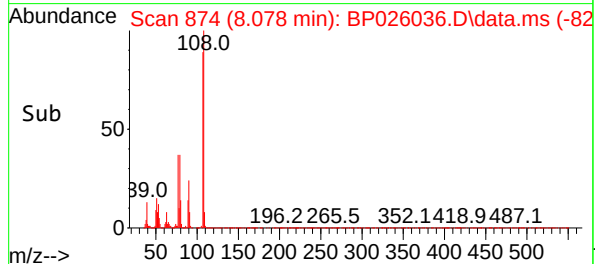
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



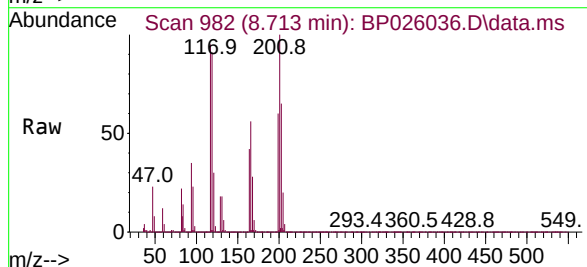
Tgt Ion:107 Resp: 553305
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 41.1 34.8 52.2
79 41.1 33.8 50.6

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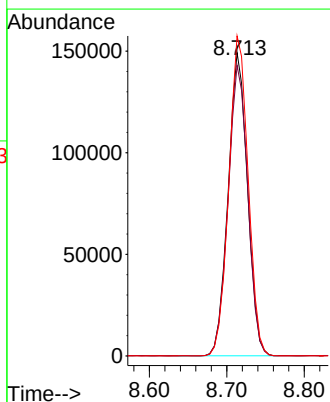
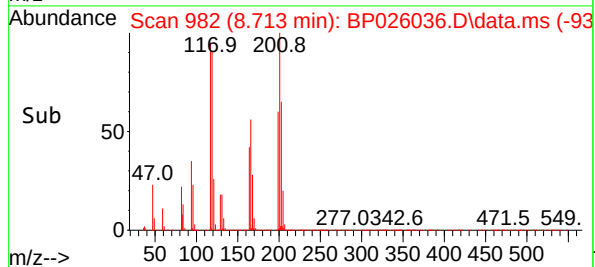
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

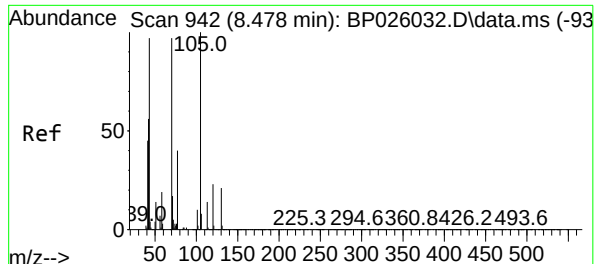


#18
Hexachloroethane
Concen: 34.560 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



Tgt Ion:117 Resp: 259803
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 105.5 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.340 ng

RT: 8.443 min Scan# 91

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 70 Resp: 490575

Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 9.9 8.2 12.2

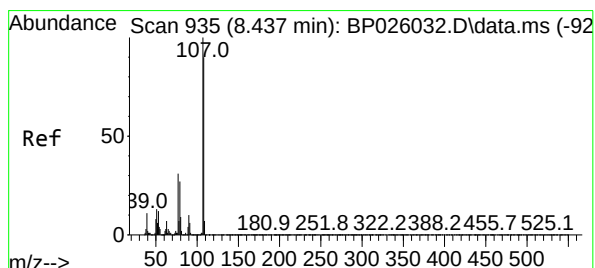
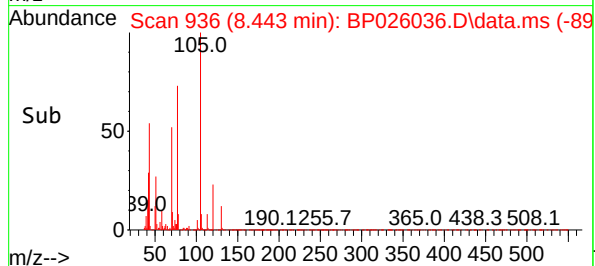
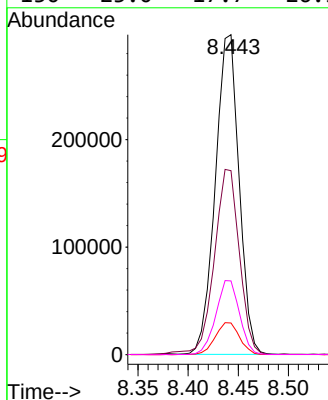
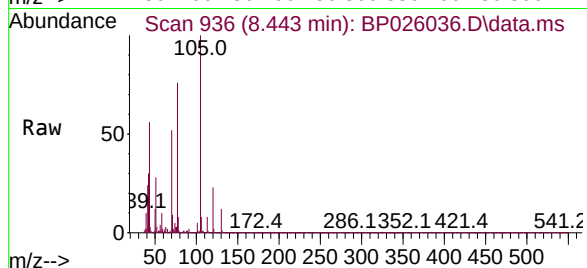
130 23.0 17.7 26.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 34.245 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:107 Resp: 753178

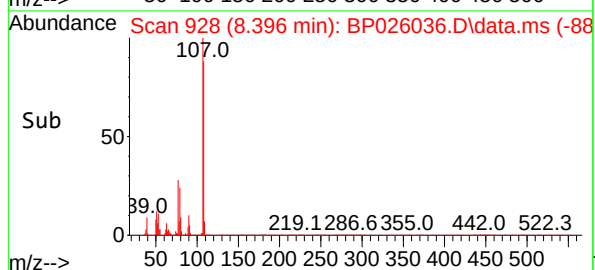
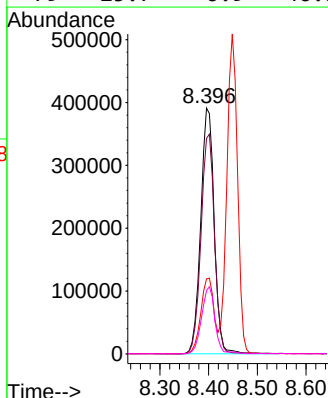
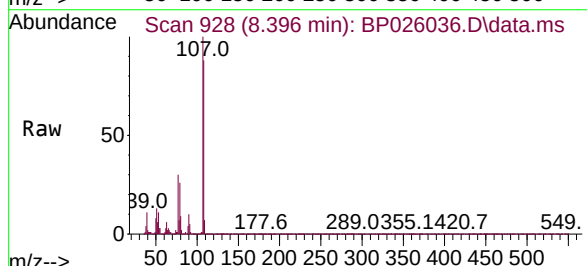
Ion Ratio Lower Upper

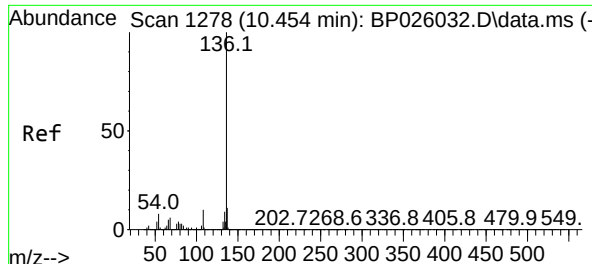
107 100

108 87.6 70.1 110.1

77 30.5 10.7 50.7

79 25.7 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.413 min Scan# 11

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:136 Resp: 1165829

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 6.6 10.0

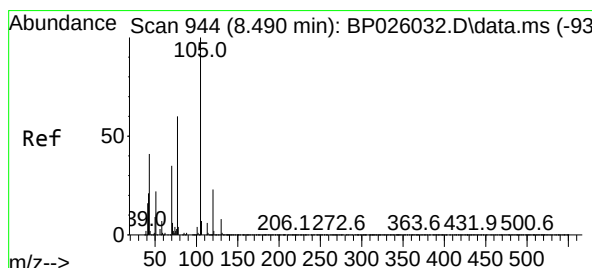
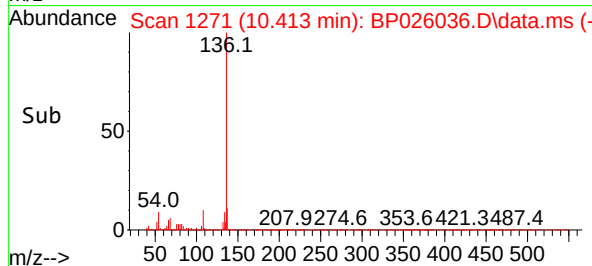
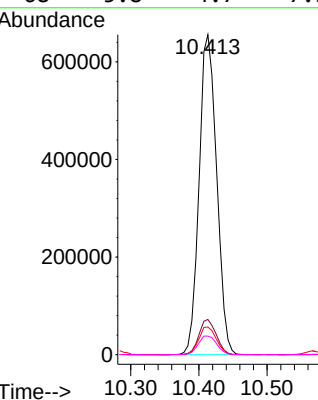
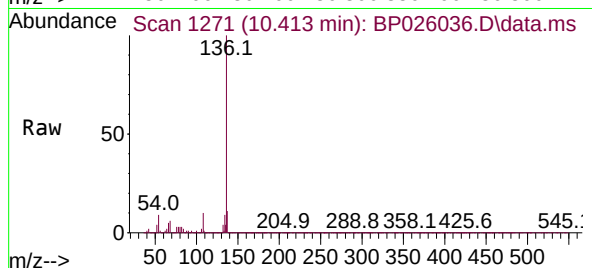
68 5.8 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 35.756 ng

RT: 8.449 min Scan# 937

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:105 Resp: 1054241

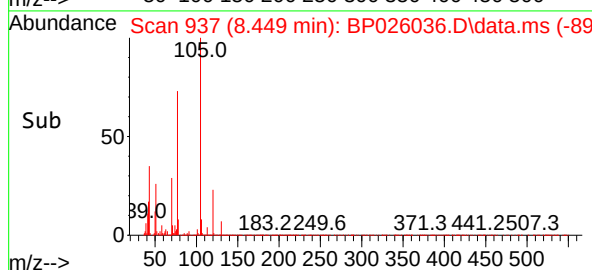
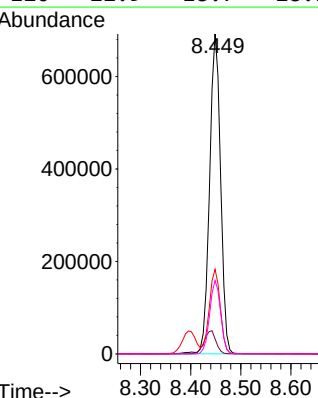
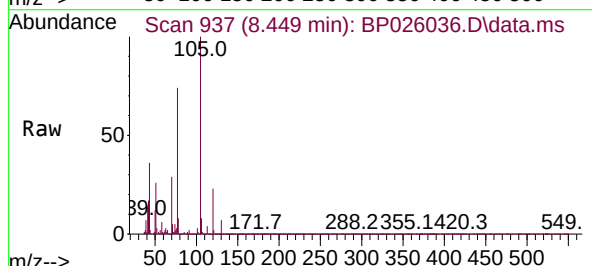
Ion Ratio Lower Upper

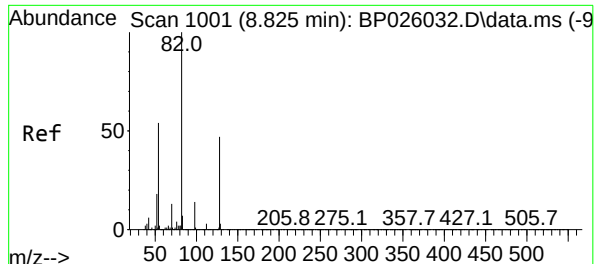
105 100

71 4.7 4.7 7.1#

51 26.4 21.8 32.8

120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 68.652 ng

RT: 8.784 min Scan# 99

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 82 Resp: 128388

Ion Ratio Lower Upper

82 100

128 46.3 37.4 56.0

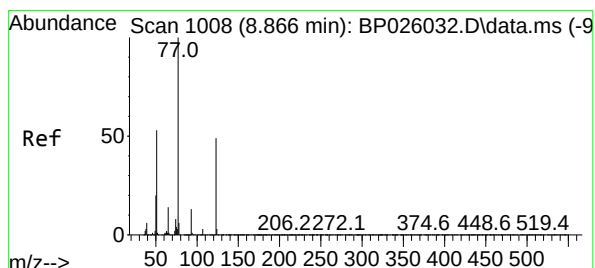
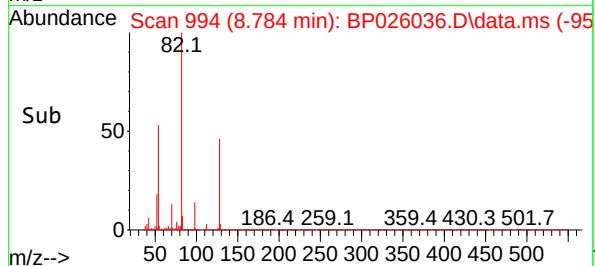
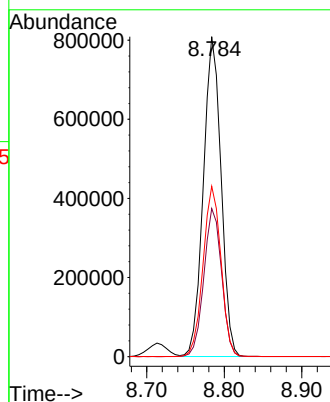
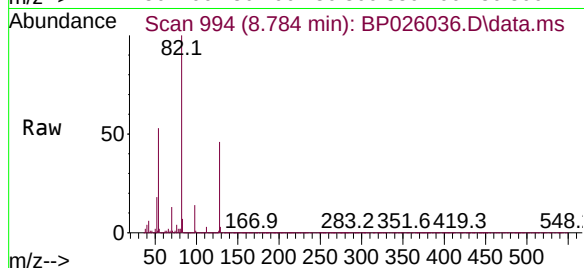
54 53.2 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 34.825 ng

RT: 8.825 min Scan# 1001

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

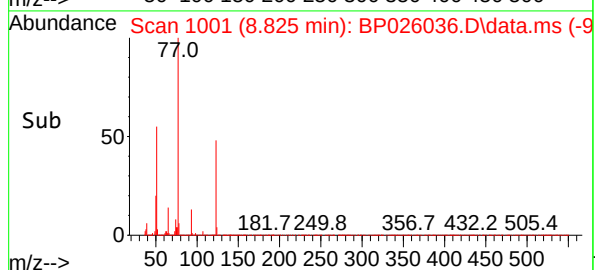
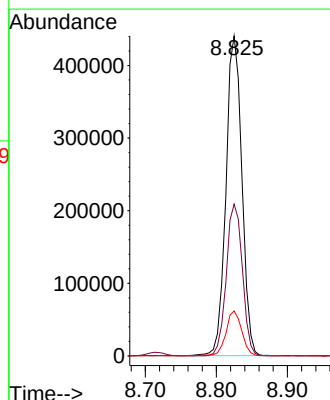
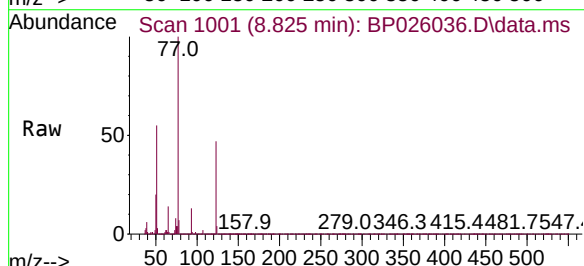
Tgt Ion: 77 Resp: 687636

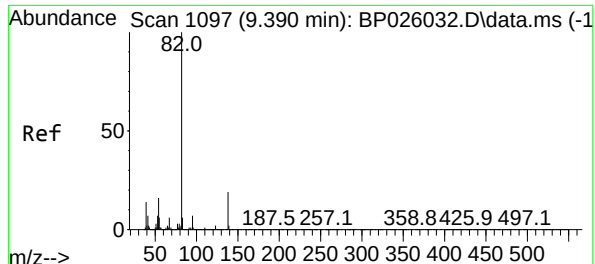
Ion Ratio Lower Upper

77 100

123 47.5 39.0 58.4

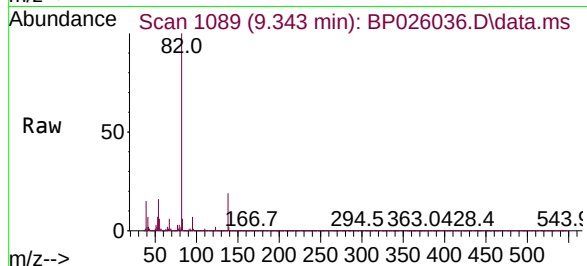
65 14.0 10.9 16.3





#25
Isophorone
Concen: 35.069 ng
RT: 9.343 min Scan# 1097
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

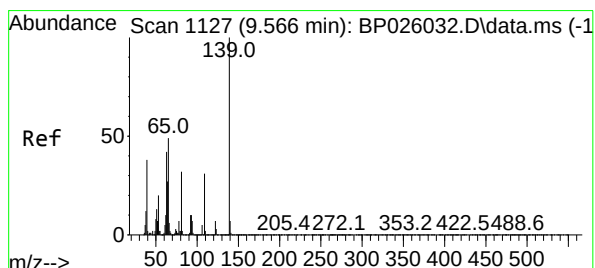
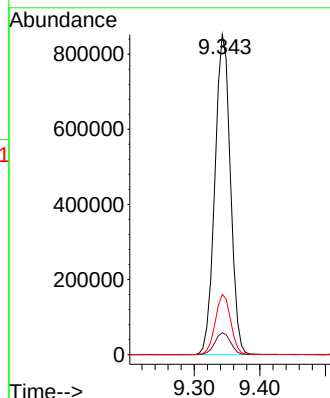
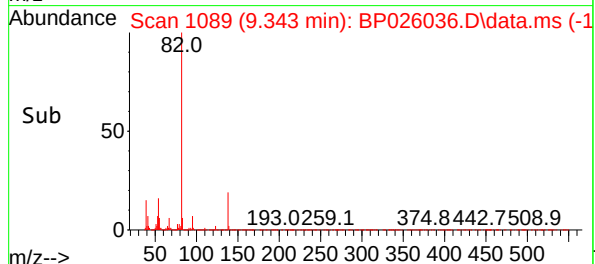
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 82 Resp: 1403746
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.8 15.0 22.6

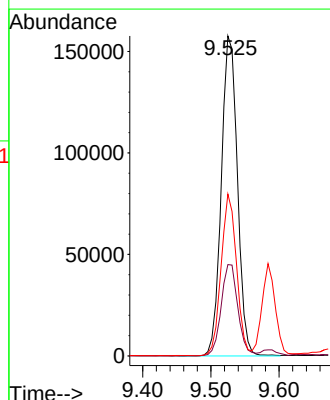
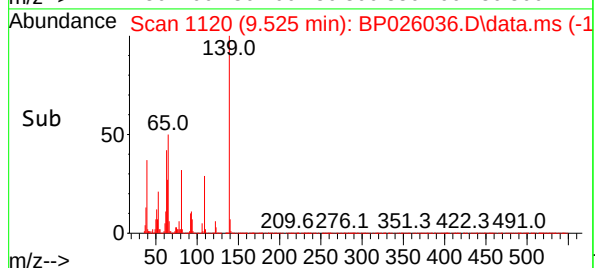
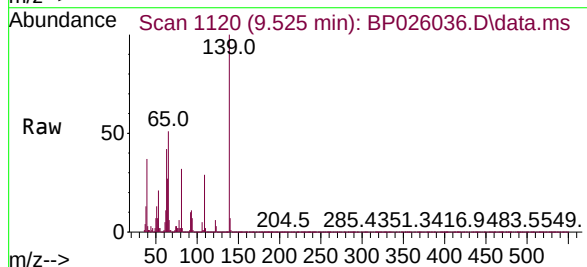
Manual Integrations
APPROVED

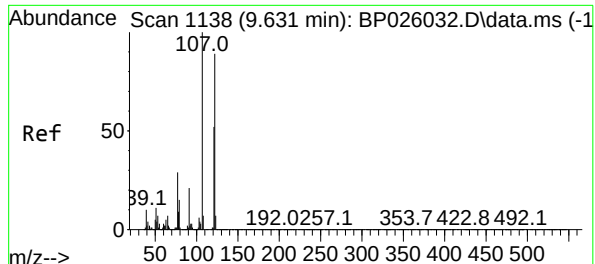
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 36.106 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:139 Resp: 257308
Ion Ratio Lower Upper
139 100
109 28.5 24.8 37.2
65 50.6 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 37.573 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

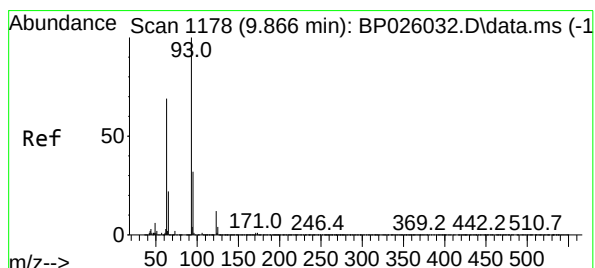
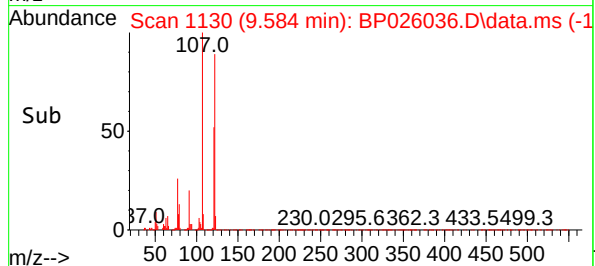
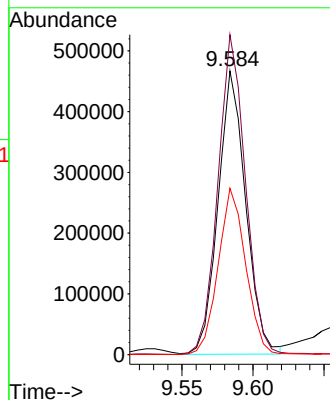
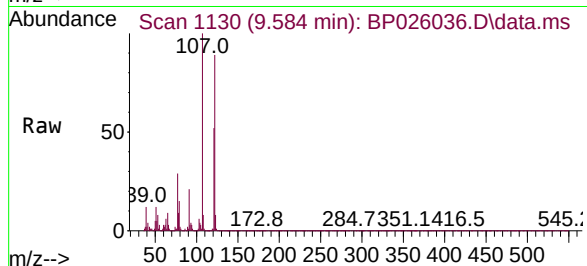
Tgt Ion:	122	Resp:	63245
Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.2	133.8
121	58.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 34.454 ng

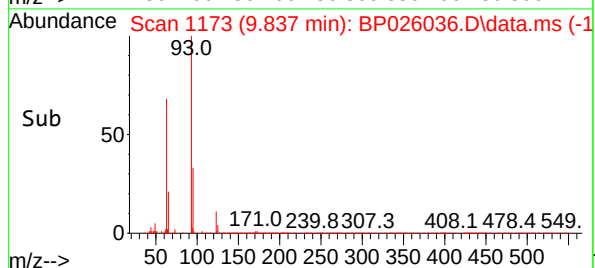
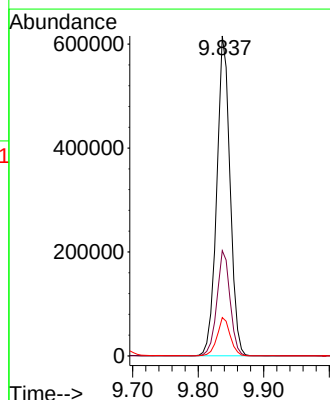
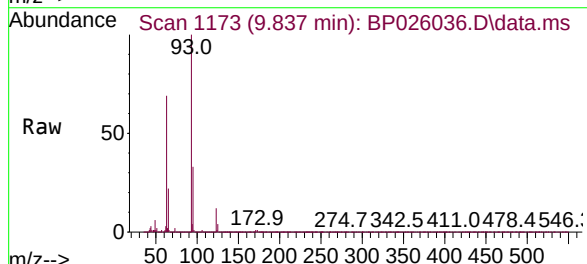
RT: 9.837 min Scan# 1173

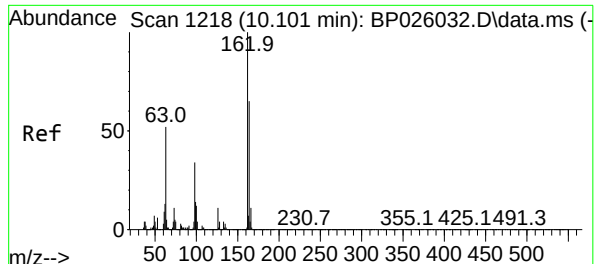
Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	93	Resp:	869155
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	12.0	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 34.599 ng

RT: 10.060 min Scan# 1211

Delta R.T. -0.035 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

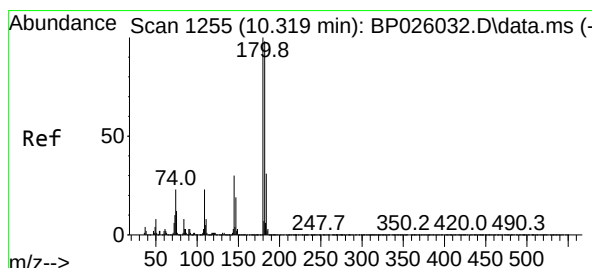
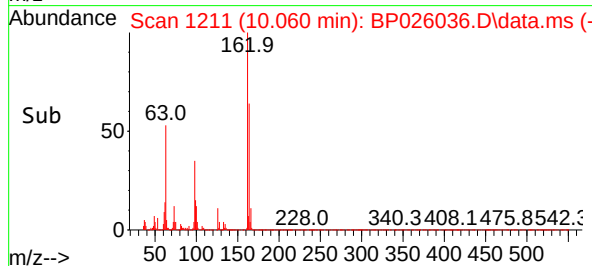
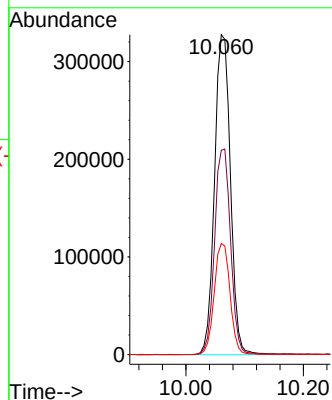
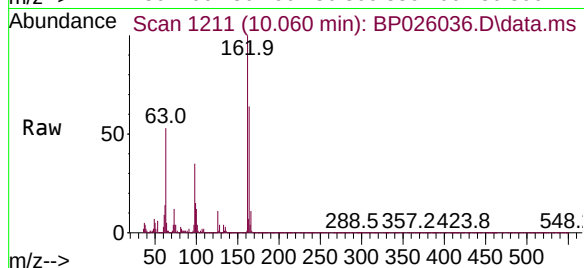
ICVBP102925

Tgt Ion:	162	Resp:	614929
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.6	84.6
98	34.8	14.0	54.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.441 ng

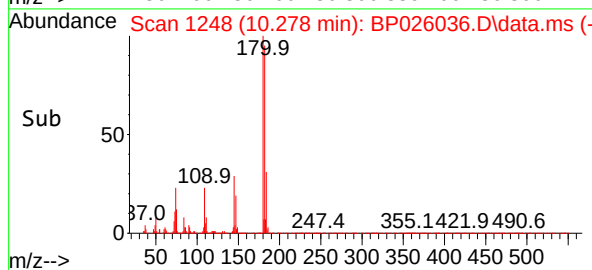
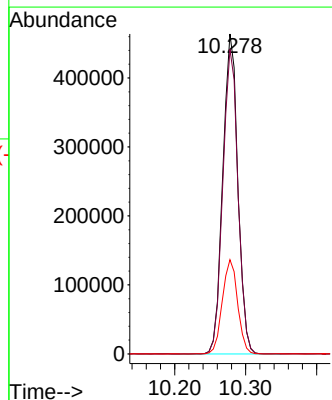
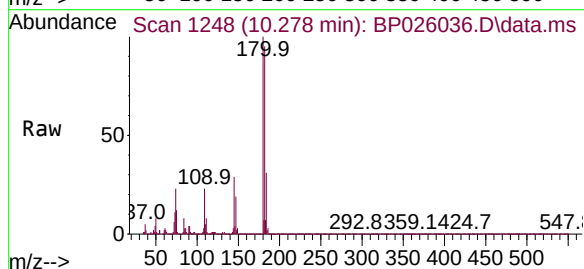
RT: 10.278 min Scan# 1248

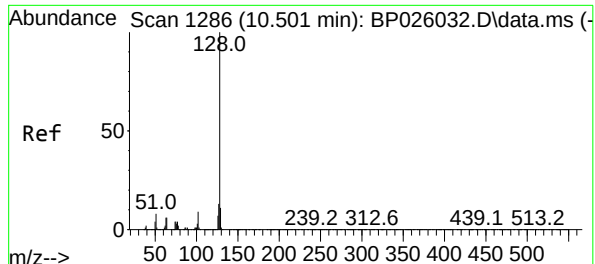
Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

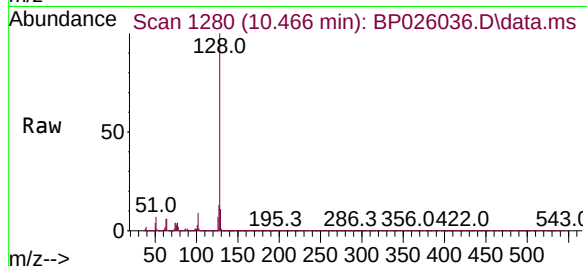
Tgt Ion:	180	Resp:	684636
Ion Ratio	Lower	Upper	
180	100		
182	95.2	78.6	117.8
145	29.4	24.2	36.4





#31
Naphthalene
Concen: 33.888 ng
RT: 10.466 min Scan# 1148
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

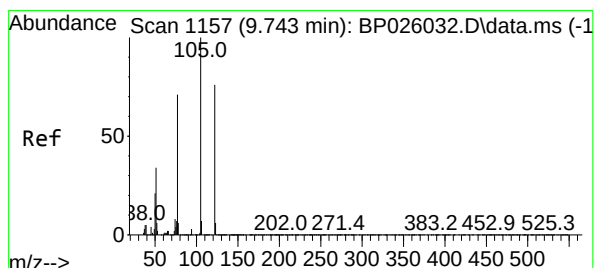
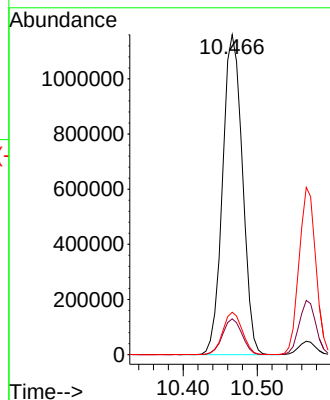
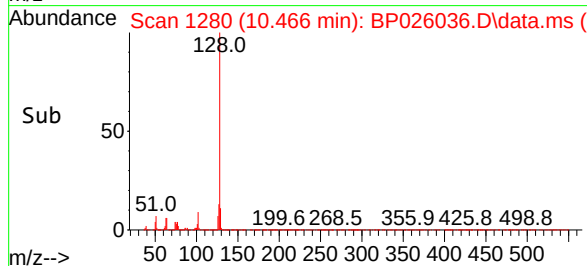
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:128 Resp: 2154436
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.5 15.7

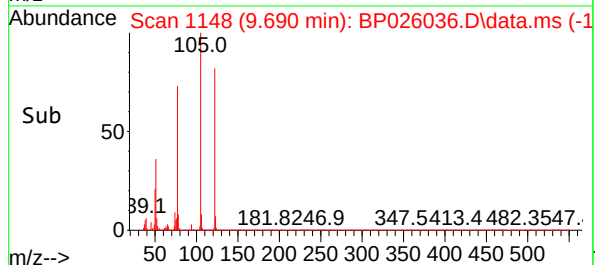
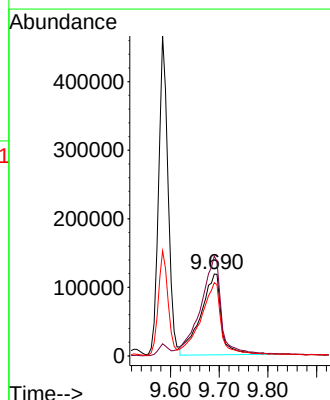
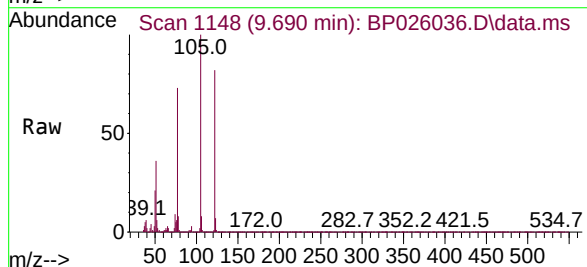
Manual Integrations
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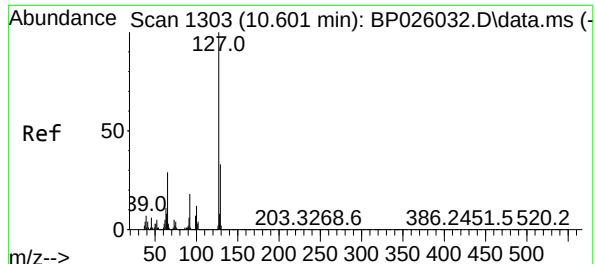
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 37.646 ng
RT: 9.690 min Scan# 1148
Delta R.T. -0.088 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

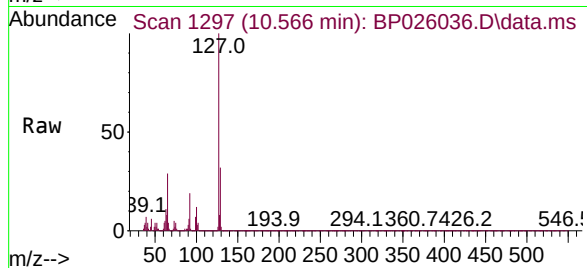
Tgt Ion:122 Resp: 351760
Ion Ratio Lower Upper
122 100
105 121.9 104.8 144.8
77 89.5 70.9 110.9





#33
4-Chloroaniline
Concen: 38.877 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

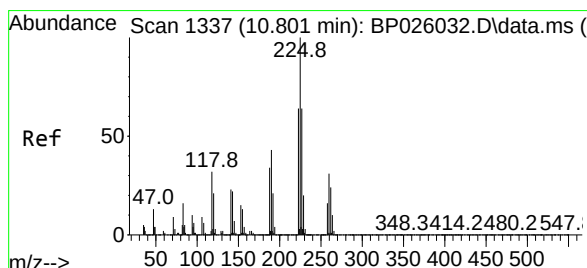
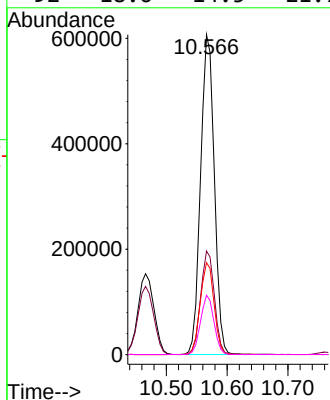
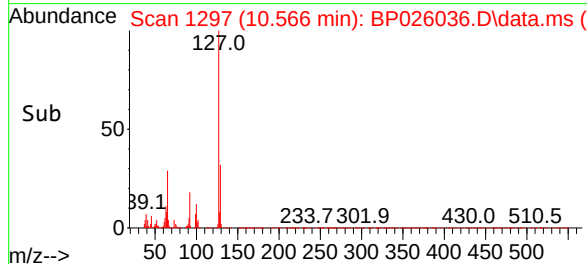
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



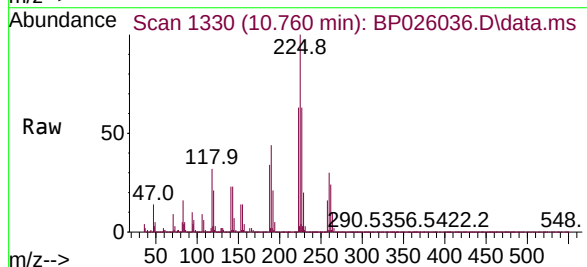
Tgt Ion:127 Resp: 949777
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 28.7 23.2 34.8
92 18.6 14.5 21.7

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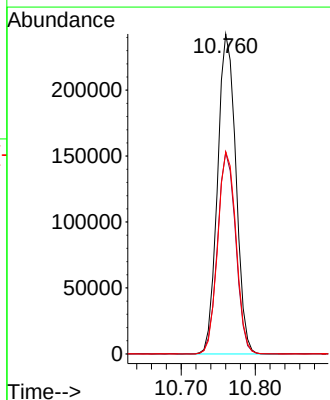
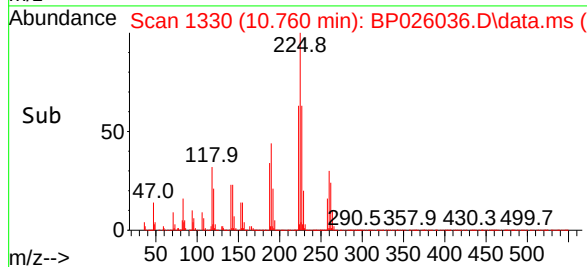
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

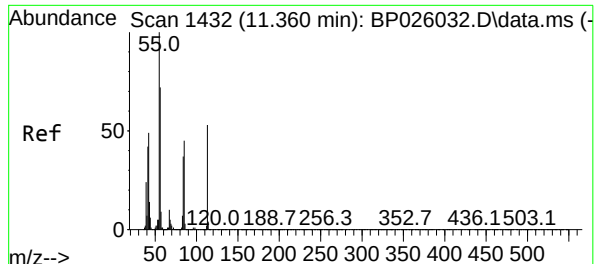


#34
Hexachlorobutadiene
Concen: 33.876 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



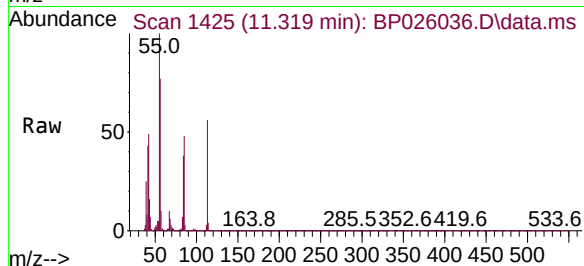
Tgt Ion:225 Resp: 415865
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.2 51.0 76.4





#35
Caprolactam
Concen: 34.833 ng
RT: 11.319 min Scan# 1432
Delta R.T. -0.065 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

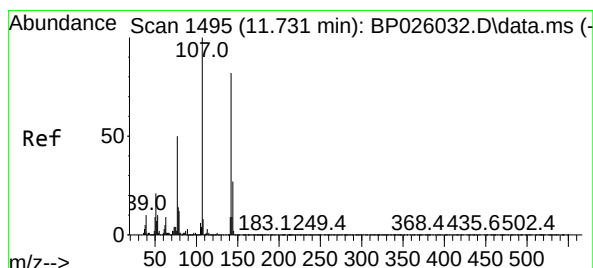
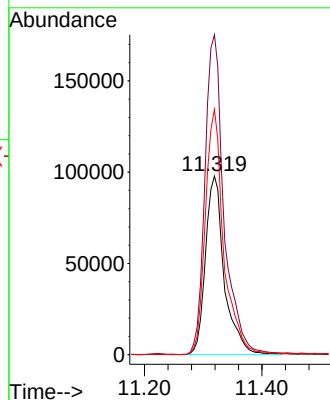
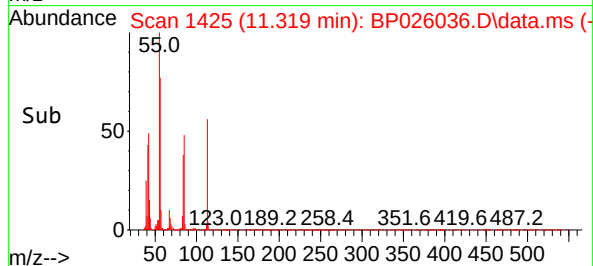
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



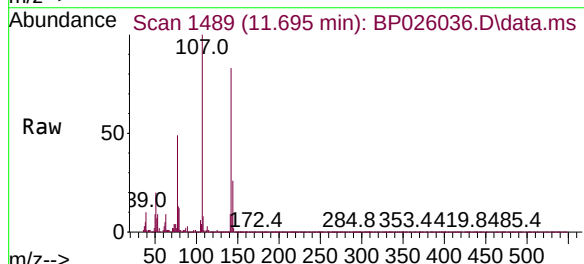
Tgt Ion:113 Resp: 21740
Ion Ratio Lower Upper
113 100
55 179.2 169.9 209.9
56 137.4 116.7 156.7

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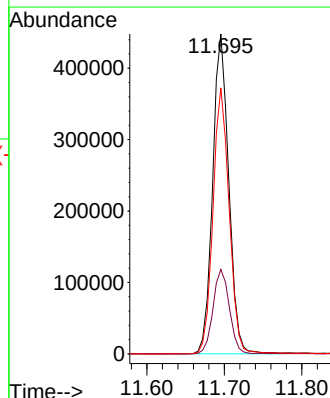
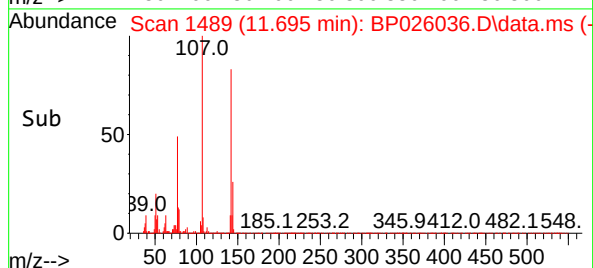
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

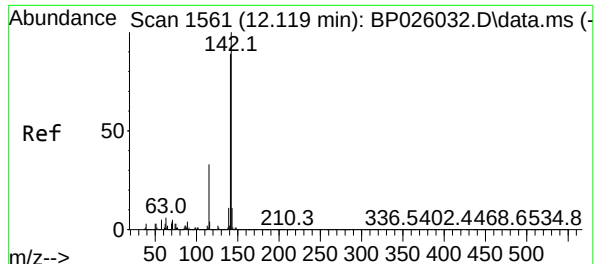


#36
4-Chloro-3-methylphenol
Concen: 34.690 ng
RT: 11.695 min Scan# 1489
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



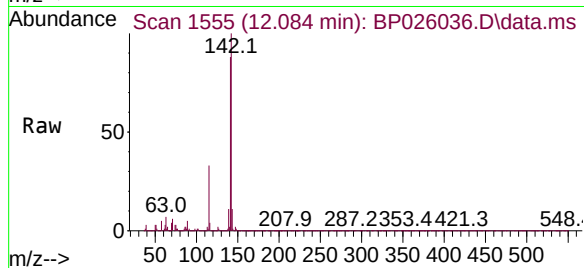
Tgt Ion:107 Resp: 646328
Ion Ratio Lower Upper
107 100
144 26.4 21.3 31.9
142 83.1 65.2 97.8





#37
2-Methylnaphthalene
Concen: 30.988 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

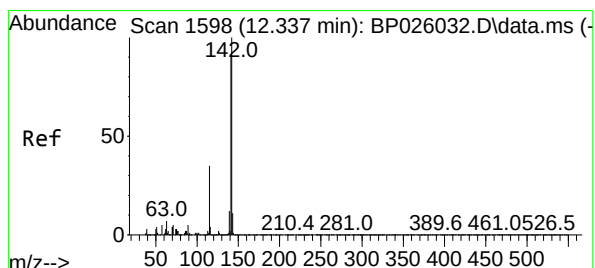
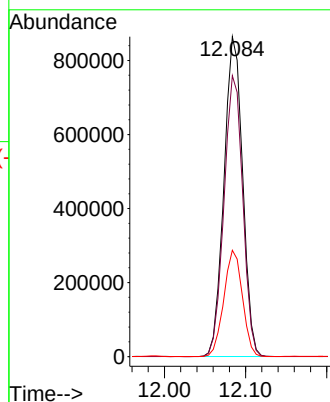
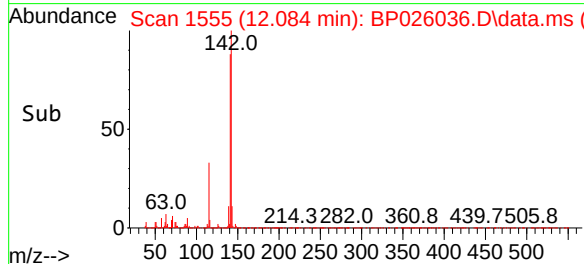
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:142 Resp: 1378858
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 33.2 26.6 39.8

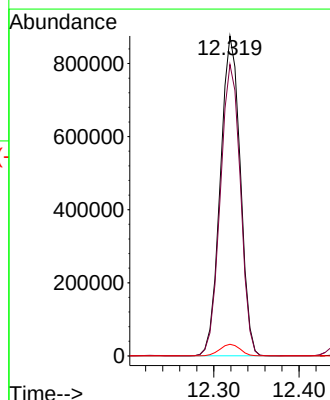
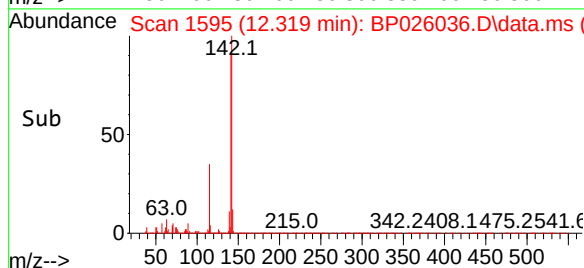
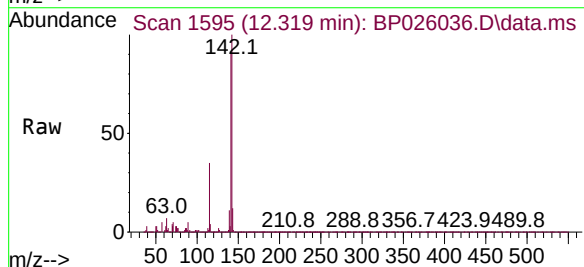
Manual Integrations
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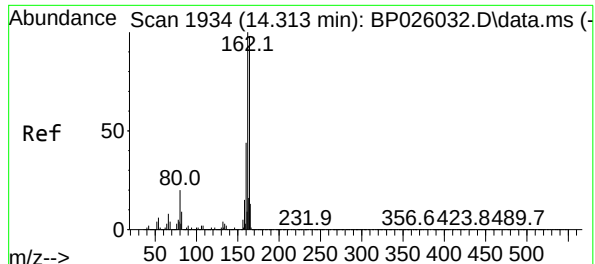
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 32.934 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:142 Resp: 1423665
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

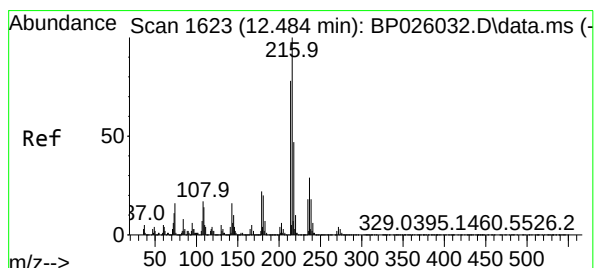
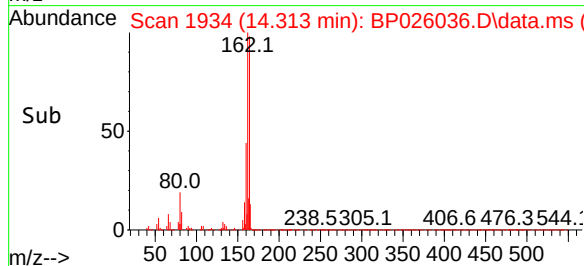
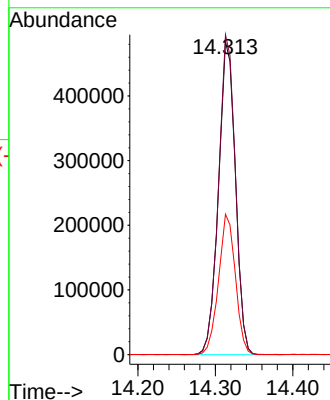
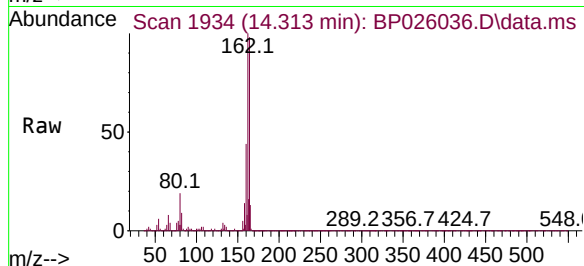
ICVBP102925

Tgt Ion:	164	Resp:	734180
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.5	122.3
160	44.8	36.2	54.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.481 ng

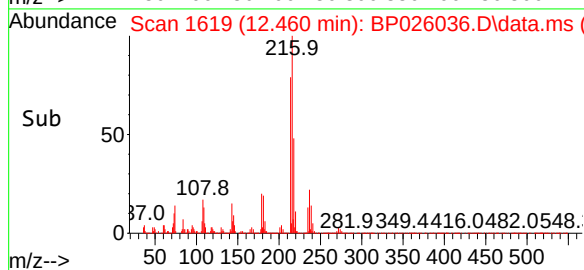
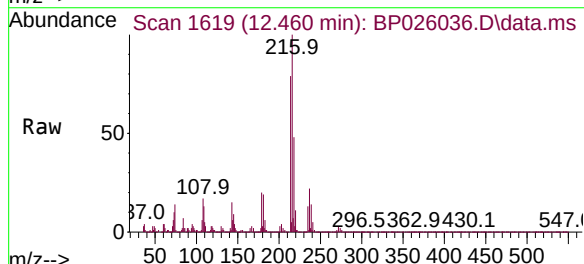
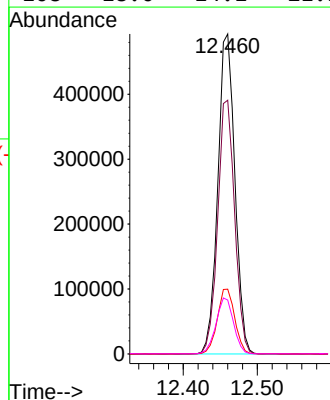
RT: 12.460 min Scan# 1619

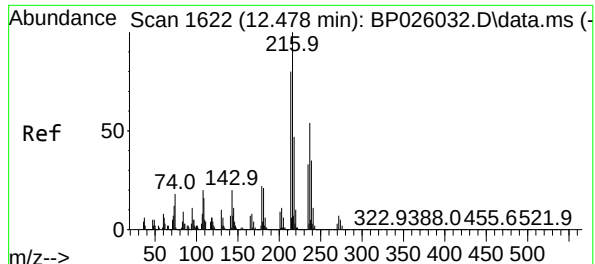
Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	216	Resp:	786568
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.9	94.3
179	20.7	16.9	25.3
108	18.0	14.1	21.1





#41

Hexachlorocyclopentadiene

Concen: 47.197 ng

RT: 12.448 min Scan# 1617

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

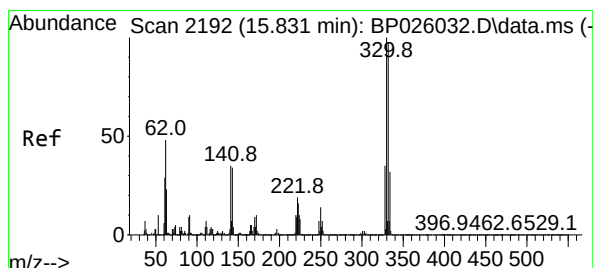
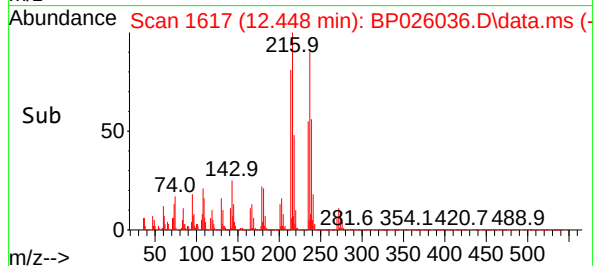
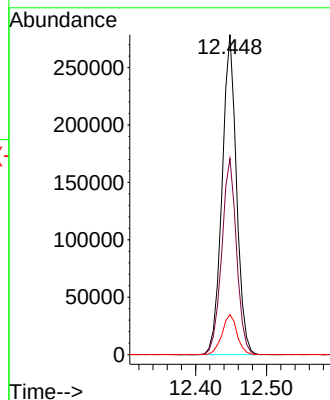
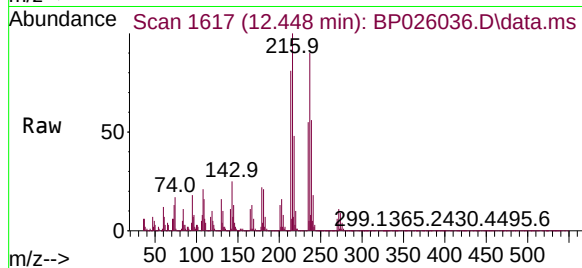
Tgt Ion:	237	Resp:	393924
Ion Ratio	Lower	Upper	
237	100		
235	61.3	40.4	80.4
272	12.5	0.0	32.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 72.809 ng

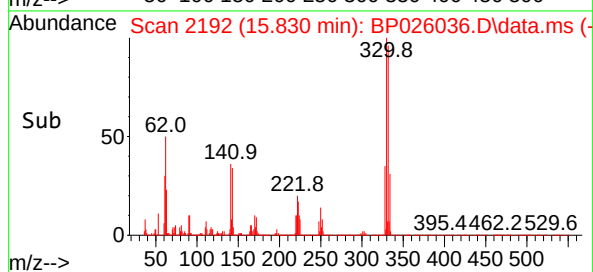
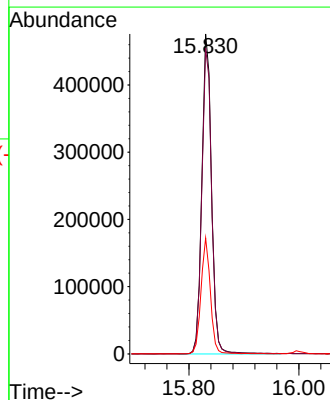
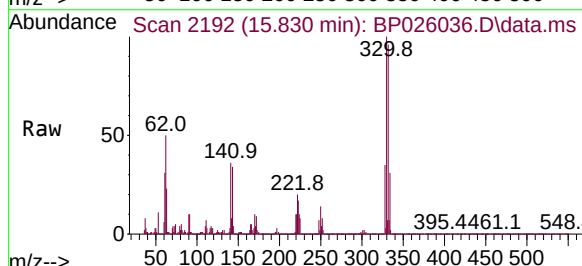
RT: 15.830 min Scan# 2192

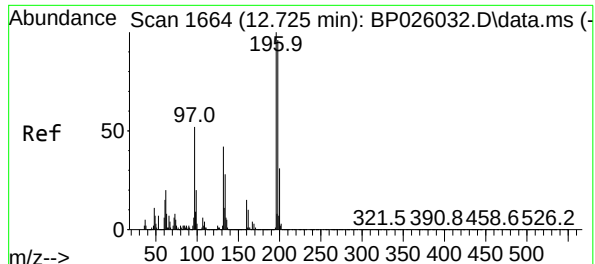
Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	330	Resp:	577899
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	35.1	28.6	42.8





#43

2,4,6-Trichlorophenol

Concen: 36.282 ng

RT: 12.701 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

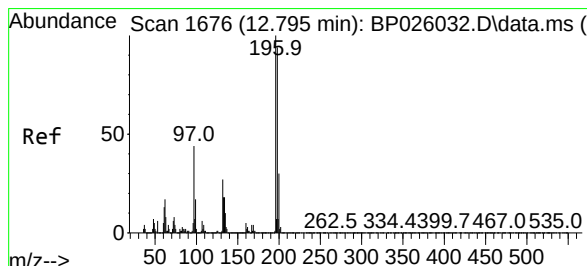
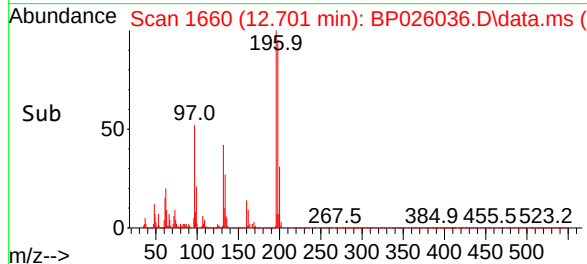
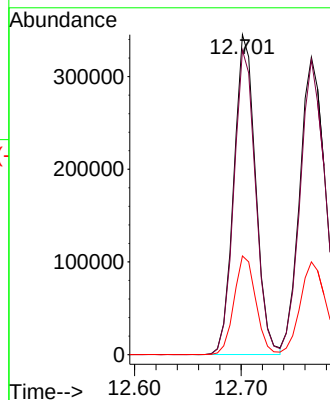
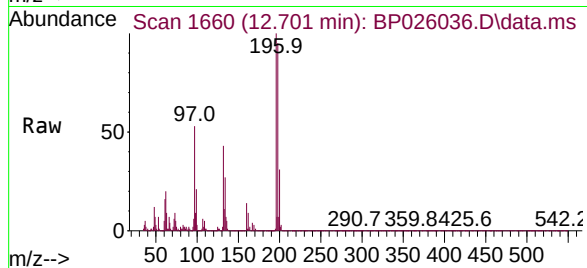
Tgt Ion:	196	Resp:	489212
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.5	114.7
200	30.8	24.4	36.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 35.326 ng

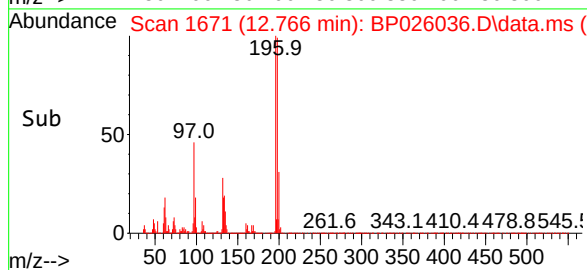
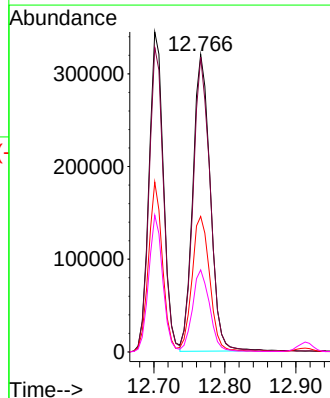
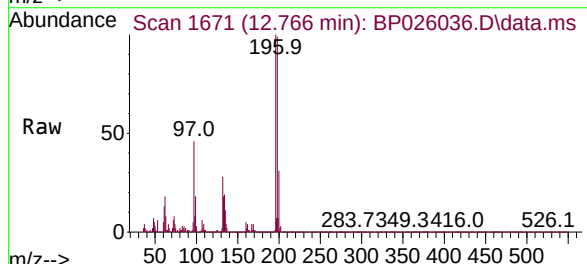
RT: 12.766 min Scan# 1671

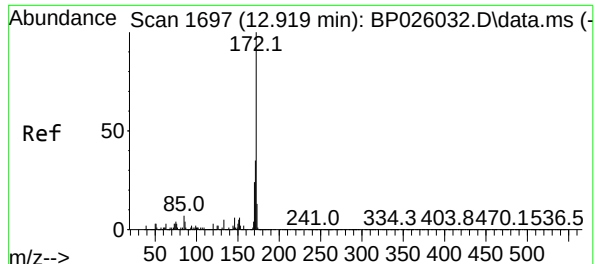
Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

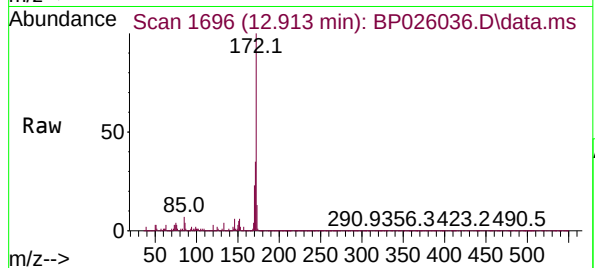
Tgt Ion:	196	Resp:	543516
Ion Ratio	Lower	Upper	
196	100		
198	99.1	75.1	112.7
97	45.5	35.5	53.3
132	27.6	21.6	32.4





#45
2-Fluorobiphenyl
Concen: 67.037 ng
RT: 12.913 min Scan# 1697
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

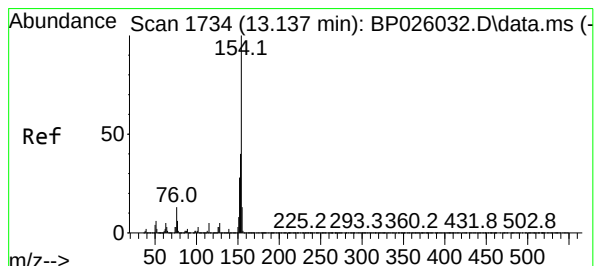
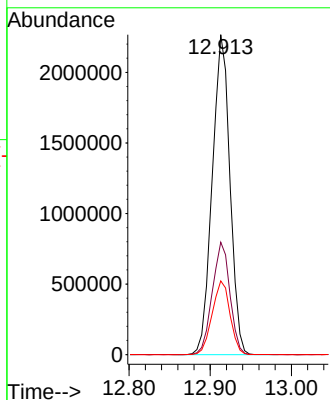
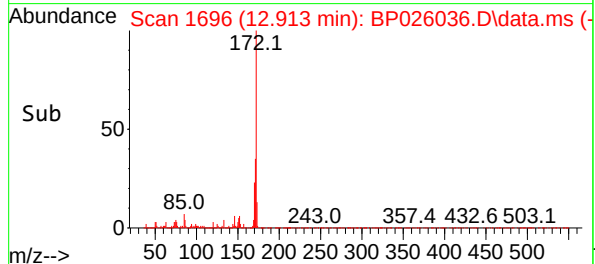
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:172 Resp: 342517
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.0 19.0 28.4

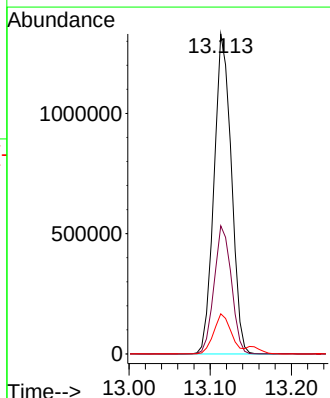
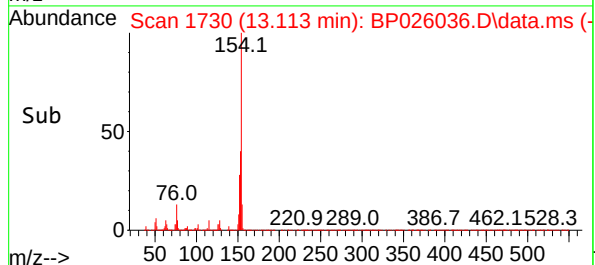
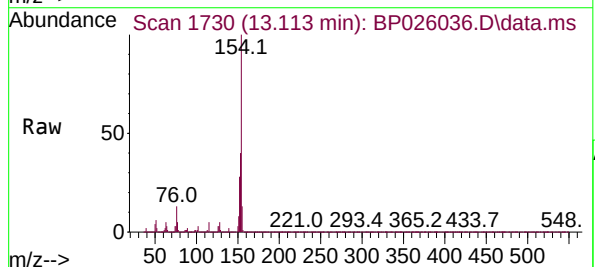
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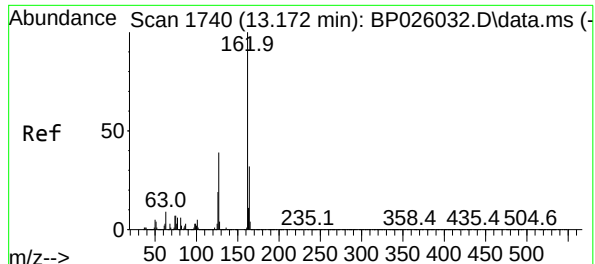
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#46
1,1'-Biphenyl
Concen: 35.073 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

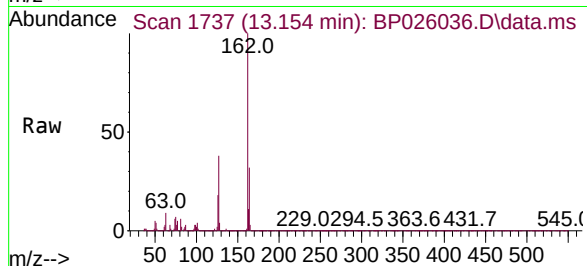
Tgt Ion:154 Resp: 1971667
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 33.277 ng
RT: 13.154 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

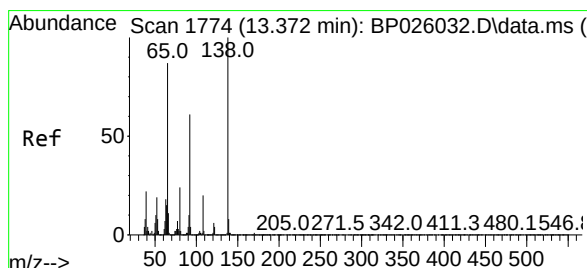
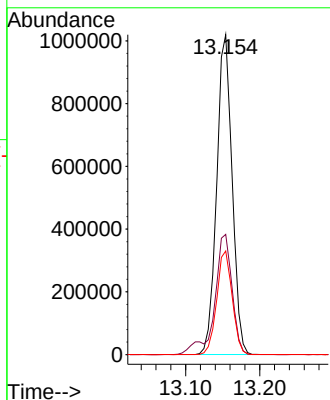
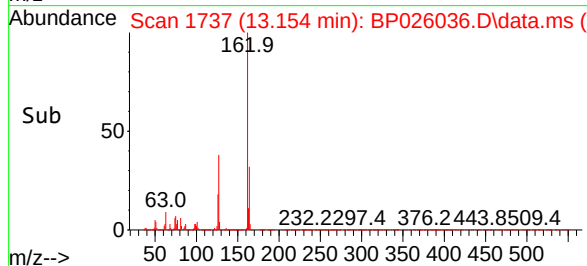
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



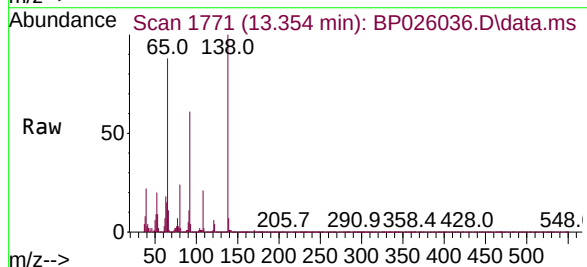
Tgt Ion:162 Resp: 1471874
Ion Ratio Lower Upper
162 100
127 37.6 31.4 47.2
164 32.4 25.9 38.9

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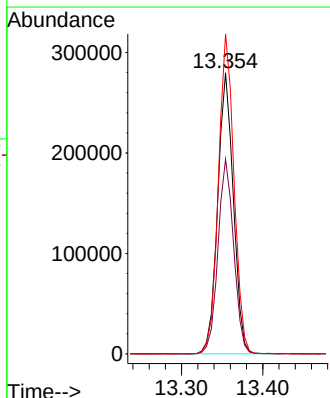
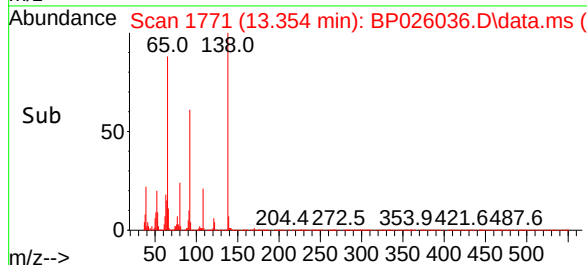
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

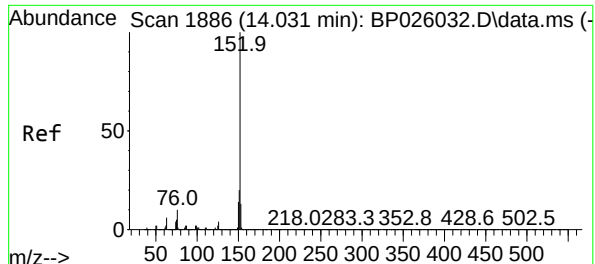


#48
2-Nitroaniline
Concen: 33.821 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



Tgt Ion: 65 Resp: 374554
Ion Ratio Lower Upper
65 100
92 69.2 55.5 83.3
138 113.8 91.7 137.5





#49

Acenaphthylene

Concen: 38.923 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:152 Resp: 2509218

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

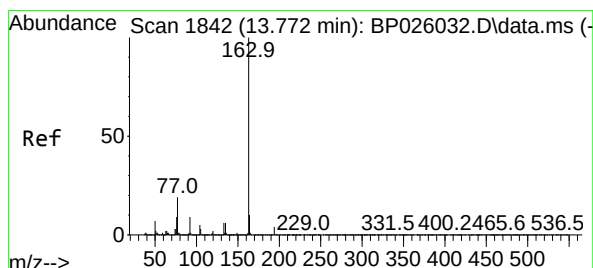
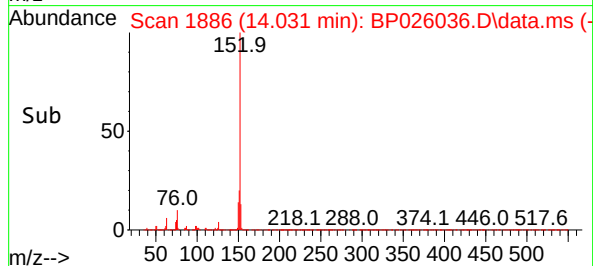
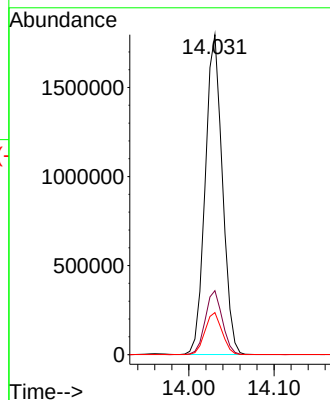
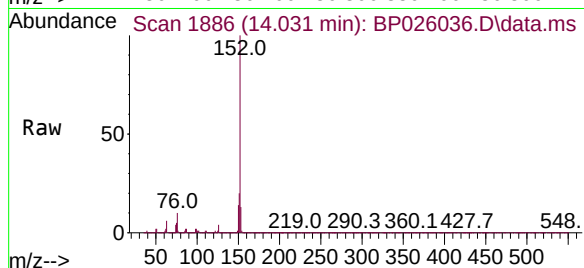
153 13.1 10.6 16.0

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 35.112 ng

RT: 13.760 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

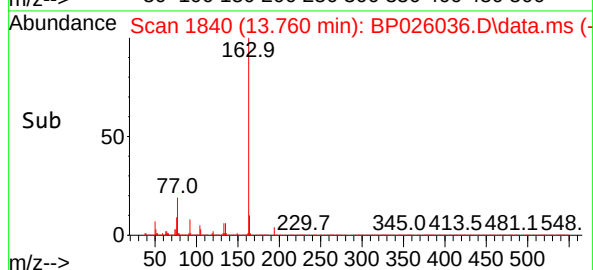
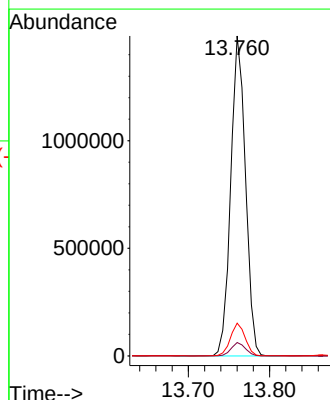
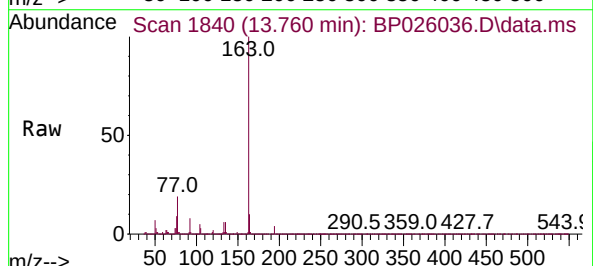
Tgt Ion:163 Resp: 1875076

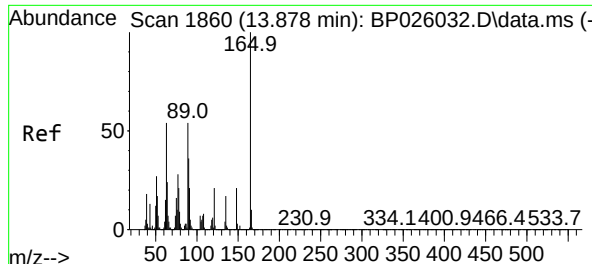
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.2 8.2 12.2





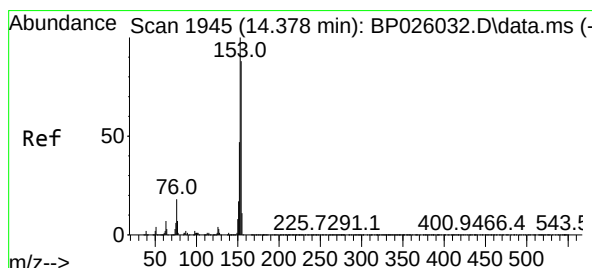
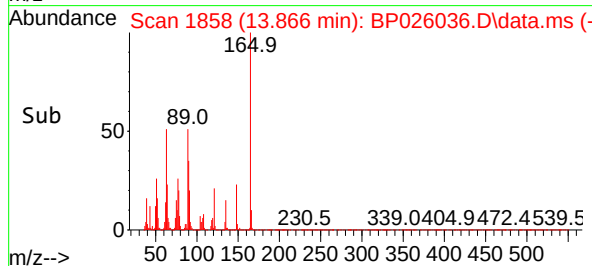
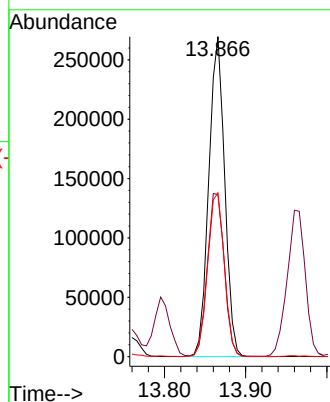
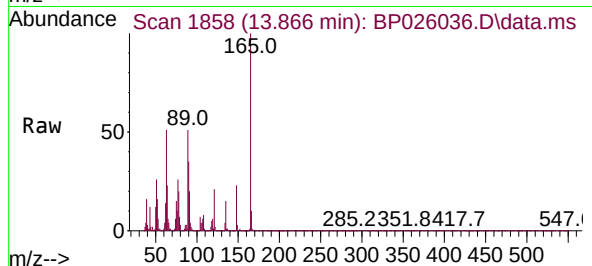
#51
2,6-Dinitrotoluene
Concen: 37.528 ng
RT: 13.866 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
Client Sample Id :
ICVBP102925

Tgt Ion:165 Resp: 36725
Ion Ratio Lower Upper
165 100
63 50.6 43.0 64.4
89 51.2 43.0 64.4

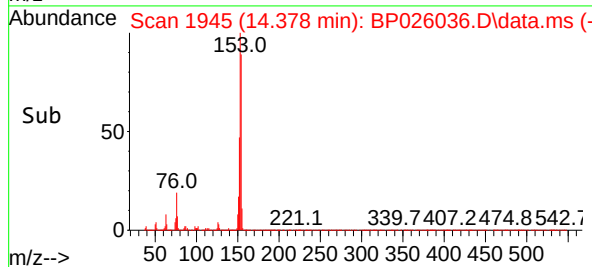
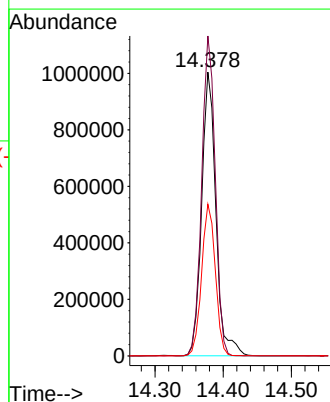
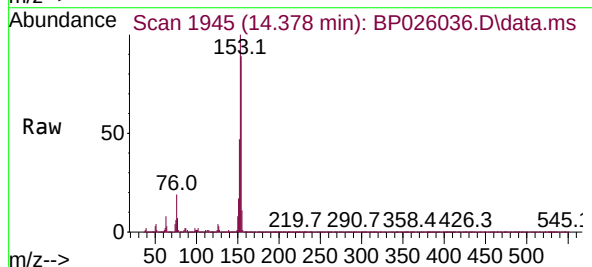
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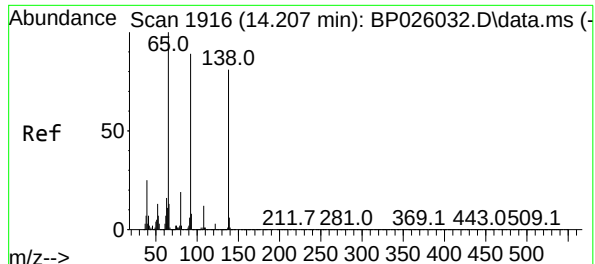
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 32.961 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:154 Resp: 1458746
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.4
152 53.4 42.7 64.1





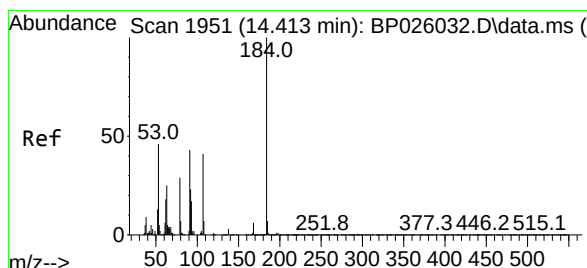
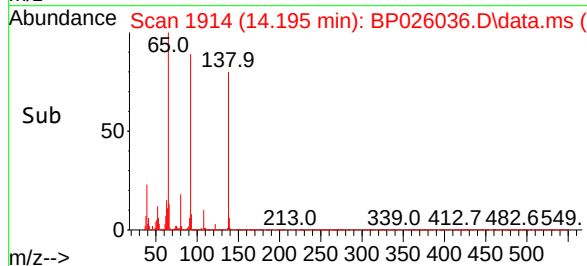
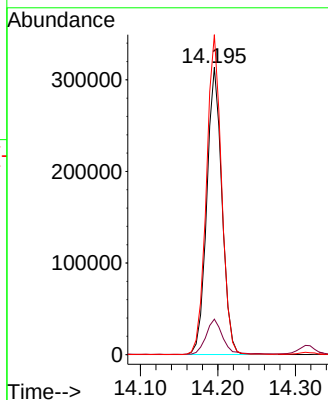
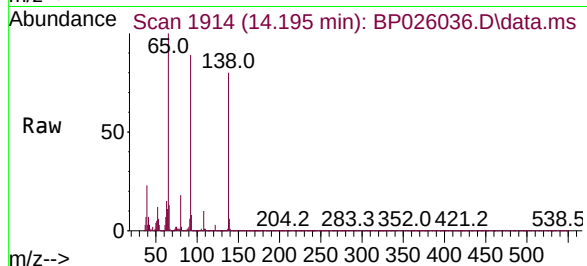
#53
3-Nitroaniline
Concen: 36.037 ng
RT: 14.195 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:138 Resp: 425192
Ion Ratio Lower Upper
138 100
108 12.3 11.4 17.0
92 111.4 87.1 130.7

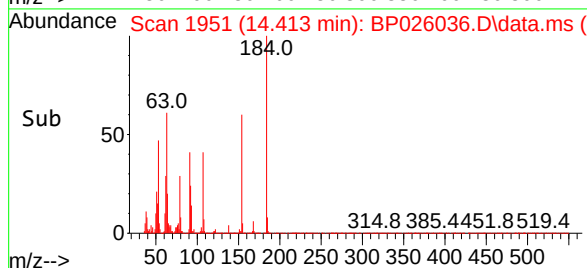
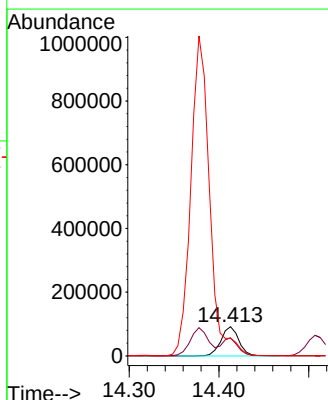
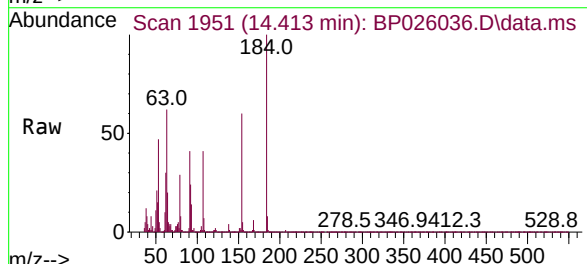
Manual Integrations
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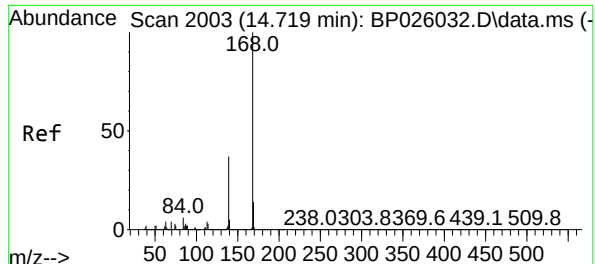
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 36.040 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:184 Resp: 126516
Ion Ratio Lower Upper
184 100
63 61.6 49.0 73.4
154 60.3 51.0 76.6





#55

Dibenzenofuran

Concen: 33.938 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:168 Resp: 2269310

Ion Ratio Lower Upper

168 100

139 36.5 29.7 44.5

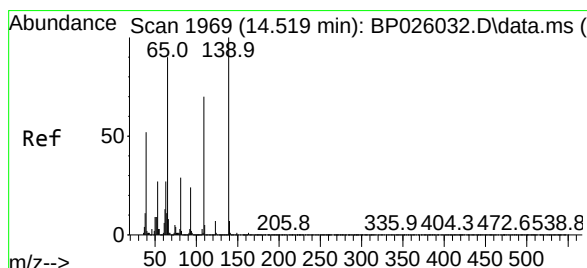
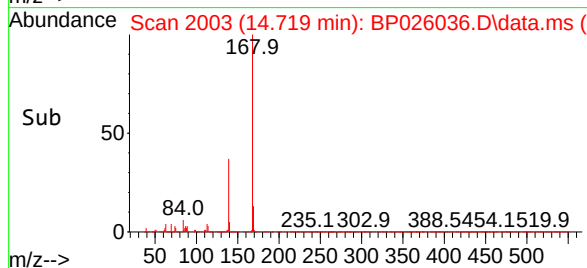
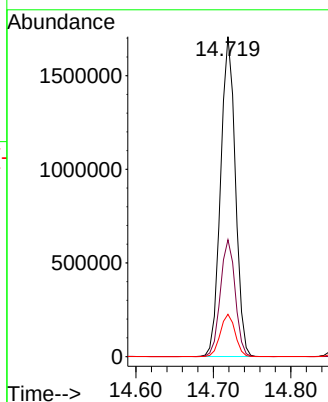
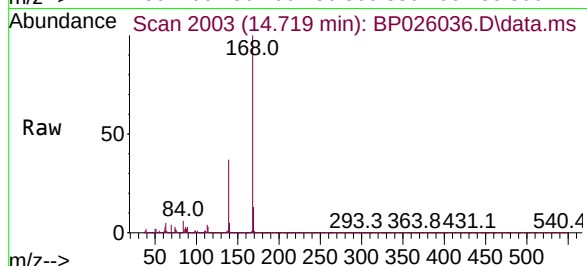
169 13.2 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 32.703 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

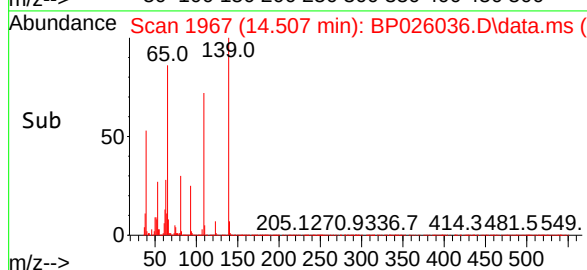
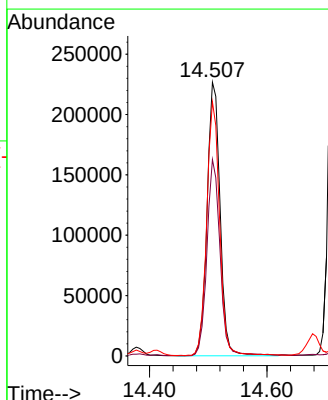
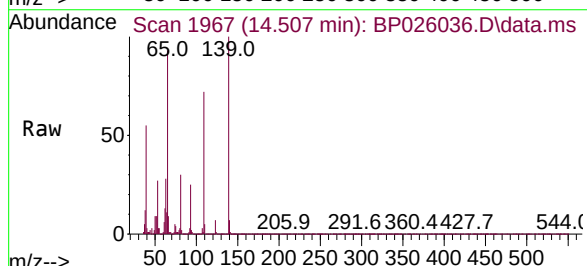
Tgt Ion:139 Resp: 348249

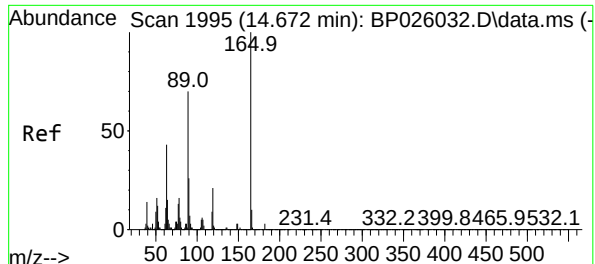
Ion Ratio Lower Upper

139 100

109 71.7 50.0 90.0

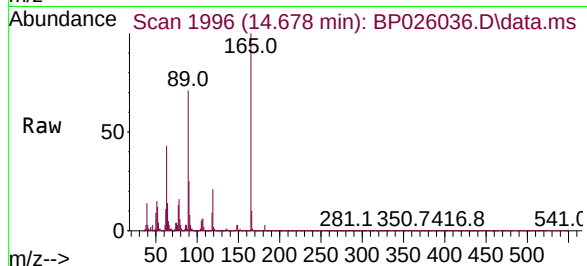
65 92.8 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 35.013 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

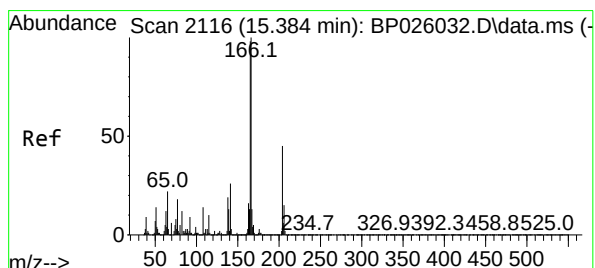
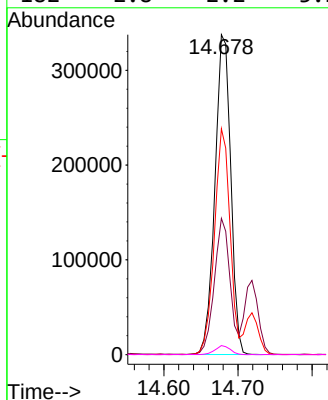
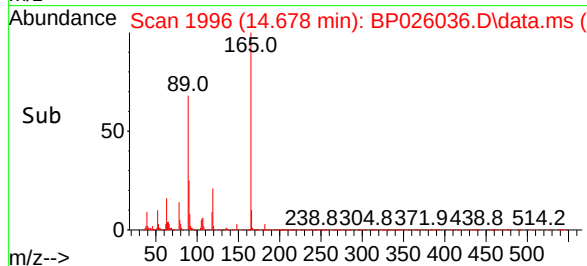
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:165 Resp: 499800
Ion Ratio Lower Upper
165 100
63 42.6 34.2 51.2
89 70.6 56.0 84.0
182 2.8 2.2 3.2

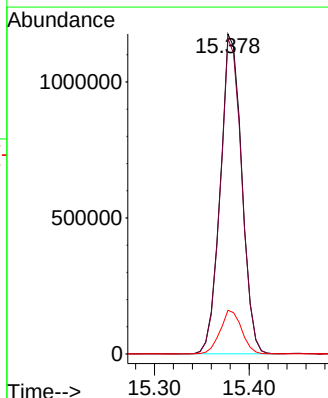
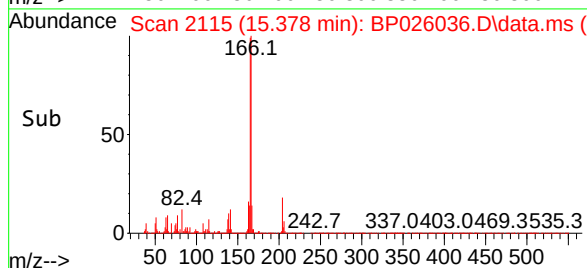
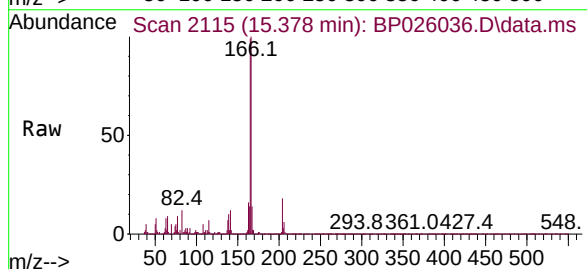
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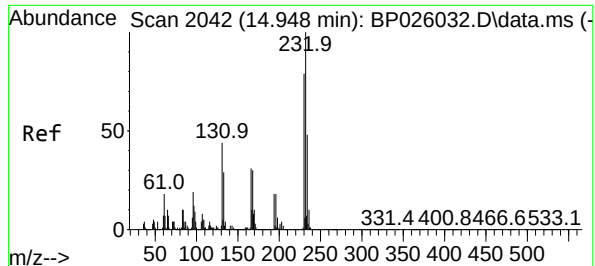
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 35.342 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:166 Resp: 1851395
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.197 ng

RT: 14.942 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:232 Resp: 474164

Ion Ratio Lower Upper

232 100

131 45.1 35.2 52.8

130 2.3 1.7 2.5

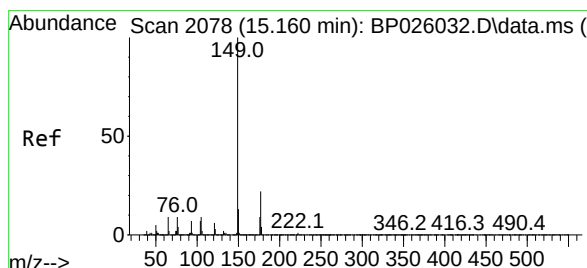
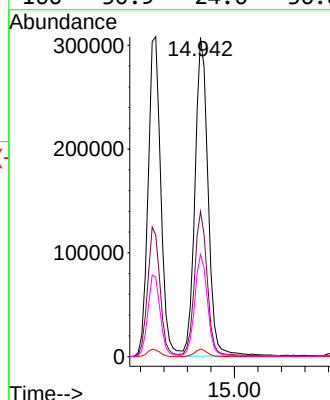
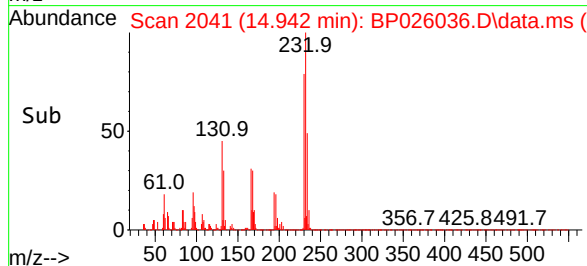
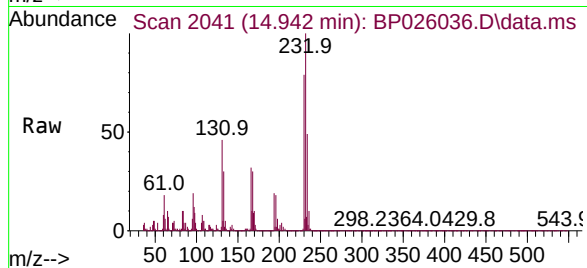
166 30.9 24.6 36.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#60

Diethylphthalate

Concen: 35.015 ng

RT: 15.166 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

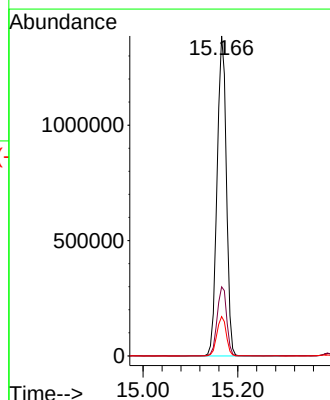
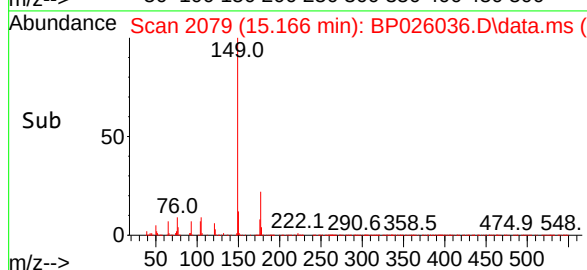
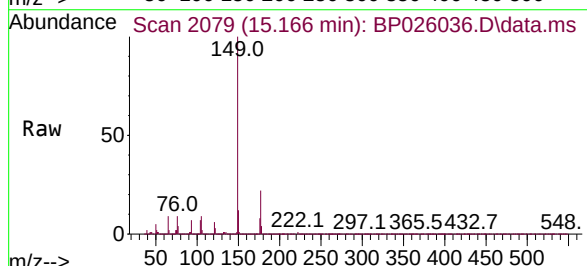
Tgt Ion:149 Resp: 1879900

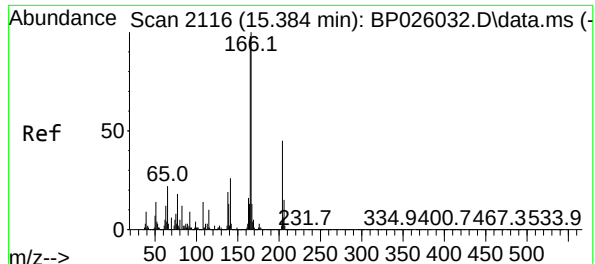
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

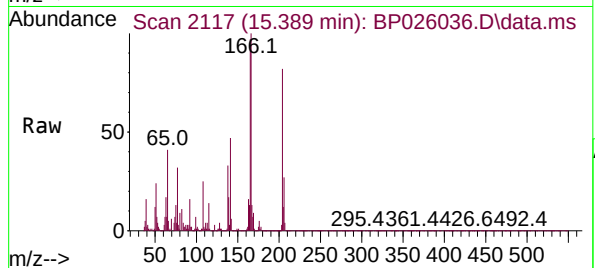
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 33.928 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

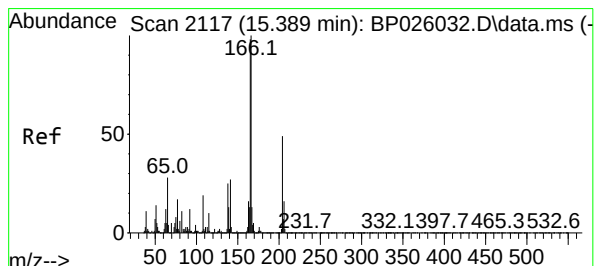
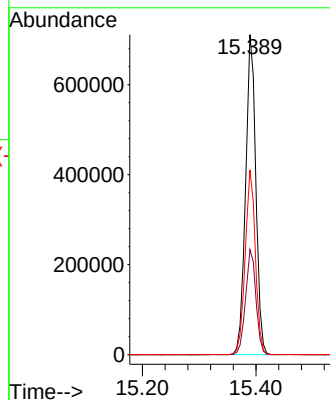
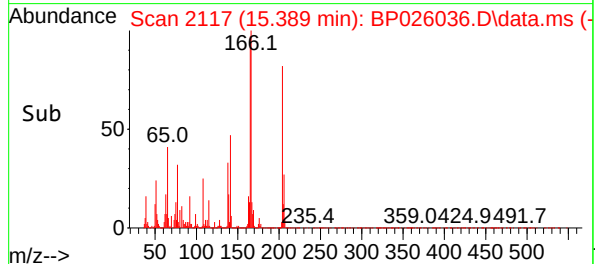
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:204 Resp: 887559
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 57.7 47.0 70.4

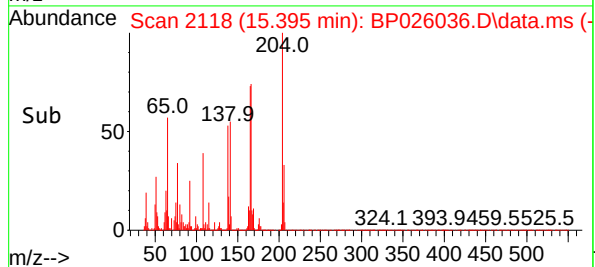
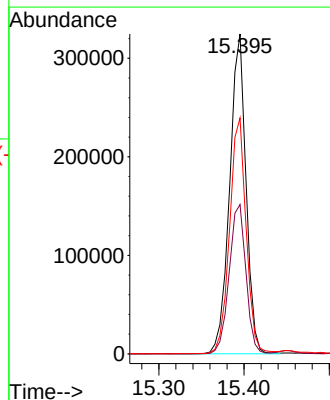
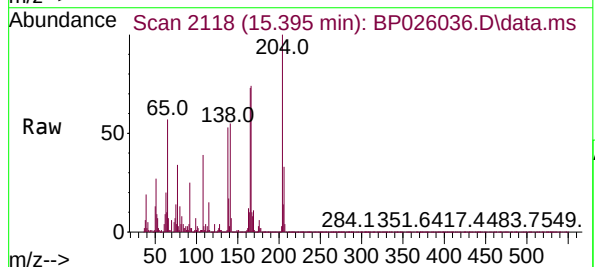
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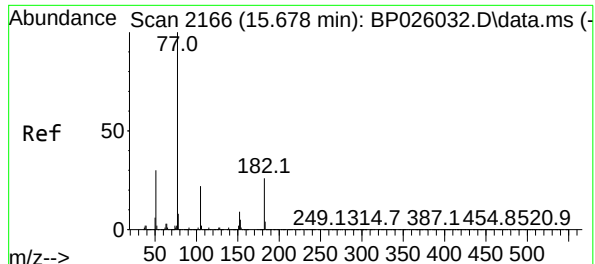
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 37.891 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

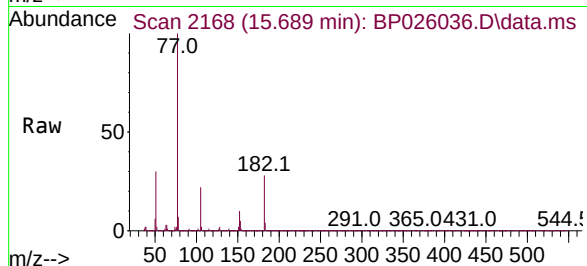
Tgt Ion:138 Resp: 432391
Ion Ratio Lower Upper
138 100
92 46.7 28.2 68.2
108 73.7 56.0 96.0





#63
Azobenzene
Concen: 35.051 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

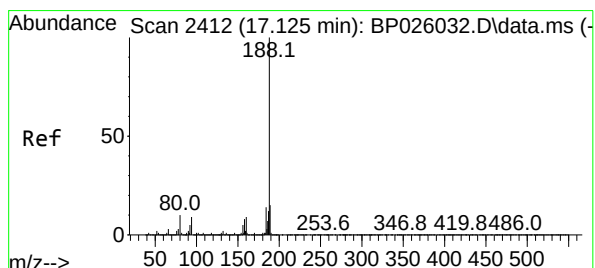
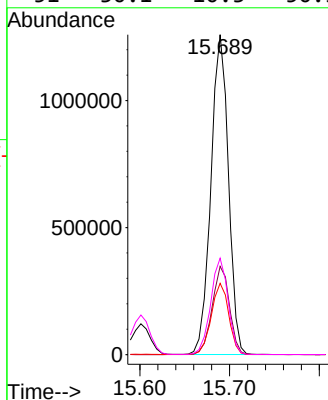
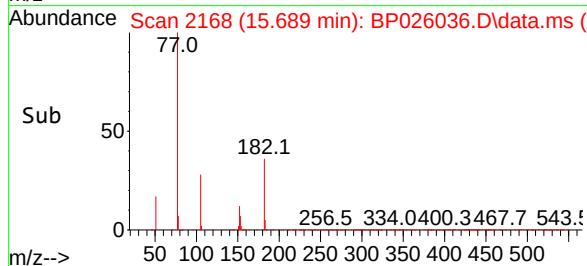
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 77 Resp: 1705483
Ion Ratio Lower Upper
77 100
182 27.6 6.4 46.4
105 22.3 2.2 42.2
51 30.1 10.3 50.3

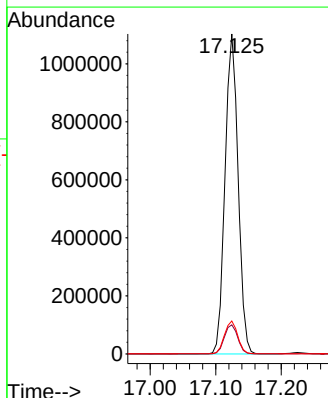
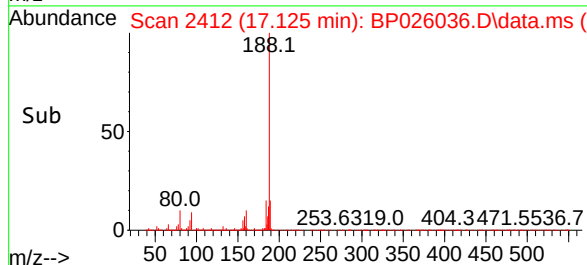
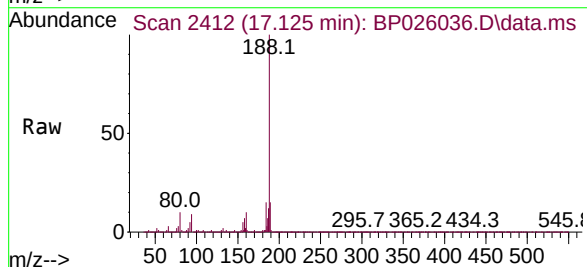
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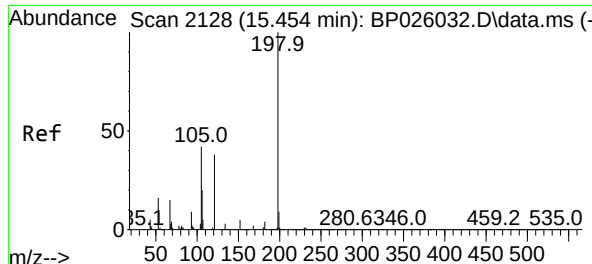
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

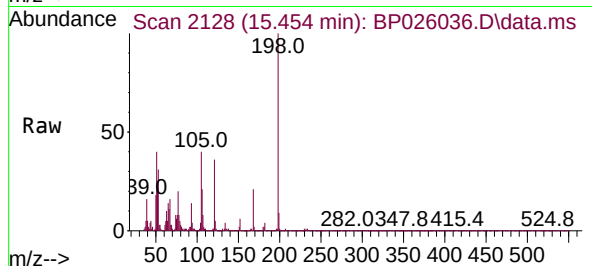
Tgt Ion:188 Resp: 1529844
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 35.409 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

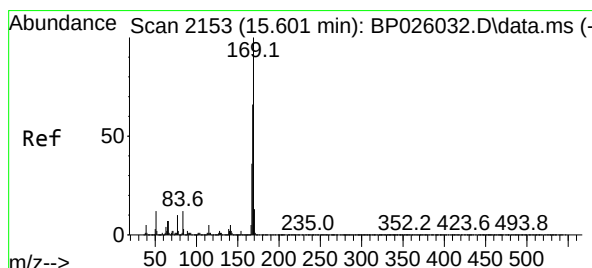
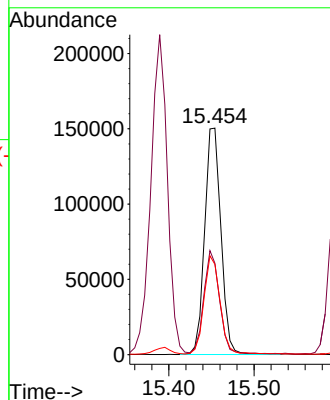
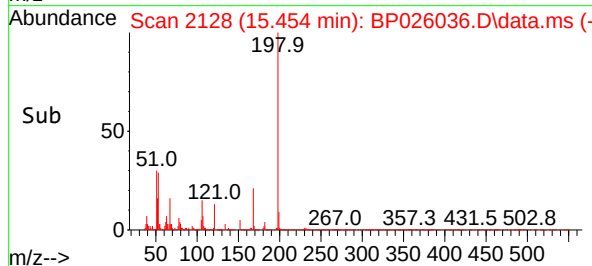
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:198 Resp: 200079
Ion Ratio Lower Upper
198 100
51 40.3 25.2 65.2
105 39.8 23.7 63.7

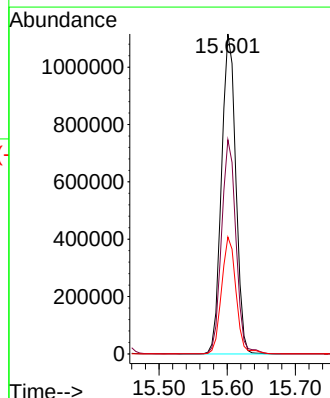
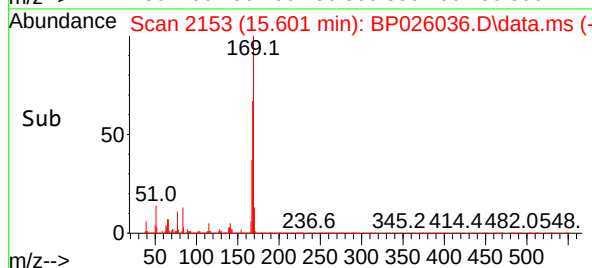
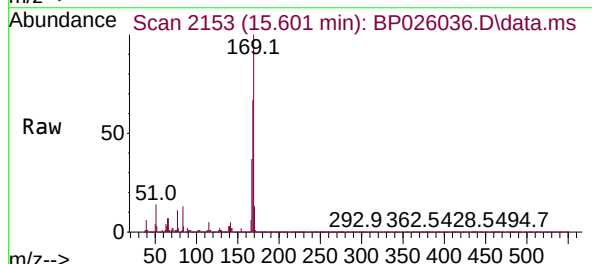
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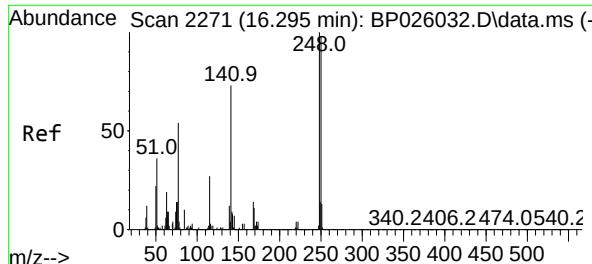
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 33.661 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:169 Resp: 1610105
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 28.9 43.3





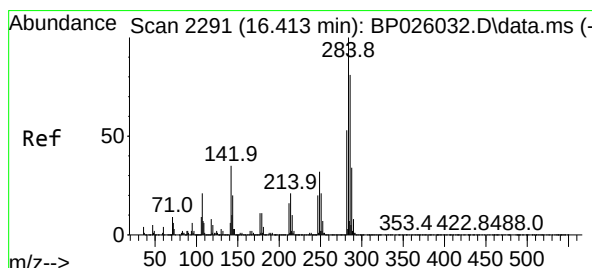
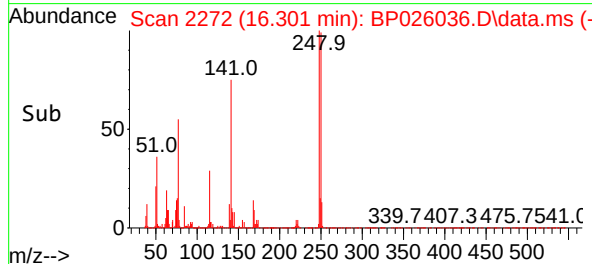
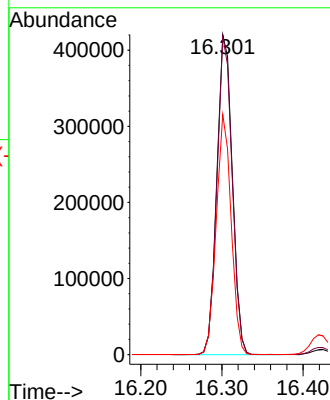
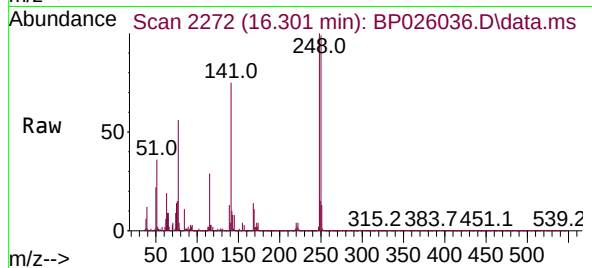
#67
4-Bromophenyl-phenylether
Concen: 32.800 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:248 Resp: 55662
Ion Ratio Lower Upper
248 100
250 99.4 78.4 117.6
141 75.0 58.3 87.5

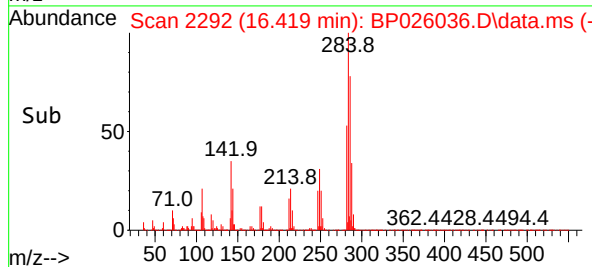
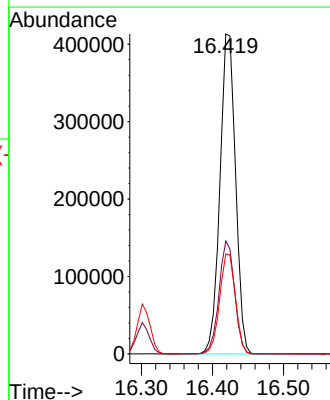
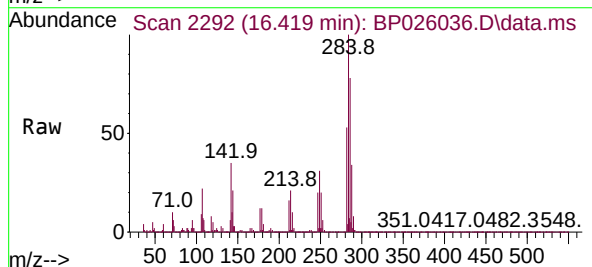
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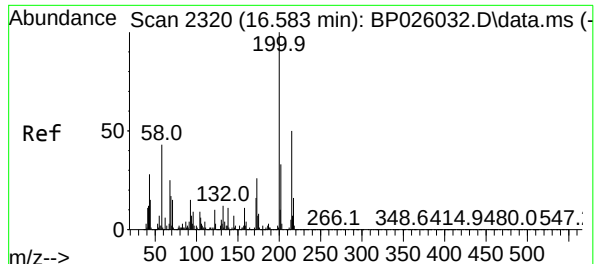
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 32.804 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:284 Resp: 633716
Ion Ratio Lower Upper
284 100
142 35.3 27.7 41.5
249 31.2 25.5 38.3





#69

Atrazine

Concen: 37.108 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

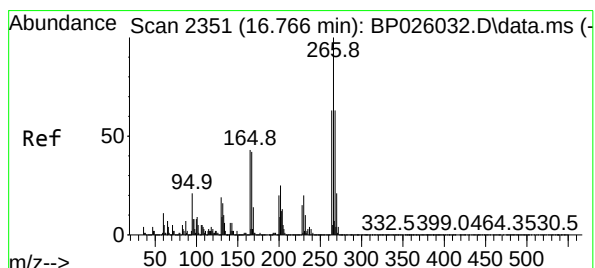
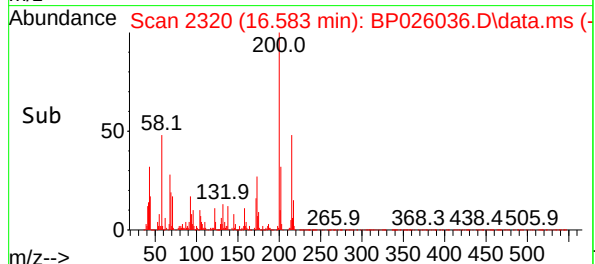
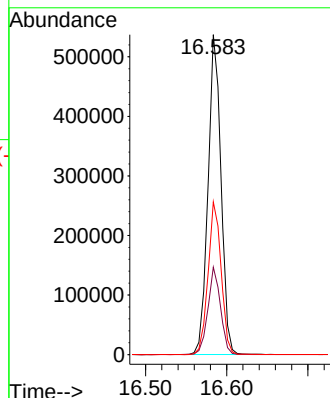
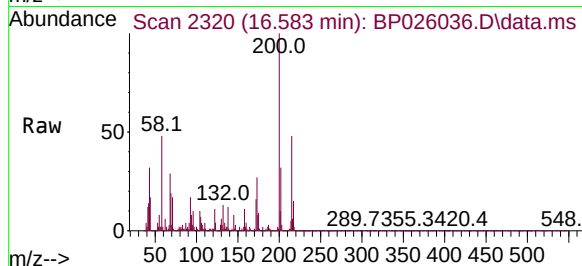
ICVBP102925

Tgt Ion	200	Resp	598775
Ion Ratio	Lower	Upper	
200	100		
173	27.3	6.2	46.2
215	47.7	29.8	69.8

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 33.716 ng

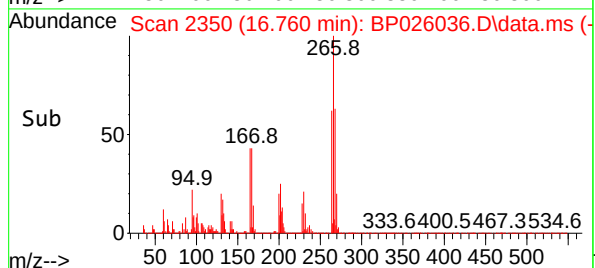
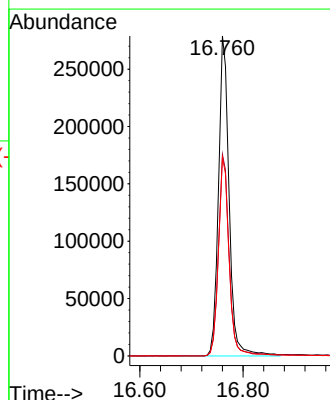
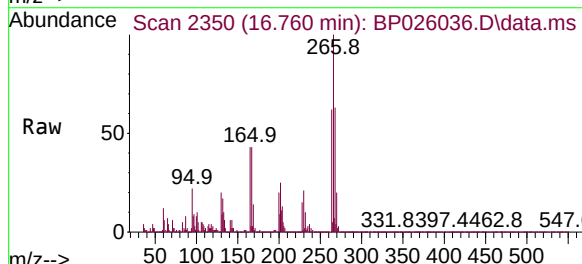
RT: 16.760 min Scan# 2350

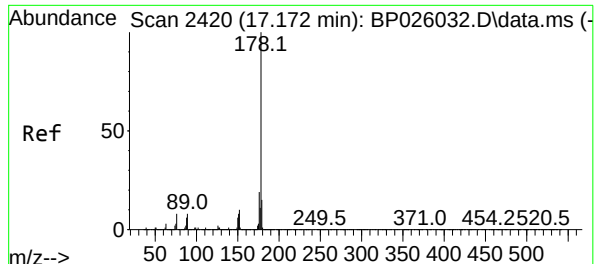
Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion	266	Resp	397848
Ion Ratio	Lower	Upper	
266	100		
268	63.0	50.6	76.0
264	62.1	50.2	75.4





#71

Phenanthrene

Concen: 32.726 ng

RT: 17.166 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:178 Resp: 2914044

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

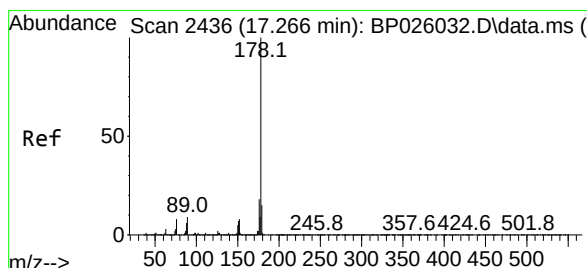
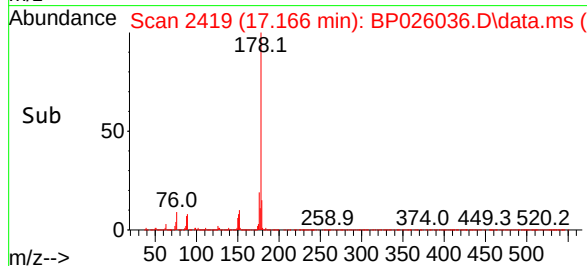
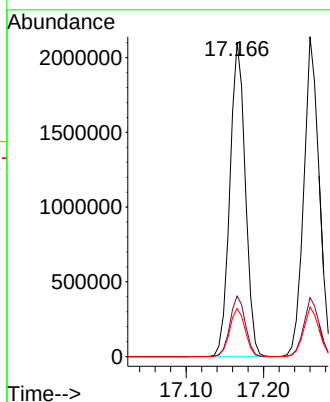
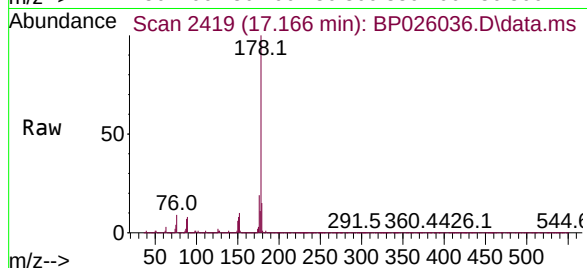
179 15.3 12.3 18.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#72

Anthracene

Concen: 33.409 ng

RT: 17.260 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

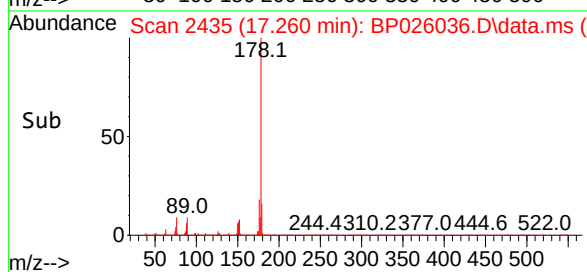
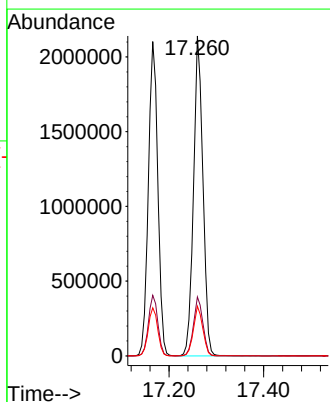
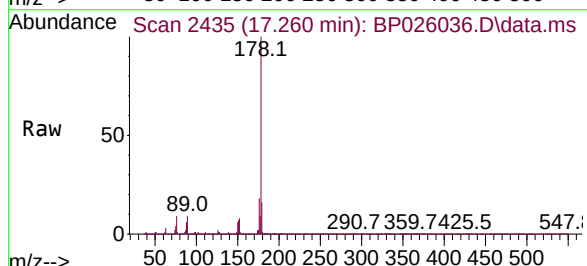
Tgt Ion:178 Resp: 2948850

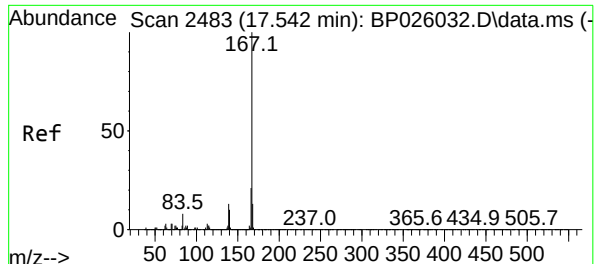
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

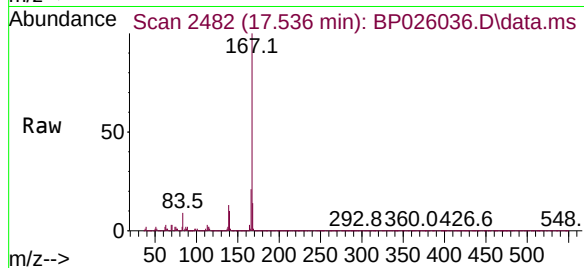
179 15.5 12.2 18.4





#73
Carbazole
Concen: 33.421 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

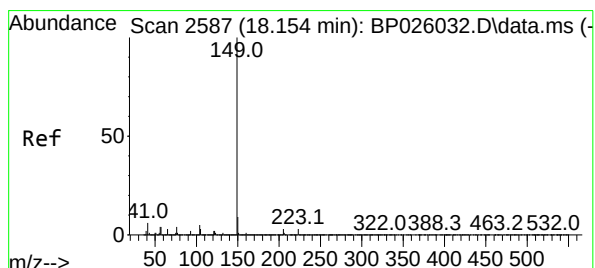
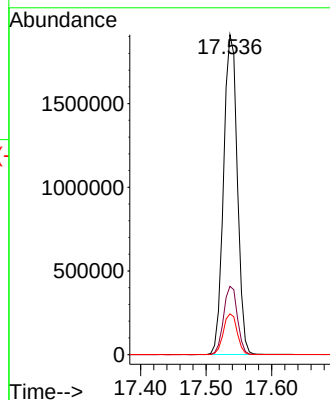
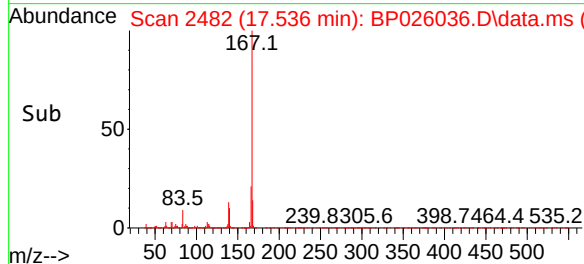
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:167 Resp: 2792407
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.7 10.2 15.2

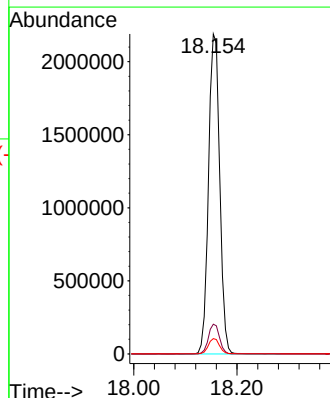
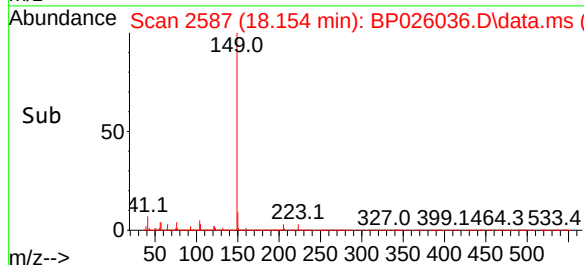
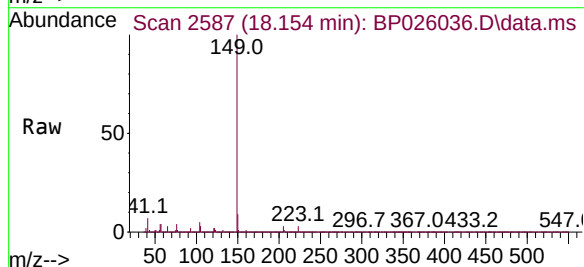
Manual Integrations
APPROVED

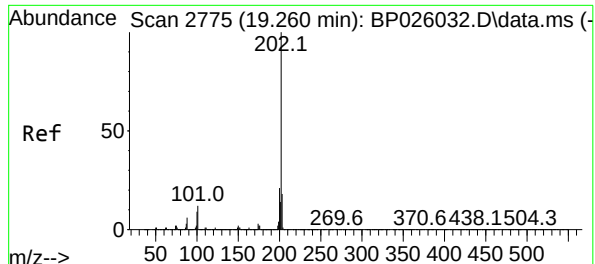
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 35.126 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

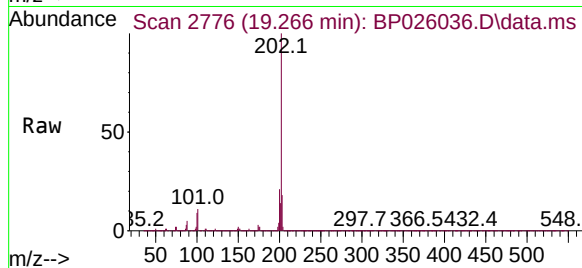
Tgt Ion:149 Resp: 3284045
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 33.126 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

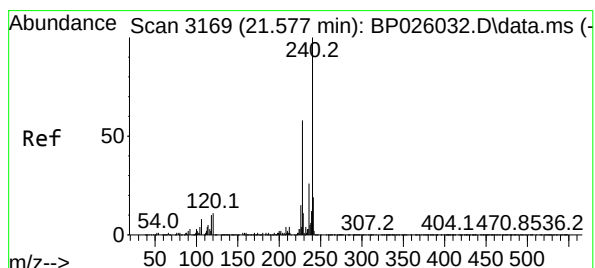
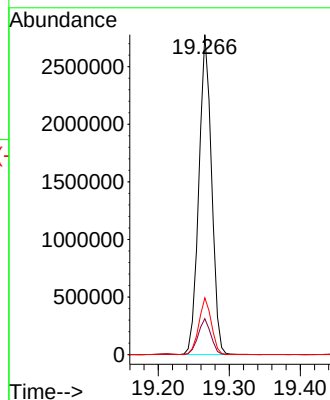
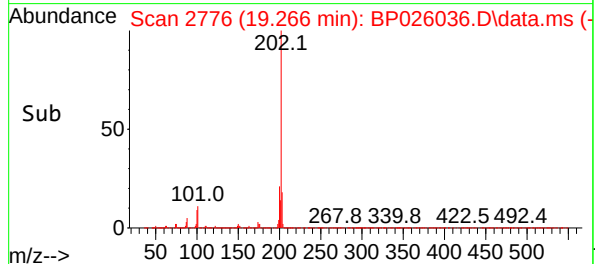
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:202 Resp: 3440878
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.1
203 17.7 0.0 37.6

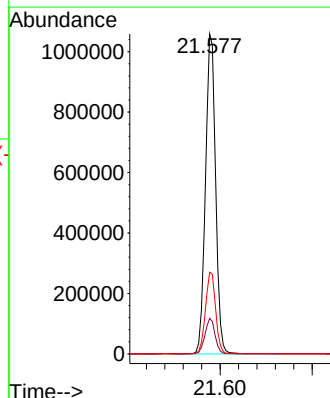
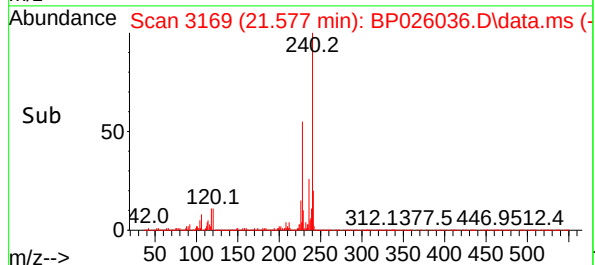
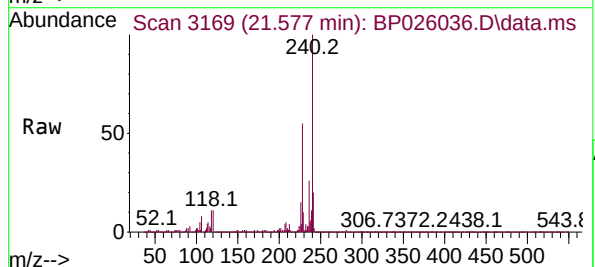
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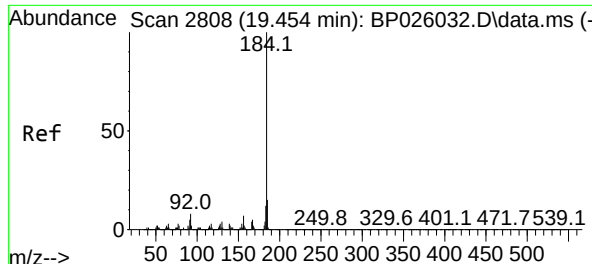
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:240 Resp: 1603754
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.5 20.6 31.0





#77

Benzidine

Concen: 48.151 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:184 Resp: 1960099

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

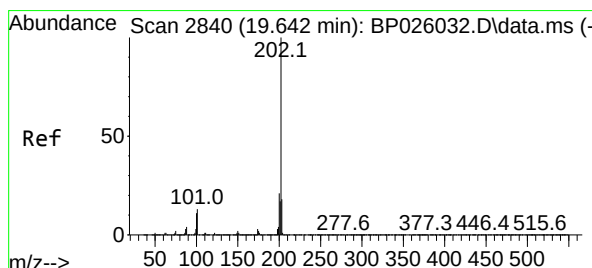
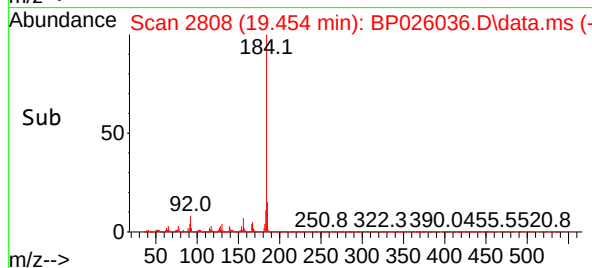
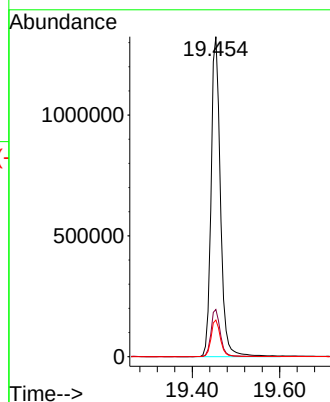
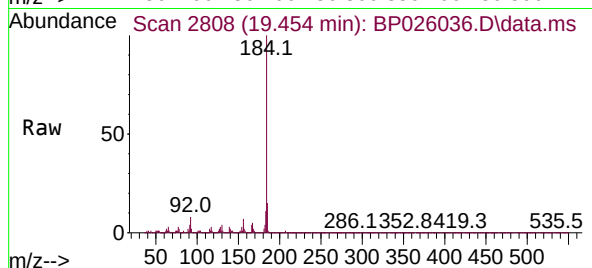
183 11.4 9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#78

Pyrene

Concen: 32.912 ng

RT: 19.642 min Scan# 2840

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

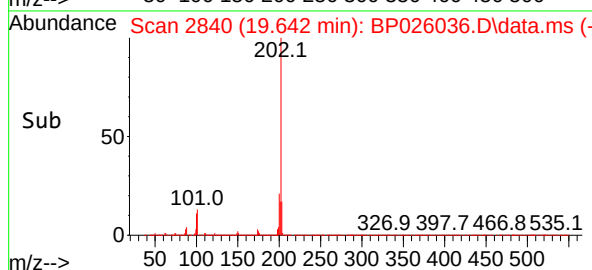
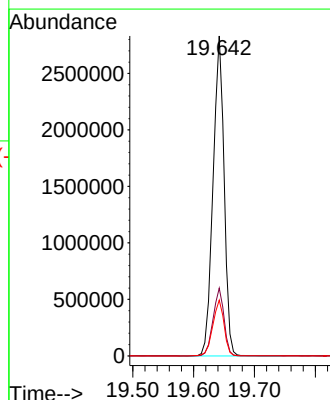
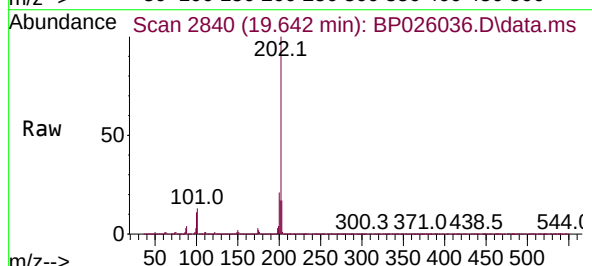
Tgt Ion:202 Resp: 3569948

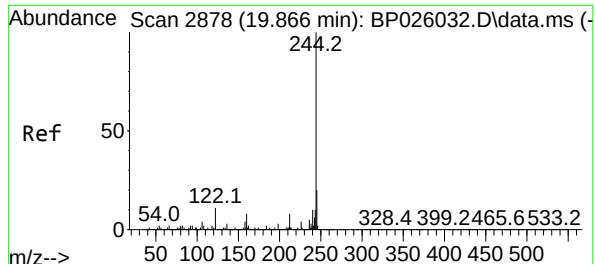
Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 67.515 ng

RT: 19.871 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:244 Resp: 5329468

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

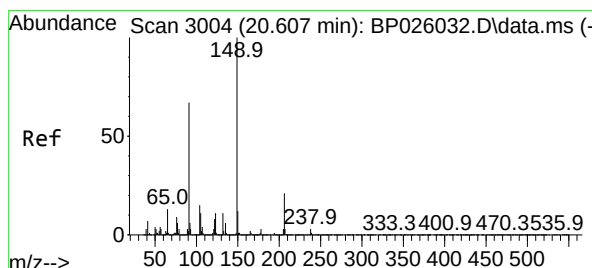
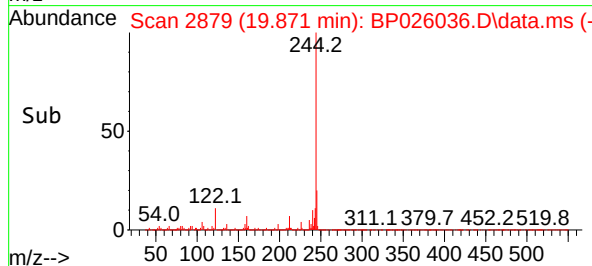
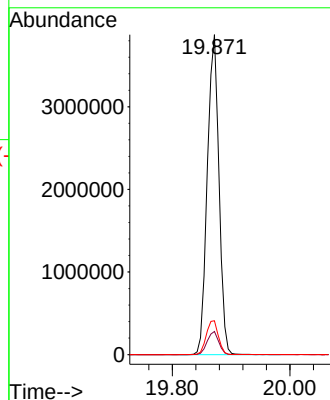
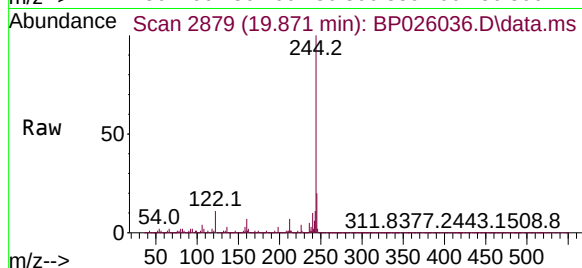
122 10.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#80

Butylbenzylphthalate

Concen: 33.630 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

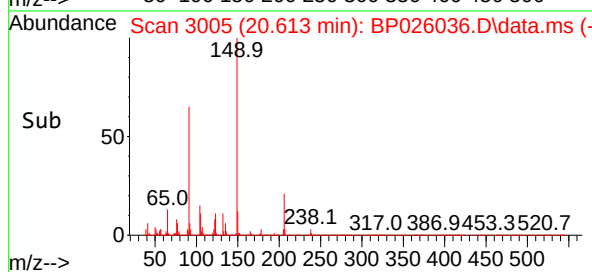
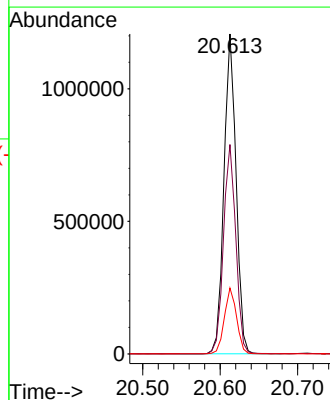
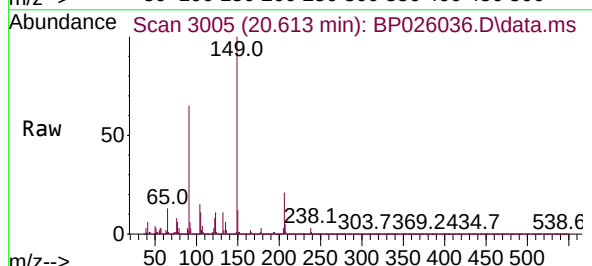
Tgt Ion:149 Resp: 1317625

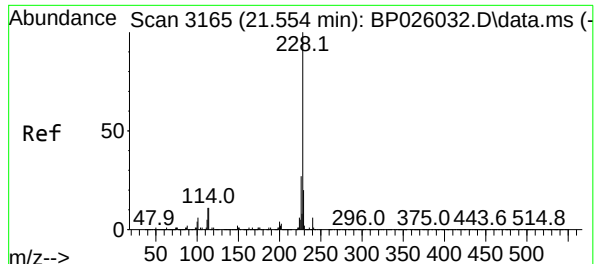
Ion Ratio Lower Upper

149 100

91 65.4 53.5 80.3

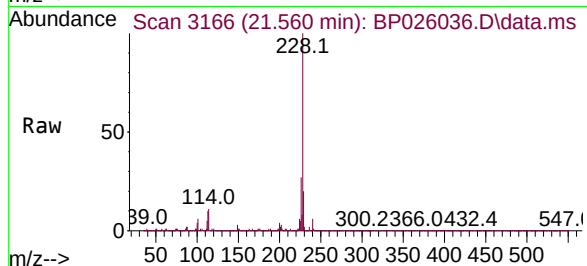
206 20.6 16.6 25.0





#81
Benzo(a)anthracene
Concen: 33.052 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

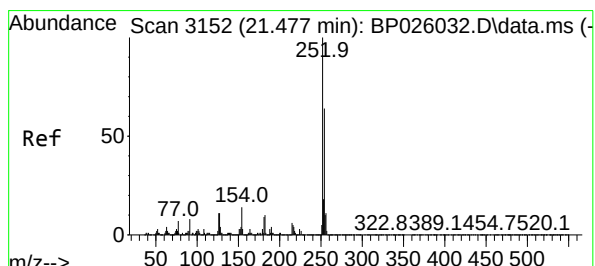
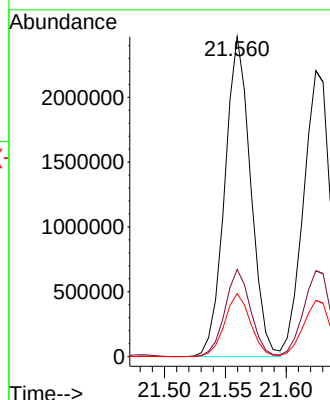
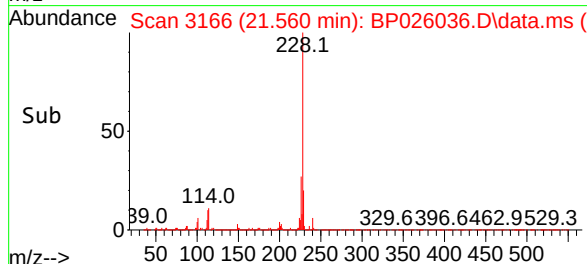
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:228 Resp: 3642485
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.8 23.8

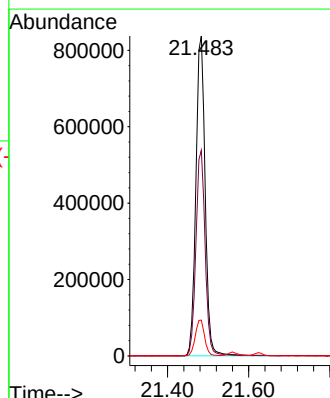
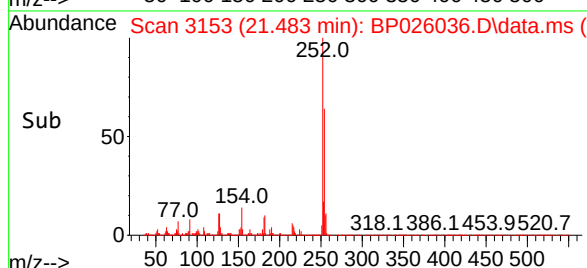
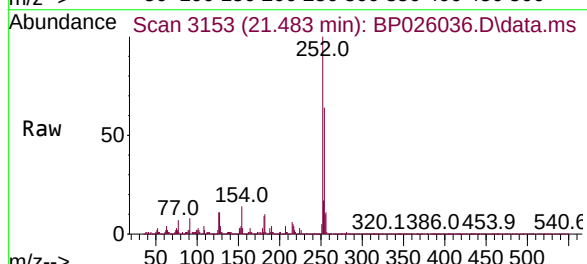
Manual Integrations
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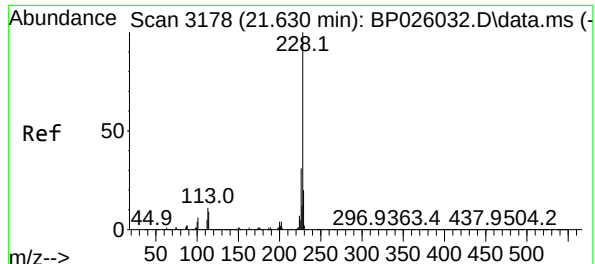
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 37.253 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:252 Resp: 1322765
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 11.2 9.1 13.7





#83

Chrysene

Concen: 32.526 ng

RT: 21.624 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:228 Resp: 3395520

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

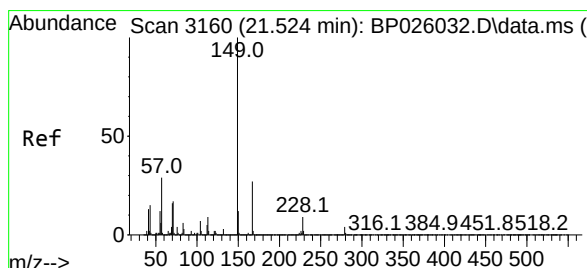
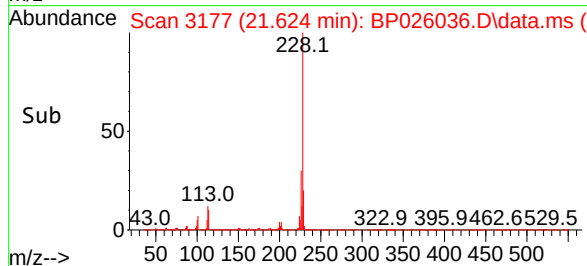
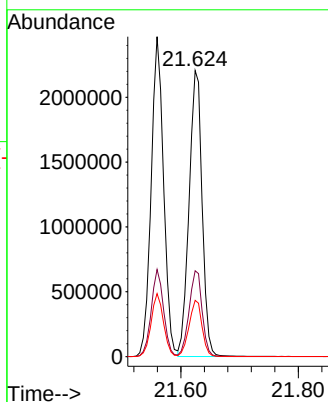
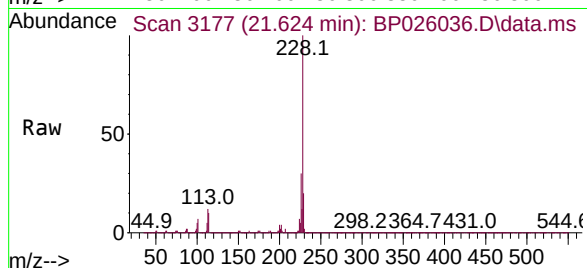
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.750 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

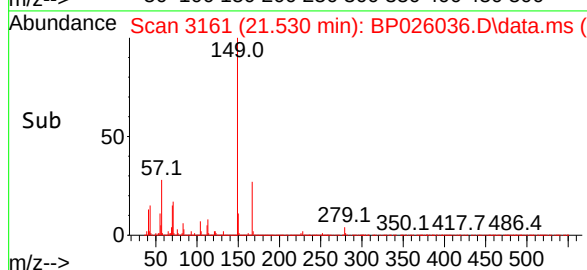
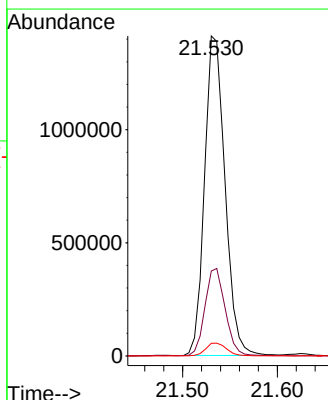
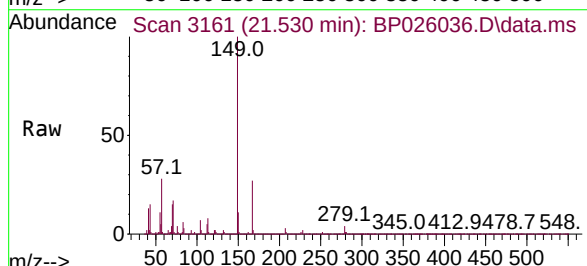
Tgt Ion:149 Resp: 2128720

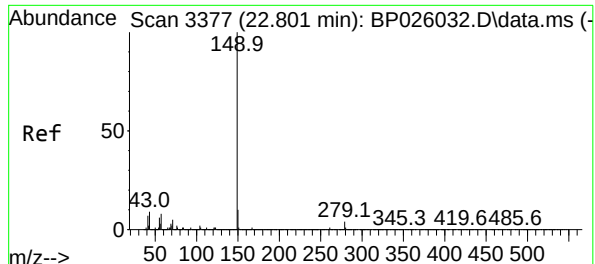
Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

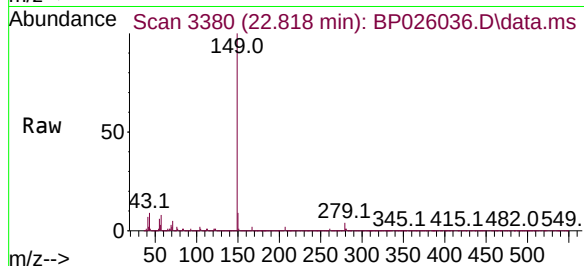
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 33.668 ng
RT: 22.818 min Scan# 3377
Delta R.T. 0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

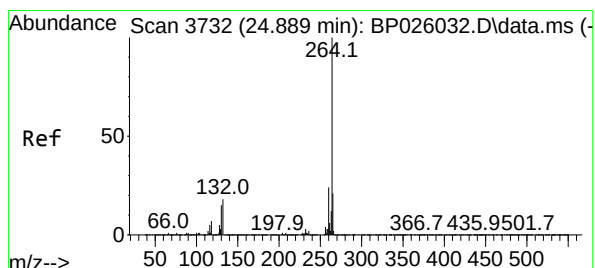
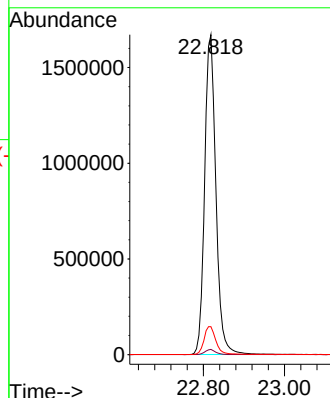
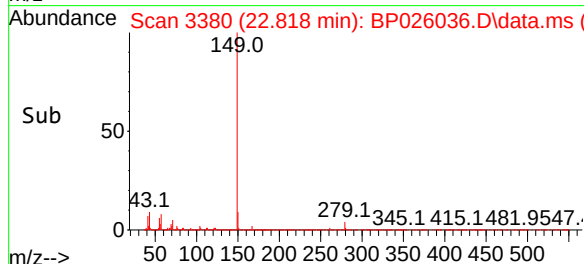
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:149 Resp: 3214231
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.6 11.4

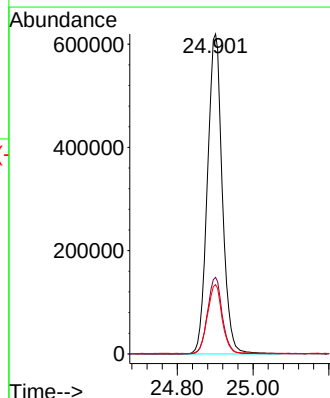
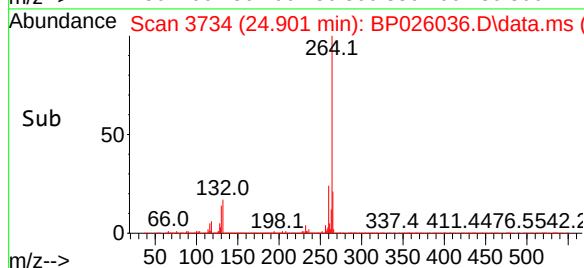
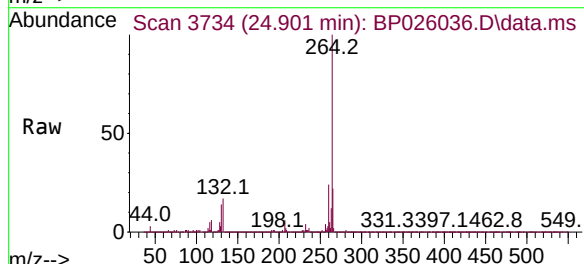
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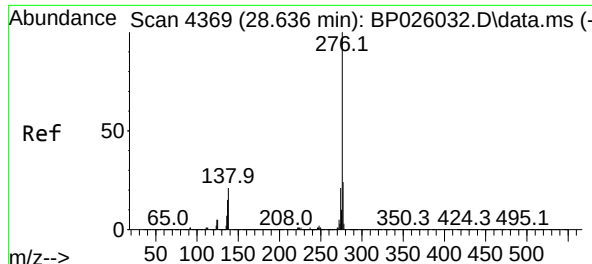
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:264 Resp: 1688986
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.6 17.2 25.8





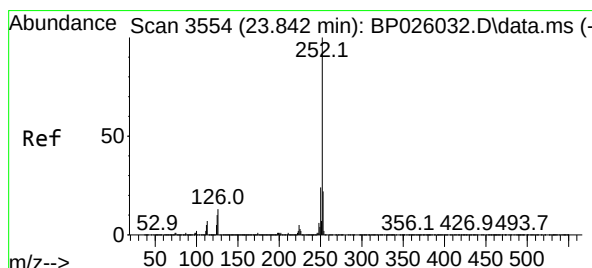
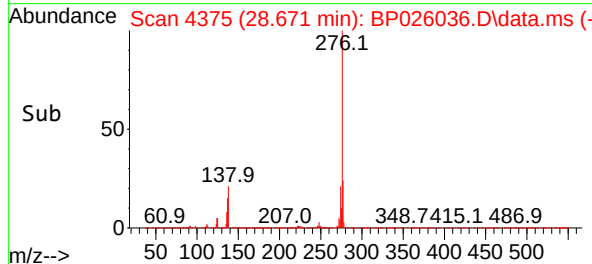
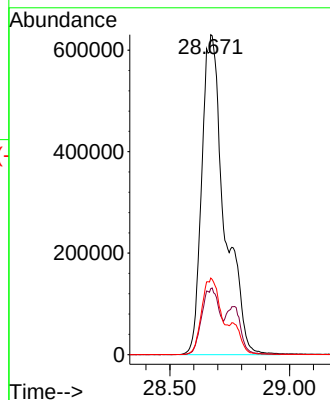
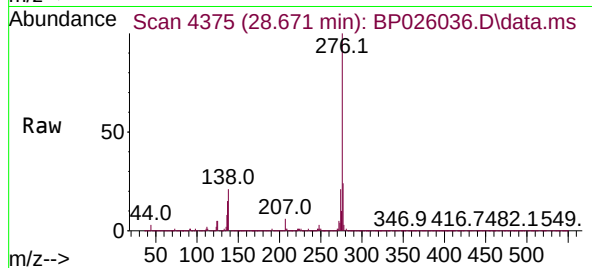
#87
Indeno(1,2,3-cd)pyrene
Concen: 33.295 ng m
RT: 28.671 min Scan# 4369
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 276 Resp: 4151592
Ion Ratio Lower Upper
276 100
138 16.3 13.2 19.8
277 20.5 16.3 24.5

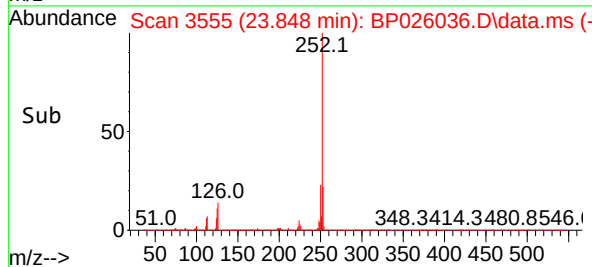
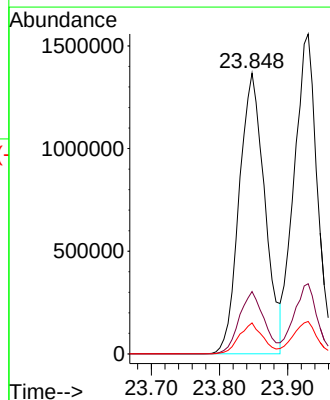
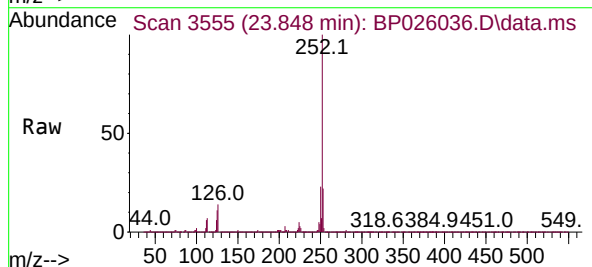
Manual Integrations
APPROVED

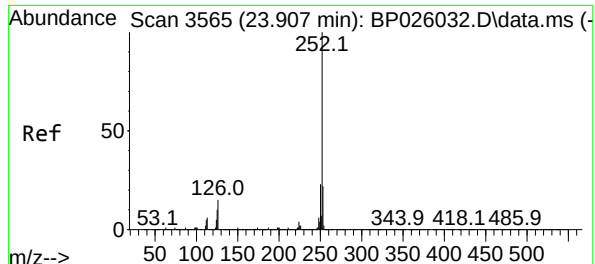
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 34.098 ng
RT: 23.848 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 252 Resp: 3575209
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 34.381 ng

RT: 23.930 min Scan# 3569

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:252 Resp: 3681173

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

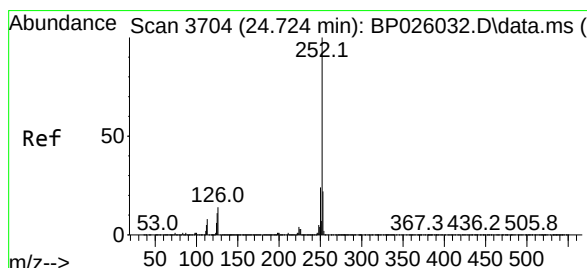
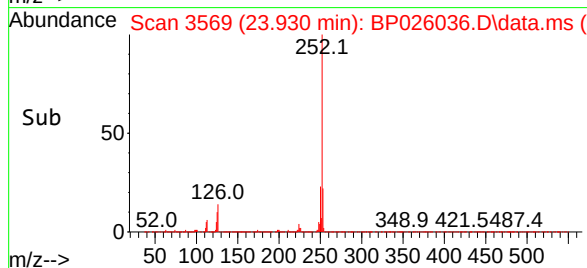
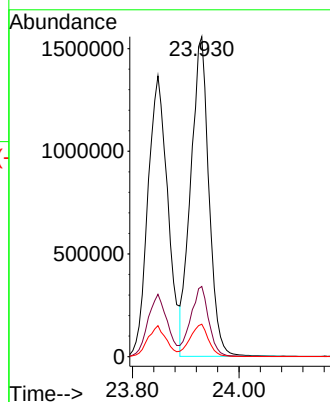
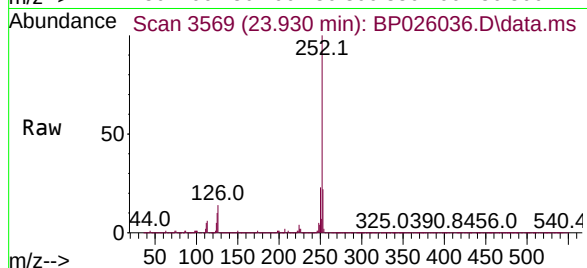
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 35.024 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

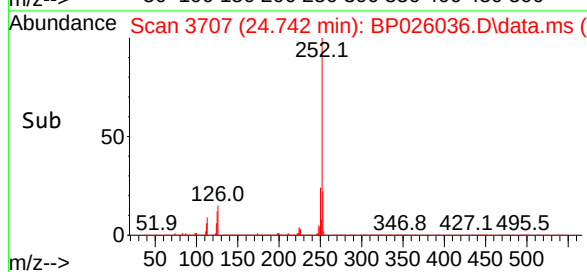
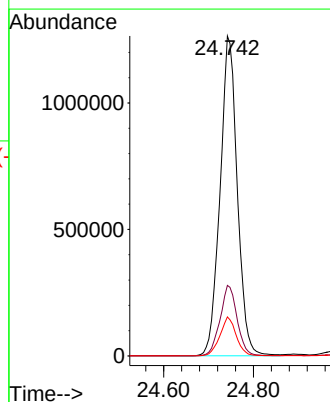
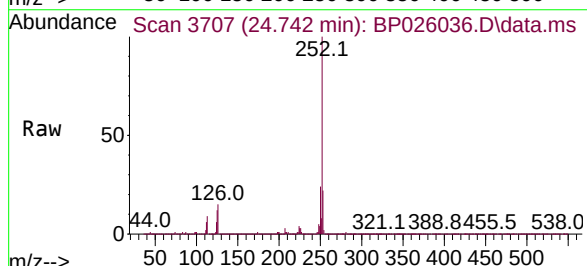
Tgt Ion:252 Resp: 3373695

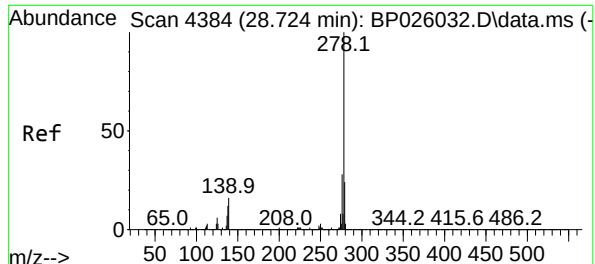
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 12.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 33.879 ng

RT: 28.765 min Scan# 4384

Delta R.T. 0.018 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:278 Resp: 343782

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.6

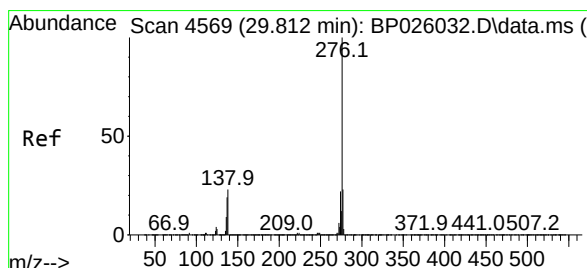
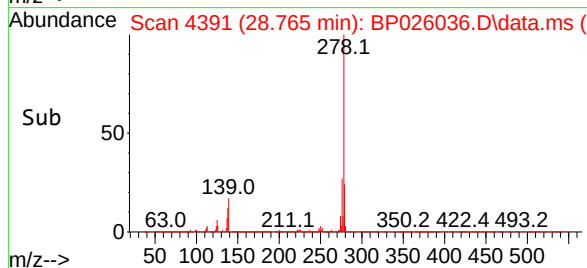
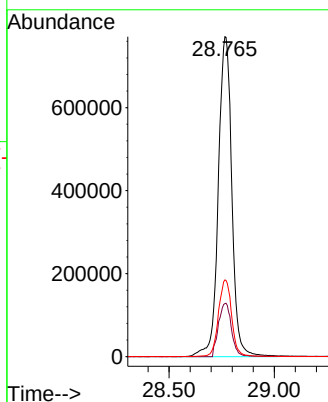
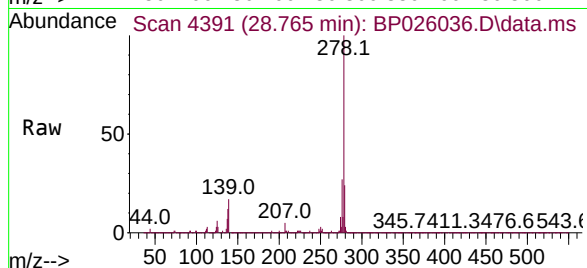
279 24.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#92

Benzo(g,h,i)perylene

Concen: 33.862 ng

RT: 29.836 min Scan# 4573

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

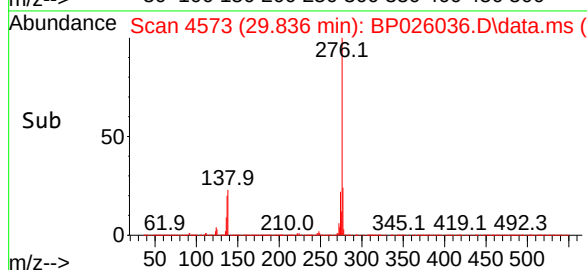
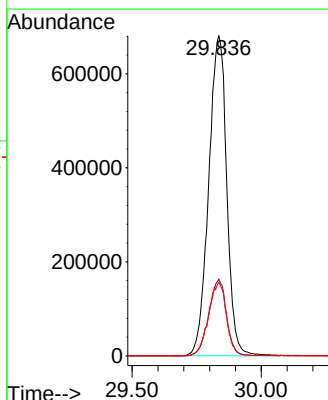
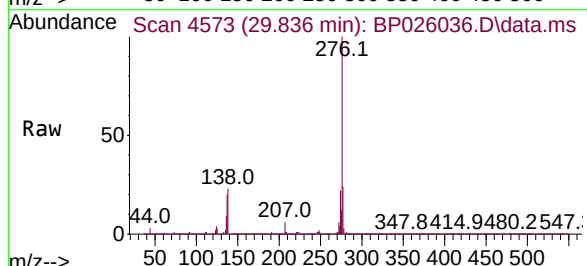
Tgt Ion:276 Resp: 3306526

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 23.0 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.05
2	1,4-Dioxane	0.511	0.425	16.8	79	-0.02
3	Pyridine	1.453	1.186	18.4	77	-0.03
4	n-Nitrosodimethylamine	0.582	0.511	12.2	84	-0.03
5 S	2-Fluorophenol	1.212	1.037	14.4	80	-0.05
6	Aniline	2.059	1.845	10.4	84	-0.05
7 S	Phenol-d6	1.543	1.313	14.9	79	-0.05
8	2-Chlorophenol	1.342	1.161	13.5	80	-0.05
9	Benzaldehyde	0.802	0.923	-15.1	110	-0.05
10 C	Phenol	1.713	1.448	15.5	79	-0.05
11	bis(2-Chloroethyl)ether	1.352	1.145	15.3	80	-0.05
12	1,3-Dichlorobenzene	1.541	1.331	13.6	81	-0.05
13 C	1,4-Dichlorobenzene	1.558	1.367	12.3	83	-0.05
14	1,2-Dichlorobenzene	1.487	1.305	12.2	83	-0.04
15	Benzyl Alcohol	1.112	0.978	12.1	83	-0.05
16	2,2'-oxybis(1-Chloropropane	2.043	1.712	16.2	78	-0.03
17	2-Methylphenol	1.121	0.981	12.5	80	-0.04
18	Hexachloroethane	0.533	0.461	13.5	80	-0.05
19 P	n-Nitroso-di-n-propylamine	0.958	0.870	9.2	82	-0.05
20	3+4-Methylphenols	1.560	1.336	14.4	80	-0.05
21 I	Naphthalene-d8	1.000	1.000	0.0	97	-0.04
22	Acetophenone	0.506	0.452	10.7	85	-0.05
23 S	Nitrobenzene-d5	0.321	0.275	14.3	79	-0.04
24	Nitrobenzene	0.339	0.295	13.0	80	-0.04
25	Isophorone	0.687	0.602	12.4	81	-0.05
26 C	2-Nitrophenol	0.104	0.110	-5.8	83	-0.04
27	2,4-Dimethylphenol	0.289	0.271	6.2	87	-0.05
28	bis(2-Chloroethoxy)methane	0.433	0.373	13.9	81	-0.03
29 C	2,4-Dichlorophenol	0.305	0.264	13.4	78	-0.03
30	1,2,4-Trichlorobenzene	0.331	0.294	11.2	84	-0.04
31	Naphthalene	1.091	0.924	15.3	80	-0.04
32	Benzoic acid	0.163	0.151	7.4	87	-0.09
33	4-Chloroaniline	0.419	0.407	2.9	90	-0.03
34 C	Hexachlorobutadiene	0.211	0.178	15.6	80	-0.04
35	Caprolactam	0.107	0.093	13.1	80	-0.07
36 C	4-Chloro-3-methylphenol	0.320	0.277	13.4	78	-0.04
37	2-Methylnaphthalene	0.763	0.591	22.5	72	-0.03
38	1-Methylnaphthalene	0.742	0.611	17.7	77	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	0.621	0.536	13.7	81	-0.03
41 P	Hexachlorocyclopentadiene	0.227	0.268	-18.1	109	-0.03
42 S	2,4,6-Tribromophenol	0.216	0.197	8.8	80	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.333	9.3	80	-0.02
44	2,4,5-Trichlorophenol	0.419	0.370	11.7	78	-0.03
45 S	2-Fluorobiphenyl	1.392	1.166	16.2	79	-0.02
46	1,1'-Biphenyl	1.531	1.343	12.3	83	-0.02
47	2-Chloronaphthalene	1.205	1.002	16.8	78	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.272	0.255	6.3	81	-0.02
49	Acenaphthylene	1.756	1.709	2.7	90	0.00
50	Dimethylphthalate	1.455	1.277	12.2	81	-0.01
51	2,6-Dinitrotoluene	0.237	0.250	-5.5	91	-0.01
52 C	Acenaphthene	1.206	0.993	17.7	76	0.00
53	3-Nitroaniline	0.291	0.290	0.3	86	-0.01
54 P	2,4-Dinitrophenol	0.100	0.086	14.0	83	0.00
55	Dibenzofuran	1.822	1.545	15.2	79	0.00
56 P	4-Nitrophenol	0.290	0.237	18.3	80	-0.01
57	2,4-Dinitrotoluene	0.347	0.340	2.0	83	0.00
58	Fluorene	1.427	1.261	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.323	2.1	85	-0.01
60	Diethylphthalate	1.463	1.280	12.5	79	0.00
61	4-Chlorophenyl-phenylether	0.713	0.604	15.3	79	0.00
62	4-Nitroaniline	0.311	0.294	5.5	83	0.00
63	Azobenzene	1.325	1.161	12.4	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.077	0.065	15.6	84	0.00
66 c	n-Nitrosodiphenylamine	0.625	0.526	15.8	80	0.00
67	4-Bromophenyl-phenylether	0.222	0.182	18.0	78	0.00
68	Hexachlorobenzene	0.253	0.207	18.2	79	0.00
69	Atrazine	0.211	0.196	7.1	88	0.00
70 C	Pentachlorophenol	0.154	0.130	15.6	80	0.00
71	Phenanthrene	1.164	0.952	18.2	79	0.00
72	Anthracene	1.154	0.964	16.5	81	0.00
73	Carbazole	1.092	0.913	16.4	79	0.00
74	Di-n-butylphthalate	1.222	1.073	12.2	79	0.00
75 C	Fluoranthene	1.358	1.125	17.2	78	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	97	0.01
77	Benzydine	0.508	0.611	-20.3	115	0.00
78	Pyrene	1.353	1.113	17.7	76	0.00
79 S	Terphenyl-d14	0.984	0.831	15.5	80	0.00
80	Butylbenzylphthalate	0.432	0.411	4.9	81	0.00
81	Benzo(a)anthracene	1.374	1.136	17.3	78	0.01
82	3,3'-Dichlorobenzidine	0.443	0.412	7.0	87	0.00
83	Chrysene	1.302	1.059	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.718	0.664	7.5	78	0.01
85 c	Di-n-octyl phthalate	1.191	1.002	15.9	76	0.02
86 I	Perylene-d12	1.000	1.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	1.477	1.229	16.8	75	0.01
88	Benzo(b)fluoranthene	1.242	1.058	14.8	78	0.00
89	Benzo(k)fluoranthene	1.268	1.090	14.0	79	0.00
90 C	Benzo(a)pyrene	1.141	0.999	12.4	79	0.00
91	Dibenzo(a,h)anthracene	1.202	1.018	15.3	77	0.02
92	Benzo(g,h,i)perylene	1.156	0.979	15.3	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	-0.05
2	1,4-Dioxane	40.000	33.303	16.7	79	-0.02
3	Pyridine	40.000	32.670	18.3	77	-0.03
4	n-Nitrosodimethylamine	40.000	35.142	12.1	84	-0.03
5 S	2-Fluorophenol	80.000	68.429	14.5	80	-0.05
6	Aniline	40.000	35.839	10.4	84	-0.05
7 S	Phenol-d6	80.000	68.090	14.9	79	-0.05
8	2-Chlorophenol	40.000	34.596	13.5	80	-0.05
9	Benzaldehyde	40.000	46.027	-15.1	110	-0.05
10 C	Phenol	40.000	33.813	15.5	79	-0.05
11	bis(2-Chloroethyl)ether	40.000	33.880	15.3	80	-0.05
12	1,3-Dichlorobenzene	40.000	34.538	13.7	81	-0.05
13 C	1,4-Dichlorobenzene	40.000	35.099	12.3	83	-0.05
14	1,2-Dichlorobenzene	40.000	35.092	12.3	83	-0.04
15	Benzyl Alcohol	40.000	35.185	12.0	83	-0.05
16	2,2'-oxybis(1-Chloropropane	40.000	33.526	16.2	78	-0.03
17	2-Methylphenol	40.000	34.998	12.5	80	-0.04
18	Hexachloroethane	40.000	34.560	13.6	80	-0.05
19 P	n-Nitroso-di-n-propylamine	40.000	36.340	9.1	82	-0.05
20	3+4-Methylphenols	40.000	34.245	14.4	80	-0.05
21 I	Naphthalene-d8	20.000	20.000	0.0	97	-0.04
22	Acetophenone	40.000	35.756	10.6	85	-0.05
23 S	Nitrobenzene-d5	80.000	68.652	14.2	79	-0.04
24	Nitrobenzene	40.000	34.825	12.9	80	-0.04
25	Isophorone	40.000	35.069	12.3	81	-0.05
26 C	2-Nitrophenol	40.000	36.106	9.7	83	-0.04
27	2,4-Dimethylphenol	40.000	37.573	6.1	87	-0.05
28	bis(2-Chloroethoxy)methane	40.000	34.454	13.9	81	-0.03
29 C	2,4-Dichlorophenol	40.000	34.599	13.5	78	-0.03
30	1,2,4-Trichlorobenzene	40.000	35.441	11.4	84	-0.04
31	Naphthalene	40.000	33.888	15.3	80	-0.04
32	Benzoic acid	40.000	37.646	5.9	87	-0.09
33	4-Chloroaniline	40.000	38.877	2.8	90	-0.03
34 C	Hexachlorobutadiene	40.000	33.876	15.3	80	-0.04
35	Caprolactam	40.000	34.833	12.9	80	-0.07
36 C	4-Chloro-3-methylphenol	40.000	34.690	13.3	78	-0.04
37	2-Methylnaphthalene	40.000	30.988	22.5	72	-0.03
38	1-Methylnaphthalene	40.000	32.934	17.7	77	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	34.481	13.8	81	-0.03
41 P	Hexachlorocyclopentadiene	40.000	47.197	-18.0	109	-0.03
42 S	2,4,6-Tribromophenol	80.000	72.809	9.0	80	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.282	9.3	80	-0.02
44	2,4,5-Trichlorophenol	40.000	35.326	11.7	78	-0.03
45 S	2-Fluorobiphenyl	80.000	67.037	16.2	79	-0.02
46	1,1'-Biphenyl	40.000	35.073	12.3	83	-0.02
47	2-Chloronaphthalene	40.000	33.277	16.8	78	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	33.821	15.4	81	-0.02
49	Acenaphthylene	40.000	38.923	2.7	90	0.00
50	Dimethylphthalate	40.000	35.112	12.2	81	-0.01
51	2,6-Dinitrotoluene	40.000	37.528	6.2	91	-0.01
52 C	Acenaphthene	40.000	32.961	17.6	76	0.00
53	3-Nitroaniline	40.000	36.037	9.9	86	-0.01
54 P	2,4-Dinitrophenol	40.000	36.040	9.9	83	0.00
55	Dibenzofuran	40.000	33.938	15.2	79	0.00
56 P	4-Nitrophenol	40.000	32.703	18.2	80	-0.01
57	2,4-Dinitrotoluene	40.000	35.013	12.5	83	0.00
58	Fluorene	40.000	35.342	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.197	2.0	85	-0.01
60	Diethylphthalate	40.000	35.015	12.5	79	0.00
61	4-Chlorophenyl-phenylether	40.000	33.928	15.2	79	0.00
62	4-Nitroaniline	40.000	37.891	5.3	83	0.00
63	Azobenzene	40.000	35.051	12.4	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.409	11.5	84	0.00
66 c	n-Nitrosodiphenylamine	40.000	33.661	15.8	80	0.00
67	4-Bromophenyl-phenylether	40.000	32.800	18.0	78	0.00
68	Hexachlorobenzene	40.000	32.804	18.0	79	0.00
69	Atrazine	40.000	37.108	7.2	88	0.00
70 C	Pentachlorophenol	40.000	33.716	15.7	80	0.00
71	Phenanthrene	40.000	32.726	18.2	79	0.00
72	Anthracene	40.000	33.409	16.5	81	0.00
73	Carbazole	40.000	33.421	16.4	79	0.00
74	Di-n-butylphthalate	40.000	35.126	12.2	79	0.00
75 C	Fluoranthene	40.000	33.126	17.2	78	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.01
77	Benzydine	40.000	48.151	-20.4	115	0.00
78	Pyrene	40.000	32.912	17.7	76	0.00
79 S	Terphenyl-d14	80.000	67.515	15.6	80	0.00
80	Butylbenzylphthalate	40.000	33.630	15.9	81	0.00
81	Benzo(a)anthracene	40.000	33.052	17.4	78	0.01
82	3,3'-Dichlorobenzidine	40.000	37.253	6.9	87	0.00
83	Chrysene	40.000	32.526	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	33.750	15.6	78	0.01
85 c	Di-n-octyl phthalate	40.000	33.668	15.8	76	0.02
86 I	Perylene-d12	20.000	20.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	33.295	16.8	75	0.01
88	Benzo(b)fluoranthene	40.000	34.098	14.8	78	0.00
89	Benzo(k)fluoranthene	40.000	34.381	14.0	79	0.00
90 C	Benzo(a)pyrene	40.000	35.024	12.4	79	0.00
91	Dibenzo(a,h)anthracene	40.000	33.879	15.3	77	0.02
92	Benzo(g,h,i)perylene	40.000	33.862	15.3	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
----------	--------	-------	------	-------	----------

(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02
 Lab Code: ACE SDG No.: Q3447
 Instrument ID: BNA_F Calibration Date/Time: 10/28/2025 13:17
 Lab File ID: BF144097.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.462	1.525		4.3	
2-Fluorophenol	1.264	1.303		3.1	
Phenol-d6	1.396	1.466		5.0	
1,4-Dichlorobenzene	1.513	1.586		4.8	20.0
2-Methylphenol	0.957	1.028		7.4	
3+4-Methylphenols	1.132	1.216		7.4	
Nitrobenzene-d5	0.365	0.371		1.6	
Hexachloroethane	0.541	0.558		3.1	
Nitrobenzene	0.386	0.408		5.7	
Hexachlorobutadiene	0.267	0.269		0.7	20.0
2,4,6-Trichlorophenol	0.447	0.474		6.0	20.0
2-Fluorobiphenyl	1.421	1.379		-3.0	
2,4,5-Trichlorophenol	0.469	0.522		11.3	
2,4-Dinitrotoluene	0.350	0.407		16.3	
2,4,6-Tribromophenol	0.255	0.287		12.5	
Hexachlorobenzene	0.307	0.322		4.9	
Pentachlorophenol	0.146	0.170		16.4	20.0
Terphenyl-d14	1.144	1.573		37.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144097.D
 Acq On : 28 Oct 2025 13:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66521	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	250146	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147935	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	264042	20.000	ng	0.00
76) Chrysene-d12	14.057	240	128248	20.000	ng	0.00
86) Perylene-d12	15.539	264	169914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	346602	82.434	ng	0.00
7) Phenol-d6	6.510	99	390159	84.022	ng	0.00
23) Nitrobenzene-d5	7.445	82	371128	81.285	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	169601	90.002	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	816145	77.635	ng	0.00
79) Terphenyl-d14	12.992	244	806709	109.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	69149	38.059	ng	96
3) Pyridine	3.404	79	202882	41.710	ng	96
4) n-Nitrosodimethylamine	3.351	42	112807	37.743	ng	91
6) Aniline	6.545	93	275642	41.492	ng	99
8) 2-Chlorophenol	6.663	128	172921	41.762	ng	100
9) Benzaldehyde	6.434	77	147003	40.774	ng	98
10) Phenol	6.528	94	236104	41.214	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	176755	42.699	ng	96
12) 1,3-Dichlorobenzene	6.822	146	212619	41.627	ng	98
13) 1,4-Dichlorobenzene	6.898	146	210959	41.909	ng	98
14) 1,2-Dichlorobenzene	7.051	146	203316	41.744	ng	98
15) Benzyl Alcohol	7.022	79	164325	43.521	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	334275	42.966	ng	96
17) 2-Methylphenol	7.134	107	136788	42.952	ng	97
18) Hexachloroethane	7.392	117	74260	41.263	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	133622	44.499	ng	92
20) 3+4-Methylphenols	7.287	107	161750	42.964	ng	# 86
22) Acetophenone	7.292	105	224937	41.609	ng	95
24) Nitrobenzene	7.463	77	204243	42.287	ng	99
25) Isophorone	7.704	82	357344	44.766	ng	99
26) 2-Nitrophenol	7.781	139	101537	44.191	ng	95
27) 2,4-Dimethylphenol	7.816	122	151833	44.467	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	222369	44.670	ng	97
29) 2,4-Dichlorophenol	8.022	162	169254	42.625	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	172640	42.262	ng	99
31) Naphthalene	8.186	128	493628	41.811	ng	98
32) Benzoic acid	7.934	122	115219	53.198	ng	# 84
33) 4-Chloroaniline	8.234	127	182107	44.308	ng	98
34) Hexachlorobutadiene	8.298	225	134816	40.361	ng	99
35) Caprolactam	8.610	113	48594	48.802	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	161239	46.014	ng	96
37) 2-Methylnaphthalene	8.875	142	333422	42.835	ng	96
38) 1-Methylnaphthalene	8.975	142	320892	43.513	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	197569	38.859	ng	98
41) Hexachlorocyclopentadiene	9.028	237	70289	44.760	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	140181	42.418	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144097.D
 Acq On : 28 Oct 2025 13:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154404	44.519	ng	96
46) 1,1'-Biphenyl	9.339	154	411658	38.873	ng	100
47) 2-Chloronaphthalene	9.363	162	360439	40.627	ng	97
48) 2-Nitroaniline	9.463	65	114922	43.622	ng	98
49) Acenaphthylene	9.780	152	498378	41.661	ng	99
50) Dimethylphthalate	9.633	163	423610	43.685	ng	100
51) 2,6-Dinitrotoluene	9.704	165	87885	45.846	ng	92
52) Acenaphthene	9.951	154	328569	41.127	ng	98
53) 3-Nitroaniline	9.875	138	96397	45.229	ng	98
54) 2,4-Dinitrophenol	9.980	184	49169	47.423	ng	98
55) Dibenzofuran	10.128	168	463130	41.757	ng	97
56) 4-Nitrophenol	10.033	139	65421	45.329	ng	92
57) 2,4-Dinitrotoluene	10.110	165	120319	46.505	ng	95
58) Fluorene	10.469	166	357025	42.247	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	109986	45.002	ng	98
60) Diethylphthalate	10.339	149	401002	43.974	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	205056	43.147	ng	97
62) 4-Nitroaniline	10.486	138	89874	44.504	ng	96
63) Azobenzene	10.622	77	376152	43.581	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	71598	42.264	ng	98
66) n-Nitrosodiphenylamine	10.580	169	344740	40.864	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	140573	42.521	ng	97
68) Hexachlorobenzene	11.022	284	169947	41.916	ng	96
69) Atrazine	11.104	200	109902	39.700	ng	96
70) Pentachlorophenol	11.216	266	89552	46.401	ng	96
71) Phenanthrene	11.433	178	534720	40.767	ng	99
72) Anthracene	11.486	178	546494	40.333	ng	98
73) Carbazole	11.639	167	458674	39.771	ng	98
74) Di-n-butylphthalate	11.969	149	571521	40.420	ng	100
75) Fluoranthene	12.621	202	528275	36.455	ng	99
77) Benzidine	12.751	184	201207	50.411	ng	99
78) Pyrene	12.857	202	530531	57.540	ng	99
80) Butylbenzylphthalate	13.468	149	167106	47.907	ng	98
81) Benzo(a)anthracene	14.045	228	379691	43.808	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	132543	43.932	ng	100
83) Chrysene	14.080	228	342254	42.081	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	198759	41.739	ng	99
85) Di-n-octyl phthalate	14.639	149	339385	41.443	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	525344	45.034	ng	98
88) Benzo(b)fluoranthene	15.104	252	382543	39.824	ng	100
89) Benzo(k)fluoranthene	15.133	252	355845	40.151	ng	100
90) Benzo(a)pyrene	15.474	252	371712	43.134	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	413954	44.829	ng	99
92) Benzo(g,h,i)perylene	17.503	276	429795	46.294	ng	99

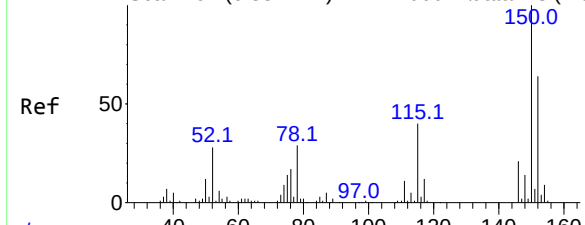
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17



Abundance Scan 797 (6.881 min): BF144060.D\data.ms (-79



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

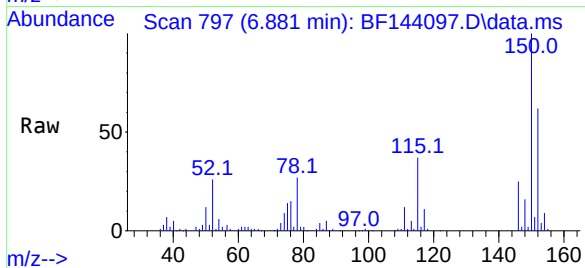
Tgt Ion:152 Resp: 66521

Ion Ratio Lower Upper

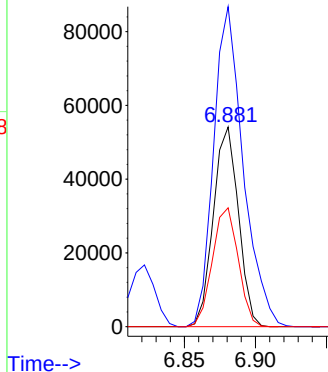
152 100

150 160.2 124.4 186.6

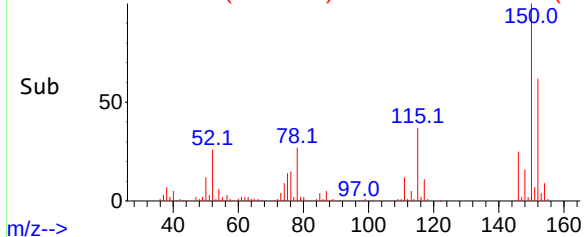
115 59.5 49.4 74.0



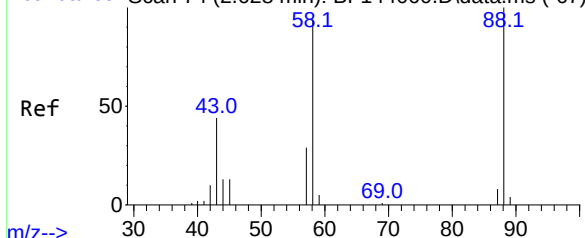
Abundance



Abundance Scan 797 (6.881 min): BF144097.D\data.ms (-78



Abundance Scan 74 (2.628 min): BF144060.D\data.ms (-67)



#2

1,4-Dioxane

Concen: 38.059 ng

RT: 2.628 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

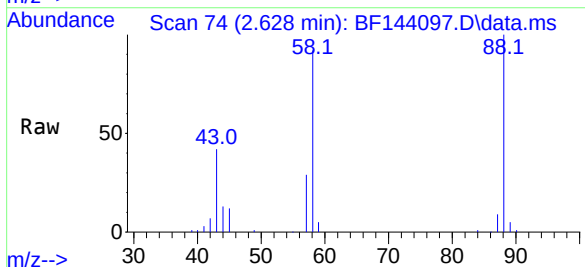
Tgt Ion: 88 Resp: 69149

Ion Ratio Lower Upper

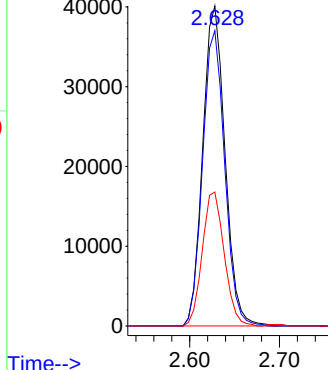
88 100

58 91.4 76.5 114.7

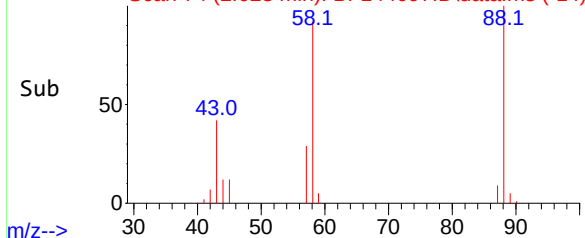
43 41.2 35.3 52.9



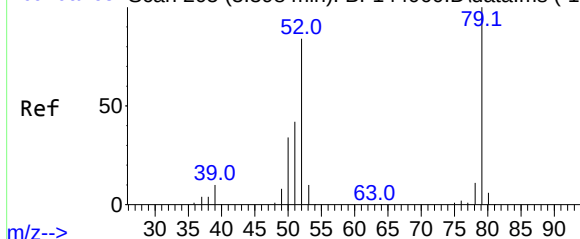
Abundance



Abundance Scan 74 (2.628 min): BF144097.D\data.ms (-14)



Abundance Scan 205 (3.398 min): BF144060.D\data.ms (-19



#3

Pyridine

Concen: 41.710 ng

RT: 3.404 min Scan# 205

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

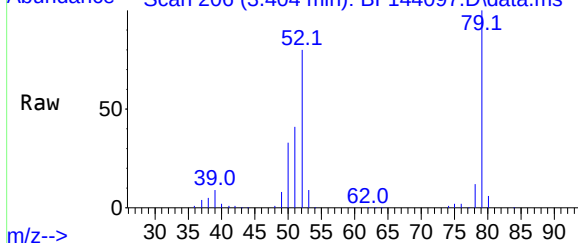
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 202882

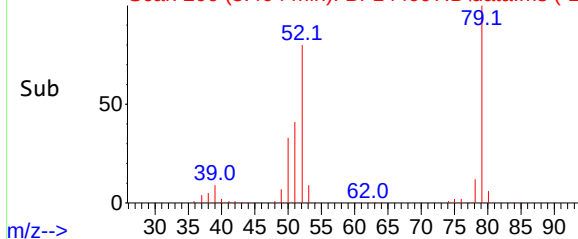
Ion	Ratio	Lower	Upper
79	100		
52	80.3	67.5	101.3
51	40.5	33.6	50.4

Abundance Scan 206 (3.404 min): BF144097.D\data.ms



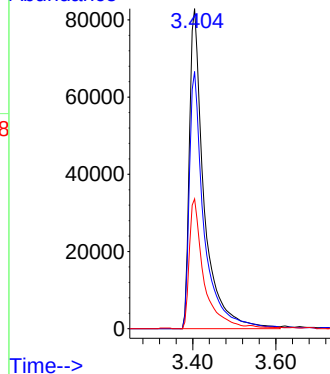
m/z-->

Abundance Scan 206 (3.404 min): BF144097.D\data.ms (-18



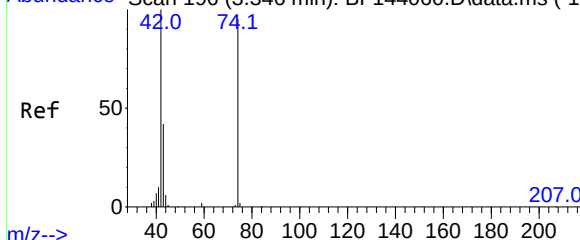
m/z-->

Abundance



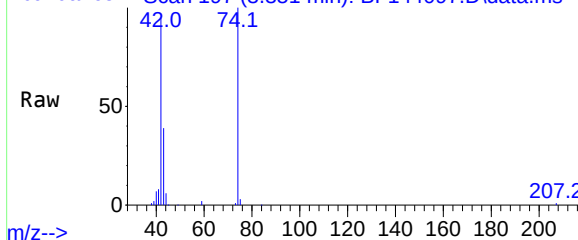
Time-->

Abundance Scan 196 (3.346 min): BF144060.D\data.ms (-18



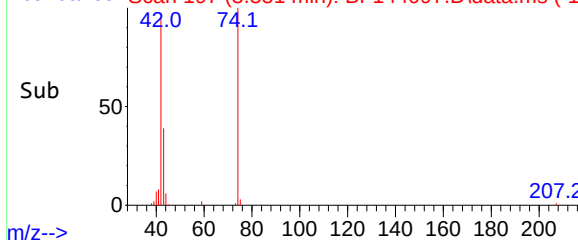
m/z-->

Abundance Scan 197 (3.351 min): BF144097.D\data.ms



m/z-->

Abundance Scan 197 (3.351 min): BF144097.D\data.ms (-17



m/z-->

#4

n-Nitrosodimethylamine

Concen: 37.743 ng

RT: 3.351 min Scan# 197

Delta R.T. 0.006 min

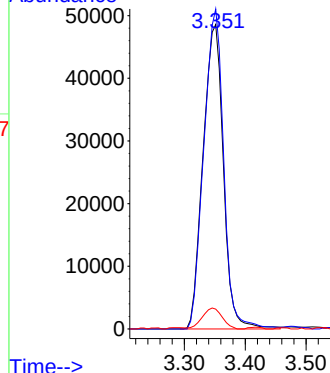
Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

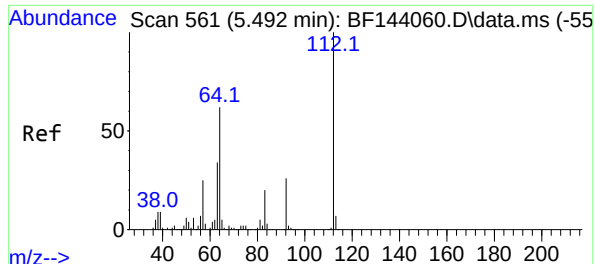
Tgt Ion: 42 Resp: 112807

Ion	Ratio	Lower	Upper
42	100		
74	105.1	76.4	114.6
44	6.5	5.2	7.8

Abundance



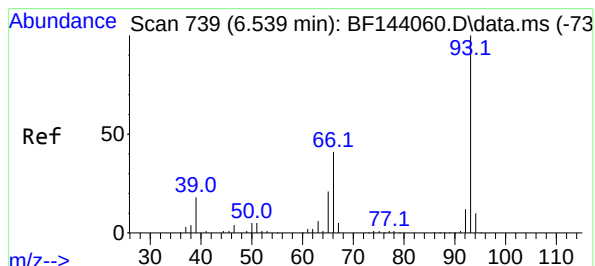
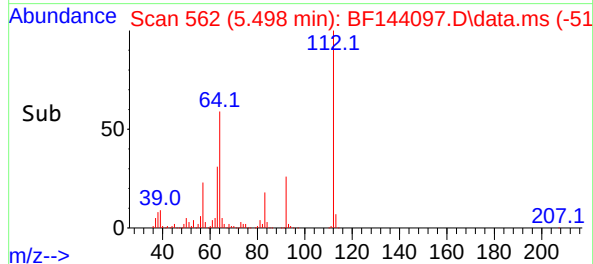
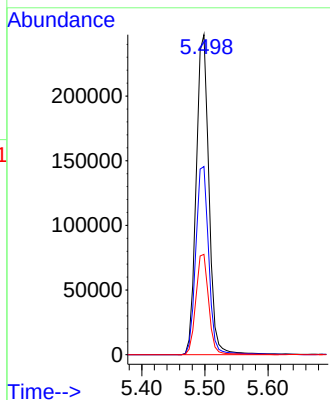
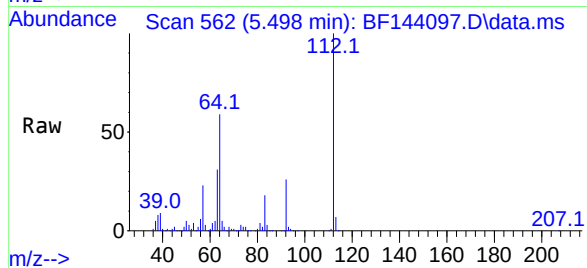
Time-->



#5
2-Fluorophenol
Concen: 82.434 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

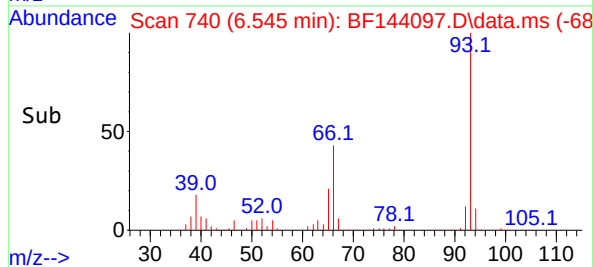
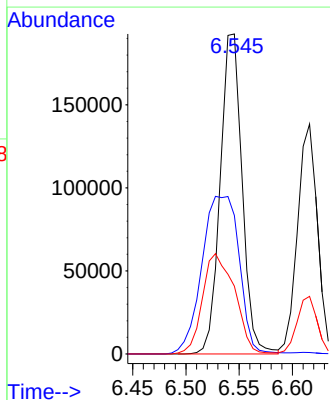
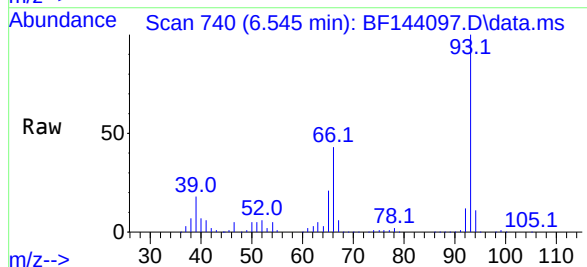
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 346602
Ion Ratio Lower Upper
112 100
64 58.8 49.8 74.8
63 31.4 27.4 41.2

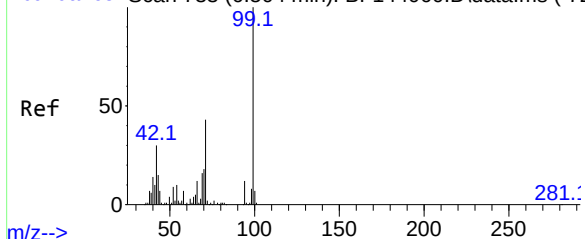


#6
Aniline
Concen: 41.492 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion: 93 Resp: 275642
Ion Ratio Lower Upper
93 100
66 43.3 35.7 53.5
65 21.2 17.0 25.6



Abundance Scan 733 (6.504 min): BF144060.D\data.ms (-72



#7

Phenol-d6

Concen: 84.022 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 390159

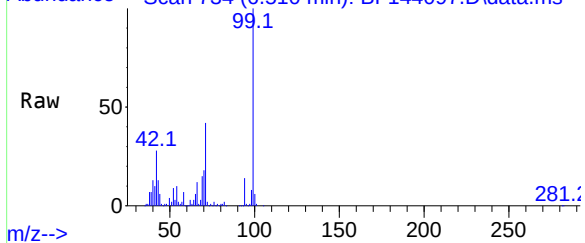
Ion Ratio Lower Upper

99 100

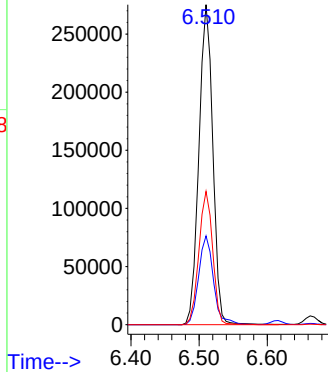
42 27.7 23.9 35.9

71 41.7 34.4 51.6

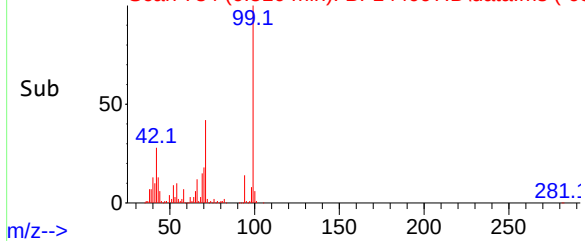
Abundance Scan 734 (6.510 min): BF144097.D\data.ms



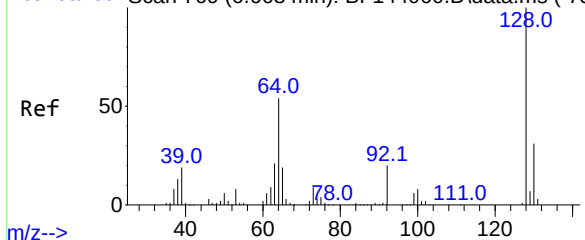
Abundance



Abundance Scan 734 (6.510 min): BF144097.D\data.ms (-68



Abundance Scan 760 (6.663 min): BF144060.D\data.ms (-75



#8

2-Chlorophenol

Concen: 41.762 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion: 128 Resp: 172921

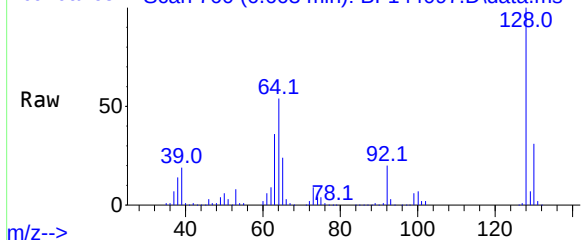
Ion Ratio Lower Upper

128 100

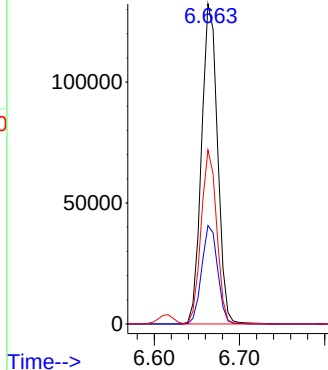
130 30.7 10.7 50.7

64 54.4 34.7 74.7

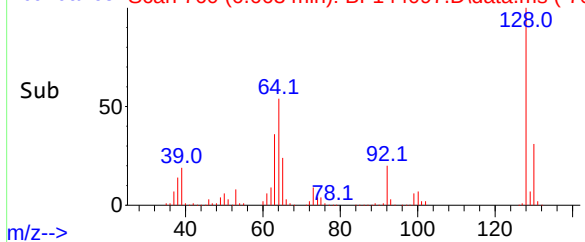
Abundance Scan 760 (6.663 min): BF144097.D\data.ms



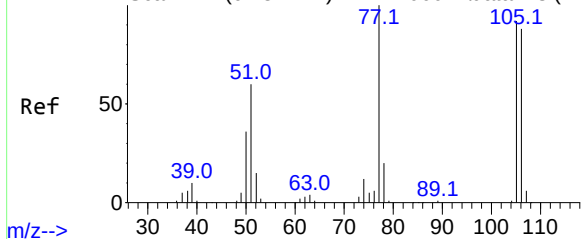
Abundance



Abundance Scan 760 (6.663 min): BF144097.D\data.ms (-70

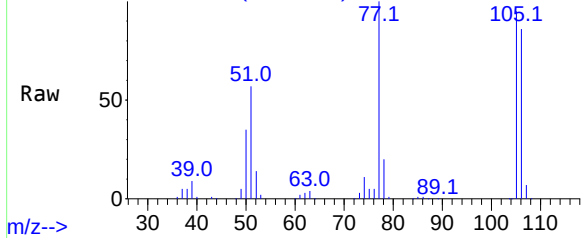


Abundance Scan 721 (6.434 min): BF144060.D\data.ms (-71



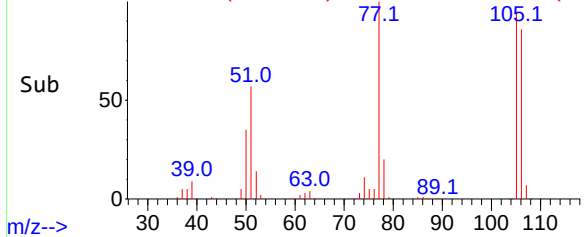
m/z-->

Abundance Scan 721 (6.434 min): BF144097.D\data.ms



m/z-->

Abundance Scan 721 (6.434 min): BF144097.D\data.ms (-67



m/z-->

#9

Benzaldehyde

Concen: 40.774 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 147003

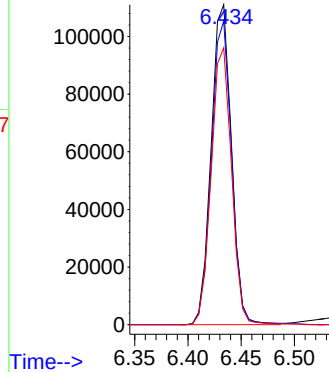
Ion Ratio Lower Upper

77 100

105 94.9 72.2 112.2

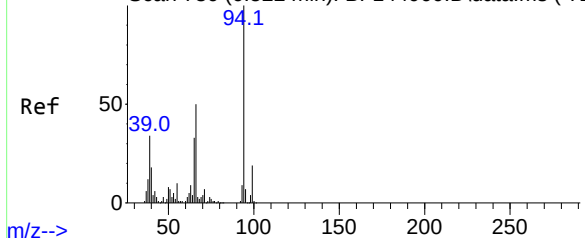
106 86.5 67.9 107.9

Abundance



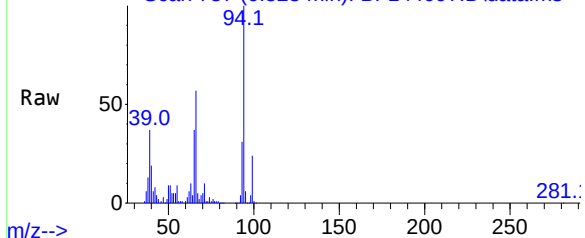
Time-->

Abundance Scan 736 (6.522 min): BF144060.D\data.ms (-72



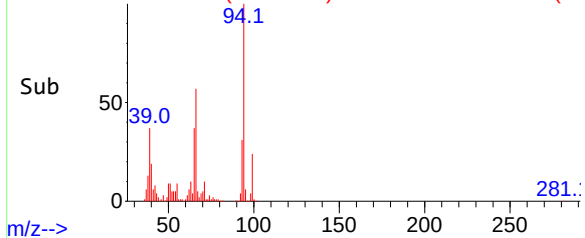
m/z-->

Abundance Scan 737 (6.528 min): BF144097.D\data.ms



m/z-->

Abundance Scan 737 (6.528 min): BF144097.D\data.ms (-68



m/z-->

#10

Phenol

Concen: 41.214 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion: 94 Resp: 236104

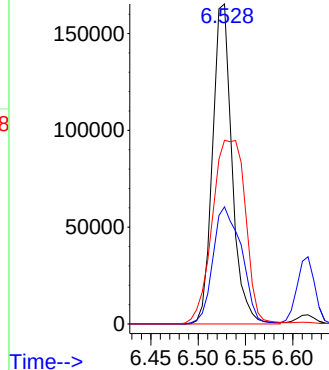
Ion Ratio Lower Upper

94 100

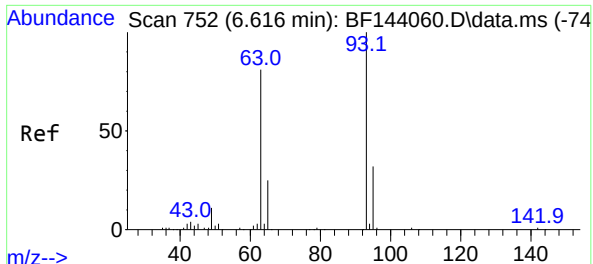
65 36.6 13.1 53.1

66 57.4 30.6 70.6

Abundance



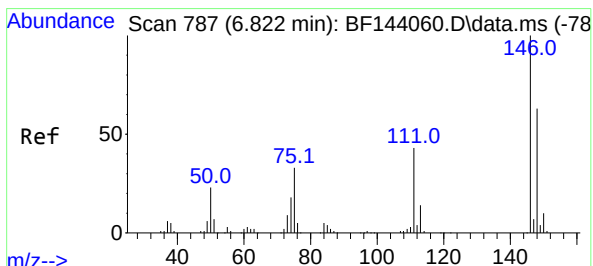
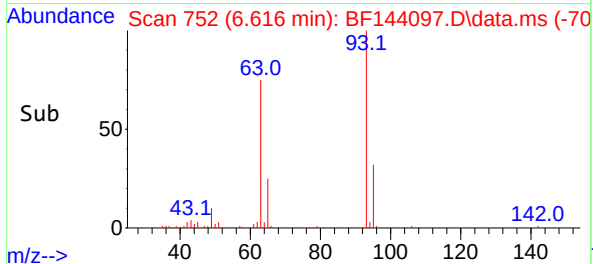
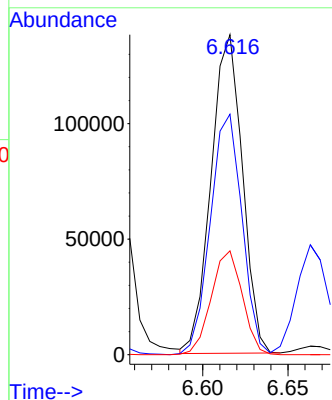
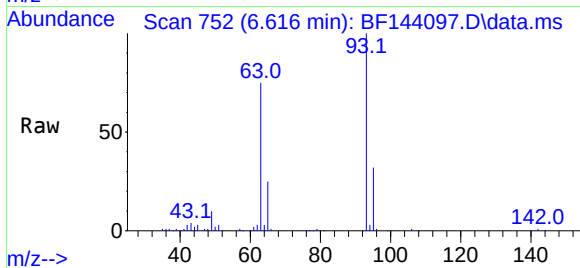
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 42.699 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

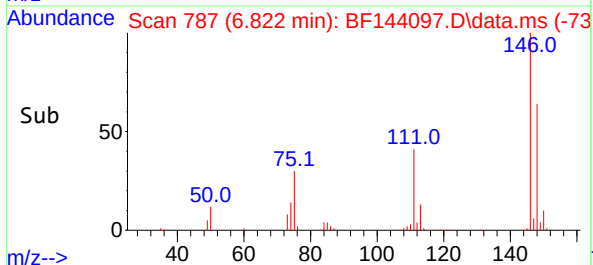
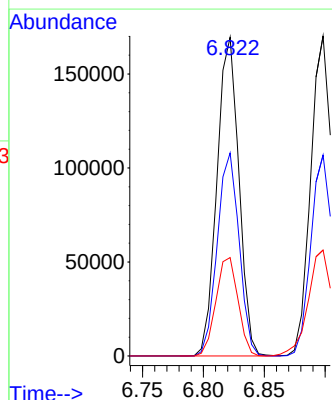
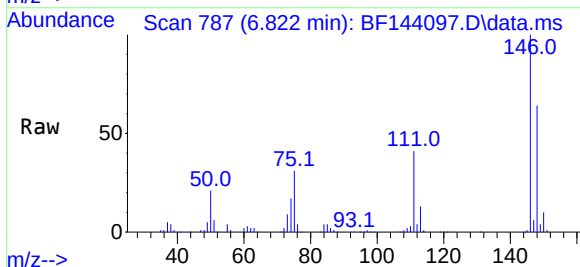
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 176755
Ion Ratio Lower Upper
93 100
63 75.1 60.2 100.2
95 32.4 12.4 52.4

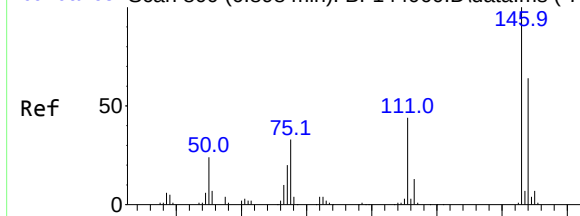


#12
1,3-Dichlorobenzene
Concen: 41.627 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion: 146 Resp: 212619
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 30.9 26.6 40.0

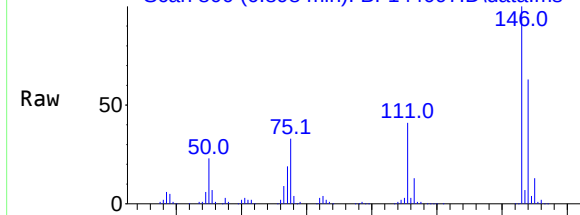


Abundance Scan 800 (6.898 min): BF144060.D\data.ms (-79



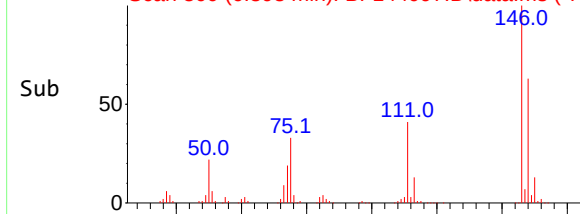
m/z-->

Abundance Scan 800 (6.898 min): BF144097.D\data.ms



m/z-->

Abundance Scan 800 (6.898 min): BF144097.D\data.ms (-74



m/z-->

#13

1,4-Dichlorobenzene

Concen: 41.909 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 210959

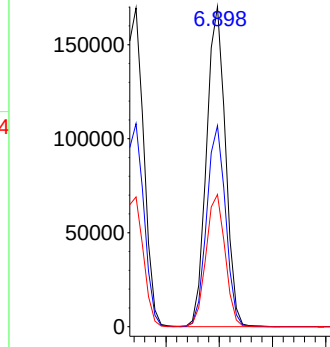
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

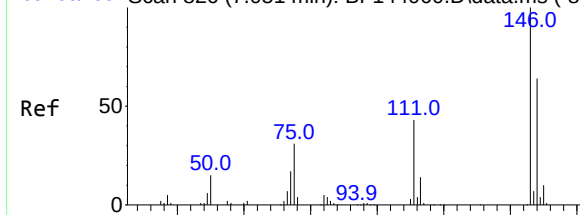
111 41.3 35.0 52.6

Abundance



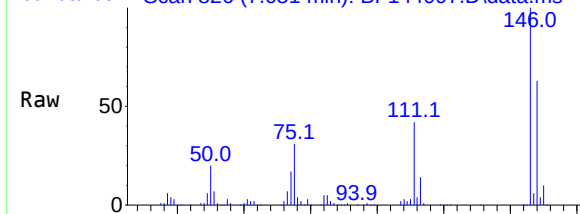
Time-->

Abundance Scan 826 (7.051 min): BF144060.D\data.ms (-81



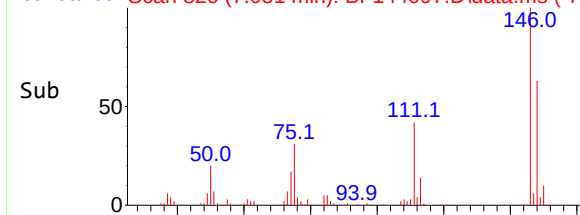
m/z-->

Abundance Scan 826 (7.051 min): BF144097.D\data.ms



m/z-->

Abundance Scan 826 (7.051 min): BF144097.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 41.744 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:146 Resp: 203316

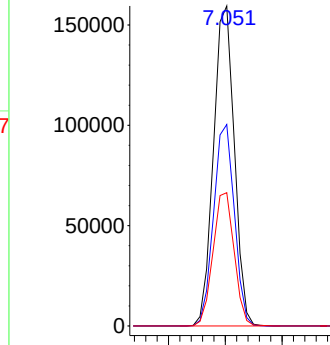
Ion Ratio Lower Upper

146 100

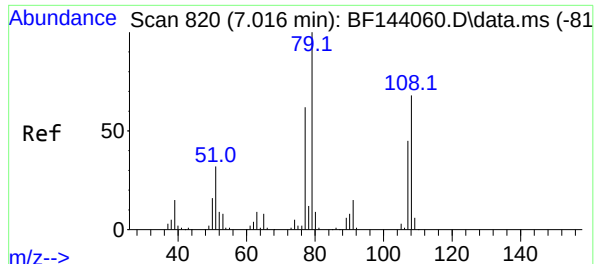
148 62.9 50.8 76.2

111 41.6 34.7 52.1

Abundance



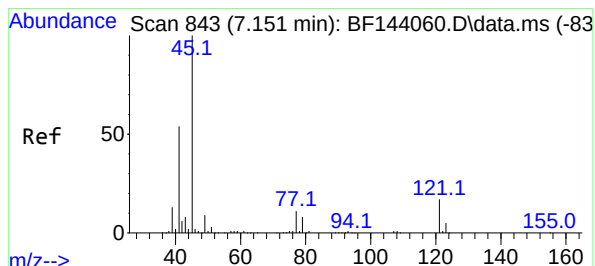
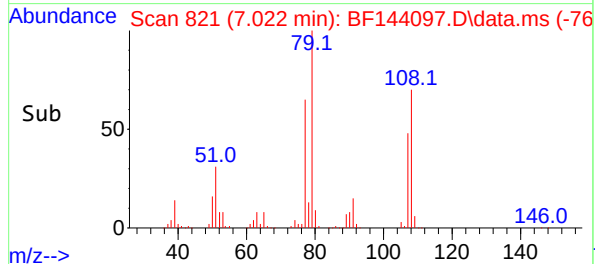
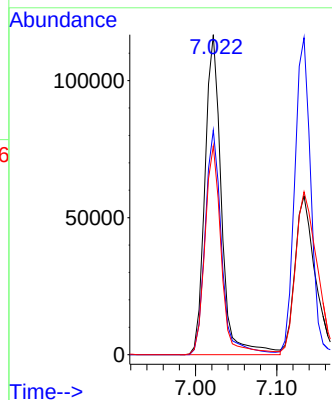
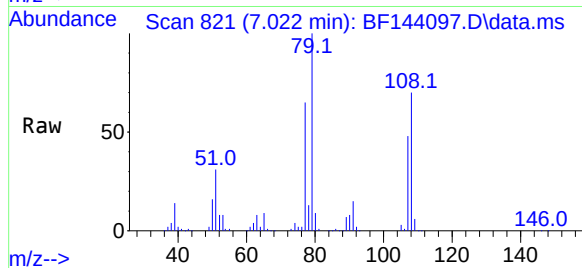
Time-->



#15
Benzyl Alcohol
Concen: 43.521 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

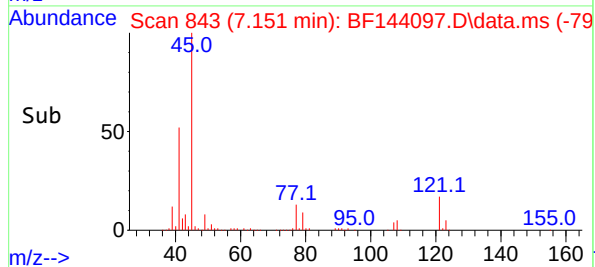
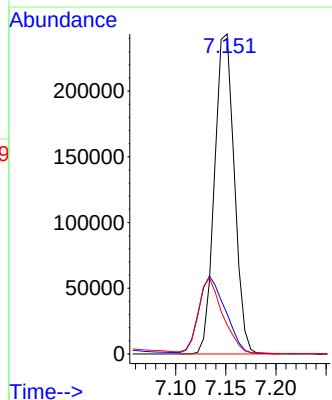
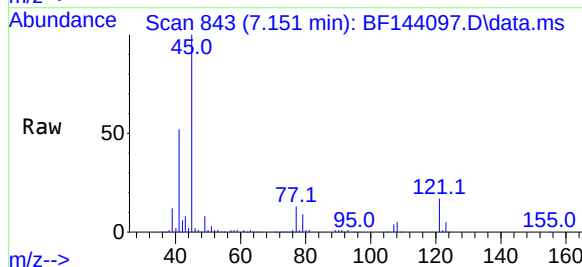
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 164325
Ion Ratio Lower Upper
79 100
108 70.1 54.8 82.2
77 65.3 49.4 74.0

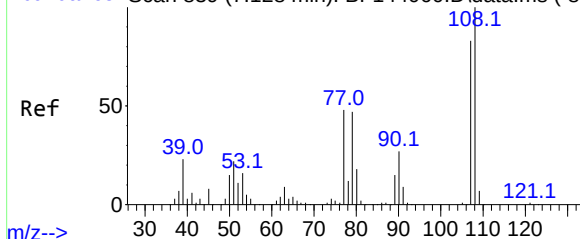


#16
2,2'-oxybis(1-chloropropane)
Concen: 42.966 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion: 45 Resp: 334275
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.9
79 9.1 0.0 28.2



Abundance Scan 839 (7.128 min): BF144060.D\data.ms (-83



#17

2-Methylphenol

Concen: 42.952 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 136788

Ion Ratio Lower Upper

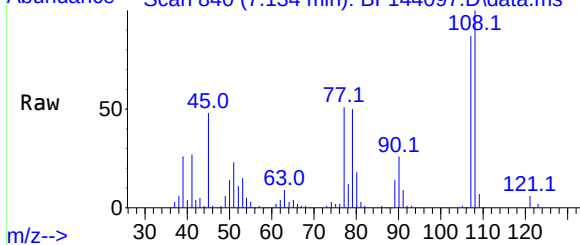
107 100

108 115.1 96.4 144.6

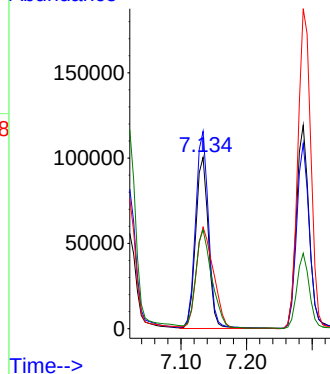
77 59.2 46.8 70.2

79 57.6 45.8 68.6

Abundance Scan 840 (7.134 min): BF144097.D\data.ms

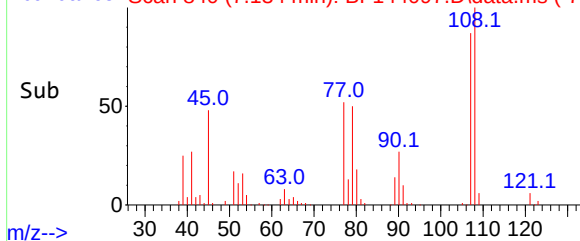


Abundance

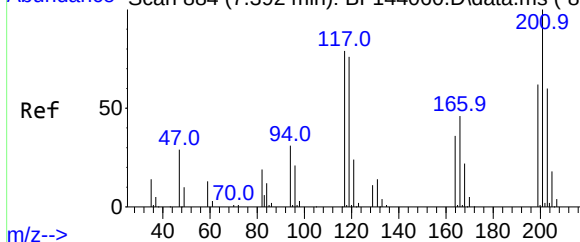


Time-->

Abundance Scan 840 (7.134 min): BF144097.D\data.ms (-78



Abundance Scan 884 (7.392 min): BF144060.D\data.ms (-87



#18

Hexachloroethane

Concen: 41.263 ng

RT: 7.392 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:117 Resp: 74260

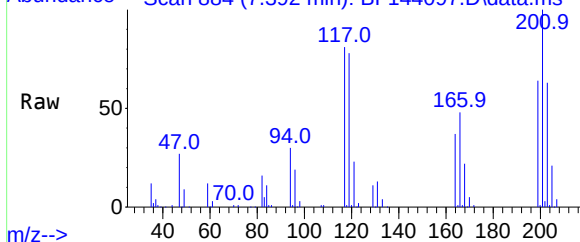
Ion Ratio Lower Upper

117 100

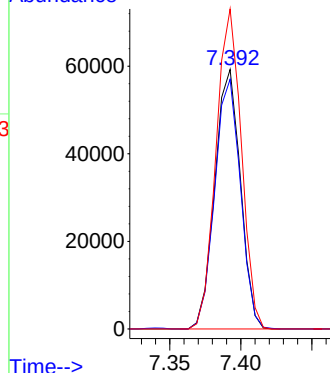
119 96.3 76.6 115.0

201 123.3 100.9 151.3

Abundance Scan 884 (7.392 min): BF144097.D\data.ms

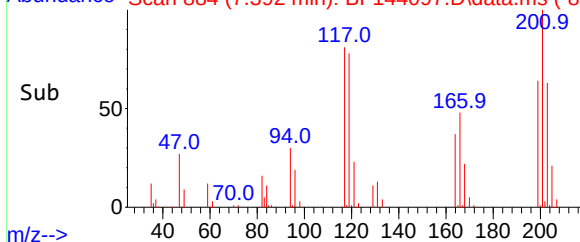


Abundance



Time-->

Abundance Scan 884 (7.392 min): BF144097.D\data.ms (-83



Abundance Scan 866 (7.286 min): BF144060.D\data.ms (-86

#19

n-Nitroso-di-n-propylamine

Concen: 44.499 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144097.D

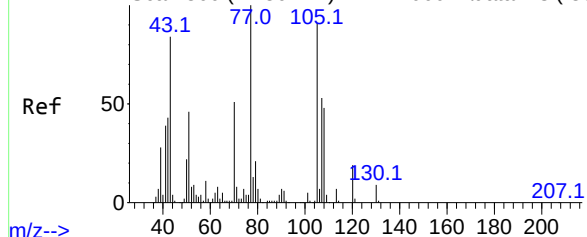
Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

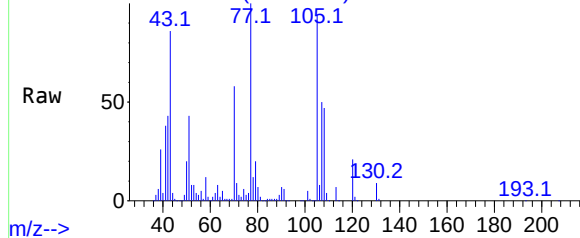
ClientSampleId :

SSTDCCC040



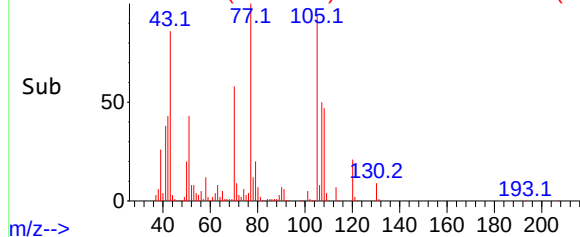
m/z-->

Abundance Scan 867 (7.292 min): BF144097.D\data.ms



m/z-->

Abundance Scan 867 (7.292 min): BF144097.D\data.ms (-81



m/z-->

Tgt Ion: 70 Resp: 133622

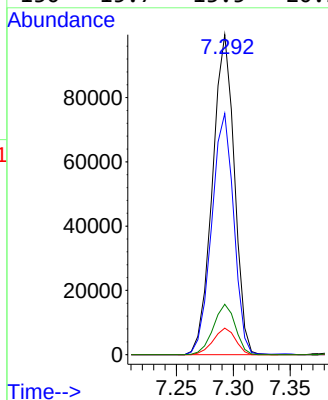
Ion Ratio Lower Upper

70 100

42 75.4 67.4 101.0

101 8.3 7.1 10.7

130 15.7 13.5 20.3



Abundance Scan 865 (7.281 min): BF144060.D\data.ms (-85

#20

3+4-Methylphenols

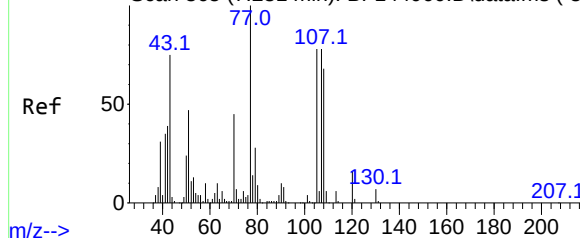
Concen: 42.964 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.006 min

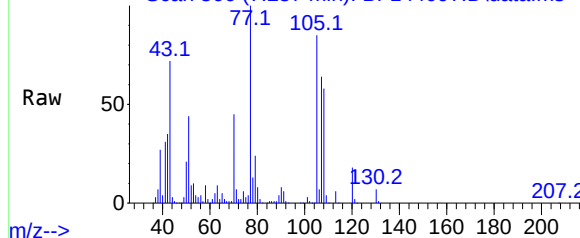
Lab File: BF144097.D

Acq: 28 Oct 2025 13:17



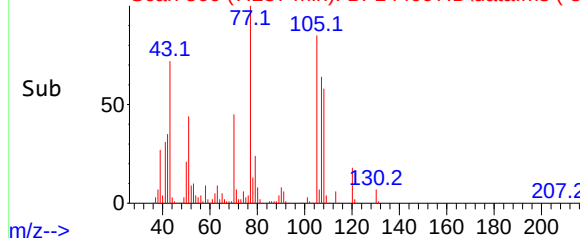
m/z-->

Abundance Scan 866 (7.287 min): BF144097.D\data.ms



m/z-->

Abundance Scan 866 (7.287 min): BF144097.D\data.ms (-81



m/z-->

Tgt Ion: 107 Resp: 161750

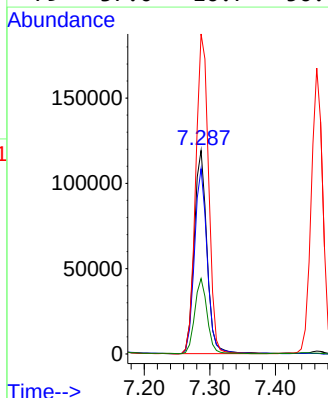
Ion Ratio Lower Upper

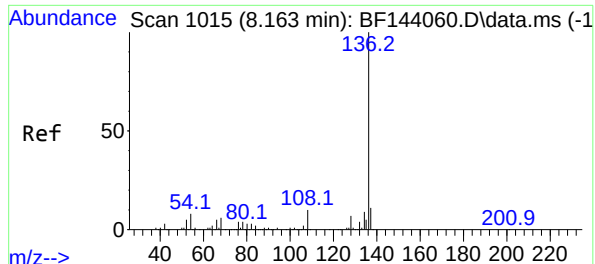
107 100

108 91.0 68.0 108.0

77 157.2 108.7 148.7#

79 37.0 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 250146

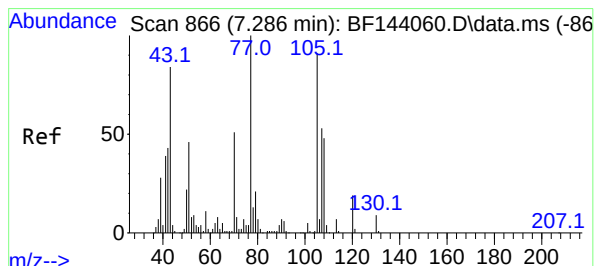
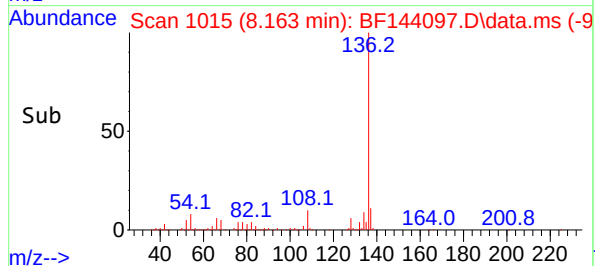
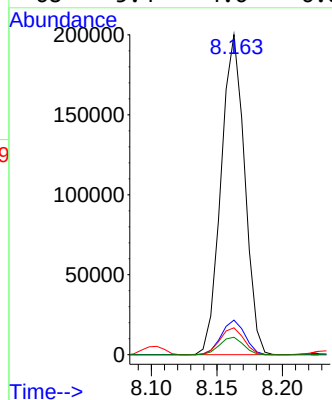
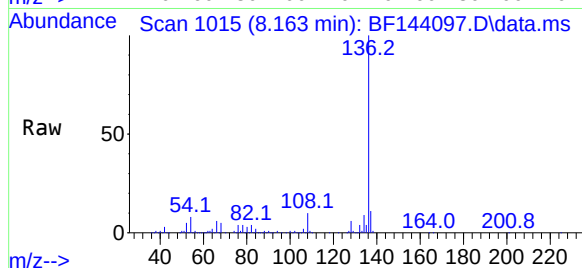
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.4 6.6 9.8

68 5.4 4.6 6.8



#22

Acetophenone

Concen: 41.609 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:105 Resp: 224937

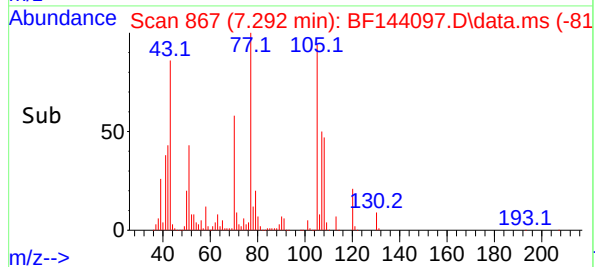
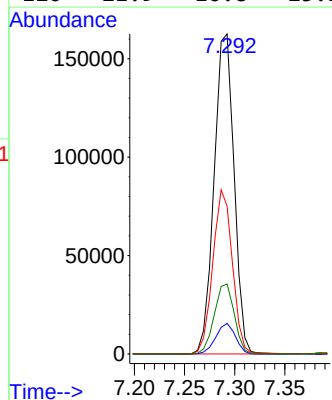
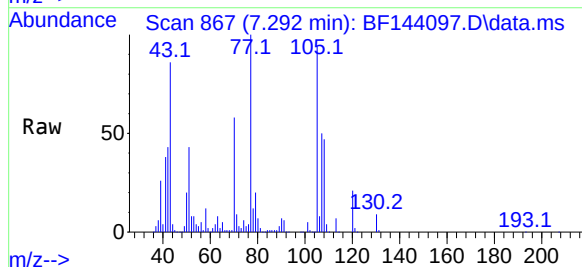
Ion Ratio Lower Upper

105 100

71 9.6 6.9 10.3

51 46.2 40.6 60.8

120 21.9 16.8 25.2



Abundance Scan 892 (7.439 min): BF144060.D\data.ms (-88

#23

Nitrobenzene-d5

Concen: 81.285 ng

RT: 7.445 min Scan# 892

Delta R.T. 0.006 min

Lab File: BF144097.D

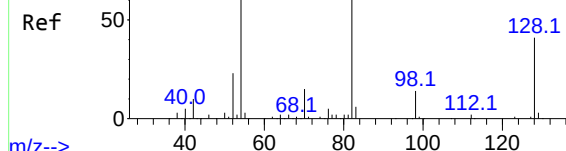
Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



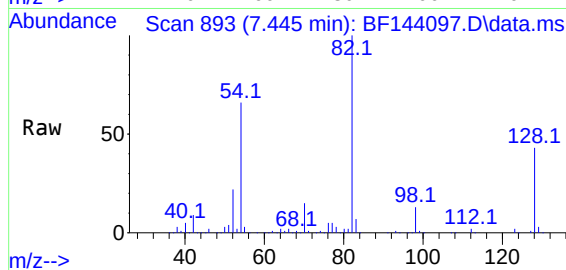
Tgt Ion: 82 Resp: 371128

Ion Ratio Lower Upper

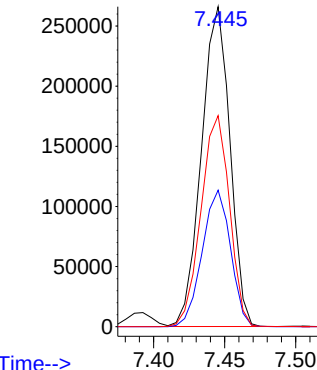
82 100

128 42.6 32.4 48.6

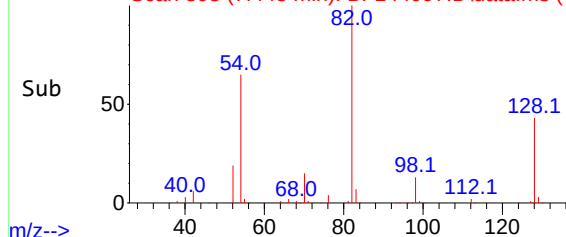
54 66.0 54.0 81.0



Abundance



Abundance Scan 893 (7.445 min): BF144097.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF144060.D\data.ms (-88

#24

Nitrobenzene

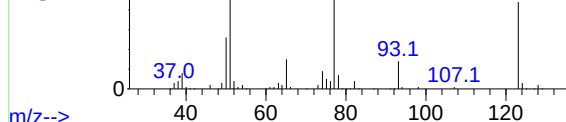
Concen: 42.287 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17



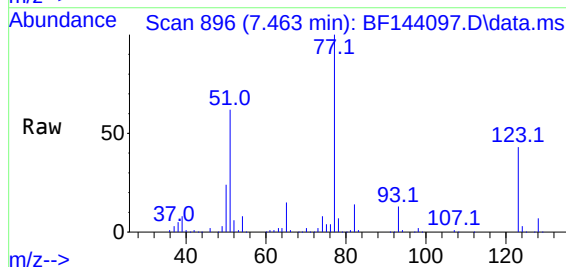
Tgt Ion: 77 Resp: 204243

Ion Ratio Lower Upper

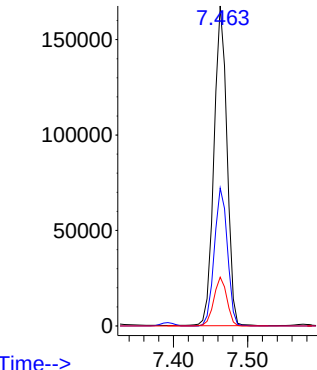
77 100

123 43.1 35.0 52.6

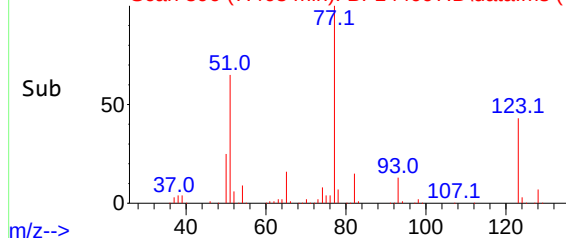
65 15.3 12.2 18.2

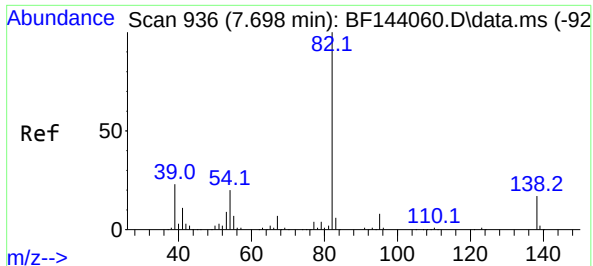


Abundance



Abundance Scan 896 (7.463 min): BF144097.D\data.ms (-84





#25

Isophorone

Concen: 44.766 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

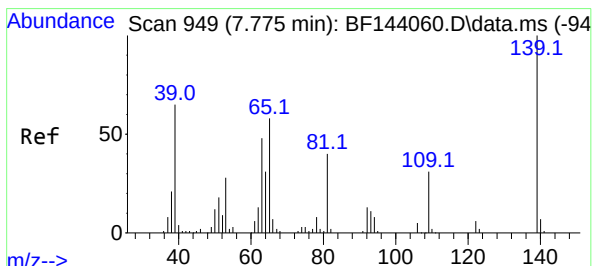
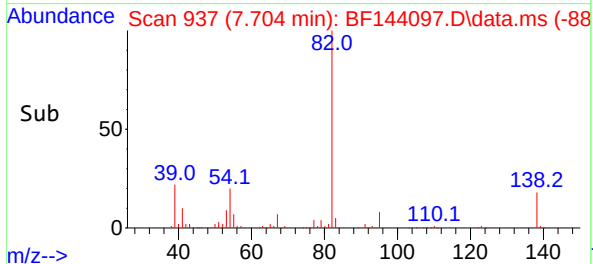
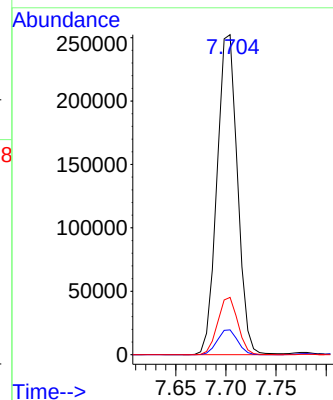
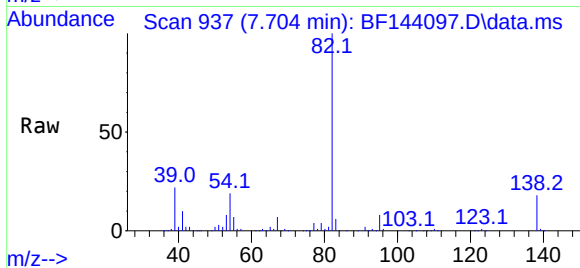
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 357344

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.6	9.8
138	17.9	13.8	20.8



#26

2-Nitrophenol

Concen: 44.191 ng

RT: 7.781 min Scan# 950

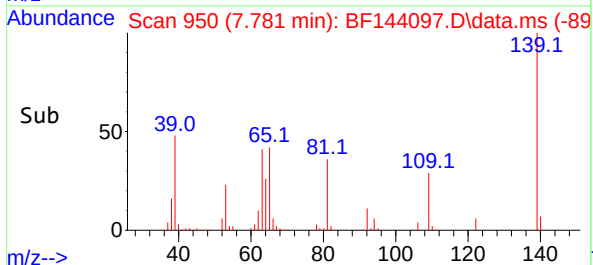
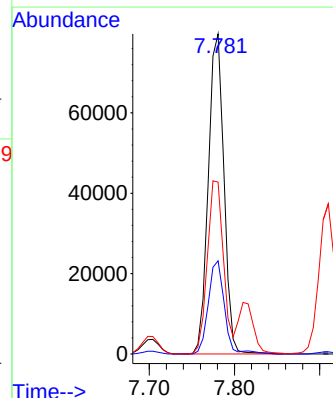
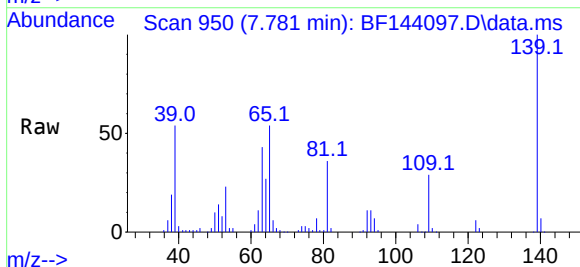
Delta R.T. 0.006 min

Lab File: BF144097.D

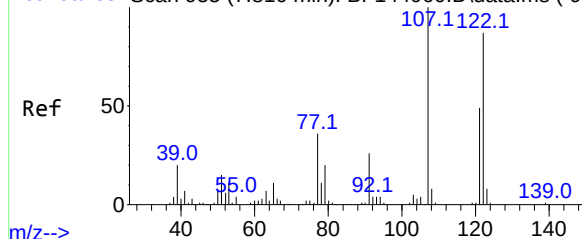
Acq: 28 Oct 2025 13:17

Tgt Ion: 139 Resp: 101537

Ion	Ratio	Lower	Upper
139	100		
109	29.1	24.6	37.0
65	53.7	46.6	69.8



Abundance Scan 955 (7.810 min): BF144060.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 44.467 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 151833

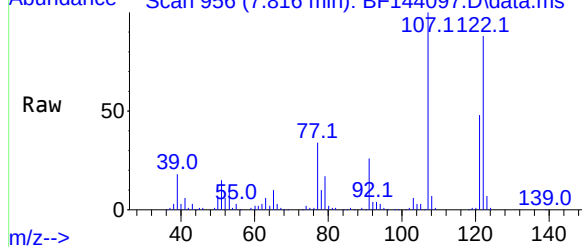
Ion Ratio Lower Upper

122 100

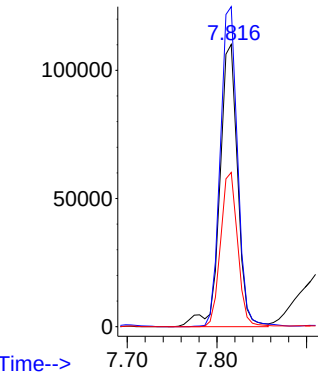
107 113.4 91.8 137.8

121 54.7 45.2 67.8

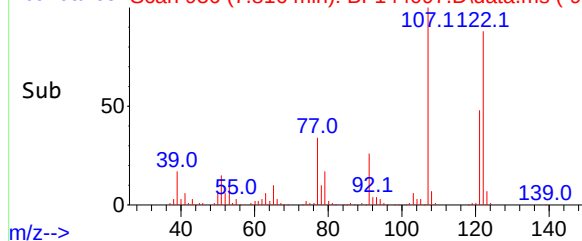
m/z--> Abundance Scan 956 (7.816 min): BF144097.D\data.ms



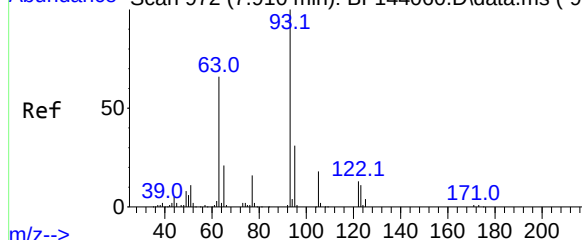
Abundance



m/z--> Abundance Scan 956 (7.816 min): BF144097.D\data.ms (-90



Abundance Scan 972 (7.910 min): BF144060.D\data.ms (-96



#28

bis(2-Chloroethoxy)methane

Concen: 44.670 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion: 93 Resp: 222369

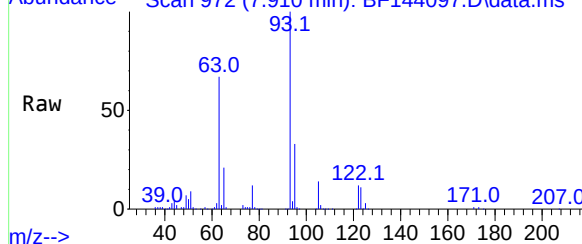
Ion Ratio Lower Upper

93 100

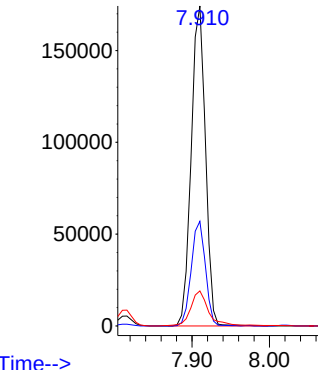
95 32.7 24.6 36.8

123 10.9 9.1 13.7

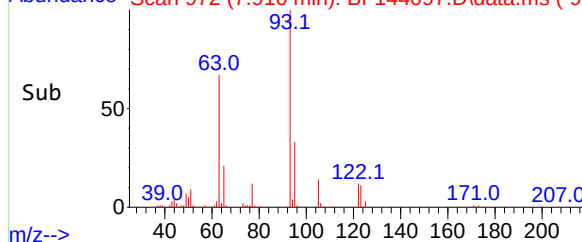
m/z--> Abundance Scan 972 (7.910 min): BF144097.D\data.ms



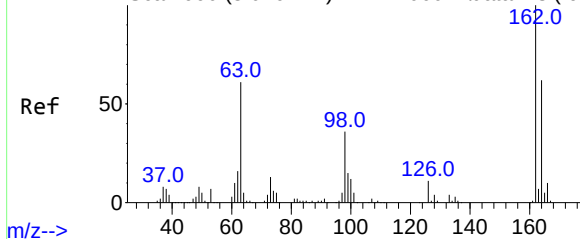
Abundance



m/z--> Abundance Scan 972 (7.910 min): BF144097.D\data.ms (-92



Abundance Scan 990 (8.016 min): BF144060.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 42.625 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 169254

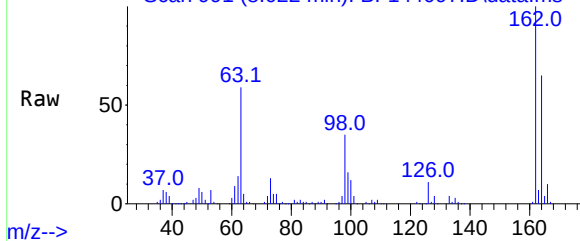
Ion Ratio Lower Upper

162 100

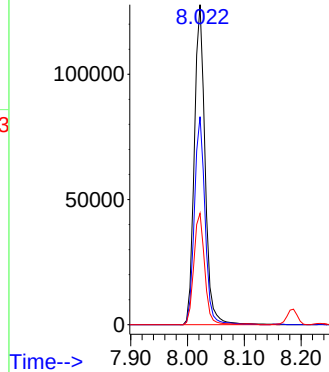
164 65.0 42.1 82.1

98 34.8 16.0 56.0

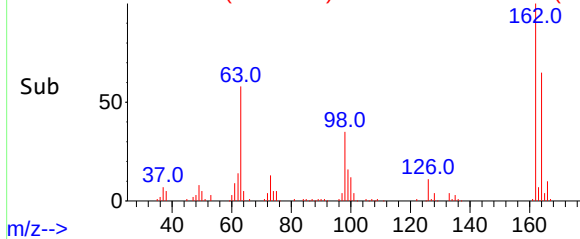
Abundance Scan 991 (8.022 min): BF144097.D\data.ms



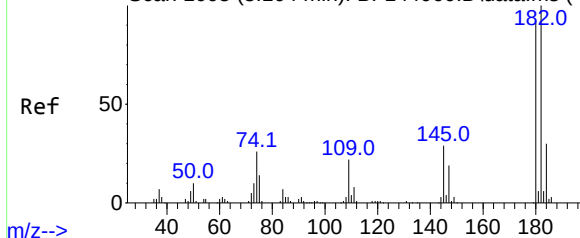
Abundance



Abundance Scan 991 (8.022 min): BF144097.D\data.ms (-93



Abundance Scan 1005 (8.104 min): BF144060.D\data.ms (-9



#30

1,2,4-Trichlorobenzene

Concen: 42.262 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:180 Resp: 172640

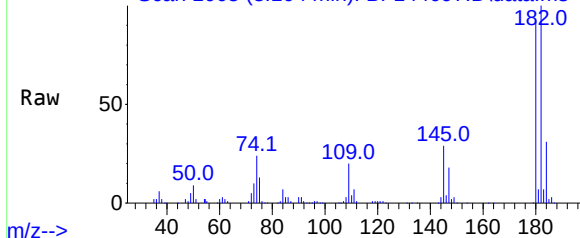
Ion Ratio Lower Upper

180 100

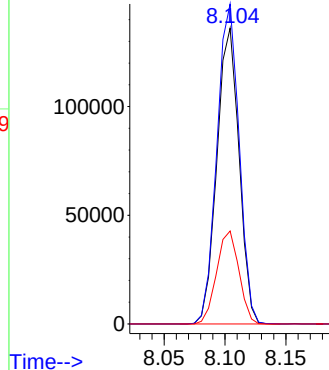
182 108.2 87.1 130.7

145 31.4 25.3 37.9

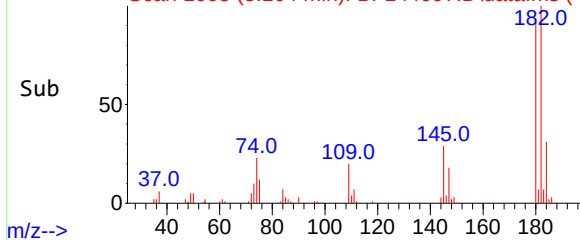
Abundance Scan 1005 (8.104 min): BF144097.D\data.ms

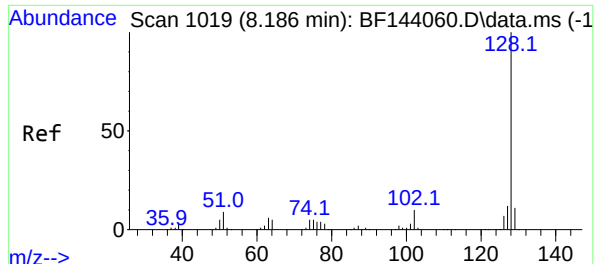


Abundance



Abundance Scan 1005 (8.104 min): BF144097.D\data.ms (-9





#31

Naphthalene

Concen: 41.811 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

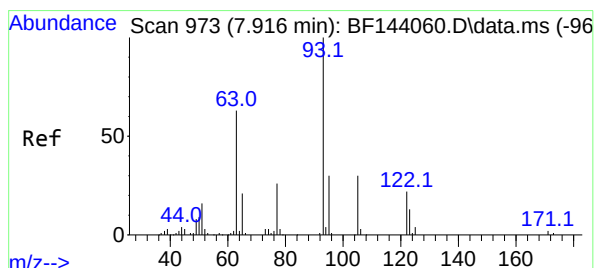
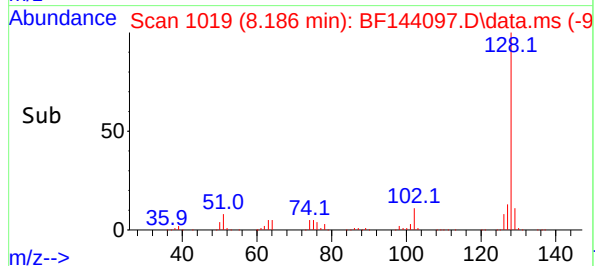
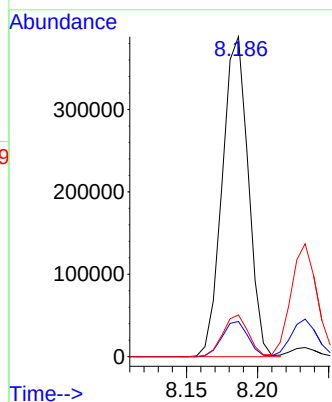
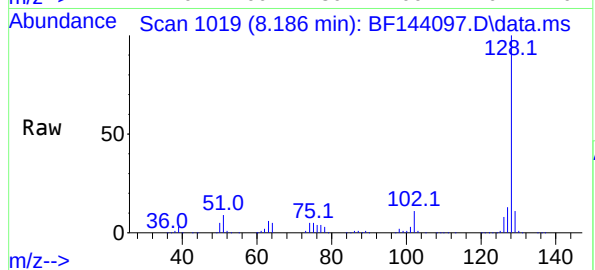
Tgt Ion:128 Resp: 493628

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.0 9.9 14.9



#32

Benzoic acid

Concen: 53.198 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.018 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

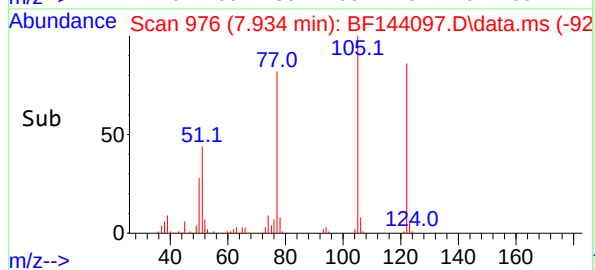
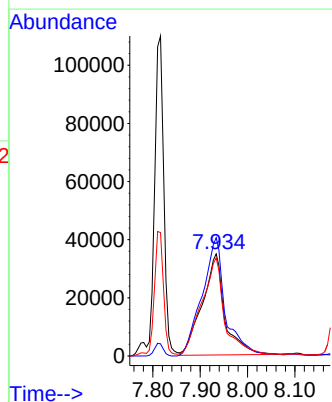
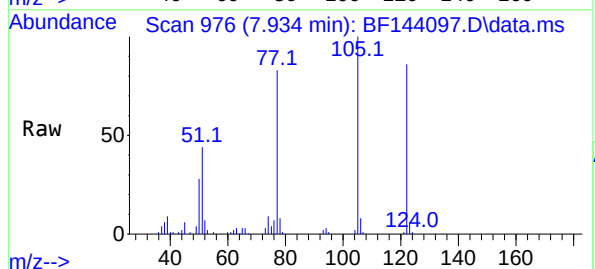
Tgt Ion:122 Resp: 115219

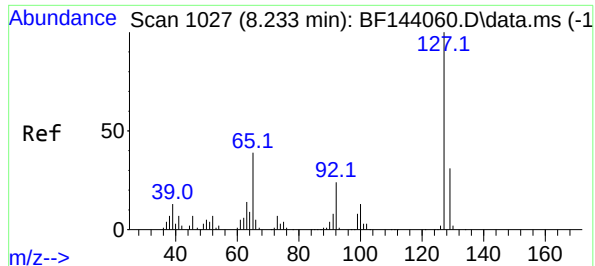
Ion Ratio Lower Upper

122 100

105 115.8 111.3 151.3

77 96.1 96.7 136.7#



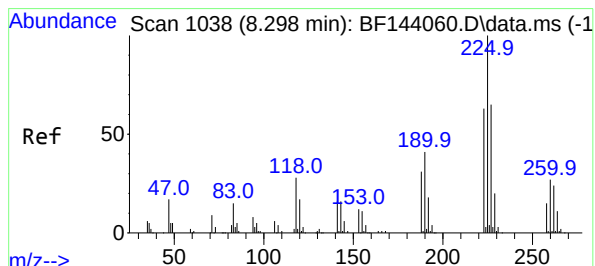
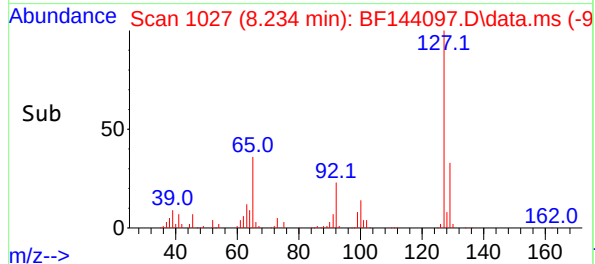
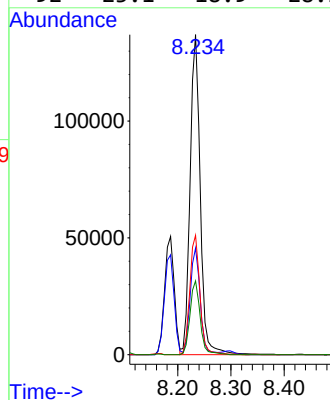
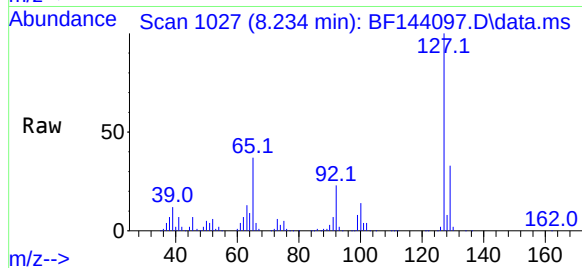


#33
4-Chloroaniline
Concen: 44.308 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 182107

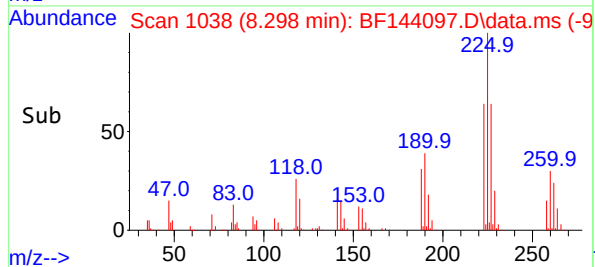
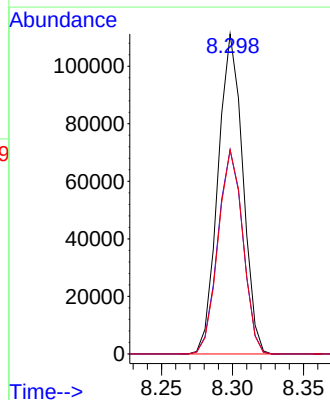
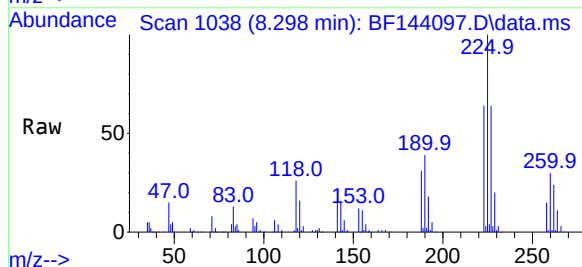
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.6	38.4
65	37.3	30.9	46.3
92	23.1	18.9	28.3

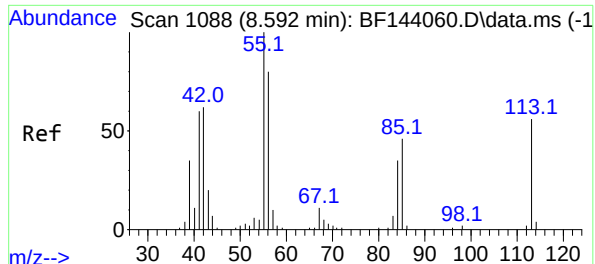


#34
Hexachlorobutadiene
Concen: 40.361 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:225 Resp: 134816

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.8	51.8	77.8

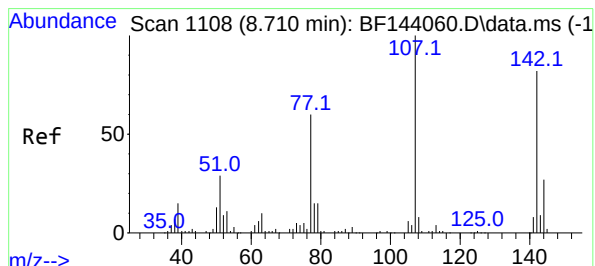
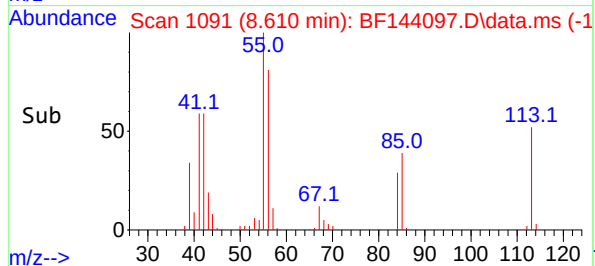
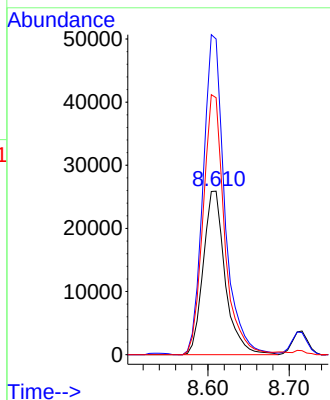
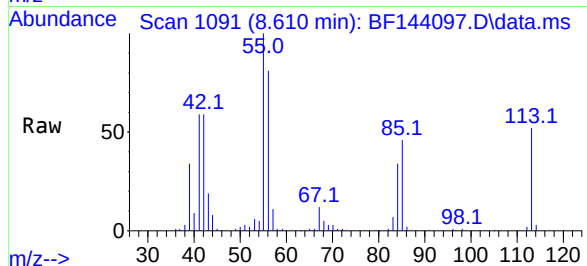




#35
Caprolactam
Concen: 48.802 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.018 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

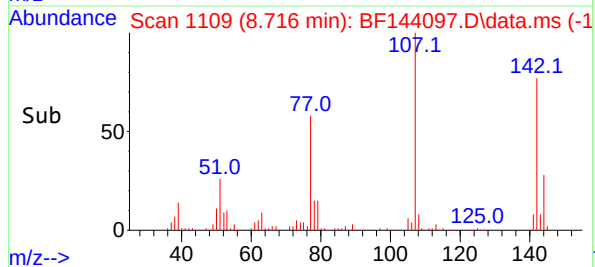
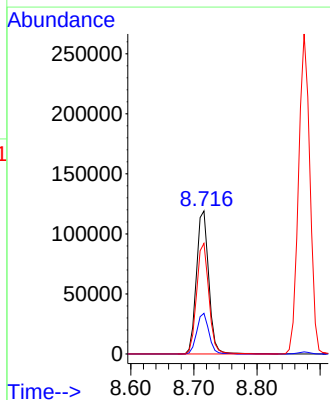
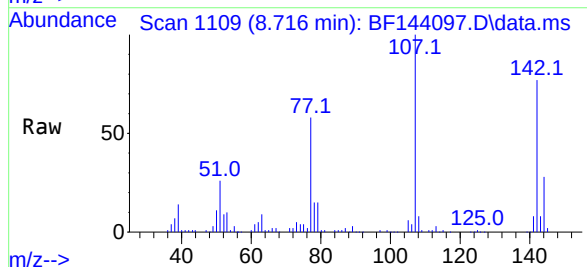
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

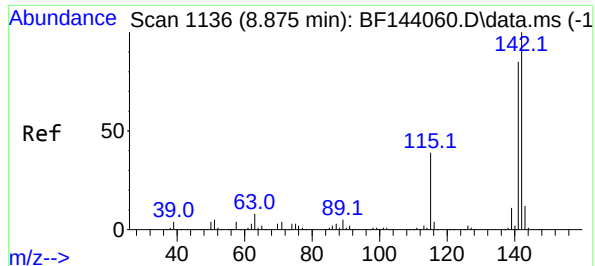
Tgt Ion:113 Resp: 48594
Ion Ratio Lower Upper
113 100
55 193.0 160.1 200.1
56 157.1 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 46.014 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:107 Resp: 161239
Ion Ratio Lower Upper
107 100
144 28.4 21.6 32.4
142 77.3 65.4 98.0





#37

2-Methylnaphthalene

Concen: 42.835 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

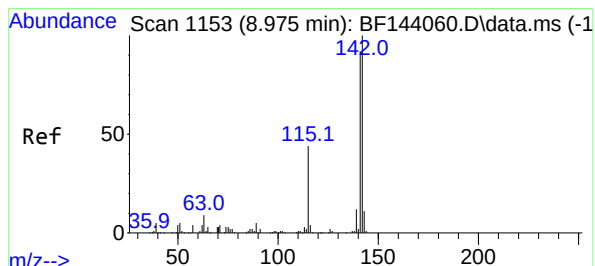
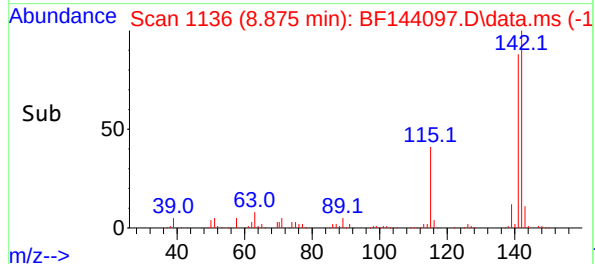
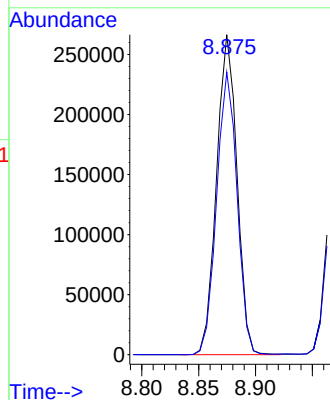
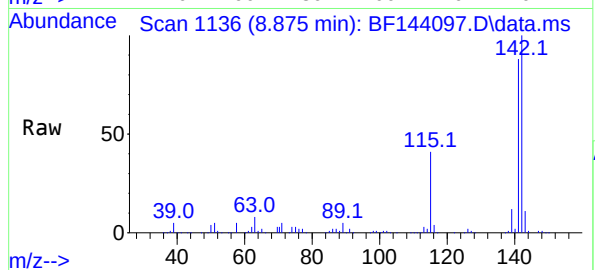
SSTDCCC040

Tgt Ion:142 Resp: 333422

Ion Ratio Lower Upper

142 100

141 88.3 67.6 101.4



#38

1-Methylnaphthalene

Concen: 43.513 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144097.D

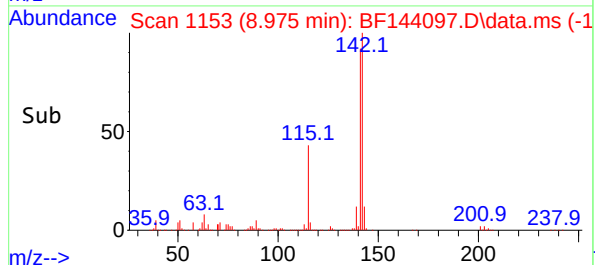
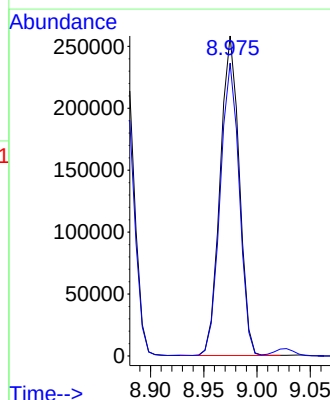
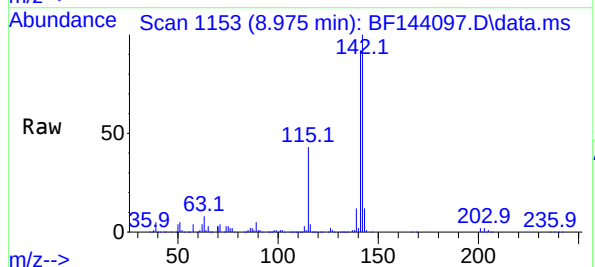
Acq: 28 Oct 2025 13:17

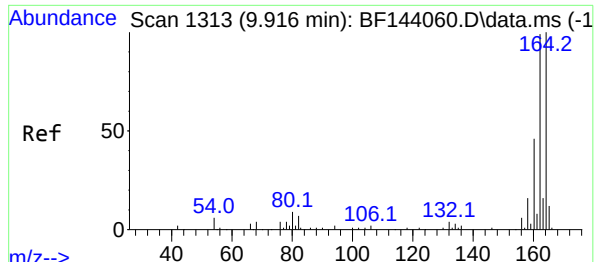
Tgt Ion:142 Resp: 320892

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

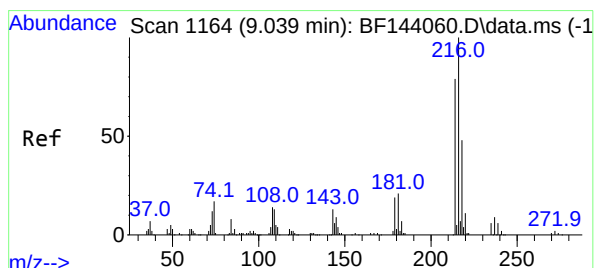
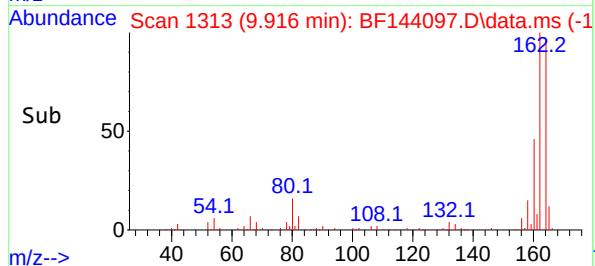
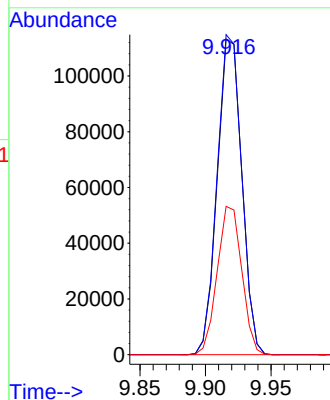
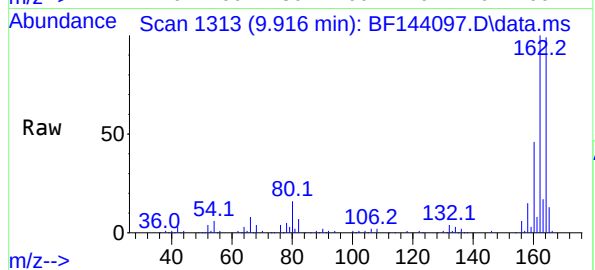
Tgt Ion:164 Resp: 147935

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

160 47.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.859 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:216 Resp: 197569

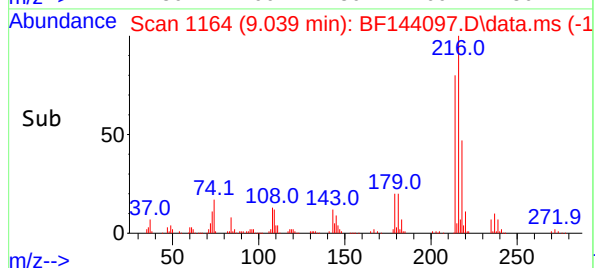
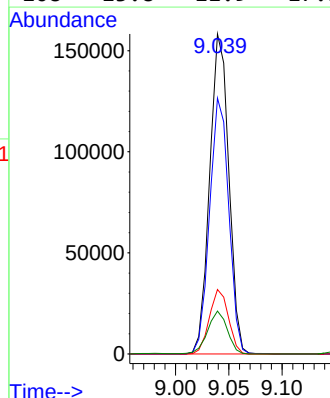
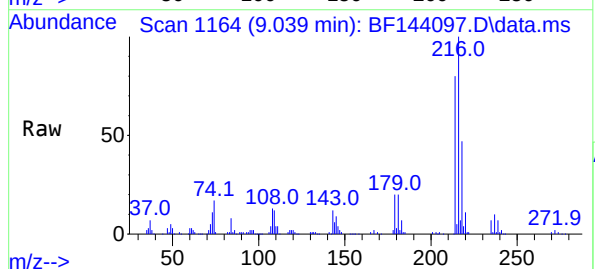
Ion Ratio Lower Upper

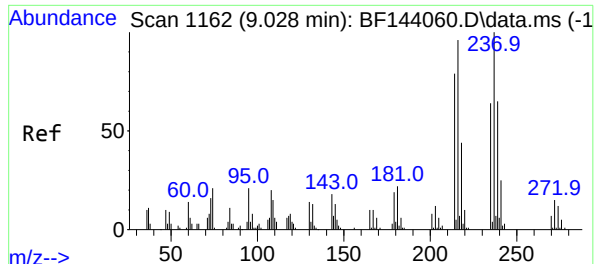
216 100

214 80.2 63.2 94.8

179 20.0 15.2 22.8

108 13.8 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 44.760 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

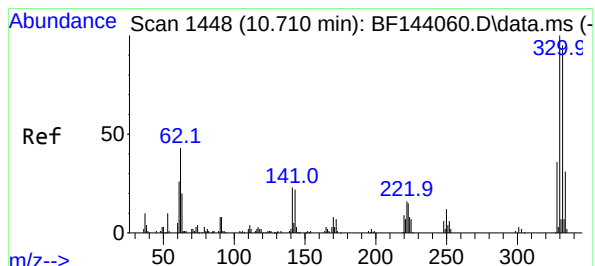
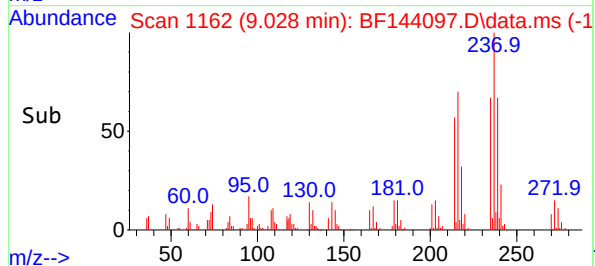
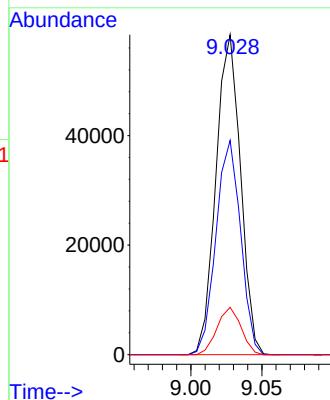
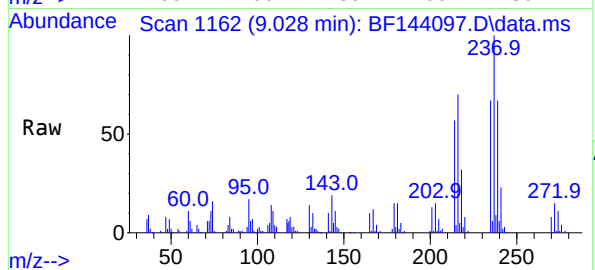
Tgt Ion:237 Resp: 70289

Ion Ratio Lower Upper

237 100

235 66.9 44.3 84.3

272 14.8 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 90.002 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

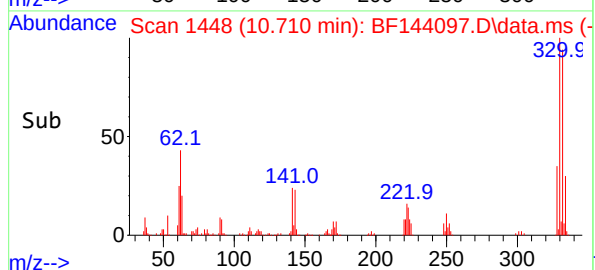
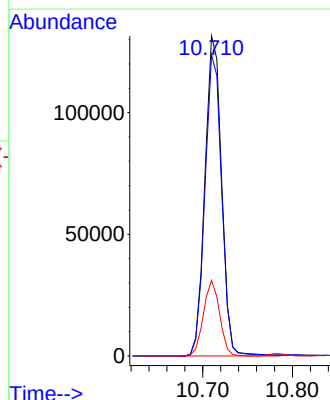
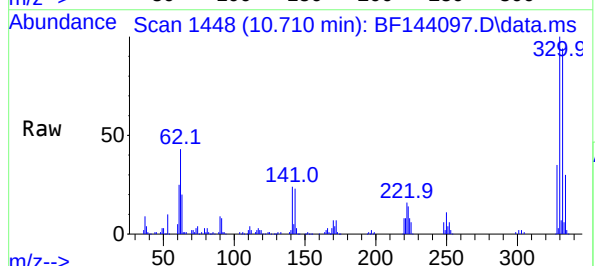
Tgt Ion:330 Resp: 169601

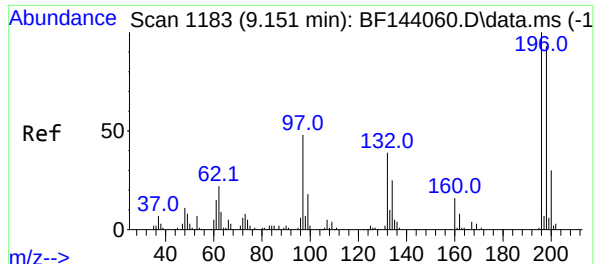
Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

141 22.8 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 42.418 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

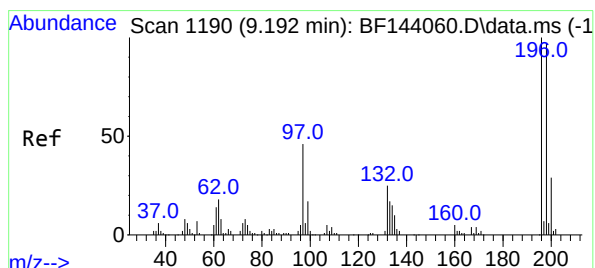
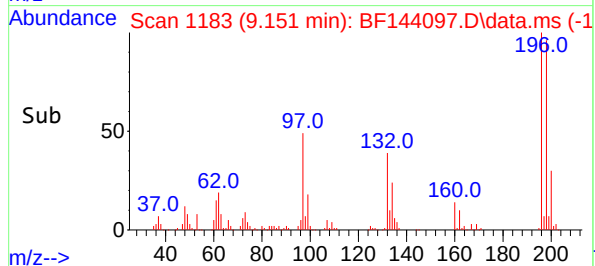
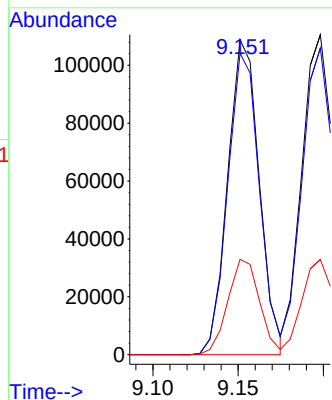
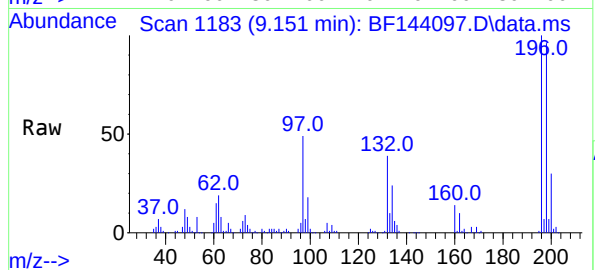
Tgt Ion:196 Resp: 140181

Ion Ratio Lower Upper

196 100

198 95.6 74.4 111.6

200 30.2 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 44.519 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:196 Resp: 154404

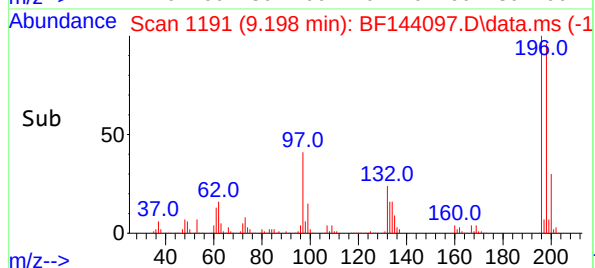
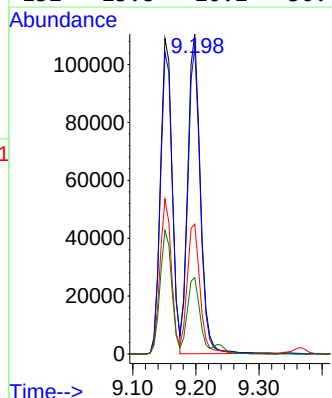
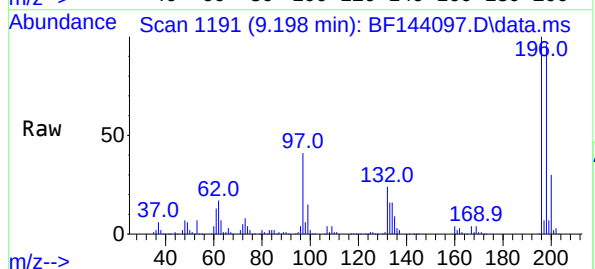
Ion Ratio Lower Upper

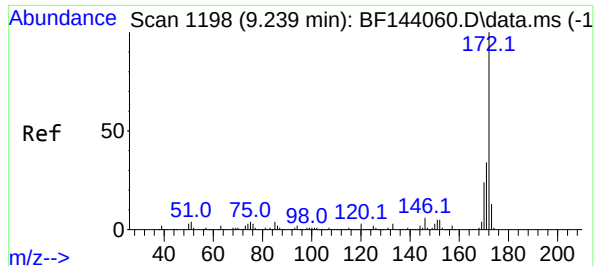
196 100

198 95.9 78.0 117.0

97 40.6 37.7 56.5

132 23.8 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 77.635 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

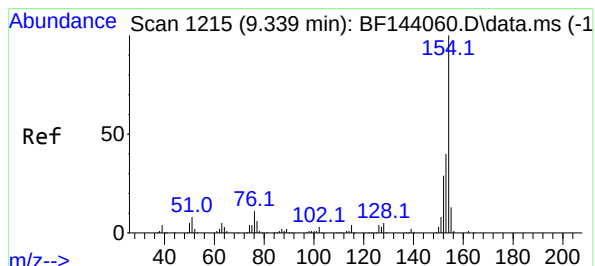
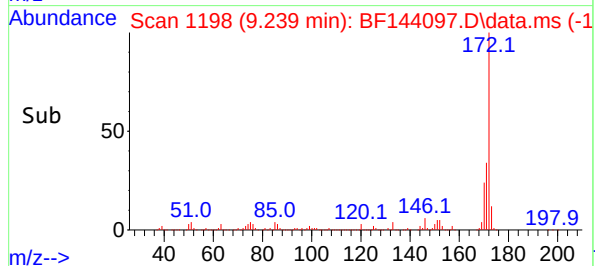
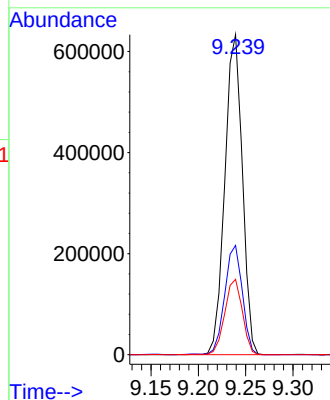
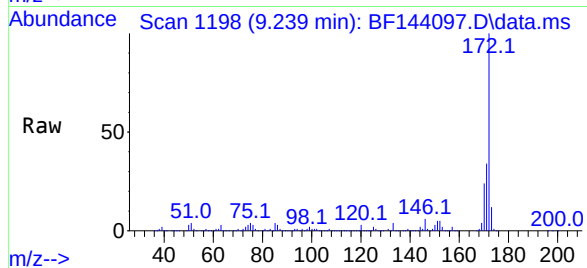
Tgt Ion:172 Resp: 816145

Ion Ratio Lower Upper

172 100

171 34.2 27.5 41.3

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.873 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

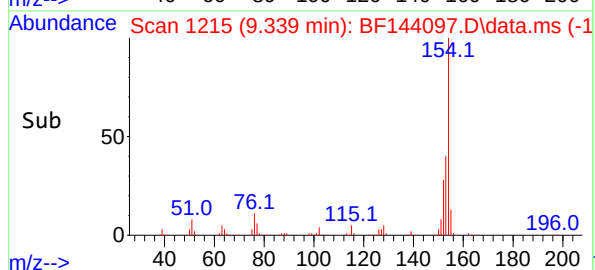
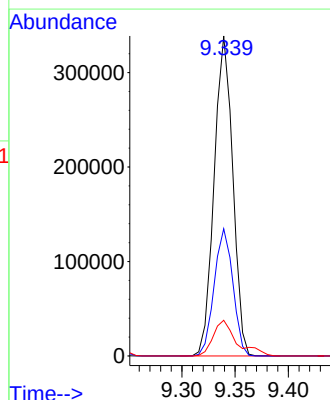
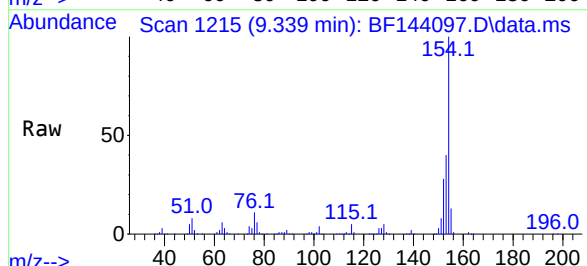
Tgt Ion:154 Resp: 411658

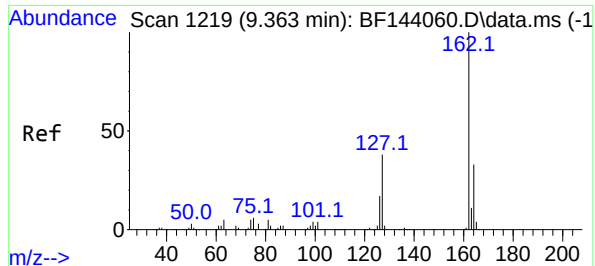
Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.627 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

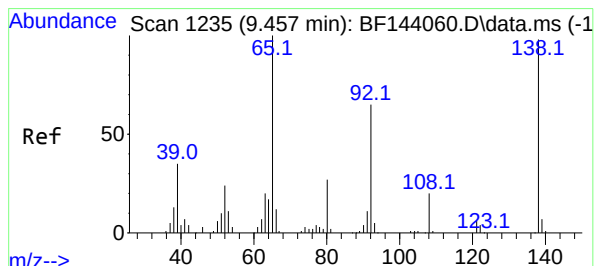
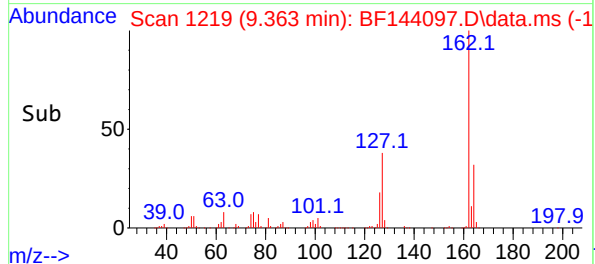
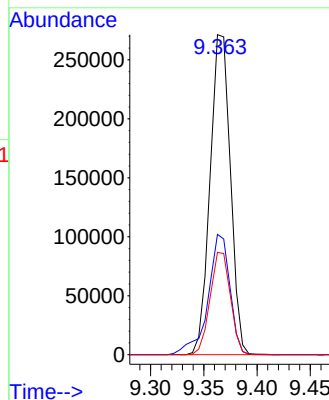
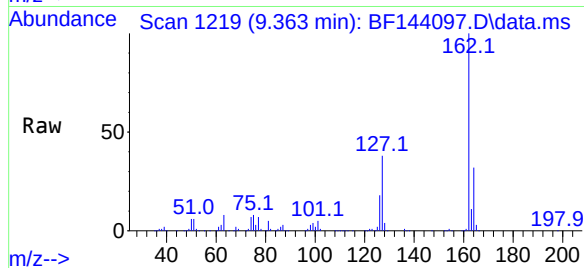
Tgt Ion:162 Resp: 360439

Ion Ratio Lower Upper

162 100

127 37.6 31.6 47.4

164 32.0 26.5 39.7



#48

2-Nitroaniline

Concen: 43.622 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

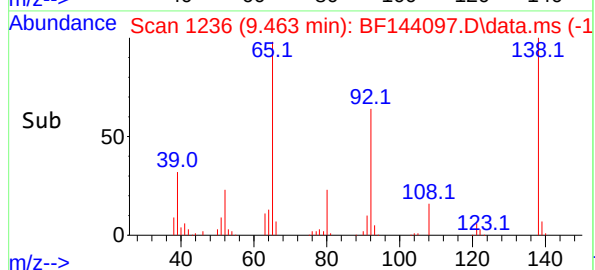
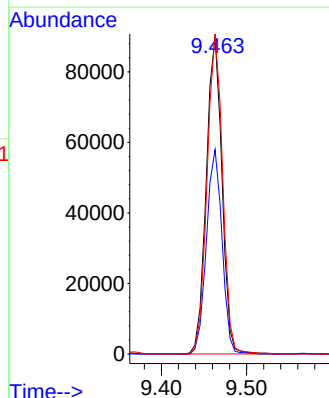
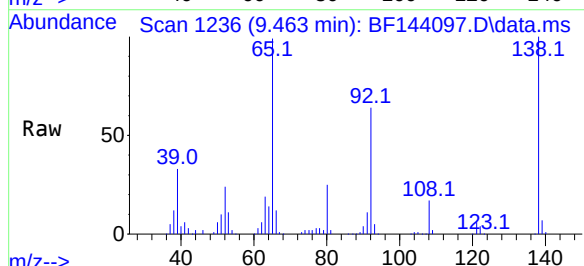
Tgt Ion: 65 Resp: 114922

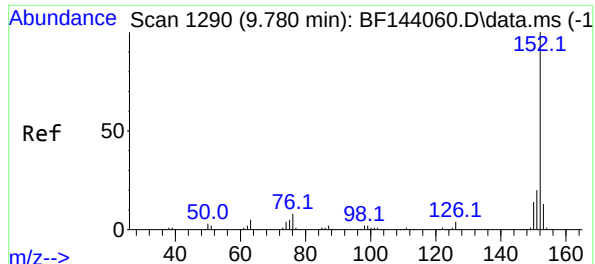
Ion Ratio Lower Upper

65 100

92 64.5 52.3 78.5

138 101.0 78.3 117.5





#49

Acenaphthylene

Concen: 41.661 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

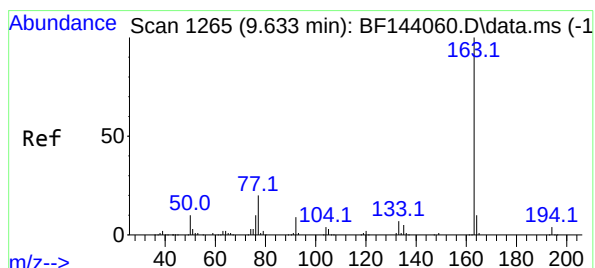
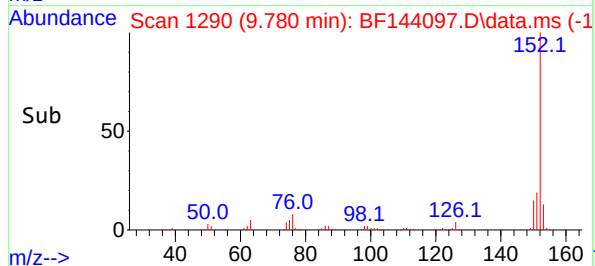
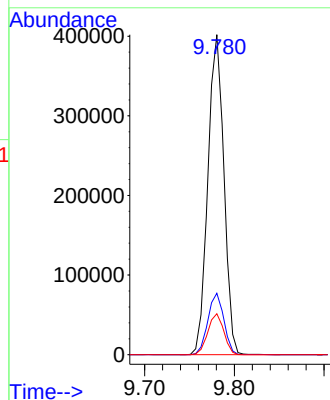
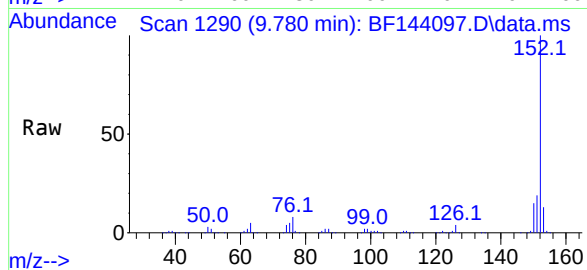
Tgt Ion:152 Resp: 498378

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 43.685 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

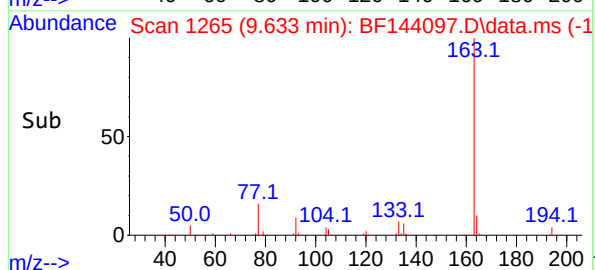
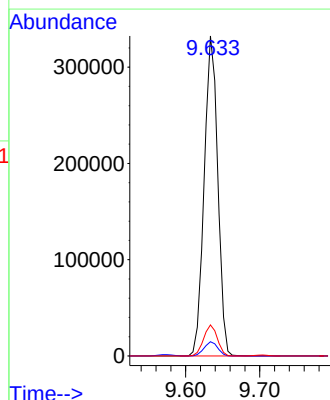
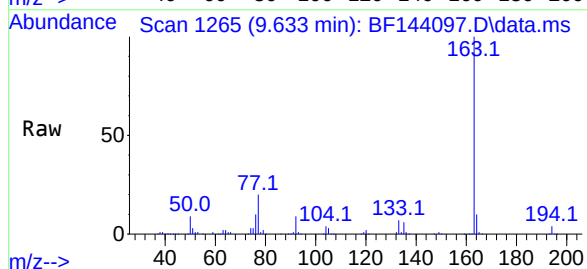
Tgt Ion:163 Resp: 423610

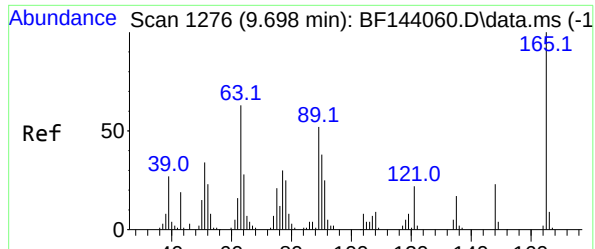
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 9.7 7.8 11.8

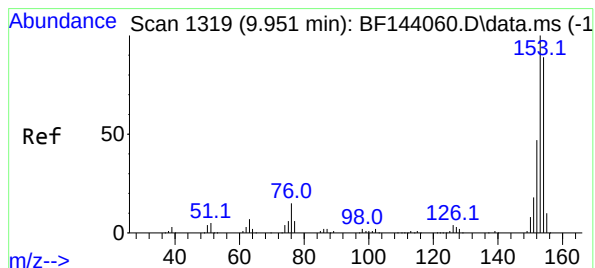
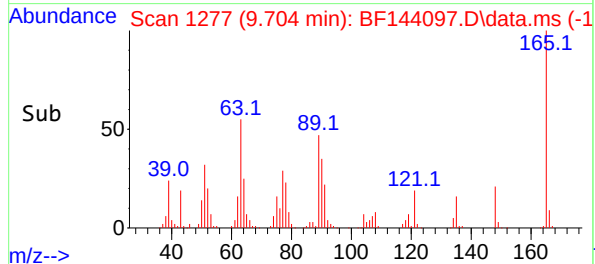
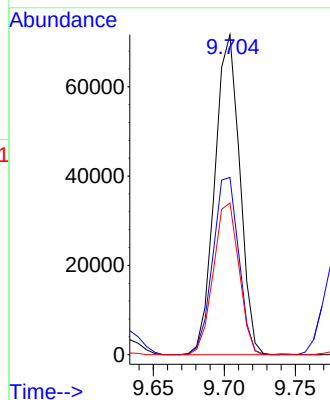
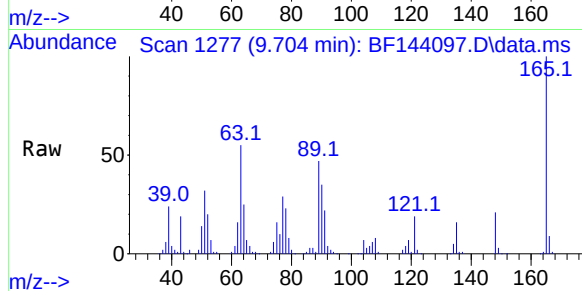




#51
2,6-Dinitrotoluene
Concen: 45.846 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

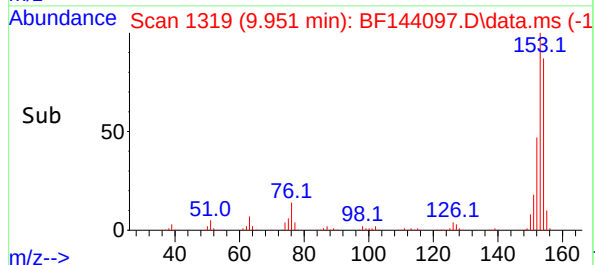
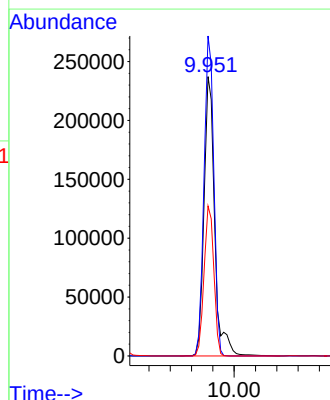
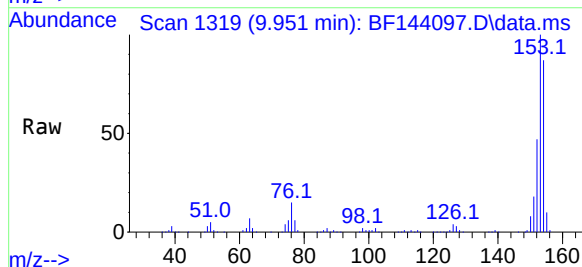
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

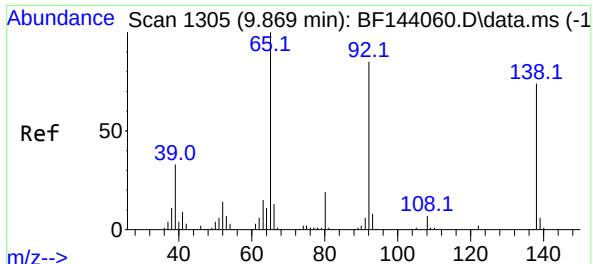
Tgt Ion:165 Resp: 87885
Ion Ratio Lower Upper
165 100
63 55.4 50.4 75.6
89 47.4 41.4 62.2



#52
Acenaphthene
Concen: 41.127 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:154 Resp: 328569
Ion Ratio Lower Upper
154 100
153 114.5 89.9 134.9
152 53.7 42.0 63.0





#53

3-Nitroaniline

Concen: 45.229 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

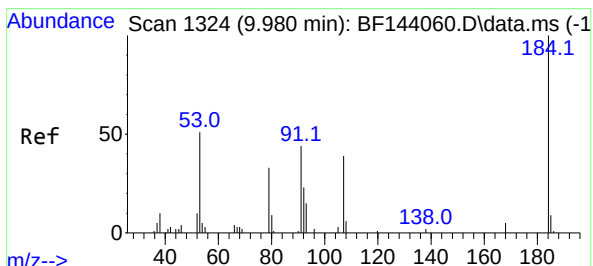
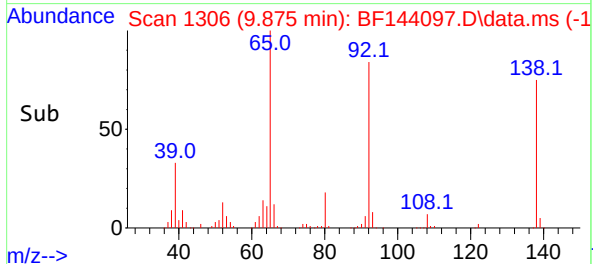
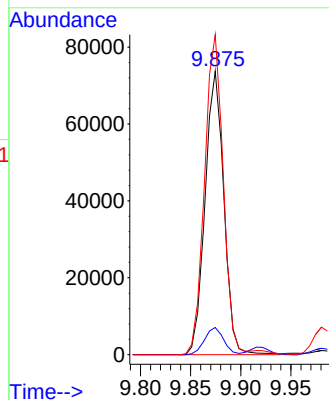
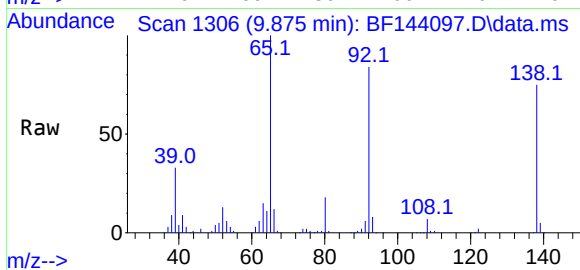
Tgt Ion:138 Resp: 96397

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

92 112.9 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 47.423 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

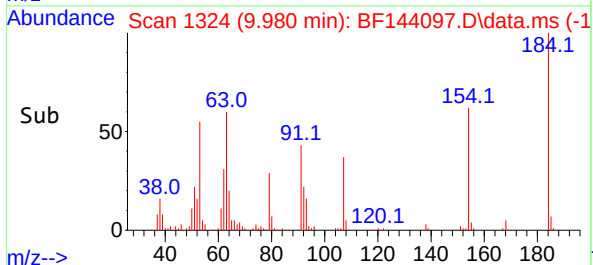
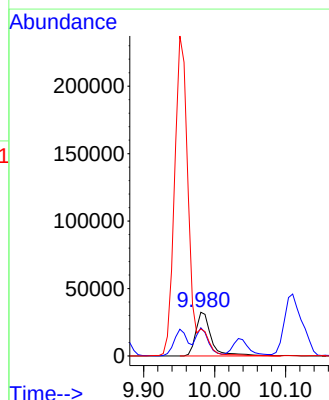
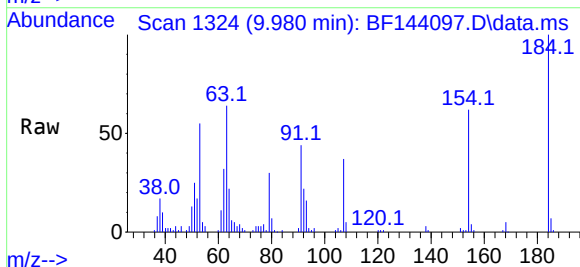
Tgt Ion:184 Resp: 49169

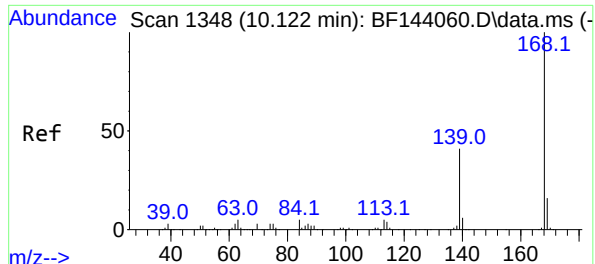
Ion Ratio Lower Upper

184 100

63 64.4 52.1 78.1

154 61.9 47.9 71.9





#55

Dibenzenofuran

Concen: 41.757 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

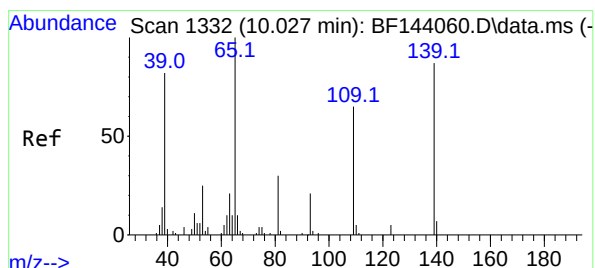
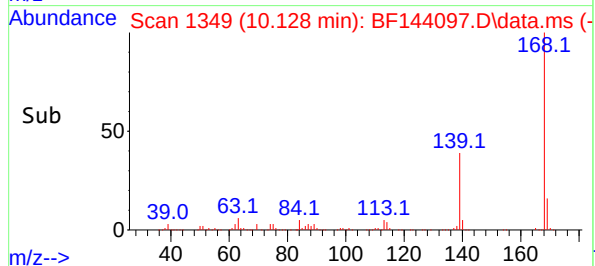
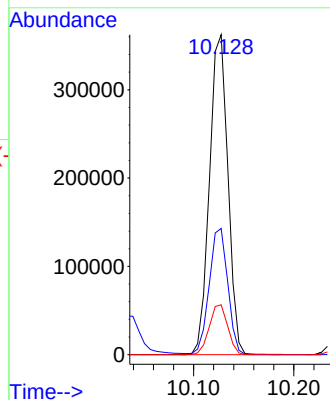
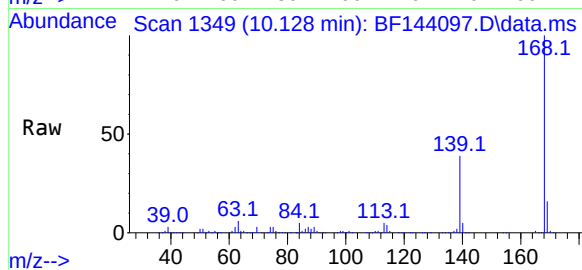
Tgt Ion:168 Resp: 463130

Ion Ratio Lower Upper

168 100

139 39.4 33.2 49.8

169 15.6 12.6 19.0



#56

4-Nitrophenol

Concen: 45.329 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

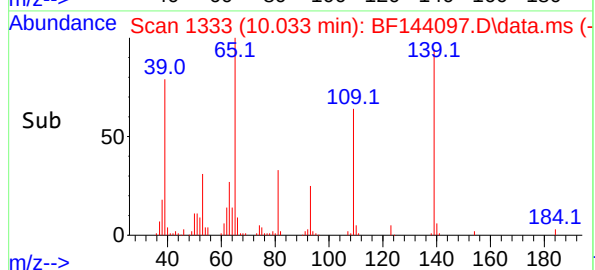
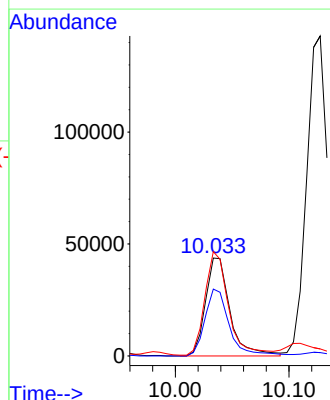
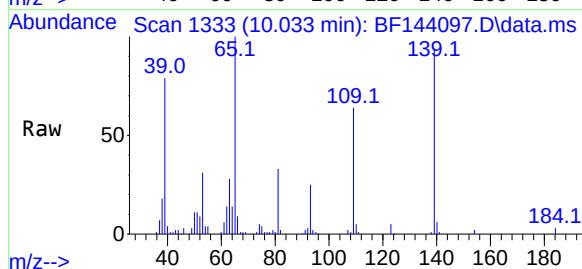
Tgt Ion:139 Resp: 65421

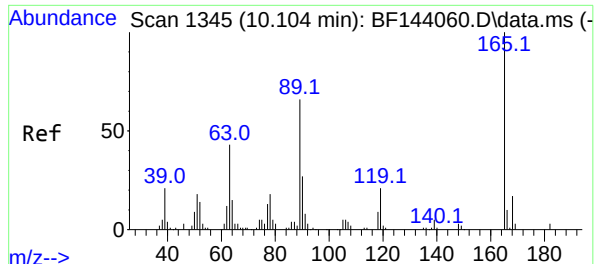
Ion Ratio Lower Upper

139 100

109 68.3 53.8 93.8

65 106.5 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 46.505 ng

RT: 10.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 120319

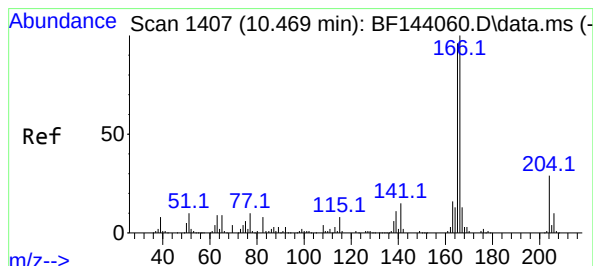
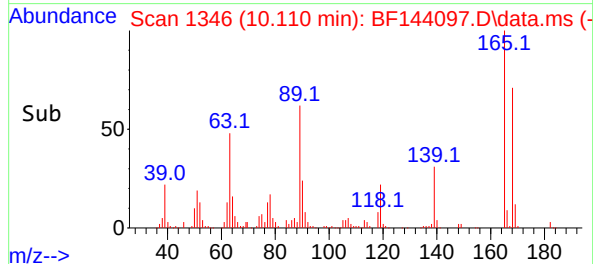
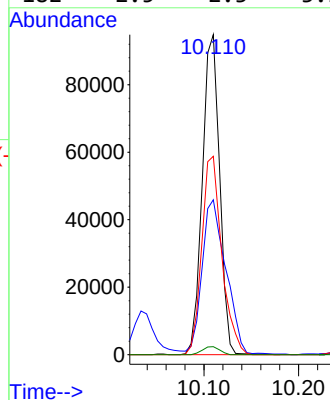
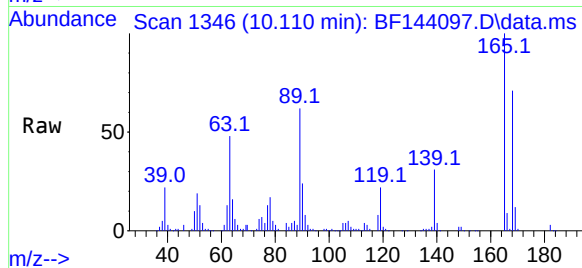
Ion Ratio Lower Upper

165 100

63 48.4 35.4 53.2

89 62.0 52.7 79.1

182 2.5 2.3 3.5



#58

Fluorene

Concen: 42.247 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

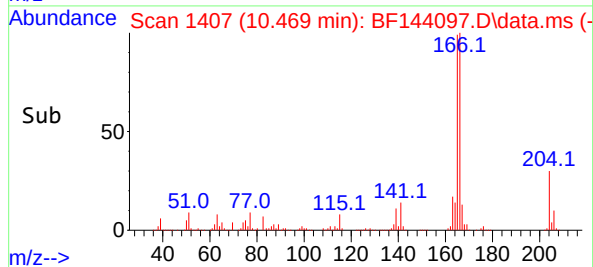
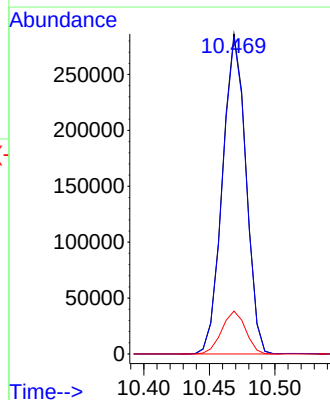
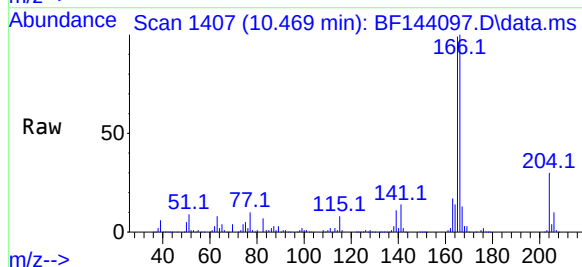
Tgt Ion:166 Resp: 357025

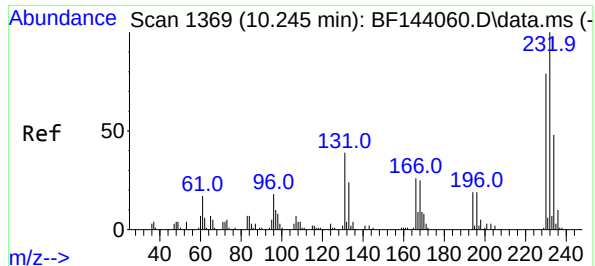
Ion Ratio Lower Upper

166 100

165 98.9 77.0 115.4

167 13.4 10.2 15.4

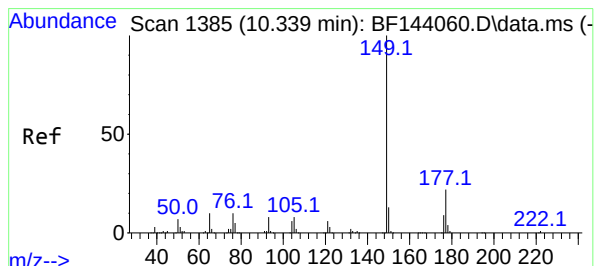
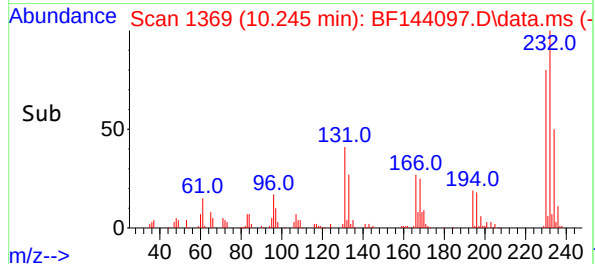
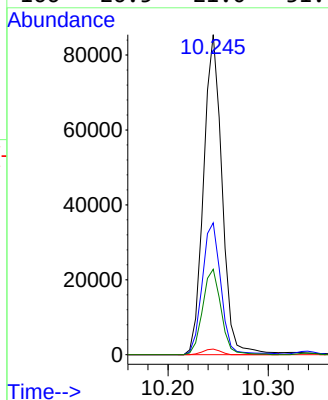
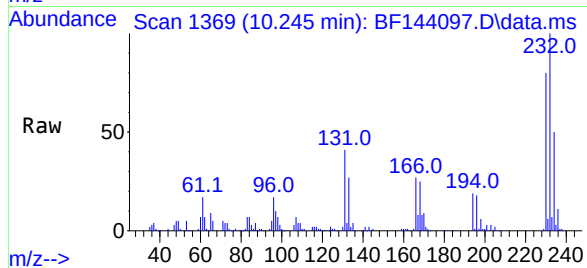




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.002 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

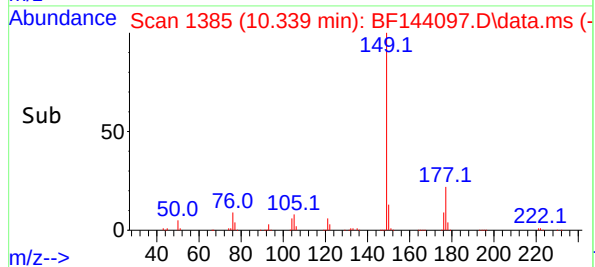
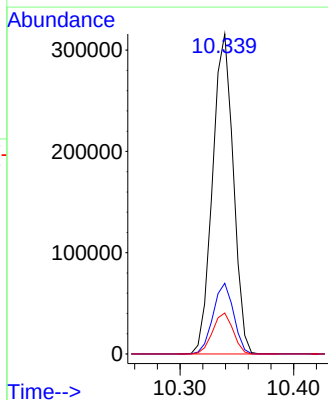
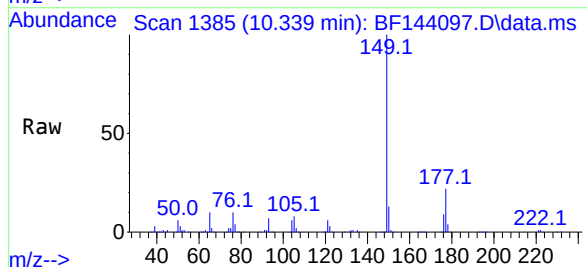
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

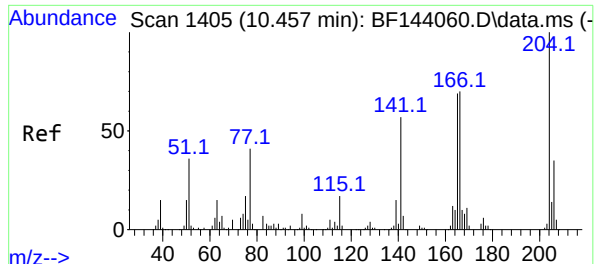
Tgt Ion:232 Resp: 109986
Ion Ratio Lower Upper
232 100
131 41.7 31.9 47.9
130 1.7 1.1 1.7
166 26.5 21.0 31.4



#60
Diethylphthalate
Concen: 43.974 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:149 Resp: 401002
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.8 10.1 15.1

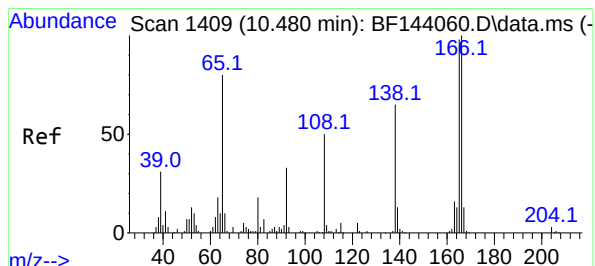
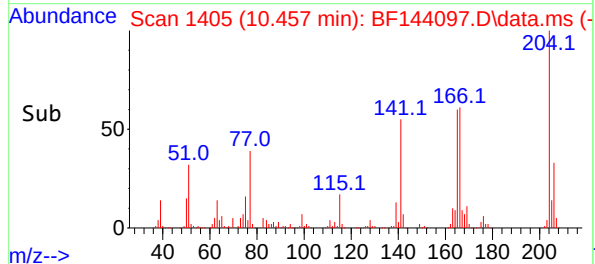
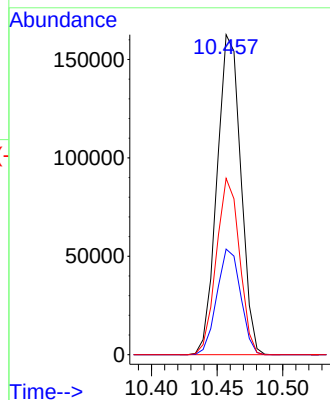
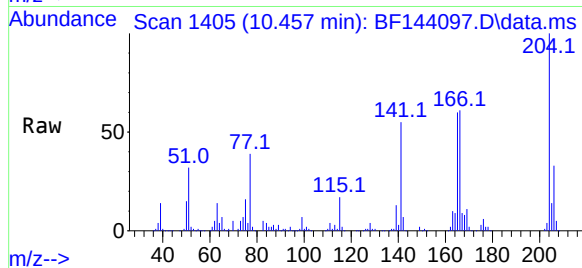




#61
4-Chlorophenyl-phenylether
Concen: 43.147 ng
RT: 10.457 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

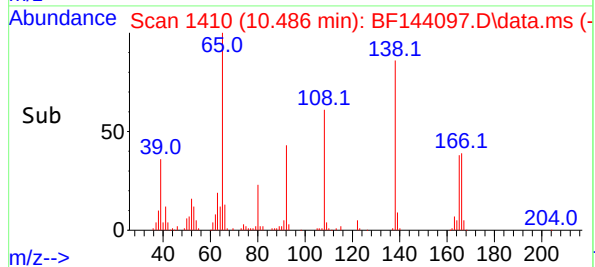
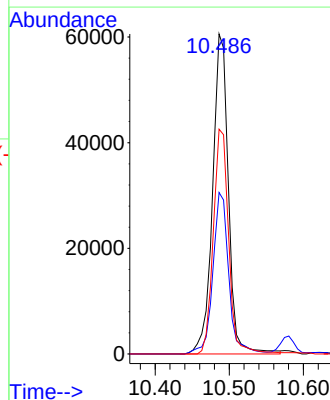
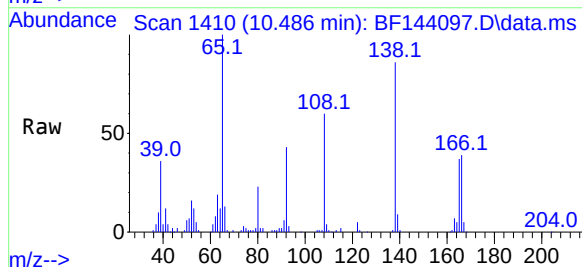
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

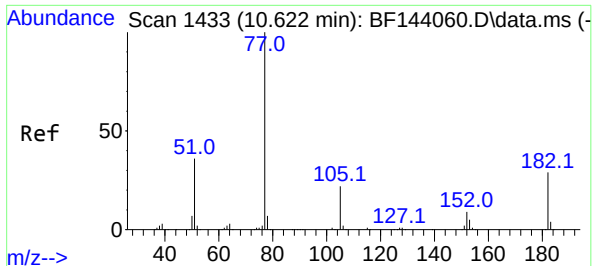
Tgt Ion:204 Resp: 205056
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.6
141 55.1 45.4 68.2



#62
4-Nitroaniline
Concen: 44.504 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:138 Resp: 89874
Ion Ratio Lower Upper
138 100
92 50.4 30.5 70.5
108 70.2 56.2 96.2

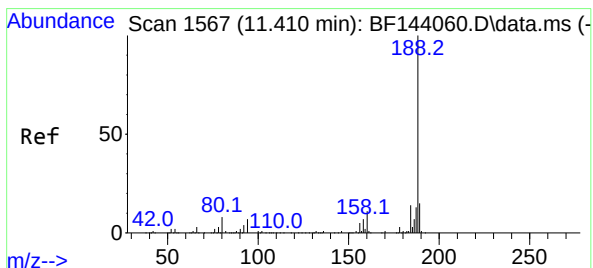
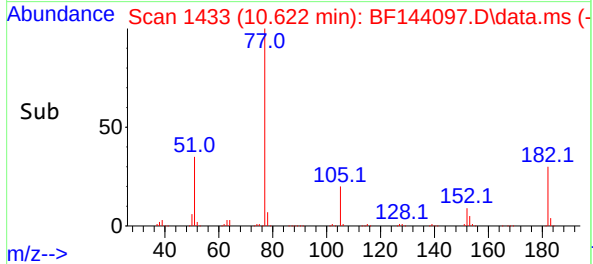
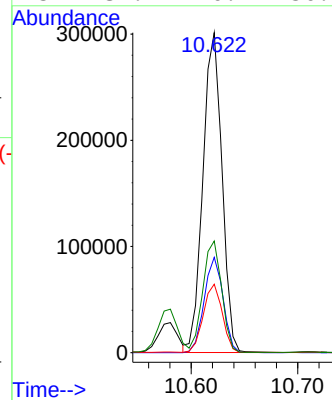
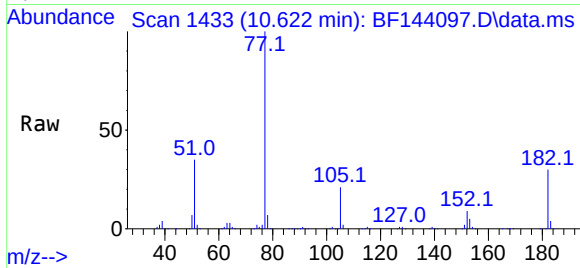




#63
Azobenzene
Concen: 43.581 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

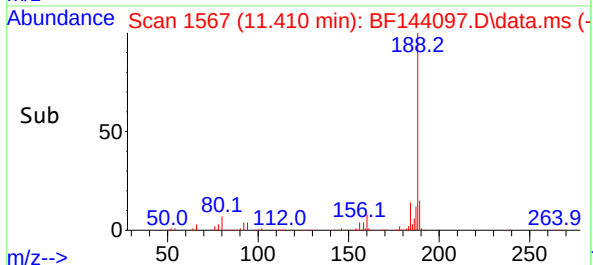
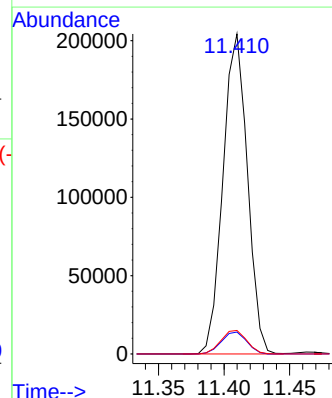
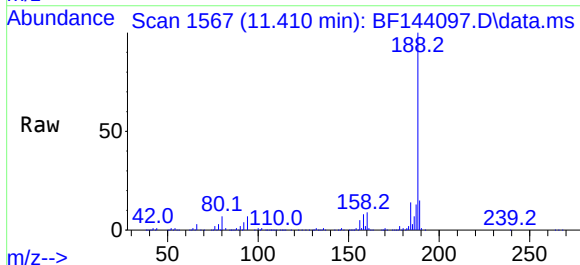
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77	Resp: 376152
Ion Ratio	Lower Upper
77 100	
182 29.8	9.0 49.0
105 21.4	1.4 41.4
51 34.9	16.9 56.9

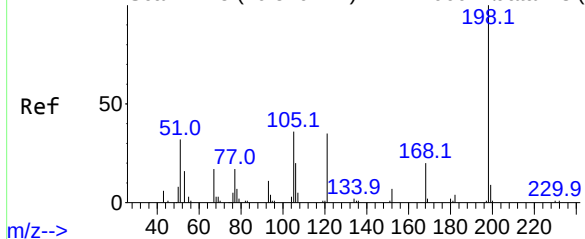


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:188	Resp: 264042
Ion Ratio	Lower Upper
188 100	
94 6.8	5.4 8.0
80 7.4	6.0 9.0

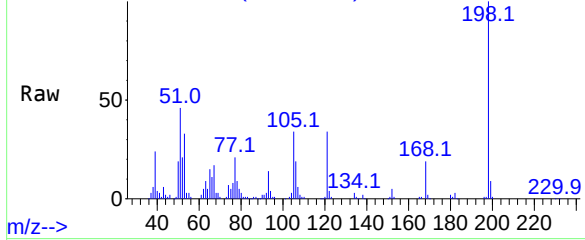


Abundance Scan 1415 (10.516 min): BF144060.D\data.ms (-



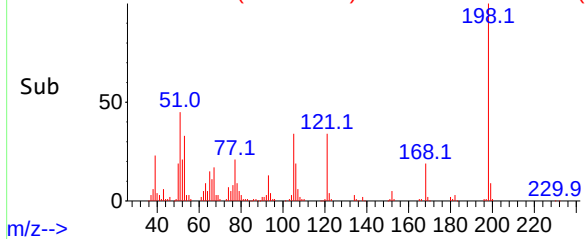
m/z-->

Abundance Scan 1416 (10.522 min): BF144097.D\data.ms (-



m/z-->

Abundance Scan 1416 (10.522 min): BF144097.D\data.ms (-



m/z-->

#65

4,6-Dinitro-2-methylphenol

Concen: 42.264 ng

RT: 10.522 min Scan# 1415

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 71598

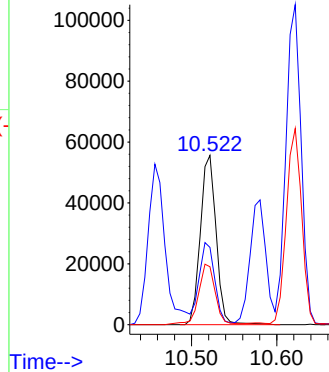
Ion Ratio Lower Upper

198 100

51 45.7 25.8 65.8

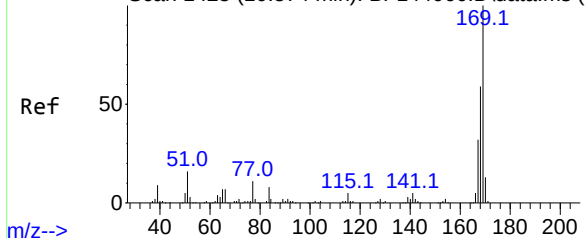
105 34.3 17.2 57.2

Abundance



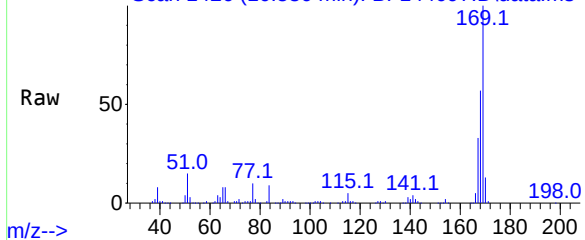
Time-->

Abundance Scan 1425 (10.574 min): BF144060.D\data.ms (-



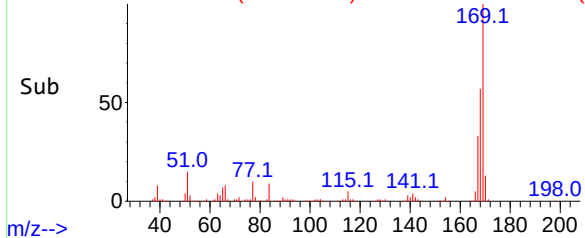
m/z-->

Abundance Scan 1426 (10.580 min): BF144097.D\data.ms (-



m/z-->

Abundance Scan 1426 (10.580 min): BF144097.D\data.ms (-



m/z-->

#66

n-Nitrosodiphenylamine

Concen: 40.864 ng

RT: 10.580 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Tgt Ion:169 Resp: 344740

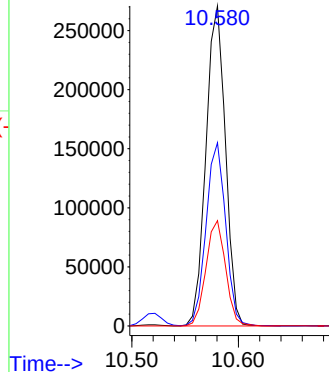
Ion Ratio Lower Upper

169 100

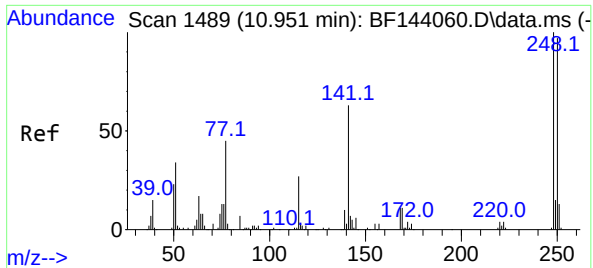
168 57.2 47.4 71.2

167 32.9 25.5 38.3

Abundance



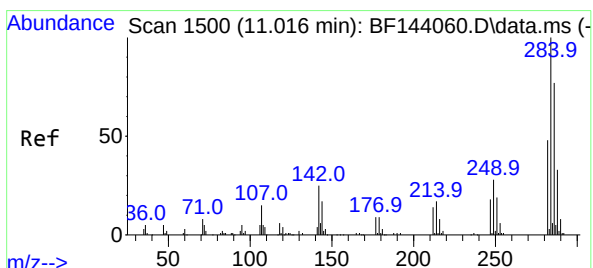
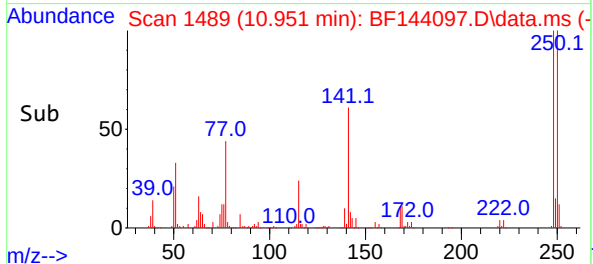
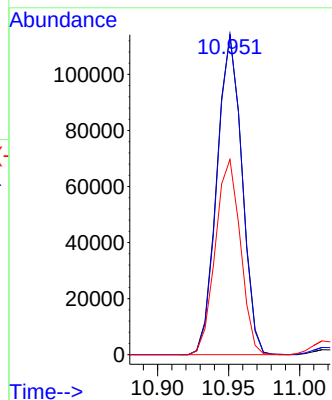
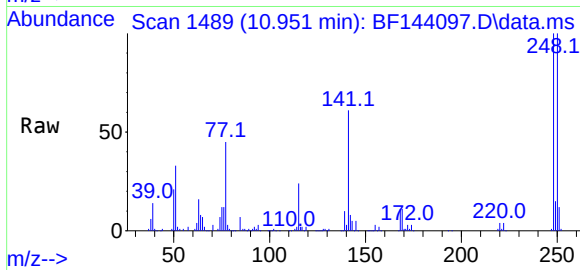
Time-->



#67
4-Bromophenyl-phenylether
Concen: 42.521 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

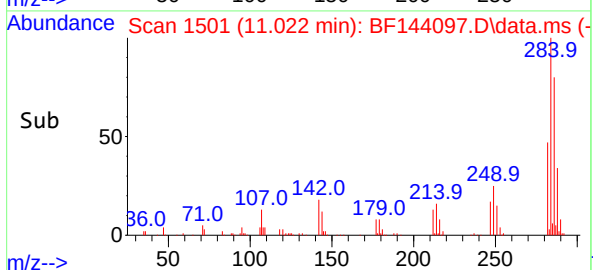
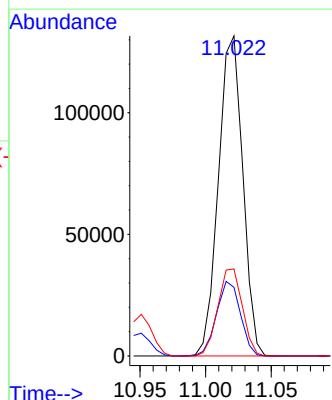
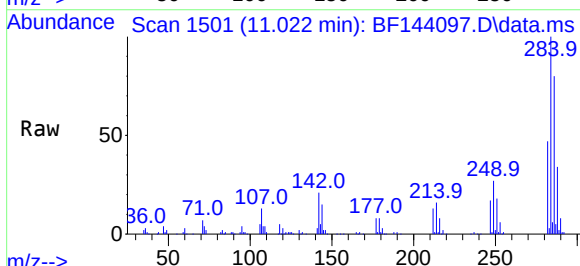
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

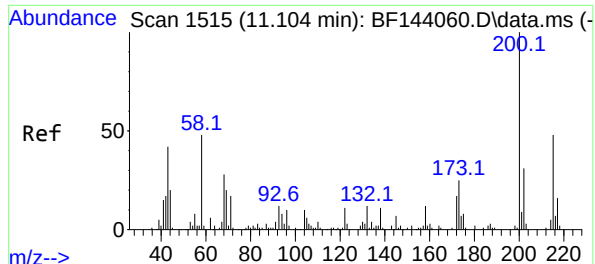
Tgt Ion:248 Resp: 140573
Ion Ratio Lower Upper
248 100
250 100.1 77.8 116.6
141 61.1 50.5 75.7



#68
Hexachlorobenzene
Concen: 41.916 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:284 Resp: 169947
Ion Ratio Lower Upper
284 100
142 21.5 20.0 30.0
249 27.2 22.2 33.2





#69

Atrazine

Concen: 39.700 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

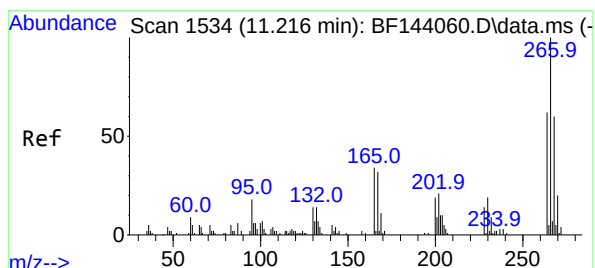
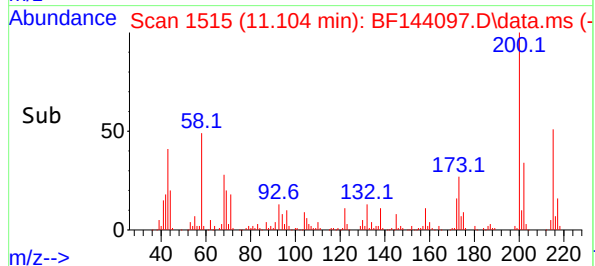
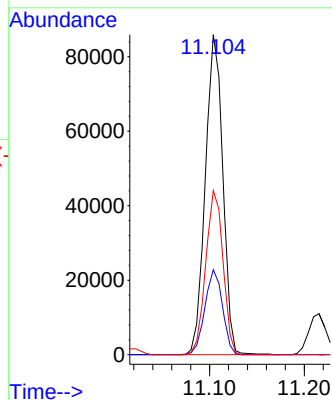
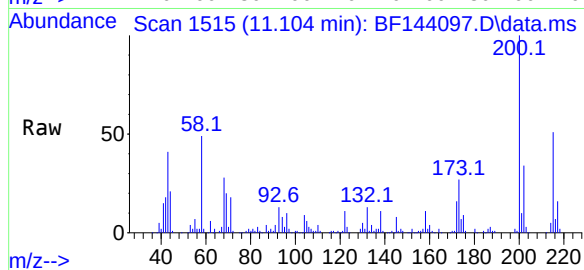
Tgt Ion:200 Resp: 109902

Ion Ratio Lower Upper

200 100

173 26.5 4.9 44.9

215 51.3 28.2 68.2



#70

Pentachlorophenol

Concen: 46.401 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

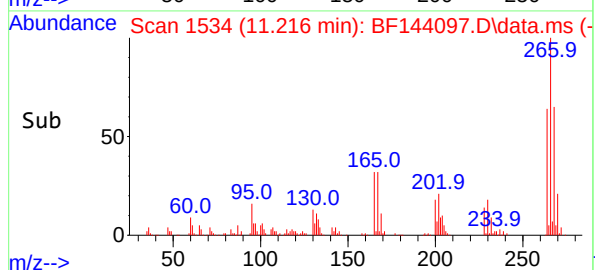
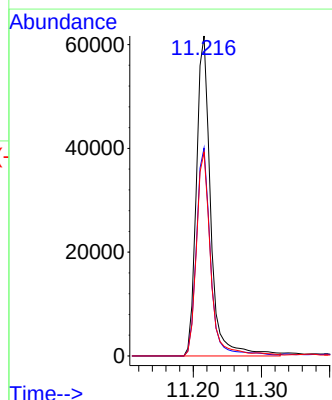
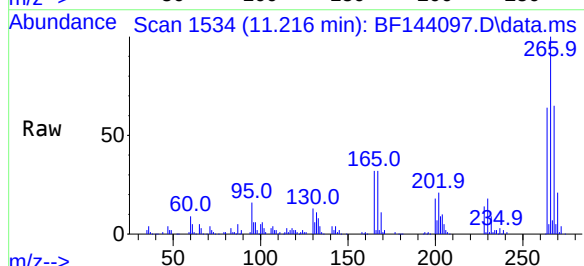
Tgt Ion:266 Resp: 89552

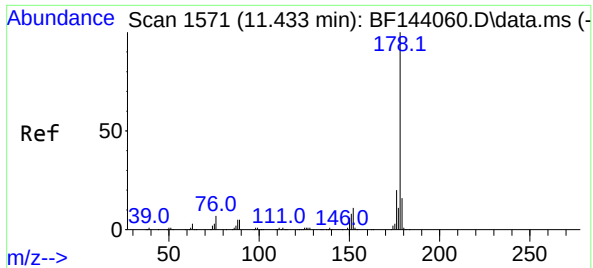
Ion Ratio Lower Upper

266 100

268 65.0 48.2 72.4

264 63.6 49.4 74.0

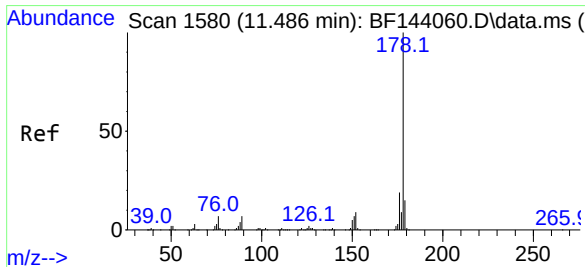
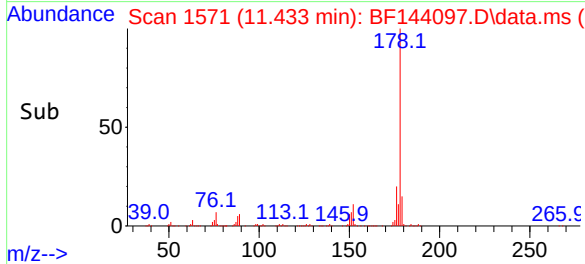
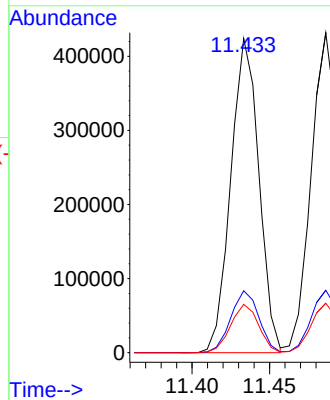
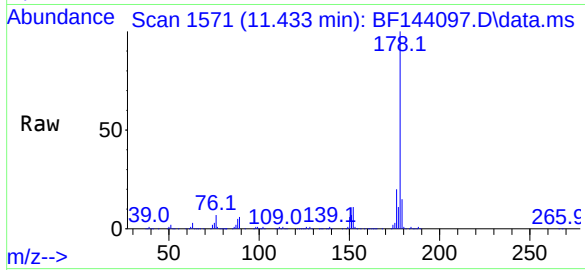




#71
Phenanthrene
Concen: 40.767 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

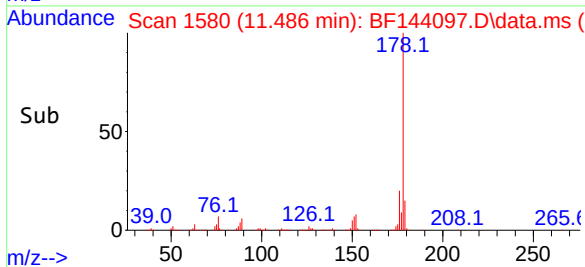
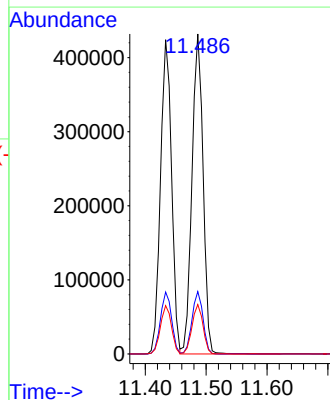
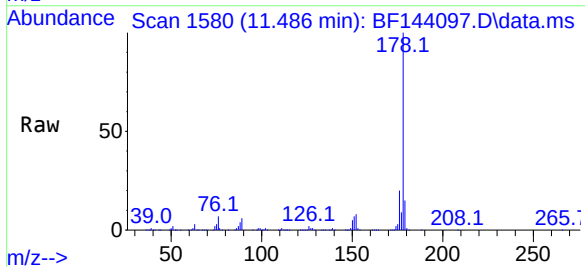
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

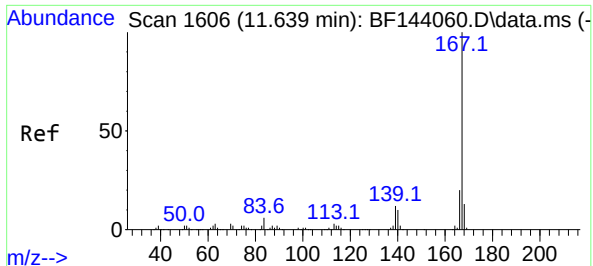
Tgt Ion:178 Resp: 534720
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.4 12.6 18.8



#72
Anthracene
Concen: 40.333 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:178 Resp: 546494
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 15.4 11.8 17.6

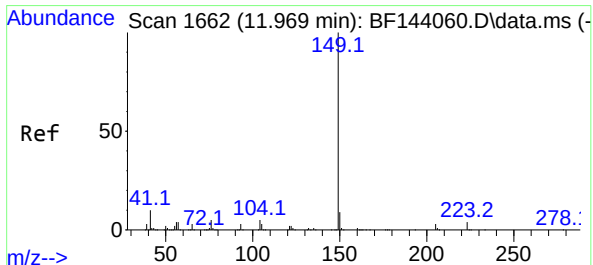
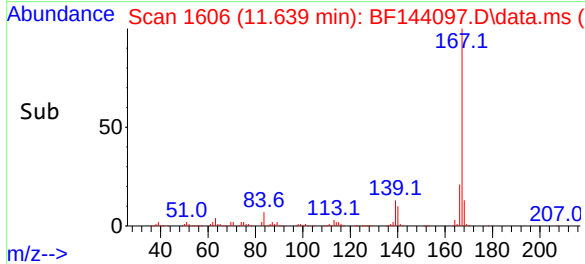
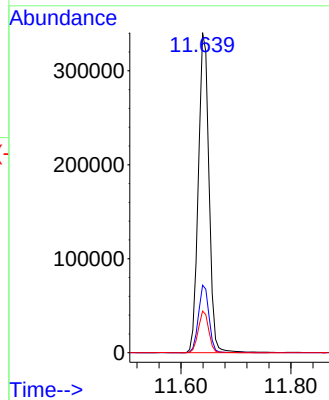
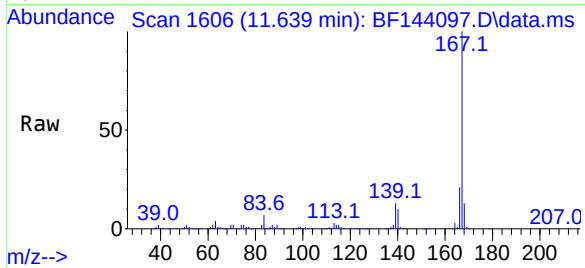




#73
Carbazole
Concen: 39.771 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

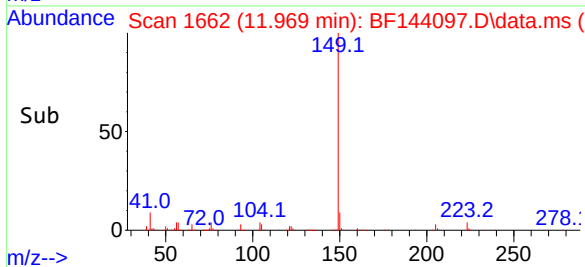
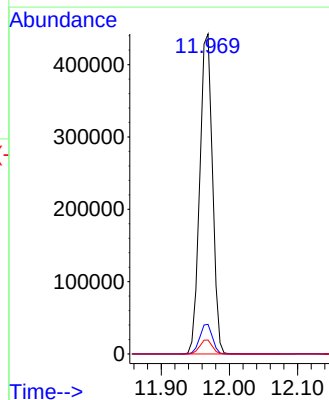
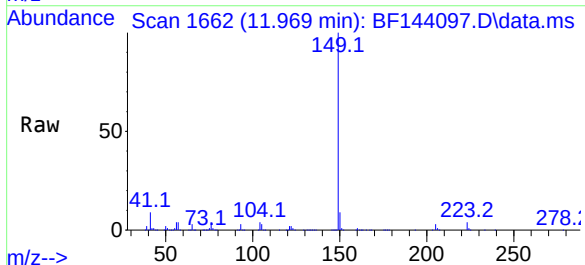
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

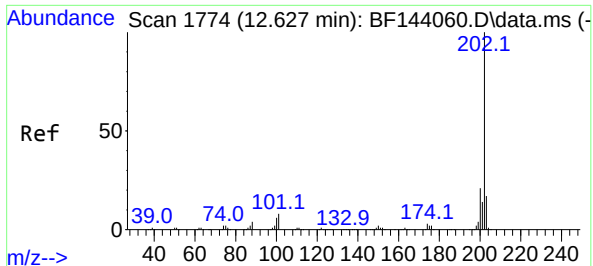
Tgt Ion:167 Resp: 458674
Ion Ratio Lower Upper
167 100
166 21.1 16.1 24.1
139 13.0 9.8 14.6



#74
Di-n-butylphthalate
Concen: 40.420 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:149 Resp: 571521
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.3 3.6 5.4

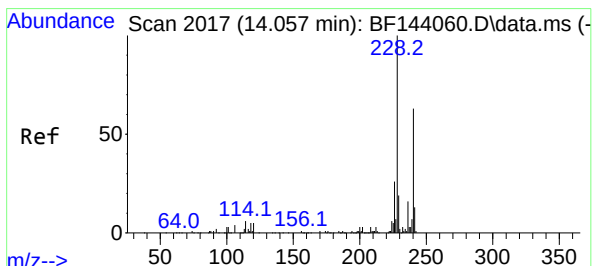
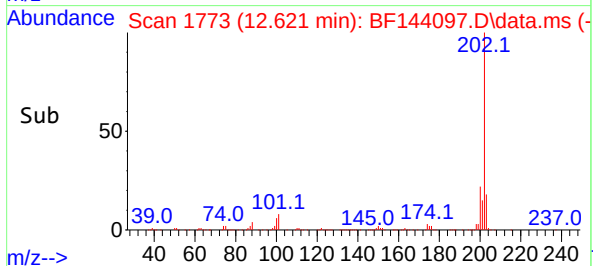
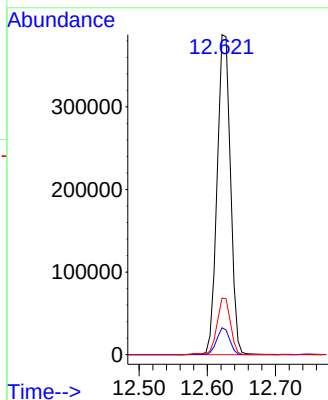
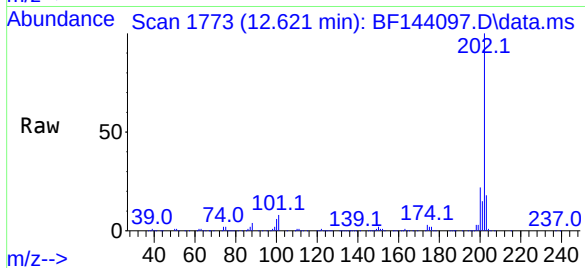




#75
Fluoranthene
Concen: 36.455 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

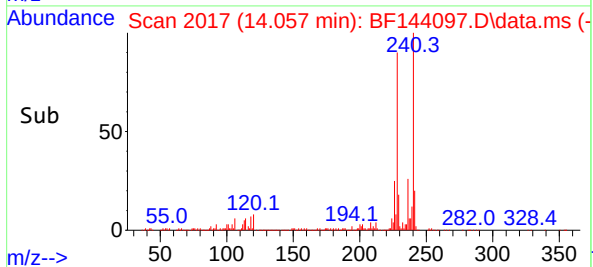
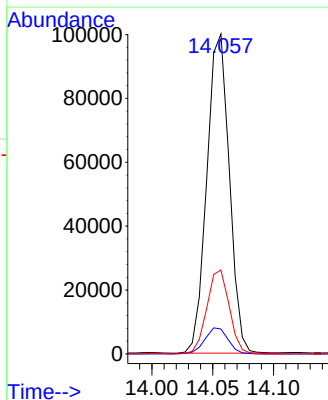
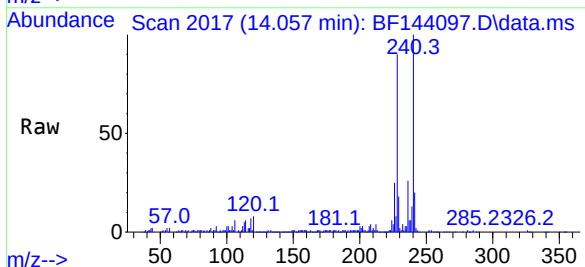
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

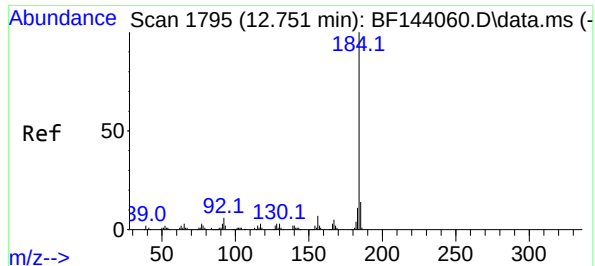
Tgt Ion:202 Resp: 528275
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.7
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:240 Resp: 128248
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.3 20.1 30.1





#77

Benzidine

Concen: 50.411 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

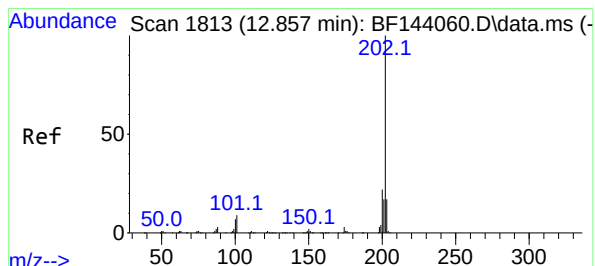
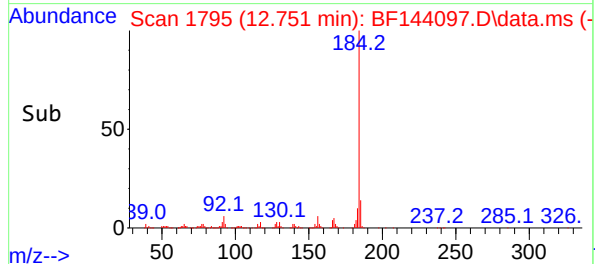
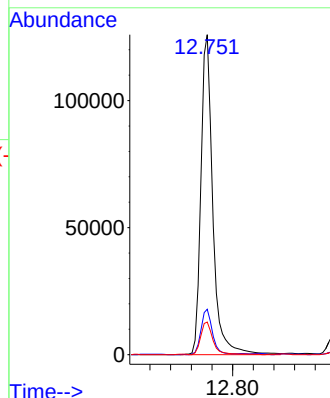
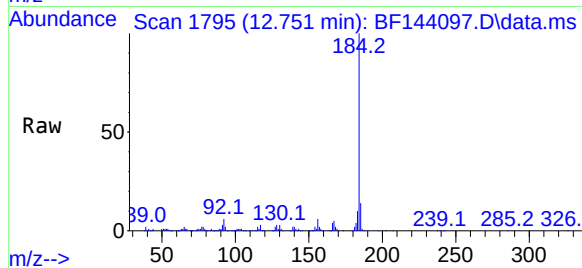
Tgt Ion:184 Resp: 201207

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 10.2 8.5 12.7



#78

Pyrene

Concen: 57.540 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

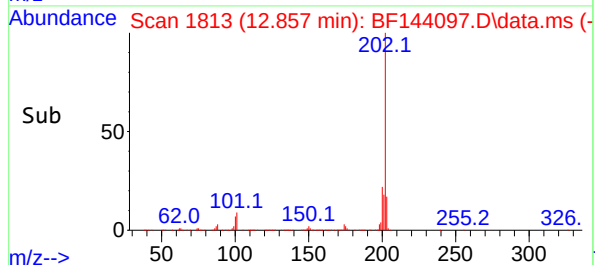
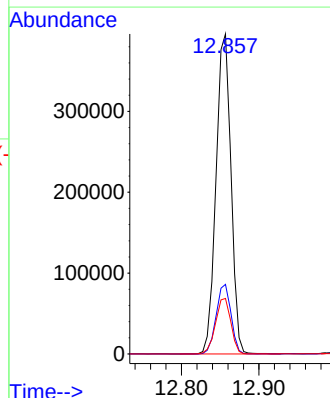
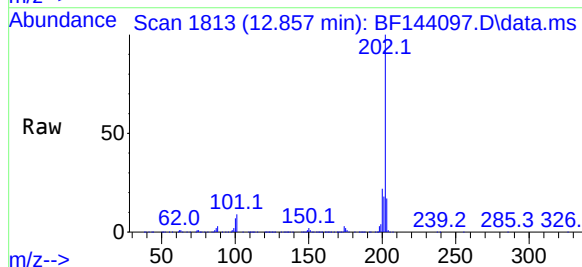
Tgt Ion:202 Resp: 530531

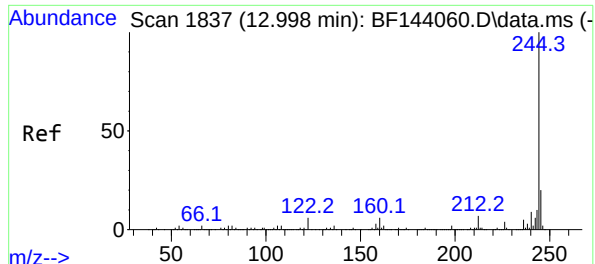
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 109.967 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

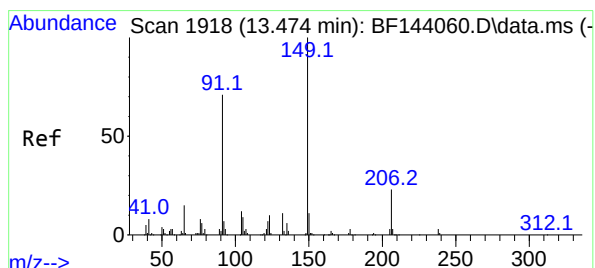
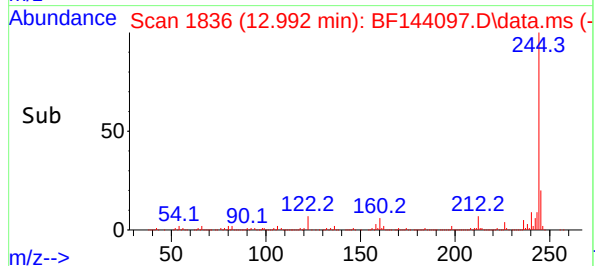
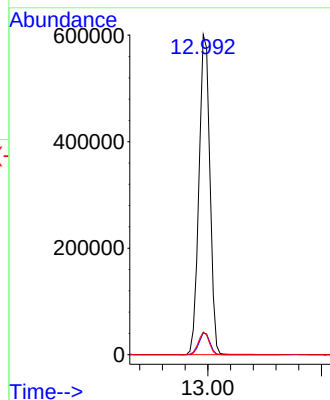
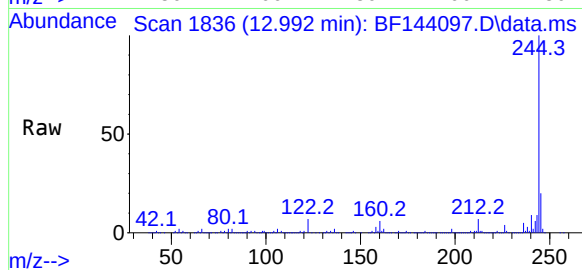
Tgt Ion:244 Resp: 806709

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 7.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 47.907 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

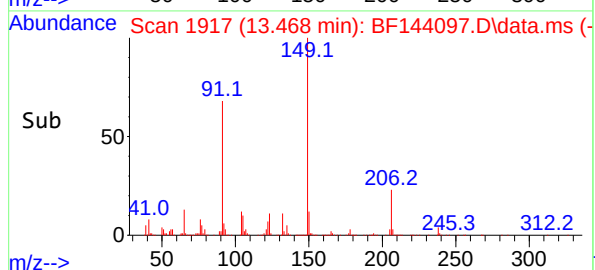
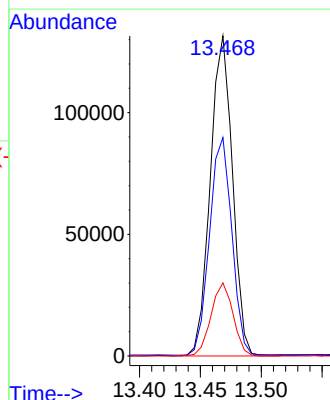
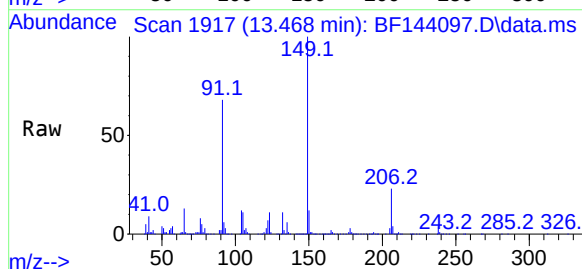
Tgt Ion:149 Resp: 167106

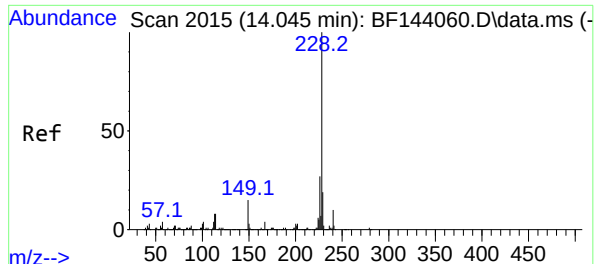
Ion Ratio Lower Upper

149 100

91 68.3 56.6 84.8

206 22.9 18.3 27.5





#81

Benzo(a)anthracene

Concen: 43.808 ng

RT: 14.045 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

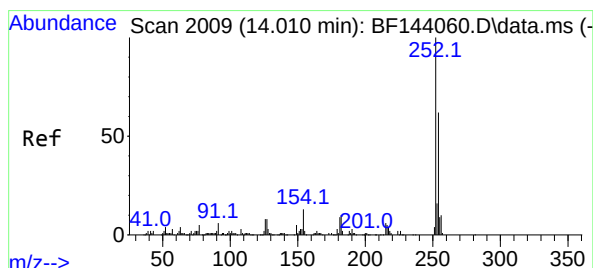
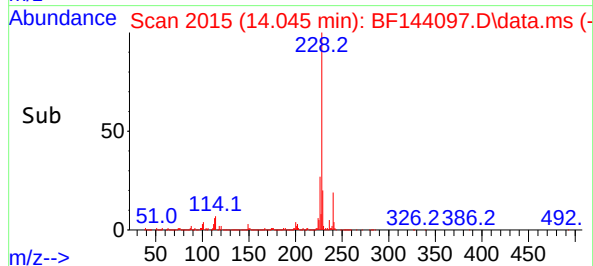
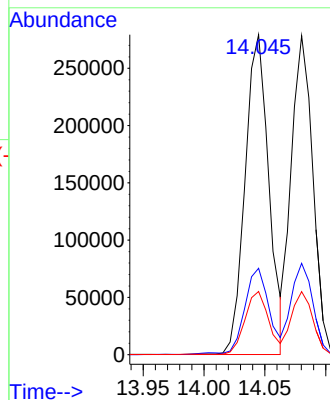
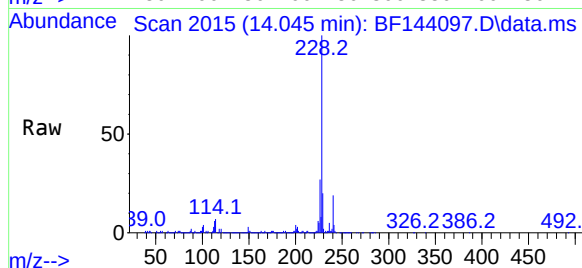
Tgt Ion:228 Resp: 379691

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.8 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 43.932 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

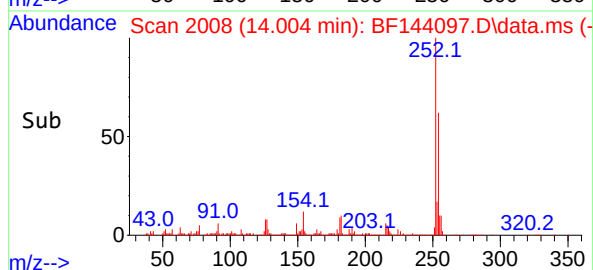
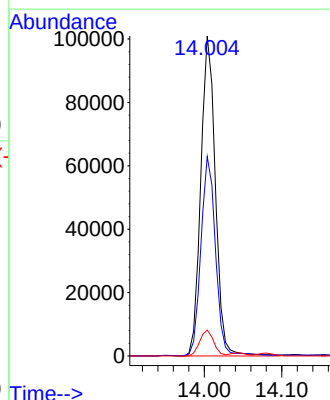
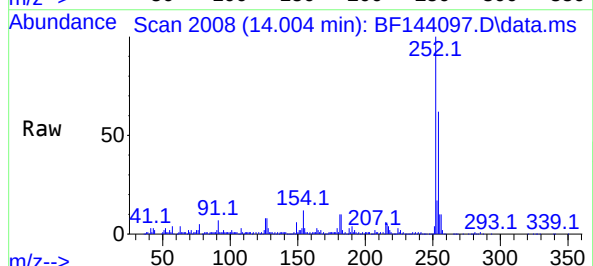
Tgt Ion:252 Resp: 132543

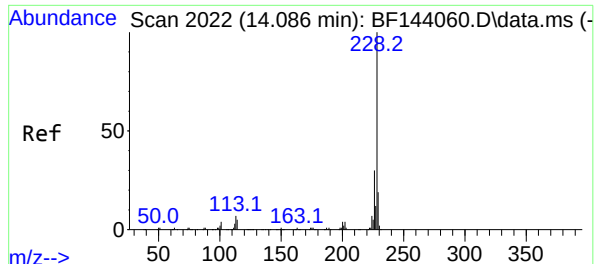
Ion Ratio Lower Upper

252 100

254 62.3 49.9 74.9

126 8.1 6.5 9.7





#83

Chrysene

Concen: 42.081 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

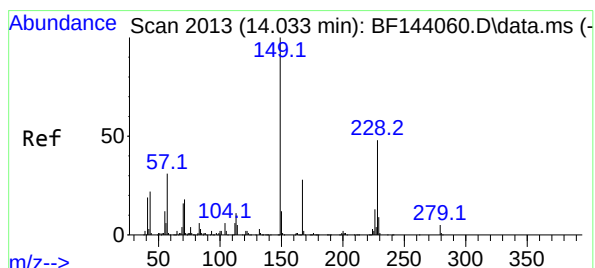
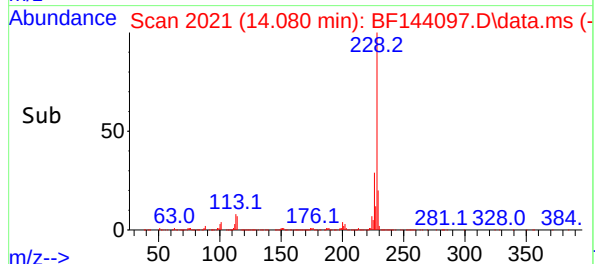
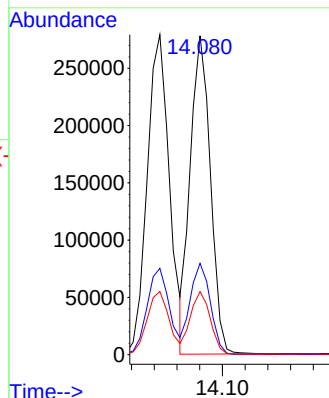
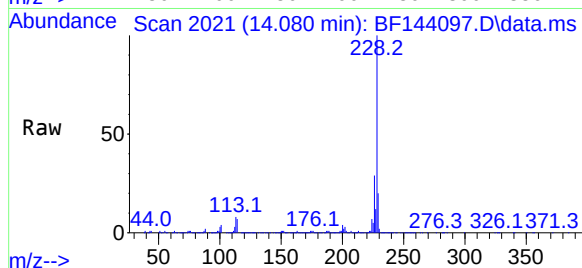
Tgt Ion:228 Resp: 342254

Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.739 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

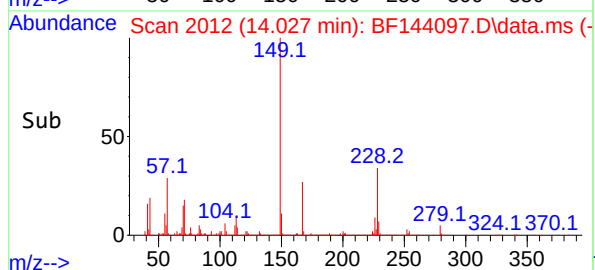
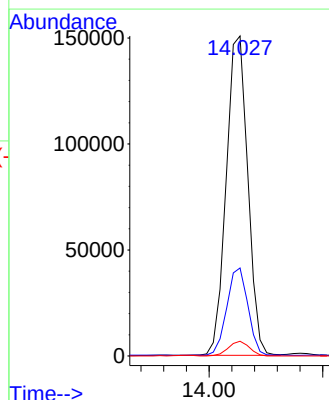
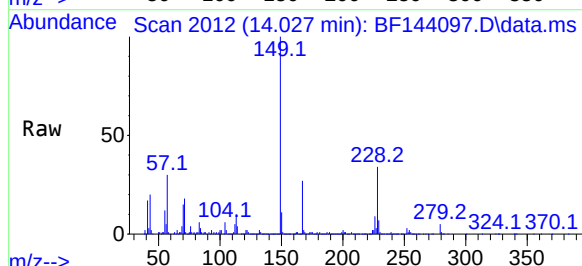
Tgt Ion:149 Resp: 198759

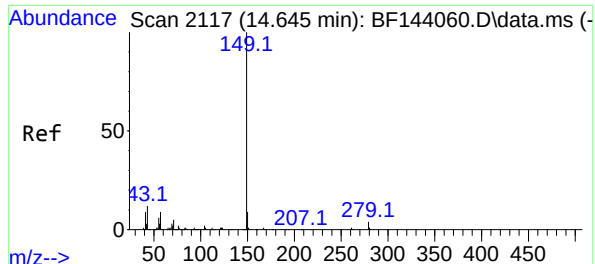
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.443 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

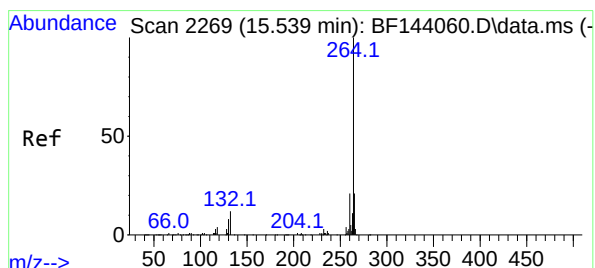
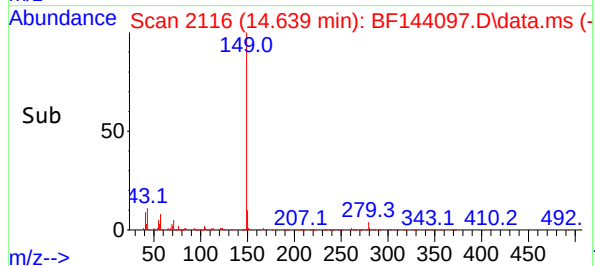
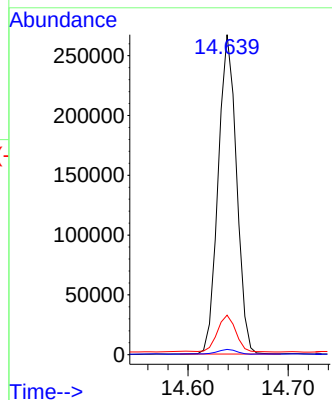
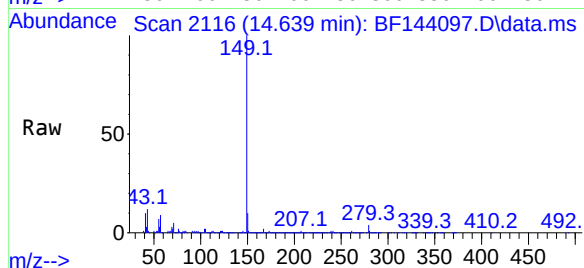
Tgt Ion:149 Resp: 339385

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.5 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

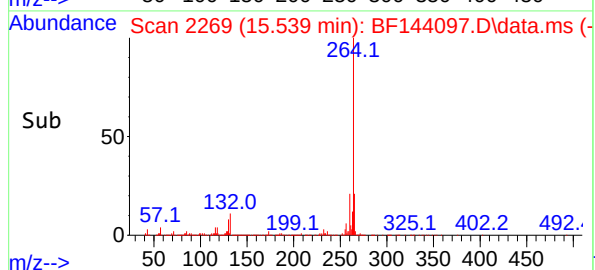
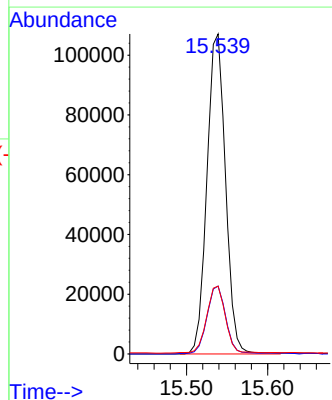
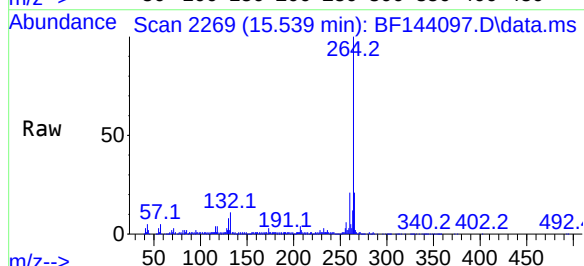
Tgt Ion:264 Resp: 169914

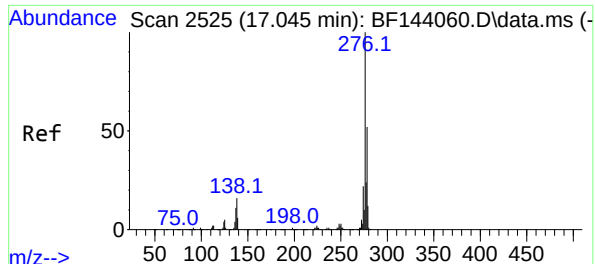
Ion Ratio Lower Upper

264 100

260 21.2 17.0 25.4

265 21.2 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.034 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

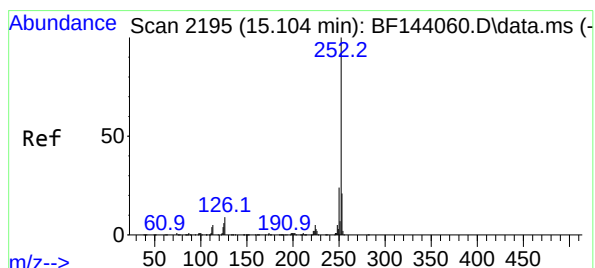
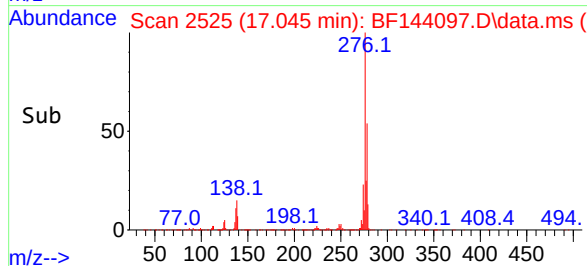
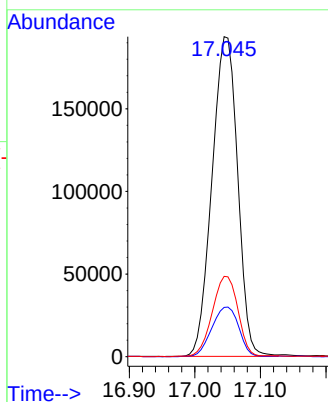
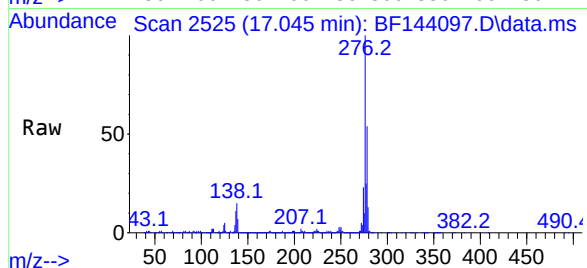
Tgt Ion:276 Resp: 525344

Ion Ratio Lower Upper

276 100

138 16.4 13.0 19.6

277 25.5 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 39.824 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

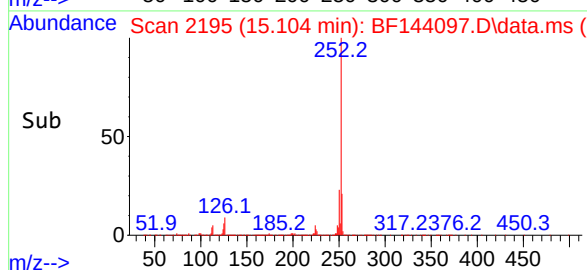
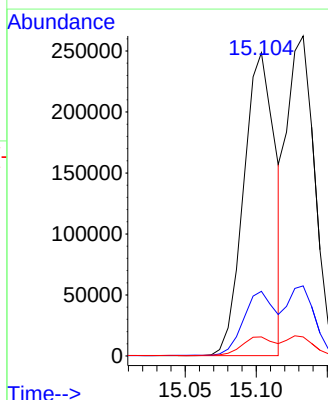
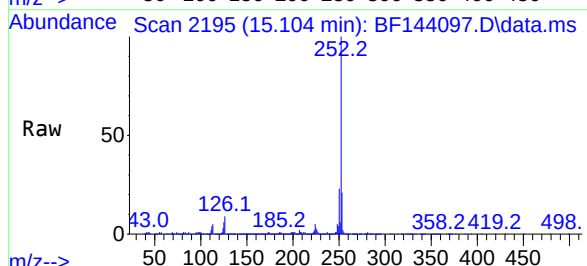
Tgt Ion:252 Resp: 382543

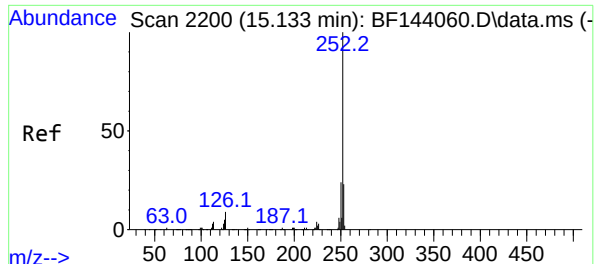
Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 6.3 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 40.151 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

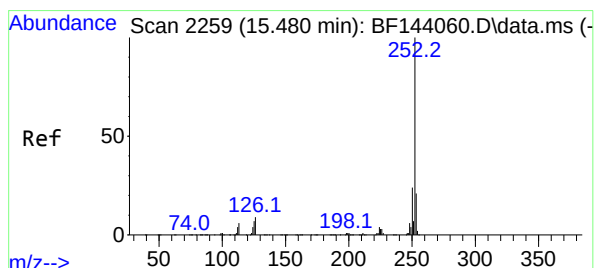
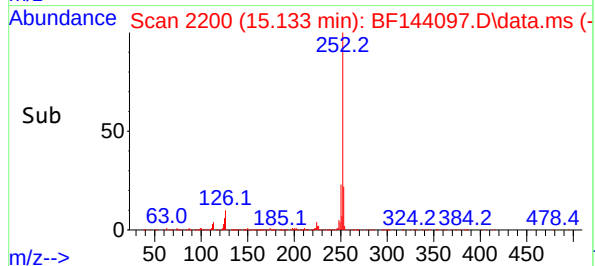
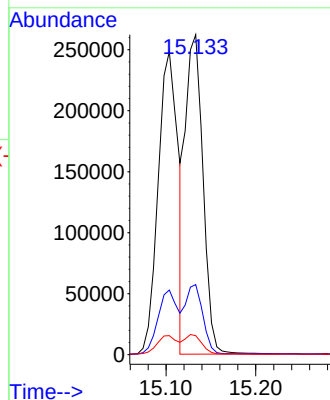
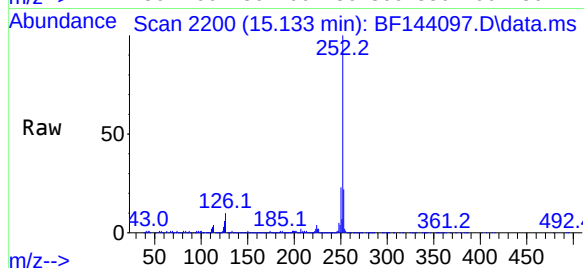
Tgt Ion:252 Resp: 355845

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 43.134 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144097.D

Acq: 28 Oct 2025 13:17

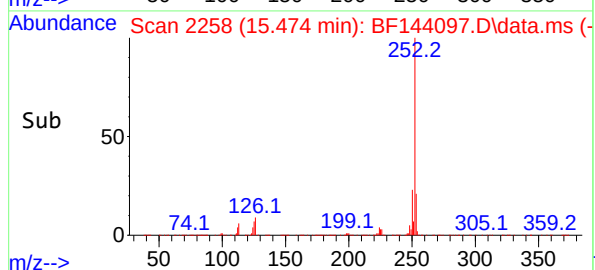
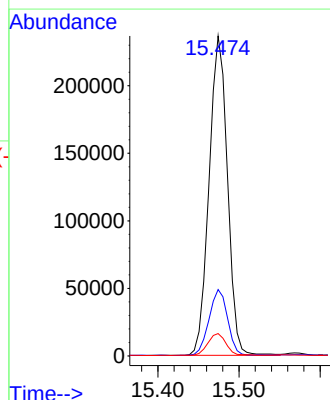
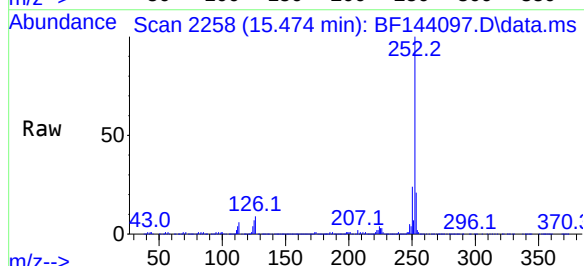
Tgt Ion:252 Resp: 371712

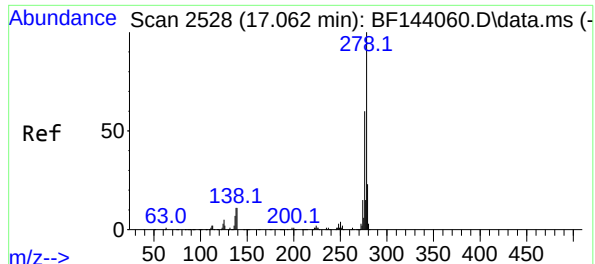
Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 7.0 5.4 8.2

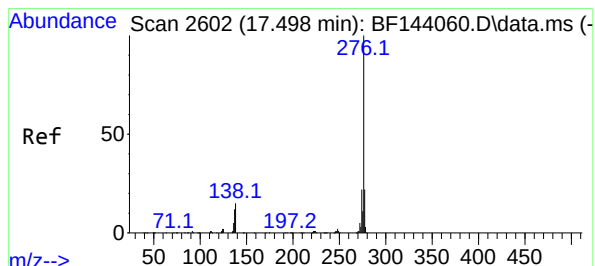
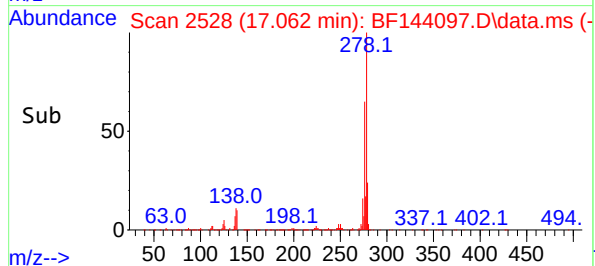
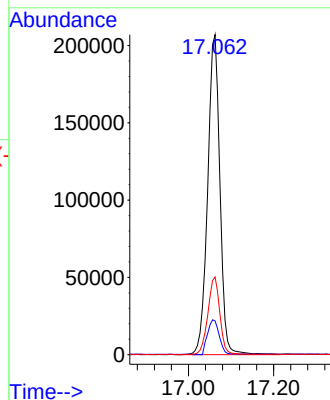
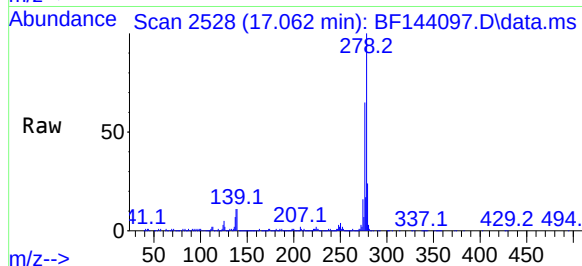




#91
Dibenzo(a,h)anthracene
Concen: 44.829 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

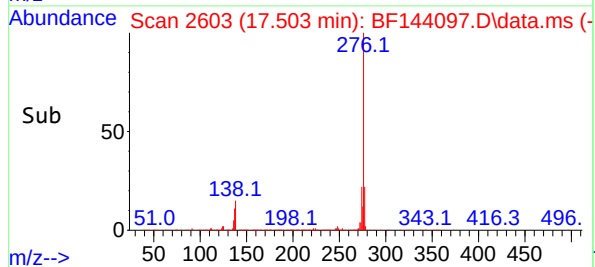
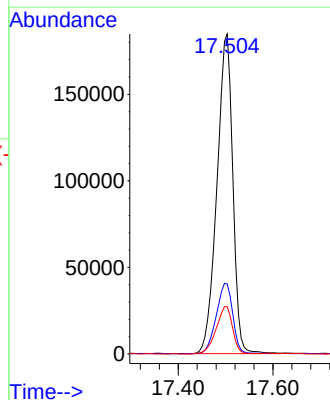
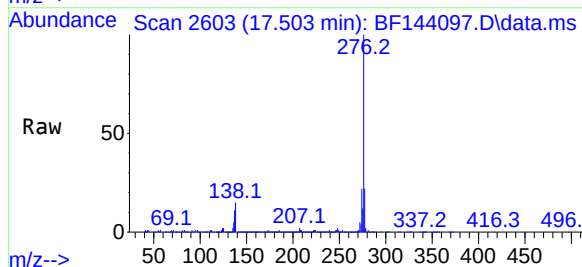
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 413954
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.294 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144097.D
Acq: 28 Oct 2025 13:17

Tgt Ion:276 Resp: 429795
Ion Ratio Lower Upper
276 100
277 21.8 17.9 26.9
138 14.8 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144097.D
Acq On : 28 Oct 2025 13:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	135	0.00
2	1,4-Dioxane	0.546	0.520	4.8	127	0.00
3	Pyridine	1.462	1.525	-4.3	134	0.00
4	n-Nitrosodimethylamine	0.899	0.848	5.7	125	0.00
5 S	2-Fluorophenol	1.264	1.303	-3.1	134	0.00
6	Aniline	1.997	2.072	-3.8	138	0.00
7 S	Phenol-d6	1.396	1.466	-5.0	140	0.00
8	2-Chlorophenol	1.245	1.300	-4.4	140	0.00
9	Benzaldehyde	1.084	1.105	-1.9	142	0.00
10 C	Phenol	1.722	1.775	-3.1	138	0.00
11	bis(2-Chloroethyl)ether	1.245	1.329	-6.7	143	0.00
12	1,3-Dichlorobenzene	1.536	1.598	-4.0	137	0.00
13 C	1,4-Dichlorobenzene	1.513	1.586	-4.8	137	0.00
14	1,2-Dichlorobenzene	1.464	1.528	-4.4	139	0.00
15	Benzyl Alcohol	1.135	1.235	-8.8	145	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.513	-7.4	142	0.00
17	2-Methylphenol	0.957	1.028	-7.4	149	0.00
18	Hexachloroethane	0.541	0.558	-3.1	138	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	1.004	-11.2	154#	0.00
20	3+4-Methylphenols	1.132	1.216	-7.4	140	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	140	0.00
22	Acetophenone	0.432	0.450	-4.2	145	0.00
23 S	Nitrobenzene-d5	0.365	0.371	-1.6	142	0.00
24	Nitrobenzene	0.386	0.408	-5.7	146	0.00
25	Isophorone	0.638	0.714	-11.9	156#	0.00
26 C	2-Nitrophenol	0.184	0.203	-10.3	149	0.00
27	2,4-Dimethylphenol	0.273	0.303	-11.0	148	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.444	-11.6	154#	0.00
29 C	2,4-Dichlorophenol	0.317	0.338	-6.6	147	0.00
30	1,2,4-Trichlorobenzene	0.327	0.345	-5.5	145	0.00
31	Naphthalene	0.944	0.987	-4.6	143	0.00
32	Benzoic acid	0.173	0.230	-32.9#	222#	0.02
33	4-Chloroaniline	0.329	0.364	-10.6	152#	0.00
34 C	Hexachlorobutadiene	0.267	0.269	-0.7	140	0.00
35	Caprolactam	0.080	0.097	-21.3	161#	0.02
36 C	4-Chloro-3-methylphenol	0.280	0.322	-15.0	161#	0.00
37	2-Methylnaphthalene	0.622	0.666	-7.1	145	0.00
38	1-Methylnaphthalene	0.590	0.641	-8.6	152#	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	162#	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.668	2.8	153#	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.238	-12.3	176#	0.00
42 S	2,4,6-Tribromophenol	0.255	0.287	-12.5	177#	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.474	-6.0	162#	0.00
44	2,4,5-Trichlorophenol	0.469	0.522	-11.3	181#	0.00
45 S	2-Fluorobiphenyl	1.421	1.379	3.0	154#	0.00
46	1,1'-Biphenyl	1.432	1.391	2.9	153#	0.00
47	2-Chloronaphthalene	1.199	1.218	-1.6	161#	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144097.D
Acq On : 28 Oct 2025 13:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.356	0.388	-9.0	165#	0.00
49	Acenaphthylene	1.617	1.684	-4.1	160#	0.00
50	Dimethylphthalate	1.311	1.432	-9.2	169#	0.00
51	2,6-Dinitrotoluene	0.259	0.297	-14.7	174#	0.00
52 C	Acenaphthene	1.080	1.111	-2.9	161#	0.00
53	3-Nitroaniline	0.288	0.326	-13.2	163#	0.00
54 P	2,4-Dinitrophenol	0.140	0.166	-18.6	217#	0.00
55	Dibenzofuran	1.499	1.565	-4.4	162#	0.00
56 P	4-Nitrophenol	0.195	0.221	-13.3	191#	0.00
57	2,4-Dinitrotoluene	0.350	0.407	-16.3	170#	0.00
58	Fluorene	1.143	1.207	-5.6	164#	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.372	-12.7	167#	0.00
60	Diethylphthalate	1.233	1.355	-9.9	170#	0.00
61	4-Chlorophenyl-phenylether	0.643	0.693	-7.8	166#	0.00
62	4-Nitroaniline	0.273	0.304	-11.4	166#	0.00
63	Azobenzene	1.167	1.271	-8.9	166#	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	165#	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.136	-6.3	183#	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.653	-2.2	168#	0.00
67	4-Bromophenyl-phenylether	0.250	0.266	-6.4	169#	0.00
68	Hexachlorobenzene	0.307	0.322	-4.9	166#	0.00
69	Atrazine	0.210	0.208	1.0	165#	0.00
70 C	Pentachlorophenol	0.146	0.170	-16.4	187#	0.00
71	Phenanthrene	0.994	1.013	-1.9	165#	0.00
72	Anthracene	1.026	1.035	-0.9	163#	0.00
73	Carbazole	0.874	0.869	0.6	159#	0.00
74	Di-n-butylphthalate	1.071	1.082	-1.0	160#	0.00
75 C	Fluoranthene	1.098	1.000	8.9	147	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzidine	0.622	0.784	-26.0#	122	0.00
78	Pyrene	1.438	2.068	-43.8#	141	0.00
79 S	Terphenyl-d14	1.144	1.573	-37.5#	135	0.00
80	Butylbenzylphthalate	0.544	0.651	-19.7	112	0.00
81	Benzo(a)anthracene	1.352	1.480	-9.5	101	0.00
82	3,3'-Dichlorobenzidine	0.470	0.517	-10.0	105	0.00
83	Chrysene	1.268	1.334	-5.2	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.775	-4.3	101	0.00
85 c	Di-n-octyl phthalate	1.277	1.323	-3.6	98	0.00
86 I	Perylene-d12	1.000	1.000	0.0	111	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.546	-12.6	116	0.00
88	Benzo(b)fluoranthene	1.131	1.126	0.4	99	0.00
89	Benzo(k)fluoranthene	1.043	1.047	-0.4	110	0.00
90 C	Benzo(a)pyrene	1.014	1.094	-7.9	112	0.00
91	Dibenzo(a,h)anthracene	1.087	1.218	-12.1	116	0.00
92	Benzo(g,h,i)perylene	1.093	1.265	-15.7	118	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144097.D
Acq On : 28 Oct 2025 13:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144097.D
Acq On : 28 Oct 2025 13:17
Operator : RC/JU
Sample : SSTDCCC040
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Oct 28 14:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	135	0.00
2	1,4-Dioxane	40.000	38.059	4.9	127	0.00
3	Pyridine	40.000	41.710	-4.3	134	0.00
4	n-Nitrosodimethylamine	40.000	37.743	5.6	125	0.00
5 S	2-Fluorophenol	80.000	82.434	-3.0	134	0.00
6	Aniline	40.000	41.492	-3.7	138	0.00
7 S	Phenol-d6	80.000	84.022	-5.0	140	0.00
8	2-Chlorophenol	40.000	41.762	-4.4	140	0.00
9	Benzaldehyde	40.000	40.774	-1.9	142	0.00
10 C	Phenol	40.000	41.214	-3.0	138	0.00
11	bis(2-Chloroethyl)ether	40.000	42.699	-6.7	143	0.00
12	1,3-Dichlorobenzene	40.000	41.627	-4.1	137	0.00
13 C	1,4-Dichlorobenzene	40.000	41.909	-4.8	137	0.00
14	1,2-Dichlorobenzene	40.000	41.744	-4.4	139	0.00
15	Benzyl Alcohol	40.000	43.521	-8.8	145	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.966	-7.4	142	0.00
17	2-Methylphenol	40.000	42.952	-7.4	149	0.00
18	Hexachloroethane	40.000	41.263	-3.2	138	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	44.499	-11.2	154	0.00
20	3+4-Methylphenols	40.000	42.964	-7.4	140	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	140	0.00
22	Acetophenone	40.000	41.609	-4.0	145	0.00
23 S	Nitrobenzene-d5	80.000	81.285	-1.6	142	0.00
24	Nitrobenzene	40.000	42.287	-5.7	146	0.00
25	Isophorone	40.000	44.766	-11.9	156	0.00
26 C	2-Nitrophenol	40.000	44.191	-10.5	149	0.00
27	2,4-Dimethylphenol	40.000	44.467	-11.2	148	0.00
28	bis(2-Chloroethoxy)methane	40.000	44.670	-11.7	154	0.00
29 C	2,4-Dichlorophenol	40.000	42.625	-6.6	147	0.00
30	1,2,4-Trichlorobenzene	40.000	42.262	-5.7	145	0.00
31	Naphthalene	40.000	41.811	-4.5	143	0.00
32	Benzoic acid	40.000	53.198	-33.0#	222	0.02
33	4-Chloroaniline	40.000	44.308	-10.8	152	0.00
34 C	Hexachlorobutadiene	40.000	40.361	-0.9	140	0.00
35	Caprolactam	40.000	48.802	-22.0	161	0.02
36 C	4-Chloro-3-methylphenol	40.000	46.014	-15.0	161	0.00
37	2-Methylnaphthalene	40.000	42.835	-7.1	145	0.00
38	1-Methylnaphthalene	40.000	43.513	-8.8	152	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	162	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.859	2.9	153	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.760	-11.9	176	0.00
42 S	2,4,6-Tribromophenol	80.000	90.002	-12.5	177	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.418	-6.0	162	0.00
44	2,4,5-Trichlorophenol	40.000	44.519	-11.3	181	0.00
45 S	2-Fluorobiphenyl	80.000	77.635	3.0	154	0.00
46	1,1'-Biphenyl	40.000	38.873	2.8	153	0.00
47	2-Chloronaphthalene	40.000	40.627	-1.6	161	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144097.D
Acq On : 28 Oct 2025 13:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.622	-9.1	165	0.00
49	Acenaphthylene	40.000	41.661	-4.2	160	0.00
50	Dimethylphthalate	40.000	43.685	-9.2	169	0.00
51	2,6-Dinitrotoluene	40.000	45.846	-14.6	174	0.00
52 C	Acenaphthene	40.000	41.127	-2.8	161	0.00
53	3-Nitroaniline	40.000	45.229	-13.1	163	0.00
54 P	2,4-Dinitrophenol	40.000	47.423	-18.6	217	0.00
55	Dibenzofuran	40.000	41.757	-4.4	162	0.00
56 P	4-Nitrophenol	40.000	45.329	-13.3	191	0.00
57	2,4-Dinitrotoluene	40.000	46.505	-16.3	170	0.00
58	Fluorene	40.000	42.247	-5.6	164	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	45.002	-12.5	167	0.00
60	Diethylphthalate	40.000	43.974	-9.9	170	0.00
61	4-Chlorophenyl-phenylether	40.000	43.147	-7.9	166	0.00
62	4-Nitroaniline	40.000	44.504	-11.3	166	0.00
63	Azobenzene	40.000	43.581	-9.0	166	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	165	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.264	-5.7	183	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.864	-2.2	168	0.00
67	4-Bromophenyl-phenylether	40.000	42.521	-6.3	169	0.00
68	Hexachlorobenzene	40.000	41.916	-4.8	166	0.00
69	Atrazine	40.000	39.700	0.7	165	0.00
70 C	Pentachlorophenol	40.000	46.401	-16.0	187	0.00
71	Phenanthrene	40.000	40.767	-1.9	165	0.00
72	Anthracene	40.000	40.333	-0.8	163	0.00
73	Carbazole	40.000	39.771	0.6	159	0.00
74	Di-n-butylphthalate	40.000	40.420	-1.1	160	0.00
75 C	Fluoranthene	40.000	36.455	8.9	147	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzydine	40.000	50.411	-26.0#	122	0.00
78	Pyrene	40.000	57.540	-43.9#	141	0.00
79 S	Terphenyl-d14	80.000	109.967	-37.5#	135	0.00
80	Butylbenzylphthalate	40.000	47.907	-19.8	112	0.00
81	Benzo(a)anthracene	40.000	43.808	-9.5	101	0.00
82	3,3'-Dichlorobenzidine	40.000	43.932	-9.8	105	0.00
83	Chrysene	40.000	42.081	-5.2	105	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.739	-4.3	101	0.00
85 c	Di-n-octyl phthalate	40.000	41.443	-3.6	98	0.00
86 I	Perylene-d12	20.000	20.000	0.0	111	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	45.034	-12.6	116	0.00
88	Benzo(b)fluoranthene	40.000	39.824	0.4	99	0.00
89	Benzo(k)fluoranthene	40.000	40.151	-0.4	110	0.00
90 C	Benzo(a)pyrene	40.000	43.134	-7.8	112	0.00
91	Dibenzo(a,h)anthracene	40.000	44.829	-12.1	116	0.00
92	Benzo(g,h,i)perylene	40.000	46.294	-15.7	118	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144097.D
Acq On : 28 Oct 2025 13:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 28 14:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02
 Lab Code: ACE SDG No.: Q3447
 Instrument ID: BNA_F Calibration Date/Time: 10/29/2025 11:30
 Lab File ID: BF144121.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.462	1.578		7.9	
2-Fluorophenol	1.264	1.346		6.5	
Phenol-d6	1.396	1.460		4.6	
1,4-Dichlorobenzene	1.513	1.602		5.9	20.0
2-Methylphenol	0.957	1.014		6.0	
3+4-Methylphenols	1.132	1.224		8.1	
Nitrobenzene-d5	0.365	0.361		-1.1	
Hexachloroethane	0.541	0.545		0.7	
Nitrobenzene	0.386	0.394		2.1	
Hexachlorobutadiene	0.267	0.260		-2.6	20.0
2,4,6-Trichlorophenol	0.447	0.466		4.3	20.0
2-Fluorobiphenyl	1.421	1.368		-3.7	
2,4,5-Trichlorophenol	0.469	0.490		4.5	
2,4-Dinitrotoluene	0.350	0.369		5.4	
2,4,6-Tribromophenol	0.255	0.252		-1.2	
Hexachlorobenzene	0.307	0.310		1.0	
Pentachlorophenol	0.146	0.162		11.0	20.0
Terphenyl-d14	1.144	1.166		1.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144121.D
 Acq On : 29 Oct 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61447	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	232371	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	124035	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	207074	20.000	ng	0.00
76) Chrysene-d12	14.057	240	153131	20.000	ng	0.00
86) Perylene-d12	15.539	264	204043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	330929	85.206	ng	0.00
7) Phenol-d6	6.504	99	358957	83.686	ng	0.00
23) Nitrobenzene-d5	7.445	82	335980	79.215	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	124844	79.017	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	678951	77.029	ng	0.00
79) Terphenyl-d14	12.992	244	714068	81.522	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.610	88	68837	41.016	ng	98
3) Pyridine	3.381	79	193889	43.152	ng	98
4) n-Nitrosodimethylamine	3.328	42	101090	36.615	ng	93
6) Aniline	6.540	93	257784	42.009	ng	99
8) 2-Chlorophenol	6.663	128	157734	41.239	ng	99
9) Benzaldehyde	6.428	77	129140	38.777	ng	98
10) Phenol	6.522	94	226466	42.796	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	163647	42.797	ng	94
12) 1,3-Dichlorobenzene	6.822	146	200122	42.415	ng	98
13) 1,4-Dichlorobenzene	6.898	146	196909	42.348	ng	98
14) 1,2-Dichlorobenzene	7.045	146	186585	41.472	ng	98
15) Benzyl Alcohol	7.022	79	144053	41.303	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	302282	42.062	ng	92
17) 2-Methylphenol	7.128	107	124615	42.361	ng	96
18) Hexachloroethane	7.392	117	66998	40.302	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	113931	41.075	ng	95
20) 3+4-Methylphenols	7.281	107	150418	43.254	ng	96
22) Acetophenone	7.287	105	199329	39.693	ng	100
24) Nitrobenzene	7.463	77	182876	40.760	ng	99
25) Isophorone	7.698	82	301404	40.647	ng	99
26) 2-Nitrophenol	7.775	139	89681	42.017	ng	98
27) 2,4-Dimethylphenol	7.810	122	134777	42.492	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	190207	41.132	ng	98
29) 2,4-Dichlorophenol	8.016	162	152408	41.318	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	155305	40.926	ng	98
31) Naphthalene	8.187	128	444899	40.566	ng	98
32) Benzoic acid	7.922	122	87292	43.387	ng	86
33) 4-Chloroaniline	8.234	127	162085	42.453	ng	96
34) Hexachlorobutadiene	8.298	225	120689	38.895	ng	99
35) Caprolactam	8.598	113	39199	42.378	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	137486	42.237	ng	96
37) 2-Methylnaphthalene	8.875	142	292579	40.463	ng	95
38) 1-Methylnaphthalene	8.975	142	278578	40.665	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	172358	40.433	ng	99
41) Hexachlorocyclopentadiene	9.028	237	44780	34.011	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	115708	41.760	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144121.D
 Acq On : 29 Oct 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

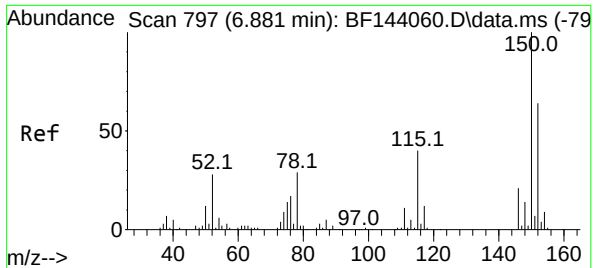
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121526	41.791	ng	96
46) 1,1'-Biphenyl	9.339	154	354773	39.957	ng	99
47) 2-Chloronaphthalene	9.363	162	307997	41.405	ng	96
48) 2-Nitroaniline	9.457	65	88438	40.037	ng	95
49) Acenaphthylene	9.781	152	416607	41.536	ng	99
50) Dimethylphthalate	9.634	163	336124	41.342	ng	99
51) 2,6-Dinitrotoluene	9.698	165	67580	42.046	ng	95
52) Acenaphthene	9.951	154	266968	39.855	ng	98
53) 3-Nitroaniline	9.869	138	77266	43.238	ng	99
54) 2,4-Dinitrophenol	9.981	184	33608	38.660	ng	90
55) Dibenzofuran	10.122	168	379280	40.786	ng	98
56) 4-Nitrophenol	10.034	139	47859	39.550	ng	89
57) 2,4-Dinitrotoluene	10.104	165	91495	42.178	ng	95
58) Fluorene	10.469	166	287737	40.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87320	42.612	ng	98
60) Diethylphthalate	10.333	149	305410	39.944	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	163745	41.094	ng	96
62) 4-Nitroaniline	10.486	138	68617	40.525	ng	94
63) Azobenzene	10.616	77	289198	39.963	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52916	39.830	ng	98
66) n-Nitrosodiphenylamine	10.575	169	277049	41.875	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	109675	42.302	ng	96
68) Hexachlorobenzene	11.016	284	128445	40.395	ng	98
69) Atrazine	11.104	200	86008	39.616	ng	98
70) Pentachlorophenol	11.210	266	67248	44.431	ng	97
71) Phenanthrene	11.433	178	427157	41.526	ng	98
72) Anthracene	11.486	178	435076	40.944	ng	99
73) Carbazole	11.639	167	367780	40.663	ng	99
74) Di-n-butylphthalate	11.963	149	453989	40.941	ng	99
75) Fluoranthene	12.622	202	454294	39.974	ng	99
77) Benzidine	12.745	184	201262	42.231	ng	99
78) Pyrene	12.851	202	462034	41.969	ng	100
80) Butylbenzylphthalate	13.469	149	172222	41.351	ng	99
81) Benzo(a)anthracene	14.045	228	440710	42.586	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	159124	44.172	ng	100
83) Chrysene	14.080	228	410191	42.239	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	242344	42.623	ng	98
85) Di-n-octyl phthalate	14.639	149	446067	45.619	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	606674	43.307	ng	100
88) Benzo(b)fluoranthene	15.104	252	467688	40.544	ng	100
89) Benzo(k)fluoranthene	15.133	252	461643	43.376	ng	99
90) Benzo(a)pyrene	15.474	252	442928	42.801	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	484044	43.651	ng	100
92) Benzo(g,h,i)perylene	17.504	276	482661	43.293	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

- 1
- 2
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- 16
- 17

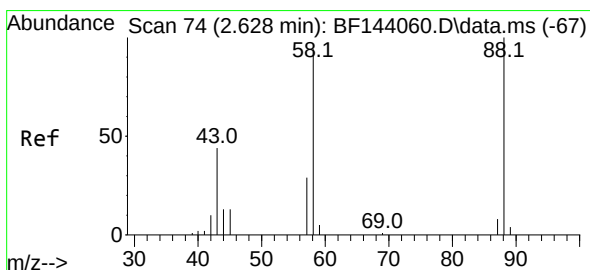
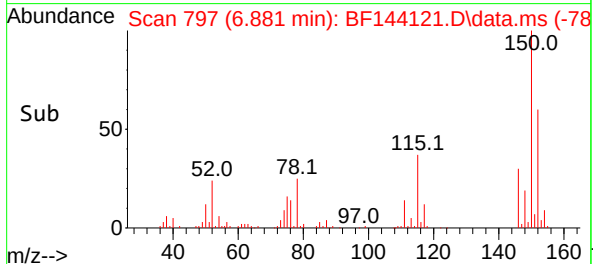
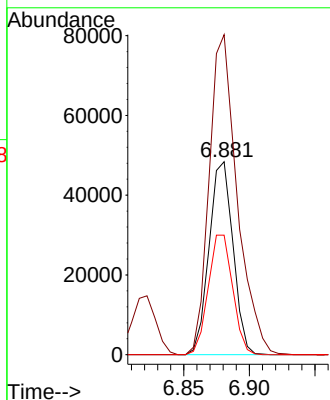
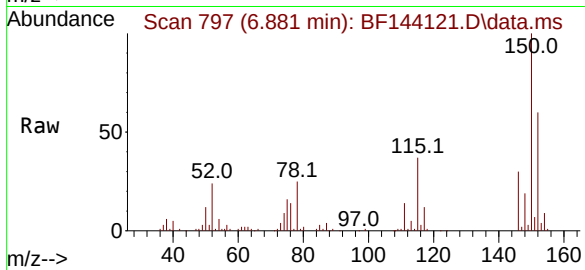




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

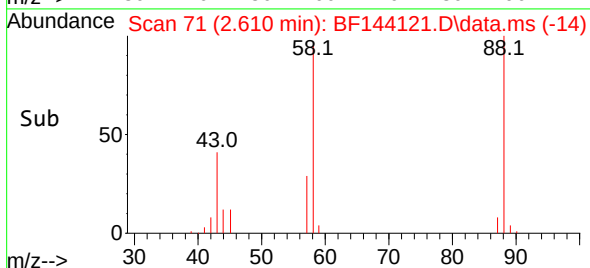
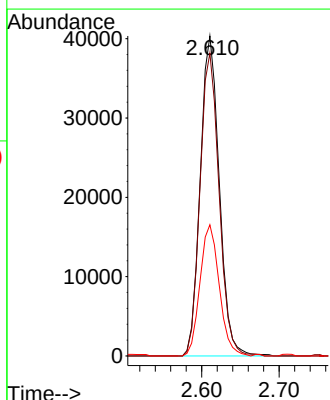
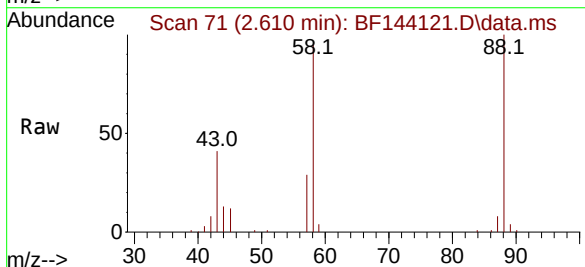
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

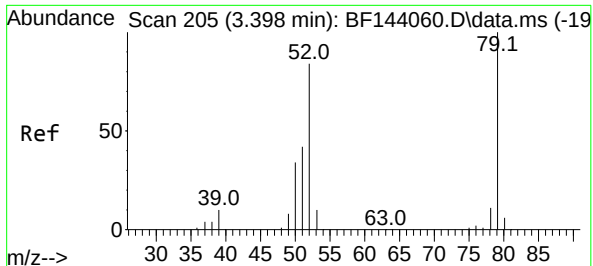
Tgt Ion:152 Resp: 61447
Ion Ratio Lower Upper
152 100
150 165.8 124.4 186.6
115 61.9 49.4 74.0



#2
1,4-Dioxane
Concen: 41.016 ng
RT: 2.610 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion: 88 Resp: 68837
Ion Ratio Lower Upper
88 100
58 94.6 76.5 114.7
43 41.5 35.3 52.9

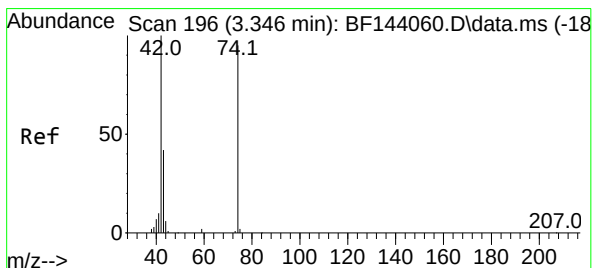
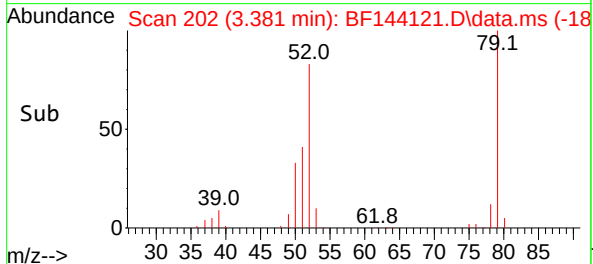
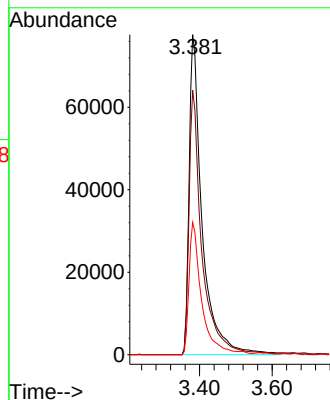
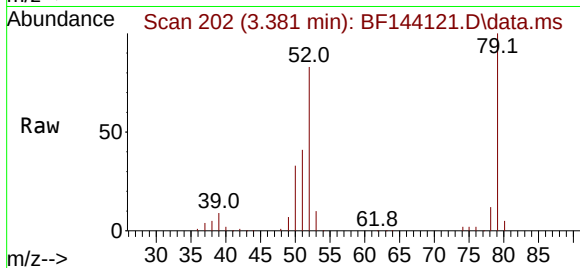




#3
Pyridine
Concen: 43.152 ng
RT: 3.381 min Scan# 205
Delta R.T. -0.018 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

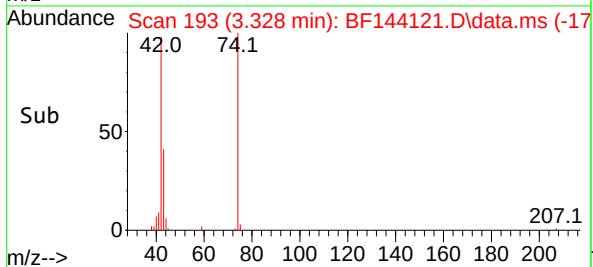
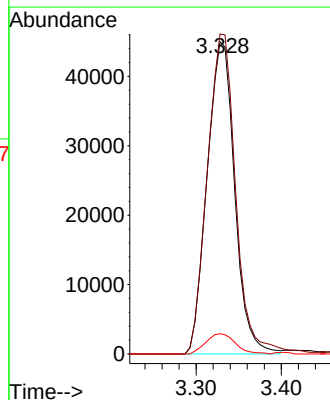
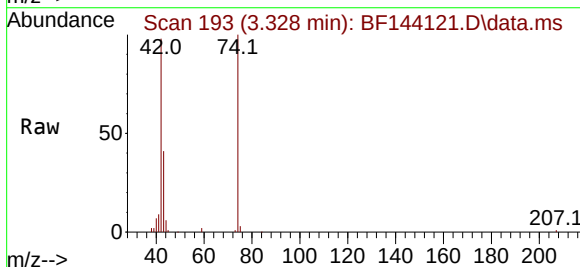
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

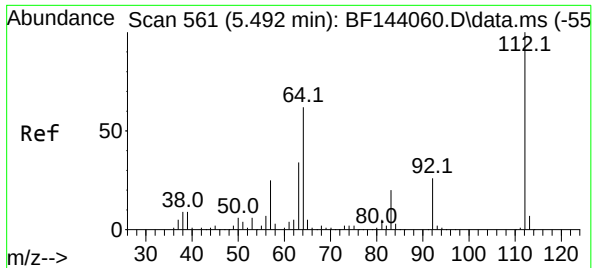
Tgt Ion	Ratio	Lower	Upper
79	100		
52	82.6	67.5	101.3
51	41.4	33.6	50.4



#4
n-Nitrosodimethylamine
Concen: 36.615 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.017 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.5	76.4	114.6
44	6.5	5.2	7.8

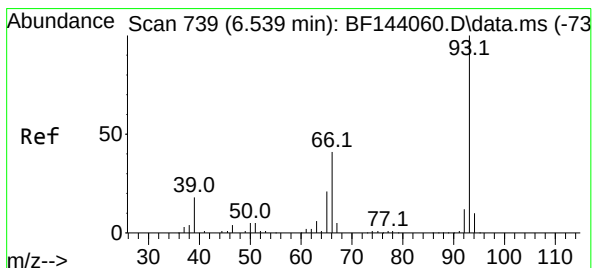
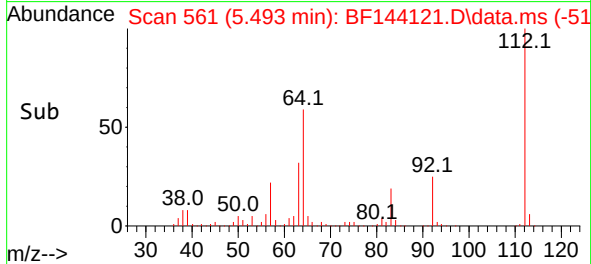
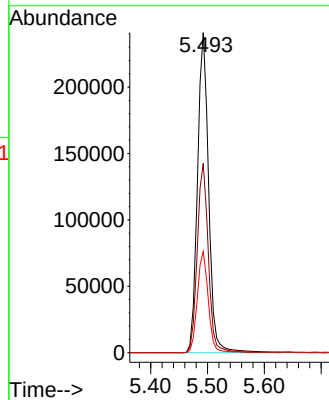
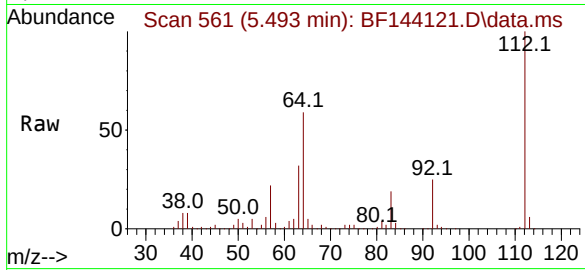




#5
2-Fluorophenol
Concen: 85.206 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

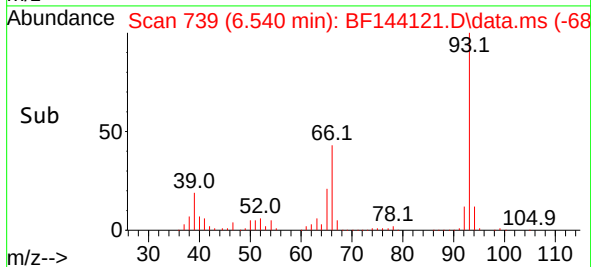
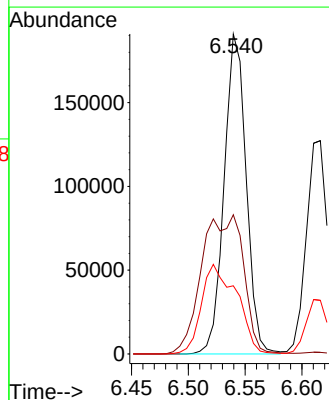
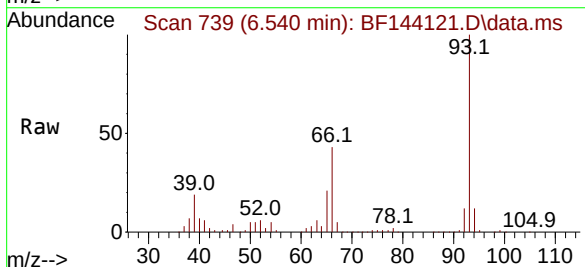
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

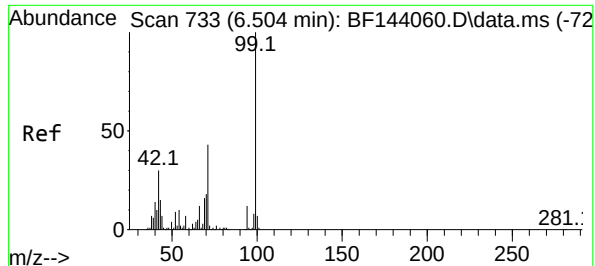
Tgt Ion:112 Resp: 330929
Ion Ratio Lower Upper
112 100
64 59.1 49.8 74.8
63 31.6 27.4 41.2



#6
Aniline
Concen: 42.009 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion: 93 Resp: 257784
Ion Ratio Lower Upper
93 100
66 43.5 35.7 53.5
65 21.3 17.0 25.6

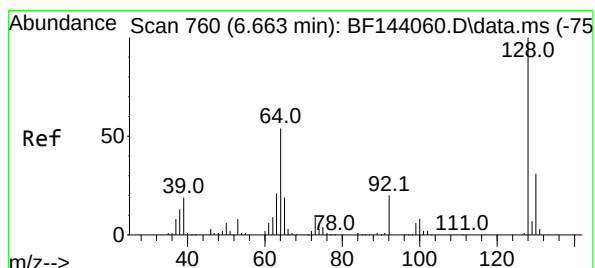
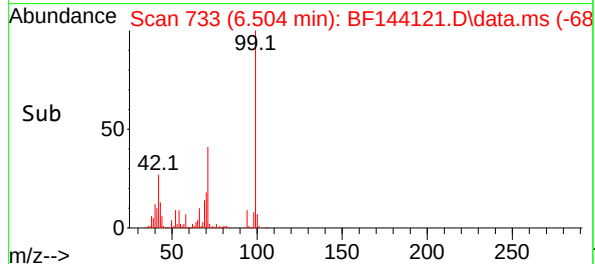
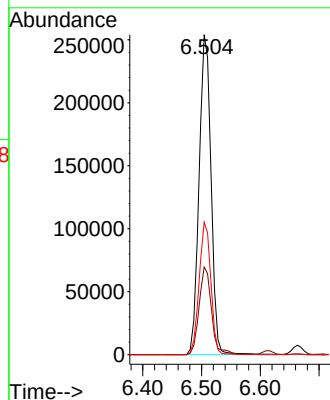
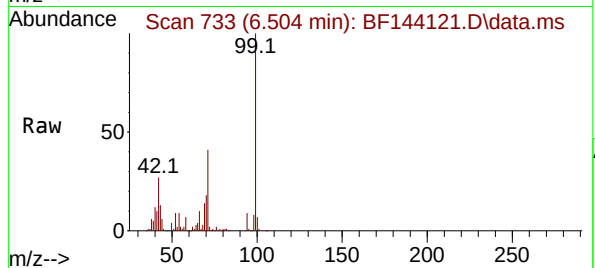




#7
Phenol-d6
Concen: 83.686 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

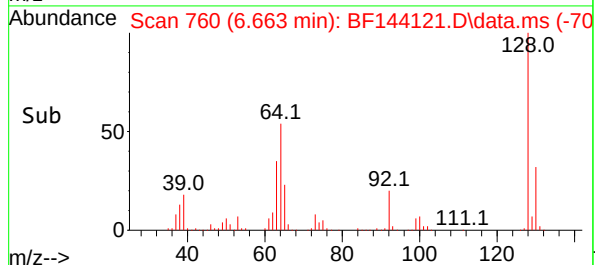
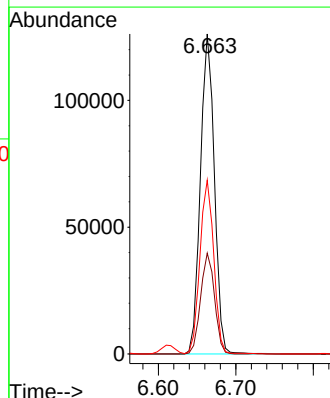
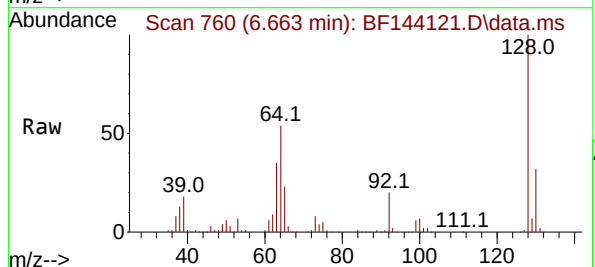
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

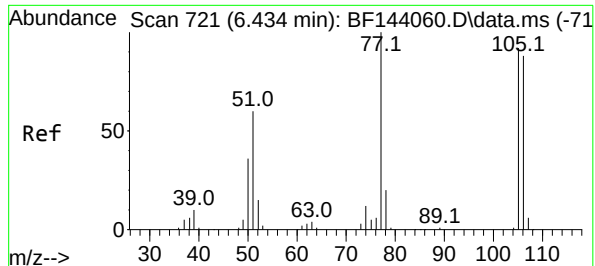
Tgt Ion: 99 Resp: 358957
Ion Ratio Lower Upper
99 100
42 27.4 23.9 35.9
71 41.4 34.4 51.6



#8
2-Chlorophenol
Concen: 41.239 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion: 128 Resp: 157734
Ion Ratio Lower Upper
128 100
130 31.5 10.7 50.7
64 54.3 34.7 74.7





#9

Benzaldehyde

Concen: 38.777 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

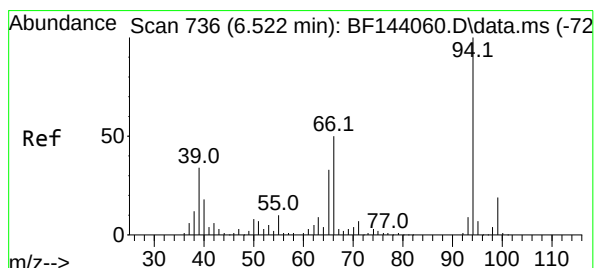
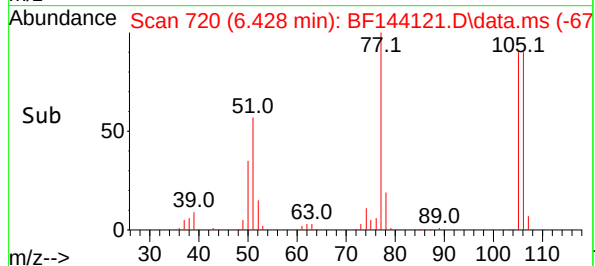
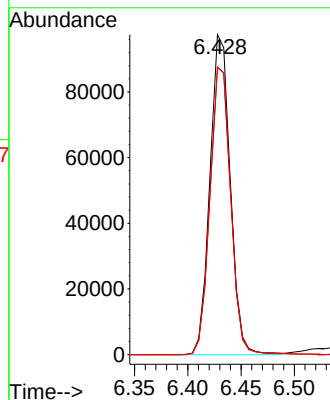
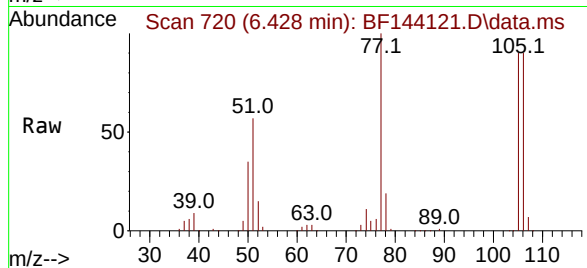
Tgt Ion: 77 Resp: 129140

Ion Ratio Lower Upper

77 100

105 89.9 72.2 112.2

106 89.8 67.9 107.9



#10

Phenol

Concen: 42.796 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

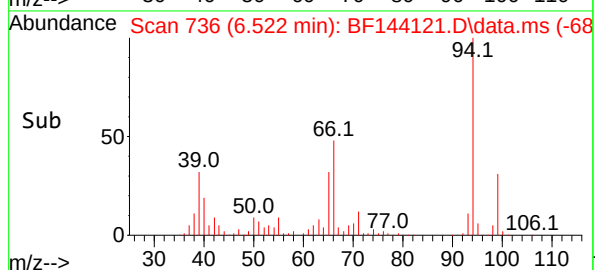
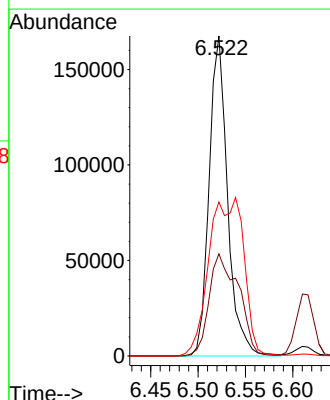
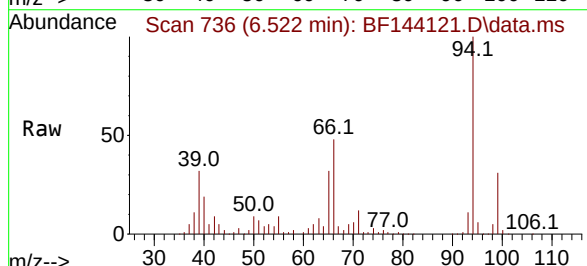
Tgt Ion: 94 Resp: 226466

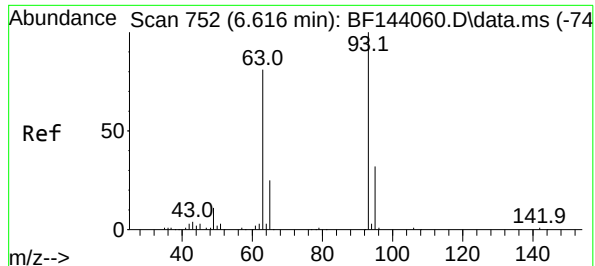
Ion Ratio Lower Upper

94 100

65 31.9 13.1 53.1

66 48.1 30.6 70.6

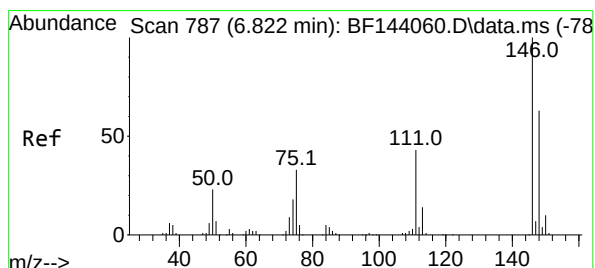
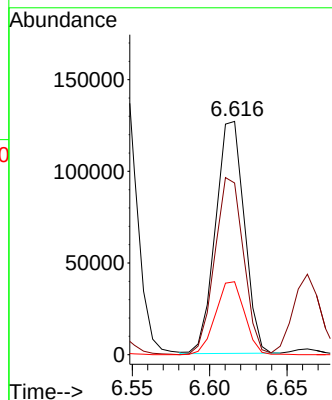
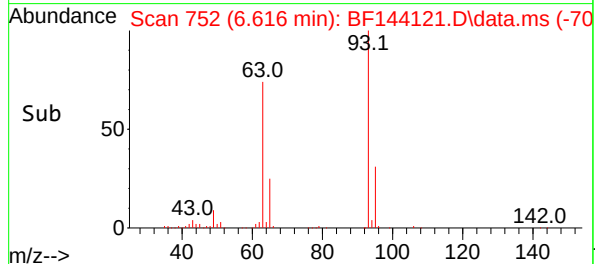
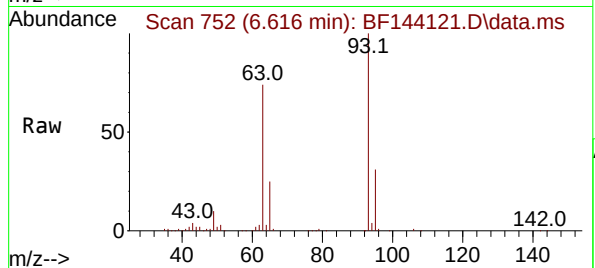




#11
bis(2-Chloroethyl)ether
Concen: 42.797 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

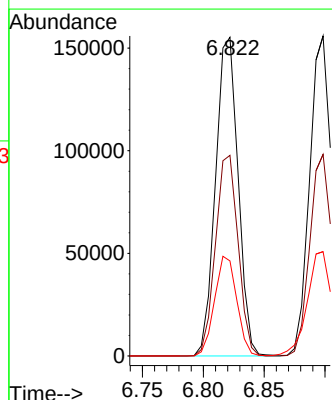
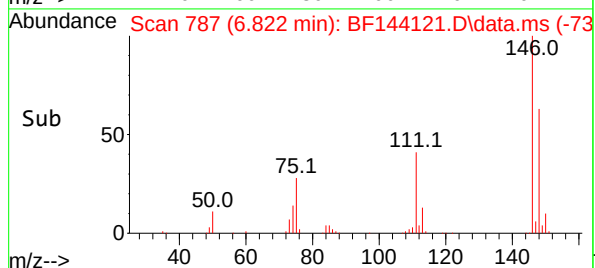
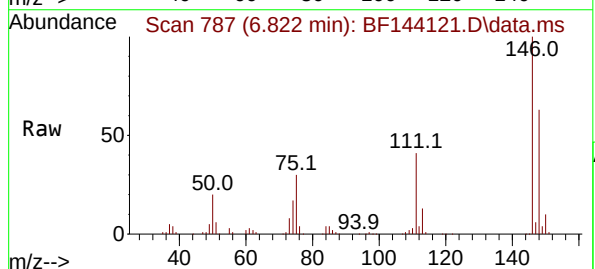
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

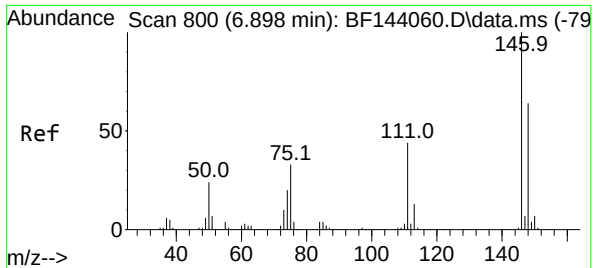
Tgt Ion: 93 Resp: 163647
Ion Ratio Lower Upper
93 100
63 73.6 60.2 100.2
95 31.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.415 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion: 146 Resp: 200122
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 29.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.348 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

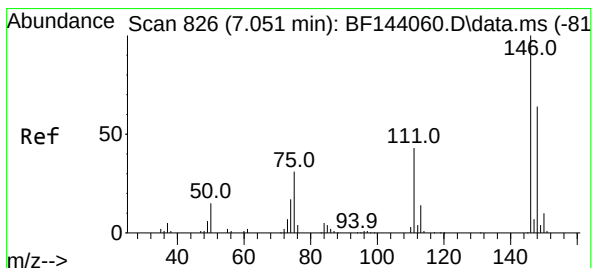
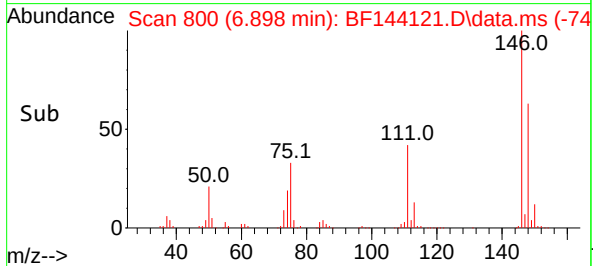
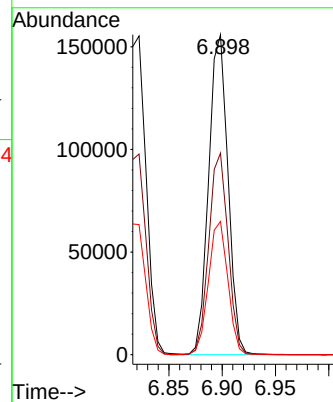
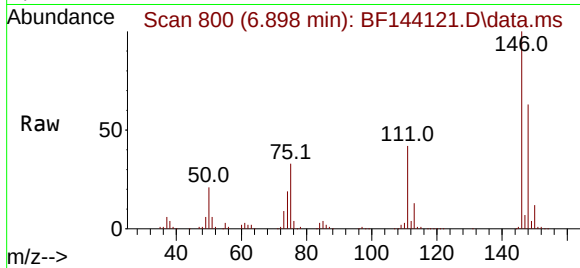
Tgt Ion:146 Resp: 196909

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

111 41.6 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 41.472 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

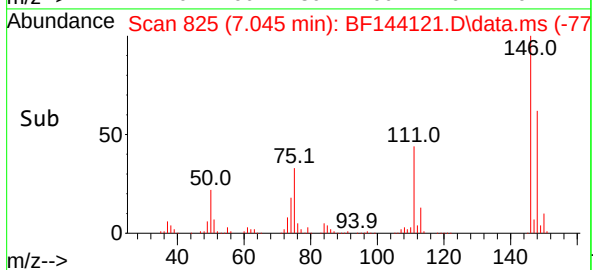
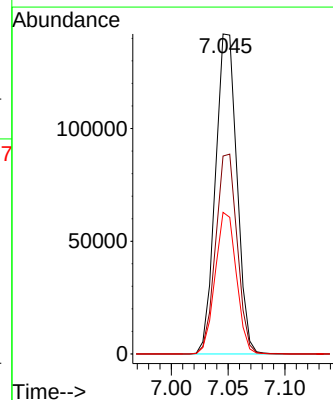
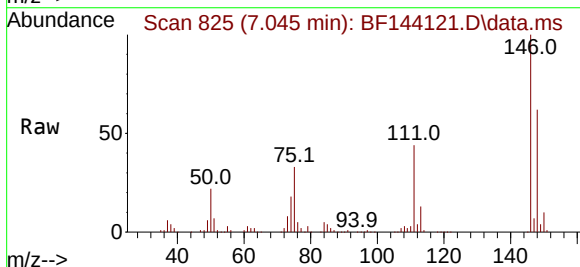
Tgt Ion:146 Resp: 186585

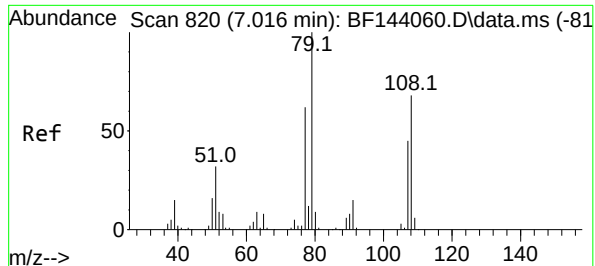
Ion Ratio Lower Upper

146 100

148 61.9 50.8 76.2

111 44.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 41.303 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

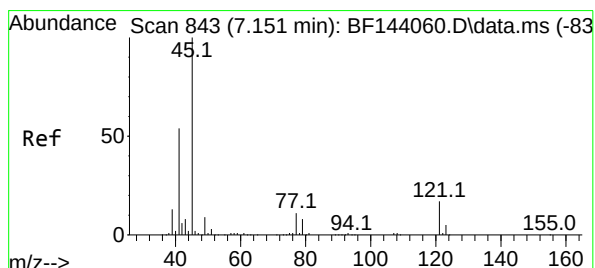
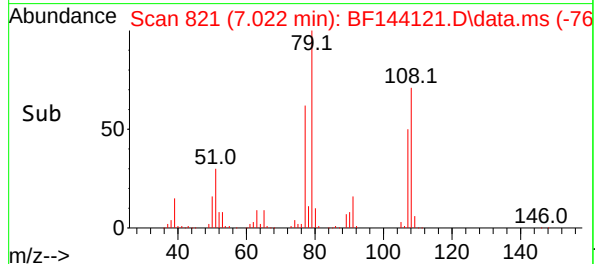
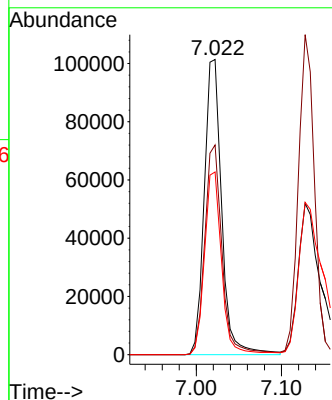
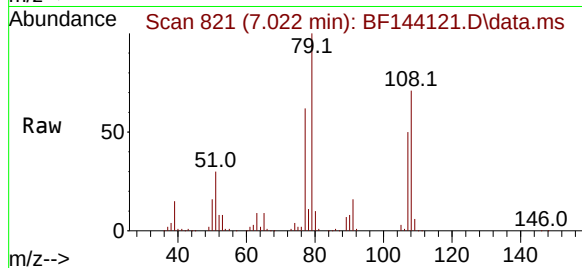
Tgt Ion: 79 Resp: 144053

Ion Ratio Lower Upper

79 100

108 71.1 54.8 82.2

77 61.9 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.062 ng

RT: 7.145 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

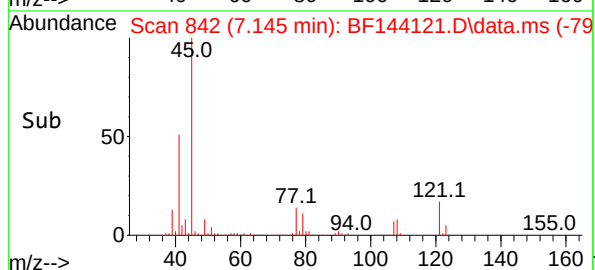
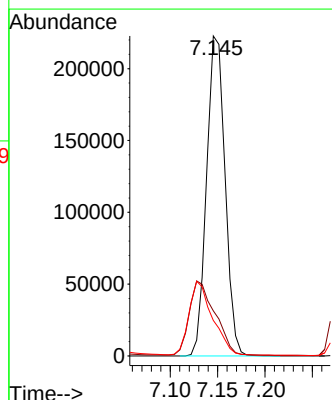
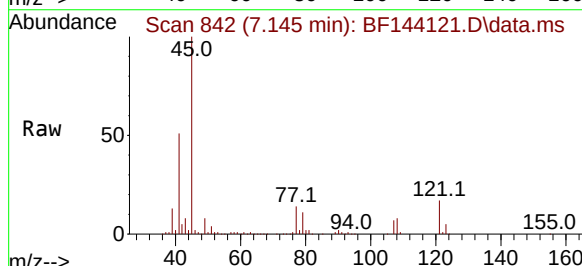
Tgt Ion: 45 Resp: 302282

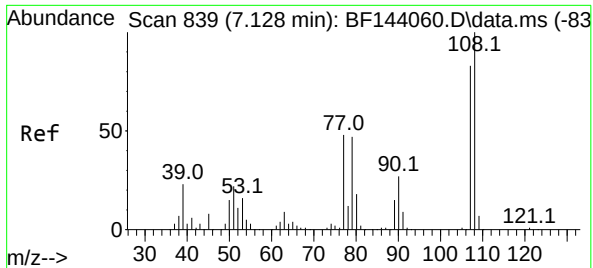
Ion Ratio Lower Upper

45 100

77 14.1 0.0 30.9

79 11.1 0.0 28.2



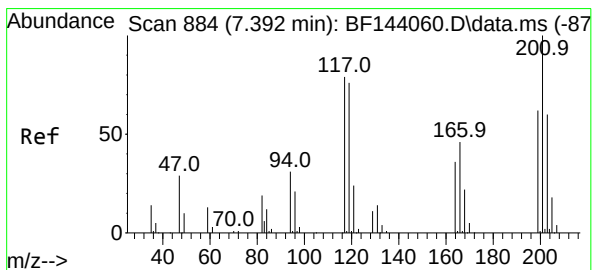
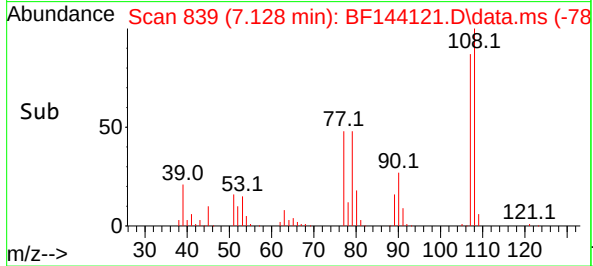
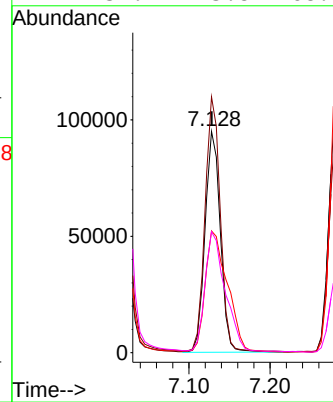
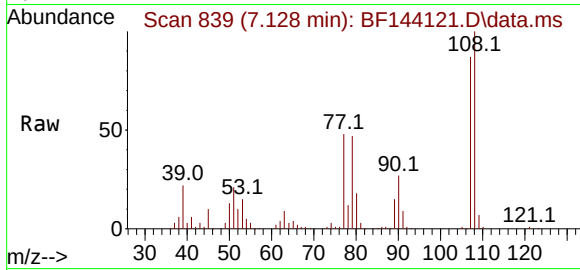


#17
2-Methylphenol
Concen: 42.361 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 124615

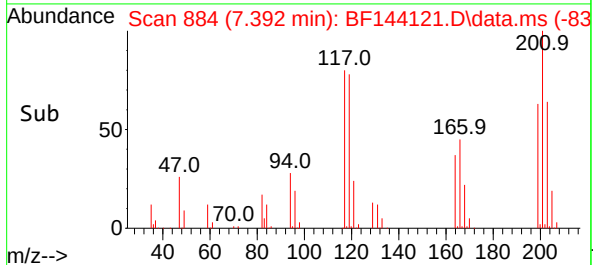
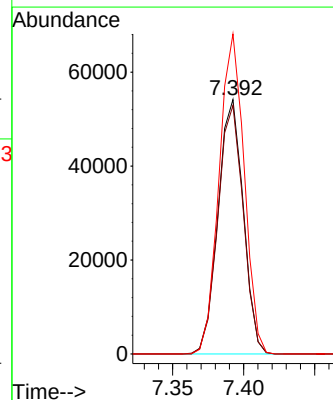
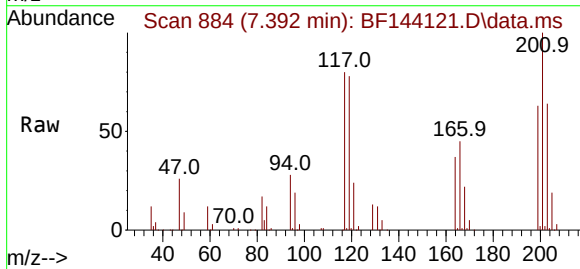
Ion	Ratio	Lower	Upper
107	100		
108	115.6	96.4	144.6
77	55.0	46.8	70.2
79	54.7	45.8	68.6

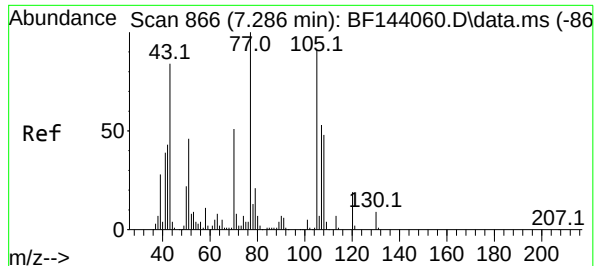


#18
Hexachloroethane
Concen: 40.302 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:117 Resp: 66998

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.6	115.0
201	125.8	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.075 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 113931

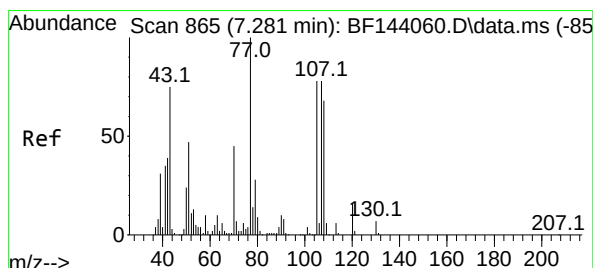
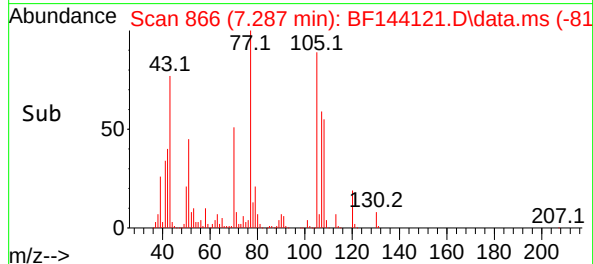
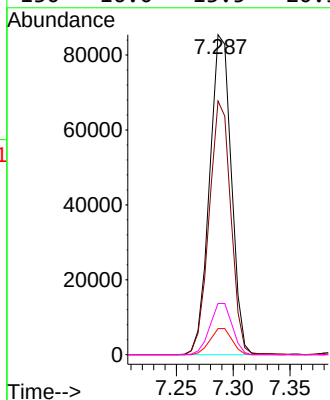
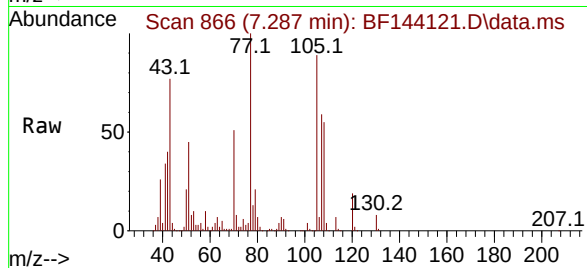
Ion Ratio Lower Upper

70 100

42 79.3 67.4 101.0

101 8.1 7.1 10.7

130 16.0 13.5 20.3



#20

3+4-Methylphenols

Concen: 43.254 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Tgt Ion: 107 Resp: 150418

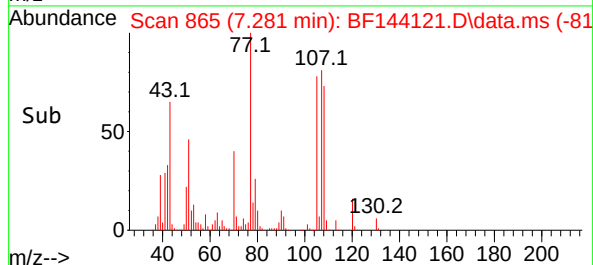
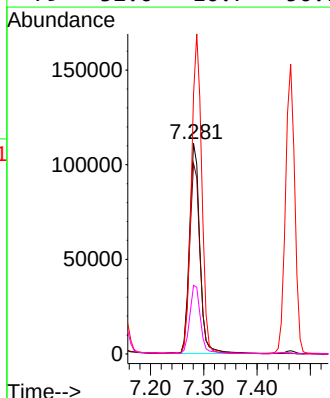
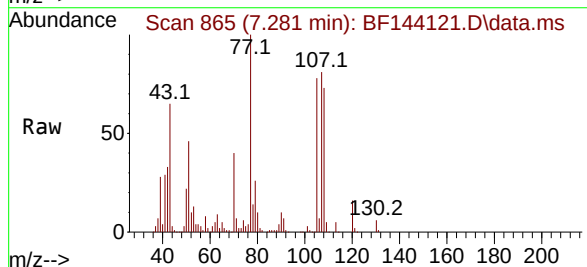
Ion Ratio Lower Upper

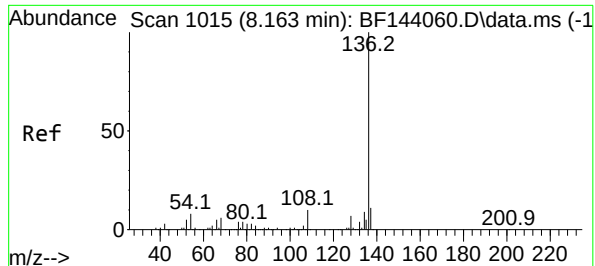
107 100

108 90.5 68.0 108.0

77 123.6 108.7 148.7

79 32.6 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 232371

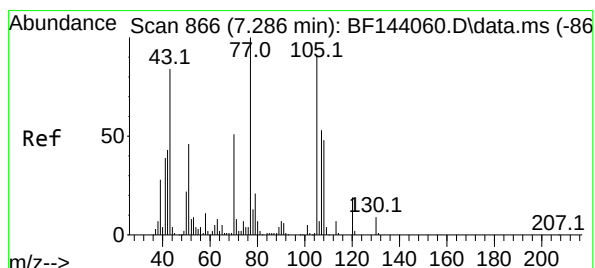
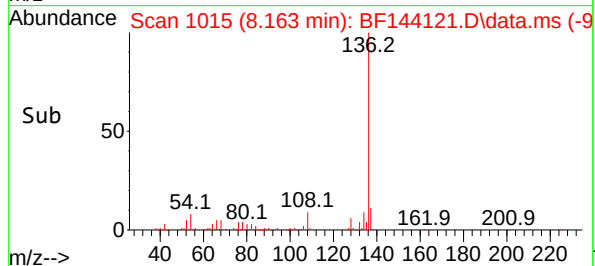
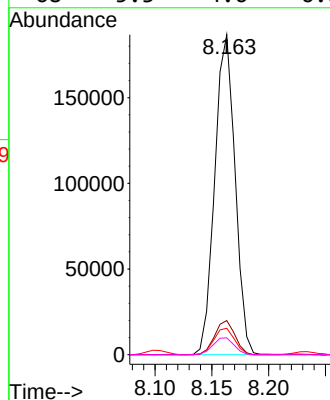
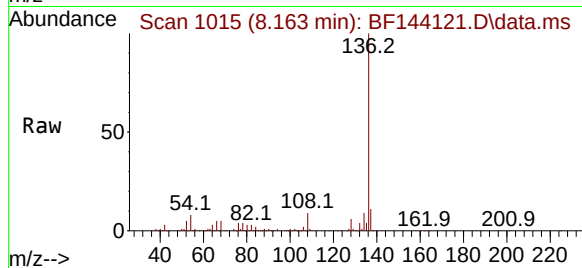
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.3 6.6 9.8

68 5.3 4.6 6.8



#22

Acetophenone

Concen: 39.693 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Tgt Ion:105 Resp: 199329

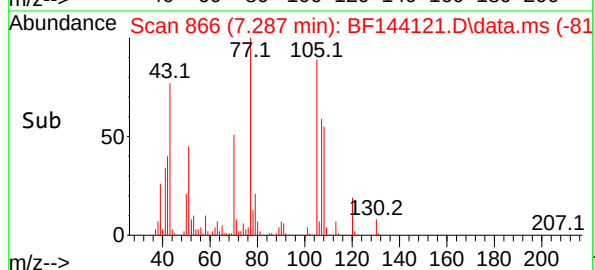
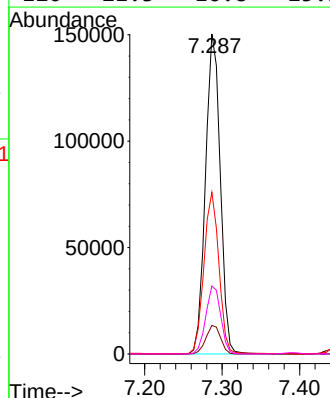
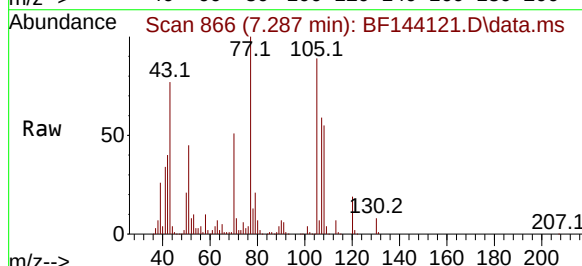
Ion Ratio Lower Upper

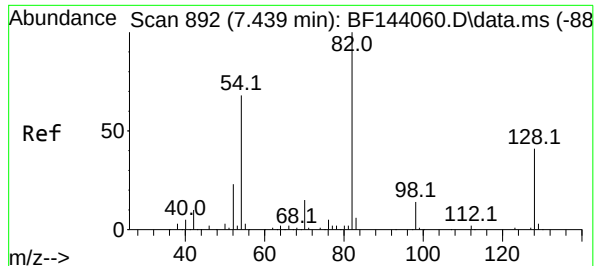
105 100

71 8.9 6.9 10.3

51 50.5 40.6 60.8

120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 79.215 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

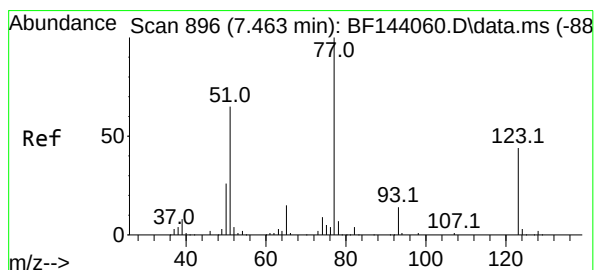
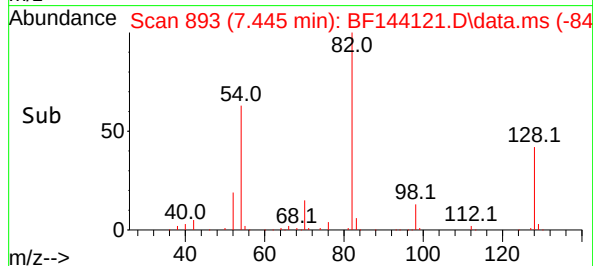
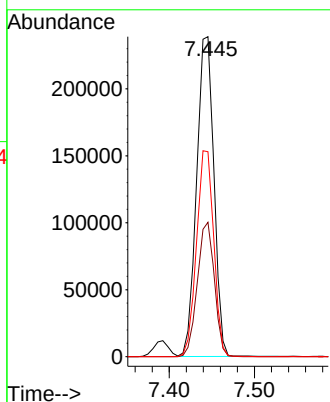
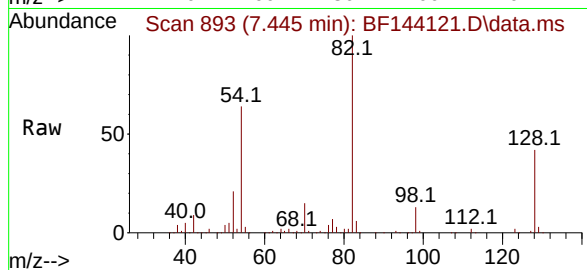
Tgt Ion: 82 Resp: 335980

Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 64.0 54.0 81.0



#24

Nitrobenzene

Concen: 40.760 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

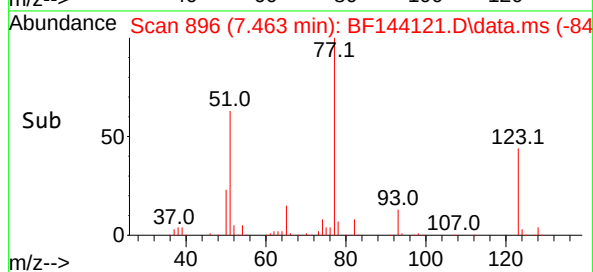
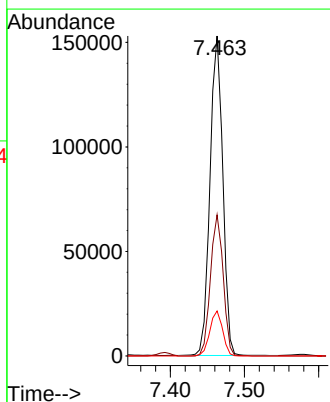
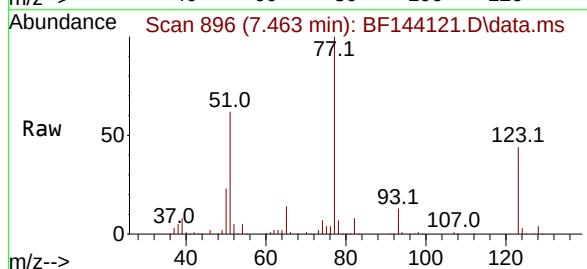
Tgt Ion: 77 Resp: 182876

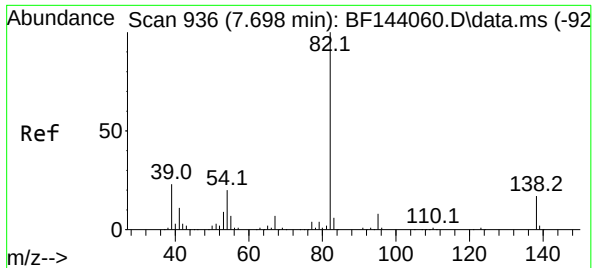
Ion Ratio Lower Upper

77 100

123 44.1 35.0 52.6

65 14.1 12.2 18.2

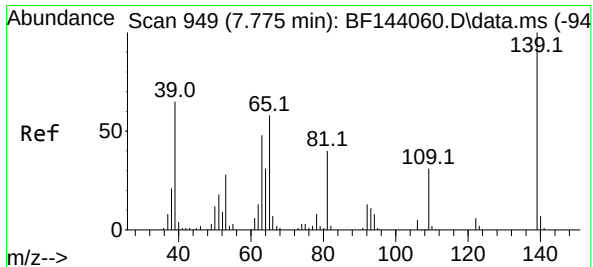
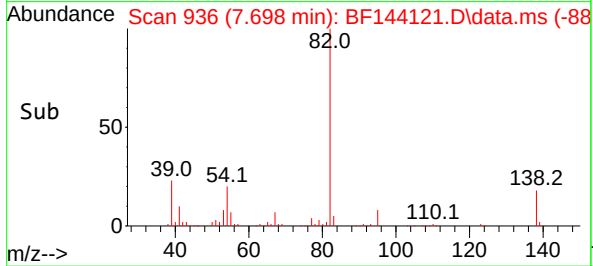
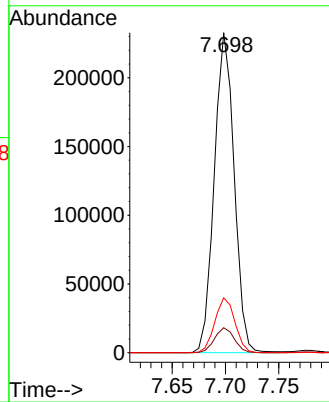
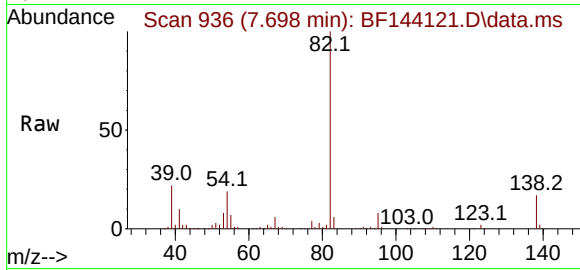




#25
Isophorone
Concen: 40.647 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

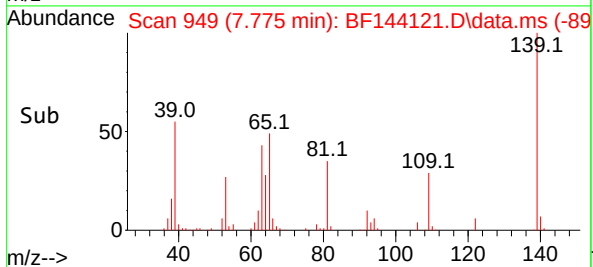
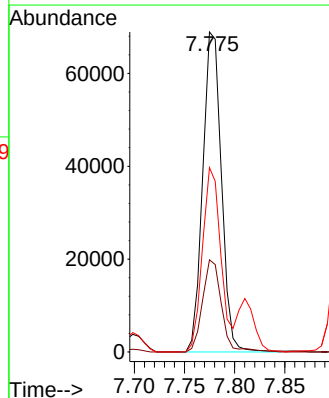
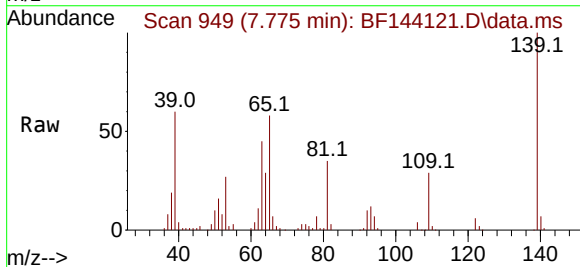
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

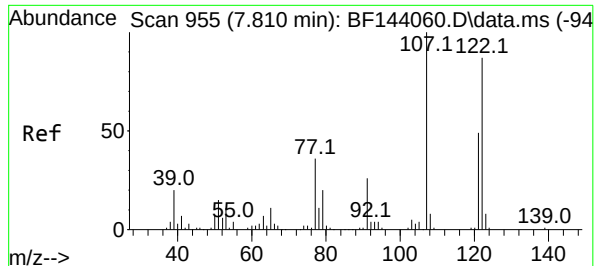
Tgt Ion:	82	Resp:	301404
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	9.8
138	17.1	13.8	20.8



#26
2-Nitrophenol
Concen: 42.017 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:	139	Resp:	89681
Ion Ratio	Lower	Upper	
139	100		
109	28.8	24.6	37.0
65	57.6	46.6	69.8





#27

2,4-Dimethylphenol

Concen: 42.492 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

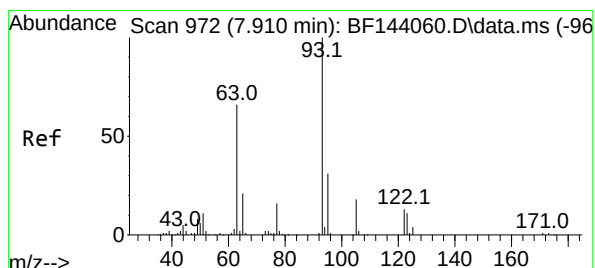
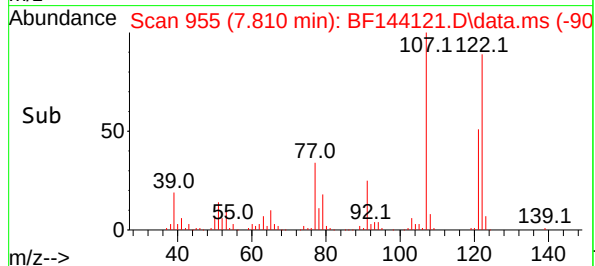
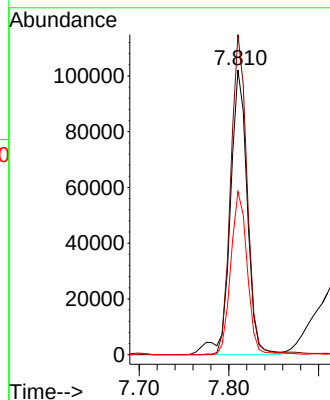
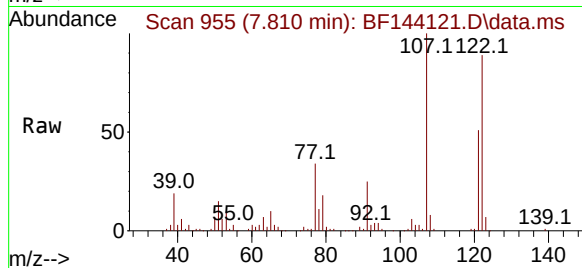
Tgt Ion:122 Resp: 134777

Ion Ratio Lower Upper

122 100

107 112.4 91.8 137.8

121 57.3 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.132 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

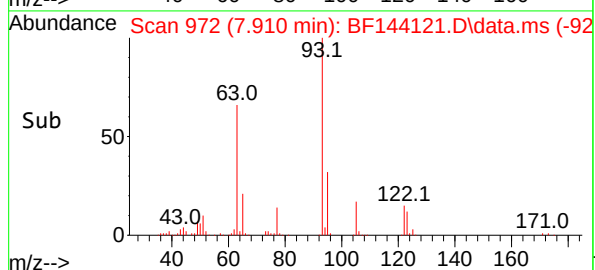
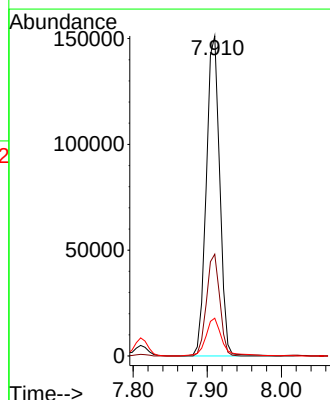
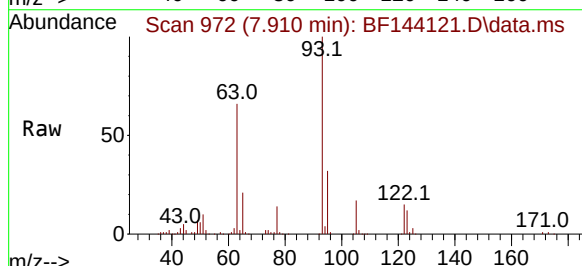
Tgt Ion: 93 Resp: 190207

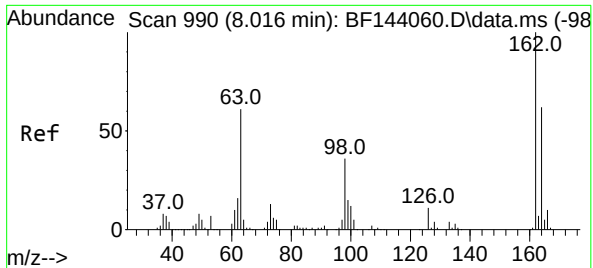
Ion Ratio Lower Upper

93 100

95 31.8 24.6 36.8

123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.318 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

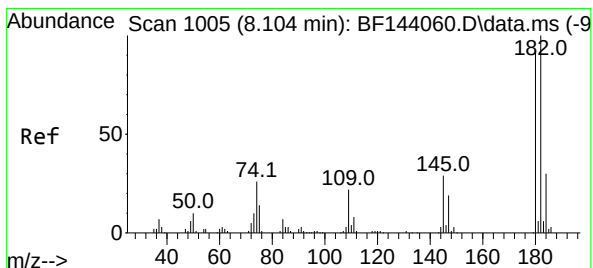
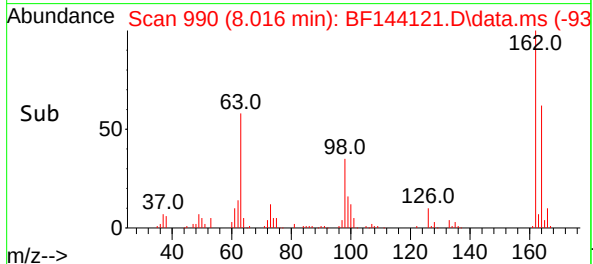
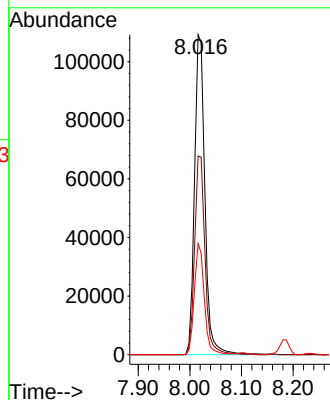
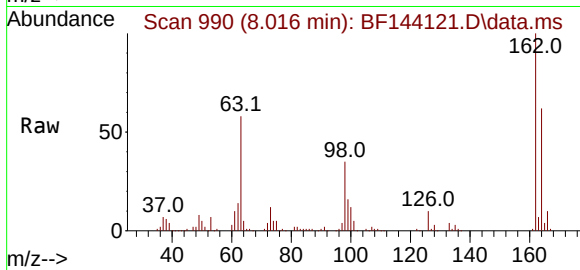
Tgt Ion:162 Resp: 152408

Ion Ratio Lower Upper

162 100

164 62.1 42.1 82.1

98 34.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 40.926 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

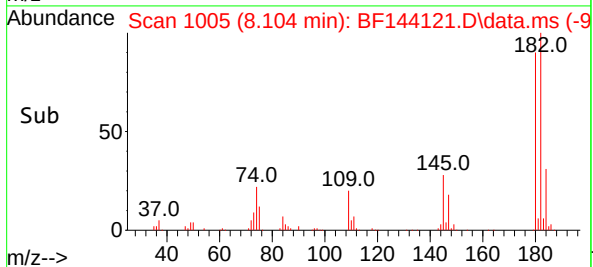
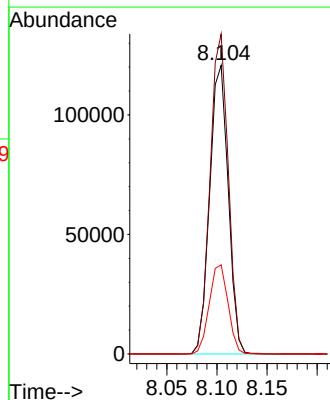
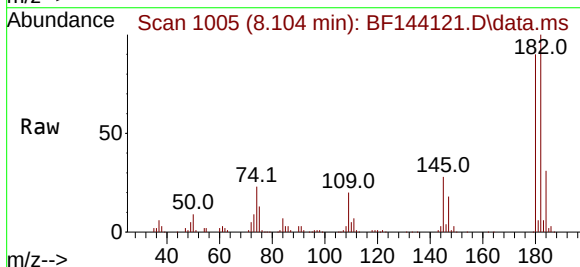
Tgt Ion:180 Resp: 155305

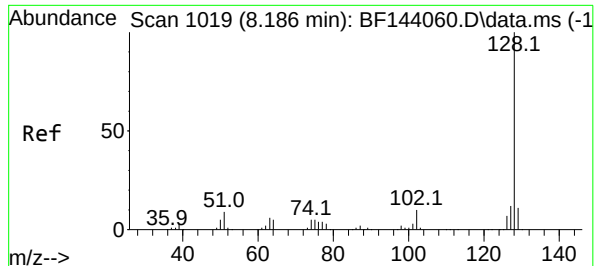
Ion Ratio Lower Upper

180 100

182 110.8 87.1 130.7

145 30.9 25.3 37.9





#31

Naphthalene

Concen: 40.566 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

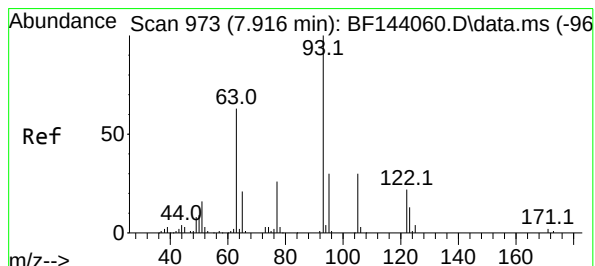
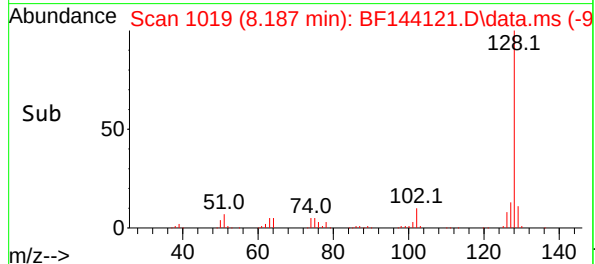
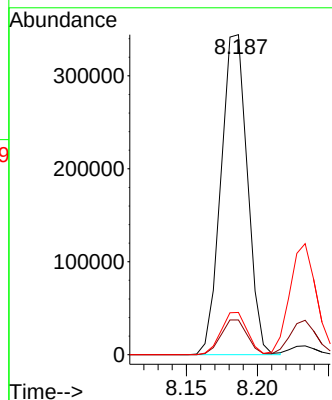
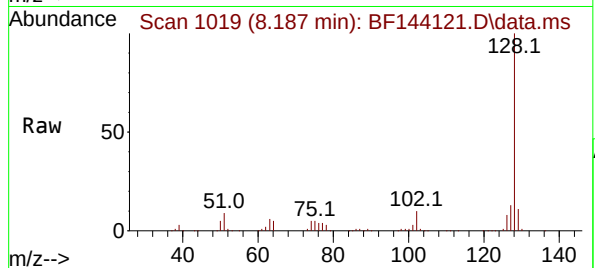
Tgt Ion:128 Resp: 444899

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.2 9.9 14.9



#32

Benzoic acid

Concen: 43.387 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

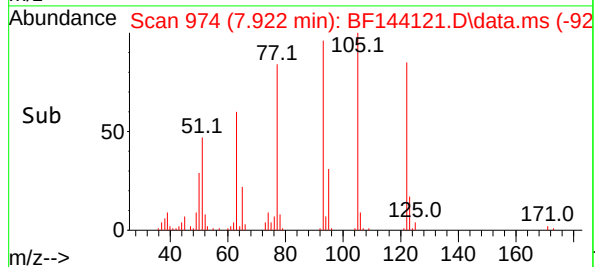
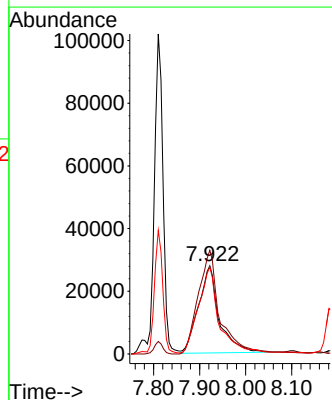
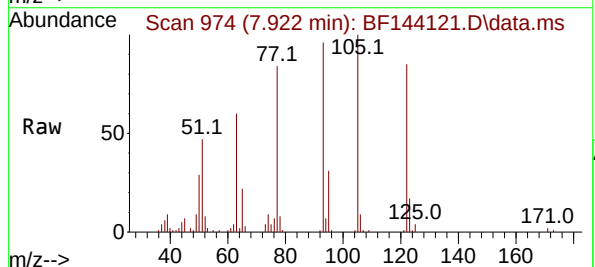
Tgt Ion:122 Resp: 87292

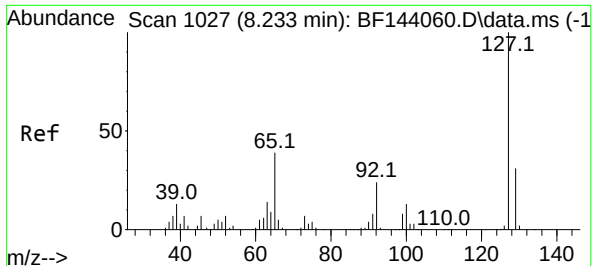
Ion Ratio Lower Upper

122 100

105 117.6 111.3 151.3

77 98.7 96.7 136.7





#33

4-Chloroaniline

Concen: 42.453 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 162085

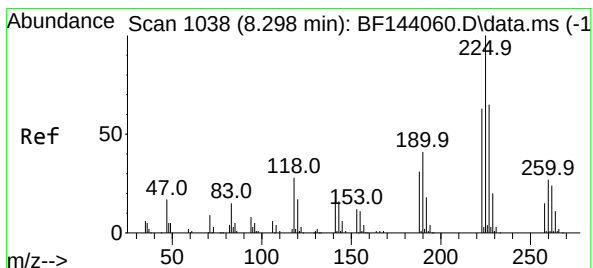
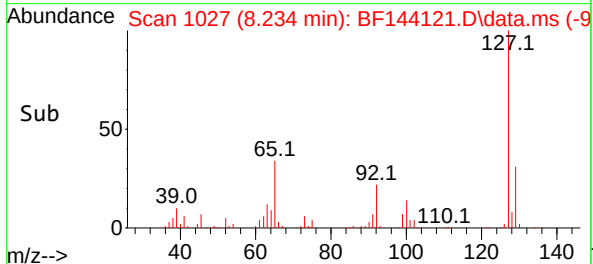
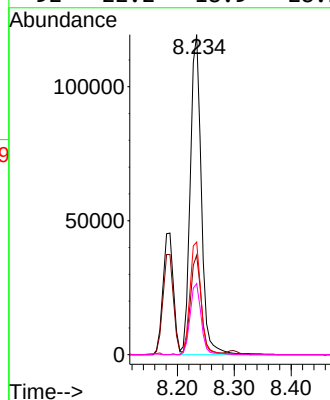
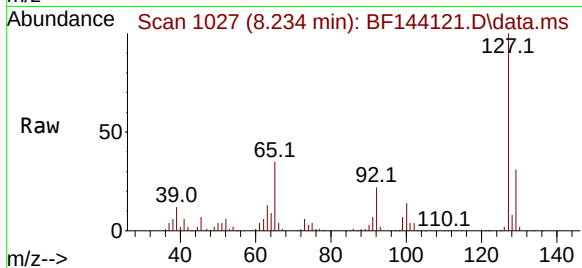
Ion Ratio Lower Upper

127 100

129 31.0 25.6 38.4

65 35.2 30.9 46.3

92 22.2 18.9 28.3



#34

Hexachlorobutadiene

Concen: 38.895 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

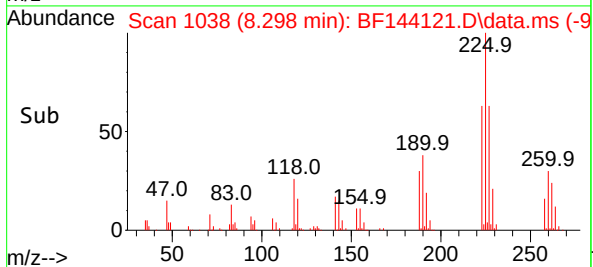
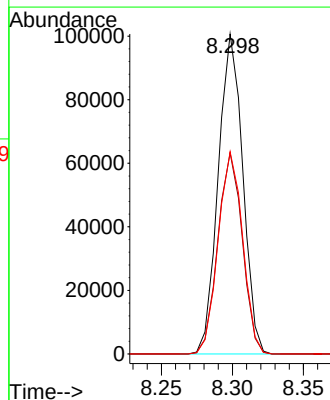
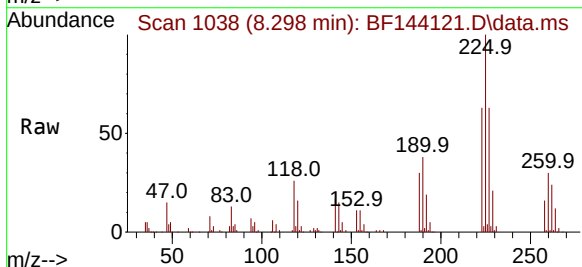
Tgt Ion:225 Resp: 120689

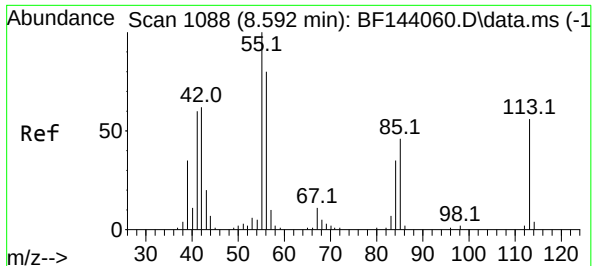
Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 63.2 51.8 77.8





#35

Caprolactam

Concen: 42.378 ng

RT: 8.598 min Scan# 1089

Delta R.T. 0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

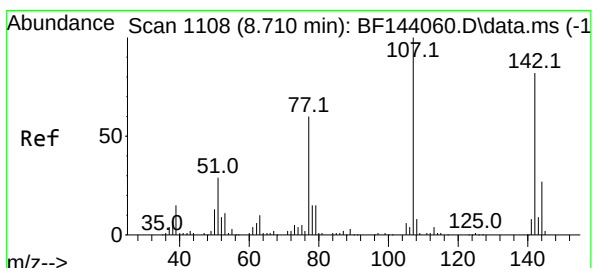
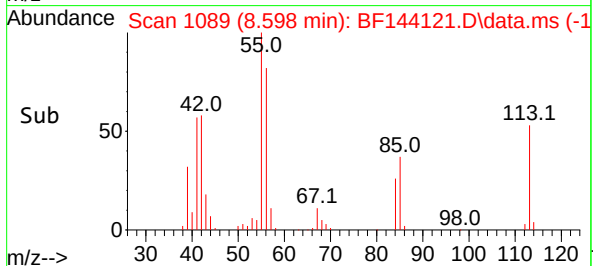
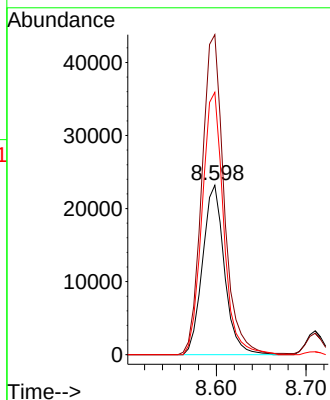
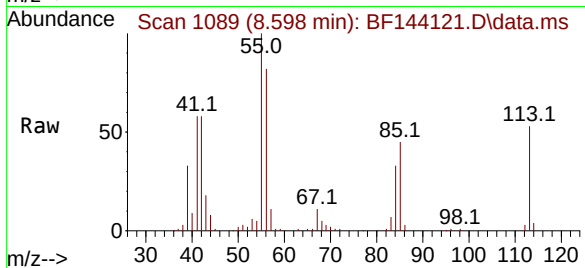
Tgt Ion:113 Resp: 39199

Ion Ratio Lower Upper

113 100

55 188.9 160.1 200.1

56 154.9 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 42.237 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

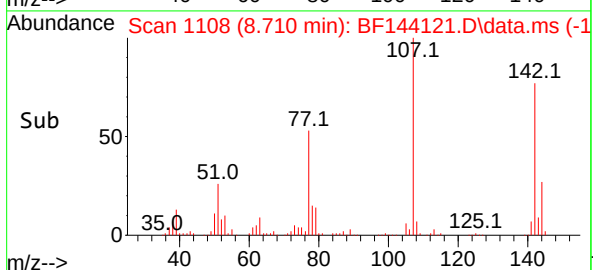
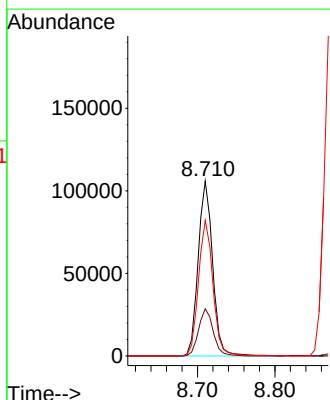
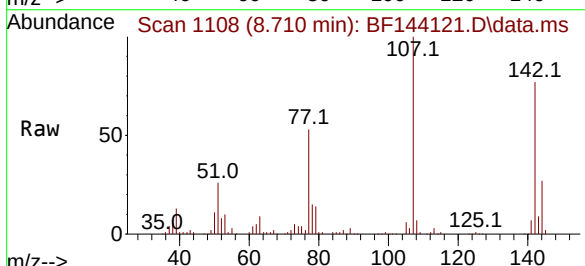
Tgt Ion:107 Resp: 137486

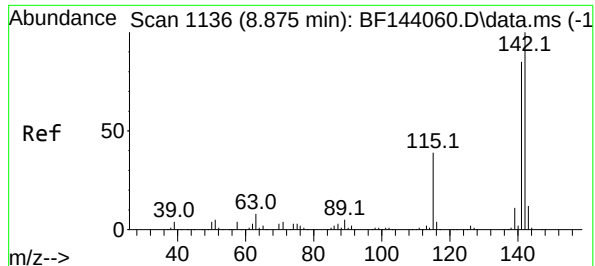
Ion Ratio Lower Upper

107 100

144 27.0 21.6 32.4

142 77.5 65.4 98.0





#37

2-Methylnaphthalene

Concen: 40.463 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

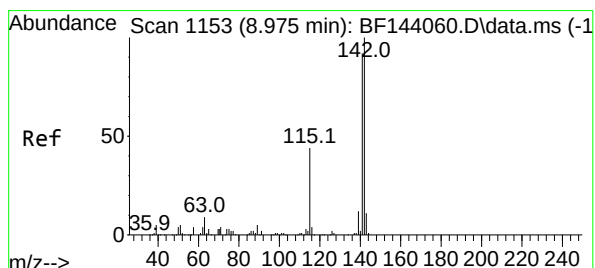
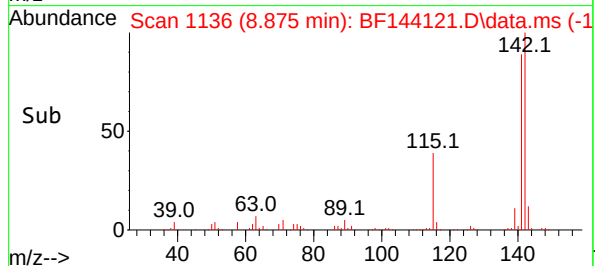
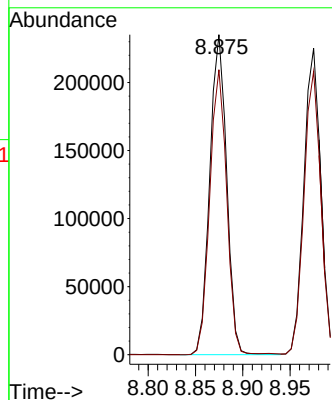
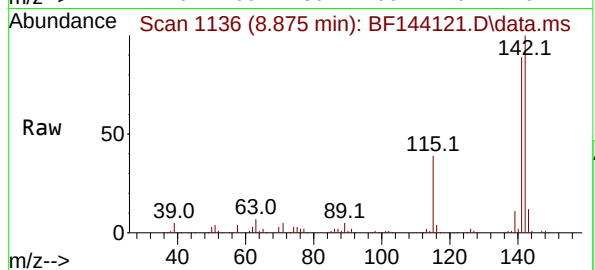
SSTDCCC040

Tgt Ion:142 Resp: 292579

Ion Ratio Lower Upper

142 100

141 89.1 67.6 101.4



#38

1-Methylnaphthalene

Concen: 40.665 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144121.D

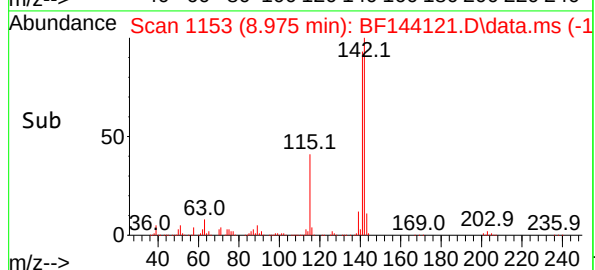
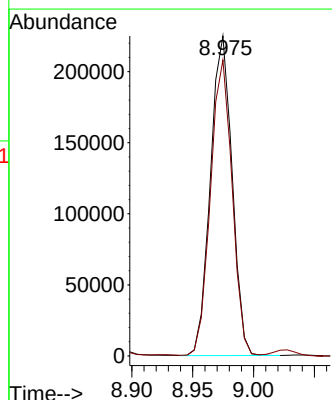
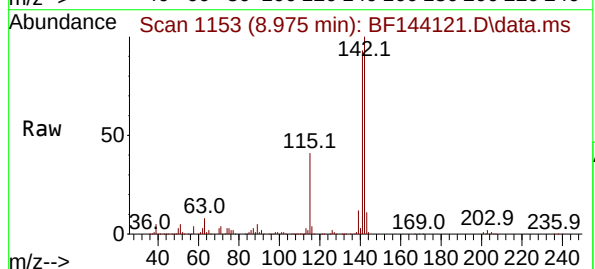
Acq: 29 Oct 2025 11:30

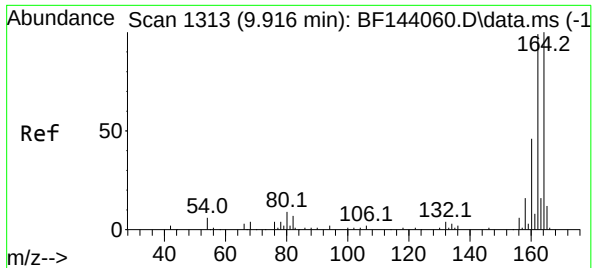
Tgt Ion:142 Resp: 278578

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.2

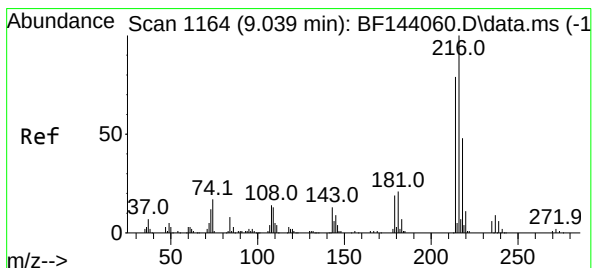
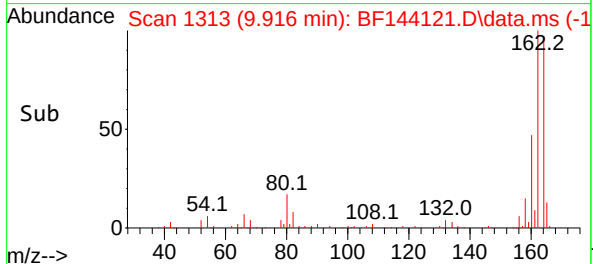
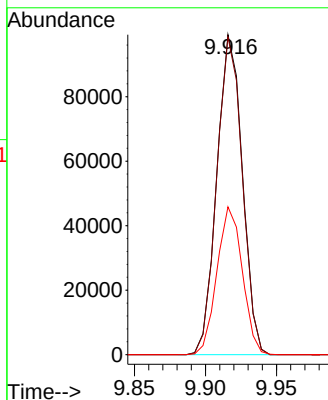
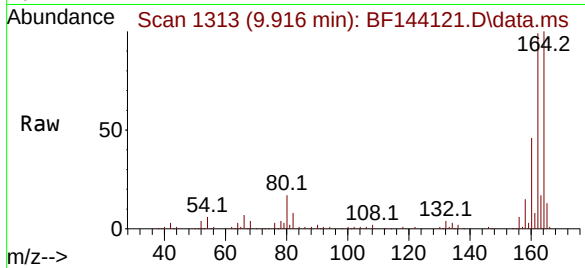




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

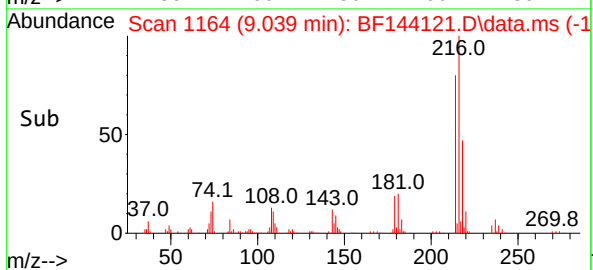
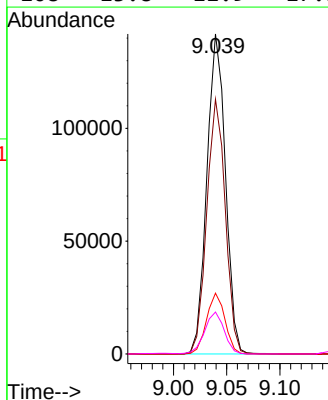
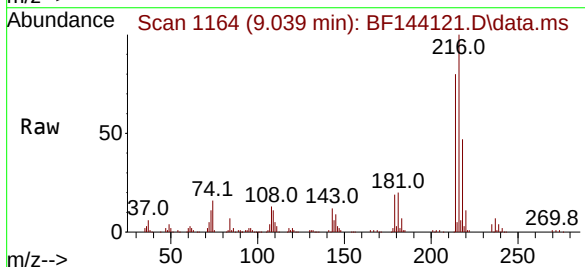
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

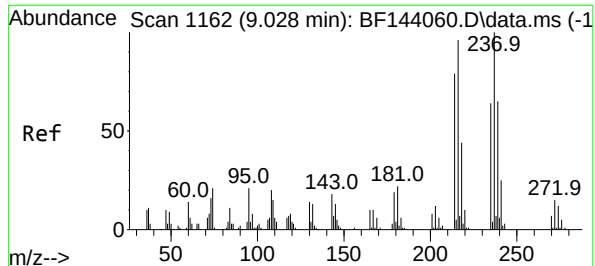
Tgt Ion:164 Resp: 124035
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 46.2 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.433 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:216 Resp: 172358
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 18.8 15.2 22.8
108 13.8 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 34.011 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

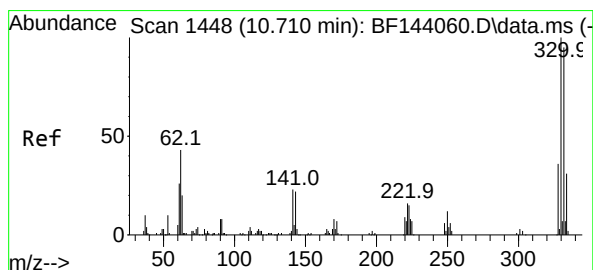
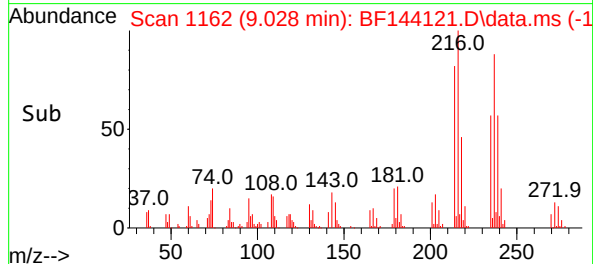
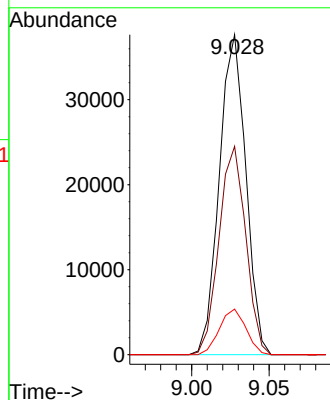
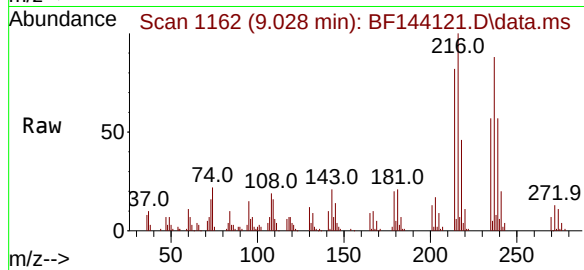
Tgt Ion:237 Resp: 44780

Ion Ratio Lower Upper

237 100

235 65.1 44.3 84.3

272 14.3 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 79.017 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

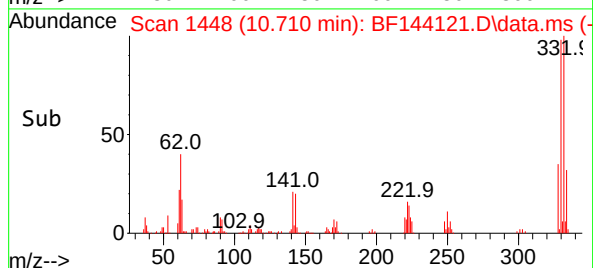
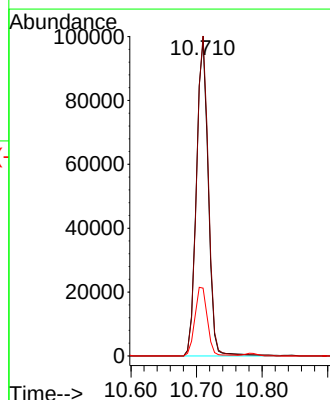
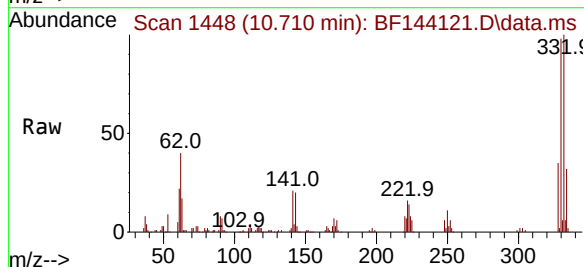
Tgt Ion:330 Resp: 124844

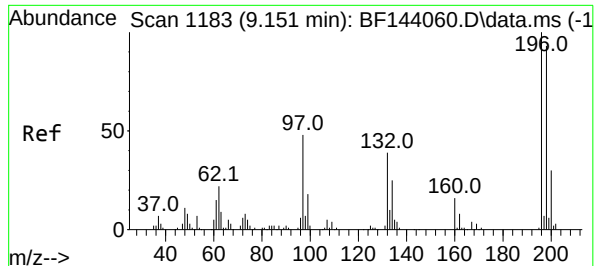
Ion Ratio Lower Upper

330 100

332 101.3 77.0 115.6

141 23.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 41.760 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

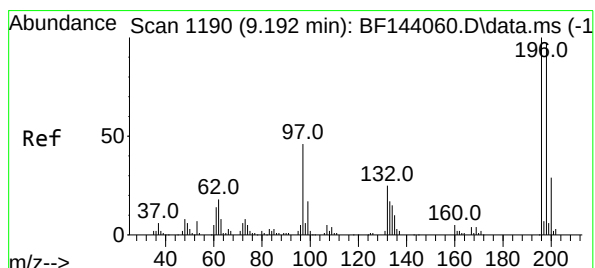
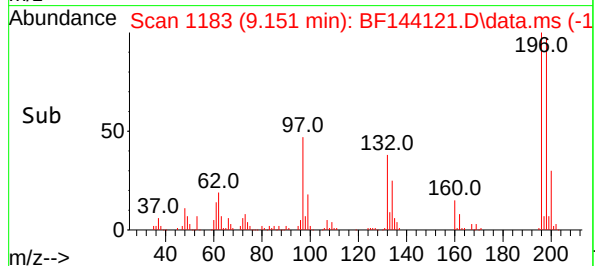
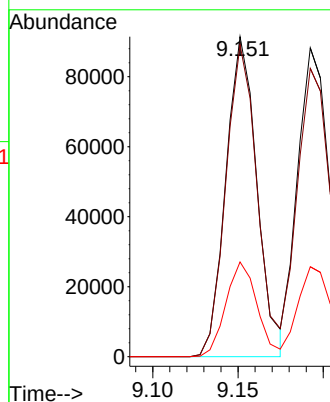
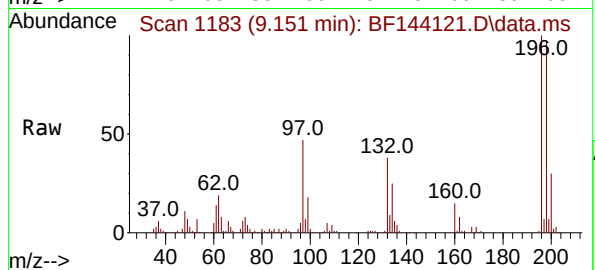
Tgt Ion:196 Resp: 115708

Ion Ratio Lower Upper

196 100

198 97.5 74.4 111.6

200 29.6 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 41.791 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Tgt Ion:196 Resp: 121526

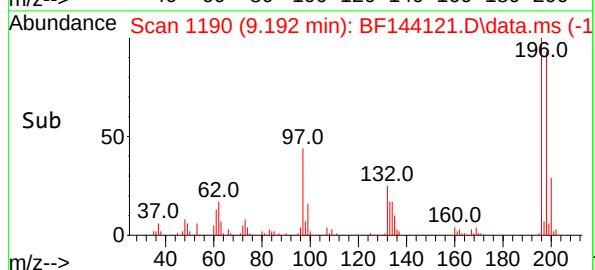
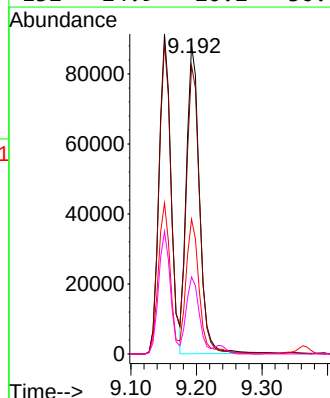
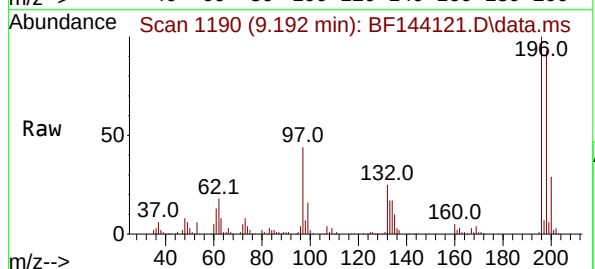
Ion Ratio Lower Upper

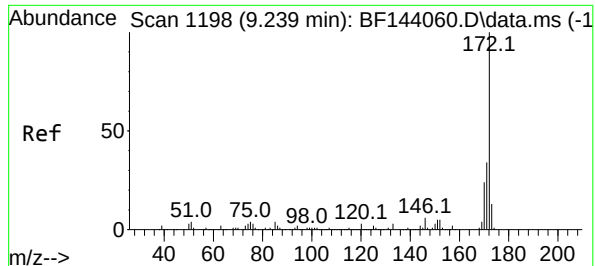
196 100

198 93.4 78.0 117.0

97 43.6 37.7 56.5

132 24.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 77.029 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

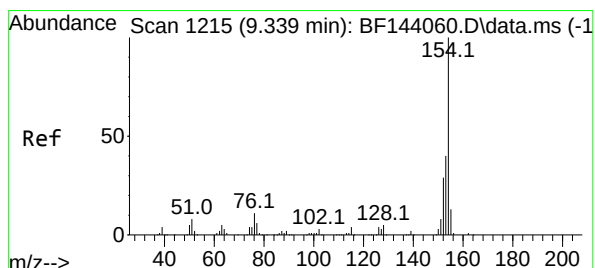
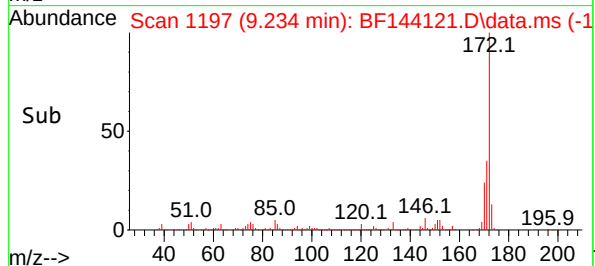
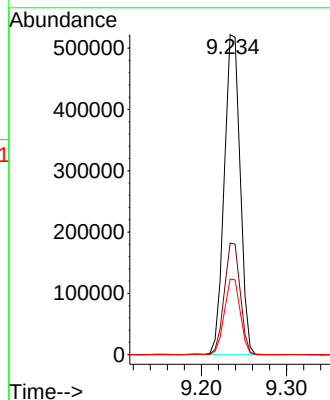
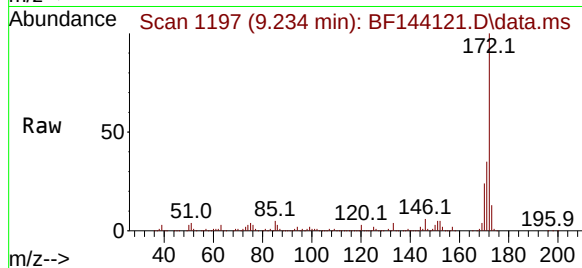
Tgt Ion:172 Resp: 678951

Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.957 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

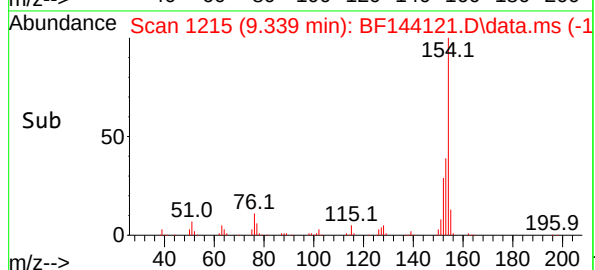
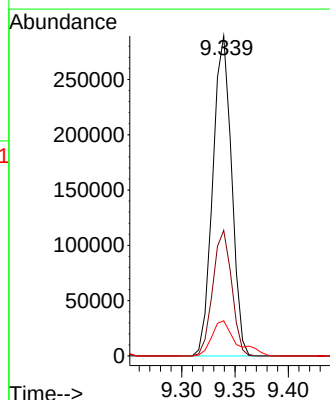
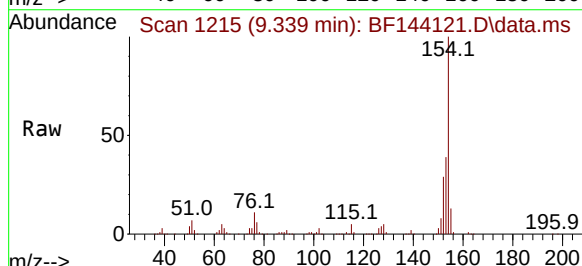
Tgt Ion:154 Resp: 354773

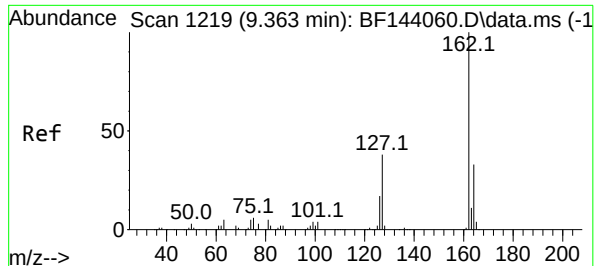
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.405 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

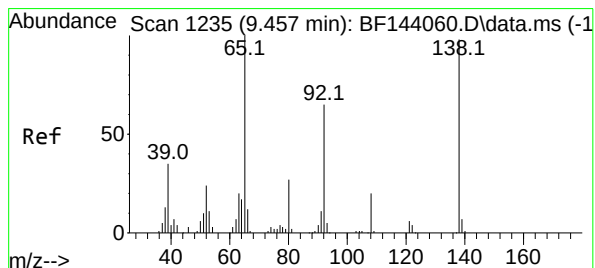
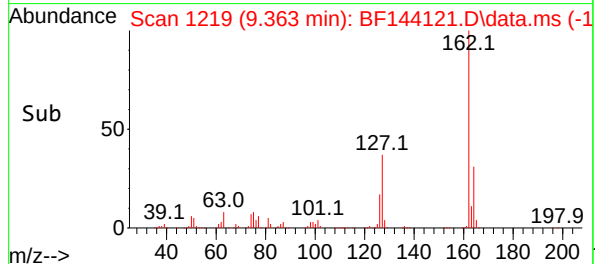
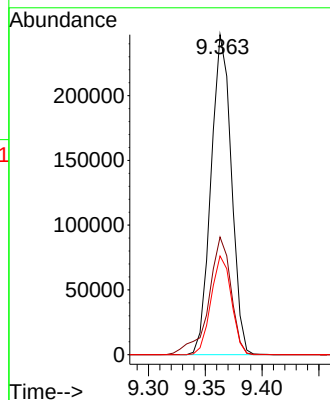
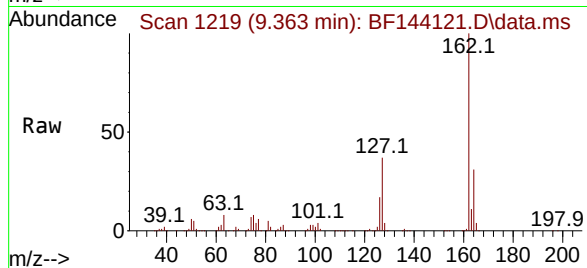
Tgt Ion:162 Resp: 307997

Ion Ratio Lower Upper

162 100

127 36.8 31.6 47.4

164 30.8 26.5 39.7



#48

2-Nitroaniline

Concen: 40.037 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

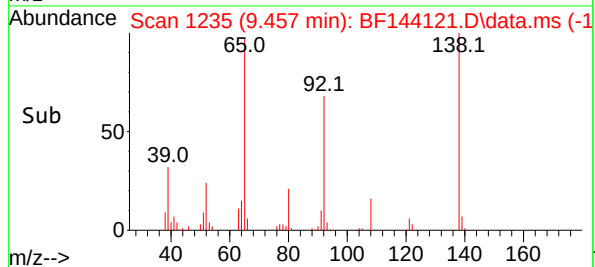
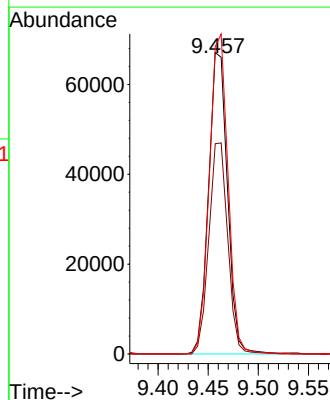
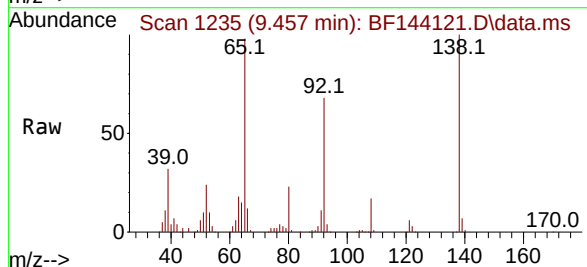
Tgt Ion: 65 Resp: 88438

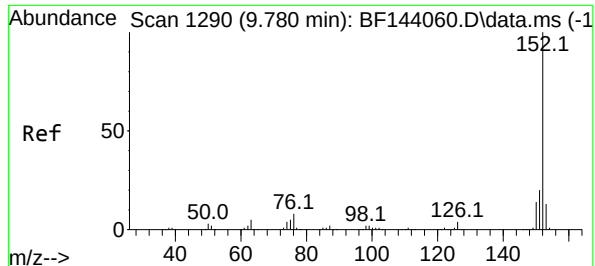
Ion Ratio Lower Upper

65 100

92 69.8 52.3 78.5

138 102.0 78.3 117.5





#49

Acenaphthylene

Concen: 41.536 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

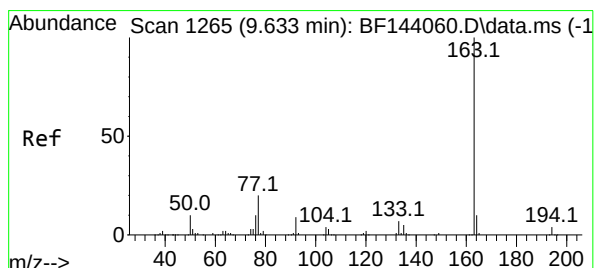
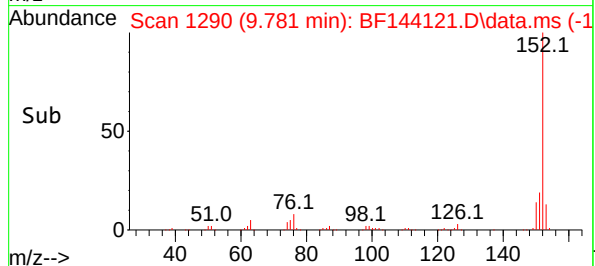
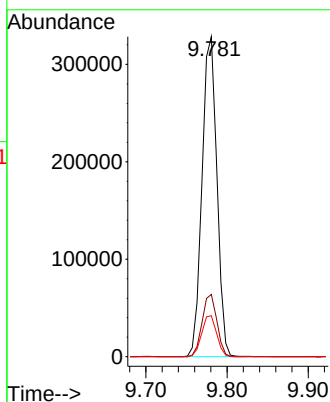
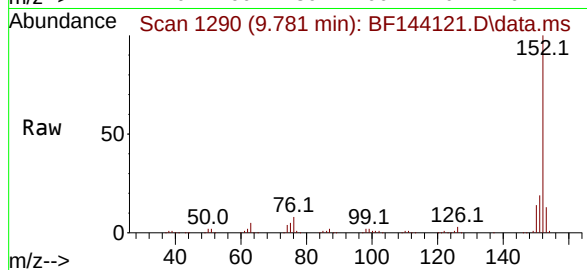
Tgt Ion:152 Resp: 416607

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 41.342 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

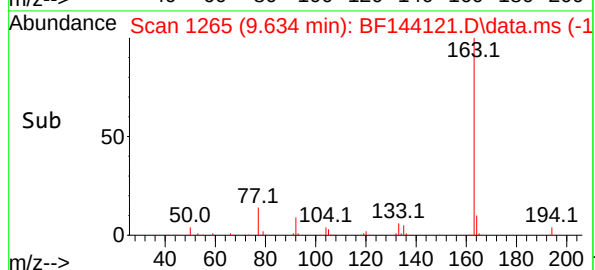
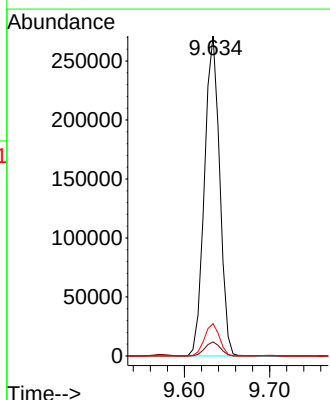
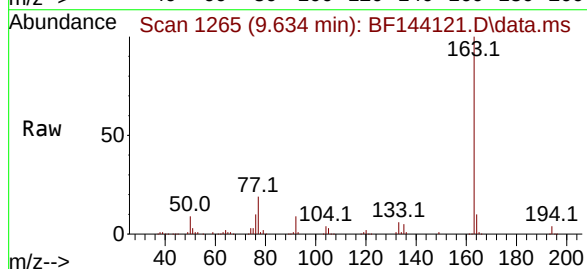
Tgt Ion:163 Resp: 336124

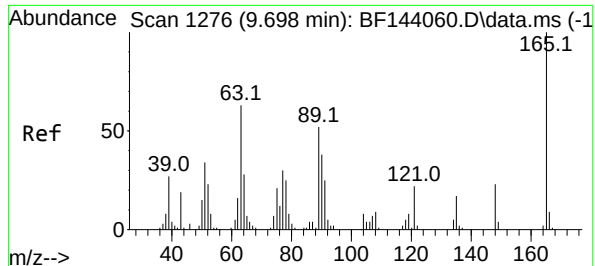
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.1 7.8 11.8

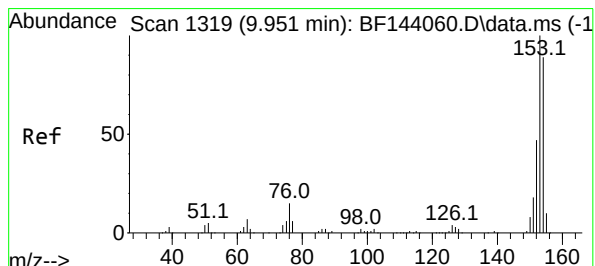
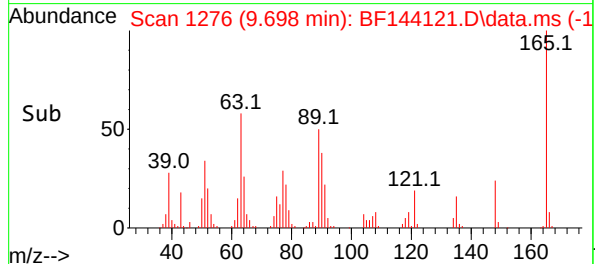
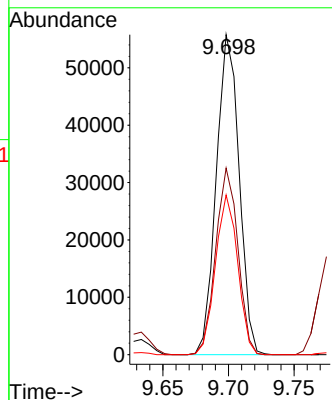
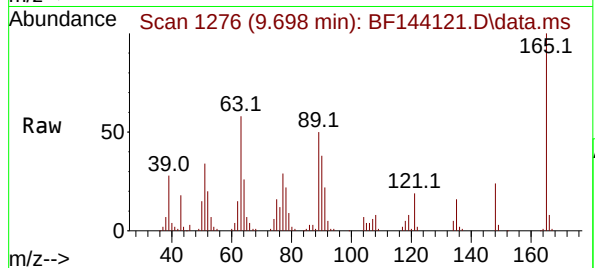




#51
2,6-Dinitrotoluene
Concen: 42.046 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

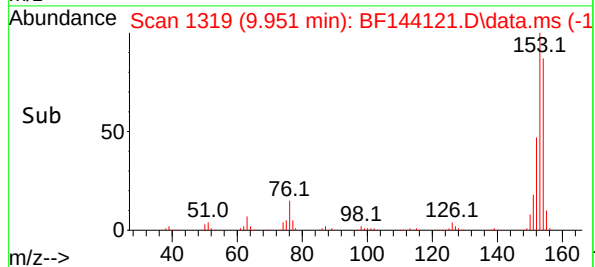
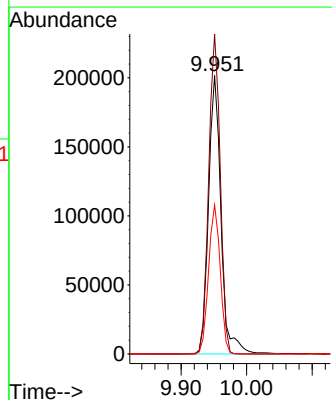
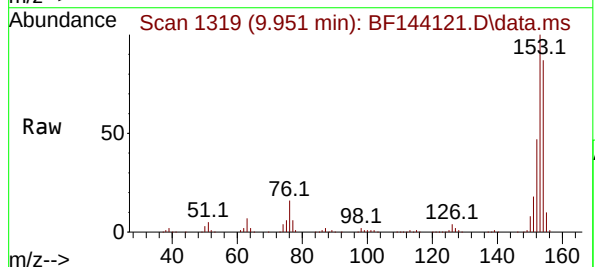
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

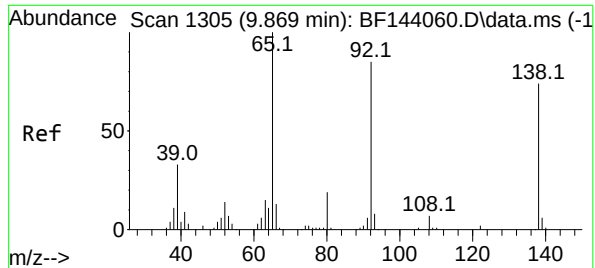
Tgt Ion:165 Resp: 67580
Ion Ratio Lower Upper
165 100
63 58.3 50.4 75.6
89 49.9 41.4 62.2



#52
Acenaphthene
Concen: 39.855 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:154 Resp: 266968
Ion Ratio Lower Upper
154 100
153 114.9 89.9 134.9
152 53.5 42.0 63.0





#53

3-Nitroaniline

Concen: 43.238 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

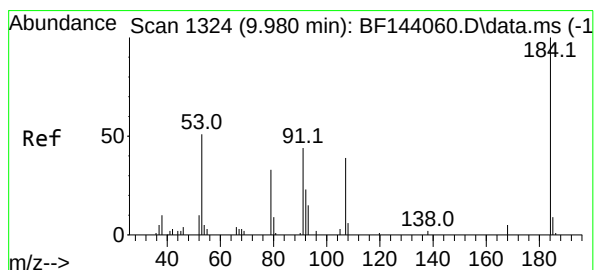
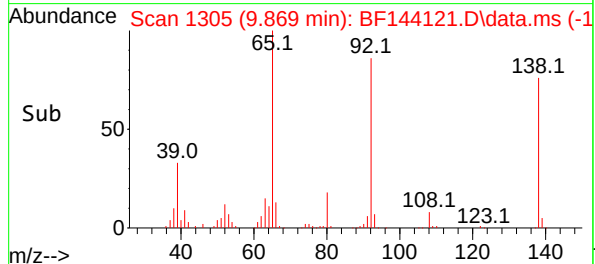
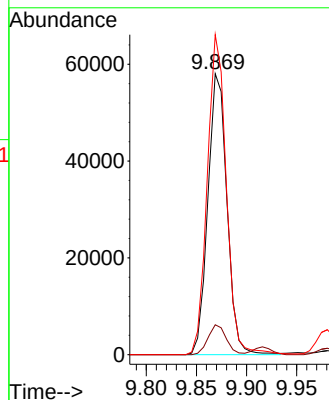
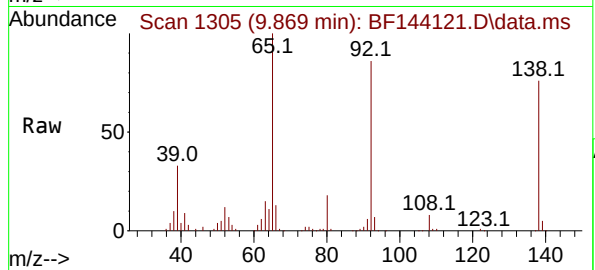
Tgt Ion:138 Resp: 77266

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

92 113.9 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 38.660 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

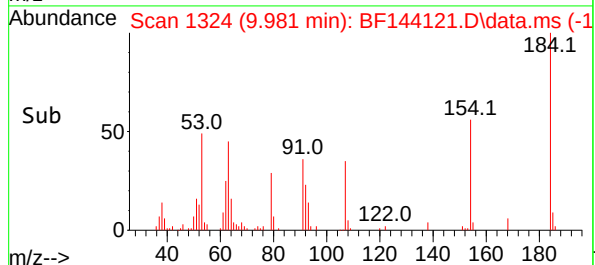
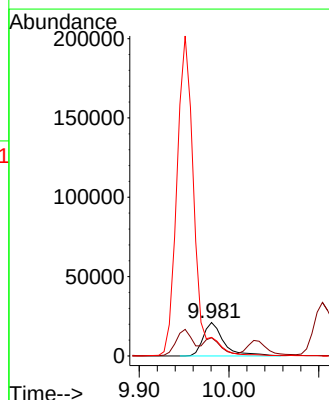
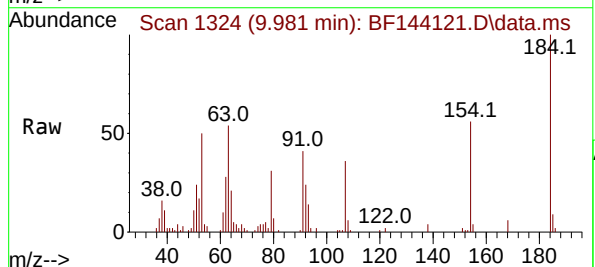
Tgt Ion:184 Resp: 33608

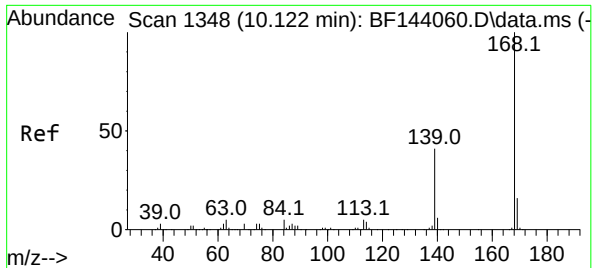
Ion Ratio Lower Upper

184 100

63 54.4 52.1 78.1

154 55.5 47.9 71.9

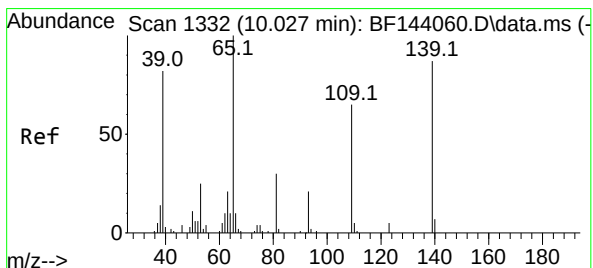
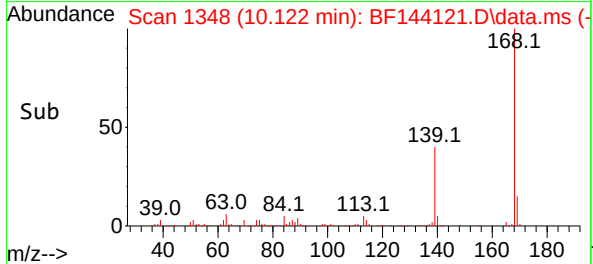
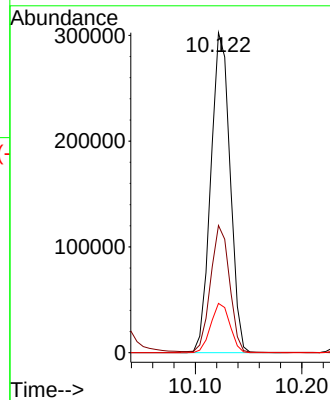
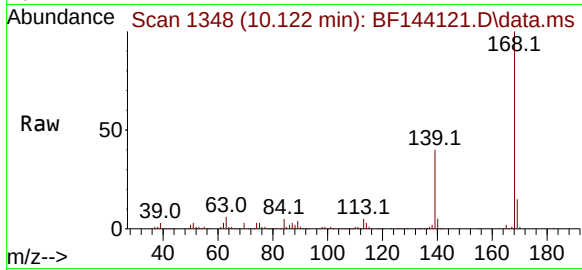




#55
Dibenzofuran
Concen: 40.786 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

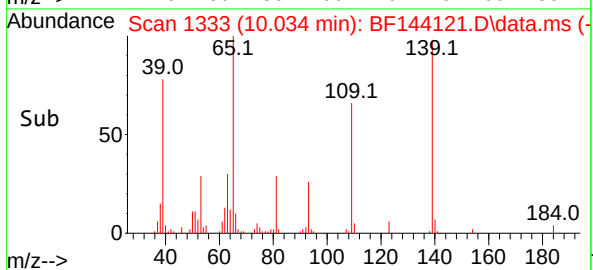
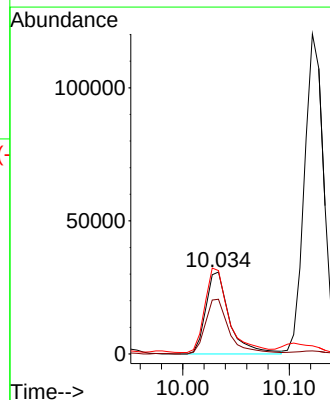
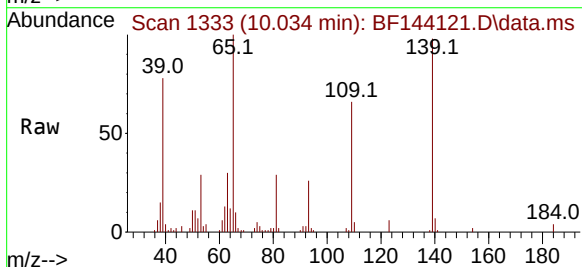
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

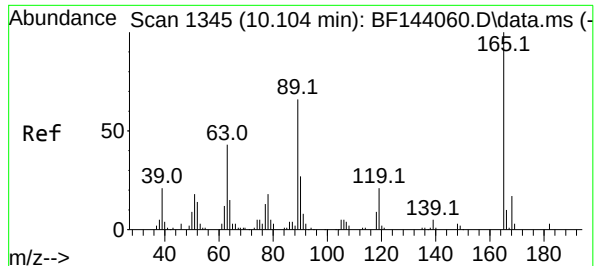
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	33.2	49.8
169	15.4	12.6	19.0



#56
4-Nitrophenol
Concen: 39.550 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

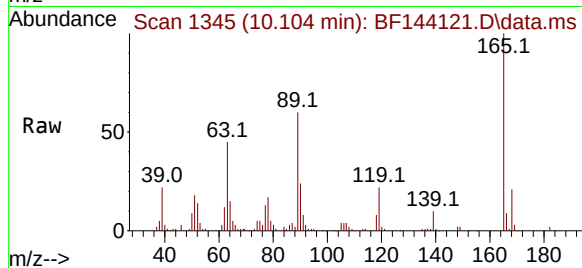
Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	53.8	93.8
65	101.7	95.9	135.9



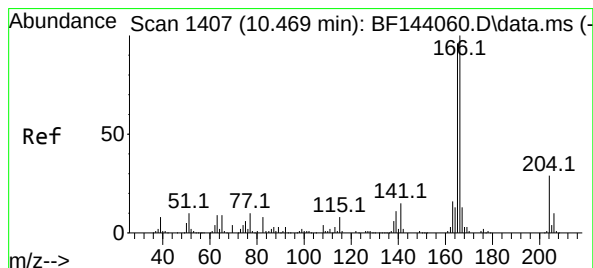
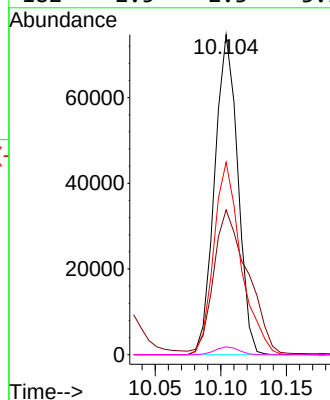
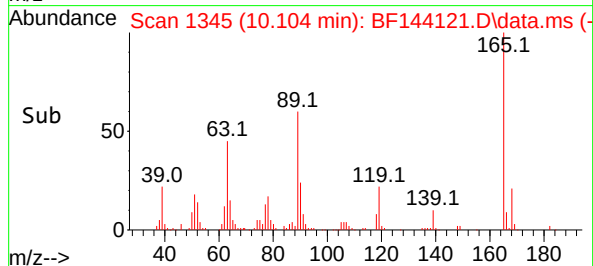


#57
2,4-Dinitrotoluene
Concen: 42.178 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

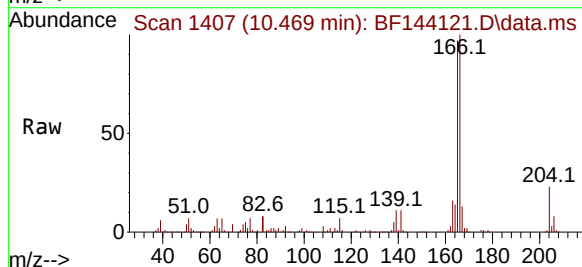
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



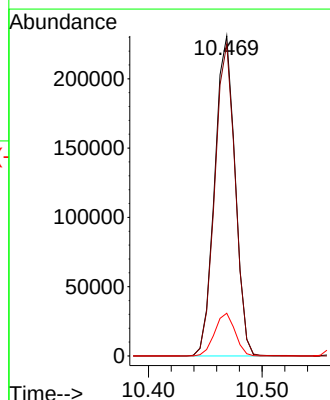
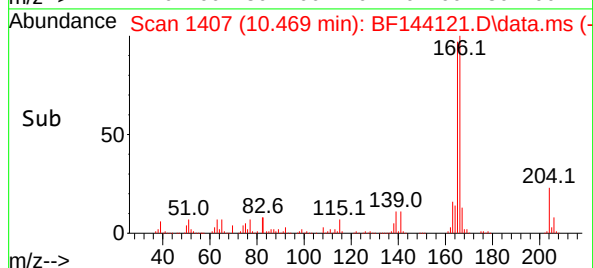
Tgt Ion:165 Resp: 91495
Ion Ratio Lower Upper
165 100
63 45.2 35.4 53.2
89 60.1 52.7 79.1
182 2.5 2.3 3.5

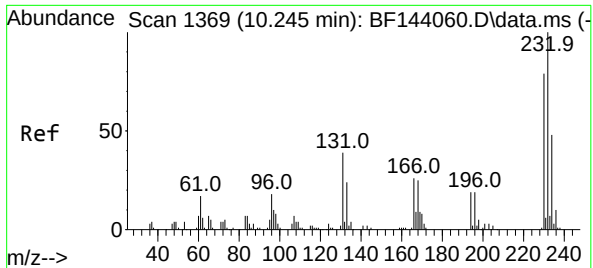


#58
Fluorene
Concen: 40.609 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30



Tgt Ion:166 Resp: 287737
Ion Ratio Lower Upper
166 100
165 97.5 77.0 115.4
167 13.4 10.2 15.4

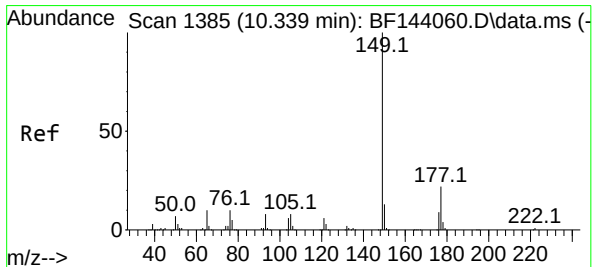
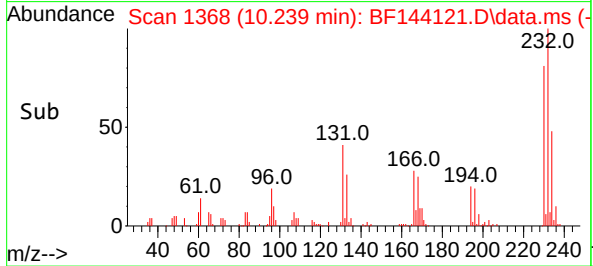
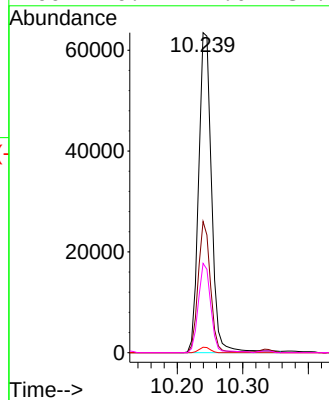
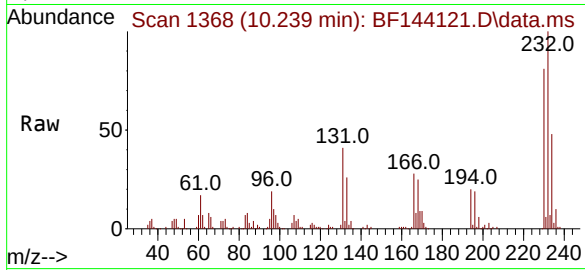




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.612 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

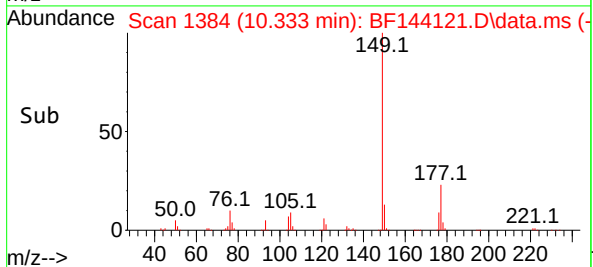
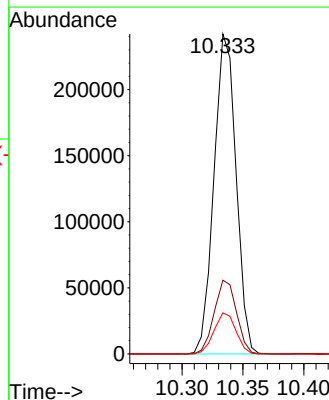
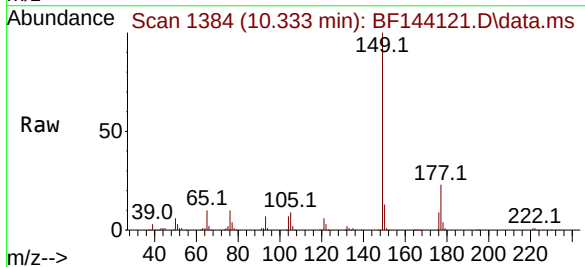
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

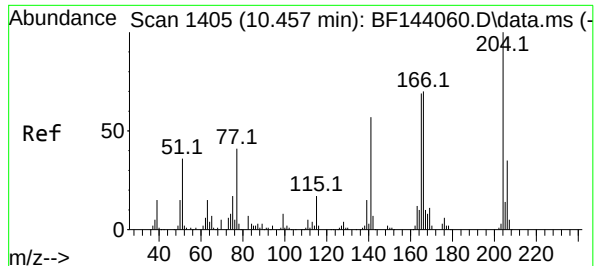
Tgt Ion:232 Resp: 87320
Ion Ratio Lower Upper
232 100
131 38.5 31.9 47.9
130 1.5 1.1 1.7
166 26.9 21.0 31.4



#60
Diethylphthalate
Concen: 39.944 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:149 Resp: 305410
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.9 10.1 15.1

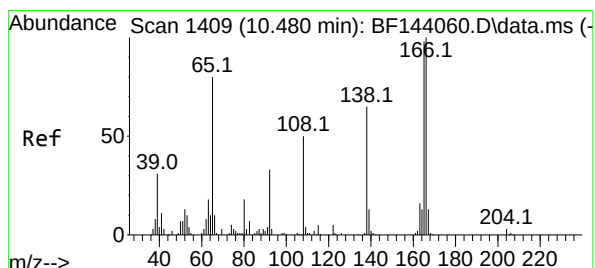
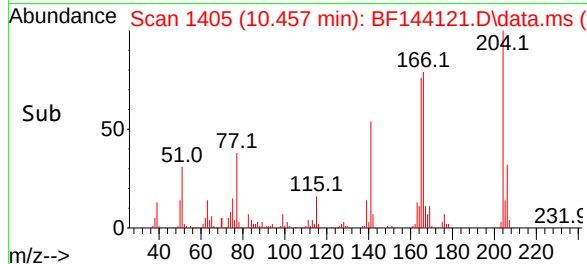
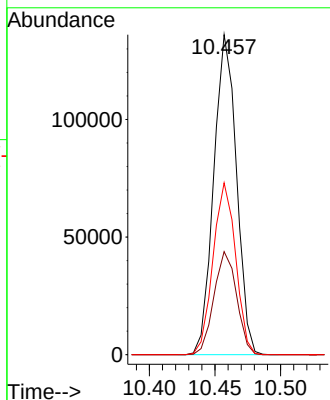
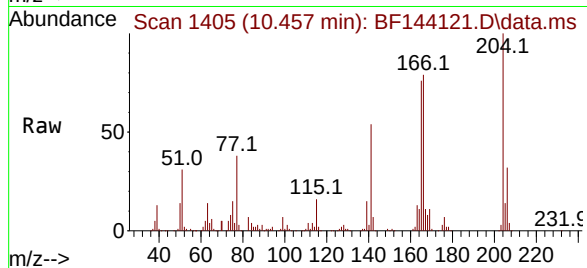




#61
4-Chlorophenyl-phenylether
Concen: 41.094 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

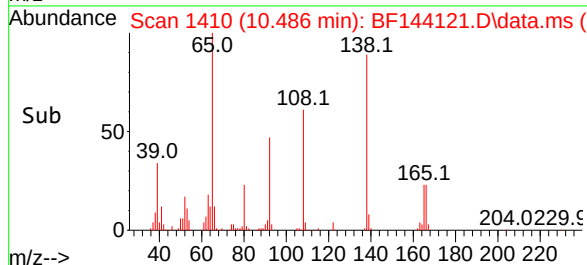
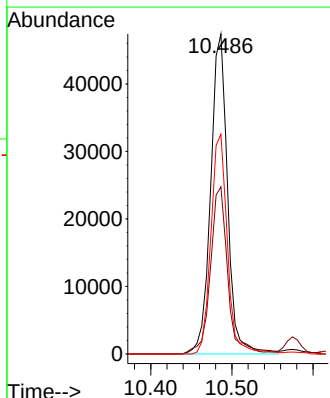
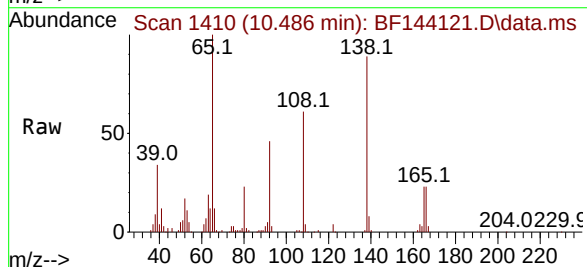
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

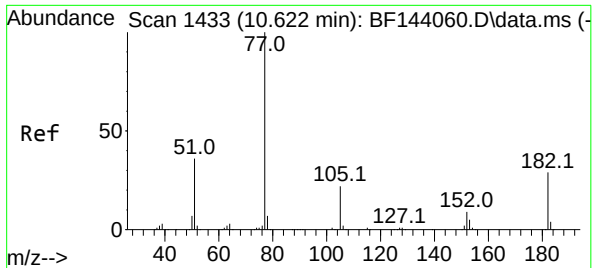
Tgt Ion:204 Resp: 163745
Ion Ratio Lower Upper
204 100
206 32.2 27.8 41.6
141 53.7 45.4 68.2



#62
4-Nitroaniline
Concen: 40.525 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:138 Resp: 68617
Ion Ratio Lower Upper
138 100
92 52.2 30.5 70.5
108 68.6 56.2 96.2

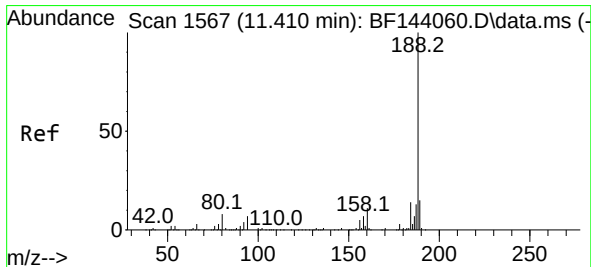
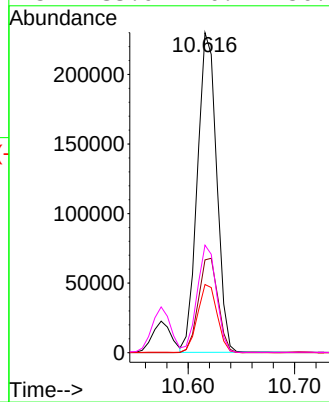
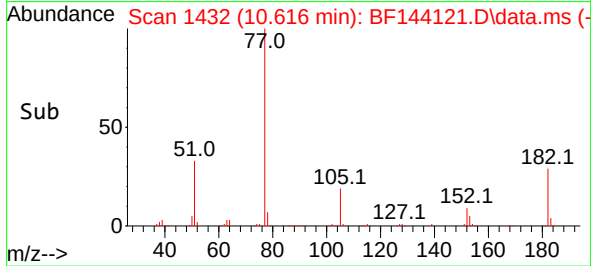
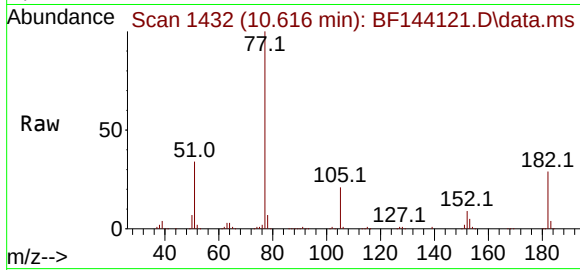




#63
Azobenzene
Concen: 39.963 ng
RT: 10.616 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

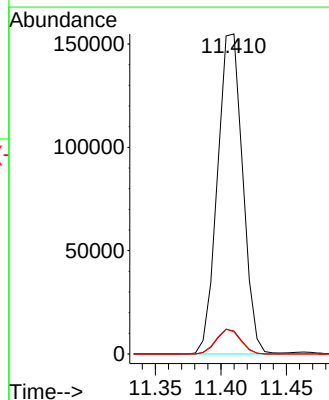
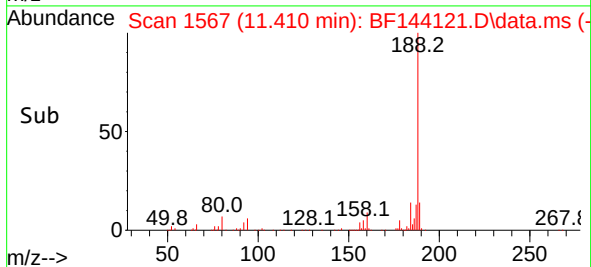
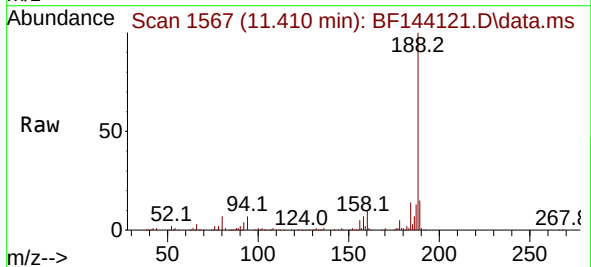
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

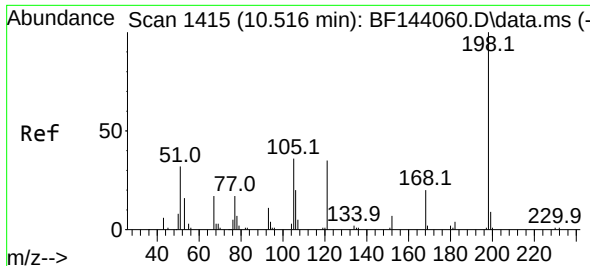
Tgt Ion: 77	Resp: 289198
Ion Ratio	Lower Upper
77 100	
182 29.0	9.0 49.0
105 21.3	1.4 41.4
51 33.6	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:188	Resp: 207074
Ion Ratio	Lower Upper
188 100	
94 7.1	5.4 8.0
80 6.9	6.0 9.0

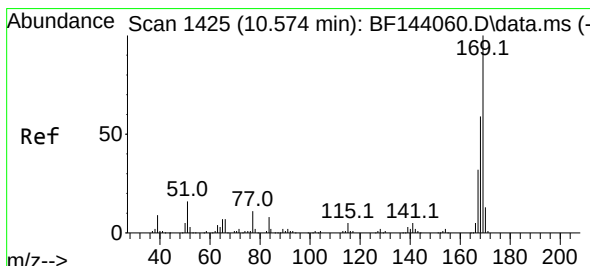
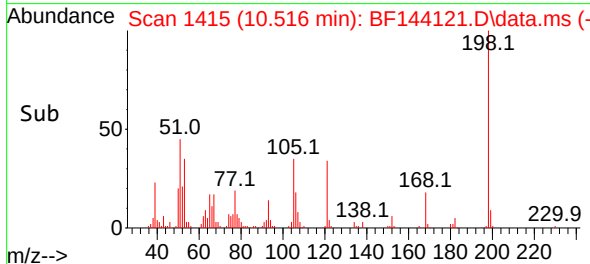
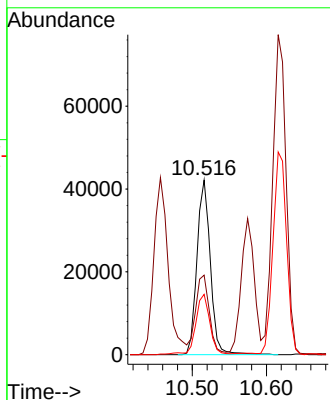
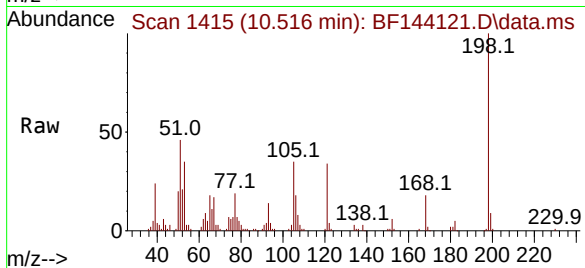




#65
4,6-Dinitro-2-methylphenol
Concen: 39.830 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

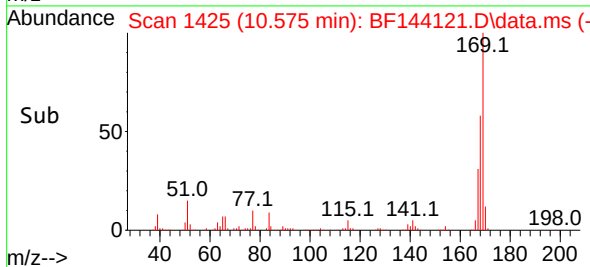
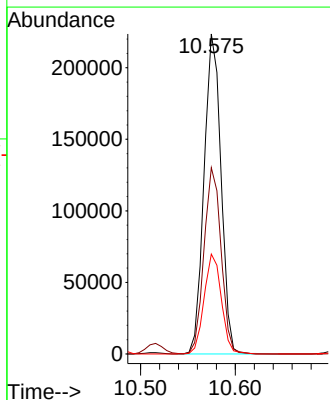
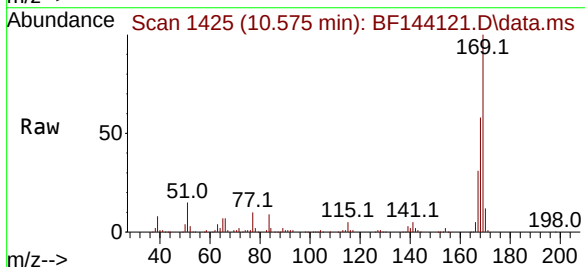
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

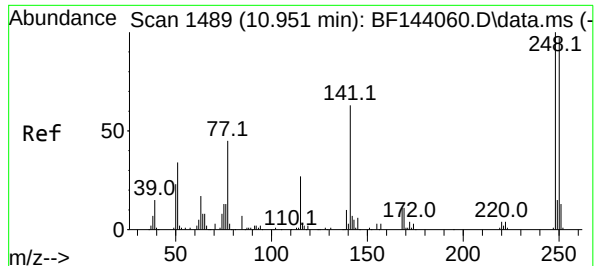
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.5	25.8	65.8
105	34.6	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 41.875 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.2	47.4	71.2
167	31.2	25.5	38.3

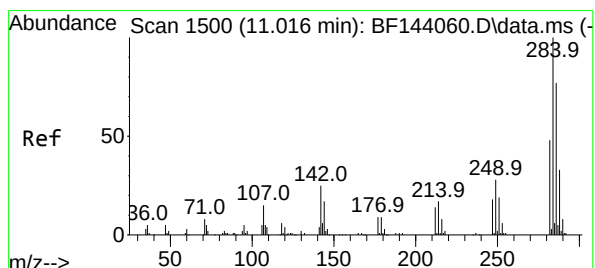
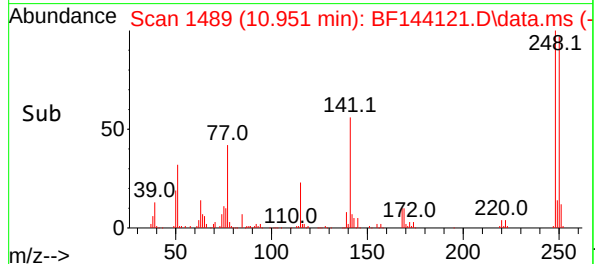
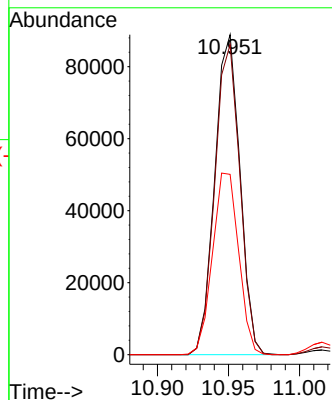
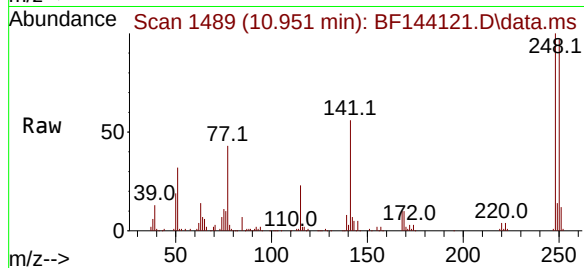




#67
4-Bromophenyl-phenylether
Concen: 42.302 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

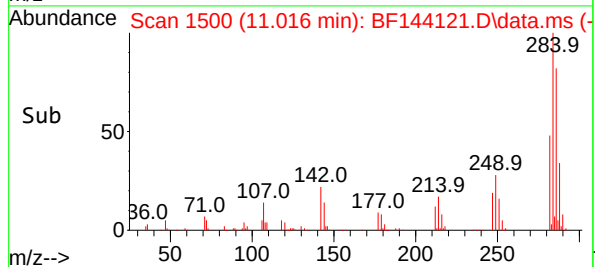
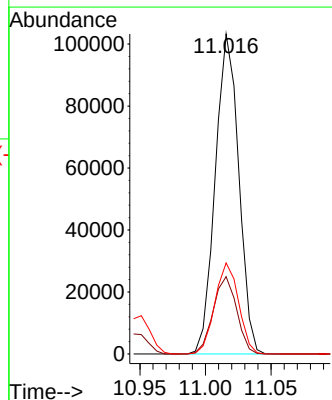
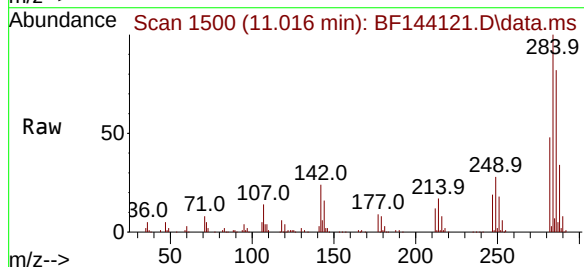
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

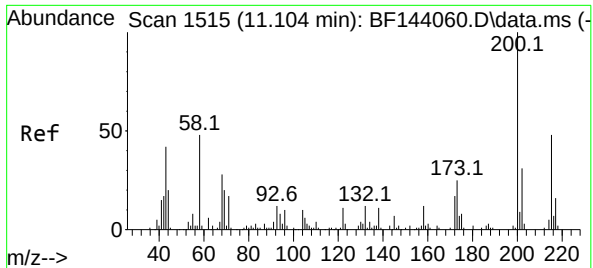
Tgt Ion:248 Resp: 109675
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 56.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 40.395 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:284 Resp: 128445
Ion Ratio Lower Upper
284 100
142 24.2 20.0 30.0
249 28.5 22.2 33.2





#69

Atrazine

Concen: 39.616 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

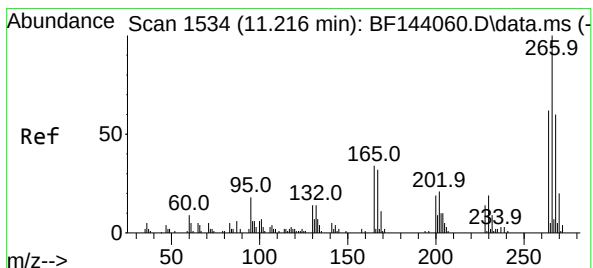
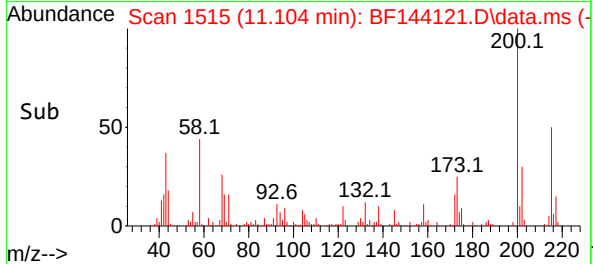
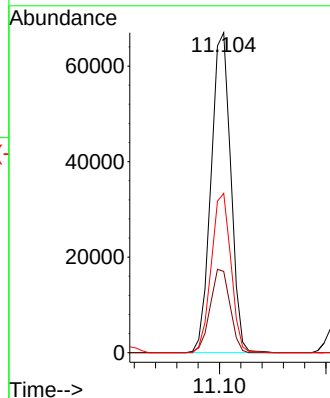
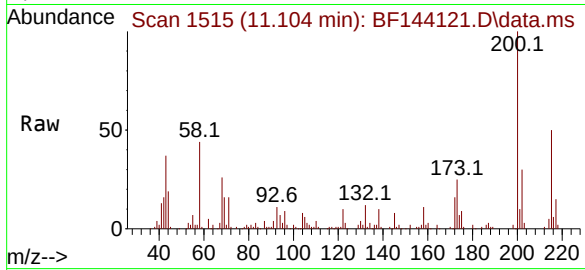
Tgt Ion:200 Resp: 86008

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 49.8 28.2 68.2



#70

Pentachlorophenol

Concen: 44.431 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

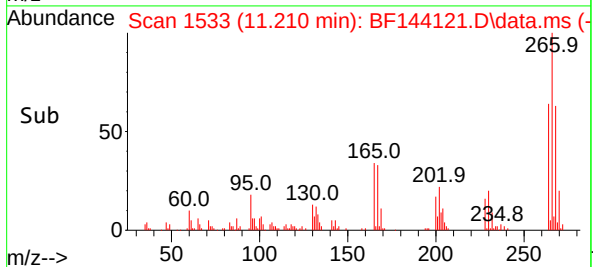
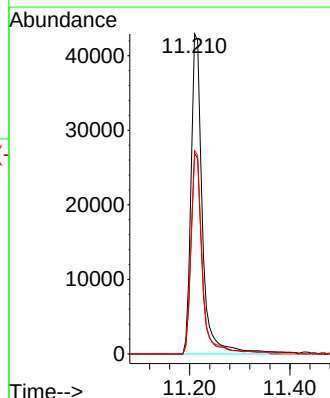
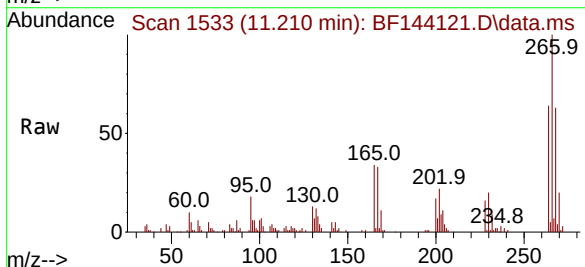
Tgt Ion:266 Resp: 67248

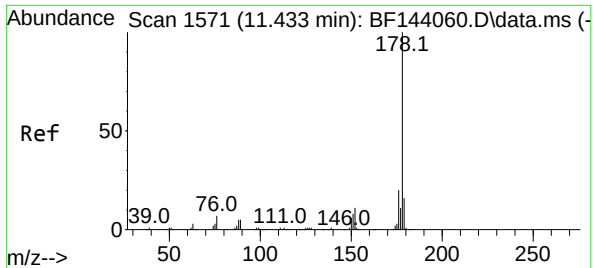
Ion Ratio Lower Upper

266 100

268 62.7 48.2 72.4

264 63.5 49.4 74.0

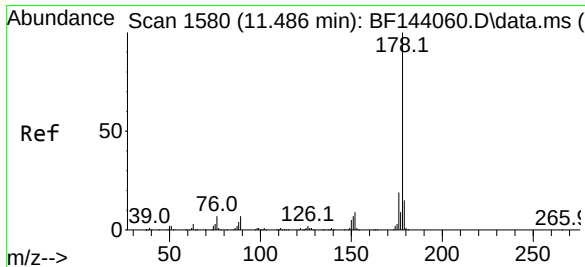
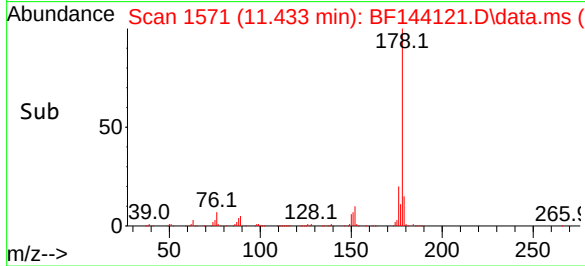
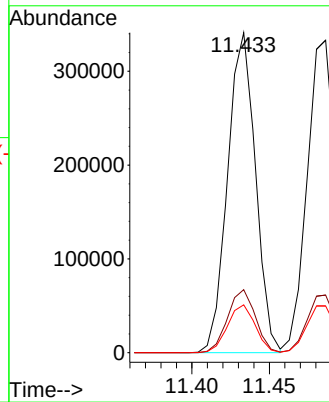
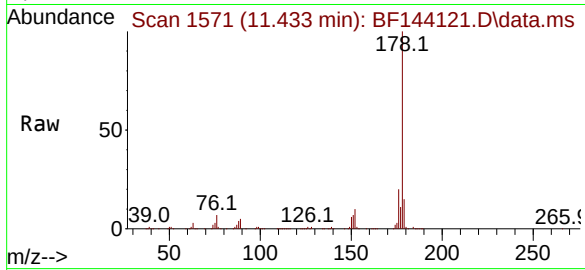




#71
Phenanthrene
Concen: 41.526 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

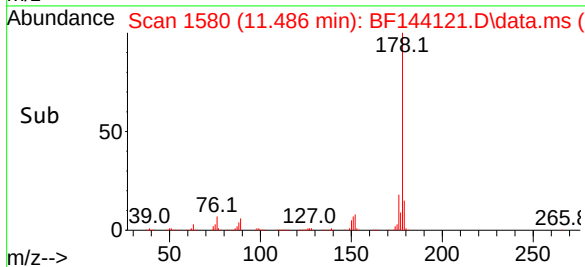
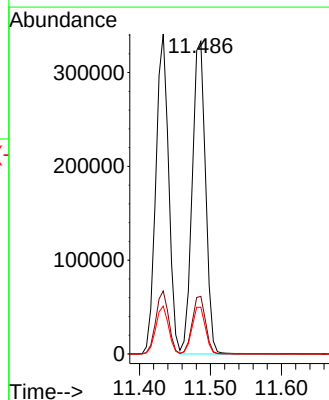
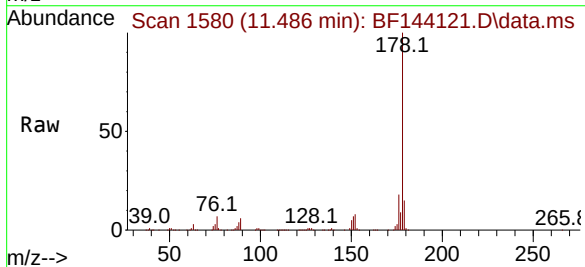
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

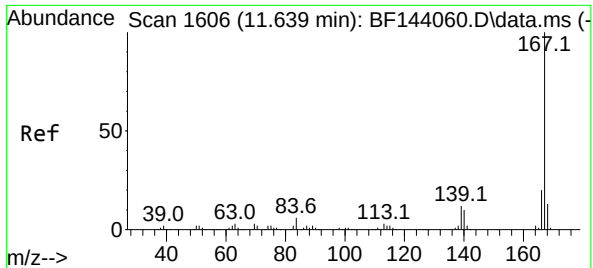
Tgt Ion:178 Resp: 427157
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 14.9 12.6 18.8



#72
Anthracene
Concen: 40.944 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

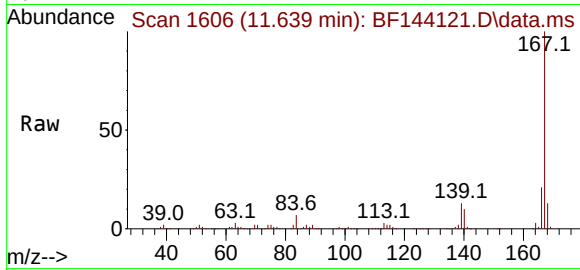
Tgt Ion:178 Resp: 435076
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 14.9 11.8 17.6



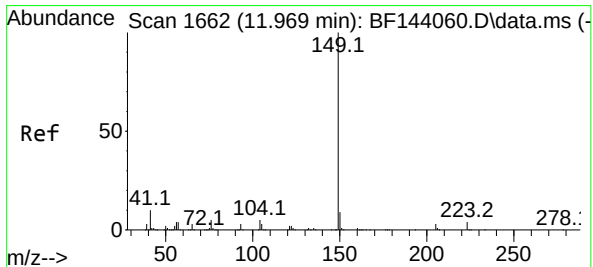
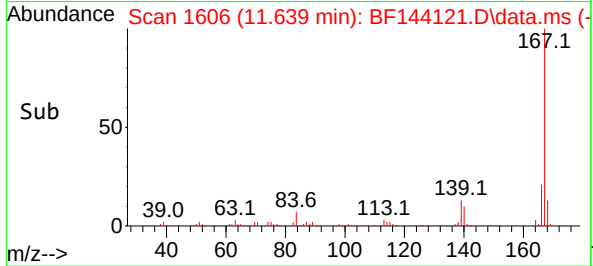
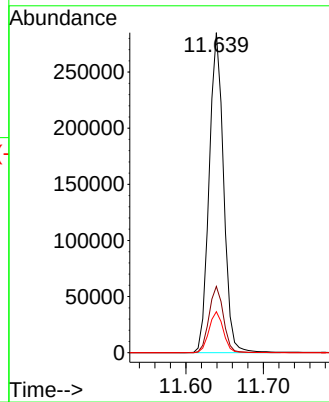


#73
Carbazole
Concen: 40.663 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

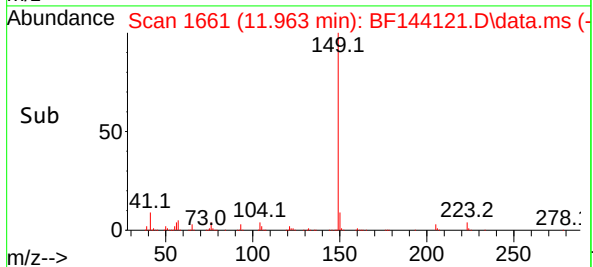
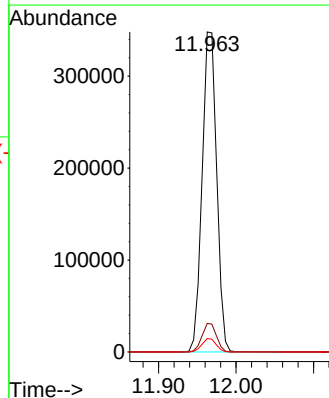
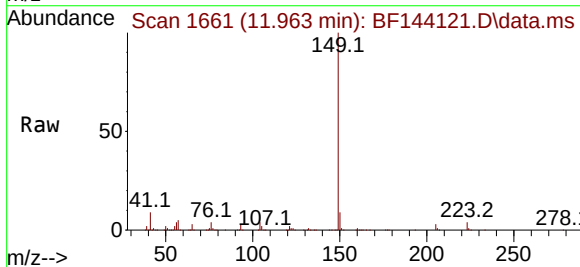


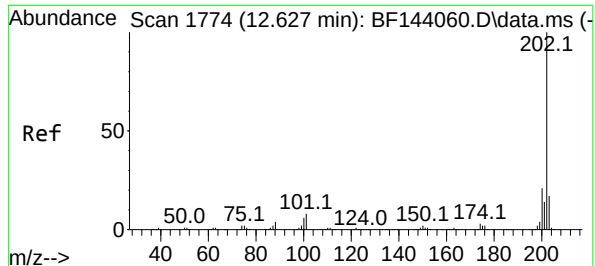
Tgt Ion:167 Resp: 367780
Ion Ratio Lower Upper
167 100
166 20.7 16.1 24.1
139 12.8 9.8 14.6



#74
Di-n-butylphthalate
Concen: 40.941 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:149 Resp: 453989
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.2 3.6 5.4

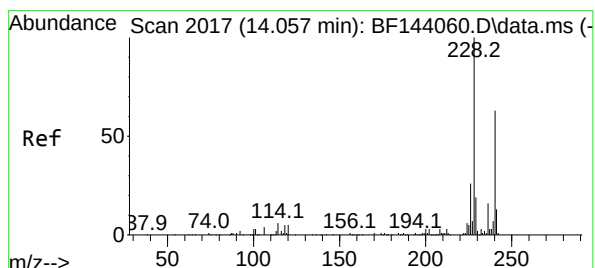
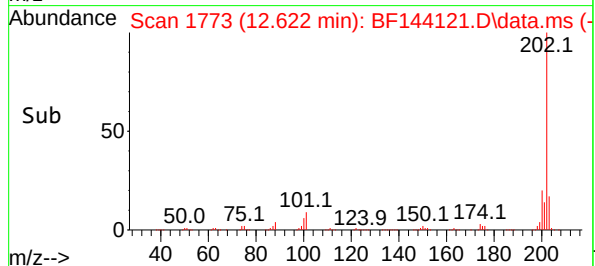
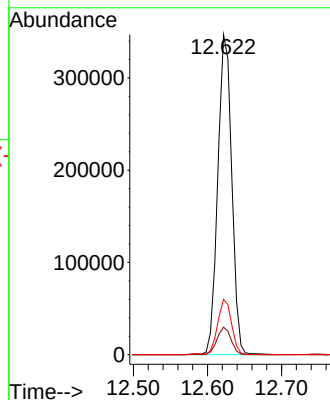
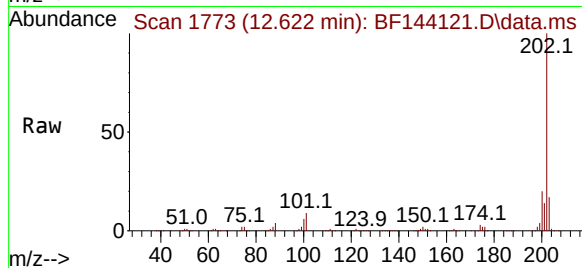




#75
Fluoranthene
Concen: 39.974 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

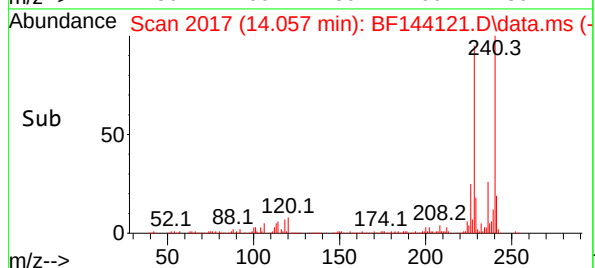
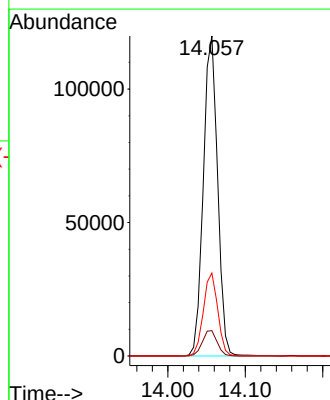
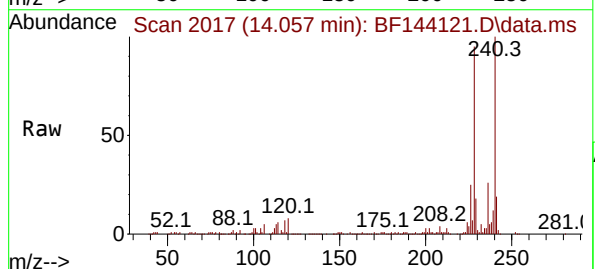
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

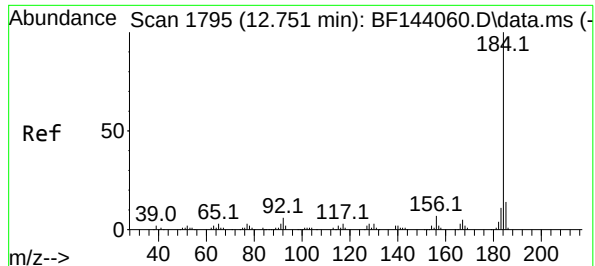
Tgt Ion:202 Resp: 454294
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.7
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:240 Resp: 153131
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.9 20.1 30.1





#77

Benzidine

Concen: 42.231 ng

RT: 12.745 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

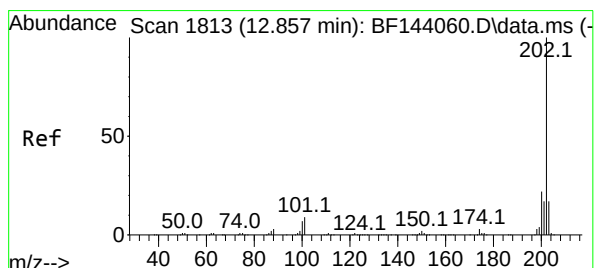
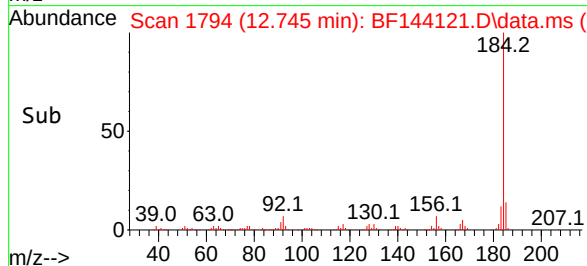
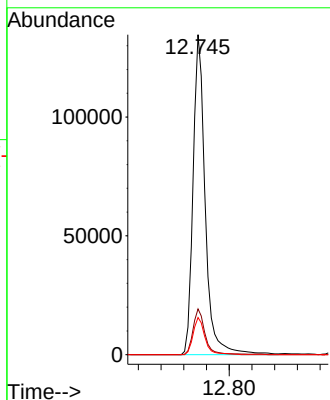
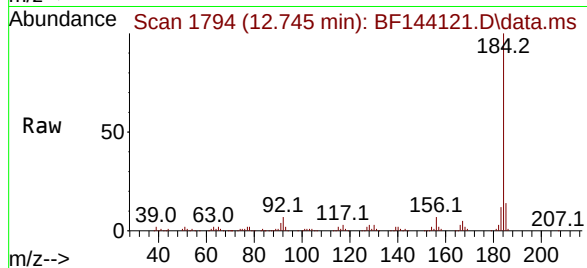
Tgt Ion:184 Resp: 201262

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 11.6 8.5 12.7



#78

Pyrene

Concen: 41.969 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

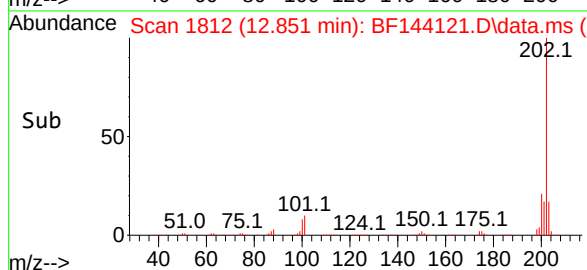
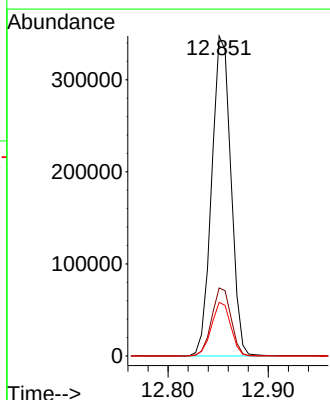
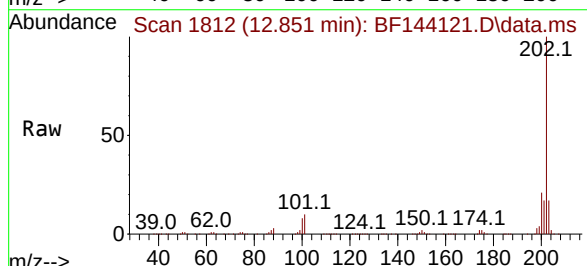
Tgt Ion:202 Resp: 462034

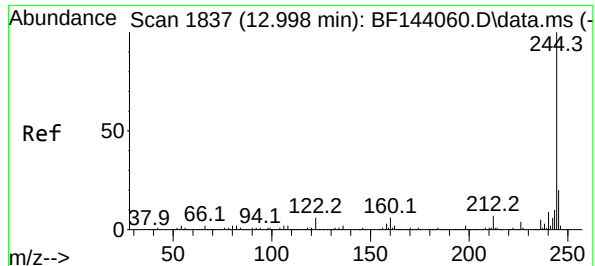
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 16.7 13.5 20.3





#79

Terphenyl-d14

Concen: 81.522 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

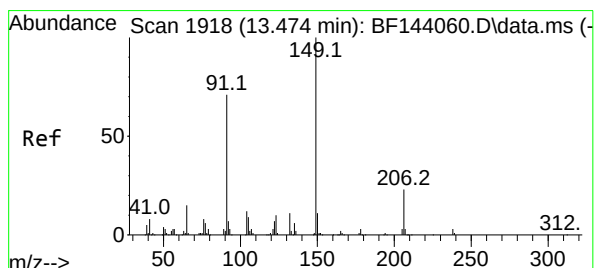
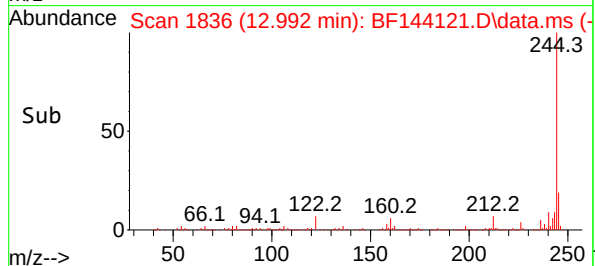
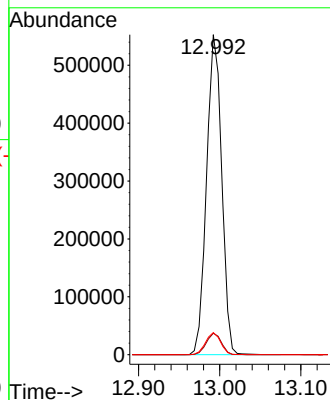
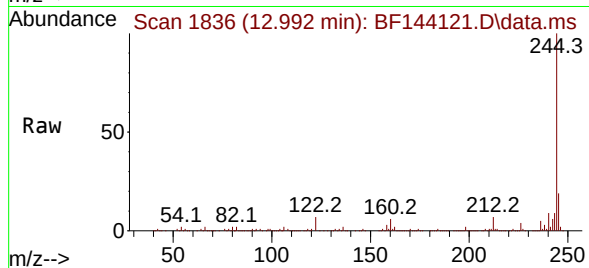
Tgt Ion:244 Resp: 714068

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.9 4.9 7.3



#80

Butylbenzylphthalate

Concen: 41.351 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

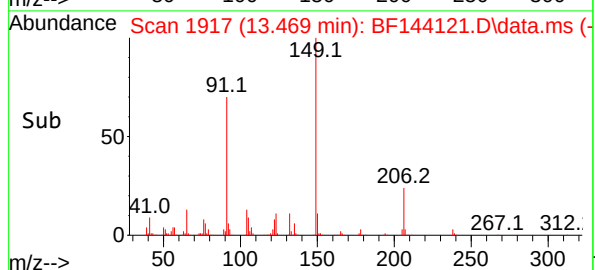
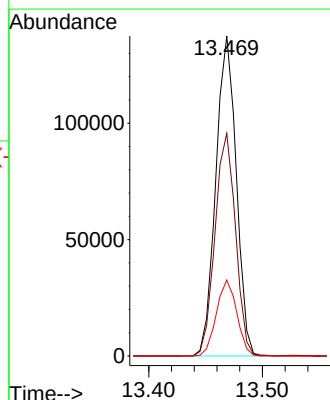
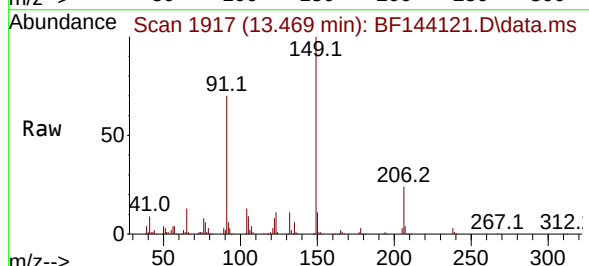
Tgt Ion:149 Resp: 172222

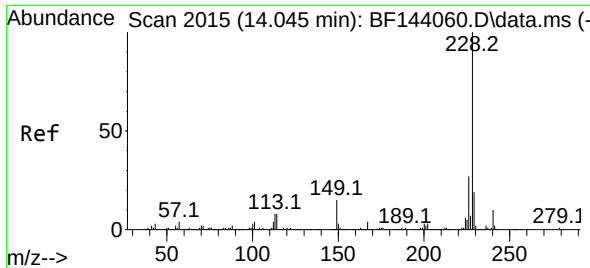
Ion Ratio Lower Upper

149 100

91 69.5 56.6 84.8

206 23.7 18.3 27.5

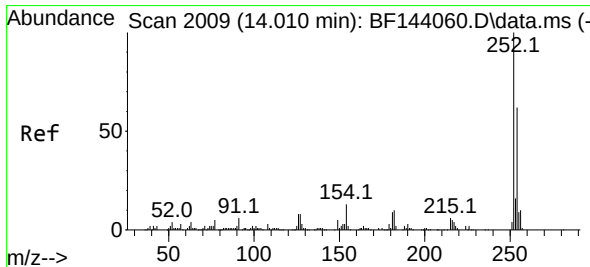
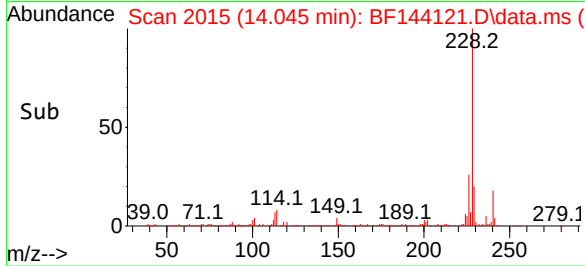
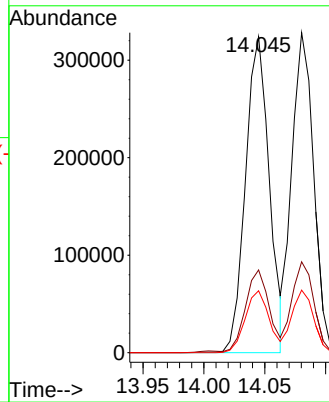
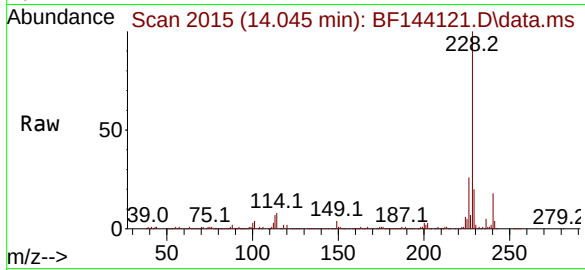




#81
Benzo(a)anthracene
Concen: 42.586 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

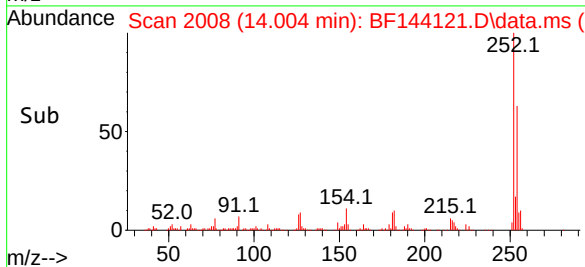
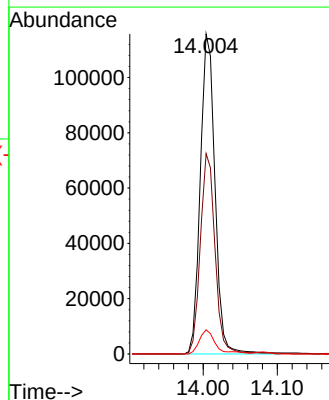
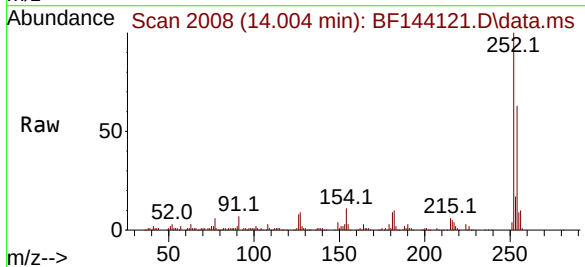
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

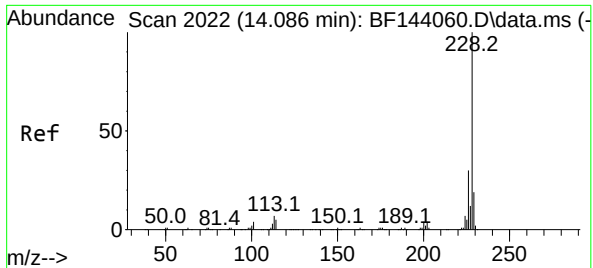
Tgt Ion:228 Resp: 440710
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.2
229 19.6 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 44.172 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion:252 Resp: 159124
Ion Ratio Lower Upper
252 100
254 62.6 49.9 74.9
126 7.6 6.5 9.7





#83

Chrysene

Concen: 42.239 ng

RT: 14.080 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

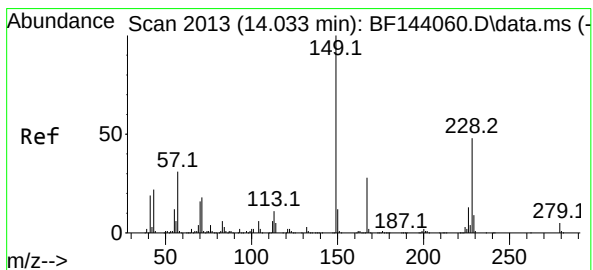
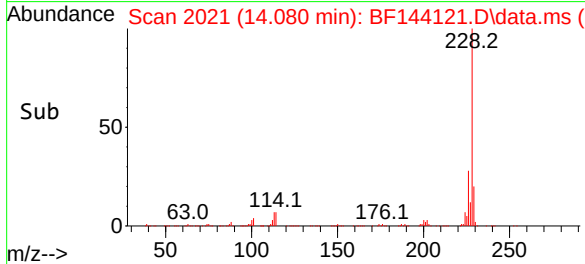
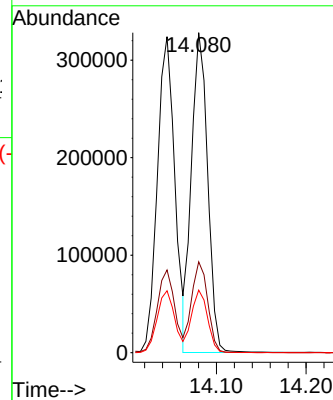
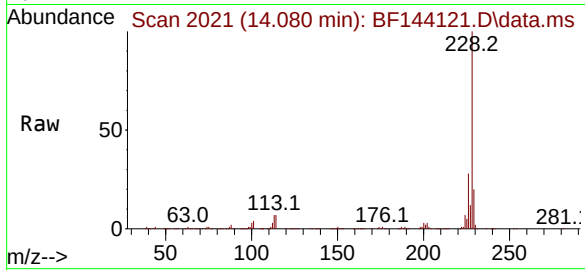
Tgt Ion:228 Resp: 410191

Ion Ratio Lower Upper

228 100

226 28.4 23.8 35.6

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.623 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

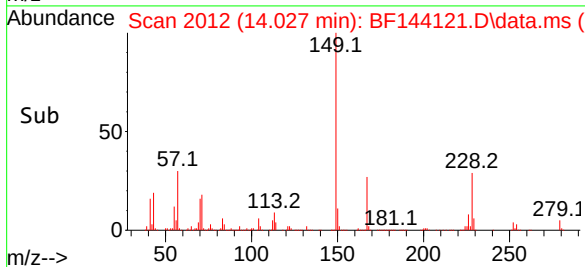
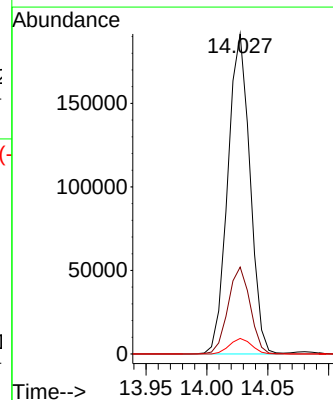
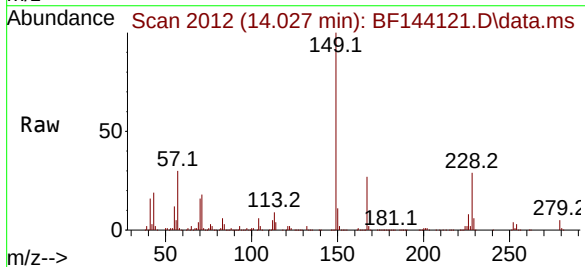
Tgt Ion:149 Resp: 242344

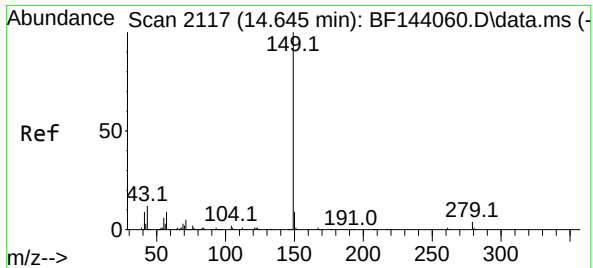
Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

279 4.8 3.6 5.4

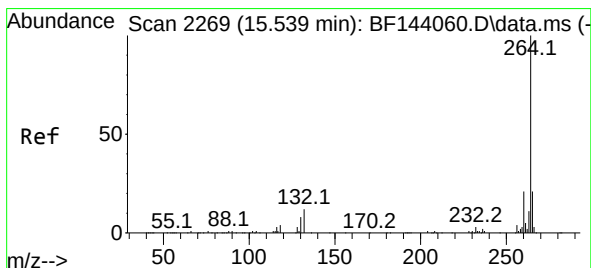
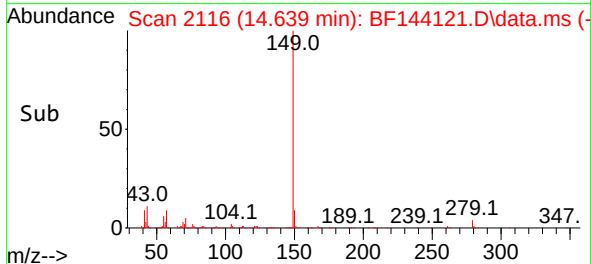
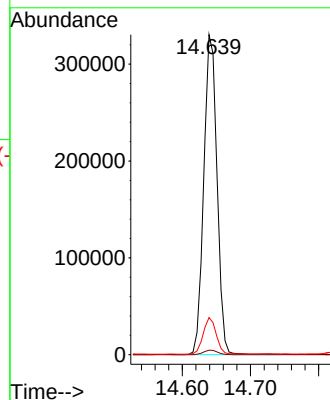
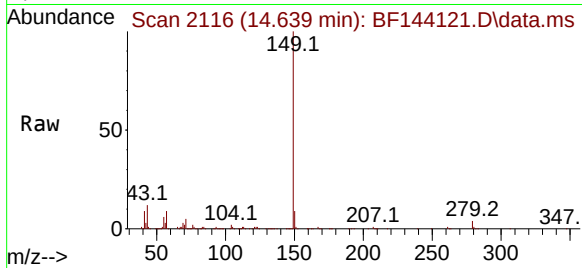




#85
Di-n-octyl phthalate
Concen: 45.619 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

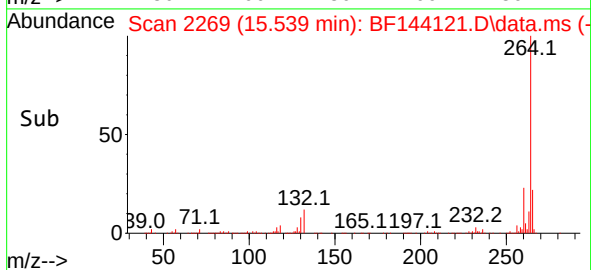
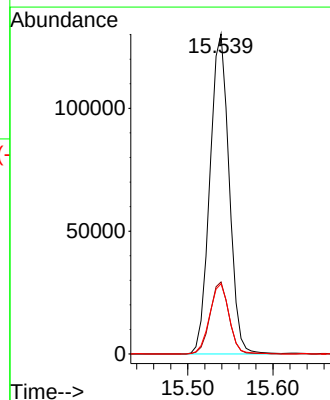
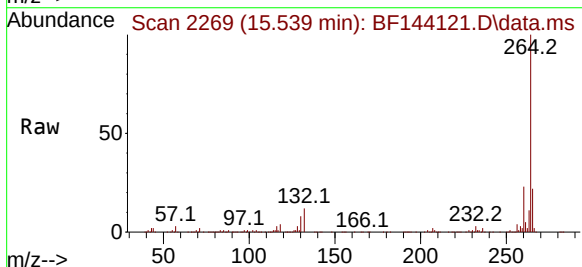
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

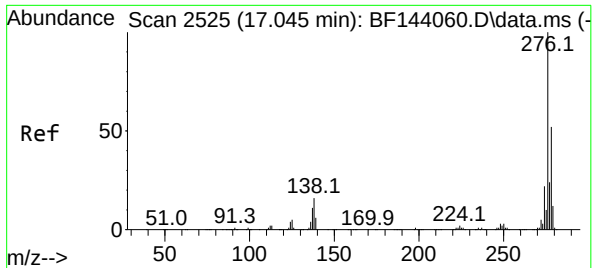
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.3	9.3	13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144121.D
Acq: 29 Oct 2025 11:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.0	25.4
265	21.9	16.6	24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.307 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

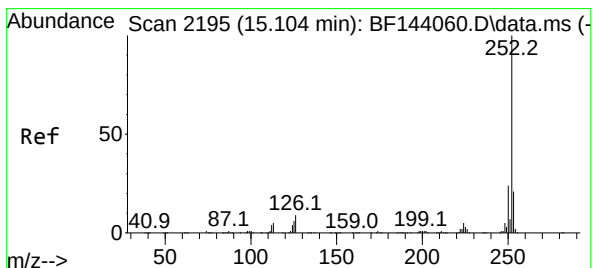
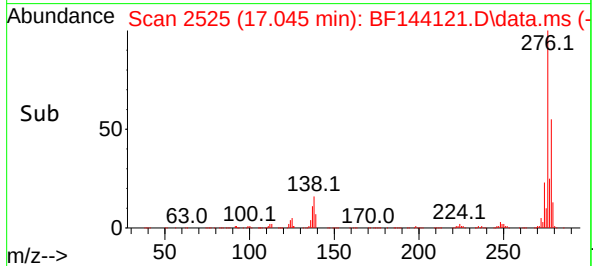
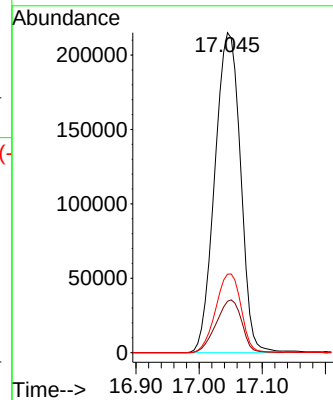
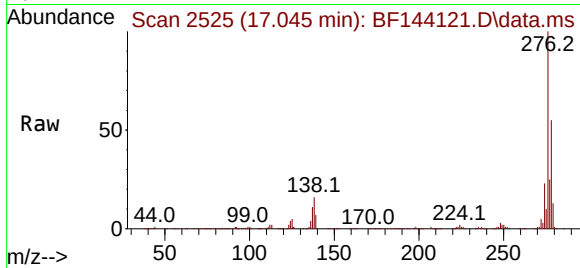
Tgt Ion:276 Resp: 606674

Ion Ratio Lower Upper

276 100

138 16.4 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 40.544 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

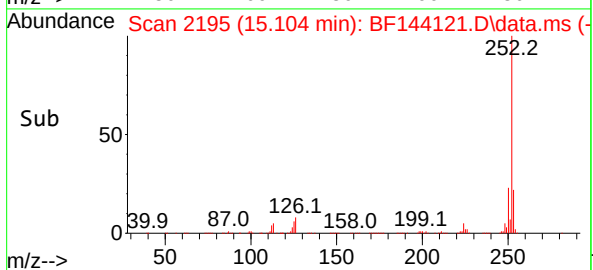
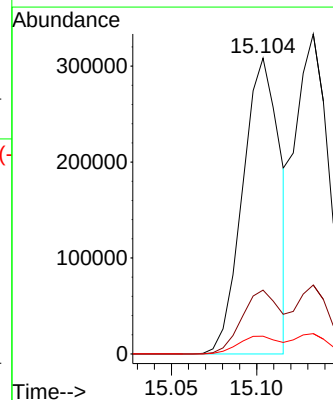
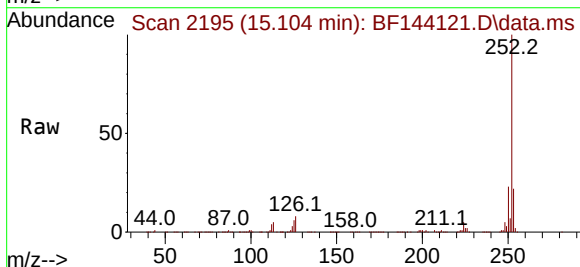
Tgt Ion:252 Resp: 467688

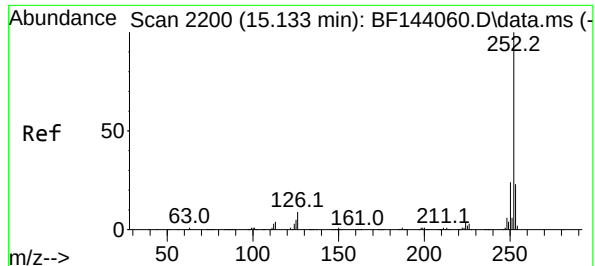
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 6.0 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.376 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

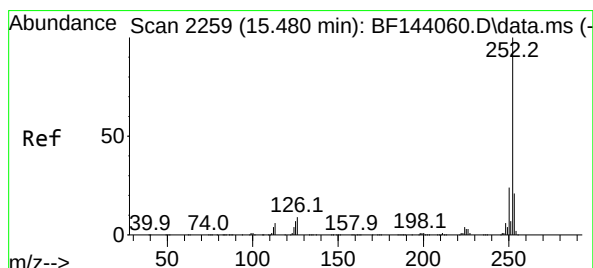
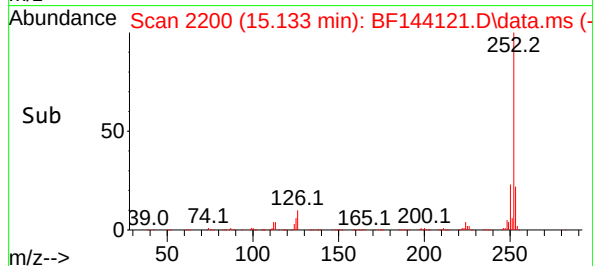
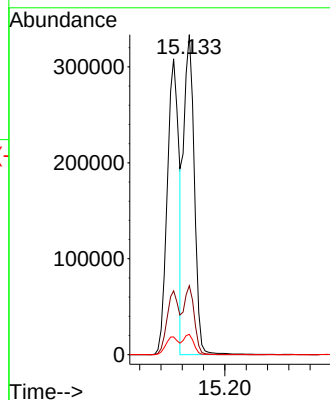
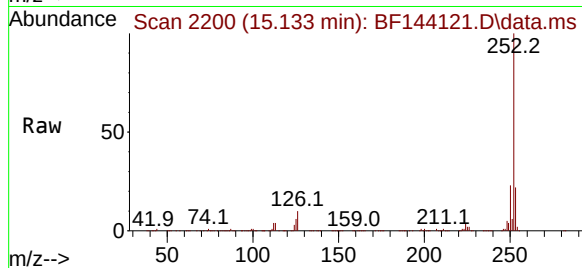
Tgt Ion:252 Resp: 461643

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 6.3 4.9 7.3



#90

Benzo(a)pyrene

Concen: 42.801 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

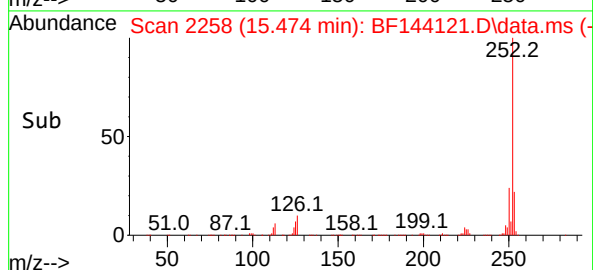
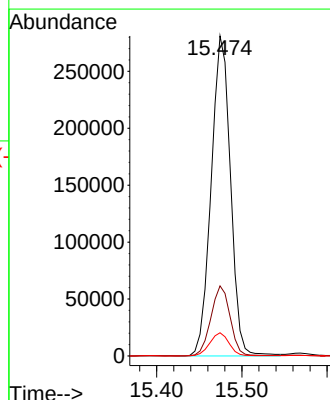
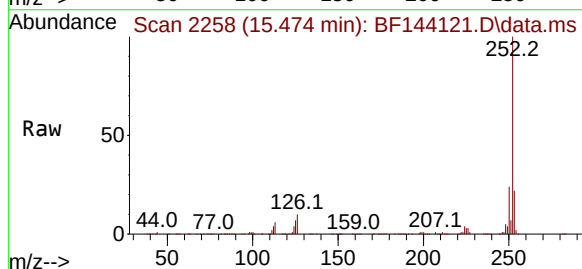
Tgt Ion:252 Resp: 442928

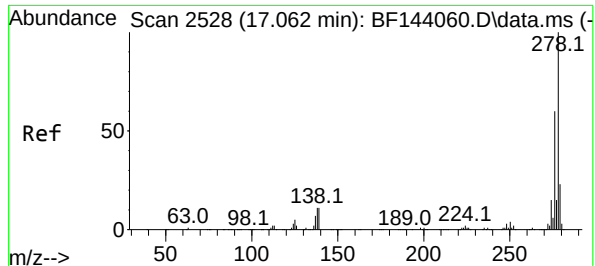
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 7.2 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.651 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

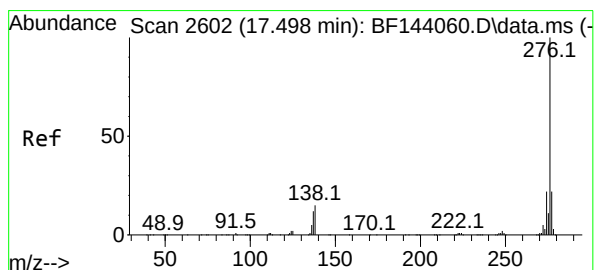
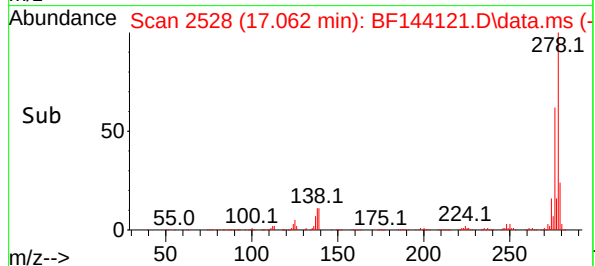
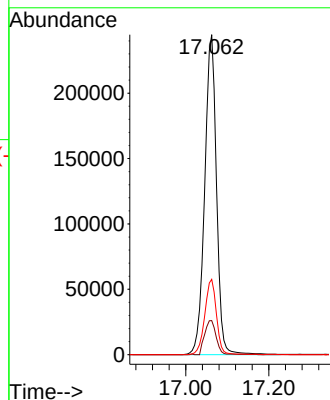
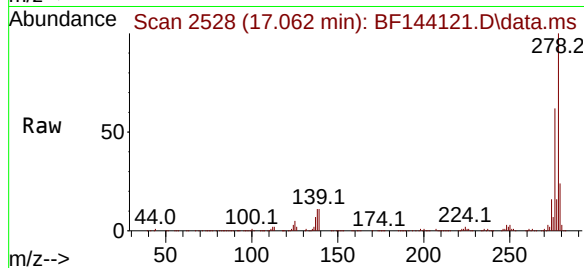
Tgt Ion:278 Resp: 484044

Ion Ratio Lower Upper

278 100

139 10.6 8.5 12.7

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.293 ng

RT: 17.504 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144121.D

Acq: 29 Oct 2025 11:30

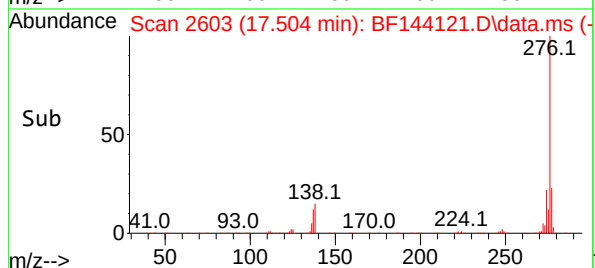
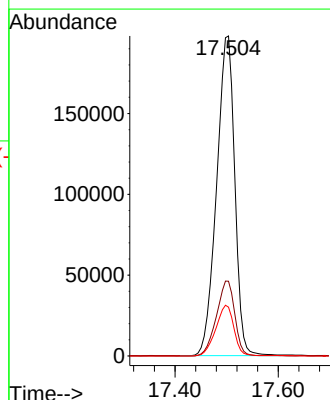
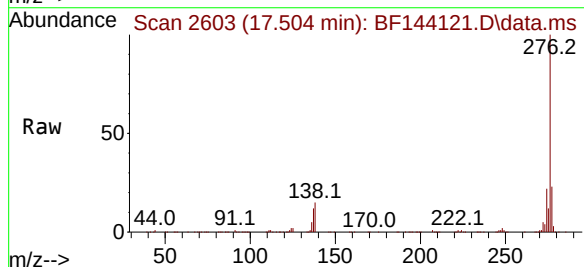
Tgt Ion:276 Resp: 482661

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 15.2 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144121.D
Acq On : 29 Oct 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	124	0.00
2	1,4-Dioxane	0.546	0.560	-2.6	127	-0.02
3	Pyridine	1.462	1.578	-7.9	128	-0.02
4	n-Nitrosodimethylamine	0.899	0.823	8.5	112	-0.02
5 S	2-Fluorophenol	1.264	1.346	-6.5	128	0.00
6	Aniline	1.997	2.098	-5.1	129	0.00
7 S	Phenol-d6	1.396	1.460	-4.6	129	0.00
8	2-Chlorophenol	1.245	1.283	-3.1	127	0.00
9	Benzaldehyde	1.084	1.051	3.0	125	0.00
10 C	Phenol	1.722	1.843	-7.0	132	0.00
11	bis(2-Chloroethyl)ether	1.245	1.332	-7.0	133	0.00
12	1,3-Dichlorobenzene	1.536	1.628	-6.0	129	0.00
13 C	1,4-Dichlorobenzene	1.513	1.602	-5.9	128	0.00
14	1,2-Dichlorobenzene	1.464	1.518	-3.7	127	0.00
15	Benzyl Alcohol	1.135	1.172	-3.3	127	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.460	-5.2	129	0.00
17	2-Methylphenol	0.957	1.014	-6.0	135	0.00
18	Hexachloroethane	0.541	0.545	-0.7	124	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	0.927	-2.7	131	0.00
20	3+4-Methylphenols	1.132	1.224	-8.1	130	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	130	0.00
22	Acetophenone	0.432	0.429	0.7	128	0.00
23 S	Nitrobenzene-d5	0.365	0.361	1.1	128	0.00
24	Nitrobenzene	0.386	0.394	-2.1	131	0.00
25	Isophorone	0.638	0.649	-1.7	132	0.00
26 C	2-Nitrophenol	0.184	0.193	-4.9	132	0.00
27	2,4-Dimethylphenol	0.273	0.290	-6.2	132	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.409	-2.8	132	0.00
29 C	2,4-Dichlorophenol	0.317	0.328	-3.5	132	0.00
30	1,2,4-Trichlorobenzene	0.327	0.334	-2.1	130	0.00
31	Naphthalene	0.944	0.957	-1.4	129	0.00
32	Benzoic acid	0.173	0.188	-8.7	168#	0.00
33	4-Chloroaniline	0.329	0.349	-6.1	135	0.00
34 C	Hexachlorobutadiene	0.267	0.260	2.6	126	0.00
35	Caprolactam	0.080	0.084	-5.0	130	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.296	-5.7	137	0.00
37	2-Methylnaphthalene	0.622	0.630	-1.3	128	0.00
38	1-Methylnaphthalene	0.590	0.599	-1.5	132	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	135	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.695	-1.2	133	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.181	14.6	112	0.00
42 S	2,4,6-Tribromophenol	0.255	0.252	1.2	130	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.466	-4.3	134	0.00
44	2,4,5-Trichlorophenol	0.469	0.490	-4.5	142	0.00
45 S	2-Fluorobiphenyl	1.421	1.368	3.7	128	0.00
46	1,1'-Biphenyl	1.432	1.430	0.1	132	0.00
47	2-Chloronaphthalene	1.199	1.242	-3.6	138	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144121.D
Acq On : 29 Oct 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.356	0.357	-0.3	127	0.00
49	Acenaphthylene	1.617	1.679	-3.8	134	0.00
50	Dimethylphthalate	1.311	1.355	-3.4	134	0.00
51	2,6-Dinitrotoluene	0.259	0.272	-5.0	134	0.00
52 C	Acenaphthene	1.080	1.076	0.4	131	0.00
53	3-Nitroaniline	0.288	0.311	-8.0	131	0.00
54 P	2,4-Dinitrophenol	0.140	0.135	3.6	148	0.00
55	Dibenzofuran	1.499	1.529	-2.0	133	0.00
56 P	4-Nitrophenol	0.195	0.193	1.0	140	0.00
57	2,4-Dinitrotoluene	0.350	0.369	-5.4	130	0.00
58	Fluorene	1.143	1.160	-1.5	132	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.352	-6.7	132	0.00
60	Diethylphthalate	1.233	1.231	0.2	129	0.00
61	4-Chlorophenyl-phenylether	0.643	0.660	-2.6	132	0.00
62	4-Nitroaniline	0.273	0.277	-1.5	127	0.00
63	Azobenzene	1.167	1.166	0.1	128	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	130	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.128	0.0	135	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.669	-4.7	135	0.00
67	4-Bromophenyl-phenylether	0.250	0.265	-6.0	132	0.00
68	Hexachlorobenzene	0.307	0.310	-1.0	125	0.00
69	Atrazine	0.210	0.208	1.0	129	0.00
70 C	Pentachlorophenol	0.146	0.162	-11.0	141	0.00
71	Phenanthrene	0.994	1.031	-3.7	132	0.00
72	Anthracene	1.026	1.051	-2.4	129	0.00
73	Carbazole	0.874	0.888	-1.6	127	0.00
74	Di-n-butylphthalate	1.071	1.096	-2.3	127	0.00
75 C	Fluoranthene	1.098	1.097	0.1	127	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	124	0.00
77	Benzidine	0.622	0.657	-5.6	122	0.00
78	Pyrene	1.438	1.509	-4.9	123	0.00
79 S	Terphenyl-d14	1.144	1.166	-1.9	119	0.00
80	Butylbenzylphthalate	0.544	0.562	-3.3	116	0.00
81	Benzo(a)anthracene	1.352	1.439	-6.4	118	0.00
82	3,3'-Dichlorobenzidine	0.470	0.520	-10.6	126	0.00
83	Chrysene	1.268	1.339	-5.6	126	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.791	-6.5	123	0.00
85 c	Di-n-octyl phthalate	1.277	1.456	-14.0	129	0.00
86 I	Perylene-d12	1.000	1.000	0.0	133	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.487	-8.3	134	0.00
88	Benzo(b)fluoranthene	1.131	1.146	-1.3	121	0.00
89	Benzo(k)fluoranthene	1.043	1.131	-8.4	143	0.00
90 C	Benzo(a)pyrene	1.014	1.085	-7.0	133	0.00
91	Dibenzo(a,h)anthracene	1.087	1.186	-9.1	136	0.00
92	Benzo(g,h,i)perylene	1.093	1.183	-8.2	132	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144121.D
Acq On : 29 Oct 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144121.D
Acq On : 29 Oct 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	124	0.00
2	1,4-Dioxane	40.000	41.016	-2.5	127	-0.02
3	Pyridine	40.000	43.152	-7.9	128	-0.02
4	n-Nitrosodimethylamine	40.000	36.615	8.5	112	-0.02
5 S	2-Fluorophenol	80.000	85.206	-6.5	128	0.00
6	Aniline	40.000	42.009	-5.0	129	0.00
7 S	Phenol-d6	80.000	83.686	-4.6	129	0.00
8	2-Chlorophenol	40.000	41.239	-3.1	127	0.00
9	Benzaldehyde	40.000	38.777	3.1	125	0.00
10 C	Phenol	40.000	42.796	-7.0	132	0.00
11	bis(2-Chloroethyl)ether	40.000	42.797	-7.0	133	0.00
12	1,3-Dichlorobenzene	40.000	42.415	-6.0	129	0.00
13 C	1,4-Dichlorobenzene	40.000	42.348	-5.9	128	0.00
14	1,2-Dichlorobenzene	40.000	41.472	-3.7	127	0.00
15	Benzyl Alcohol	40.000	41.303	-3.3	127	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.062	-5.2	129	0.00
17	2-Methylphenol	40.000	42.361	-5.9	135	0.00
18	Hexachloroethane	40.000	40.302	-0.8	124	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.075	-2.7	131	0.00
20	3+4-Methylphenols	40.000	43.254	-8.1	130	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	130	0.00
22	Acetophenone	40.000	39.693	0.8	128	0.00
23 S	Nitrobenzene-d5	80.000	79.215	1.0	128	0.00
24	Nitrobenzene	40.000	40.760	-1.9	131	0.00
25	Isophorone	40.000	40.647	-1.6	132	0.00
26 C	2-Nitrophenol	40.000	42.017	-5.0	132	0.00
27	2,4-Dimethylphenol	40.000	42.492	-6.2	132	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.132	-2.8	132	0.00
29 C	2,4-Dichlorophenol	40.000	41.318	-3.3	132	0.00
30	1,2,4-Trichlorobenzene	40.000	40.926	-2.3	130	0.00
31	Naphthalene	40.000	40.566	-1.4	129	0.00
32	Benzoic acid	40.000	43.387	-8.5	168	0.00
33	4-Chloroaniline	40.000	42.453	-6.1	135	0.00
34 C	Hexachlorobutadiene	40.000	38.895	2.8	126	0.00
35	Caprolactam	40.000	42.378	-5.9	130	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.237	-5.6	137	0.00
37	2-Methylnaphthalene	40.000	40.463	-1.2	128	0.00
38	1-Methylnaphthalene	40.000	40.665	-1.7	132	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	135	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.433	-1.1	133	0.00
41 P	Hexachlorocyclopentadiene	40.000	34.011	15.0	112	0.00
42 S	2,4,6-Tribromophenol	80.000	79.017	1.2	130	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.760	-4.4	134	0.00
44	2,4,5-Trichlorophenol	40.000	41.791	-4.5	142	0.00
45 S	2-Fluorobiphenyl	80.000	77.029	3.7	128	0.00
46	1,1'-Biphenyl	40.000	39.957	0.1	132	0.00
47	2-Chloronaphthalene	40.000	41.405	-3.5	138	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144121.D
Acq On : 29 Oct 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.037	-0.1	127	0.00
49	Acenaphthylene	40.000	41.536	-3.8	134	0.00
50	Dimethylphthalate	40.000	41.342	-3.4	134	0.00
51	2,6-Dinitrotoluene	40.000	42.046	-5.1	134	0.00
52 C	Acenaphthene	40.000	39.855	0.4	131	0.00
53	3-Nitroaniline	40.000	43.238	-8.1	131	0.00
54 P	2,4-Dinitrophenol	40.000	38.660	3.4	148	0.00
55	Dibenzofuran	40.000	40.786	-2.0	133	0.00
56 P	4-Nitrophenol	40.000	39.550	1.1	140	0.00
57	2,4-Dinitrotoluene	40.000	42.178	-5.4	130	0.00
58	Fluorene	40.000	40.609	-1.5	132	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.612	-6.5	132	0.00
60	Diethylphthalate	40.000	39.944	0.1	129	0.00
61	4-Chlorophenyl-phenylether	40.000	41.094	-2.7	132	0.00
62	4-Nitroaniline	40.000	40.525	-1.3	127	0.00
63	Azobenzene	40.000	39.963	0.1	128	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	130	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.830	0.4	135	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.875	-4.7	135	0.00
67	4-Bromophenyl-phenylether	40.000	42.302	-5.8	132	0.00
68	Hexachlorobenzene	40.000	40.395	-1.0	125	0.00
69	Atrazine	40.000	39.616	1.0	129	0.00
70 C	Pentachlorophenol	40.000	44.431	-11.1	141	0.00
71	Phenanthrene	40.000	41.526	-3.8	132	0.00
72	Anthracene	40.000	40.944	-2.4	129	0.00
73	Carbazole	40.000	40.663	-1.7	127	0.00
74	Di-n-butylphthalate	40.000	40.941	-2.4	127	0.00
75 C	Fluoranthene	40.000	39.974	0.1	127	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	124	0.00
77	Benzydine	40.000	42.231	-5.6	122	0.00
78	Pyrene	40.000	41.969	-4.9	123	0.00
79 S	Terphenyl-d14	80.000	81.522	-1.9	119	0.00
80	Butylbenzylphthalate	40.000	41.351	-3.4	116	0.00
81	Benzo(a)anthracene	40.000	42.586	-6.5	118	0.00
82	3,3'-Dichlorobenzidine	40.000	44.172	-10.4	126	0.00
83	Chrysene	40.000	42.239	-5.6	126	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.623	-6.6	123	0.00
85 c	Di-n-octyl phthalate	40.000	45.619	-14.0	129	0.00
86 I	Perylene-d12	20.000	20.000	0.0	133	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.307	-8.3	134	0.00
88	Benzo(b)fluoranthene	40.000	40.544	-1.4	121	0.00
89	Benzo(k)fluoranthene	40.000	43.376	-8.4	143	0.00
90 C	Benzo(a)pyrene	40.000	42.801	-7.0	133	0.00
91	Dibenzo(a,h)anthracene	40.000	43.651	-9.1	136	0.00
92	Benzo(g,h,i)perylene	40.000	43.293	-8.2	132	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144121.D
Acq On : 29 Oct 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02
 Lab Code: ACE SDG No.: Q3447
 Instrument ID: BNA_G Calibration Date/Time: 10/28/2025 13:45
 Lab File ID: BG064600.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.584	1.484		-6.3	
2-Fluorophenol	1.192	1.244		4.4	
Phenol-d6	1.635	1.675		2.4	
1,4-Dichlorobenzene	1.460	1.522		4.2	20.0
2-Methylphenol	1.201	1.245		3.7	
3+4-Methylphenols	1.688	1.671		-1.0	
Nitrobenzene-d5	0.333	0.361		8.4	
Hexachloroethane	0.512	0.551		7.6	
Nitrobenzene	0.362	0.392		8.3	
Hexachlorobutadiene	0.284	0.301		6.0	20.0
2,4,6-Trichlorophenol	0.384	0.408		6.3	20.0
2-Fluorobiphenyl	1.319	1.384		4.9	
2,4,5-Trichlorophenol	0.443	0.462		4.3	
2,4-Dinitrotoluene	0.340	0.374		10.0	
2,4,6-Tribromophenol	0.289	0.305		5.5	
Hexachlorobenzene	0.270	0.286		5.9	
Pentachlorophenol	0.169	0.180		6.5	20.0
Terphenyl-d14	1.060	1.051		-0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	28654	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	112694	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	87446	20.000	ng	0.00
64) Phenanthrene-d10	17.573	188	216707	20.000	ng	0.00
76) Chrysene-d12	21.850	240	273944	20.000	ng	0.00
86) Perylene-d12	25.187	264	304830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	142616	83.542	ng	0.00
7) Phenol-d6	7.349	99	191982	81.955	ng	0.00
23) Nitrobenzene-d5	9.382	82	162656	86.691	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	106515	84.394	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	484009	83.896	ng	0.00
79) Terphenyl-d14	20.164	244	1151331	79.314	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.583	88	28627	37.877	ng	96
3) Pyridine	3.995	79	85039	37.468	ng	96
4) n-Nitrosodimethylamine	3.901	42	48193	39.595	ng	98
6) Aniline	7.526	93	131167	41.150	ng	97
8) 2-Chlorophenol	7.773	128	71365	39.939	ng	97
9) Benzaldehyde	7.338	77	50881	39.786	ng	98
10) Phenol	7.373	94	108177	41.757	ng	93
11) bis(2-Chloroethyl)ether	7.620	93	79327	41.648	ng	98
12) 1,3-Dichlorobenzene	8.107	146	85428	41.539	ng	99
13) 1,4-Dichlorobenzene	8.254	146	87240	41.719	ng	92
14) 1,2-Dichlorobenzene	8.577	146	82629	40.967	ng	97
15) Benzyl Alcohol	8.442	79	75132	38.894	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.736	45	222337	44.501	ng	98
17) 2-Methylphenol	8.642	107	71327	41.468	ng	95
18) Hexachloroethane	9.324	117	31601	43.063	ng	91
19) n-Nitroso-di-n-propyla...	9.018	70	69339	42.830	ng	98
20) 3+4-Methylphenols	8.971	107	95766	39.590	ng	98
22) Acetophenone	9.036	105	131316	42.627	ng	# 99
24) Nitrobenzene	9.424	77	88243	43.241	ng	99
25) Isophorone	9.952	82	195962	43.526	ng	98
26) 2-Nitrophenol	10.140	139	30416	39.240	ng	95
27) 2,4-Dimethylphenol	10.187	122	72780	43.459	ng	92
28) bis(2-Chloroethoxy)met...	10.428	93	110021	42.920	ng	99
29) 2,4-Dichlorophenol	10.675	162	75996	42.166	ng	98
30) 1,2,4-Trichlorobenzene	10.904	180	88031	42.989	ng	94
31) Naphthalene	11.092	128	267088	42.747	ng	98
32) Benzoic acid	10.293	122	36127	30.728	ng	94
33) 4-Chloroaniline	11.186	127	102047	42.020	ng	96
34) Hexachlorobutadiene	11.386	225	67950	42.430	ng	97
35) Caprolactam	11.944	113	27418	39.664	ng	# 82
36) 4-Chloro-3-methylphenol	12.285	107	91886	42.414	ng	95
37) 2-Methylnaphthalene	12.684	142	195870	42.698	ng	99
38) 1-Methylnaphthalene	12.902	142	190905	42.038	ng	100
40) 1,2,4,5-Tetrachloroben...	13.049	216	124461	42.409	ng	99
41) Hexachlorocyclopentadiene	13.037	237	57178	43.286	ng	96
43) 2,4,6-Trichlorophenol	13.272	196	71291	42.468	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064600.D
 Acq On : 28 Oct 2025 13:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

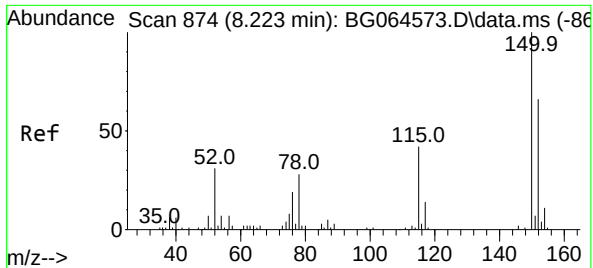
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.342	196	80887	41.754	ng	99
46) 1,1'-Biphenyl	13.677	154	264348	42.521	ng	98
47) 2-Chloronaphthalene	13.724	162	199722	42.561	ng	99
48) 2-Nitroaniline	13.906	65	56752	36.830	ng	95
49) Acenaphthylene	14.565	152	314519	42.492	ng	100
50) Dimethylphthalate	14.283	163	275910	41.234	ng	100
51) 2,6-Dinitrotoluene	14.394	165	41085	37.929	ng	97
52) Acenaphthene	14.905	154	215218	42.558	ng	99
53) 3-Nitroaniline	14.723	138	50696	44.086	ng	98
54) 2,4-Dinitrophenol	14.923	184	27617	43.496	ng	79
55) Dibenzofuran	15.234	168	344095	42.088	ng	96
56) 4-Nitrophenol	15.011	139	45706	42.870	ng	92
57) 2,4-Dinitrotoluene	15.176	165	65358	38.904	ng	# 98
58) Fluorene	15.881	166	273843	42.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.452	232	78718	42.494	ng	99
60) Diethylphthalate	15.640	149	283156	41.444	ng	98
61) 4-Chlorophenyl-phenyle...	15.869	204	152906	42.673	ng	97
62) 4-Nitroaniline	15.881	138	59041	46.150	ng	95
63) Azobenzene	16.163	77	272127	43.410	ng	97
65) 4,6-Dinitro-2-methylph...	15.939	198	41592	44.112	ng	93
66) n-Nitrosodiphenylamine	16.080	169	245458	41.931	ng	98
67) 4-Bromophenyl-phenylether	16.762	248	108377	42.202	ng	98
68) Hexachlorobenzene	16.885	284	124024	42.333	ng	97
69) Atrazine	17.015	200	100596	39.933	ng	97
70) Pentachlorophenol	17.220	266	77871	42.624	ng	94
71) Phenanthrene	17.620	178	508872	42.940	ng	99
72) Anthracene	17.708	178	519429	43.088	ng	100
73) Carbazole	17.966	167	461150	43.381	ng	99
74) Di-n-butylphthalate	18.525	149	509848	41.476	ng	99
75) Fluoranthene	19.612	202	657820	44.309	ng	100
77) Benzidine	19.776	184	263080	42.865	ng	99
78) Pyrene	19.970	202	701611	39.200	ng	99
80) Butylbenzylphthalate	20.851	149	223322	41.284	ng	98
81) Benzo(a)anthracene	21.833	228	783360	43.127	ng	99
82) 3,3'-Dichlorobenzidine	21.733	252	264664	43.634	ng	99
83) Chrysene	21.897	228	737979	42.699	ng	99
84) Bis(2-ethylhexyl)phtha...	21.738	149	338648	41.896	ng	99
85) Di-n-octyl phthalate	23.002	149	585842	42.989	ng	99
87) Indeno(1,2,3-cd)pyrene	29.030	276	965926	43.075	ng	99
88) Benzo(b)fluoranthene	24.136	252	782982	41.888	ng	100
89) Benzo(k)fluoranthene	24.200	252	795148	42.510	ng	98
90) Benzo(a)pyrene	25.041	252	732498	42.632	ng	98
91) Dibenzo(a,h)anthracene	29.095	278	787525	43.228	ng	97
92) Benzo(g,h,i)perylene	30.211	276	743544	42.724	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

- 1
- 2
- 3
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- 16
- 17

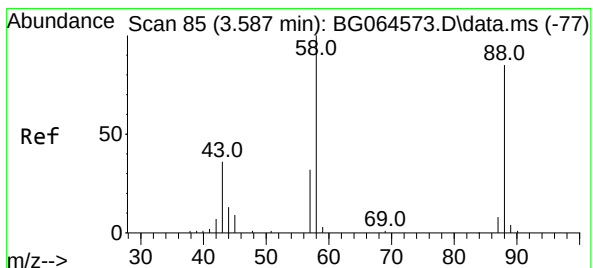
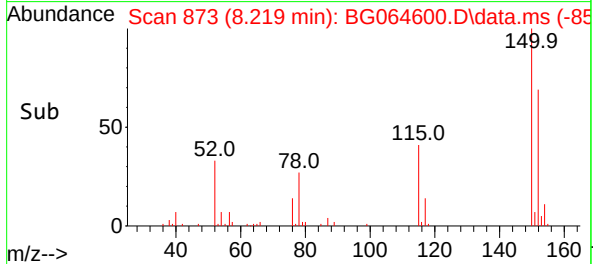
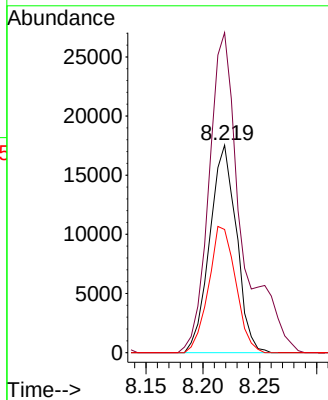
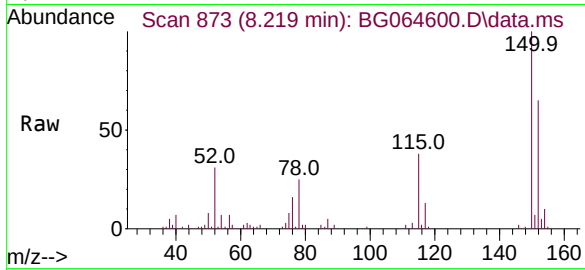




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

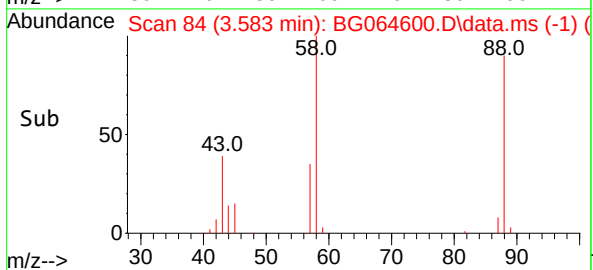
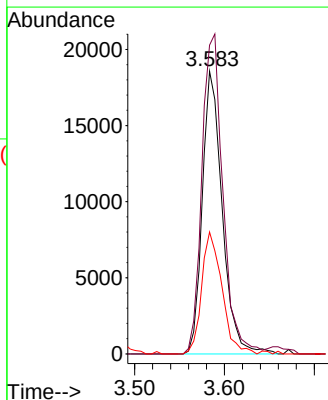
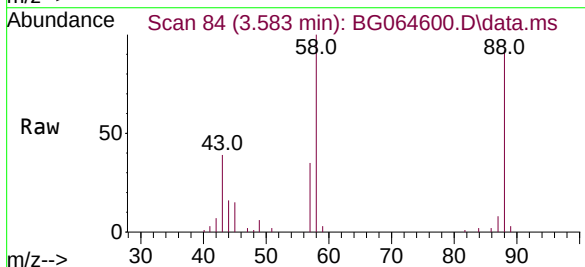
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

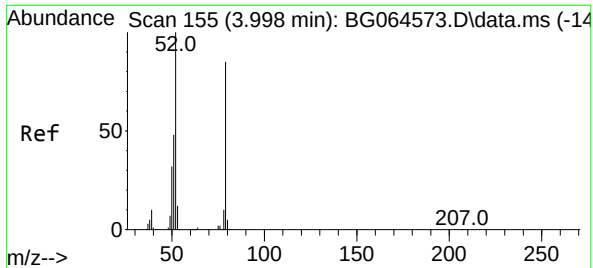
Tgt Ion:152 Resp: 28654
Ion Ratio Lower Upper
152 100
150 154.2 122.2 183.4
115 59.3 50.8 76.2



#2
1,4-Dioxane
Concen: 37.877 ng
RT: 3.583 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion: 88 Resp: 28627
Ion Ratio Lower Upper
88 100
58 119.2 92.4 138.6
43 43.7 33.0 49.6

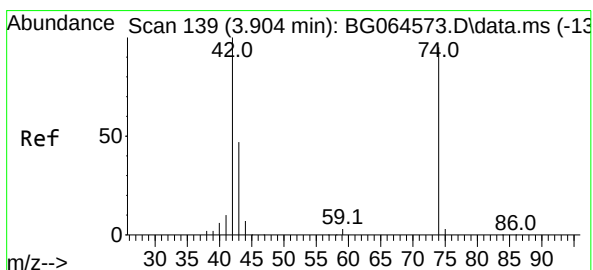
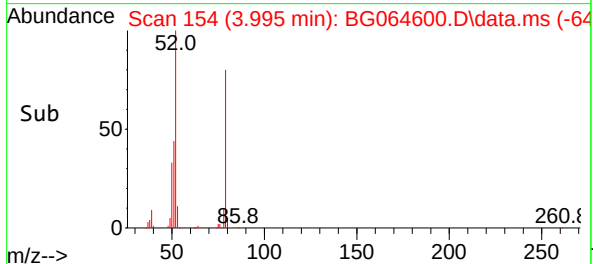
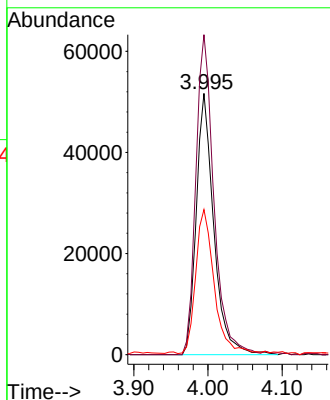
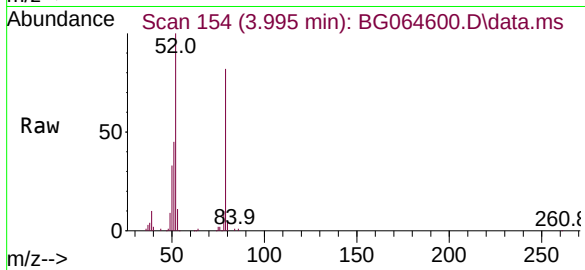




#3
Pyridine
Concen: 37.468 ng
RT: 3.995 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

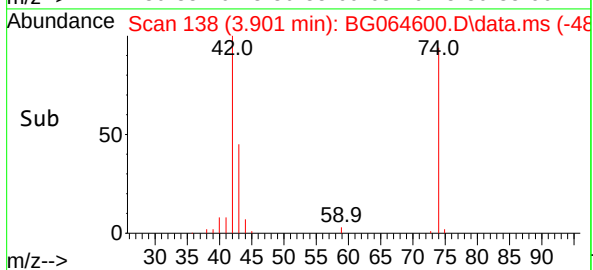
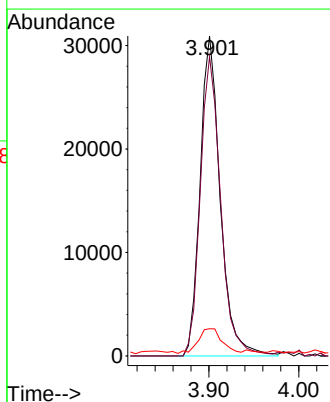
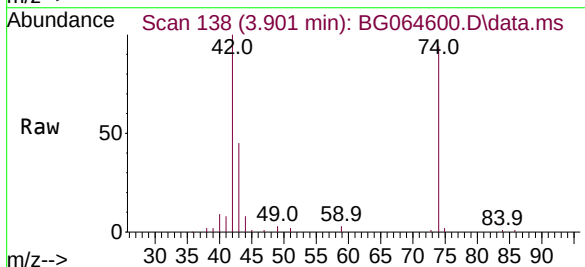
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

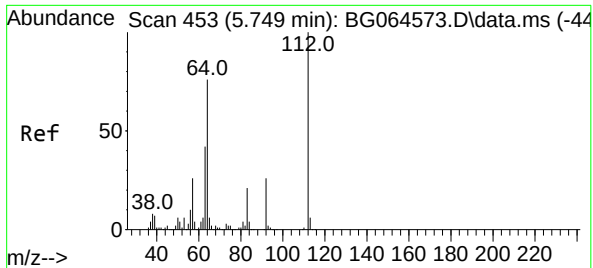
Tgt Ion	Ratio	Lower	Upper
79	100		
52	122.5	94.2	141.2
51	55.5	46.1	69.1



#4
n-Nitrosodimethylamine
Concen: 39.595 ng
RT: 3.901 min Scan# 138
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	93.5	76.1	114.1
44	8.5	6.3	9.5

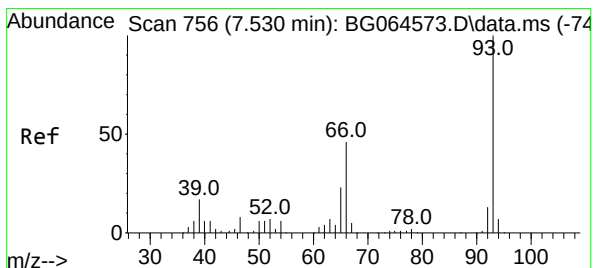
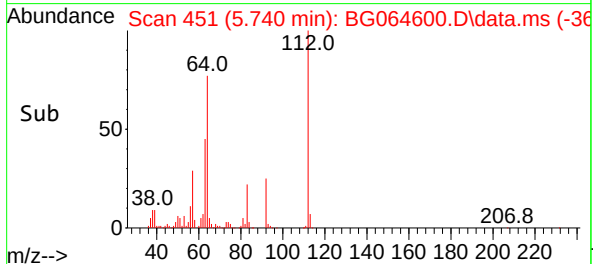
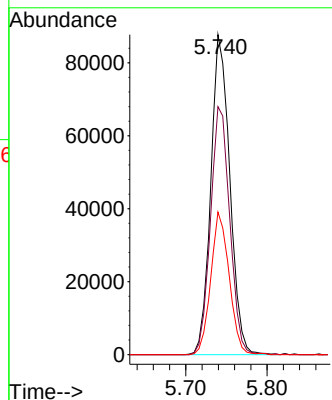
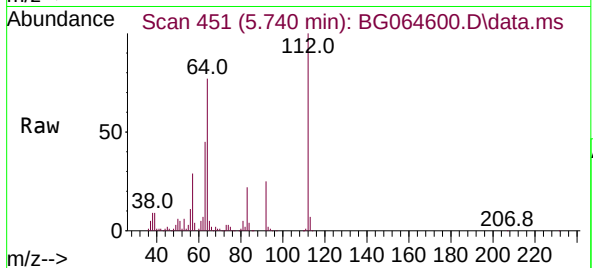




#5
2-Fluorophenol
Concen: 83.542 ng
RT: 5.740 min Scan# 451
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

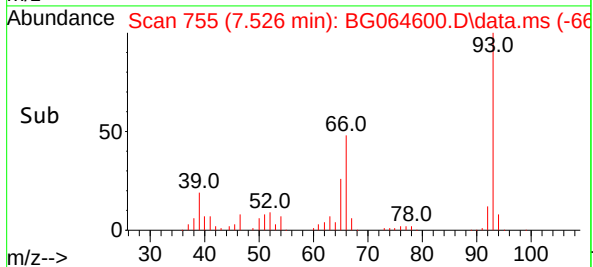
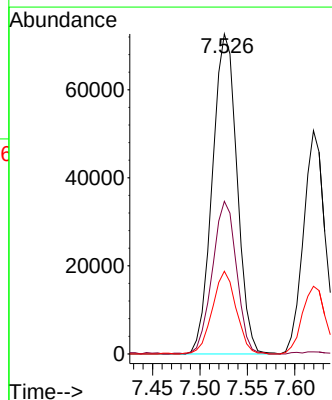
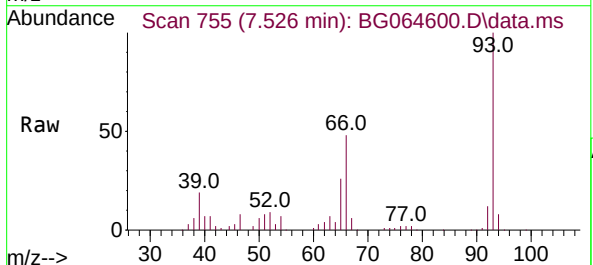
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

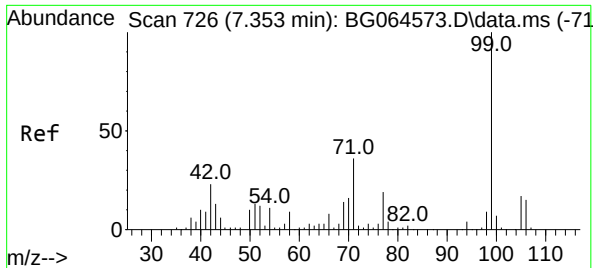
Tgt Ion:112 Resp: 142616
Ion Ratio Lower Upper
112 100
64 77.5 60.7 91.1
63 44.5 33.4 50.0



#6
Aniline
Concen: 41.150 ng
RT: 7.526 min Scan# 755
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion: 93 Resp: 131167
Ion Ratio Lower Upper
93 100
66 47.7 37.0 55.6
65 25.9 18.3 27.5





#7

Phenol-d6

Concen: 81.955 ng

RT: 7.349 min Scan# 71

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

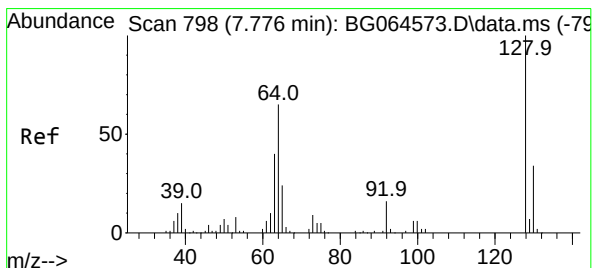
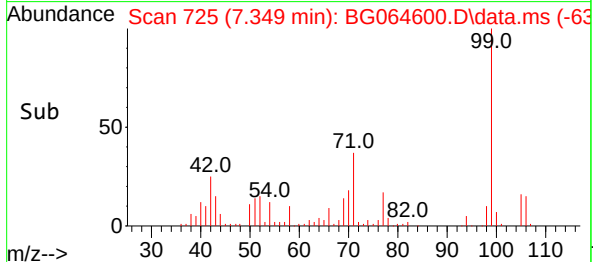
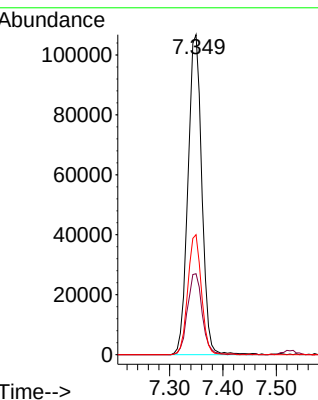
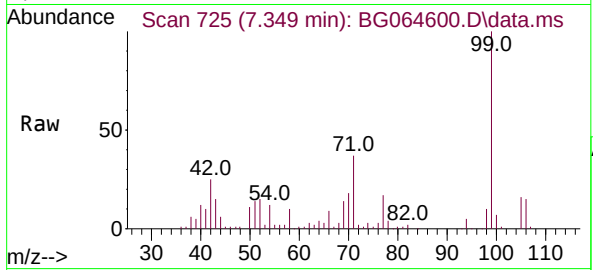
Tgt Ion: 99 Resp: 191982

Ion Ratio Lower Upper

99 100

42 25.3 18.3 27.5

71 37.5 28.6 43.0



#8

2-Chlorophenol

Concen: 39.939 ng

RT: 7.773 min Scan# 797

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

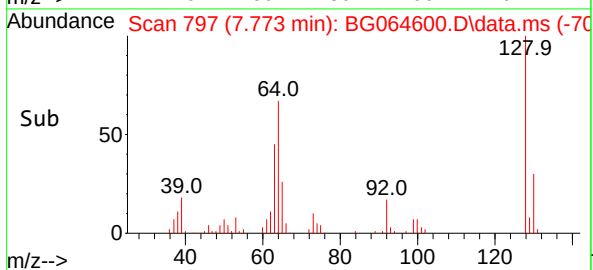
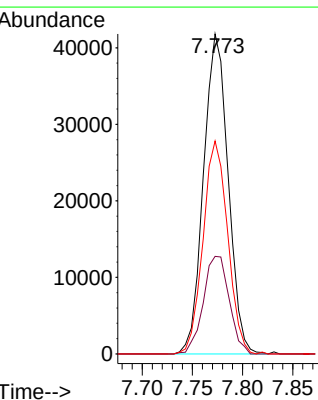
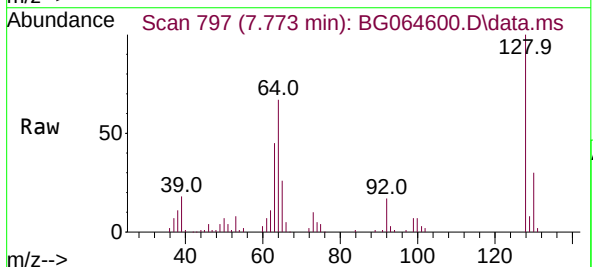
Tgt Ion: 128 Resp: 71365

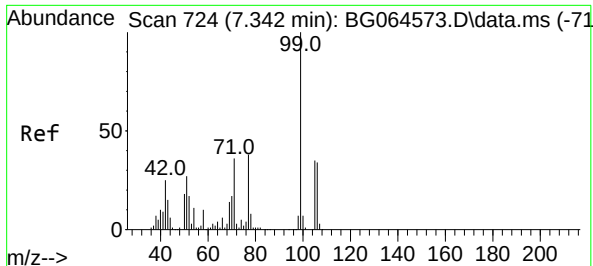
Ion Ratio Lower Upper

128 100

130 30.5 13.5 53.5

64 66.5 45.2 85.2

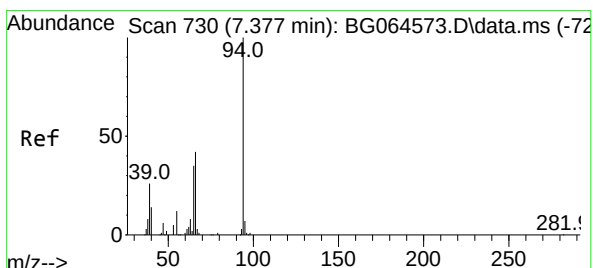
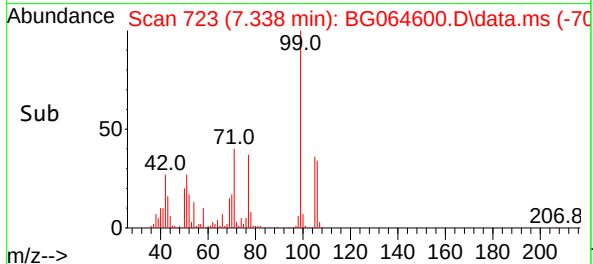
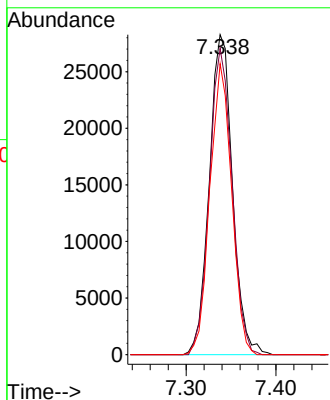
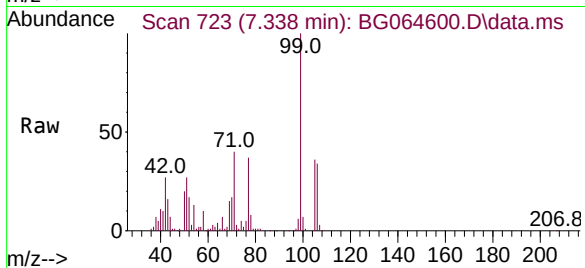




#9
Benzaldehyde
Concen: 39.786 ng
RT: 7.338 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

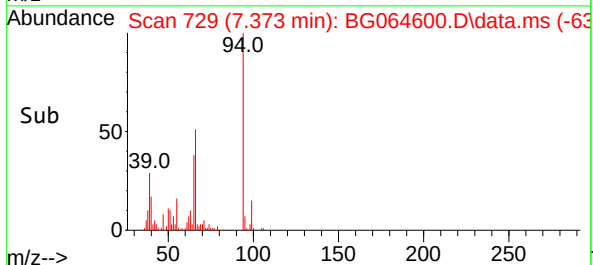
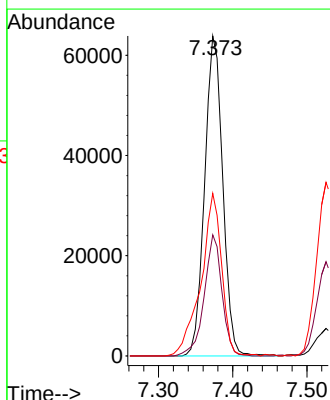
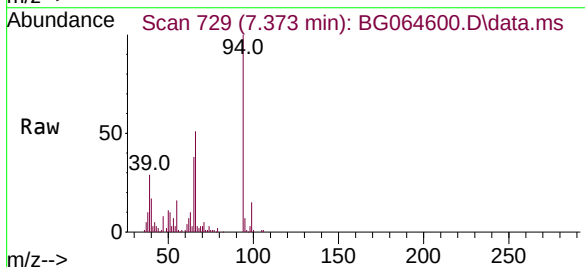
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

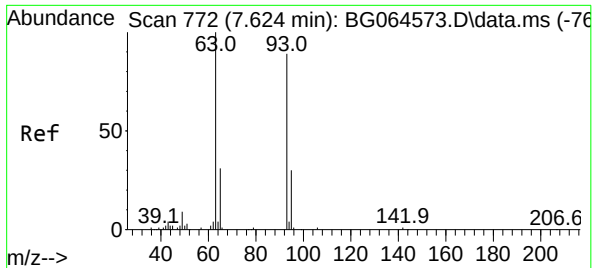
Tgt Ion: 77 Resp: 50881
Ion Ratio Lower Upper
77 100
105 95.7 72.9 112.9
106 90.9 70.8 110.8



#10
Phenol
Concen: 41.757 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion: 94 Resp: 108177
Ion Ratio Lower Upper
94 100
65 37.8 15.8 55.8
66 50.8 24.0 64.0

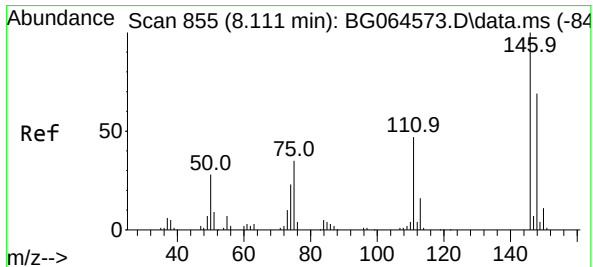
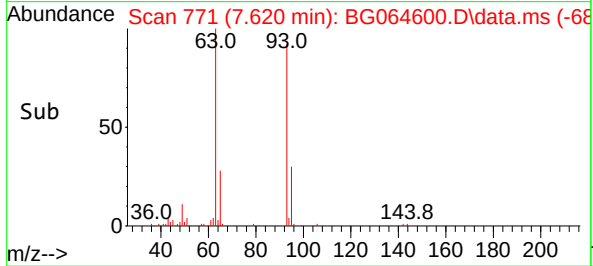
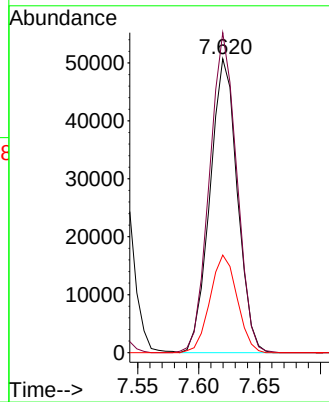
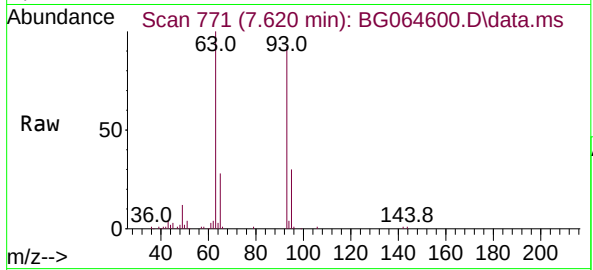




#11
bis(2-Chloroethyl)ether
Concen: 41.648 ng
RT: 7.620 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

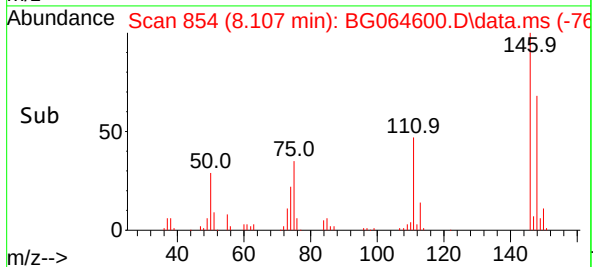
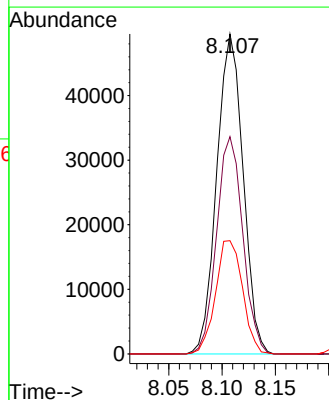
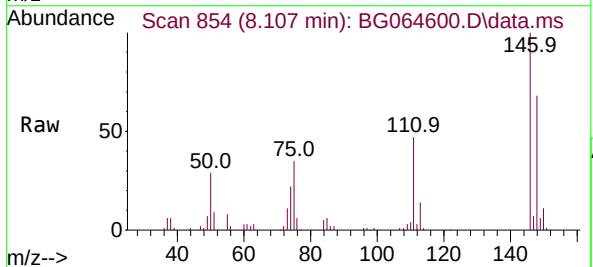
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

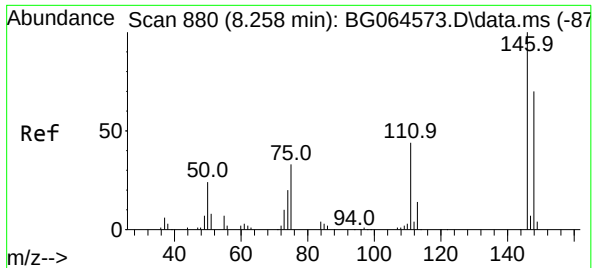
Tgt Ion: 93 Resp: 79327
Ion Ratio Lower Upper
93 100
63 108.9 91.3 131.3
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.539 ng
RT: 8.107 min Scan# 854
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion: 146 Resp: 85428
Ion Ratio Lower Upper
146 100
148 67.9 55.3 82.9
75 35.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.719 ng

RT: 8.254 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

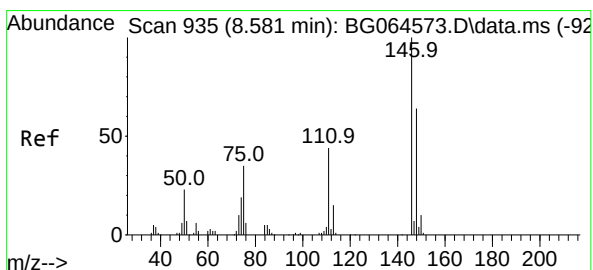
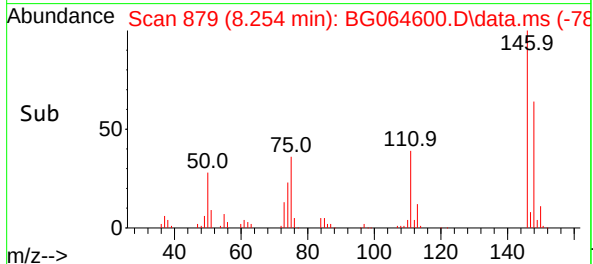
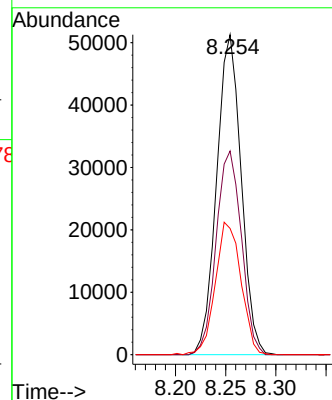
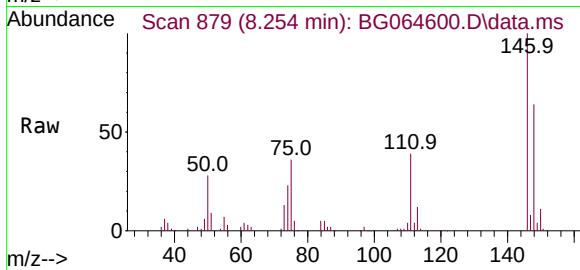
Tgt Ion:146 Resp: 87240

Ion Ratio Lower Upper

146 100

148 63.6 56.2 84.4

111 39.4 35.4 53.0



#14

1,2-Dichlorobenzene

Concen: 40.967 ng

RT: 8.577 min Scan# 934

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

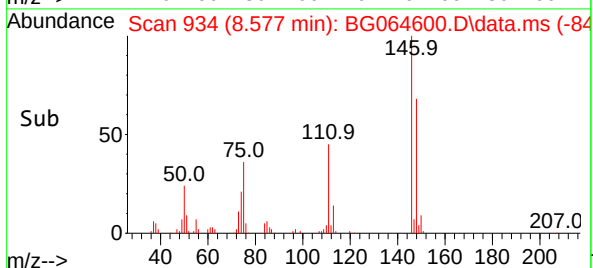
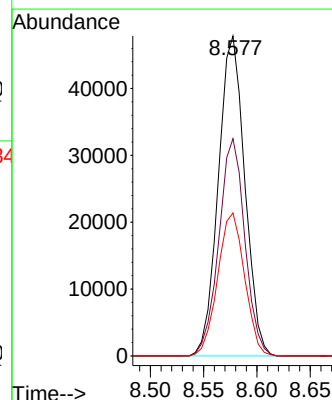
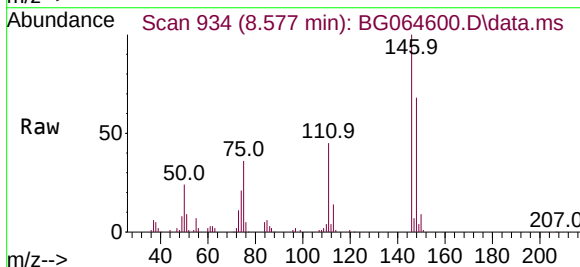
Tgt Ion:146 Resp: 82629

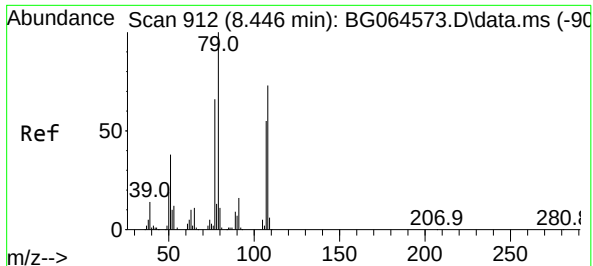
Ion Ratio Lower Upper

146 100

148 67.9 51.5 77.3

111 44.7 35.0 52.6

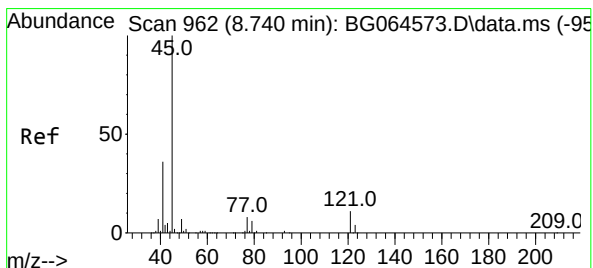
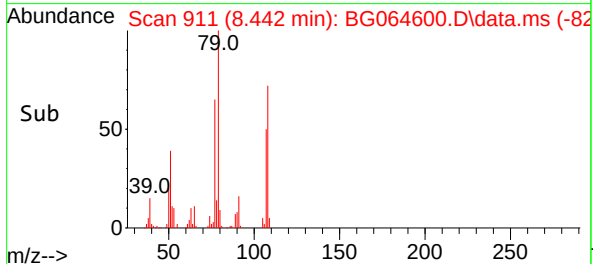
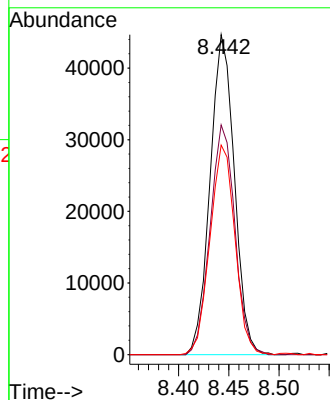
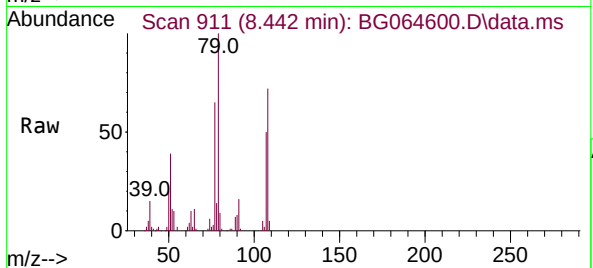




#15
Benzyl Alcohol
Concen: 38.894 ng
RT: 8.442 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

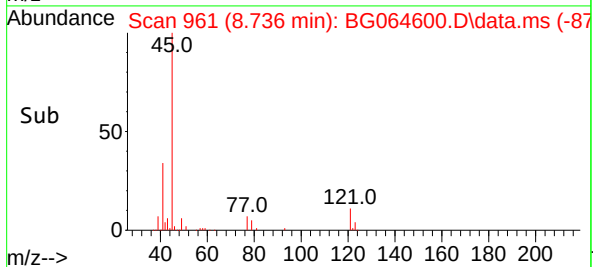
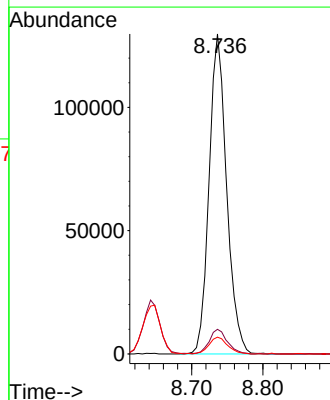
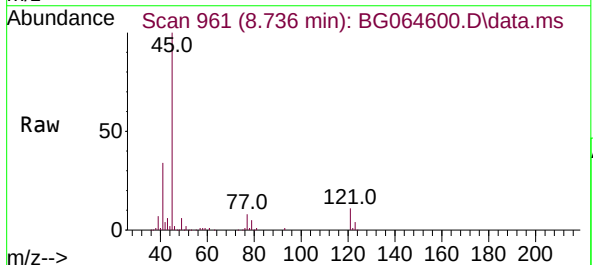
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

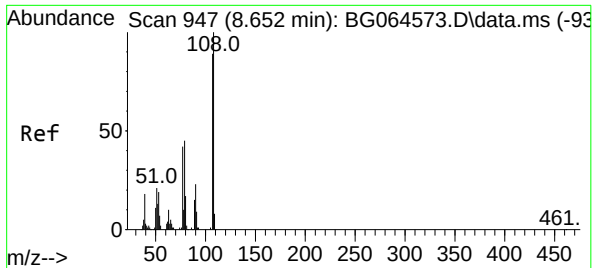
Tgt Ion: 79 Resp: 75132
Ion Ratio Lower Upper
79 100
108 71.8 58.1 87.1
77 65.5 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.501 ng
RT: 8.736 min Scan# 961
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion: 45 Resp: 222337
Ion Ratio Lower Upper
45 100
77 7.7 0.0 28.5
79 5.2 0.0 25.6

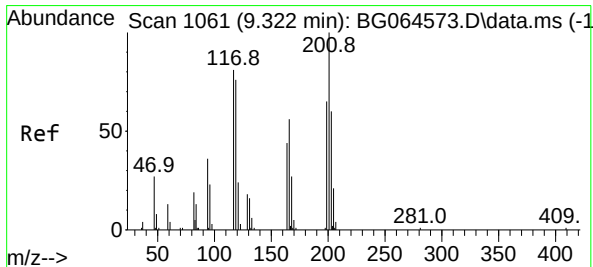
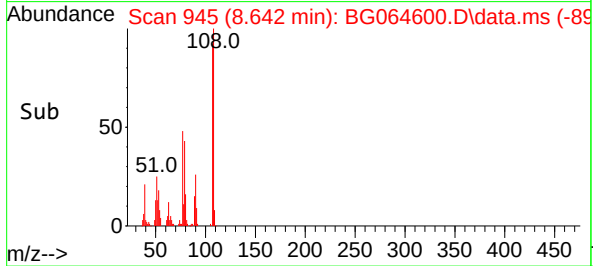
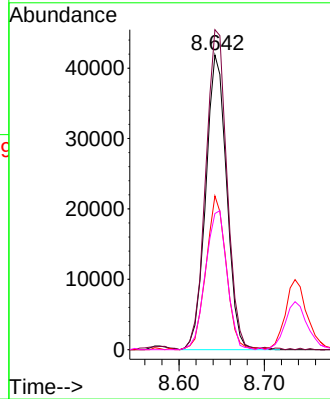
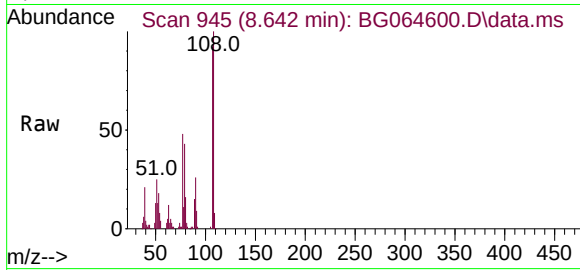




#17
2-Methylphenol
Concen: 41.468 ng
RT: 8.642 min Scan# 947
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

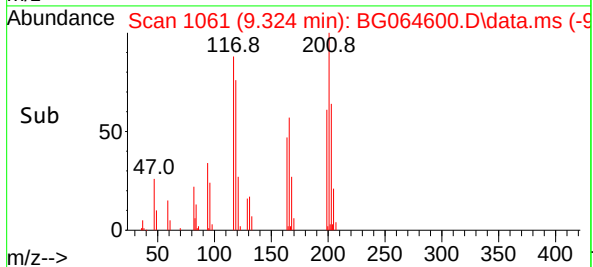
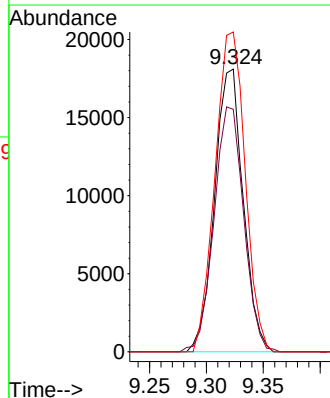
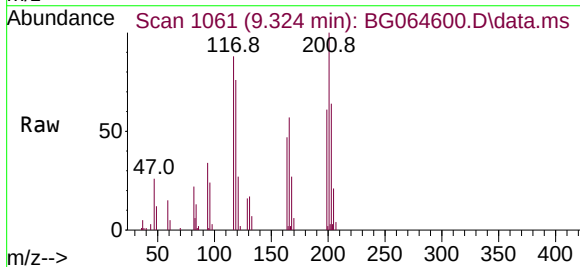
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

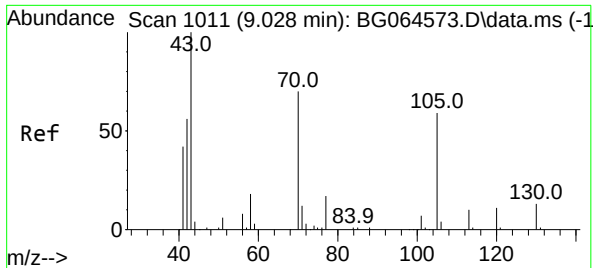
Tgt Ion:	107	Resp:	71327
Ion Ratio	Lower	Upper	
107	100		
108	108.6	90.0	135.0
77	52.2	37.8	56.8
79	46.2	40.5	60.7



#18
Hexachloroethane
Concen: 43.063 ng
RT: 9.324 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	117	Resp:	31601
Ion Ratio	Lower	Upper	
117	100		
119	85.8	75.4	113.2
201	113.2	99.2	148.8



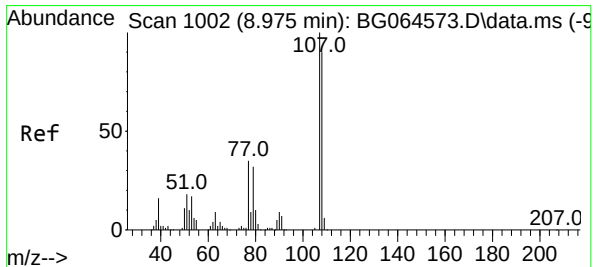
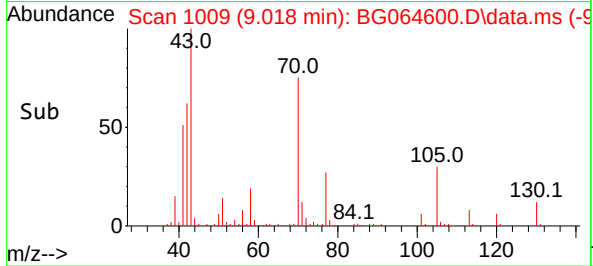
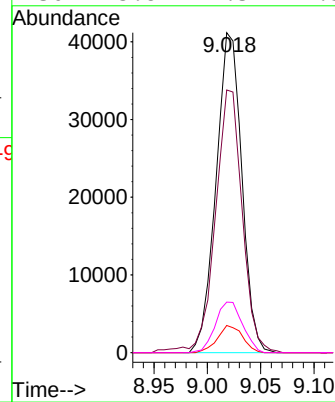
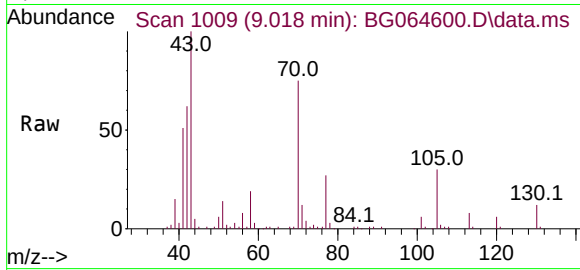


#19
n-Nitroso-di-n-propylamine
Concen: 42.830 ng
RT: 9.018 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 69339

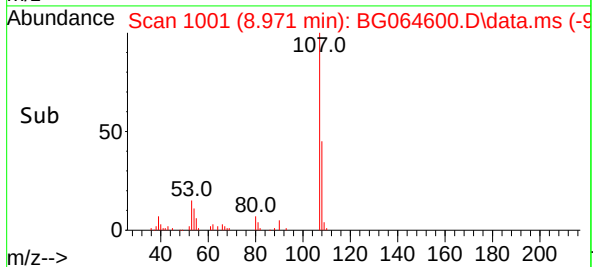
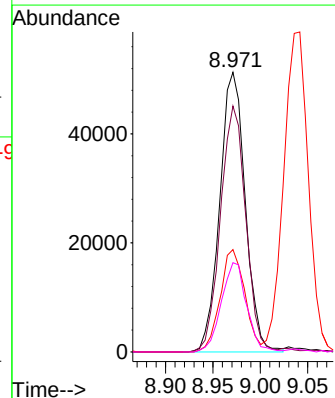
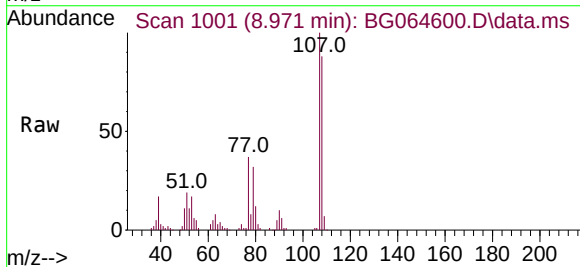
Ion	Ratio	Lower	Upper
70	100		
42	82.1	65.2	97.8
101	8.5	7.9	11.9
130	15.8	14.3	21.5

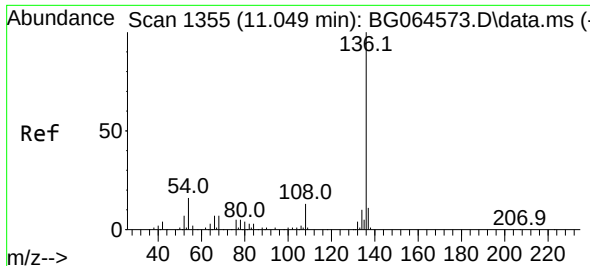


#20
3+4-Methylphenols
Concen: 39.590 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion: 107 Resp: 95766

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.3	110.3
77	36.6	14.6	54.6
79	31.9	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.045 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 112694

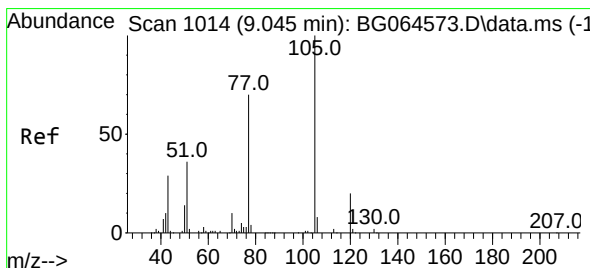
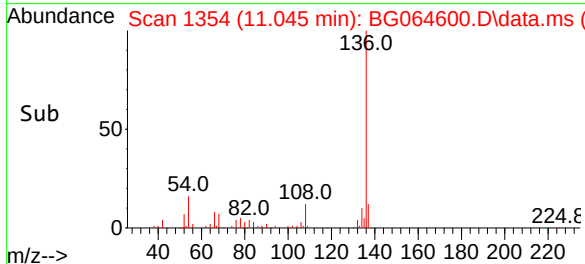
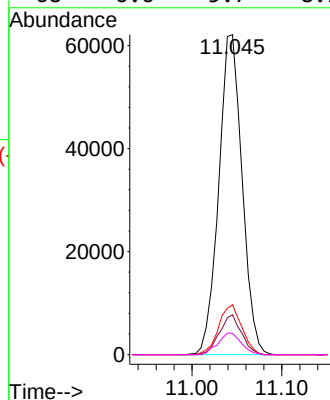
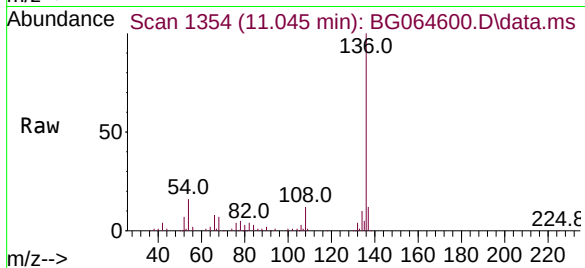
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 15.6 12.6 19.0

68 6.6 5.7 8.5



#22

Acetophenone

Concen: 42.627 ng

RT: 9.036 min Scan# 1012

Delta R.T. -0.010 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Tgt Ion:105 Resp: 131316

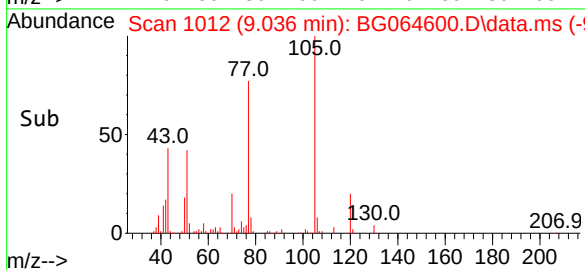
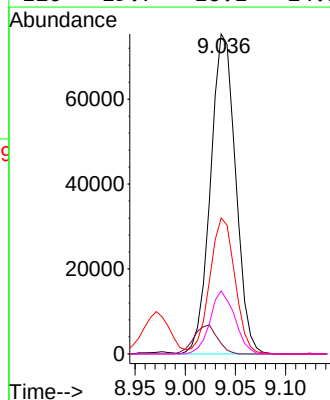
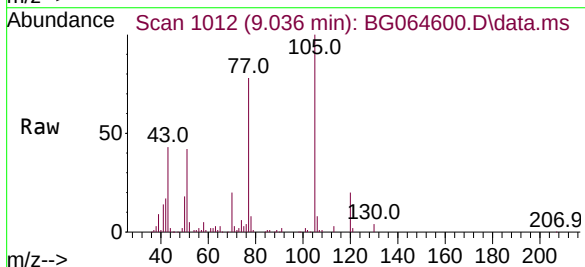
Ion Ratio Lower Upper

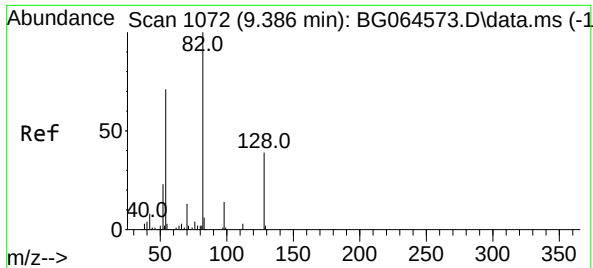
105 100

71 3.3 1.5 2.3

51 42.5 33.7 50.5

120 19.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 86.691 ng

RT: 9.382 min Scan# 1071

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

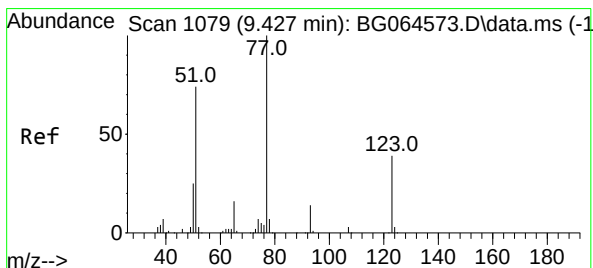
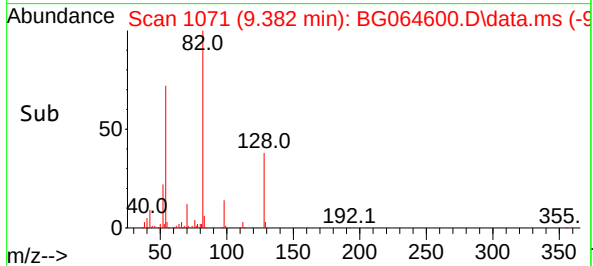
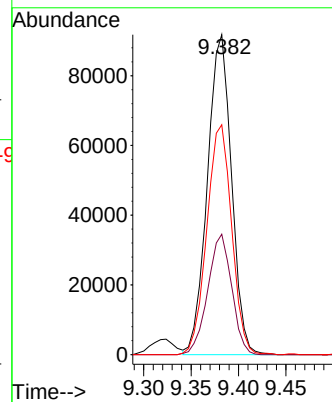
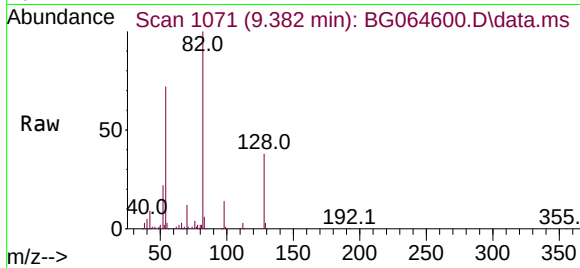
Tgt Ion: 82 Resp: 162656

Ion Ratio Lower Upper

82 100

128 37.6 31.3 46.9

54 71.8 56.6 84.8



#24

Nitrobenzene

Concen: 43.241 ng

RT: 9.424 min Scan# 1078

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

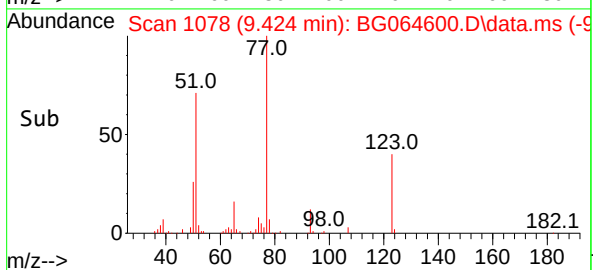
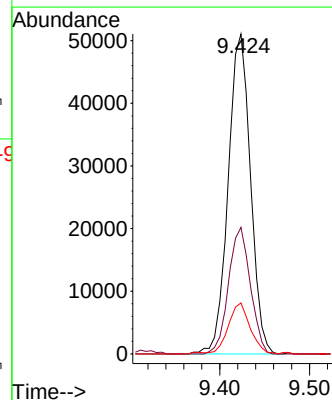
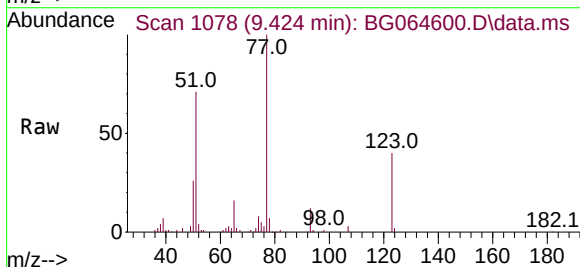
Tgt Ion: 77 Resp: 88243

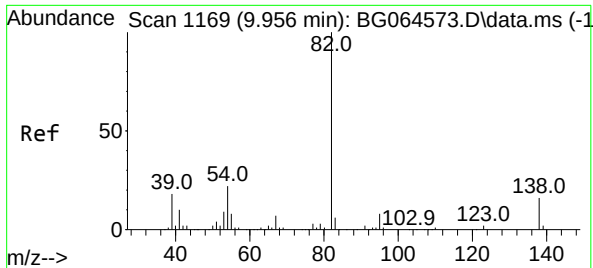
Ion Ratio Lower Upper

77 100

123 39.5 31.0 46.6

65 15.9 12.7 19.1

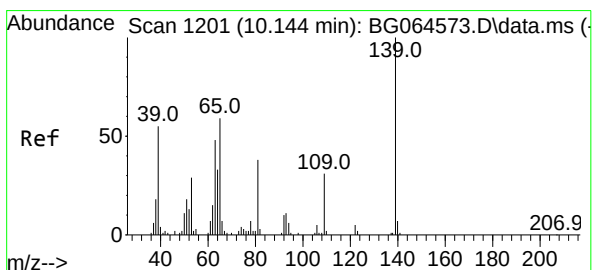
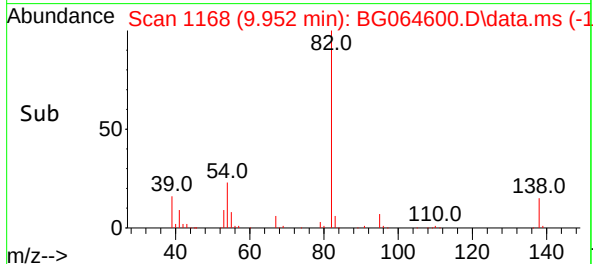
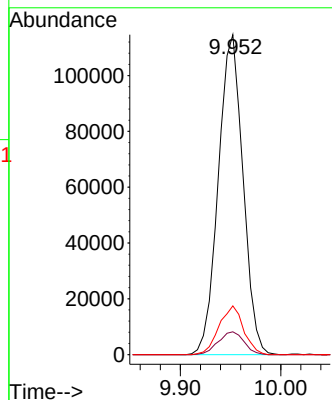
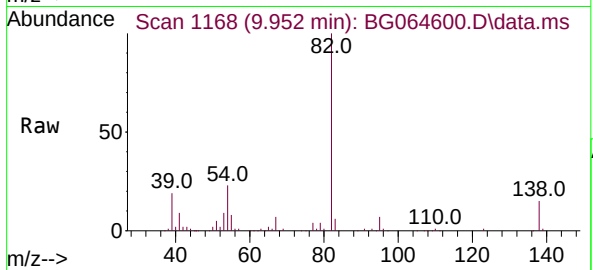




#25
Isophorone
Concen: 43.526 ng
RT: 9.952 min Scan# 1168
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

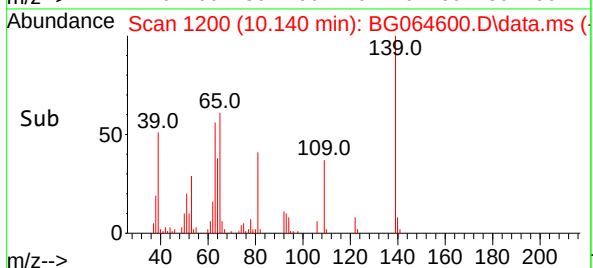
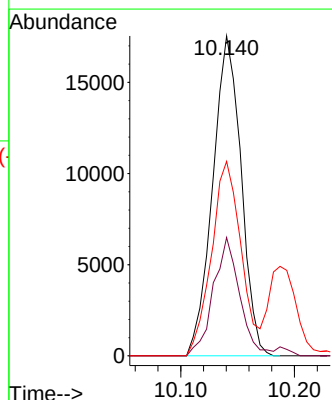
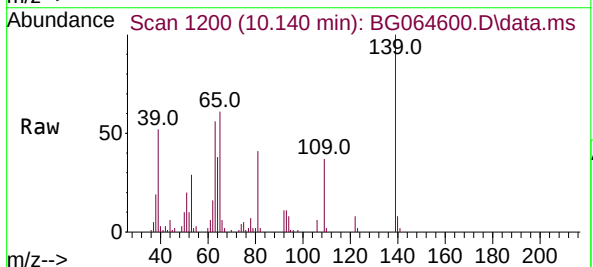
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

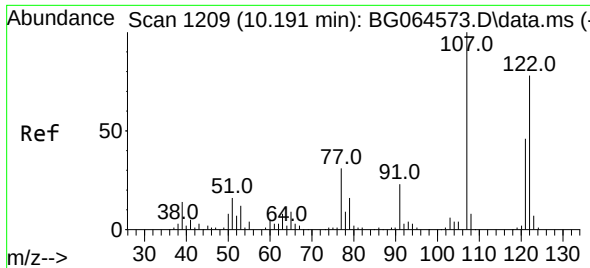
Tgt Ion:	82	Resp:	195962
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.1	9.1
138	15.2	13.0	19.4



#26
2-Nitrophenol
Concen: 39.240 ng
RT: 10.140 min Scan# 1200
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	139	Resp:	30416
Ion Ratio	Lower	Upper	
139	100		
109	37.0	24.6	37.0
65	60.8	47.5	71.3





#27

2,4-Dimethylphenol

Concen: 43.459 ng

RT: 10.187 min Scan# 1209

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

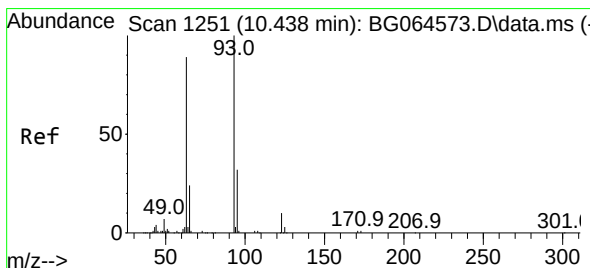
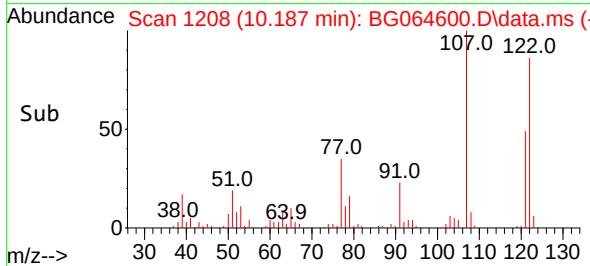
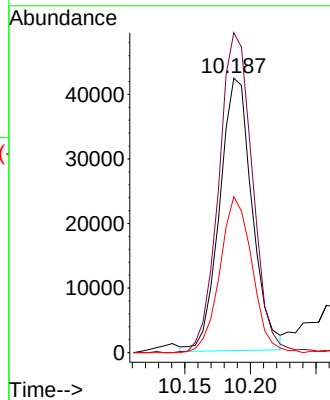
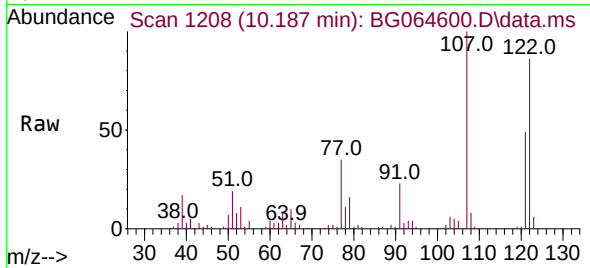
Tgt Ion:122 Resp: 72780

Ion Ratio Lower Upper

122 100

107 116.7 103.0 154.4

121 56.8 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.920 ng

RT: 10.428 min Scan# 1249

Delta R.T. -0.010 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

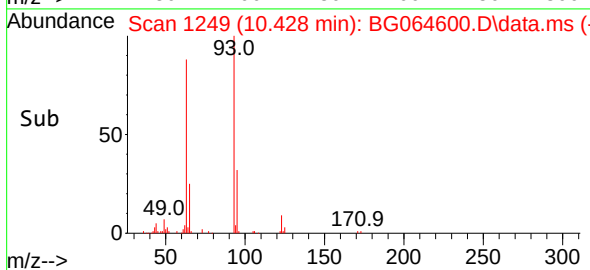
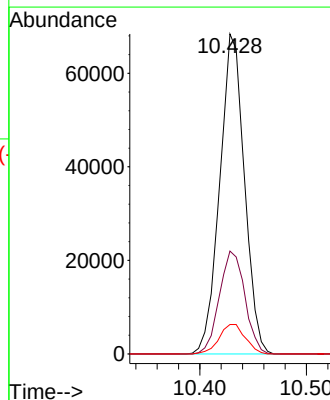
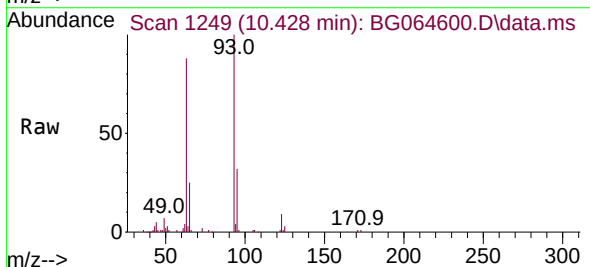
Tgt Ion: 93 Resp: 110021

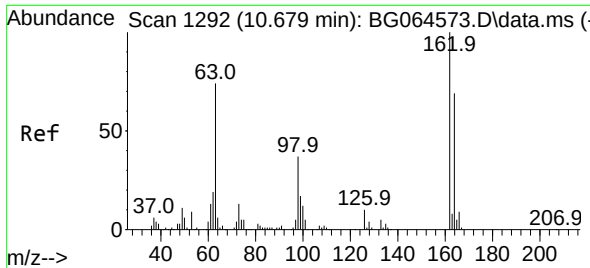
Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.2

123 9.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 42.166 ng

RT: 10.675 min Scan# 1292

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

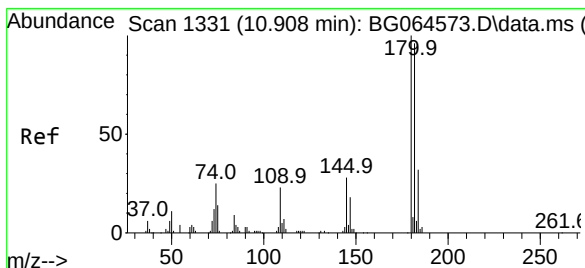
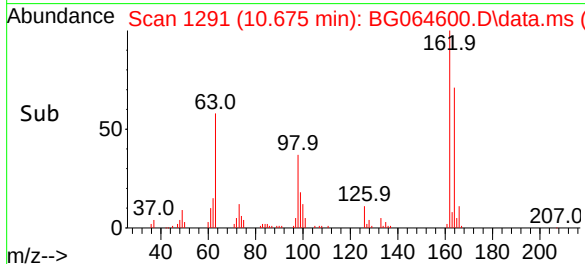
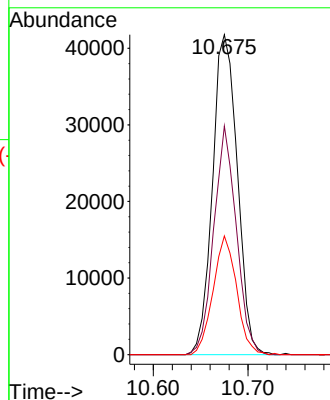
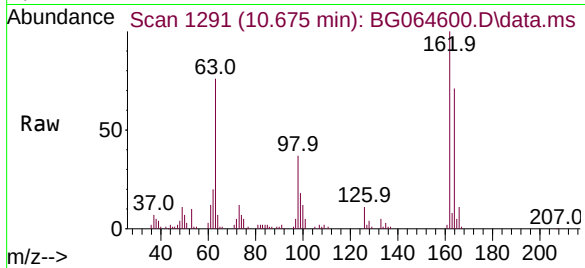
Tgt Ion:162 Resp: 75996

Ion Ratio Lower Upper

162 100

164 71.4 48.7 88.7

98 37.1 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 42.989 ng

RT: 10.904 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

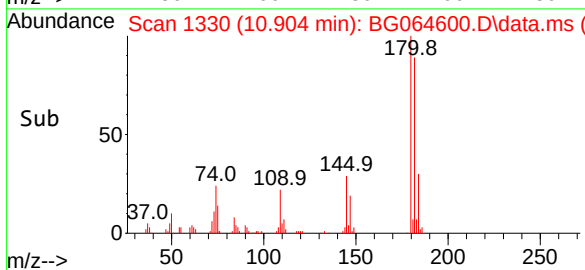
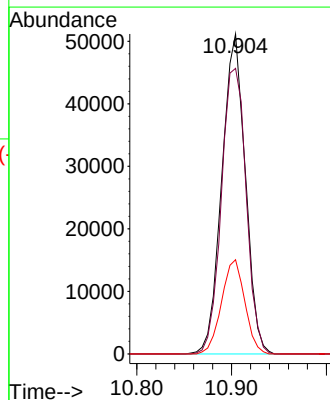
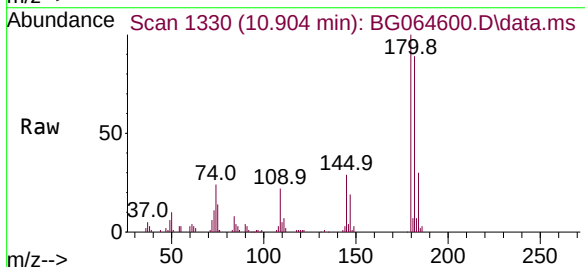
Tgt Ion:180 Resp: 88031

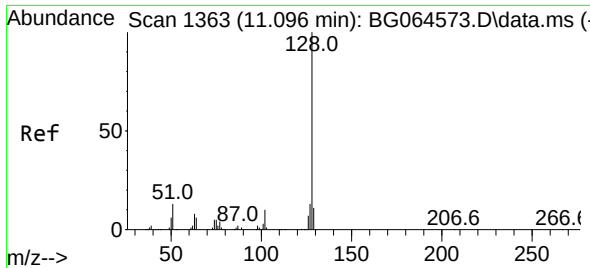
Ion Ratio Lower Upper

180 100

182 89.2 76.9 115.3

145 29.4 22.1 33.1

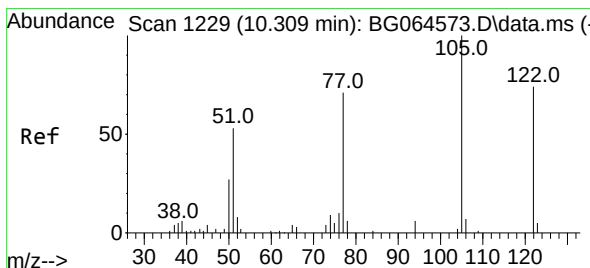
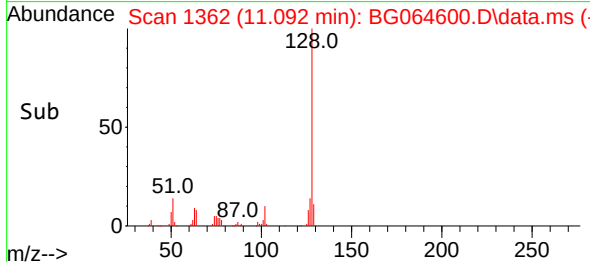
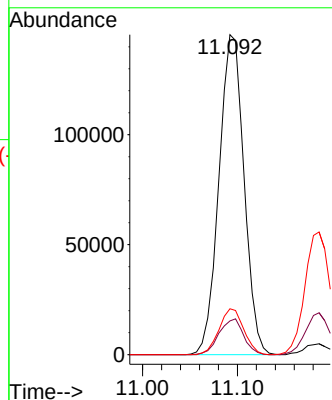
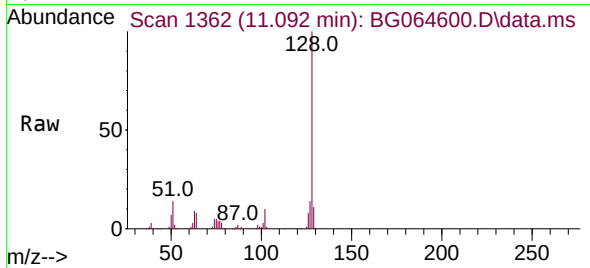




#31
Naphthalene
Concen: 42.747 ng
RT: 11.092 min Scan# 1363
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

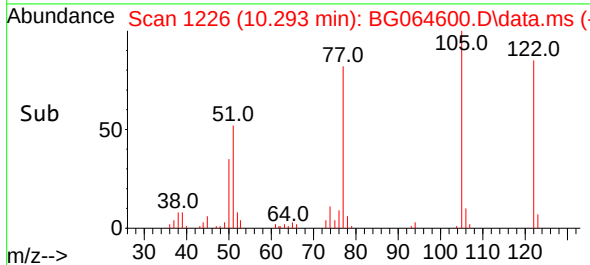
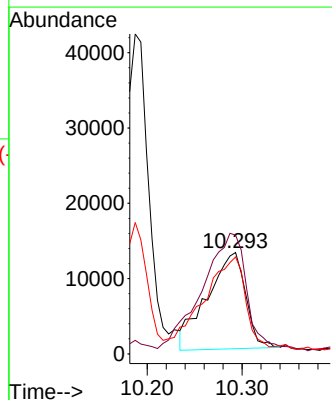
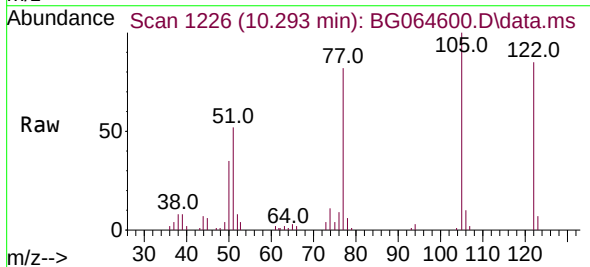
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

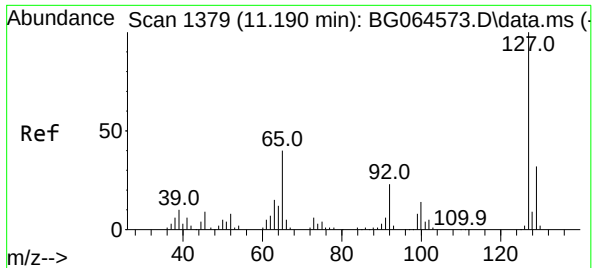
Tgt Ion:128 Resp: 267088
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 14.3 10.6 15.8



#32
Benzoic acid
Concen: 30.728 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.016 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:122 Resp: 36127
Ion Ratio Lower Upper
122 100
105 117.2 104.2 144.2
77 95.5 70.2 110.2

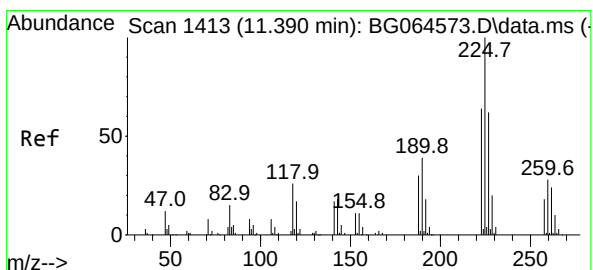
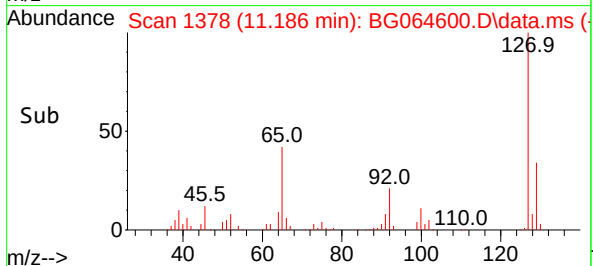
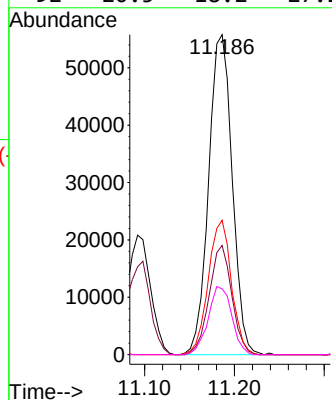
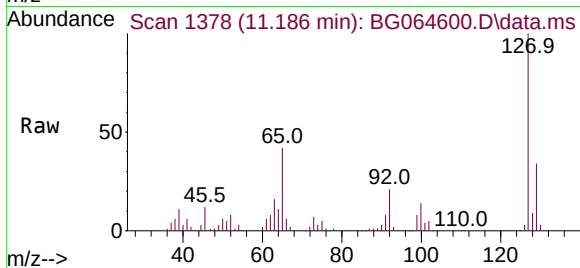




#33
4-Chloroaniline
Concen: 42.020 ng
RT: 11.186 min Scan# 1411
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

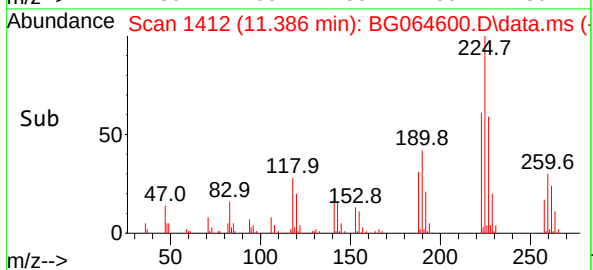
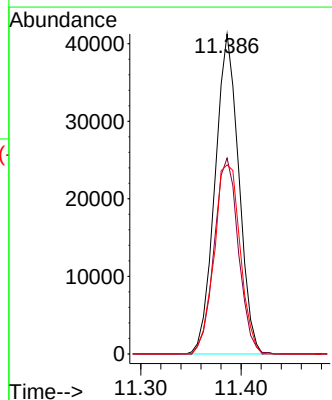
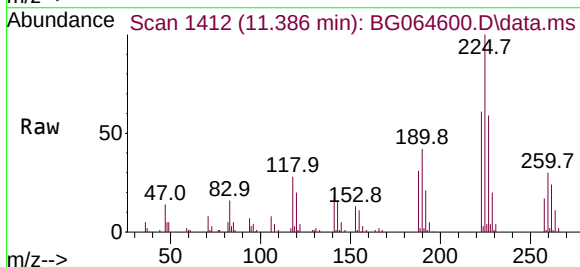
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

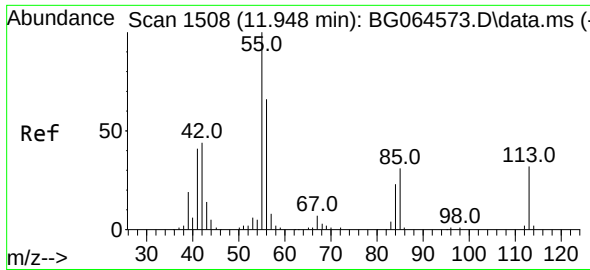
Tgt Ion:127	Resp: 102047
Ion Ratio	Lower Upper
127 100	
129 34.1	25.5 38.3
65 42.0	32.2 48.4
92 20.5	18.2 27.2



#34
Hexachlorobutadiene
Concen: 42.430 ng
RT: 11.386 min Scan# 1412
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:225	Resp: 67950
Ion Ratio	Lower Upper
225 100	
223 64.2	48.8 73.2
227 62.6	49.5 74.3

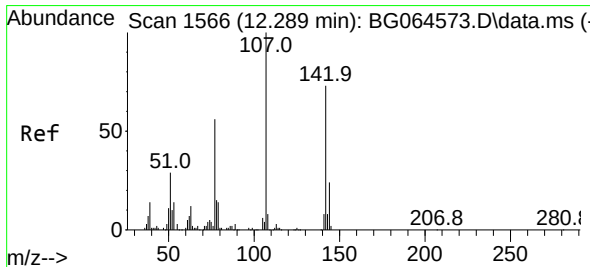
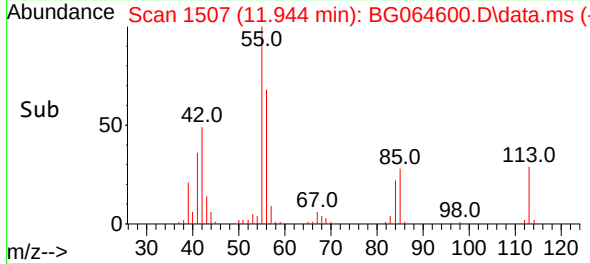
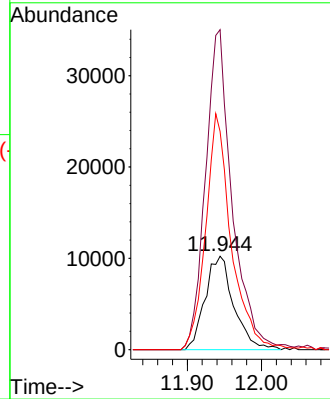
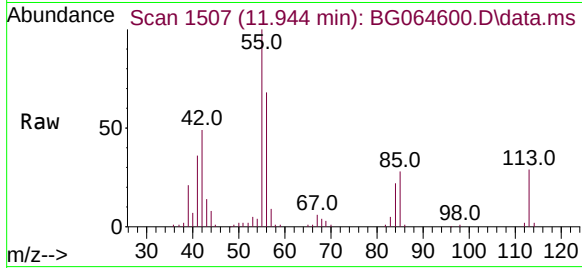




#35
 Caprolactam
 Concen: 39.664 ng
 RT: 11.944 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG064600.D
 Acq: 28 Oct 2025 13:45

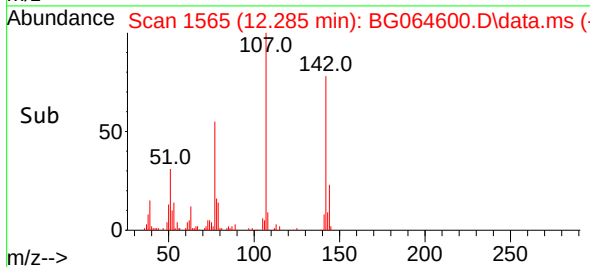
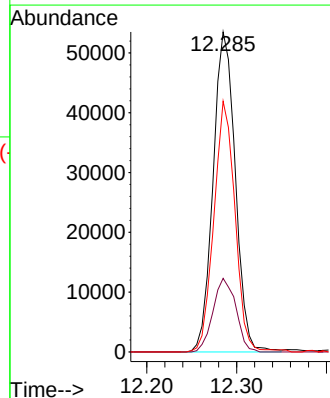
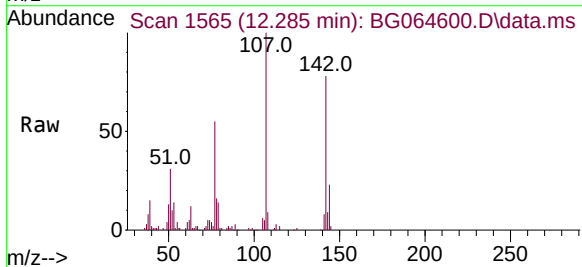
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

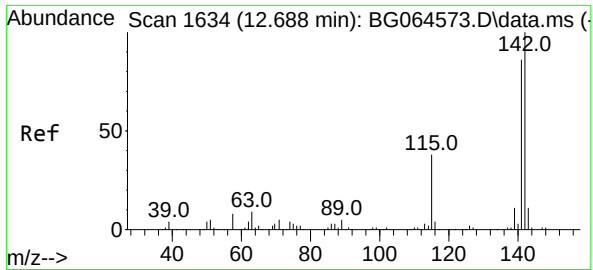
Tgt Ion	Ratio	Lower	Upper
113	100		
55	342.8	290.1	330.1#
56	233.7	183.8	223.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.414 ng
 RT: 12.285 min Scan# 1565
 Delta R.T. -0.004 min
 Lab File: BG064600.D
 Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.1	28.7
142	78.3	58.6	87.8

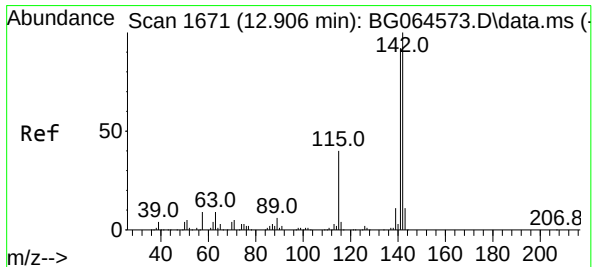
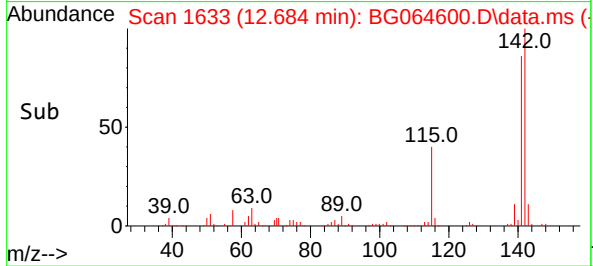
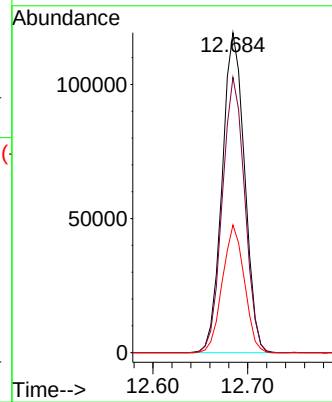
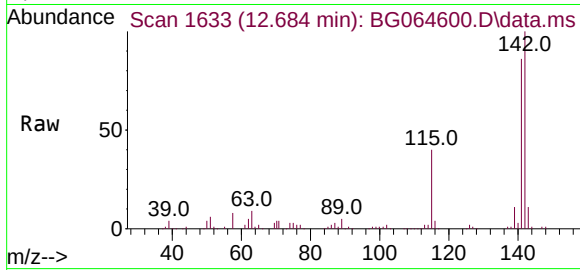




#37
2-Methylnaphthalene
Concen: 42.698 ng
RT: 12.684 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

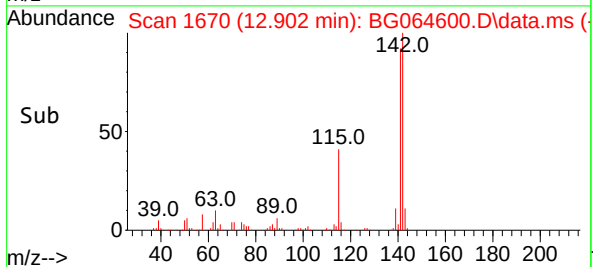
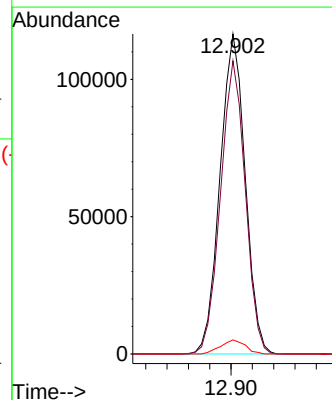
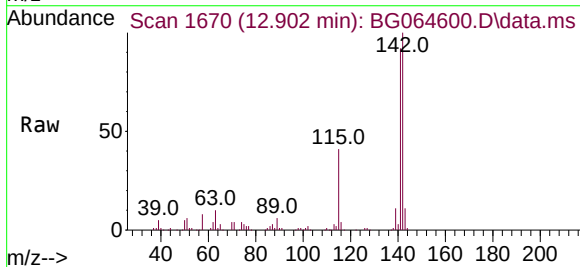
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

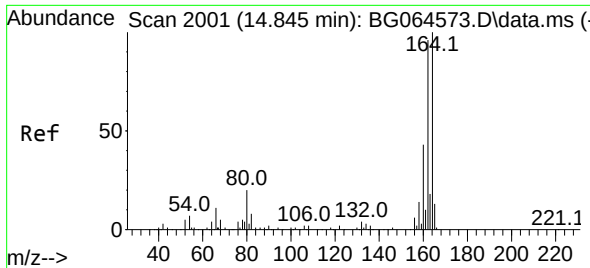
Tgt Ion:142 Resp: 195870
Ion Ratio Lower Upper
142 100
141 86.0 68.9 103.3
115 39.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.038 ng
RT: 12.902 min Scan# 1670
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:142 Resp: 190905
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 4.4 3.1 4.7

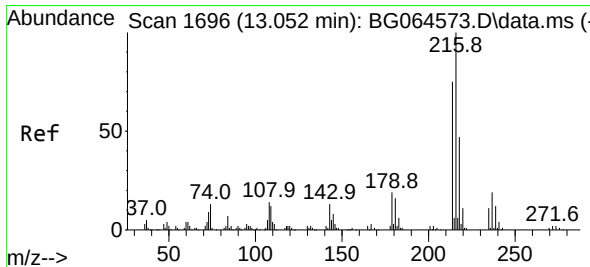
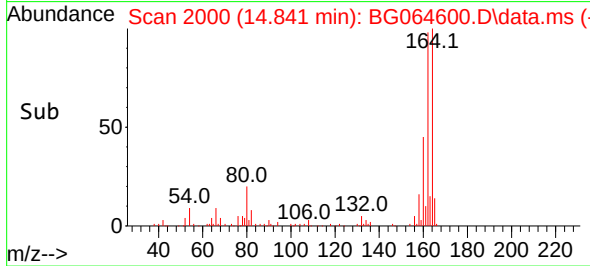
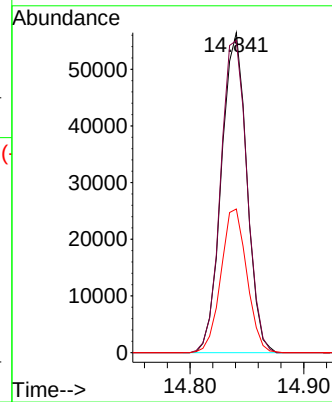
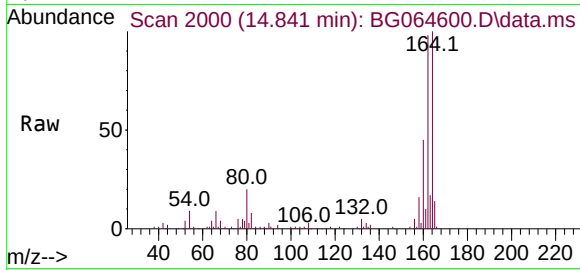




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

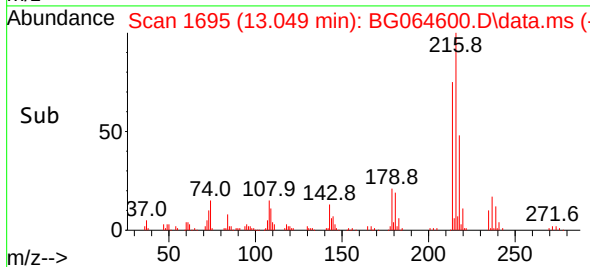
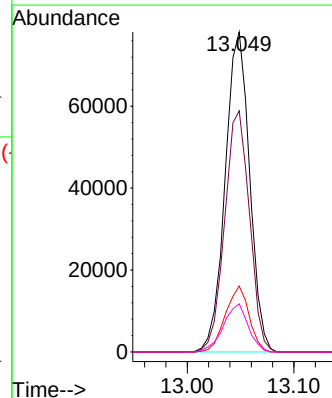
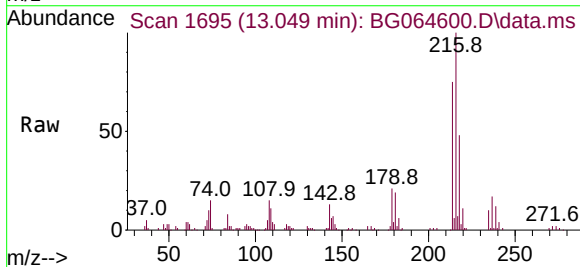
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

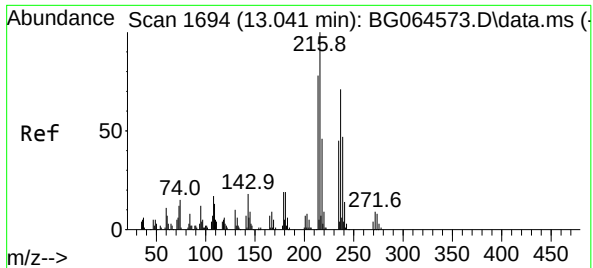
Tgt Ion:164 Resp: 87446
Ion Ratio Lower Upper
164 100
162 97.5 77.0 115.6
160 44.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.409 ng
RT: 13.049 min Scan# 1695
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:216 Resp: 124461
Ion Ratio Lower Upper
216 100
214 76.3 61.4 92.2
179 19.9 15.4 23.0
108 15.2 11.8 17.6

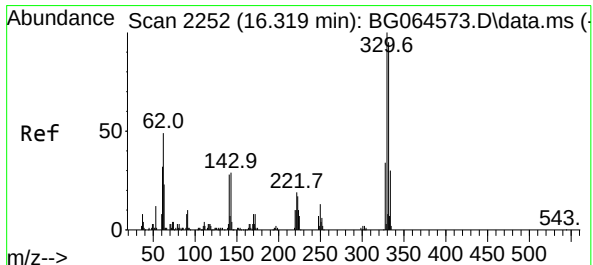
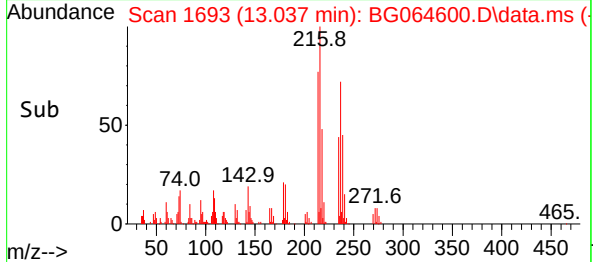
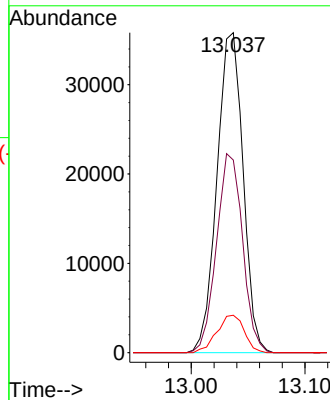
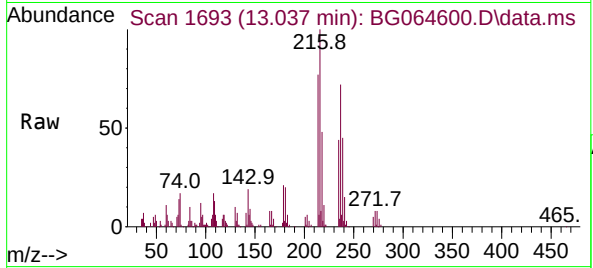




#41
Hexachlorocyclopentadiene
Concen: 43.286 ng
RT: 13.037 min Scan# 1693
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

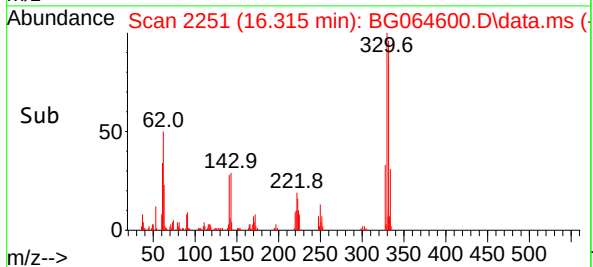
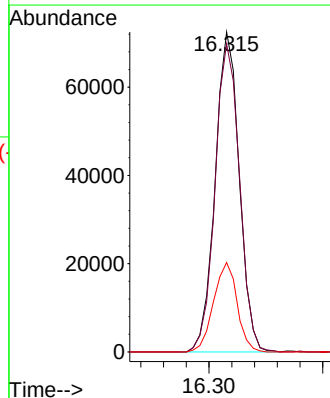
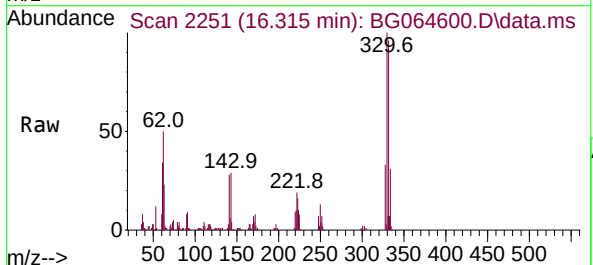
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

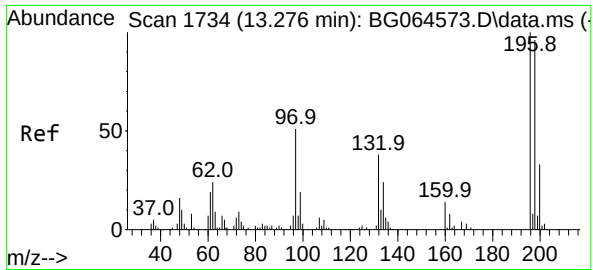
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.1	84.1
272	11.7	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 84.394 ng
RT: 16.315 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	27.3	21.8	32.6

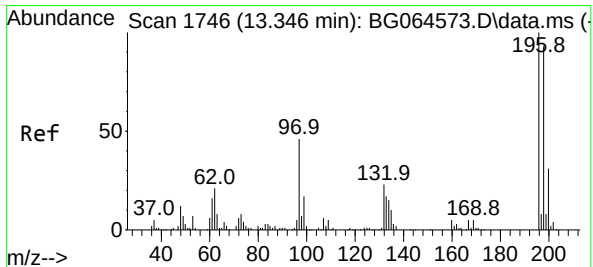
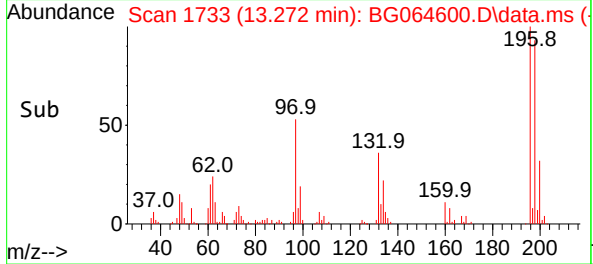
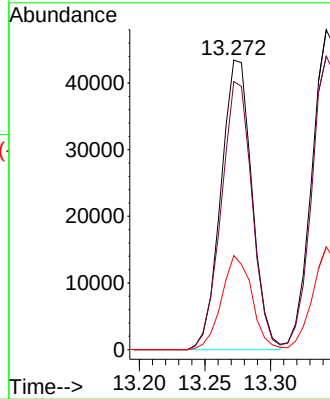
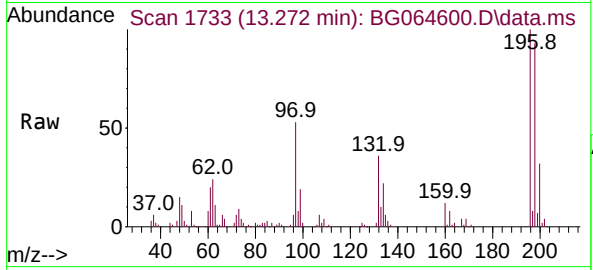




#43
2,4,6-Trichlorophenol
Concen: 42.468 ng
RT: 13.272 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

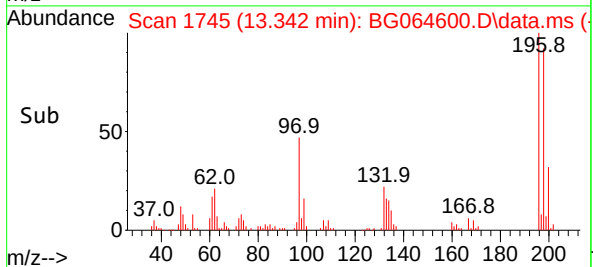
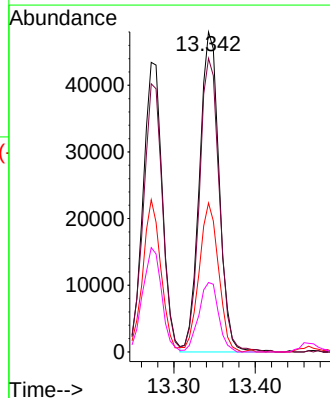
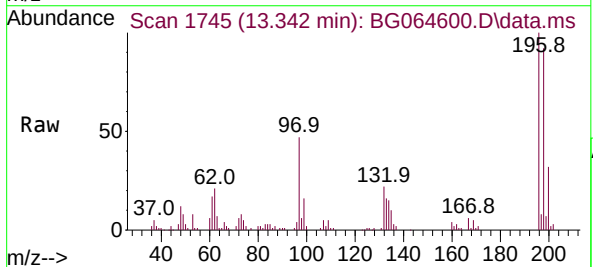
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

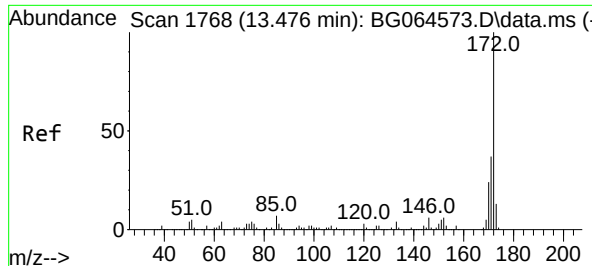
Tgt Ion:196 Resp: 71291
Ion Ratio Lower Upper
196 100
198 92.6 76.6 115.0
200 32.5 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 41.754 ng
RT: 13.342 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:196 Resp: 80887
Ion Ratio Lower Upper
196 100
198 91.7 74.2 111.4
97 46.5 37.0 55.6
132 21.7 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 83.896 ng

RT: 13.472 min Scan# 1768

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

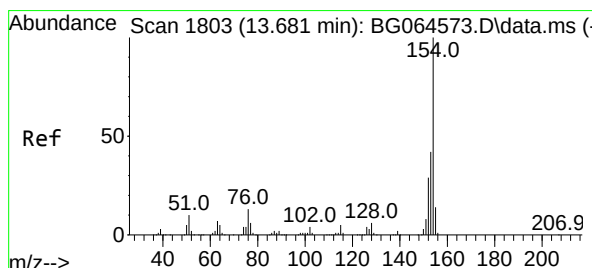
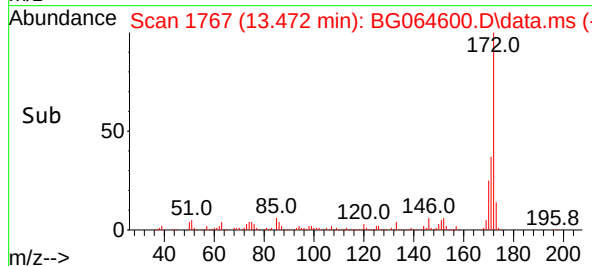
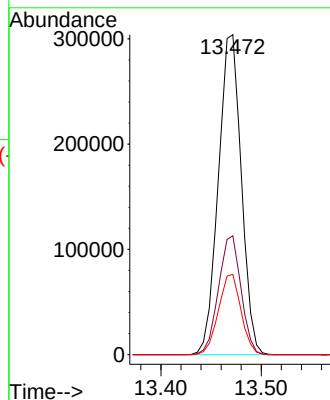
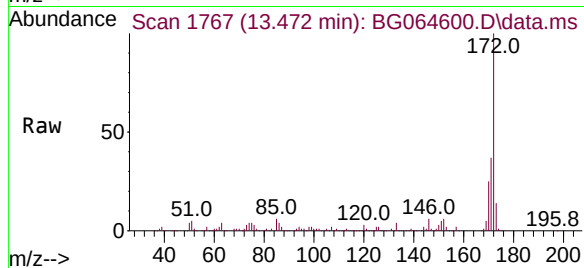
Tgt Ion:172 Resp: 484009

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

170 25.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 42.521 ng

RT: 13.677 min Scan# 1802

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

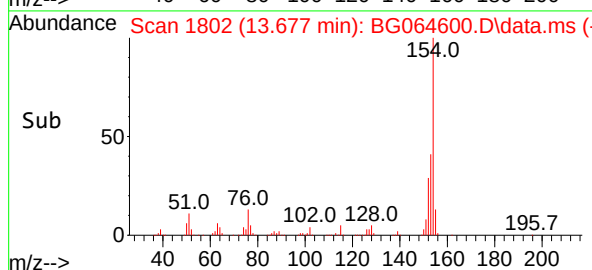
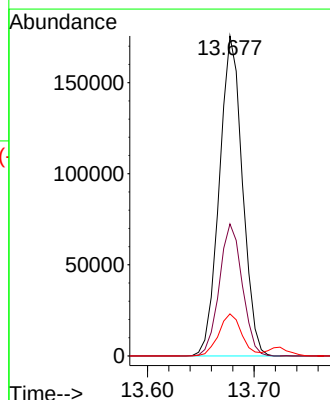
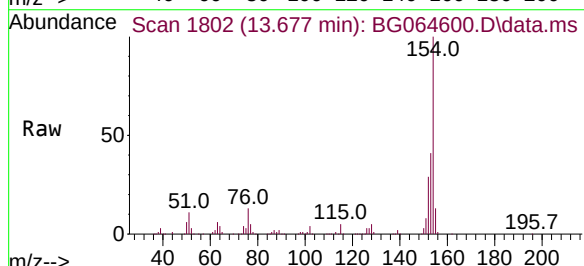
Tgt Ion:154 Resp: 264348

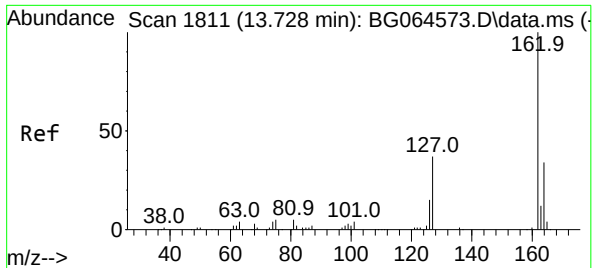
Ion Ratio Lower Upper

154 100

153 41.2 22.4 62.4

76 13.1 0.0 33.5

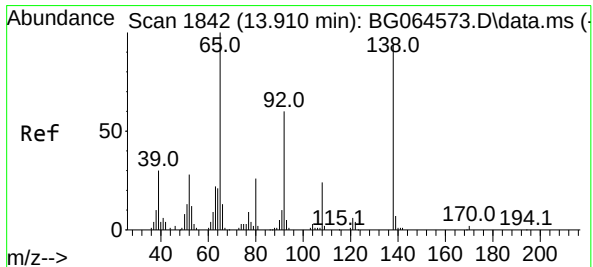
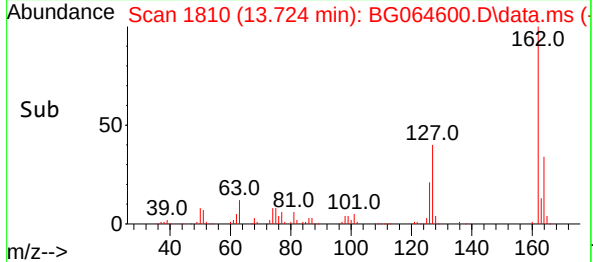
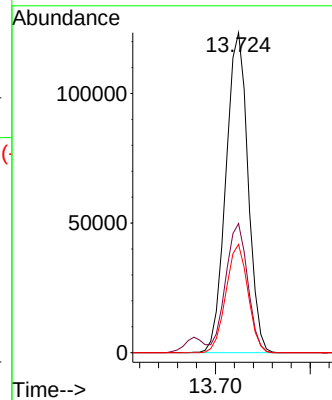
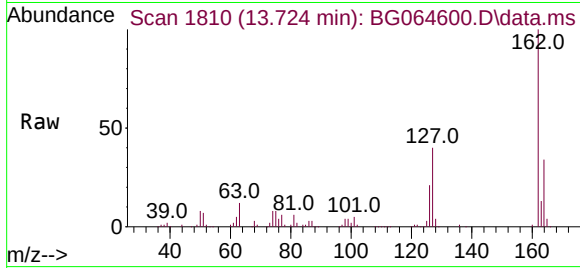




#47
2-Chloronaphthalene
Concen: 42.561 ng
RT: 13.724 min Scan# 1811
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

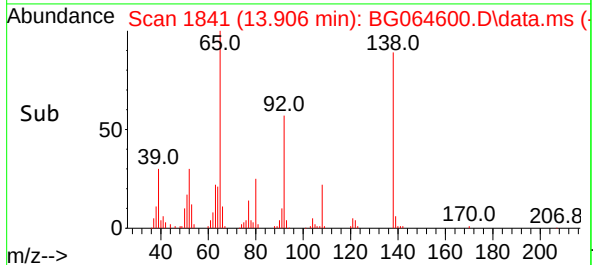
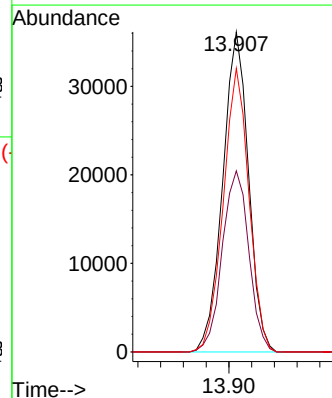
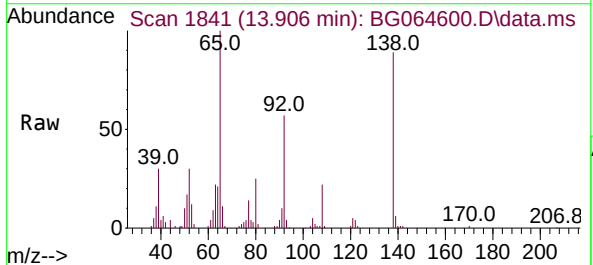
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

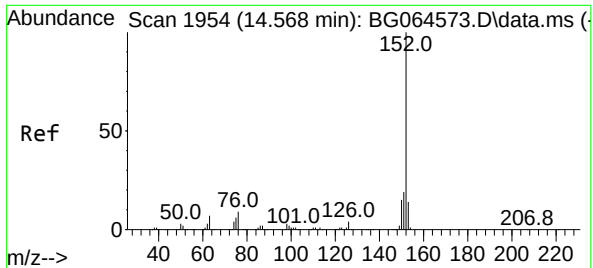
Tgt Ion:	162	Resp:	199722
Ion Ratio	Lower	Upper	
162	100		
127	40.3	32.2	48.2
164	33.8	27.5	41.3



#48
2-Nitroaniline
Concen: 36.830 ng
RT: 13.906 min Scan# 1841
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	65	Resp:	56752
Ion Ratio	Lower	Upper	
65	100		
92	56.6	48.3	72.5
138	88.6	74.9	112.3





#49

Acenaphthylene

Concen: 42.492 ng

RT: 14.565 min Scan# 1954

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

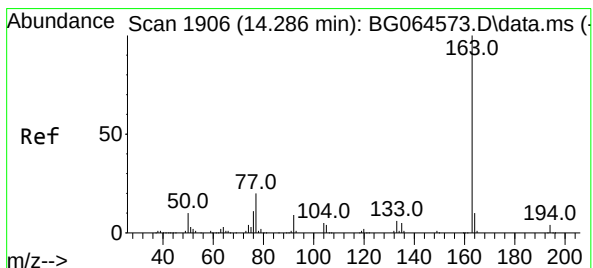
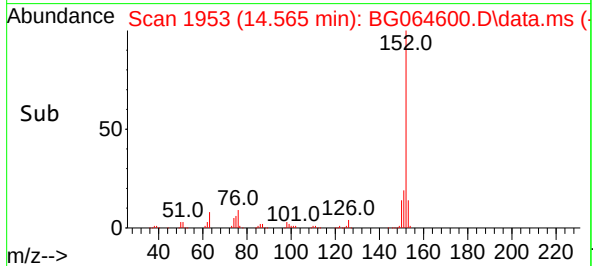
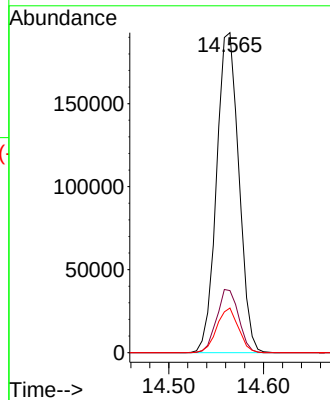
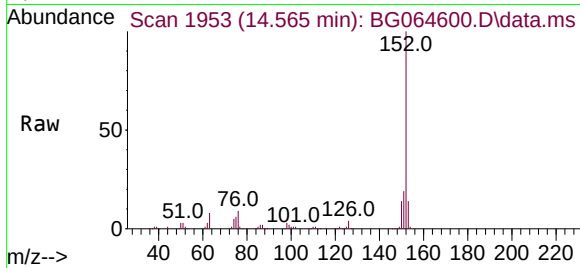
Tgt Ion:152 Resp: 314519

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.2

153 13.9 11.0 16.4



#50

Dimethylphthalate

Concen: 41.234 ng

RT: 14.283 min Scan# 1905

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

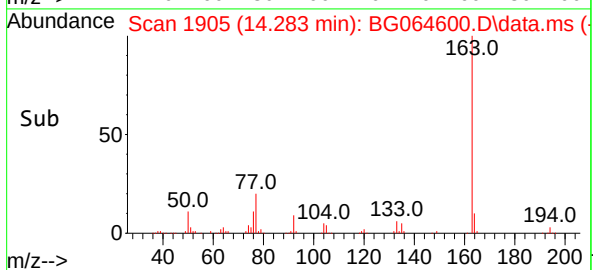
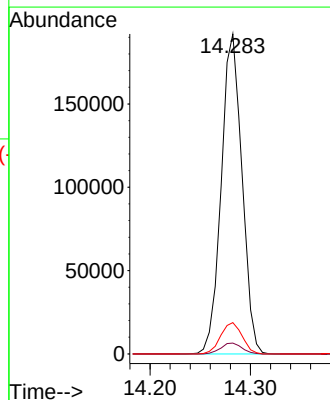
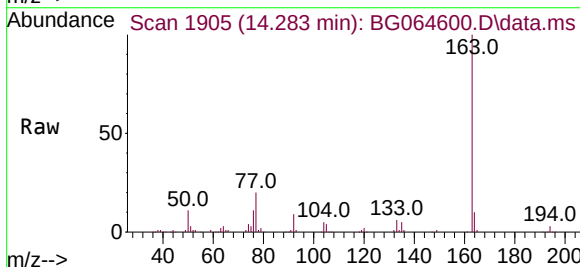
Tgt Ion:163 Resp: 275910

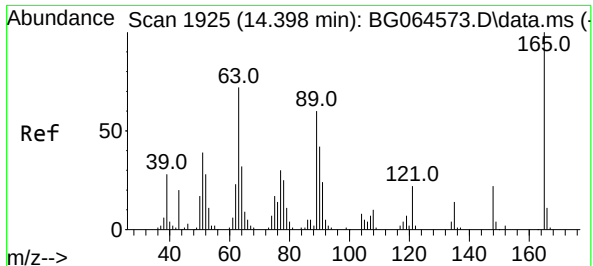
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

164 9.8 7.7 11.5

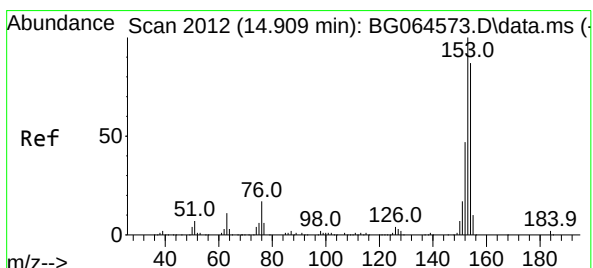
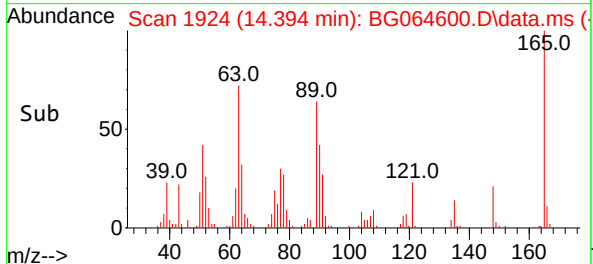
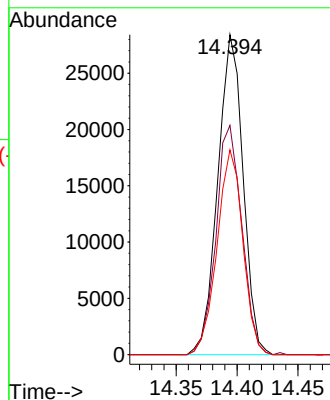
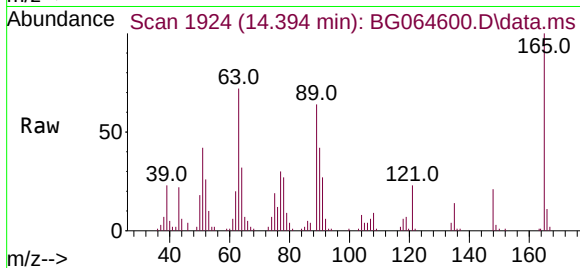




#51
2,6-Dinitrotoluene
Concen: 37.929 ng
RT: 14.394 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

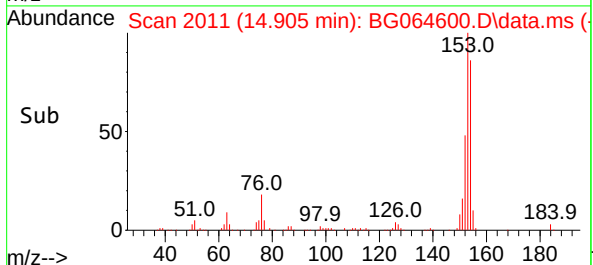
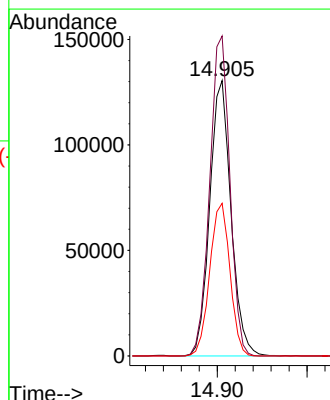
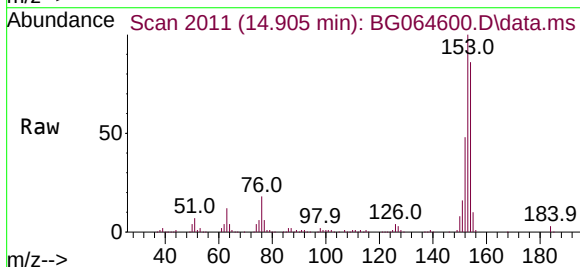
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

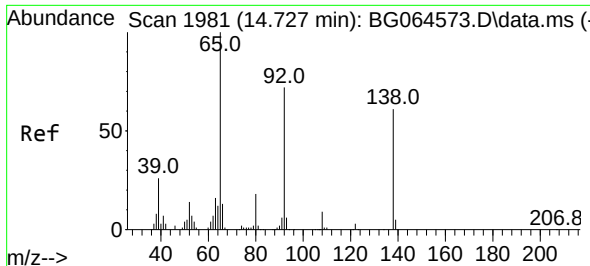
Tgt Ion:	165	Resp:	41085
Ion Ratio	Lower	Upper	
165	100		
63	71.6	57.4	86.0
89	64.0	47.8	71.8



#52
Acenaphthene
Concen: 42.558 ng
RT: 14.905 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	154	Resp:	215218
Ion Ratio	Lower	Upper	
154	100		
153	116.3	92.2	138.4
152	55.5	43.2	64.8

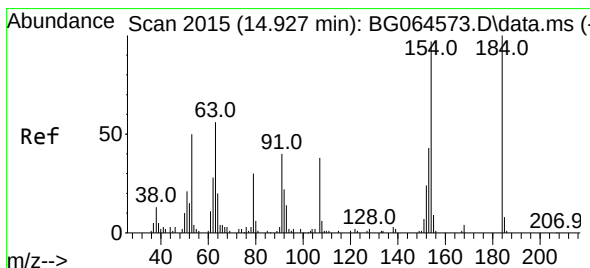
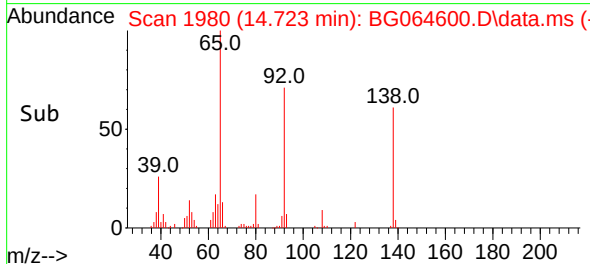
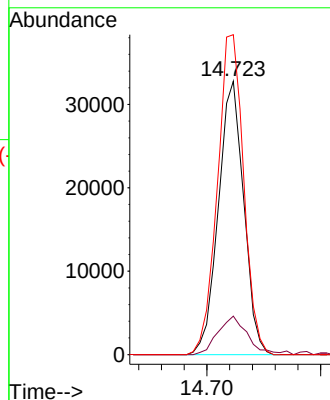
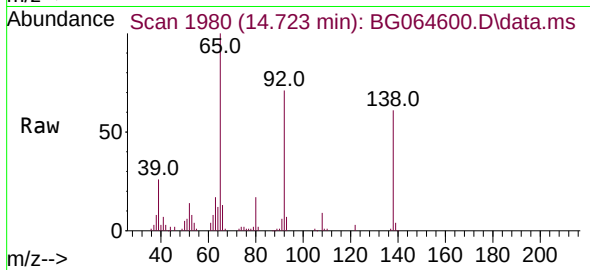




#53
3-Nitroaniline
Concen: 44.086 ng
RT: 14.723 min Scan# 1981
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

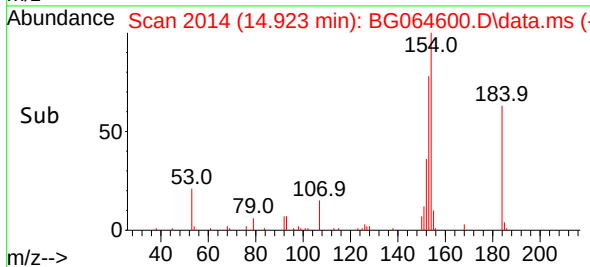
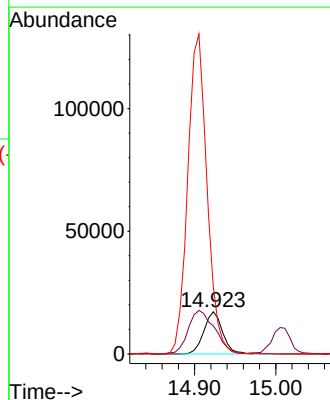
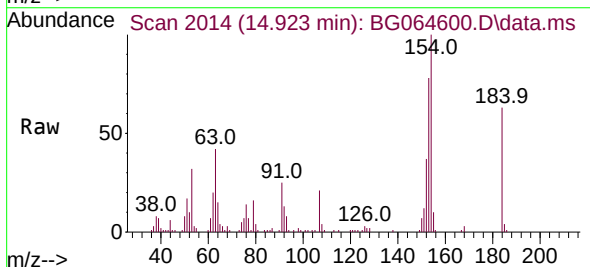
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

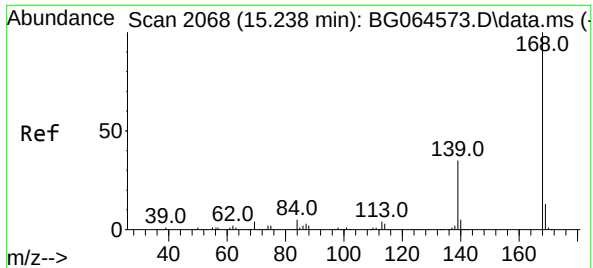
Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.1	11.4	17.0
92	117.1	95.3	142.9



#54
2,4-Dinitrophenol
Concen: 43.496 ng
RT: 14.923 min Scan# 2014
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.5	56.6	85.0
154	158.6	158.6	238.0

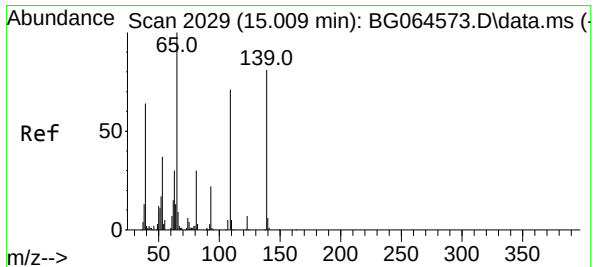
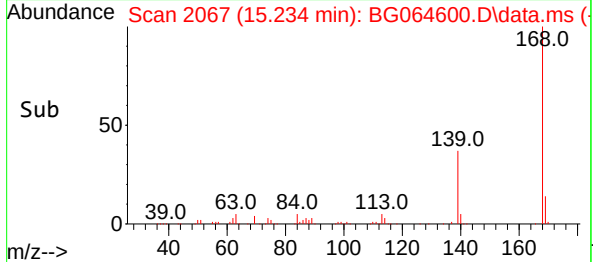
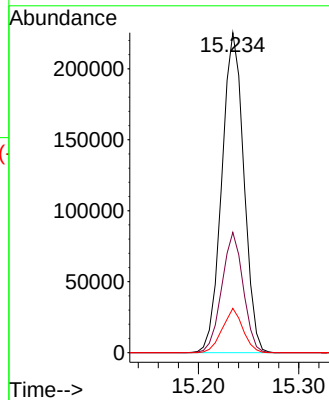
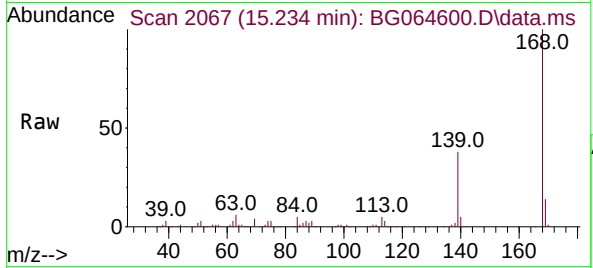




#55
Dibenzenofuran
Concen: 42.088 ng
RT: 15.234 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

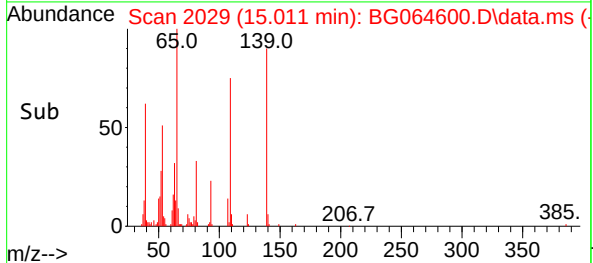
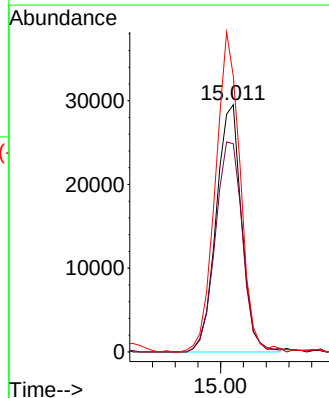
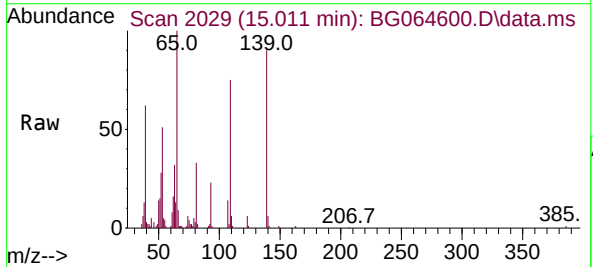
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

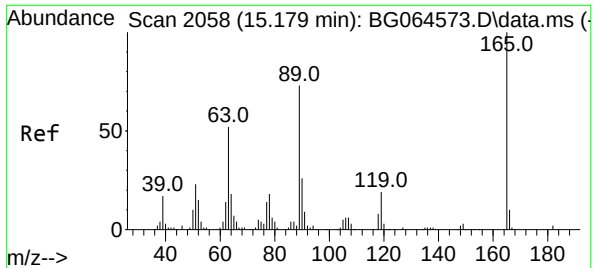
Tgt Ion:168 Resp: 344095
Ion Ratio Lower Upper
168 100
139 37.6 27.8 41.8
169 13.8 10.3 15.5



#56
4-Nitrophenol
Concen: 42.870 ng
RT: 15.011 min Scan# 2029
Delta R.T. 0.002 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

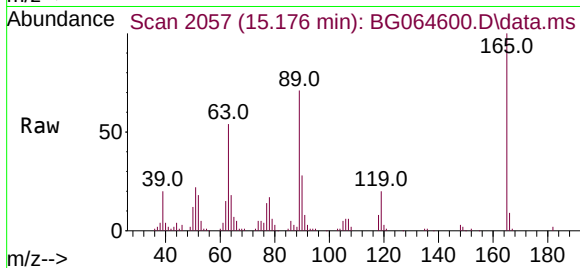
Tgt Ion:139 Resp: 45706
Ion Ratio Lower Upper
139 100
109 84.2 67.8 107.8
65 111.5 103.7 143.7



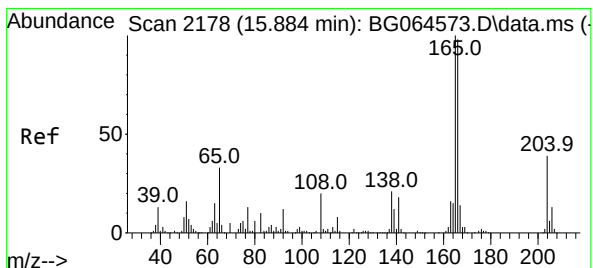
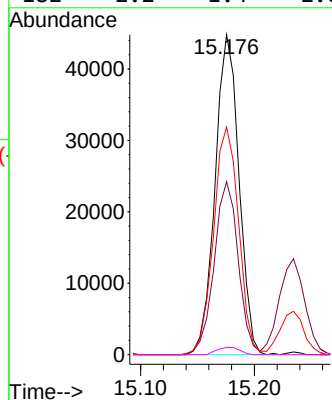
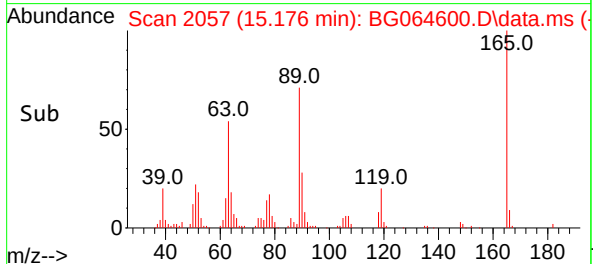


#57
2,4-Dinitrotoluene
Concen: 38.904 ng
RT: 15.176 min Scan# 2057
Delta R.T. -0.003 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

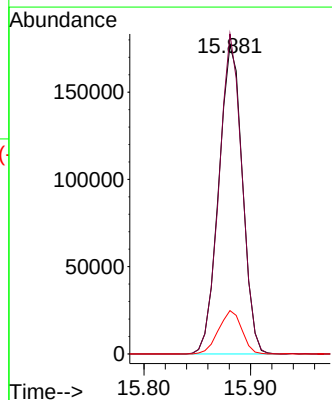
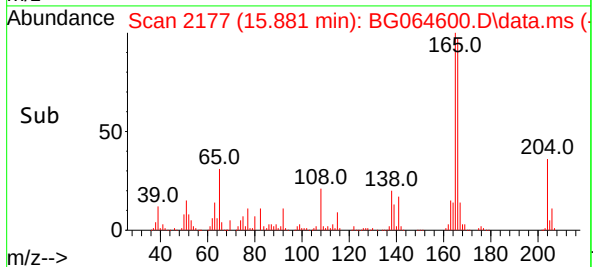
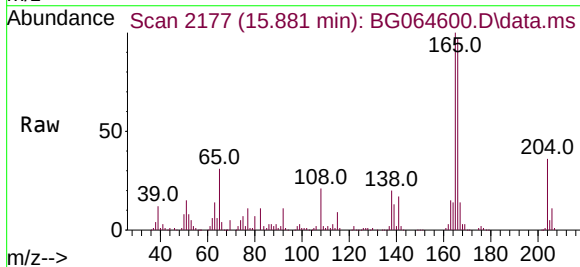


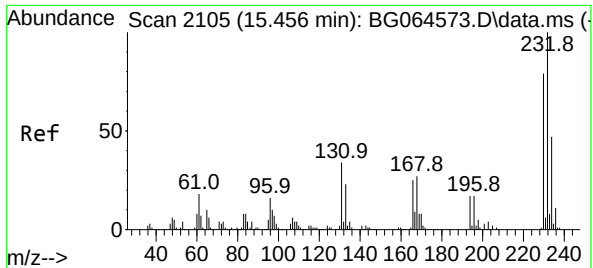
Tgt Ion:165 Resp: 65358
Ion Ratio Lower Upper
165 100
63 54.0 41.8 62.8
89 71.1 58.1 87.1
182 2.2 1.4 2.0#



#58
Fluorene
Concen: 42.889 ng
RT: 15.881 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:166 Resp: 273843
Ion Ratio Lower Upper
166 100
165 103.6 81.5 122.3
167 14.0 11.4 17.0

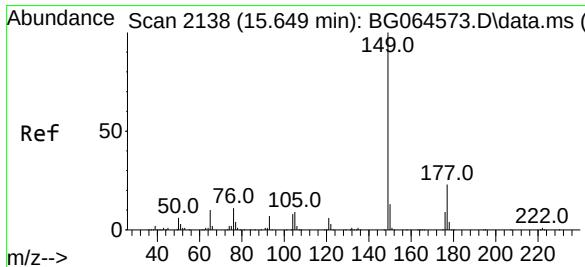
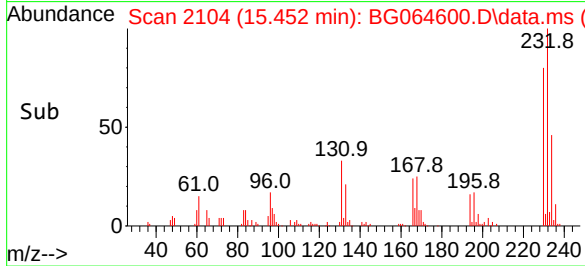
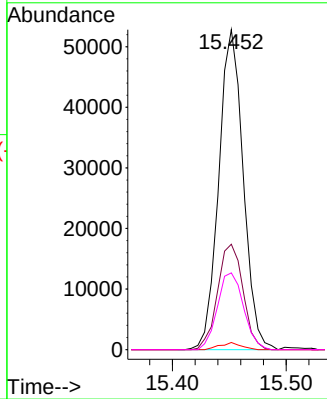
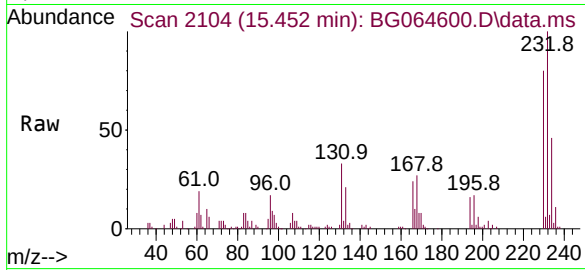




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.494 ng
RT: 15.452 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

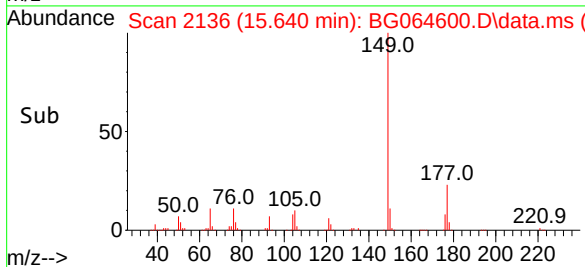
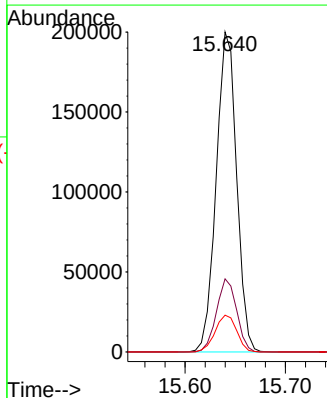
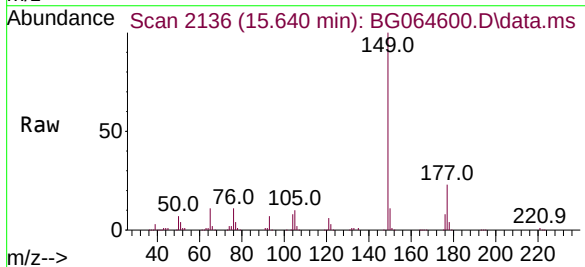
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

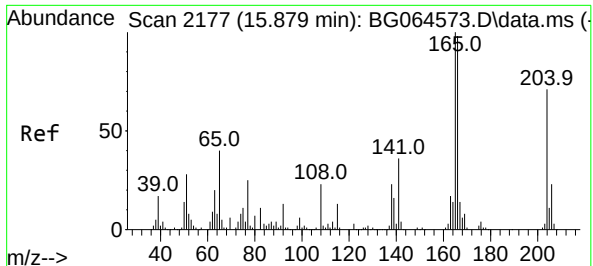
Tgt Ion:232 Resp: 78718
Ion Ratio Lower Upper
232 100
131 34.2 26.7 40.1
130 1.9 1.6 2.4
166 25.7 20.5 30.7



#60
Diethylphthalate
Concen: 41.444 ng
RT: 15.640 min Scan# 2136
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

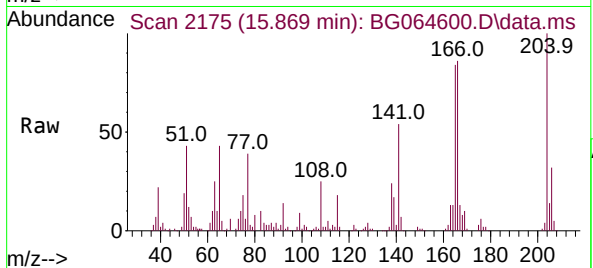
Tgt Ion:149 Resp: 283156
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 11.5 10.2 15.4



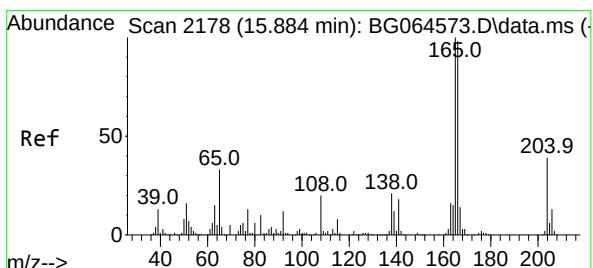
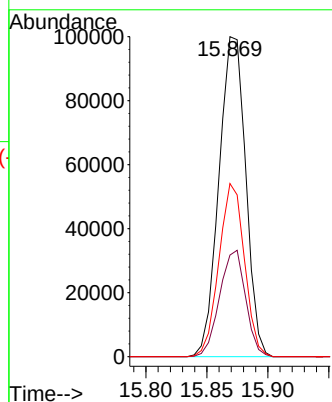
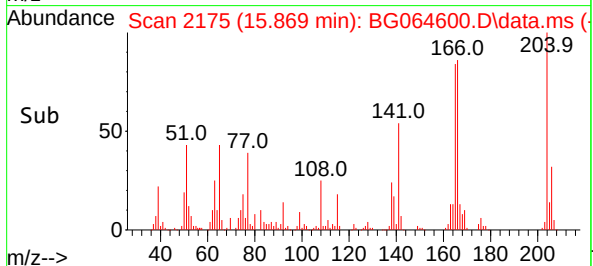


#61
4-Chlorophenyl-phenylether
Concen: 42.673 ng
RT: 15.869 min Scan# 2175
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

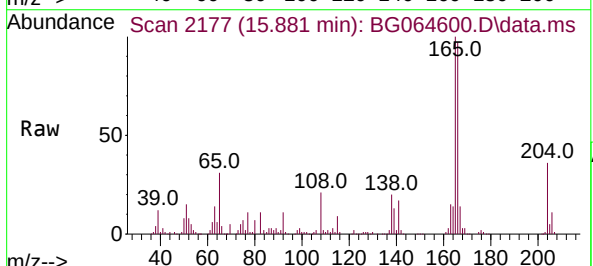
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



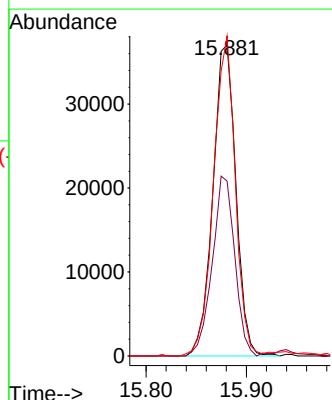
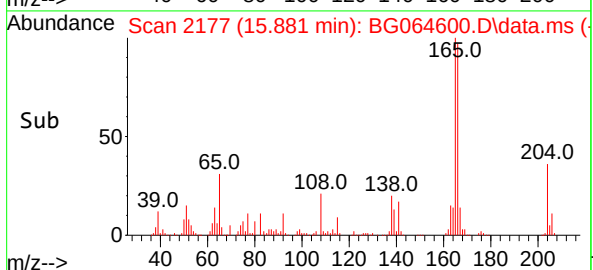
Tgt Ion:204 Resp: 152906
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 54.1 40.6 60.8

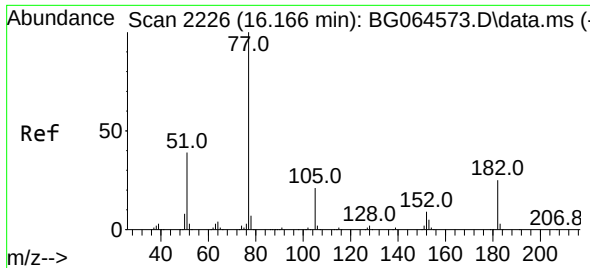


#62
4-Nitroaniline
Concen: 46.150 ng
RT: 15.881 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45



Tgt Ion:138 Resp: 59041
Ion Ratio Lower Upper
138 100
92 56.2 36.1 76.1
108 102.9 75.6 115.6

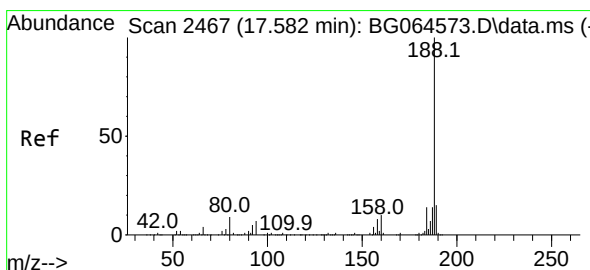
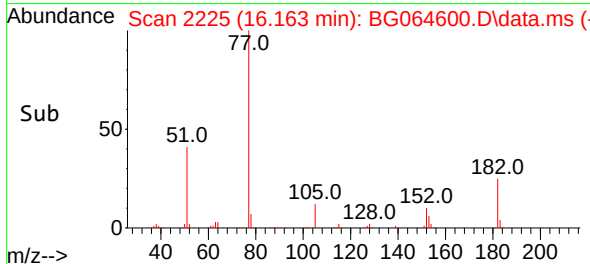
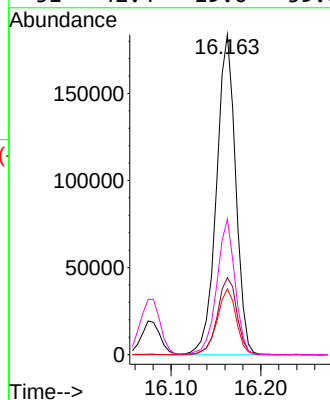
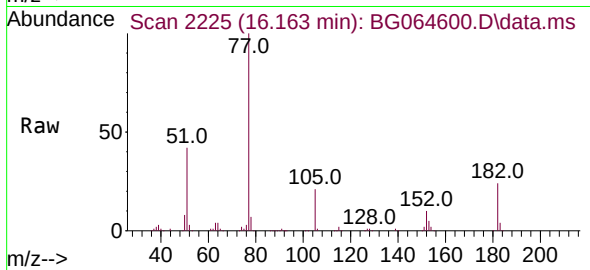




#63
Azobenzene
Concen: 43.410 ng
RT: 16.163 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

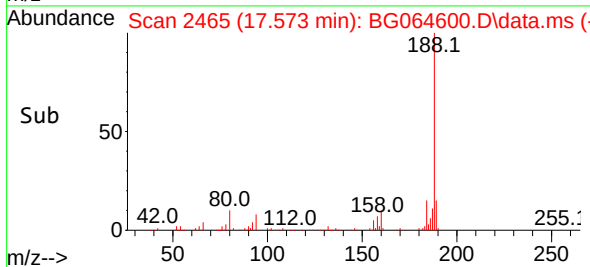
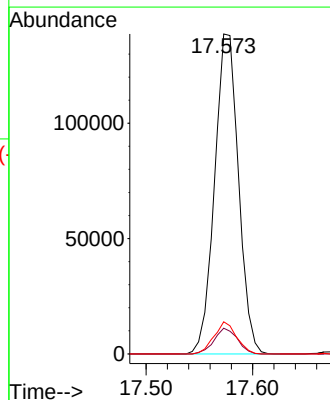
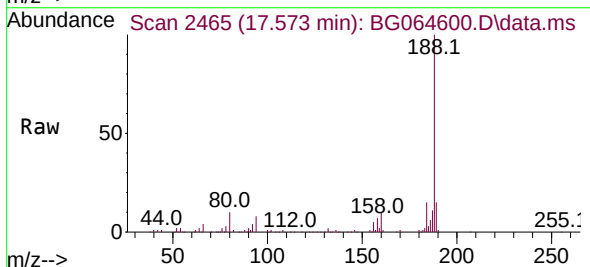
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

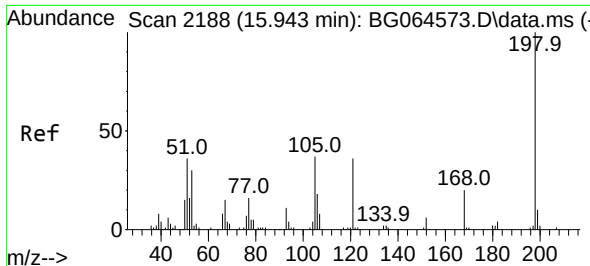
Tgt Ion:	77	Resp:	272127
Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	20.6	1.3	41.3
51	42.4	19.0	59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.573 min Scan# 2465
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	188	Resp:	216707
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.7	8.5
80	10.0	6.8	10.2

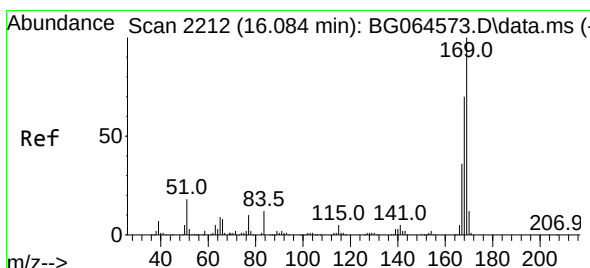
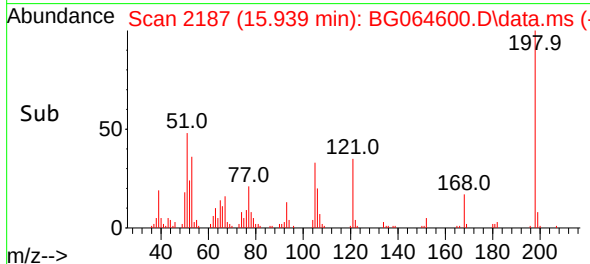
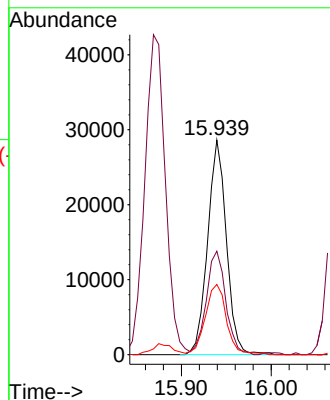
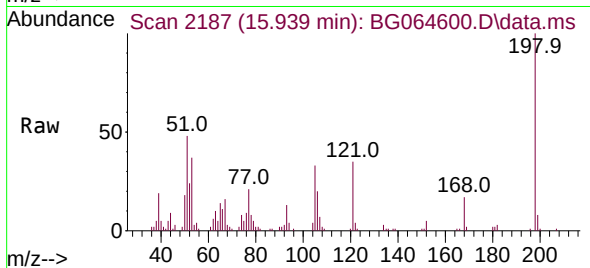




#65
4,6-Dinitro-2-methylphenol
Concen: 44.112 ng
RT: 15.939 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

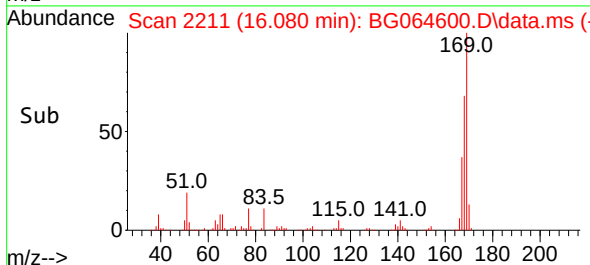
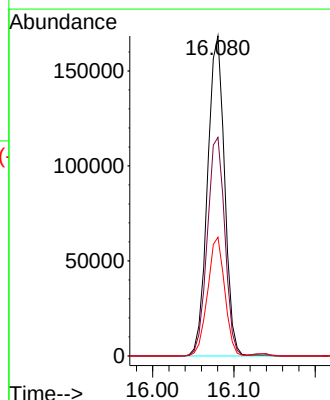
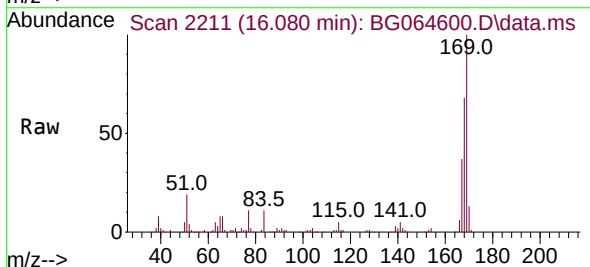
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

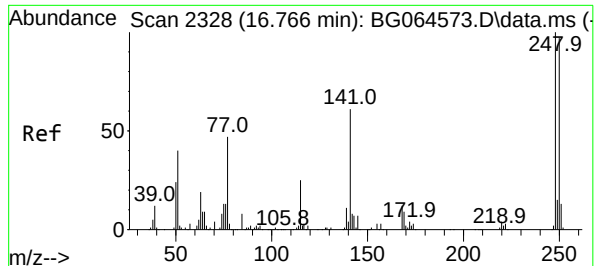
Tgt Ion:198 Resp: 41592
Ion Ratio Lower Upper
198 100
51 48.2 24.7 64.7
105 32.8 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 41.931 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:169 Resp: 245458
Ion Ratio Lower Upper
169 100
168 68.3 56.3 84.5
167 37.1 29.0 43.6

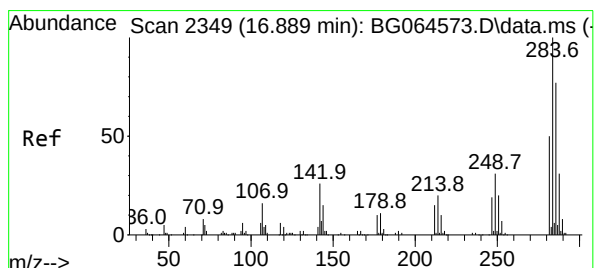
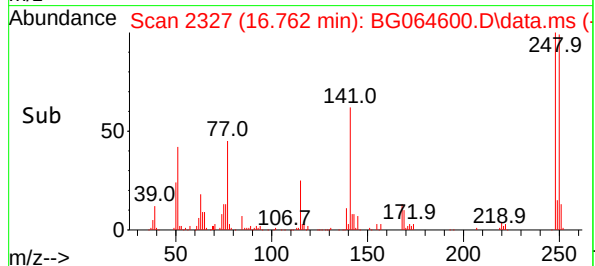
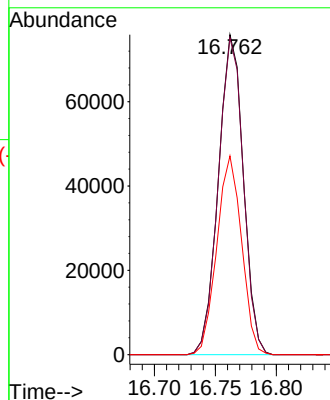
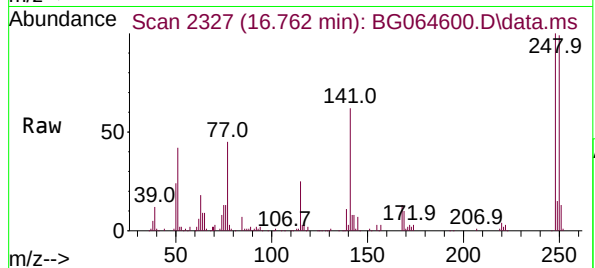




#67
4-Bromophenyl-phenylether
Concen: 42.202 ng
RT: 16.762 min Scan# 2327
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

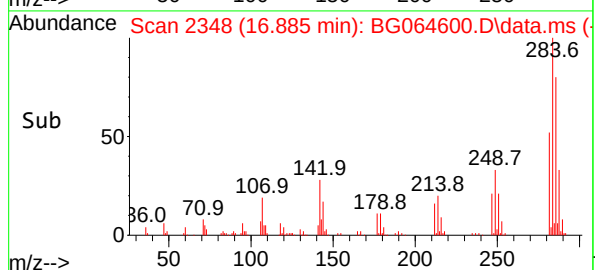
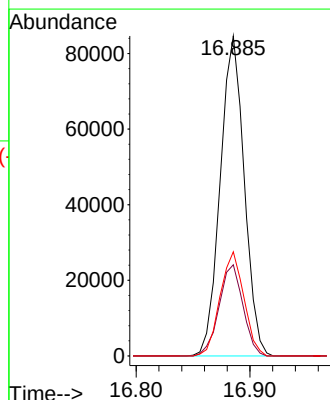
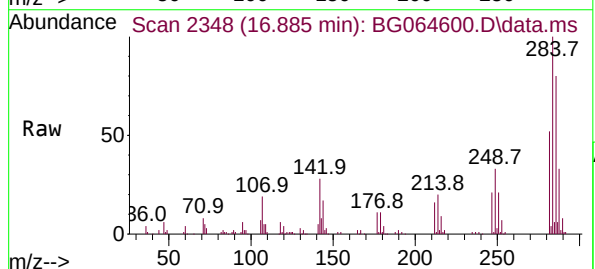
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

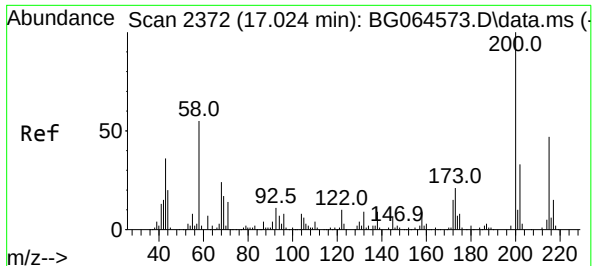
Tgt Ion:248 Resp: 108377
Ion Ratio Lower Upper
248 100
250 99.0 77.7 116.5
141 62.1 48.6 72.8



#68
Hexachlorobenzene
Concen: 42.333 ng
RT: 16.885 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:284 Resp: 124024
Ion Ratio Lower Upper
284 100
142 28.5 21.0 31.6
249 32.5 24.9 37.3





#69

Atrazine

Concen: 39.933 ng

RT: 17.015 min Scan# 2372

Delta R.T. -0.010 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

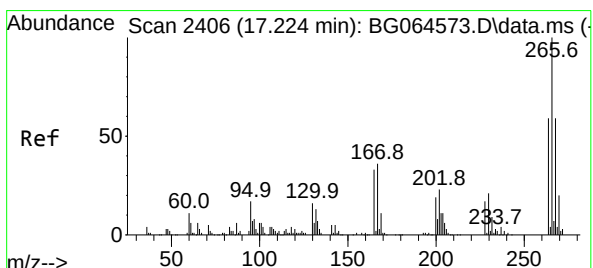
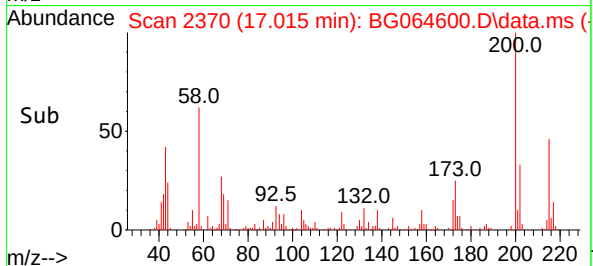
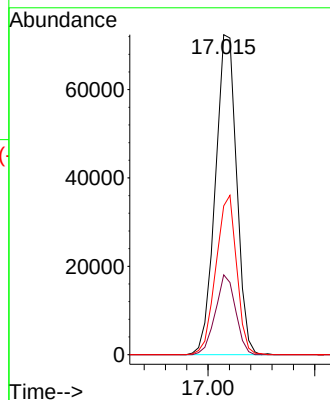
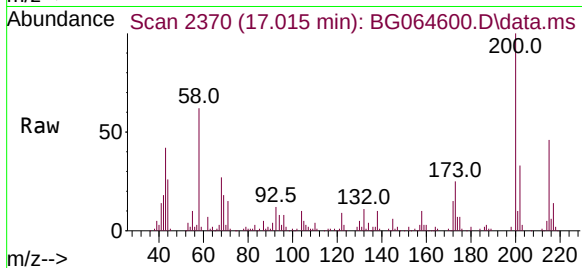
Tgt Ion:200 Resp: 100596

Ion Ratio Lower Upper

200 100

173 24.9 0.9 40.9

215 46.5 27.0 67.0



#70

Pentachlorophenol

Concen: 42.624 ng

RT: 17.220 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG064600.D

Acq: 28 Oct 2025 13:45

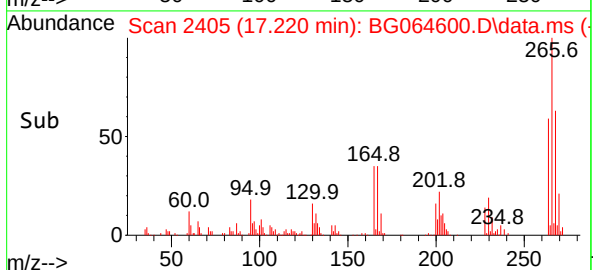
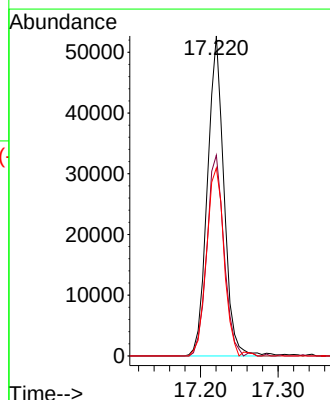
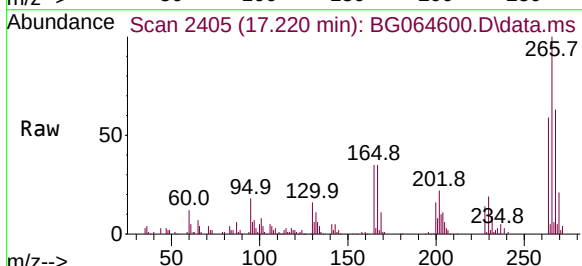
Tgt Ion:266 Resp: 77871

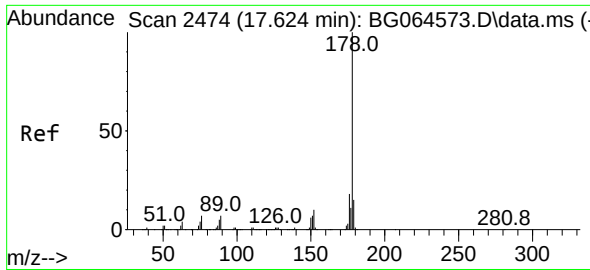
Ion Ratio Lower Upper

266 100

268 67.3 50.3 75.5

264 63.3 47.3 70.9

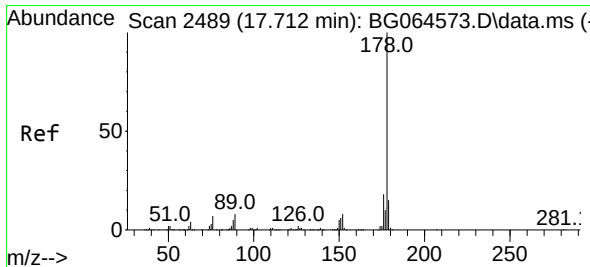
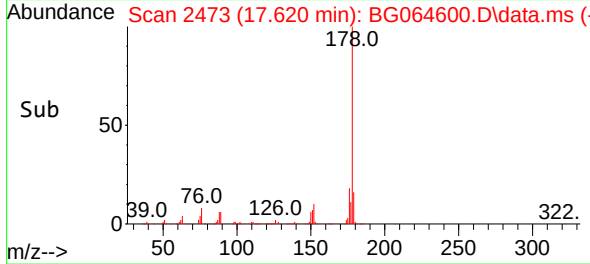
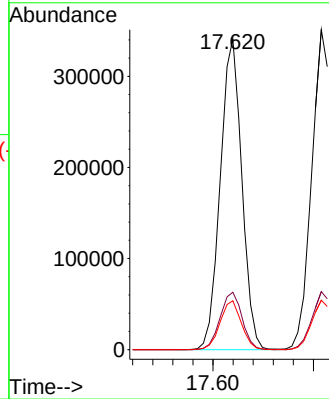
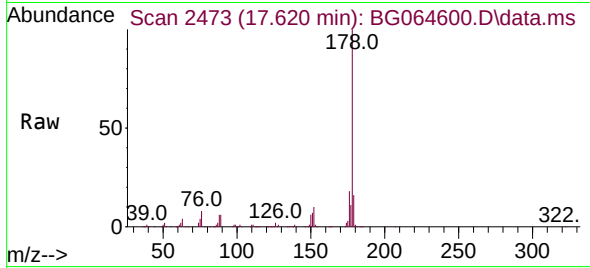




#71
Phenanthrene
Concen: 42.940 ng
RT: 17.620 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

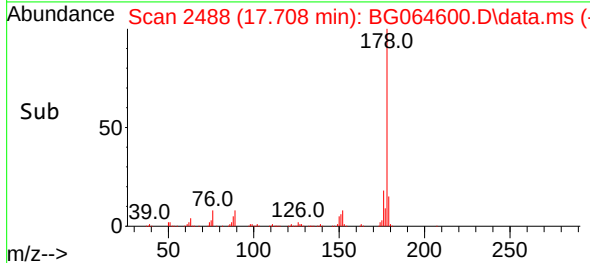
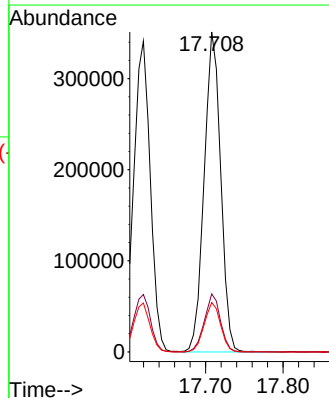
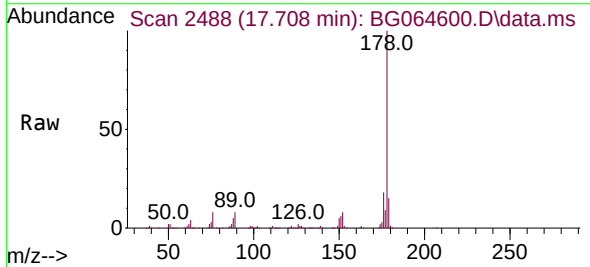
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

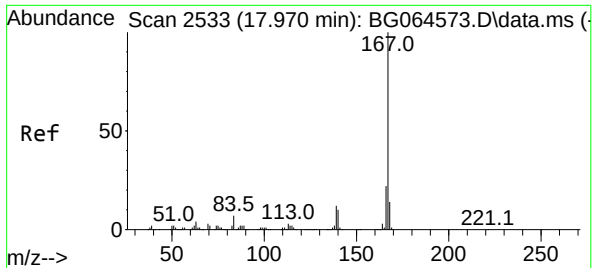
Tgt Ion:178 Resp: 508872
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.7 12.2 18.4



#72
Anthracene
Concen: 43.088 ng
RT: 17.708 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:178 Resp: 519429
Ion Ratio Lower Upper
178 100
176 18.1 14.4 21.6
179 15.4 12.4 18.6

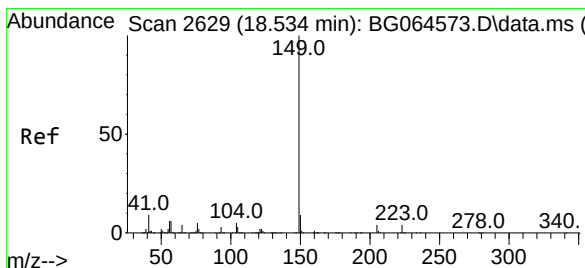
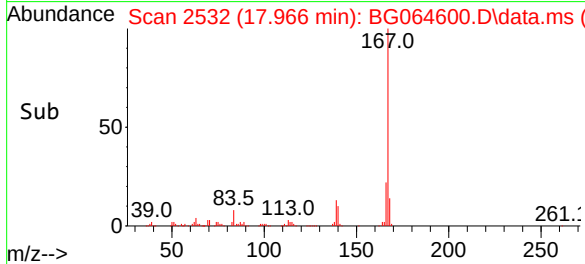
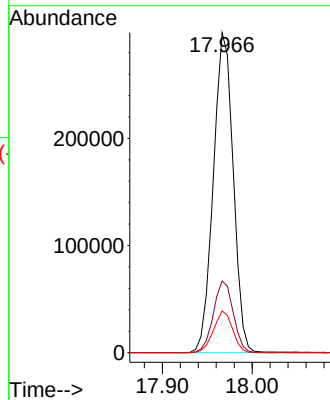
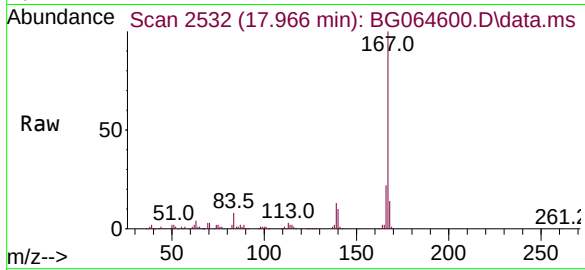




#73
Carbazole
Concen: 43.381 ng
RT: 17.966 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

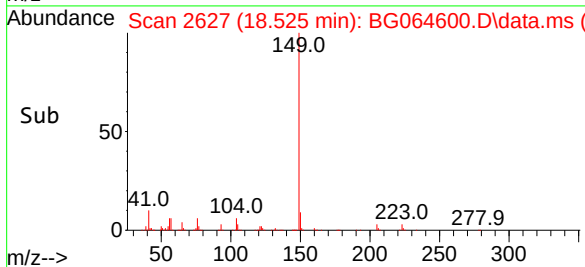
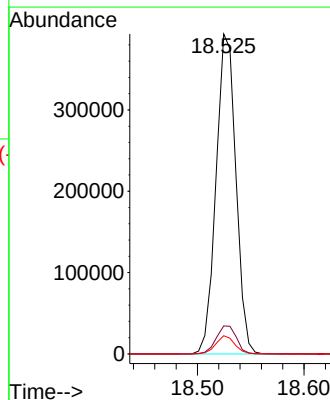
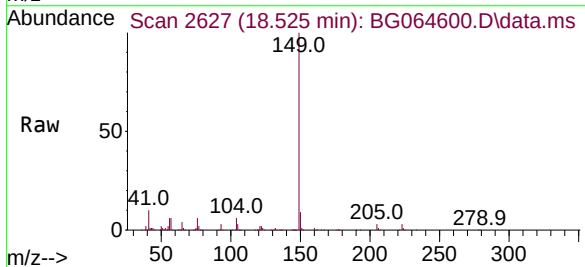
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

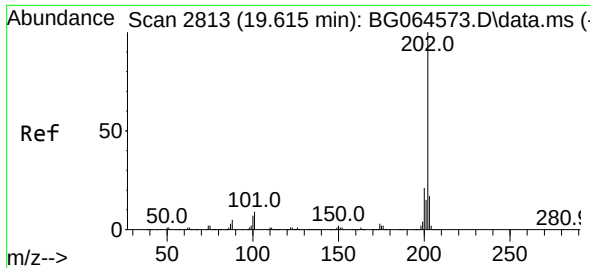
Tgt Ion:167	Resp: 461150
Ion Ratio	Lower Upper
167	100
166	22.4 17.9 26.9
139	13.0 9.7 14.5



#74
Di-n-butylphthalate
Concen: 41.476 ng
RT: 18.525 min Scan# 2627
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:149	Resp: 509848
Ion Ratio	Lower Upper
149	100
150	8.7 7.0 10.6
104	5.7 4.1 6.1

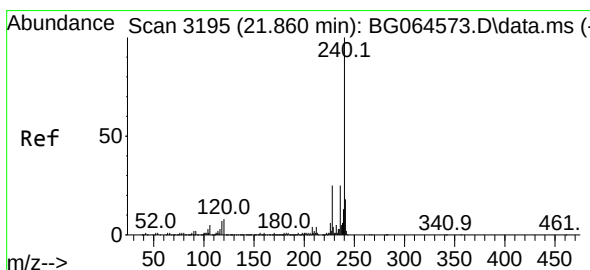
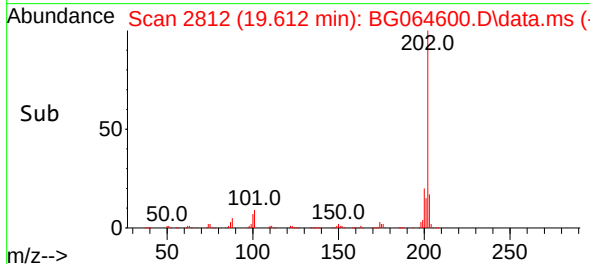
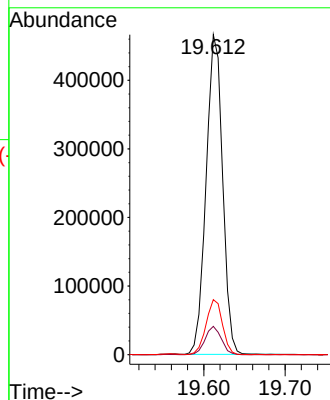
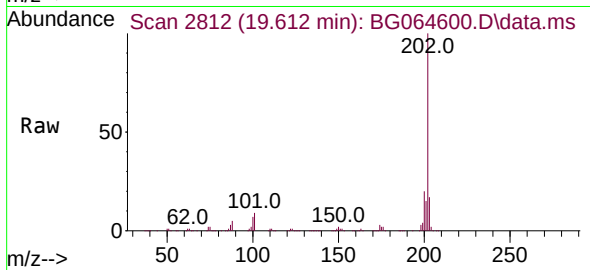




#75
Fluoranthene
Concen: 44.309 ng
RT: 19.612 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

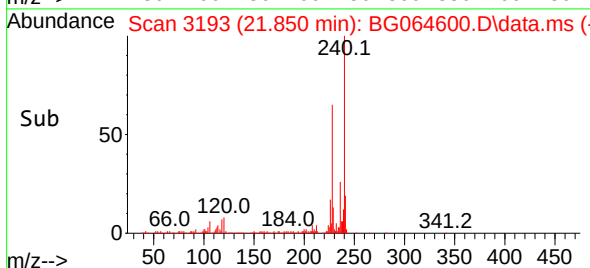
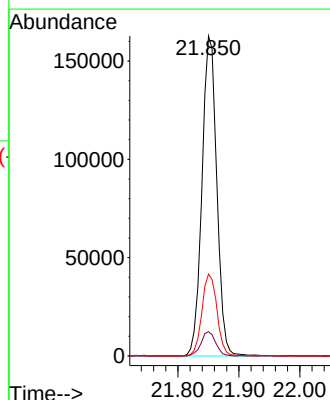
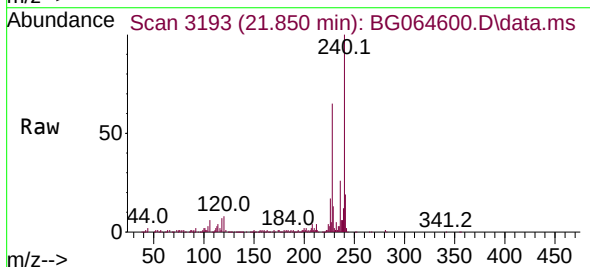
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

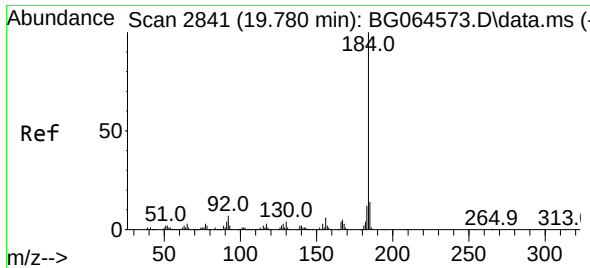
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.7
203	17.2	0.0	37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.850 min Scan# 3193
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	25.6	20.2	30.2

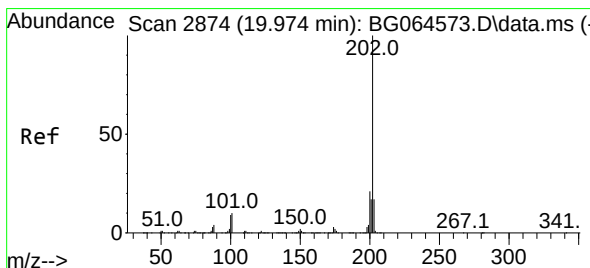
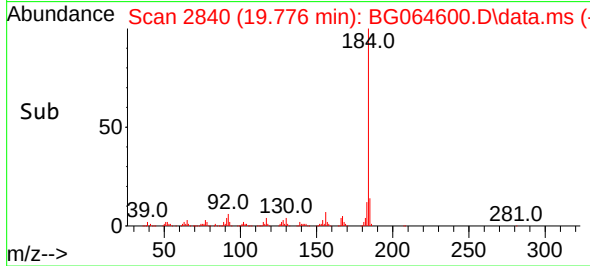
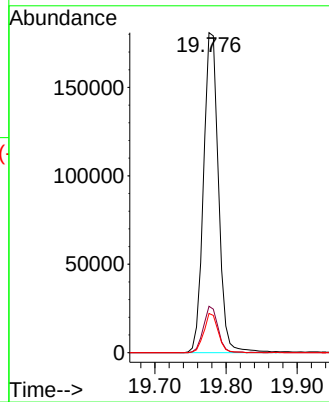
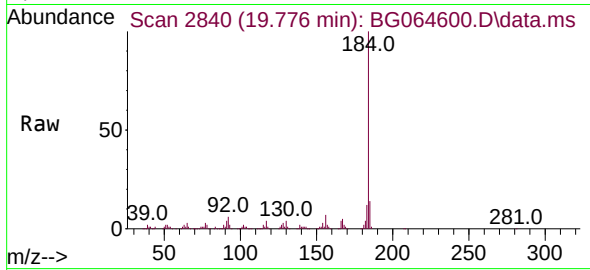




#77
Benzidine
Concen: 42.865 ng
RT: 19.776 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

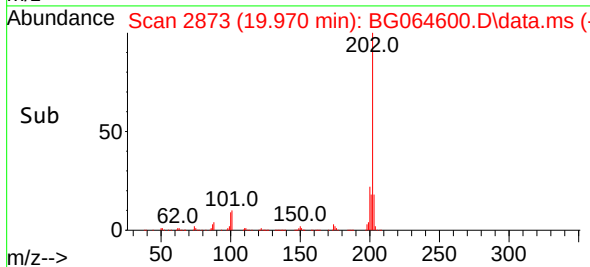
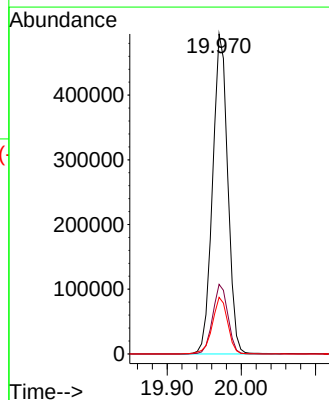
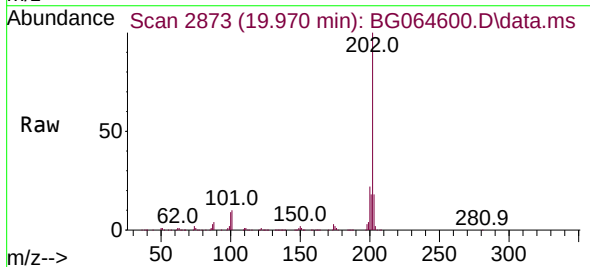
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

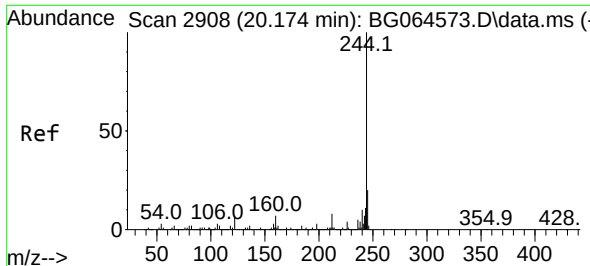
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	12.2	9.4	14.2



#78
Pyrene
Concen: 39.200 ng
RT: 19.970 min Scan# 2873
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.7	13.8	20.6

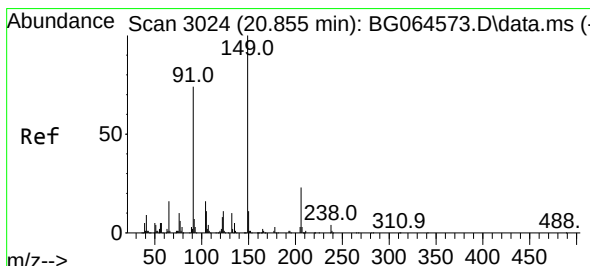
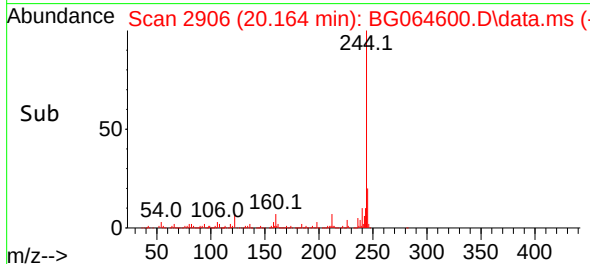
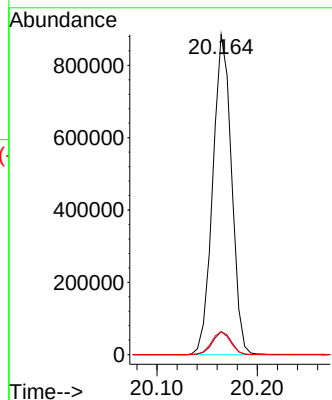
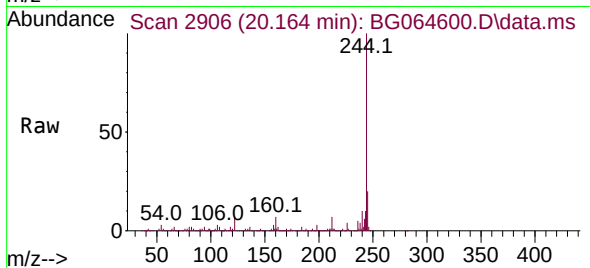




#79
Terphenyl-d14
Concen: 79.314 ng
RT: 20.164 min Scan# 2908
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

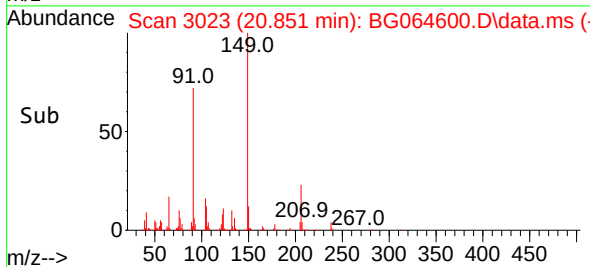
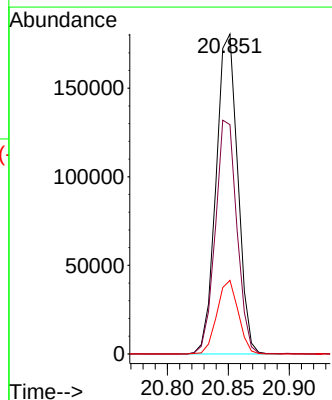
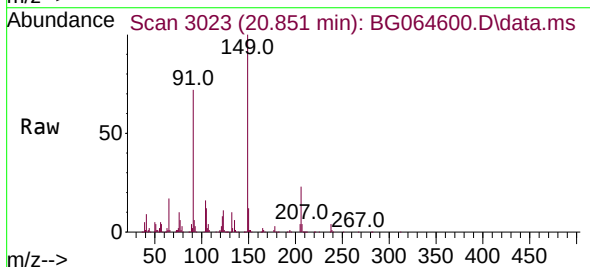
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

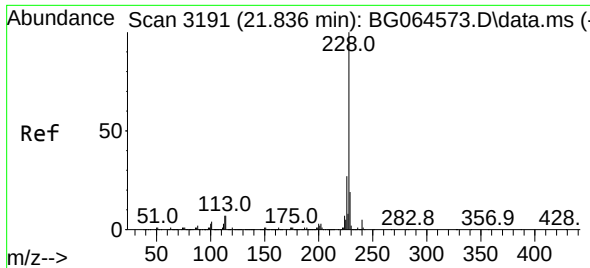
Tgt Ion:244 Resp: 1151331
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 7.2 5.6 8.4



#80
Butylbenzylphthalate
Concen: 41.284 ng
RT: 20.851 min Scan# 3023
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:149 Resp: 223322
Ion Ratio Lower Upper
149 100
91 71.6 59.2 88.8
206 23.0 18.1 27.1

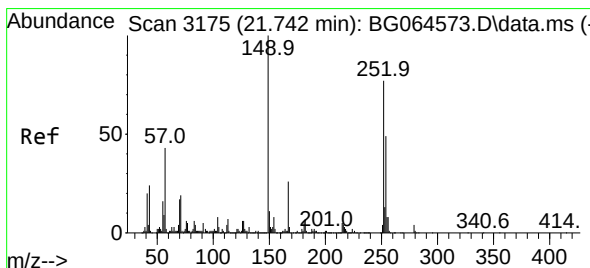
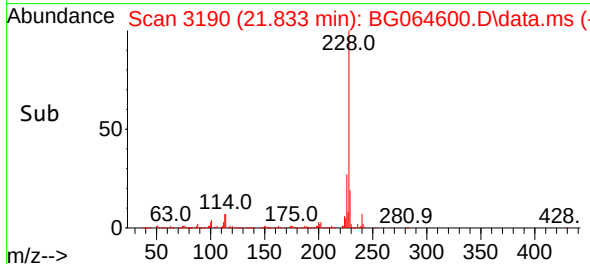
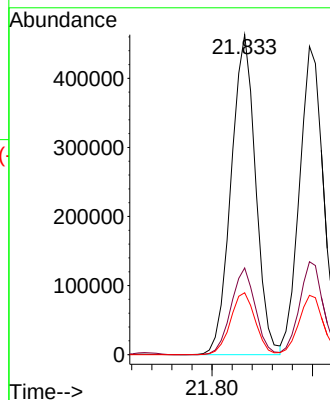
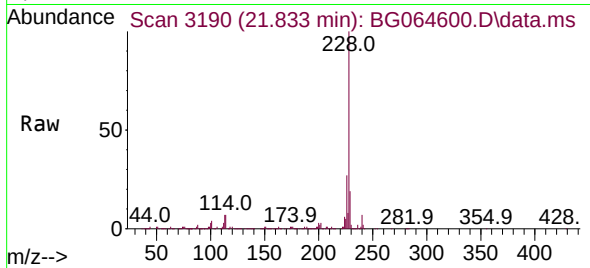




#81
Benzo(a)anthracene
Concen: 43.127 ng
RT: 21.833 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

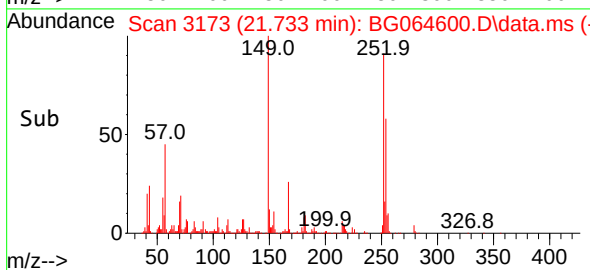
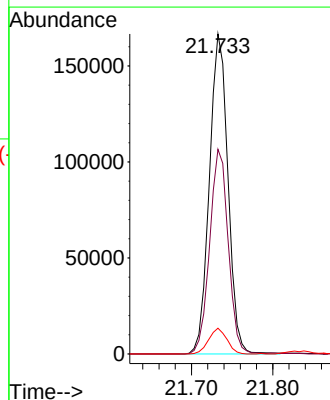
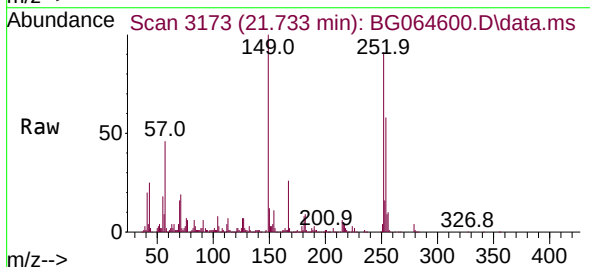
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

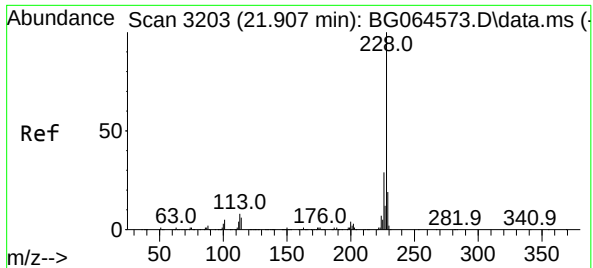
Tgt Ion:228 Resp: 783360
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.634 ng
RT: 21.733 min Scan# 3173
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:252 Resp: 264664
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 8.0 5.8 8.6

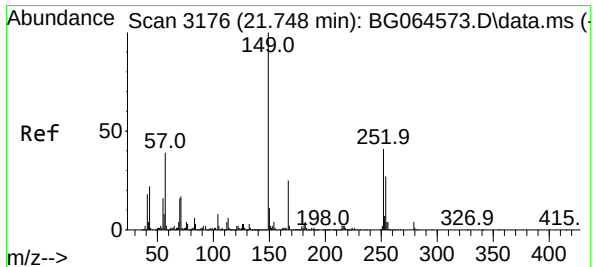
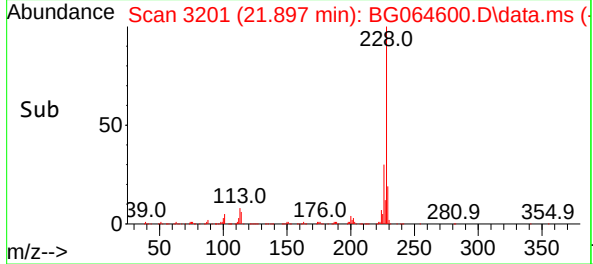
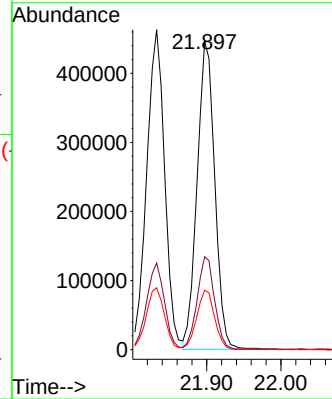
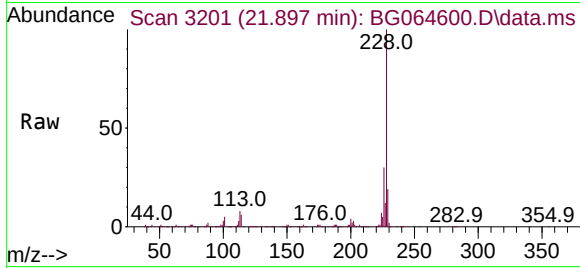




#83
Chrysene
Concen: 42.699 ng
RT: 21.897 min Scan# 3119
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

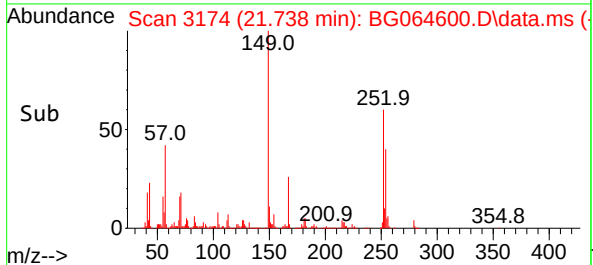
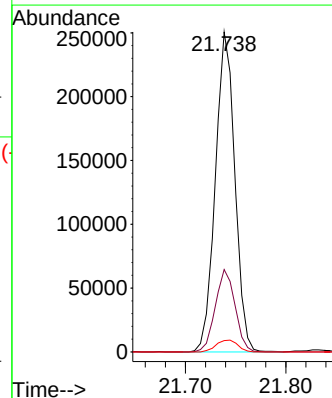
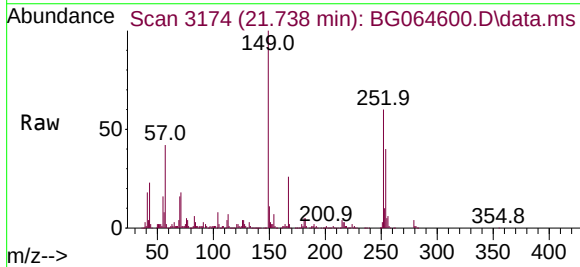
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

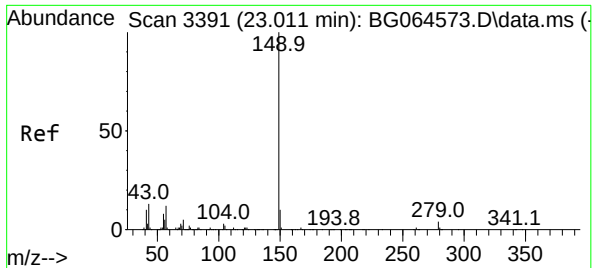
Tgt Ion:	228	Resp:	737979
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.3	34.9
229	19.3	15.2	22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.896 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	149	Resp:	338648
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.0	30.0
279	3.5	3.1	4.7

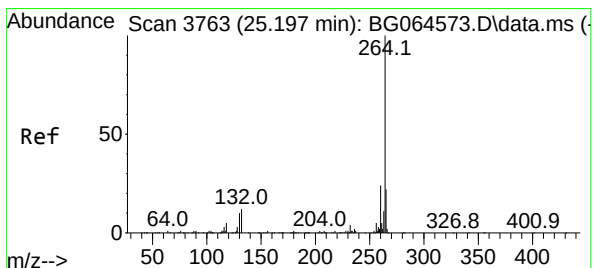
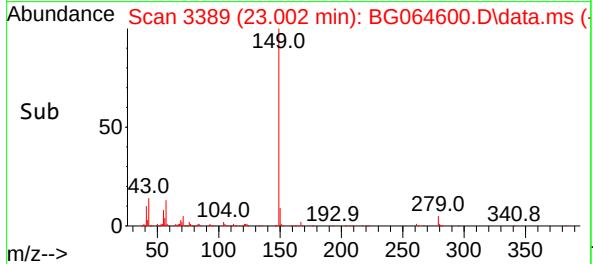
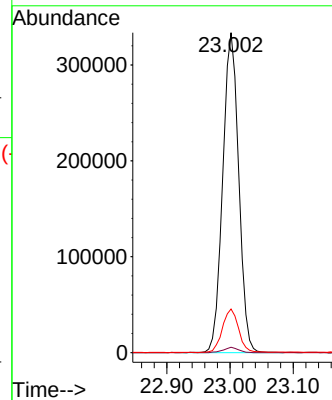
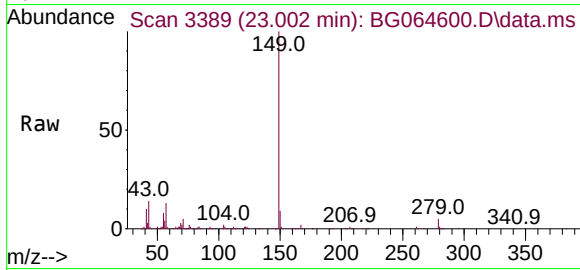




#85
Di-n-octyl phthalate
Concen: 42.989 ng
RT: 23.002 min Scan# 3391
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

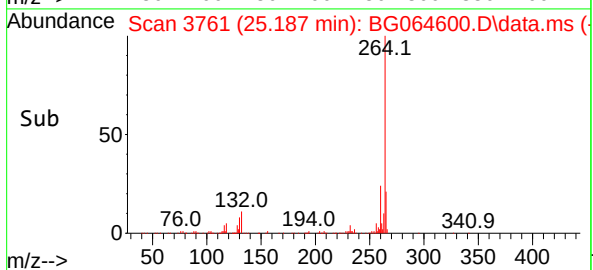
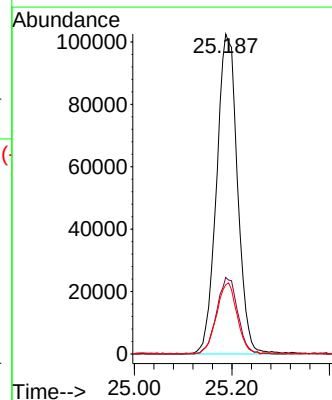
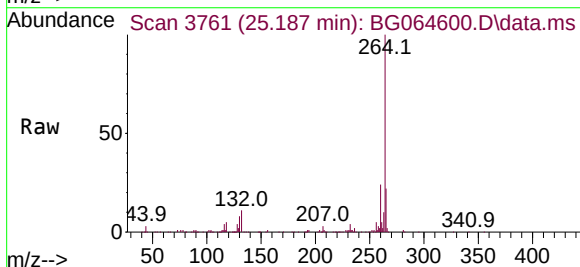
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

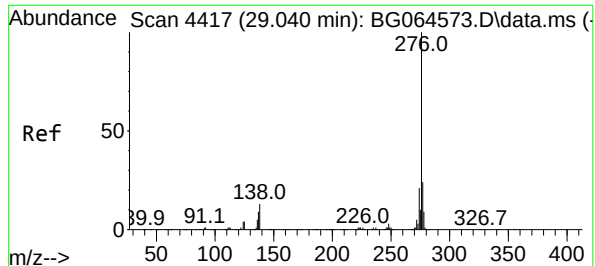
Tgt Ion:149 Resp: 585842
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.0 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.187 min Scan# 3761
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:264 Resp: 304830
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.6 17.6 26.4

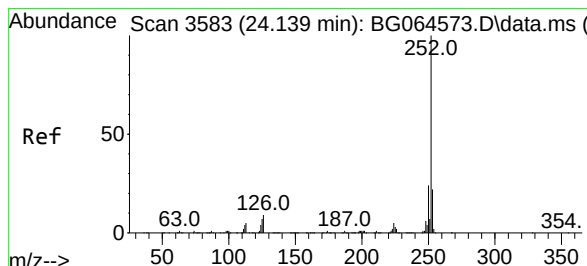
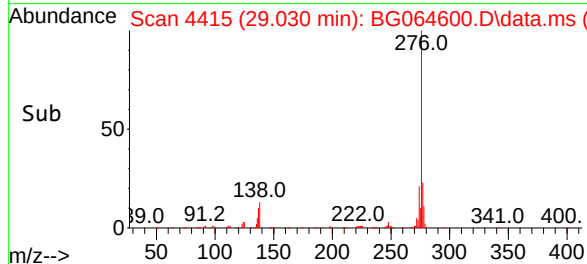
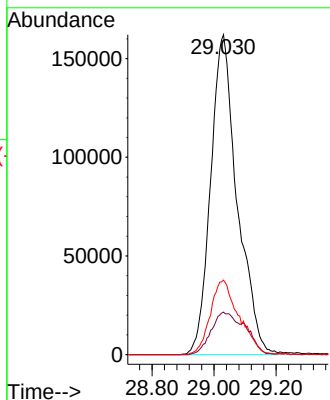
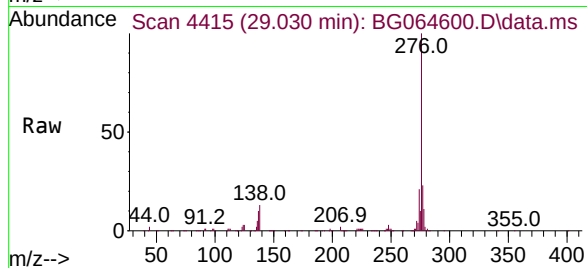




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.075 ng
RT: 29.030 min Scan# 4417
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

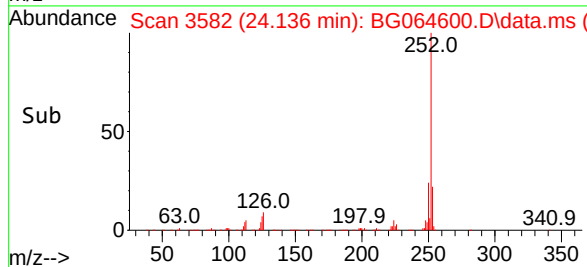
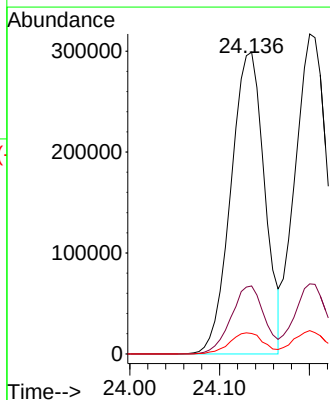
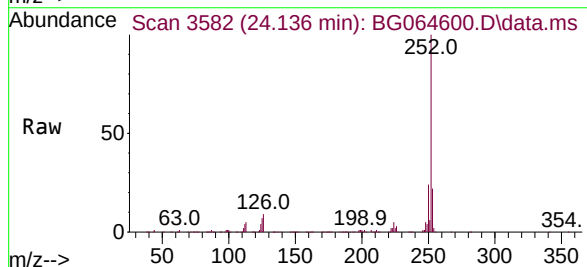
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

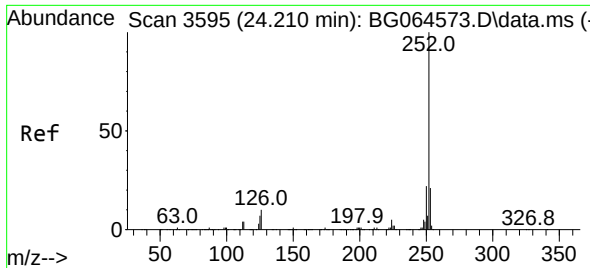
Tgt Ion:276 Resp: 965926
Ion Ratio Lower Upper
276 100
138 12.6 10.8 16.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 41.888 ng
RT: 24.136 min Scan# 3582
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:252 Resp: 782982
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.8 5.6 8.4

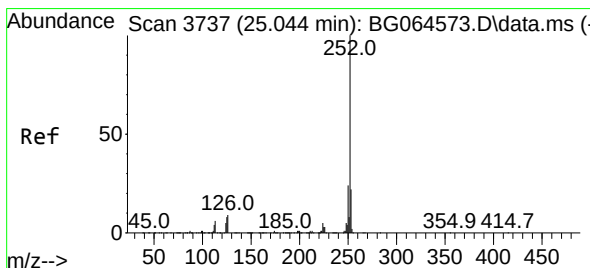
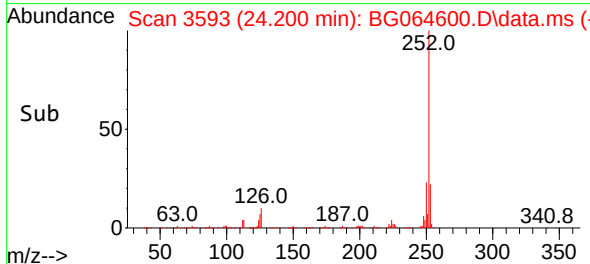
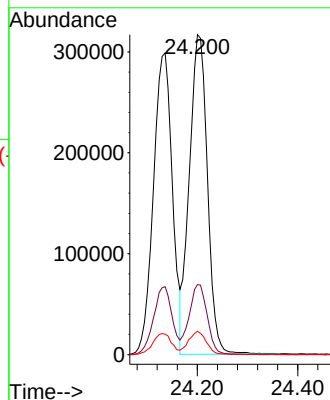
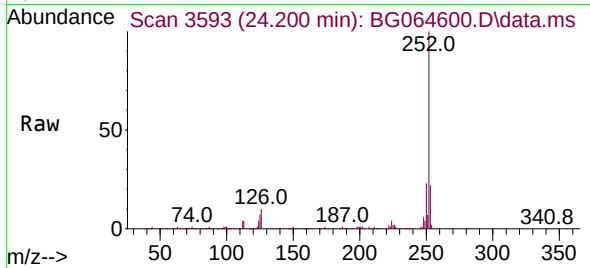




#89
Benzo(k)fluoranthene
Concen: 42.510 ng
RT: 24.200 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

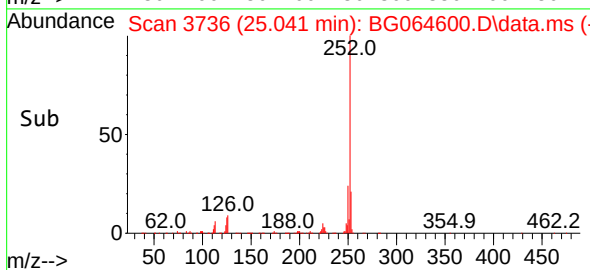
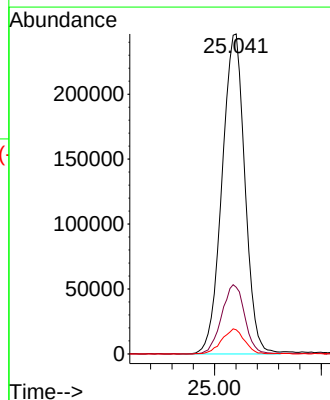
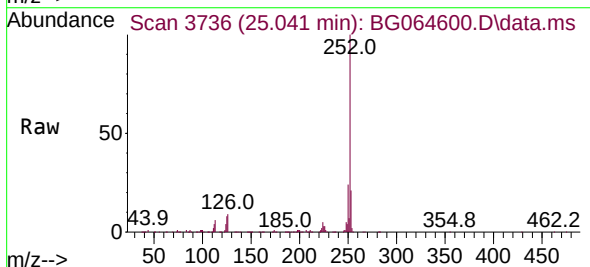
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

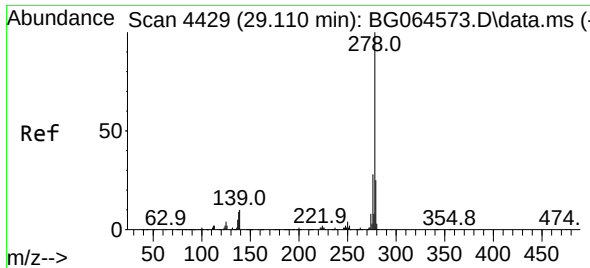
Tgt Ion:	252	Resp:	795148
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.8	25.2
125	7.3	5.4	8.0



#90
Benzo(a)pyrene
Concen: 42.632 ng
RT: 25.041 min Scan# 3736
Delta R.T. -0.004 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion:	252	Resp:	732498
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.6	26.4
125	7.5	6.1	9.1

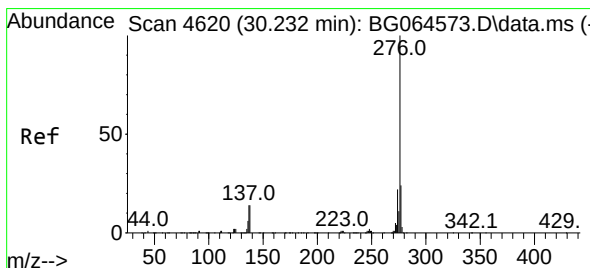
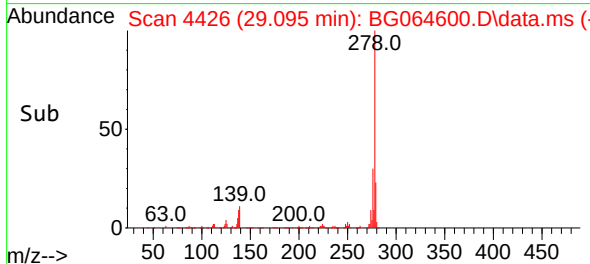
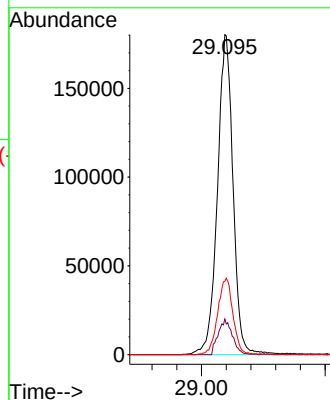
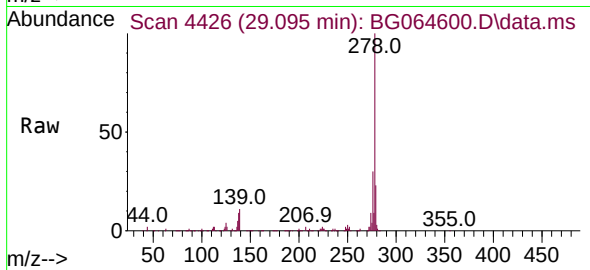




#91
Dibenzo(a,h)anthracene
Concen: 43.228 ng
RT: 29.095 min Scan# 4429
Delta R.T. -0.016 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

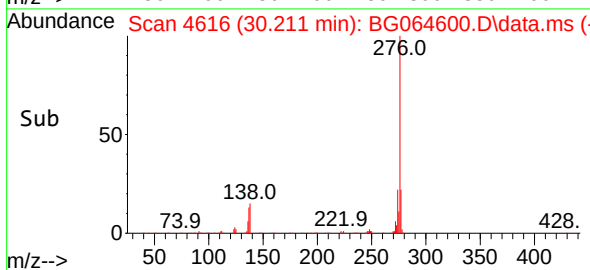
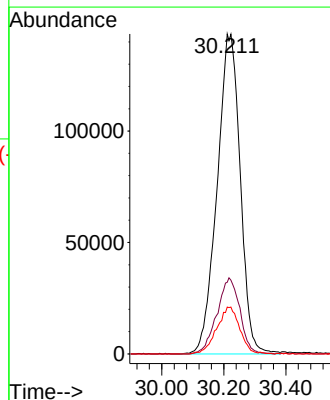
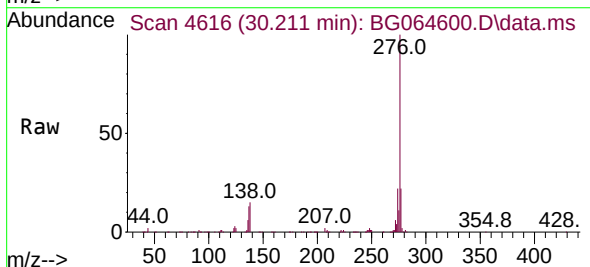
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.0	12.0
279	22.9	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 42.724 ng
RT: 30.211 min Scan# 4616
Delta R.T. -0.021 min
Lab File: BG064600.D
Acq: 28 Oct 2025 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.1	28.7
138	14.6	11.3	16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
2	1,4-Dioxane	0.528	0.500	5.3	68	0.00
3	Pyridine	1.584	1.484	6.3	63	0.00
4	n-Nitrosodimethylamine	0.850	0.841	1.1	67	0.00
5 S	2-Fluorophenol	1.192	1.244	-4.4	69	0.00
6	Aniline	2.225	2.289	-2.9	68	0.00
7 S	Phenol-d6	1.635	1.675	-2.4	67	0.00
8	2-Chlorophenol	1.247	1.245	0.2	65	0.00
9	Benzaldehyde	0.893	0.888	0.6	67	0.00
10 C	Phenol	1.808	1.888	-4.4	69	0.00
11	bis(2-Chloroethyl)ether	1.329	1.384	-4.1	71	0.00
12	1,3-Dichlorobenzene	1.435	1.491	-3.9	70	0.00
13 C	1,4-Dichlorobenzene	1.460	1.522	-4.2	71	0.00
14	1,2-Dichlorobenzene	1.408	1.442	-2.4	69	0.00
15	Benzyl Alcohol	1.348	1.311	2.7	66	0.00
16	2,2'-oxybis(1-Chloropropane	3.487	3.880	-11.3	74	0.00
17	2-Methylphenol	1.201	1.245	-3.7	70	0.00
18	Hexachloroethane	0.512	0.551	-7.6	73	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.210	-7.1	70	0.00
20	3+4-Methylphenols	1.688	1.671	1.0	66	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	68	0.00
22	Acetophenone	0.547	0.583	-6.6	68	0.00
23 S	Nitrobenzene-d5	0.333	0.361	-8.4	65	0.00
24	Nitrobenzene	0.362	0.392	-8.3	65	0.00
25	Isophorone	0.799	0.869	-8.8	68	0.00
26 C	2-Nitrophenol	0.121	0.135	-11.6	67	0.00
27	2,4-Dimethylphenol	0.297	0.323	-8.8	66	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.488	-7.3	68	0.00
29 C	2,4-Dichlorophenol	0.320	0.337	-5.3	64	0.00
30	1,2,4-Trichlorobenzene	0.363	0.391	-7.7	68	0.00
31	Naphthalene	1.109	1.185	-6.9	69	0.00
32	Benzoic acid	0.207	0.160	22.7	49#	-0.02
33	4-Chloroaniline	0.431	0.453	-5.1	67	0.00
34 C	Hexachlorobutadiene	0.284	0.301	-6.0	69	0.00
35	Caprolactam	0.123	0.122	0.8	62	0.00
36 C	4-Chloro-3-methylphenol	0.384	0.408	-6.2	66	0.00
37	2-Methylnaphthalene	0.814	0.869	-6.8	69	0.00
38	1-Methylnaphthalene	0.806	0.847	-5.1	68	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	67	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.712	-6.1	68	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.327	-8.3	68	0.00
42 S	2,4,6-Tribromophenol	0.289	0.305	-5.5	64	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.408	-6.2	65	0.00
44	2,4,5-Trichlorophenol	0.443	0.462	-4.3	64	0.00
45 S	2-Fluorobiphenyl	1.319	1.384	-4.9	67	0.00
46	1,1'-Biphenyl	1.422	1.511	-6.3	68	0.00
47	2-Chloronaphthalene	1.073	1.142	-6.4	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.324	-4.2	62	0.00
49	Acenaphthylene	1.693	1.798	-6.2	67	0.00
50	Dimethylphthalate	1.530	1.578	-3.1	64	0.00
51	2,6-Dinitrotoluene	0.218	0.235	-7.8	64	0.00
52 C	Acenaphthene	1.157	1.231	-6.4	67	0.00
53	3-Nitroaniline	0.263	0.290	-10.3	66	0.00
54 P	2,4-Dinitrophenol	0.132	0.158	-19.7	77	0.00
55	Dibenzofuran	1.870	1.967	-5.2	67	0.00
56 P	4-Nitrophenol	0.244	0.261	-7.0	67	0.00
57	2,4-Dinitrotoluene	0.340	0.374	-10.0	65	0.00
58	Fluorene	1.460	1.566	-7.3	69	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.450	-6.1	65	0.00
60	Diethylphthalate	1.563	1.619	-3.6	65	0.00
61	4-Chlorophenyl-phenylether	0.820	0.874	-6.6	68	0.00
62	4-Nitroaniline	0.293	0.338	-15.4	69	0.00
63	Azobenzene	1.434	1.556	-8.5	68	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	69	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.096	-21.5	80	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.566	-4.8	67	0.00
67	4-Bromophenyl-phenylether	0.237	0.250	-5.5	67	0.00
68	Hexachlorobenzene	0.270	0.286	-5.9	68	0.00
69	Atrazine	0.232	0.232	0.0	65	0.00
70 C	Pentachlorophenol	0.169	0.180	-6.5	69	0.00
71	Phenanthrene	1.094	1.174	-7.3	70	0.00
72	Anthracene	1.113	1.198	-7.6	70	0.00
73	Carbazole	0.981	1.064	-8.5	71	0.00
74	Di-n-butylphthalate	1.134	1.176	-3.7	66	0.00
75 C	Fluoranthene	1.370	1.518	-10.8	73	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	82	0.00
77	Benzydine	0.448	0.480	-7.1	81	0.00
78	Pyrene	1.307	1.281	2.0	75	0.00
79 S	Terphenyl-d14	1.060	1.051	0.8	76	0.00
80	Butylbenzylphthalate	0.395	0.408	-3.3	75	0.00
81	Benzo(a)anthracene	1.326	1.430	-7.8	83	0.00
82	3,3'-Dichlorobenzidine	0.443	0.483	-9.0	83	0.00
83	Chrysene	1.262	1.347	-6.7	82	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.618	-4.7	76	0.00
85 c	Di-n-octyl phthalate	0.995	1.069	-7.4	81	0.00
86 I	Perylene-d12	1.000	1.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.584	-7.7	88	0.00
88	Benzo(b)fluoranthene	1.226	1.284	-4.7	84	0.00
89	Benzo(k)fluoranthene	1.227	1.304	-6.3	88	0.00
90 C	Benzo(a)pyrene	1.127	1.201	-6.6	87	0.00
91	Dibenzo(a,h)anthracene	1.195	1.292	-8.1	89	-0.02
92	Benzo(g,h,i)perylene	1.142	1.220	-6.8	87	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	71	0.00
2	1,4-Dioxane	40.000	37.877	5.3	68	0.00
3	Pyridine	40.000	37.468	6.3	63	0.00
4	n-Nitrosodimethylamine	40.000	39.595	1.0	67	0.00
5 S	2-Fluorophenol	80.000	83.542	-4.4	69	0.00
6	Aniline	40.000	41.150	-2.9	68	0.00
7 S	Phenol-d6	80.000	81.955	-2.4	67	0.00
8	2-Chlorophenol	40.000	39.939	0.2	65	0.00
9	Benzaldehyde	40.000	39.786	0.5	67	0.00
10 C	Phenol	40.000	41.757	-4.4	69	0.00
11	bis(2-Chloroethyl)ether	40.000	41.648	-4.1	71	0.00
12	1,3-Dichlorobenzene	40.000	41.539	-3.8	70	0.00
13 C	1,4-Dichlorobenzene	40.000	41.719	-4.3	71	0.00
14	1,2-Dichlorobenzene	40.000	40.967	-2.4	69	0.00
15	Benzyl Alcohol	40.000	38.894	2.8	66	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	44.501	-11.3	74	0.00
17	2-Methylphenol	40.000	41.468	-3.7	70	0.00
18	Hexachloroethane	40.000	43.063	-7.7	73	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.830	-7.1	70	0.00
20	3+4-Methylphenols	40.000	39.590	1.0	66	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	68	0.00
22	Acetophenone	40.000	42.627	-6.6	68	0.00
23 S	Nitrobenzene-d5	80.000	86.691	-8.4	65	0.00
24	Nitrobenzene	40.000	43.241	-8.1	65	0.00
25	Isophorone	40.000	43.526	-8.8	68	0.00
26 C	2-Nitrophenol	40.000	39.240	1.9	67	0.00
27	2,4-Dimethylphenol	40.000	43.459	-8.6	66	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.920	-7.3	68	0.00
29 C	2,4-Dichlorophenol	40.000	42.166	-5.4	64	0.00
30	1,2,4-Trichlorobenzene	40.000	42.989	-7.5	68	0.00
31	Naphthalene	40.000	42.747	-6.9	69	0.00
32	Benzoic acid	40.000	30.728	23.2	49	-0.02
33	4-Chloroaniline	40.000	42.020	-5.1	67	0.00
34 C	Hexachlorobutadiene	40.000	42.430	-6.1	69	0.00
35	Caprolactam	40.000	39.664	0.8	62	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.414	-6.0	66	0.00
37	2-Methylnaphthalene	40.000	42.698	-6.7	69	0.00
38	1-Methylnaphthalene	40.000	42.038	-5.1	68	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	67	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.409	-6.0	68	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.286	-8.2	68	0.00
42 S	2,4,6-Tribromophenol	80.000	84.394	-5.5	64	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.468	-6.2	65	0.00
44	2,4,5-Trichlorophenol	40.000	41.754	-4.4	64	0.00
45 S	2-Fluorobiphenyl	80.000	83.896	-4.9	67	0.00
46	1,1'-Biphenyl	40.000	42.521	-6.3	68	0.00
47	2-Chloronaphthalene	40.000	42.561	-6.4	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	36.830	7.9	62	0.00
49	Acenaphthylene	40.000	42.492	-6.2	67	0.00
50	Dimethylphthalate	40.000	41.234	-3.1	64	0.00
51	2,6-Dinitrotoluene	40.000	37.929	5.2	64	0.00
52 C	Acenaphthene	40.000	42.558	-6.4	67	0.00
53	3-Nitroaniline	40.000	44.086	-10.2	66	0.00
54 P	2,4-Dinitrophenol	40.000	43.496	-8.7	77	0.00
55	Dibenzofuran	40.000	42.088	-5.2	67	0.00
56 P	4-Nitrophenol	40.000	42.870	-7.2	67	0.00
57	2,4-Dinitrotoluene	40.000	38.904	2.7	65	0.00
58	Fluorene	40.000	42.889	-7.2	69	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.494	-6.2	65	0.00
60	Diethylphthalate	40.000	41.444	-3.6	65	0.00
61	4-Chlorophenyl-phenylether	40.000	42.673	-6.7	68	0.00
62	4-Nitroaniline	40.000	46.150	-15.4	69	0.00
63	Azobenzene	40.000	43.410	-8.5	68	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	69	0.00
65	4,6-Dinitro-2-methylphenol	40.000	44.112	-10.3	80	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.931	-4.8	67	0.00
67	4-Bromophenyl-phenylether	40.000	42.202	-5.5	67	0.00
68	Hexachlorobenzene	40.000	42.333	-5.8	68	0.00
69	Atrazine	40.000	39.933	0.2	65	0.00
70 C	Pentachlorophenol	40.000	42.624	-6.6	69	0.00
71	Phenanthrene	40.000	42.940	-7.3	70	0.00
72	Anthracene	40.000	43.088	-7.7	70	0.00
73	Carbazole	40.000	43.381	-8.5	71	0.00
74	Di-n-butylphthalate	40.000	41.476	-3.7	66	0.00
75 C	Fluoranthene	40.000	44.309	-10.8	73	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	82	0.00
77	Benzydine	40.000	42.865	-7.2	81	0.00
78	Pyrene	40.000	39.200	2.0	75	0.00
79 S	Terphenyl-d14	80.000	79.314	0.9	76	0.00
80	Butylbenzylphthalate	40.000	41.284	-3.2	75	0.00
81	Benzo(a)anthracene	40.000	43.127	-7.8	83	0.00
82	3,3'-Dichlorobenzidine	40.000	43.634	-9.1	83	0.00
83	Chrysene	40.000	42.699	-6.7	82	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.896	-4.7	76	0.00
85 c	Di-n-octyl phthalate	40.000	42.989	-7.5	81	0.00
86 I	Perylene-d12	20.000	20.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.075	-7.7	88	0.00
88	Benzo(b)fluoranthene	40.000	41.888	-4.7	84	0.00
89	Benzo(k)fluoranthene	40.000	42.510	-6.3	88	0.00
90 C	Benzo(a)pyrene	40.000	42.632	-6.6	87	0.00
91	Dibenzo(a,h)anthracene	40.000	43.228	-8.1	89	-0.02
92	Benzo(g,h,i)perylene	40.000	42.724	-6.8	87	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
----------	--------	-------	------	-------	----------

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02
 Lab Code: ACE SDG No.: Q3447
 Instrument ID: BNA_G Calibration Date/Time: 10/31/2025 13:24
 Lab File ID: BG064654.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.584	1.572		-0.8	
2-Fluorophenol	1.192	1.264		6.0	
Phenol-d6	1.635	1.731		5.9	
1,4-Dichlorobenzene	1.460	1.553		6.4	20.0
2-Methylphenol	1.201	1.282		6.7	
3+4-Methylphenols	1.688	1.788		5.9	
Nitrobenzene-d5	0.333	0.422		26.7	
Hexachloroethane	0.512	0.562		9.8	
Nitrobenzene	0.362	0.439		21.3	
Hexachlorobutadiene	0.284	0.312		9.9	20.0
2,4,6-Trichlorophenol	0.384	0.465		21.1	20.0
2-Fluorobiphenyl	1.319	1.388		5.2	
2,4,5-Trichlorophenol	0.443	0.516		16.5	
2,4-Dinitrotoluene	0.340	0.487		43.2	
2,4,6-Tribromophenol	0.289	0.369		27.7	
Hexachlorobenzene	0.270	0.296		9.6	
Pentachlorophenol	0.169	0.202		19.5	20.0
Terphenyl-d14	1.060	1.084		2.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	29760	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	121809	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	99146	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	255812	20.000	ng	0.00
76) Chrysene-d12	21.853	240	303338	20.000	ng	0.00
86) Perylene-d12	25.196	264	334065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	150501	84.884	ng	0.00
7) Phenol-d6	7.353	99	206000	84.671	ng	0.00
23) Nitrobenzene-d5	9.380	82	205739	101.448	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	146464	102.353	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	550409	84.147	ng	0.00
79) Terphenyl-d14	20.167	244	1315419	81.837	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.586	88	32251	41.086	ng	95
3) Pyridine	3.998	79	93547	39.685	ng	98
4) n-Nitrosodimethylamine	3.904	42	51503	40.742	ng	95
6) Aniline	7.529	93	136762	41.310	ng	99
8) 2-Chlorophenol	7.776	128	84243	45.394	ng	98
9) Benzaldehyde	7.341	77	59732	44.971	ng	96
10) Phenol	7.382	94	112447	41.792	ng	97
11) bis(2-Chloroethyl)ether	7.623	93	80745	40.817	ng	95
12) 1,3-Dichlorobenzene	8.111	146	91656	42.911	ng	97
13) 1,4-Dichlorobenzene	8.257	146	92453	42.569	ng	95
14) 1,2-Dichlorobenzene	8.581	146	89742	42.840	ng	98
15) Benzyl Alcohol	8.445	79	87326	43.527	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.739	45	207478	39.984	ng	98
17) 2-Methylphenol	8.645	107	76321	42.723	ng	98
18) Hexachloroethane	9.321	117	33456	43.896	ng	92
19) n-Nitroso-di-n-propyla...	9.021	70	70193	41.746	ng	99
20) 3+4-Methylphenols	8.974	107	106425	42.362	ng	96
22) Acetophenone	9.039	105	140475	42.188	ng	95
24) Nitrobenzene	9.427	77	106834	48.433	ng	97
25) Isophorone	9.950	82	207109	42.559	ng	99
26) 2-Nitrophenol	10.143	139	43580	50.996	ng	91
27) 2,4-Dimethylphenol	10.190	122	77929	43.051	ng	98
28) bis(2-Chloroethoxy)met...	10.431	93	116027	41.876	ng	98
29) 2,4-Dichlorophenol	10.678	162	89869	46.132	ng	96
30) 1,2,4-Trichlorobenzene	10.901	180	95331	43.070	ng	99
31) Naphthalene	11.095	128	282988	41.902	ng	98
32) Benzoic acid	10.296	122	59106	43.506	ng	94
33) 4-Chloroaniline	11.189	127	110439	42.073	ng	96
34) Hexachlorobutadiene	11.383	225	75914	43.856	ng	98
35) Caprolactam	11.947	113	32886	44.014	ng	# 93
36) 4-Chloro-3-methylphenol	12.288	107	104310	44.546	ng	99
37) 2-Methylnaphthalene	12.688	142	211429	42.641	ng	97
38) 1-Methylnaphthalene	12.905	142	206713	42.113	ng	99
40) 1,2,4,5-Tetrachloroben...	13.046	216	142351	42.781	ng	99
41) Hexachlorocyclopentadiene	13.034	237	72118	48.153	ng	94
43) 2,4,6-Trichlorophenol	13.275	196	92265	48.476	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064654.D
 Acq On : 31 Oct 2025 13:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

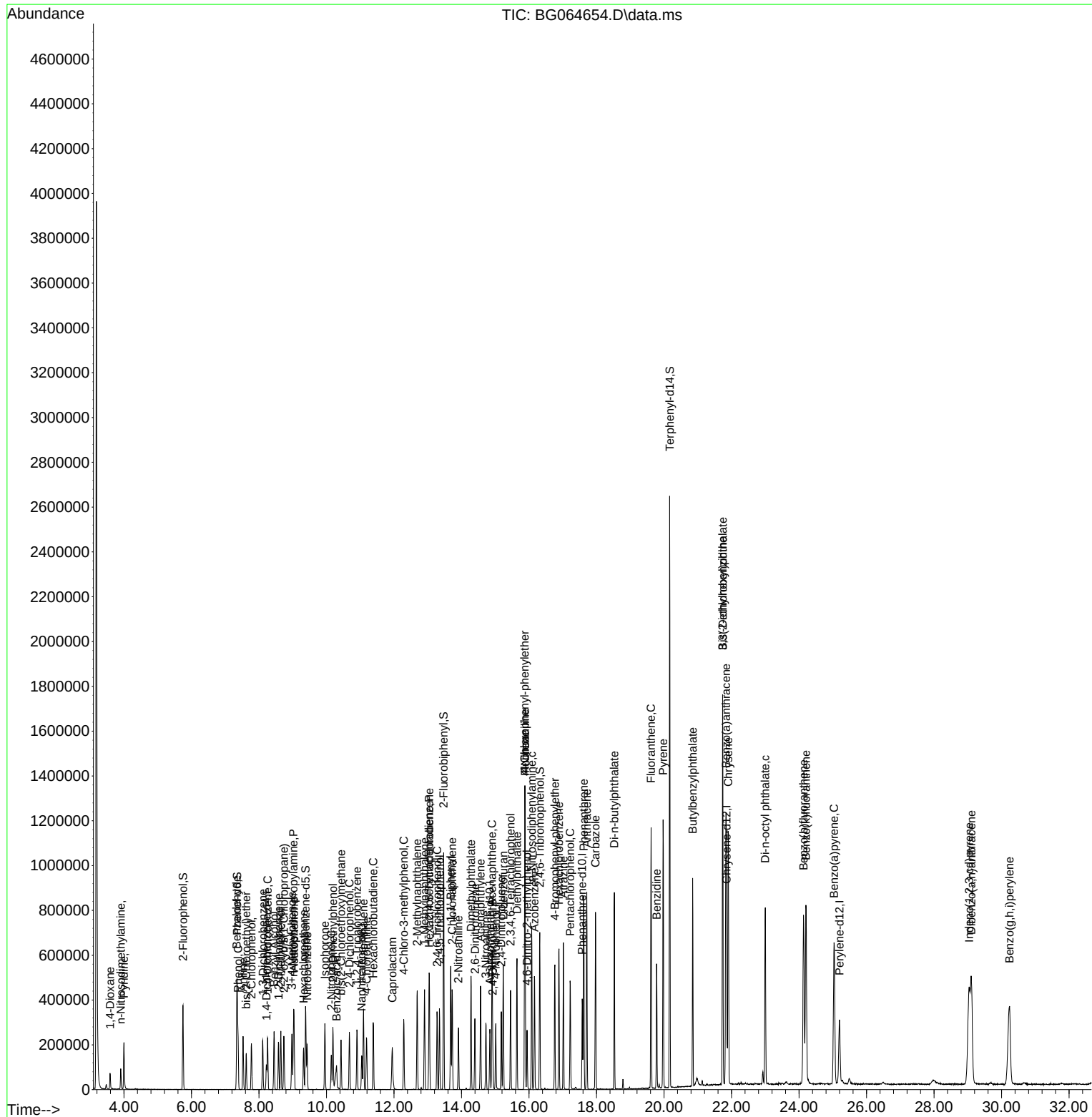
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102397	46.620	ng	97
46) 1,1'-Biphenyl	13.681	154	292218	41.458	ng	95
47) 2-Chloronaphthalene	13.722	162	221744	41.677	ng	100
48) 2-Nitroaniline	13.910	65	83630	46.901	ng	93
49) Acenaphthylene	14.562	152	350872	41.810	ng	98
50) Dimethylphthalate	14.280	163	328584	43.311	ng	99
51) 2,6-Dinitrotoluene	14.397	165	59510	47.570	ng	98
52) Acenaphthene	14.903	154	248302	43.306	ng	98
53) 3-Nitroaniline	14.720	138	70138	53.795	ng	96
54) 2,4-Dinitrophenol	14.926	184	40959	55.180	ng	# 53
55) Dibenzofuran	15.238	168	388830	41.947	ng	98
56) 4-Nitrophenol	15.014	139	62759	51.918	ng	95
57) 2,4-Dinitrotoluene	15.179	165	96588	49.783	ng	# 97
58) Fluorene	15.884	166	310016	42.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	104637	49.820	ng	99
60) Diethylphthalate	15.643	149	330924	42.720	ng	100
61) 4-Chlorophenyl-phenyle...	15.872	204	176129	43.354	ng	98
62) 4-Nitroaniline	15.884	138	78755	54.295	ng	96
63) Azobenzene	16.160	77	295018	41.508	ng	98
65) 4,6-Dinitro-2-methylph...	15.943	198	61671	54.019	ng	97
66) n-Nitrosodiphenylamine	16.078	169	283639	41.047	ng	99
67) 4-Bromophenyl-phenylether	16.765	248	131799	43.477	ng	94
68) Hexachlorobenzene	16.889	284	151216	43.724	ng	96
69) Atrazine	17.018	200	124468	41.856	ng	96
70) Pentachlorophenol	17.218	266	103163	47.836	ng	93
71) Phenanthrene	17.617	178	587037	41.963	ng	99
72) Anthracene	17.711	178	589385	41.417	ng	99
73) Carbazole	17.970	167	528932	42.151	ng	100
74) Di-n-butylphthalate	18.528	149	610367	42.063	ng	99
75) Fluoranthene	19.615	202	756083	43.143	ng	99
77) Benzidine	19.779	184	330565	48.641	ng	99
78) Pyrene	19.973	202	792145	39.970	ng	100
80) Butylbenzylphthalate	20.849	149	274852	45.886	ng	96
81) Benzo(a)anthracene	21.836	228	853793	42.450	ng	99
82) 3,3'-Dichlorobenzidine	21.736	252	302039	44.970	ng	99
83) Chrysene	21.900	228	803594	41.990	ng	98
84) Bis(2-ethylhexyl)phtha...	21.736	149	399327	44.616	ng	97
85) Di-n-octyl phthalate	22.999	149	692038	45.860	ng	98
87) Indeno(1,2,3-cd)pyrene	29.039	276	1028556	41.854	ng	98
88) Benzo(b)fluoranthene	24.133	252	860704	42.017	ng	98
89) Benzo(k)fluoranthene	24.203	252	858121	41.862	ng	97
90) Benzo(a)pyrene	25.038	252	789156	41.910	ng	99
91) Dibenzo(a,h)anthracene	29.104	278	838779	42.012	ng	98
92) Benzo(g,h,i)perylene	30.232	276	797168	41.797	ng	96

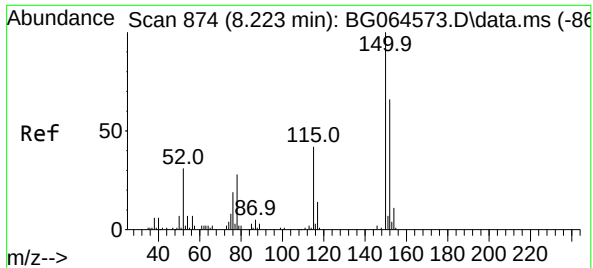
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

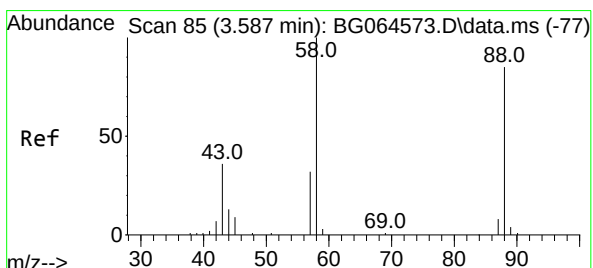
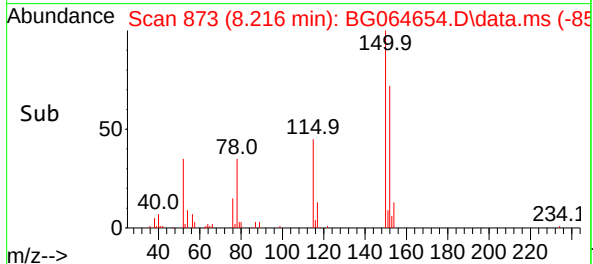
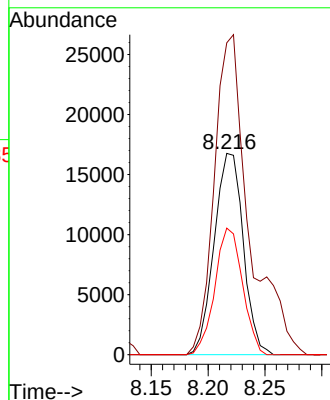
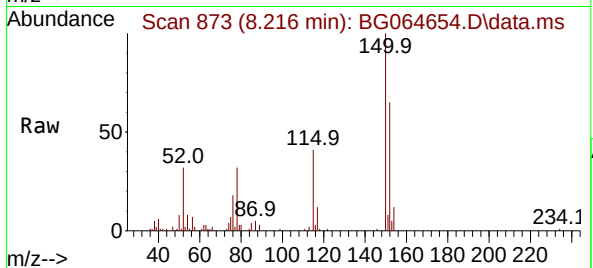




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

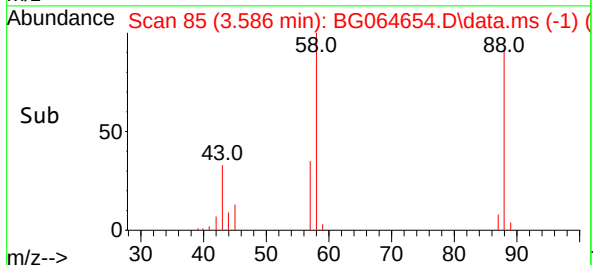
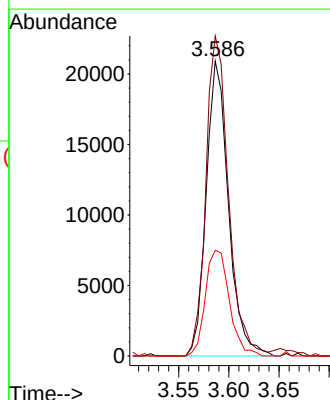
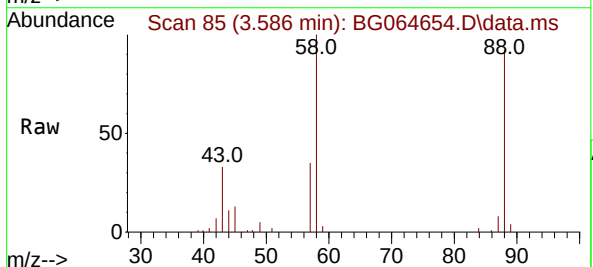
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

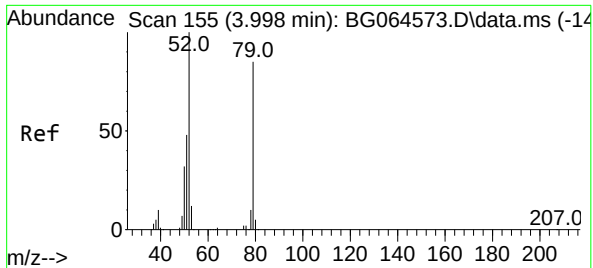
Tgt Ion:152 Resp: 29760
Ion Ratio Lower Upper
152 100
150 154.9 122.2 183.4
115 62.9 50.8 76.2



#2
1,4-Dioxane
Concen: 41.086 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion: 88 Resp: 32251
Ion Ratio Lower Upper
88 100
58 110.0 92.4 138.6
43 38.7 33.0 49.6

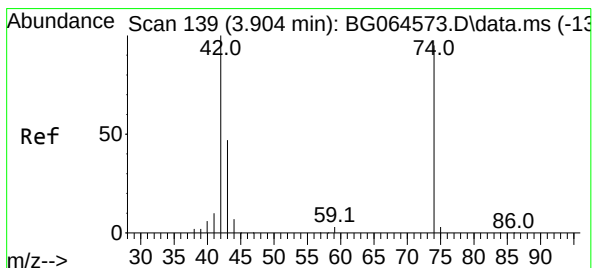
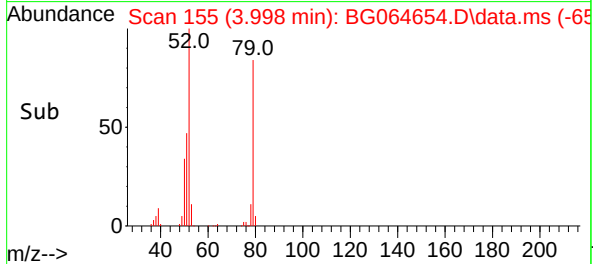
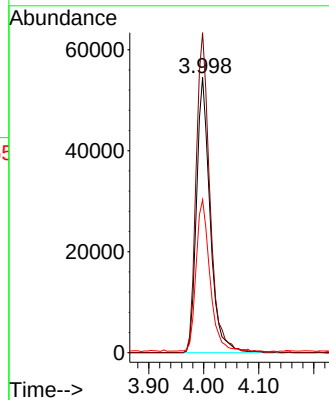
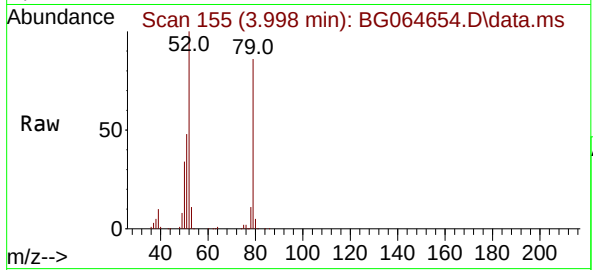




#3
Pyridine
Concen: 39.685 ng
RT: 3.998 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

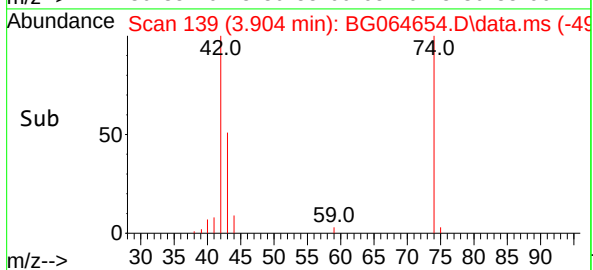
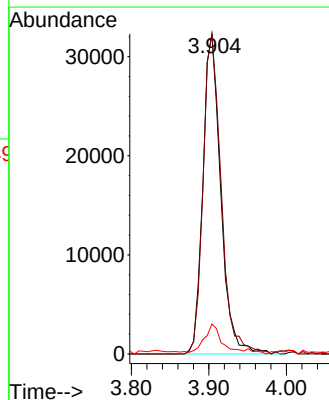
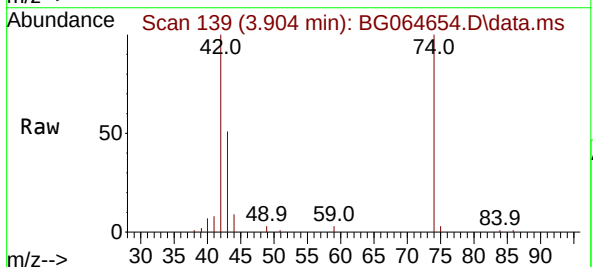
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

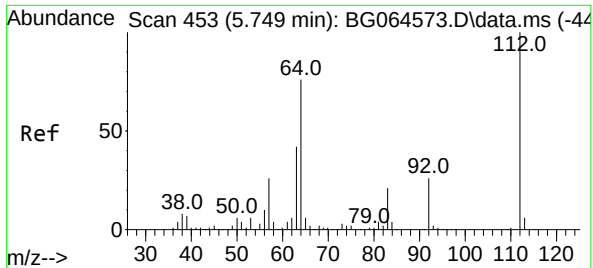
Tgt Ion: 79 Resp: 93547
Ion Ratio Lower Upper
79 100
52 116.3 94.2 141.2
51 55.6 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 40.742 ng
RT: 3.904 min Scan# 139
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion: 42 Resp: 51503
Ion Ratio Lower Upper
42 100
74 100.1 76.1 114.1
44 9.3 6.3 9.5

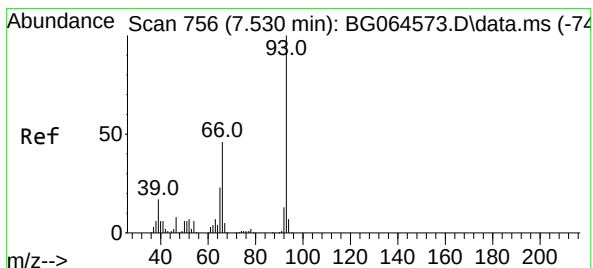
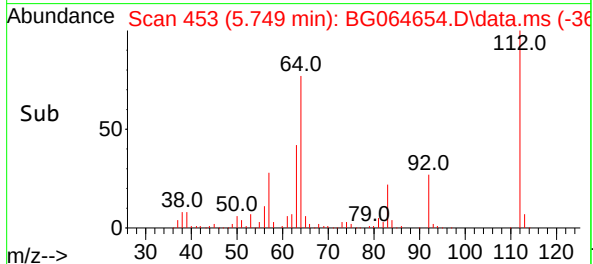
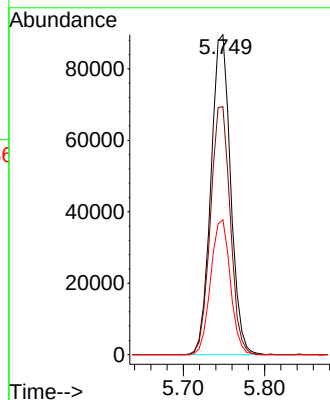
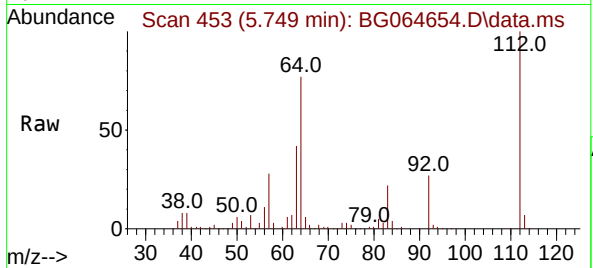




#5
2-Fluorophenol
Concen: 84.884 ng
RT: 5.749 min Scan# 453
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

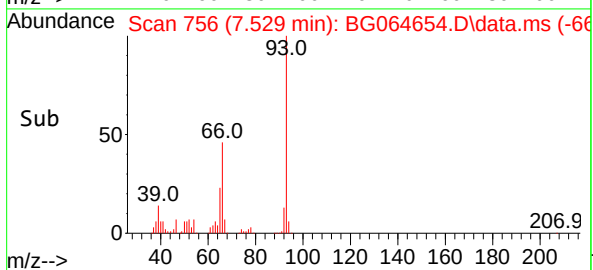
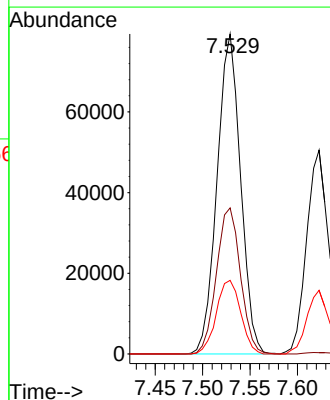
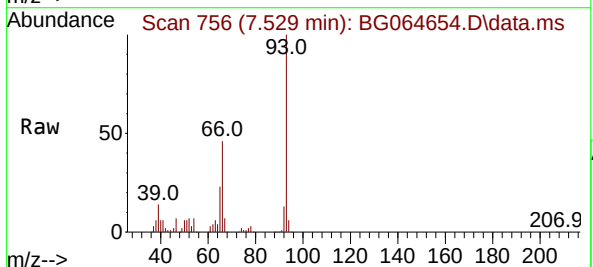
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

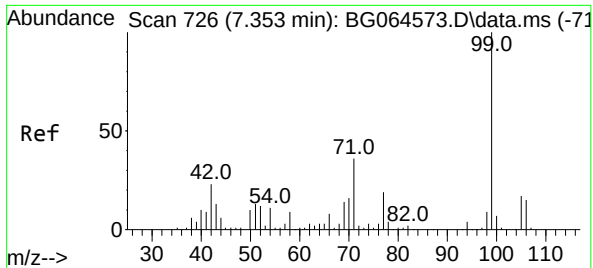
Tgt Ion:112 Resp: 150501
Ion Ratio Lower Upper
112 100
64 77.5 60.7 91.1
63 42.1 33.4 50.0



#6
Aniline
Concen: 41.310 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion: 93 Resp: 136762
Ion Ratio Lower Upper
93 100
66 45.7 37.0 55.6
65 23.0 18.3 27.5

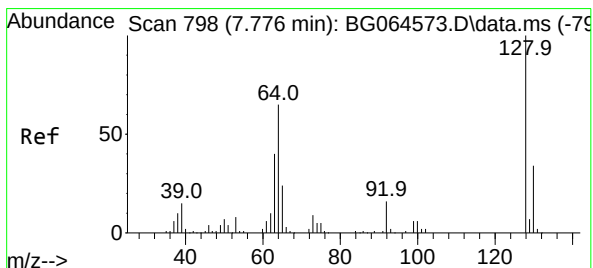
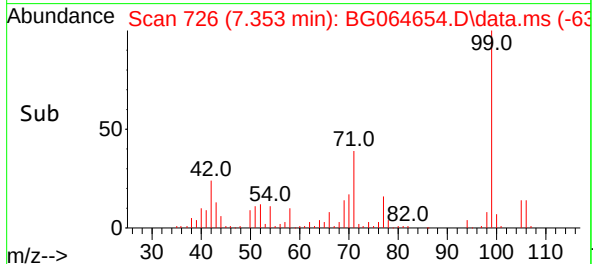
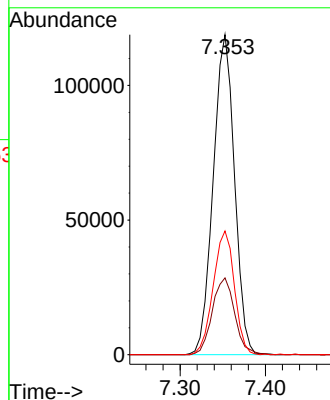
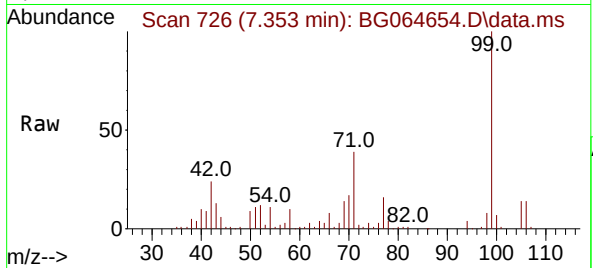




#7
Phenol-d6
Concen: 84.671 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

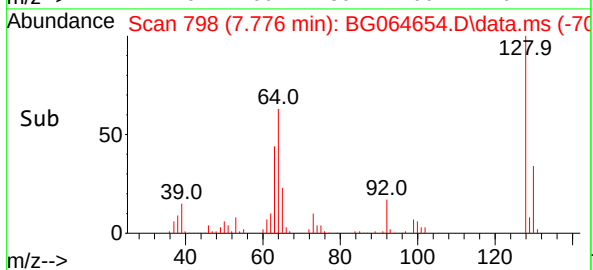
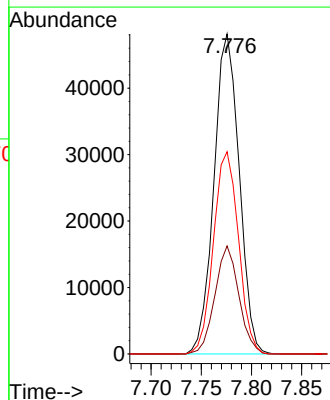
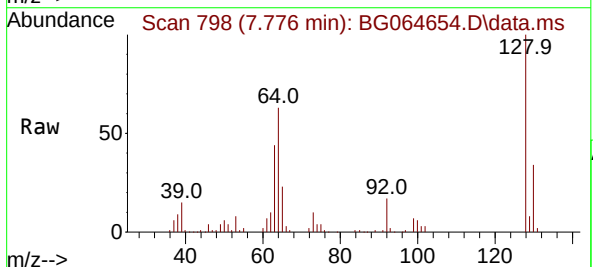
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

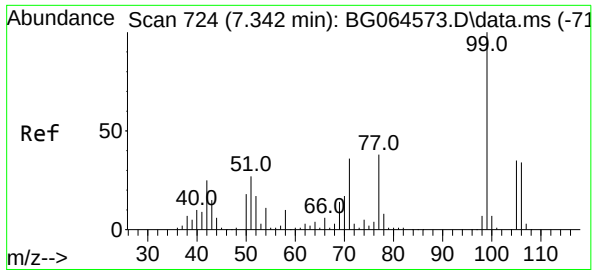
Tgt Ion: 99 Resp: 206000
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 38.7 28.6 43.0



#8
2-Chlorophenol
Concen: 45.394 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion: 128 Resp: 84243
Ion Ratio Lower Upper
128 100
130 33.7 13.5 53.5
64 63.2 45.2 85.2

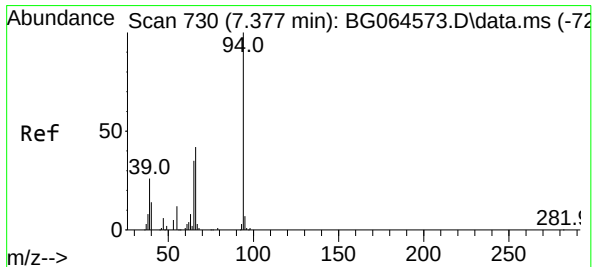
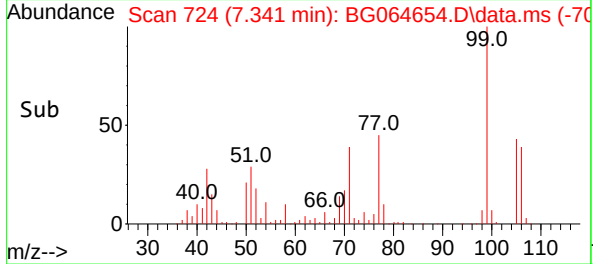
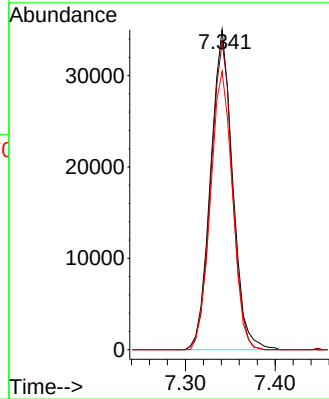
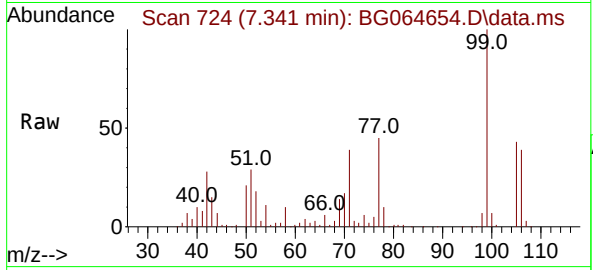




#9
Benzaldehyde
Concen: 44.971 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

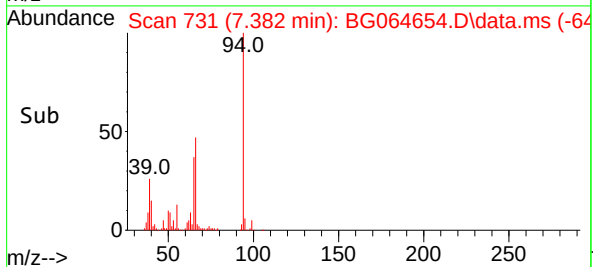
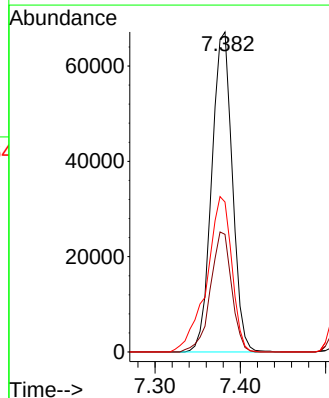
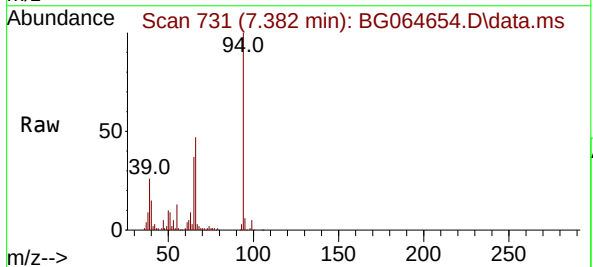
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

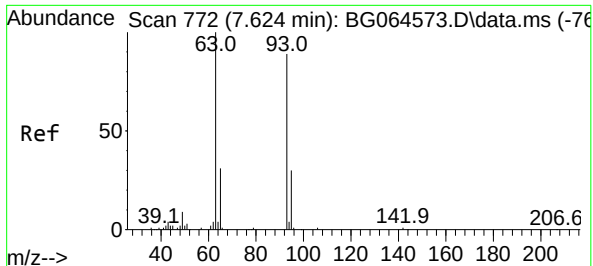
Tgt Ion: 77 Resp: 59732
Ion Ratio Lower Upper
77 100
105 96.1 72.9 112.9
106 87.0 70.8 110.8



#10
Phenol
Concen: 41.792 ng
RT: 7.382 min Scan# 731
Delta R.T. 0.005 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion: 94 Resp: 112447
Ion Ratio Lower Upper
94 100
65 36.7 15.8 55.8
66 46.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 40.817 ng

RT: 7.623 min Scan# 772

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

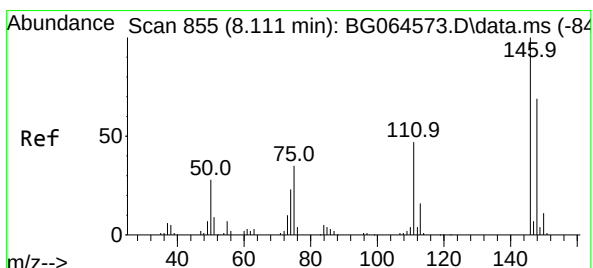
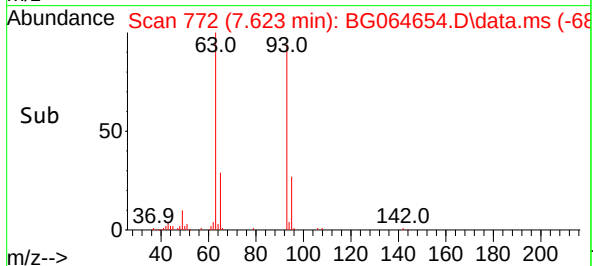
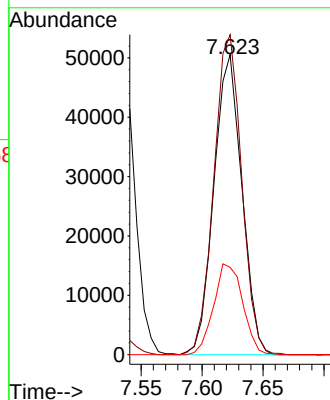
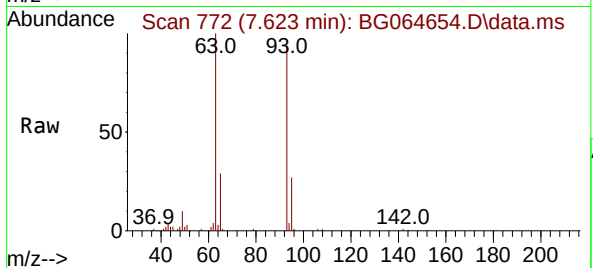
Tgt Ion: 93 Resp: 80745

Ion Ratio Lower Upper

93 100

63 106.7 91.3 131.3

95 29.1 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 42.911 ng

RT: 8.111 min Scan# 855

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

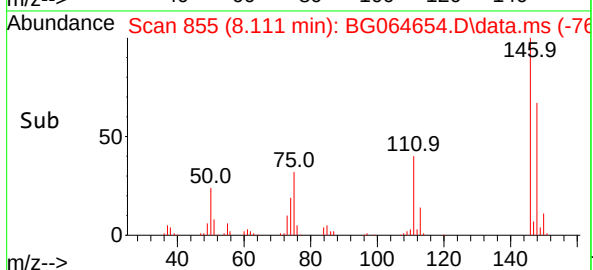
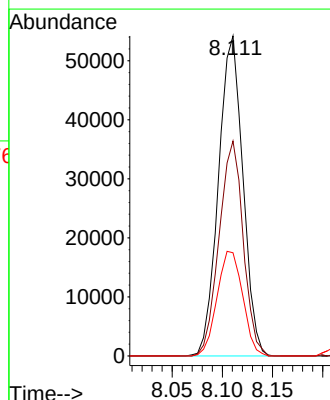
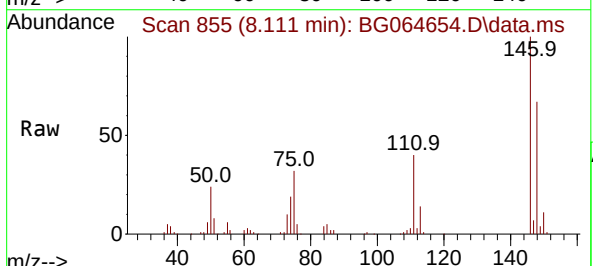
Tgt Ion: 146 Resp: 91656

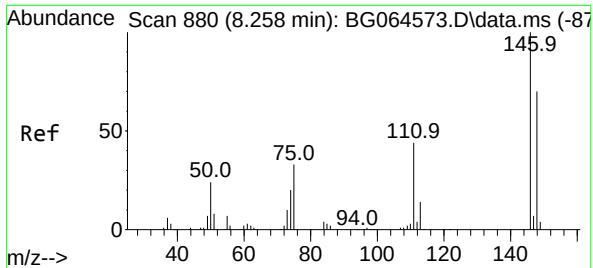
Ion Ratio Lower Upper

146 100

148 67.1 55.3 82.9

75 32.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.569 ng

RT: 8.257 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

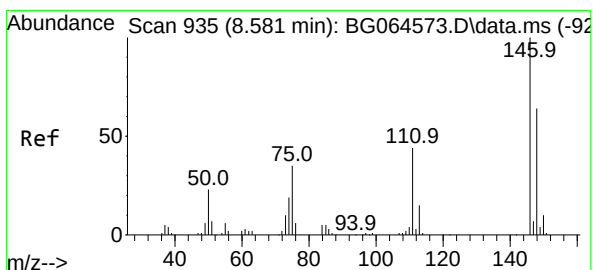
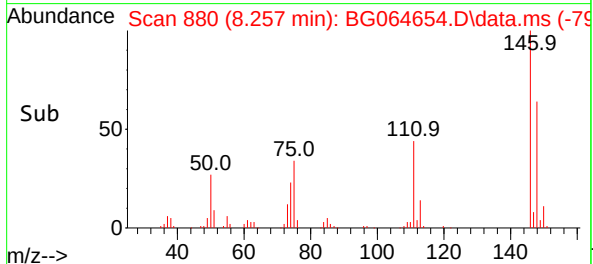
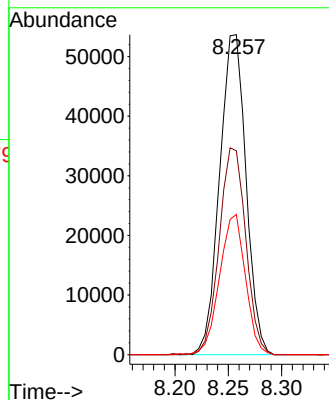
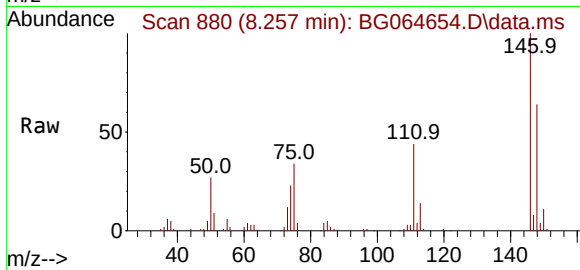
Tgt Ion:146 Resp: 92453

Ion Ratio Lower Upper

146 100

148 63.7 56.2 84.4

111 43.8 35.4 53.0



#14

1,2-Dichlorobenzene

Concen: 42.840 ng

RT: 8.581 min Scan# 935

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

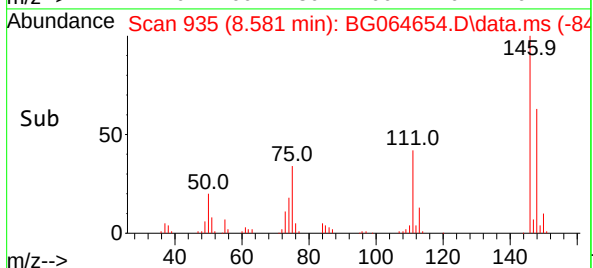
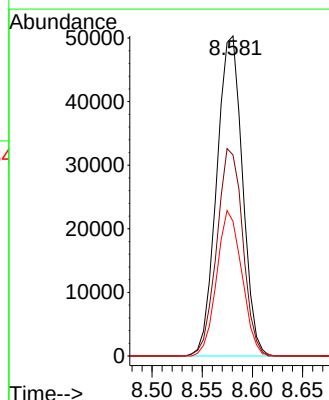
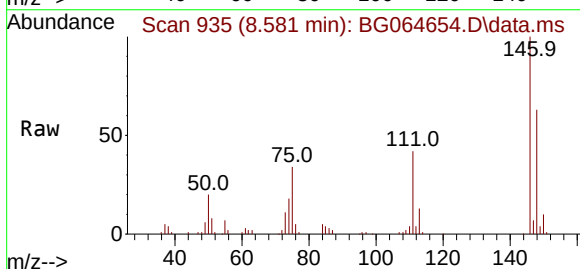
Tgt Ion:146 Resp: 89742

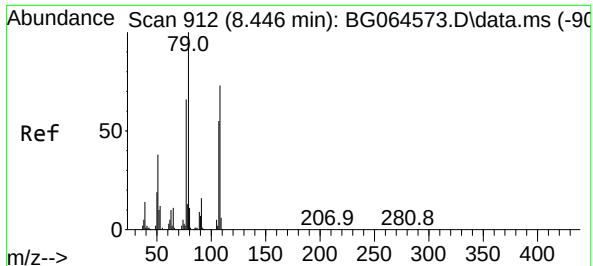
Ion Ratio Lower Upper

146 100

148 62.8 51.5 77.3

111 42.0 35.0 52.6





#15

Benzyl Alcohol

Concen: 43.527 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

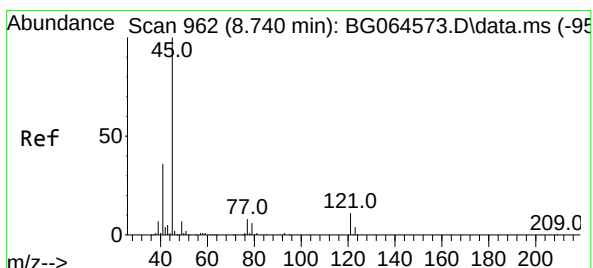
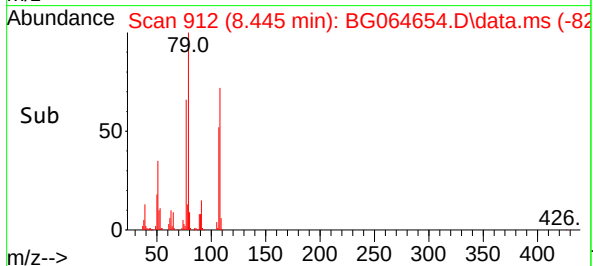
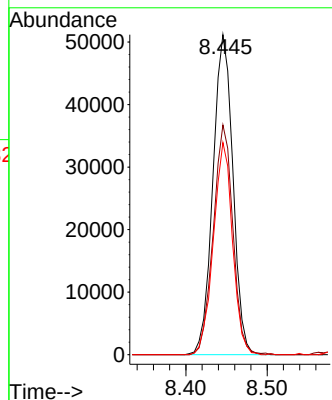
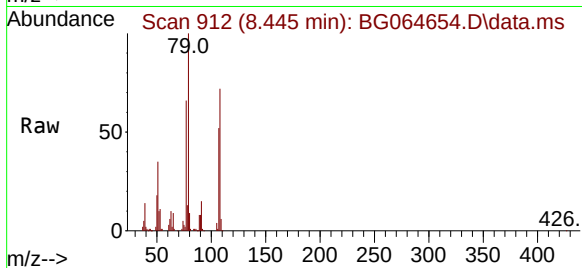
Tgt Ion: 79 Resp: 87326

Ion Ratio Lower Upper

79 100

108 71.8 58.1 87.1

77 66.3 52.8 79.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.984 ng

RT: 8.739 min Scan# 962

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

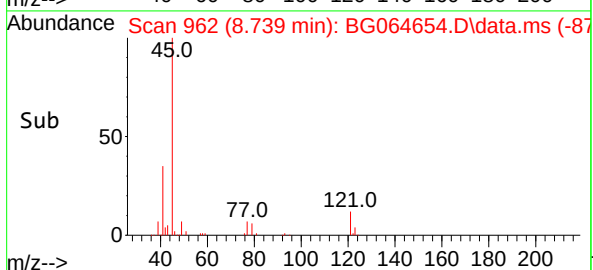
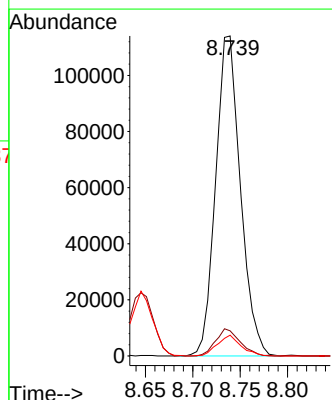
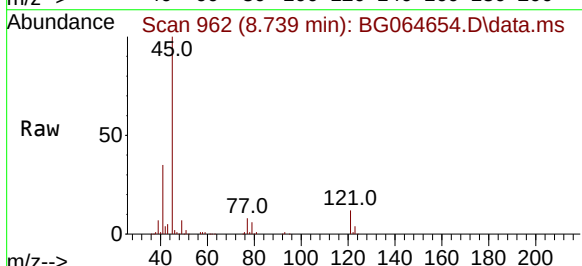
Tgt Ion: 45 Resp: 207478

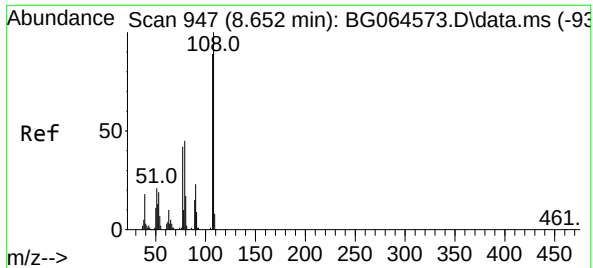
Ion Ratio Lower Upper

45 100

77 7.9 0.0 28.5

79 6.5 0.0 25.6





#17

2-Methylphenol

Concen: 42.723 ng

RT: 8.645 min Scan# 947

Delta R.T. -0.007 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 76321

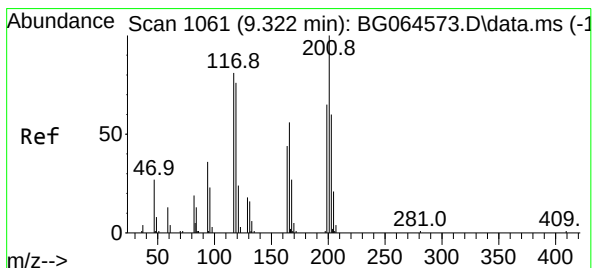
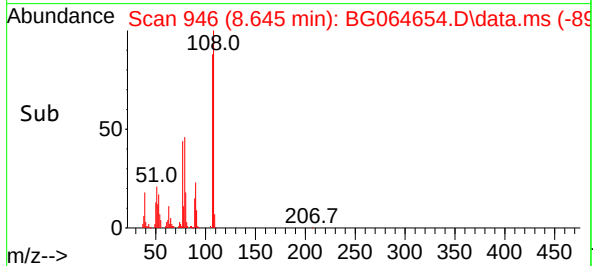
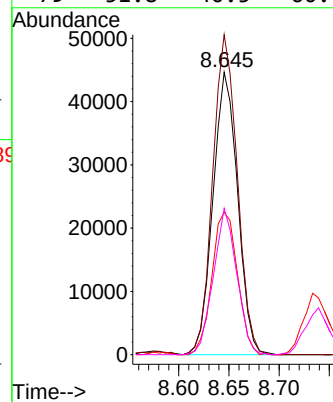
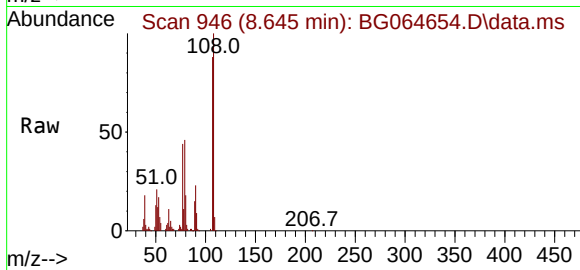
Ion Ratio Lower Upper

107 100

108 113.3 90.0 135.0

77 50.4 37.8 56.8

79 51.8 40.5 60.7



#18

Hexachloroethane

Concen: 43.896 ng

RT: 9.321 min Scan# 1061

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

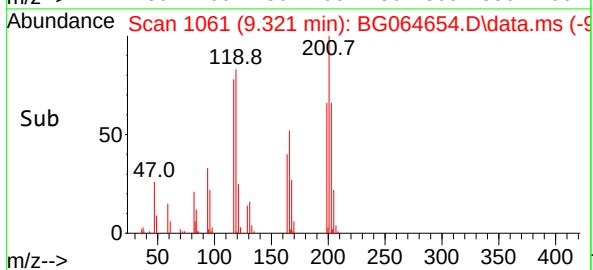
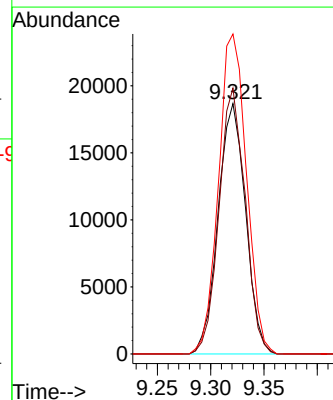
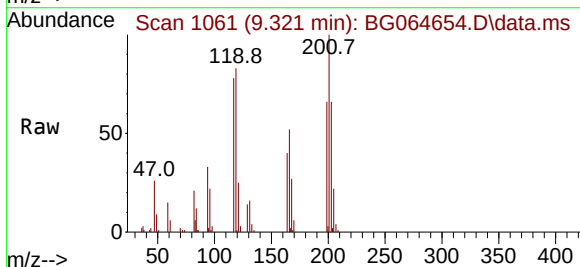
Tgt Ion:117 Resp: 33456

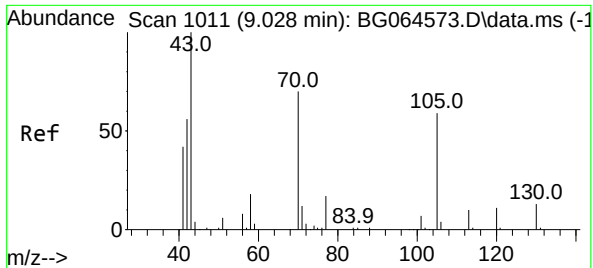
Ion Ratio Lower Upper

117 100

119 107.2 75.4 113.2

201 127.8 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.746 ng

RT: 9.021 min Scan# 1011

Delta R.T. -0.007 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 70193

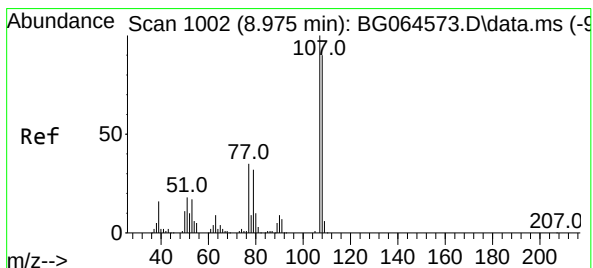
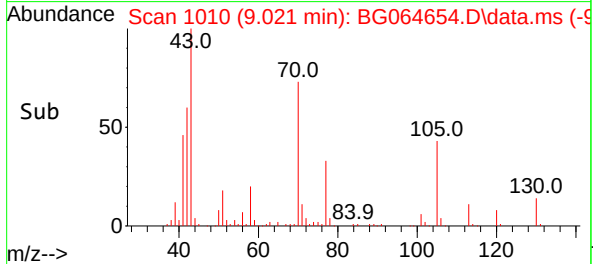
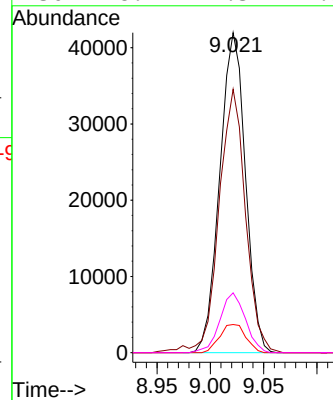
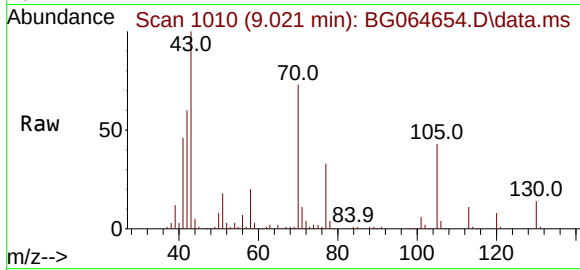
Ion Ratio Lower Upper

70 100

42 82.3 65.2 97.8

101 8.8 7.9 11.9

130 18.7 14.3 21.5



#20

3+4-Methylphenols

Concen: 42.362 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Tgt Ion:107 Resp: 106425

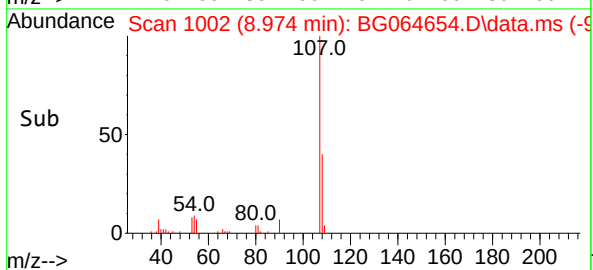
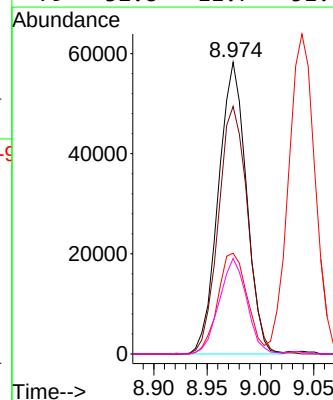
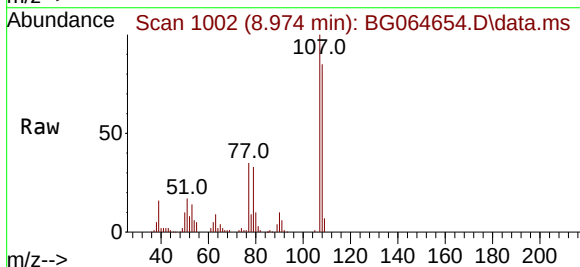
Ion Ratio Lower Upper

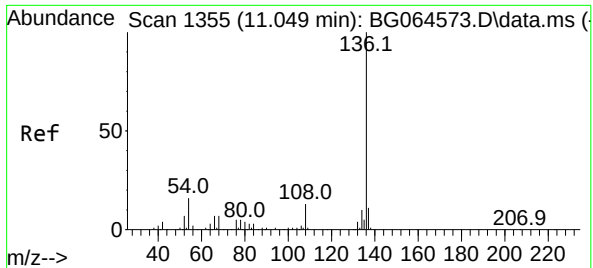
107 100

108 84.8 70.3 110.3

77 34.6 14.6 54.6

79 32.8 11.7 51.7

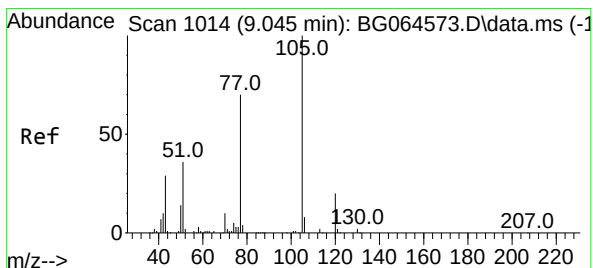
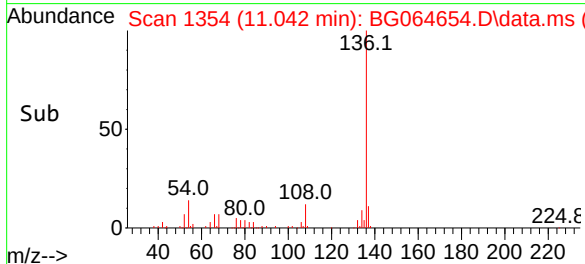
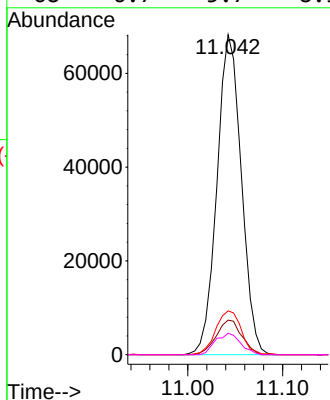
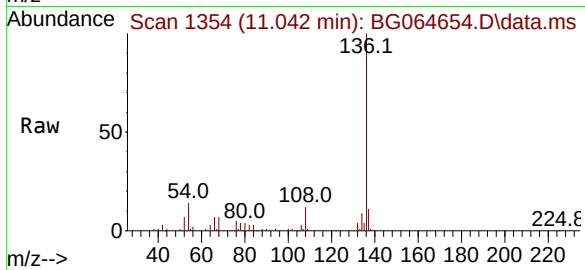




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

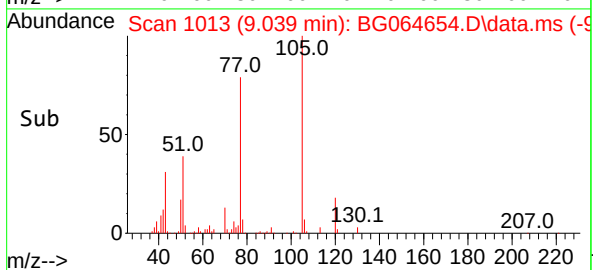
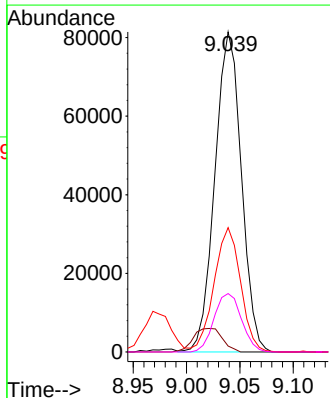
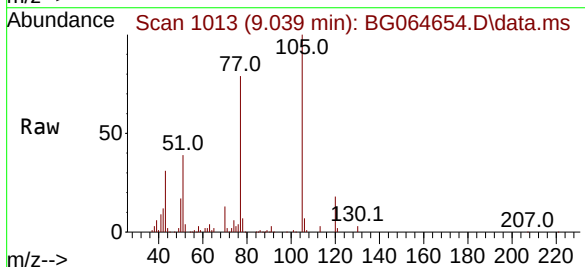
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

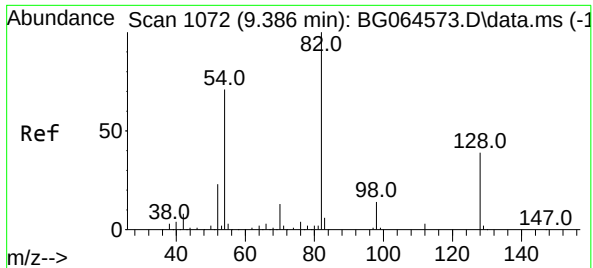
Tgt Ion:	136	Resp:	121809
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	13.7	12.6	19.0
68	6.7	5.7	8.5



#22
Acetophenone
Concen: 42.188 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:	105	Resp:	140475
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.5	2.3
51	38.9	33.7	50.5
120	18.2	16.1	24.1





#23

Nitrobenzene-d5

Concen: 101.448 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.007 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

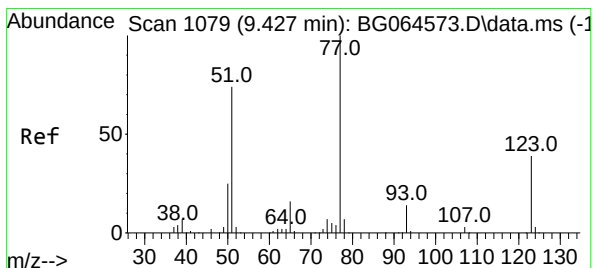
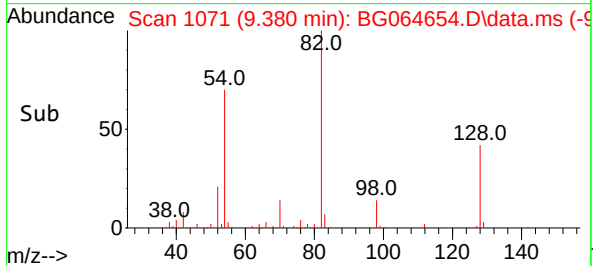
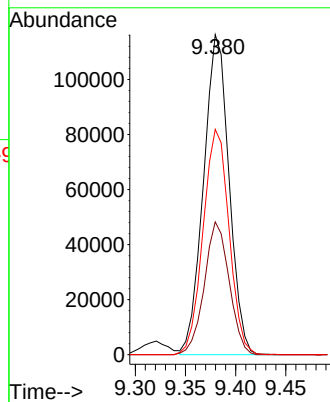
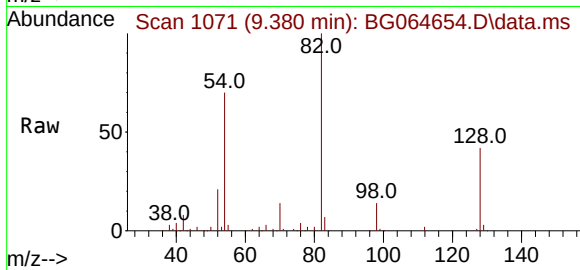
Tgt Ion: 82 Resp: 205739

Ion Ratio Lower Upper

82 100

128 41.5 31.3 46.9

54 70.4 56.6 84.8



#24

Nitrobenzene

Concen: 48.433 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

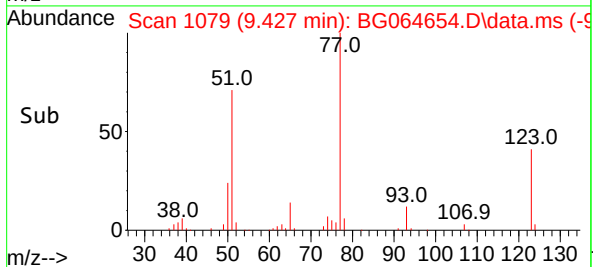
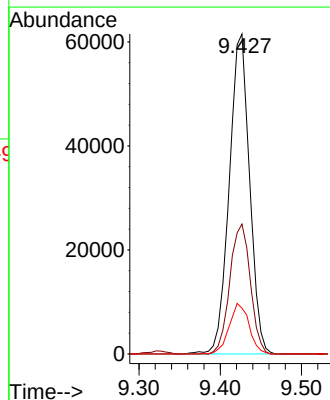
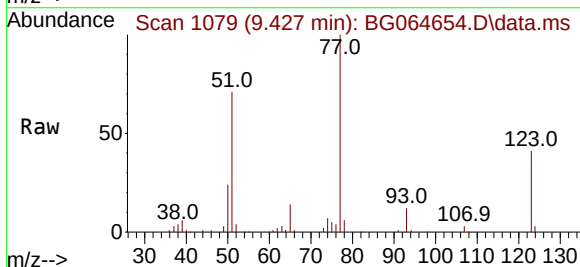
Tgt Ion: 77 Resp: 106834

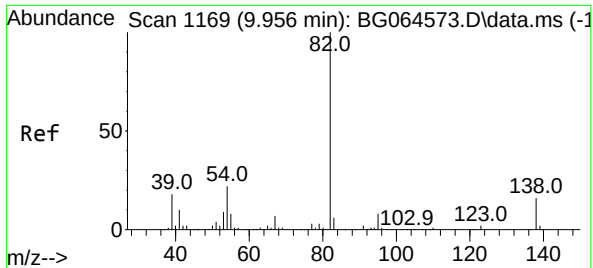
Ion Ratio Lower Upper

77 100

123 40.6 31.0 46.6

65 14.3 12.7 19.1

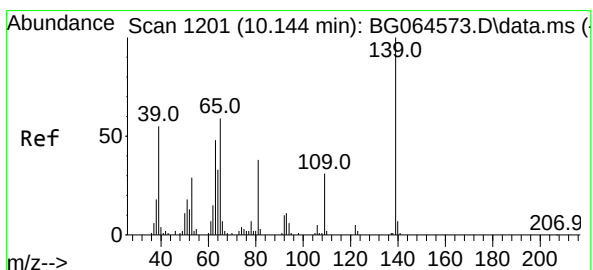
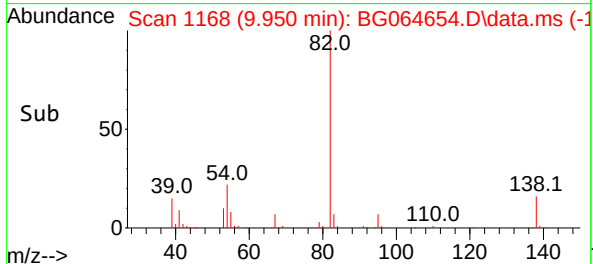
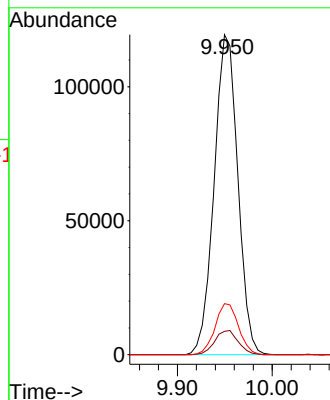
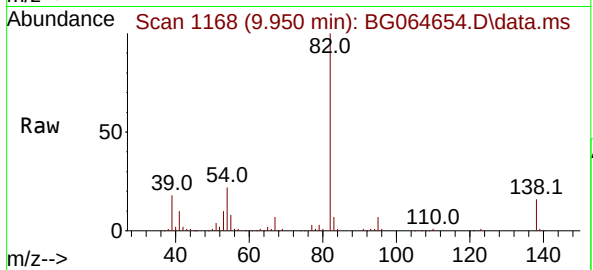




#25
Isophorone
Concen: 42.559 ng
RT: 9.950 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

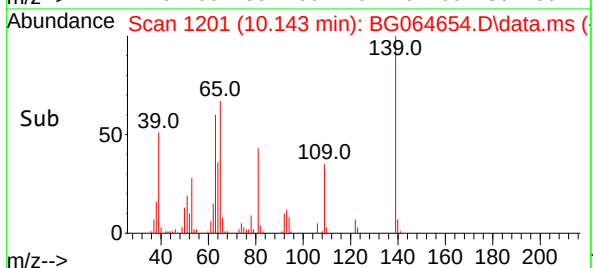
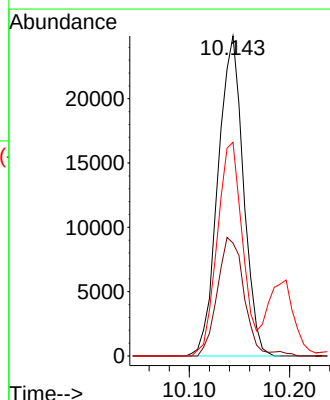
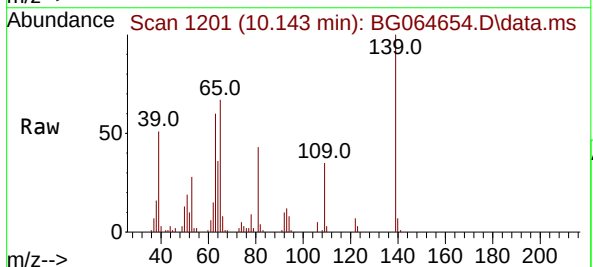
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

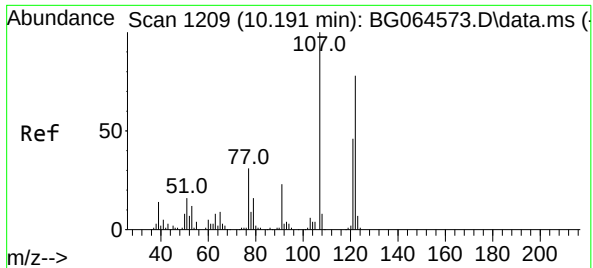
Tgt Ion: 82 Resp: 207109
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 15.9 13.0 19.4



#26
2-Nitrophenol
Concen: 50.996 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion: 139 Resp: 43580
Ion Ratio Lower Upper
139 100
109 35.3 24.6 37.0
65 66.8 47.5 71.3

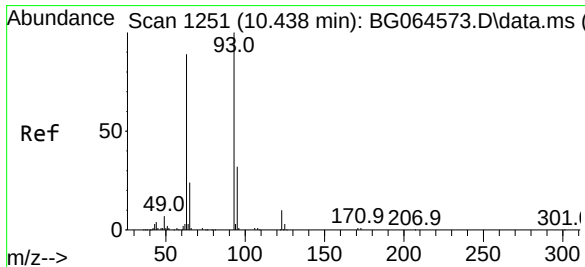
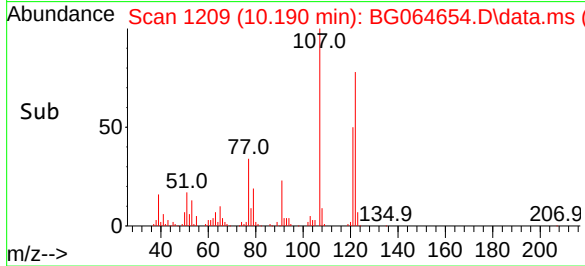
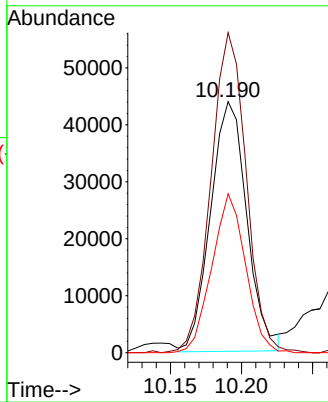
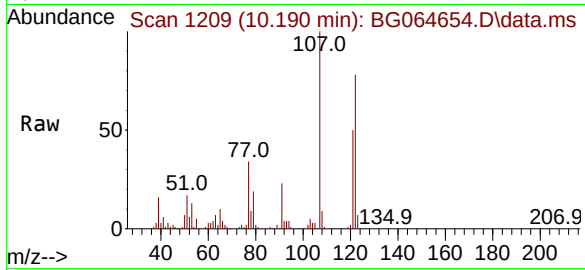




#27
2,4-Dimethylphenol
Concen: 43.051 ng
RT: 10.190 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

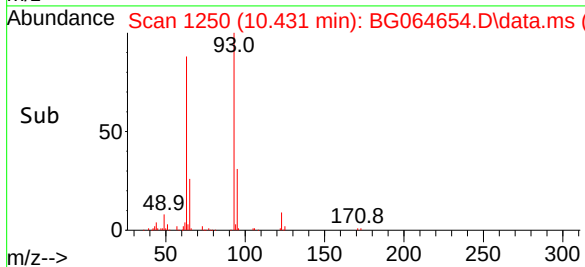
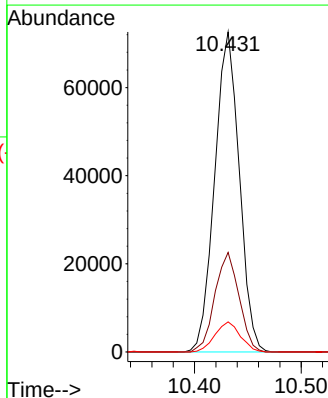
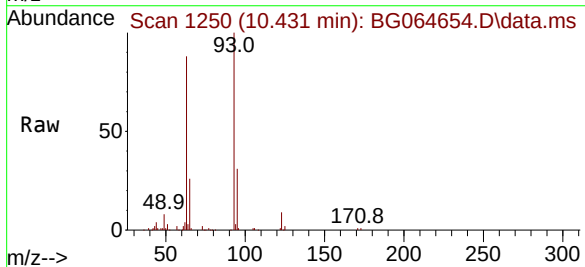
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

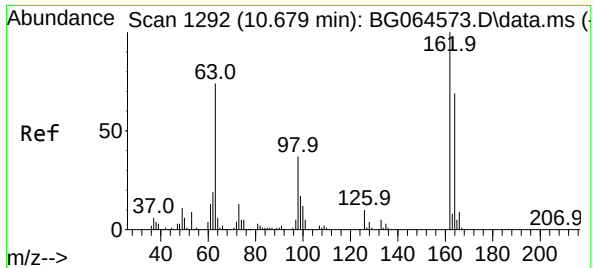
Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.5	103.0	154.4
121	63.3	47.8	71.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.876 ng
RT: 10.431 min Scan# 1250
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.4	38.2
123	9.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 46.132 ng

RT: 10.678 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

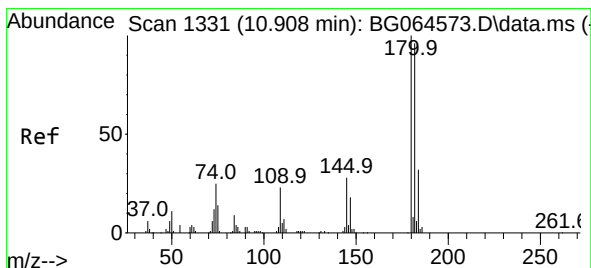
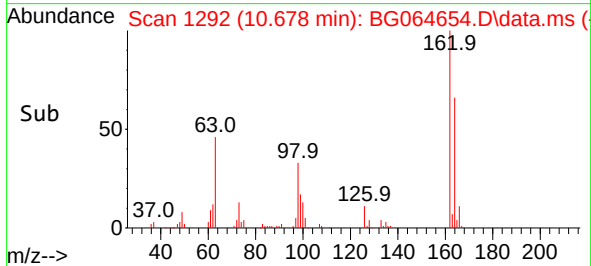
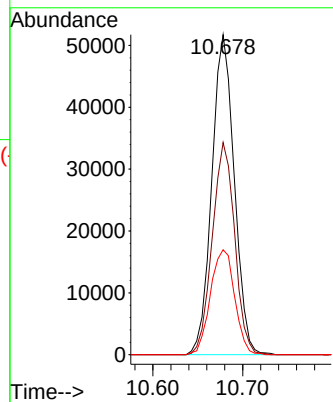
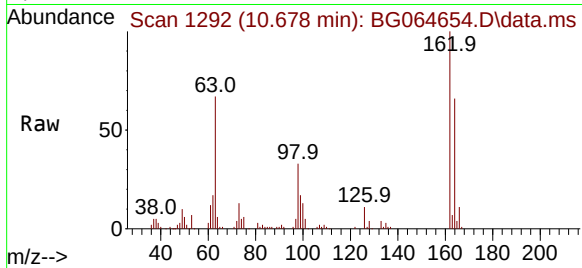
Tgt Ion:162 Resp: 89869

Ion Ratio Lower Upper

162 100

164 66.3 48.7 88.7

98 32.8 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 43.070 ng

RT: 10.901 min Scan# 1330

Delta R.T. -0.007 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

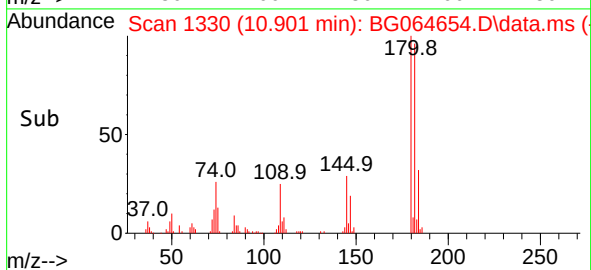
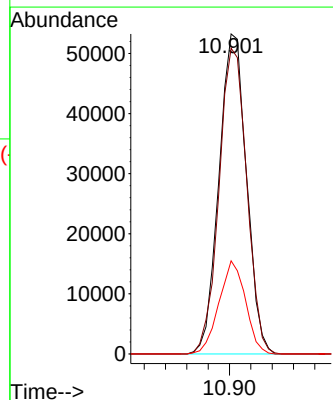
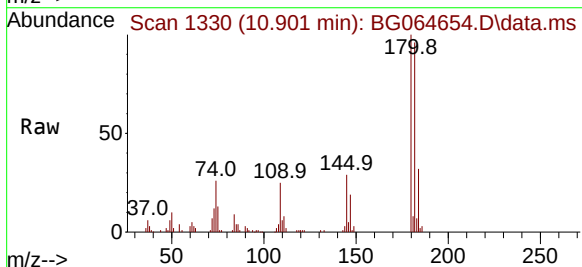
Tgt Ion:180 Resp: 95331

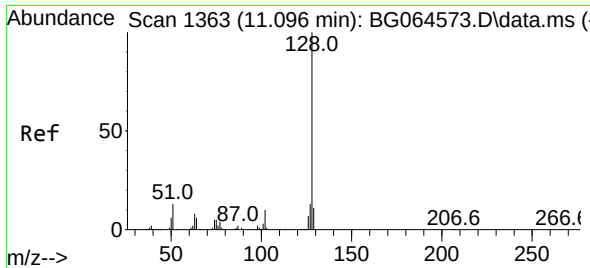
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

145 29.1 22.1 33.1

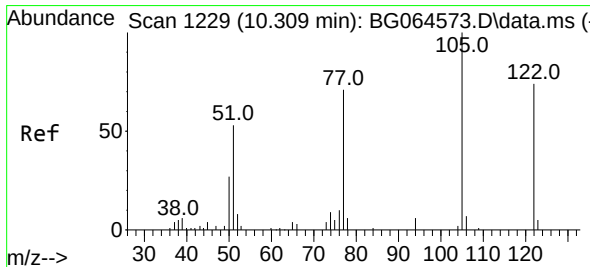
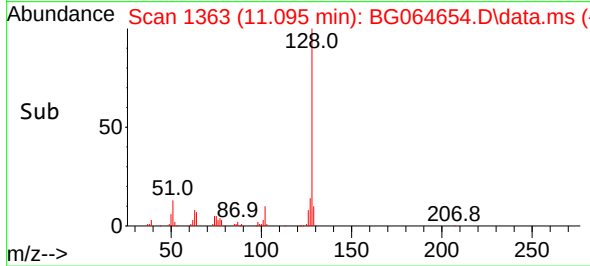
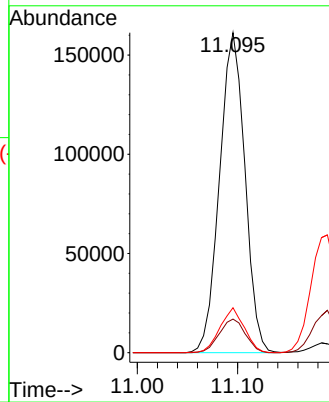
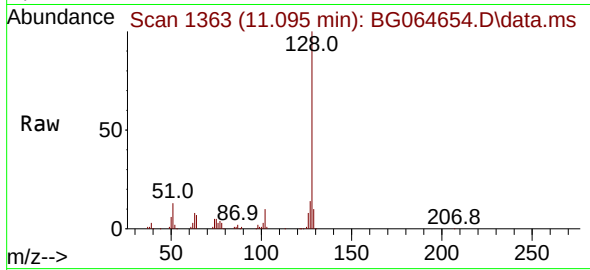




#31
Naphthalene
Concen: 41.902 ng
RT: 11.095 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

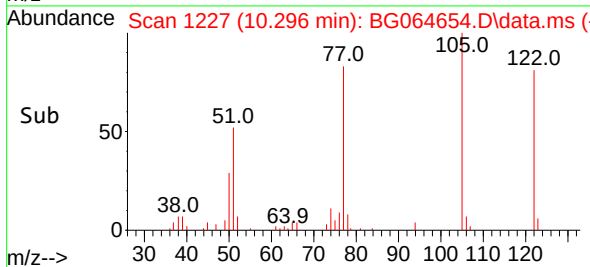
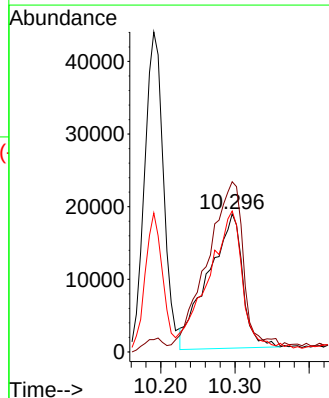
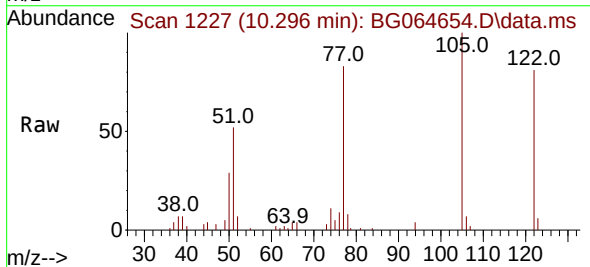
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

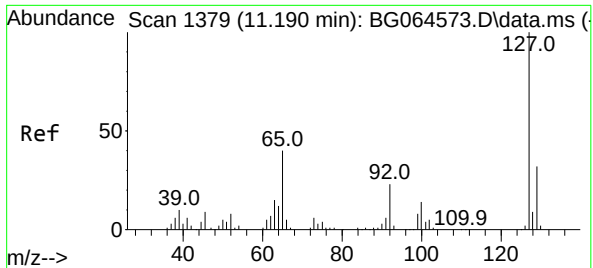
Tgt Ion:128 Resp: 282988
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 14.0 10.6 15.8



#32
Benzoic acid
Concen: 43.506 ng
RT: 10.296 min Scan# 1227
Delta R.T. -0.013 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:122 Resp: 59106
Ion Ratio Lower Upper
122 100
105 123.2 104.2 144.2
77 102.1 70.2 110.2





#33

4-Chloroaniline

Concen: 42.073 ng

RT: 11.189 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 110439

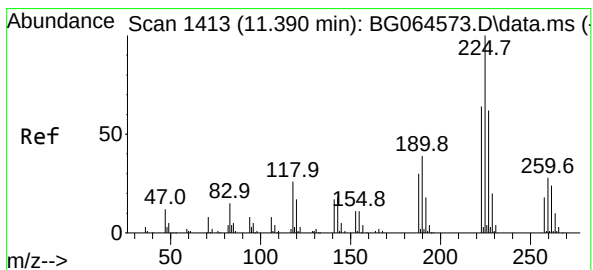
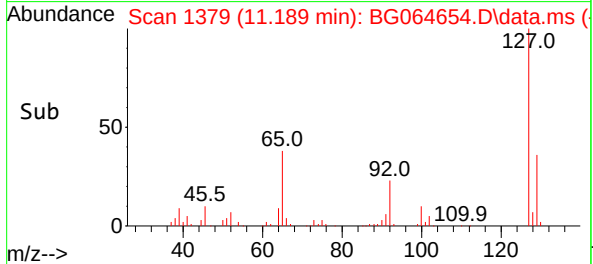
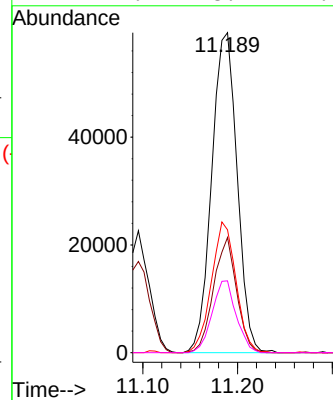
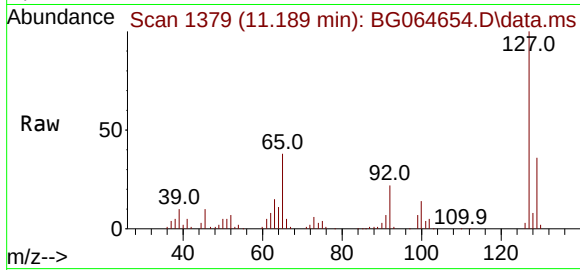
Ion Ratio Lower Upper

127 100

129 36.0 25.5 38.3

65 38.4 32.2 48.4

92 22.4 18.2 27.2



#34

Hexachlorobutadiene

Concen: 43.856 ng

RT: 11.383 min Scan# 1412

Delta R.T. -0.007 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

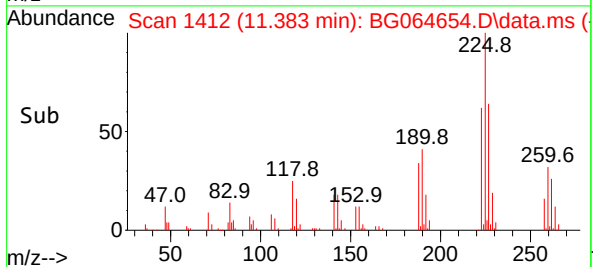
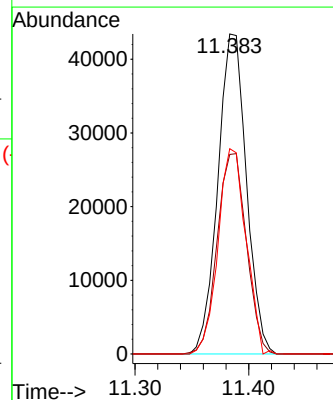
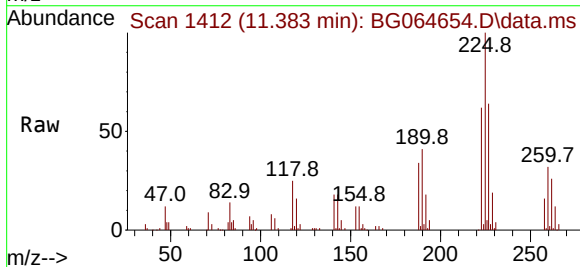
Tgt Ion:225 Resp: 75914

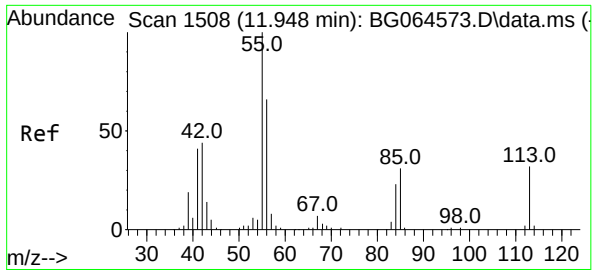
Ion Ratio Lower Upper

225 100

223 62.4 48.8 73.2

227 64.1 49.5 74.3

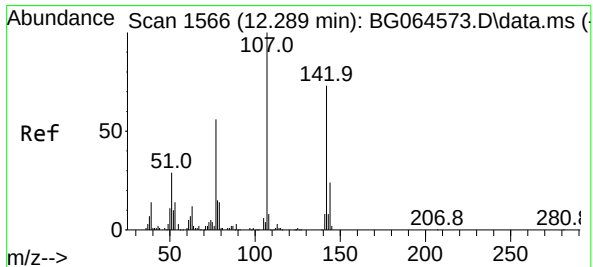
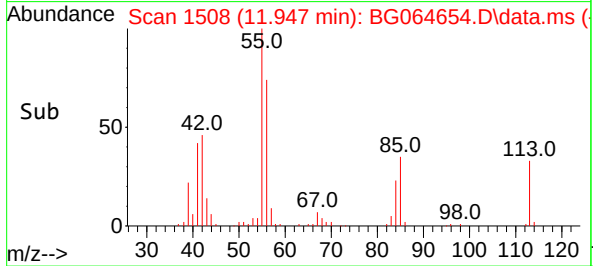
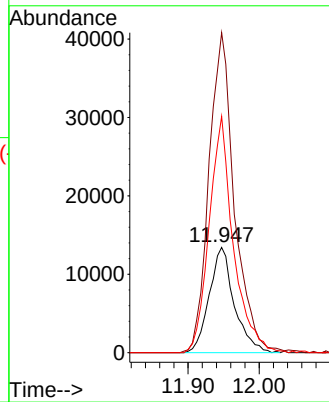
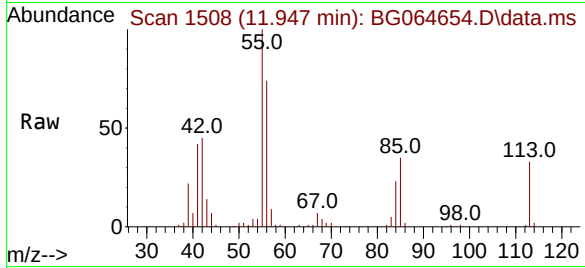




#35
Caprolactam
Concen: 44.014 ng
RT: 11.947 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

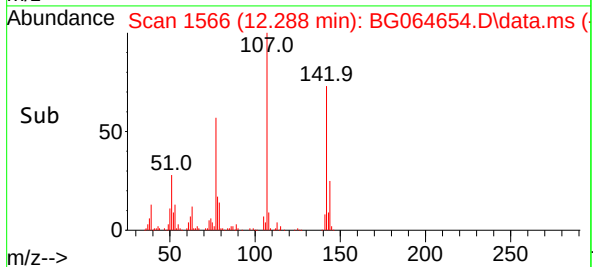
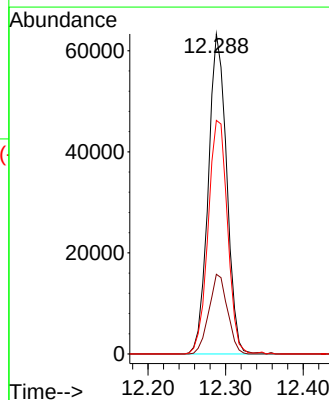
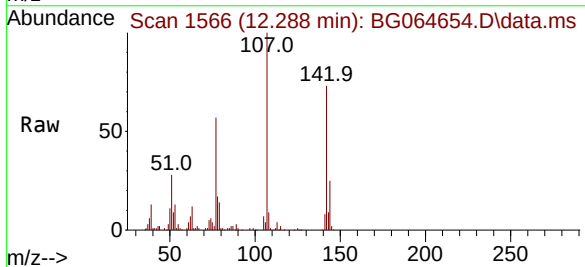
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

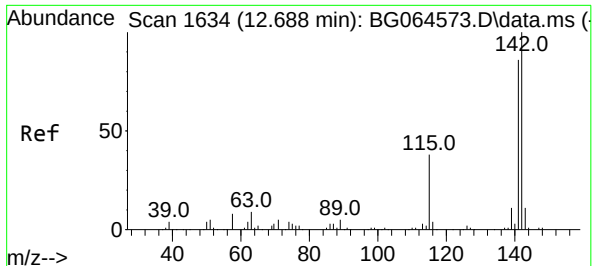
Tgt Ion	Ratio	Lower	Upper
113	100		
55	303.8	290.1	330.1
56	224.4	183.8	223.8



#36
4-Chloro-3-methylphenol
Concen: 44.546 ng
RT: 12.288 min Scan# 1566
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.1	28.7
142	73.0	58.6	87.8

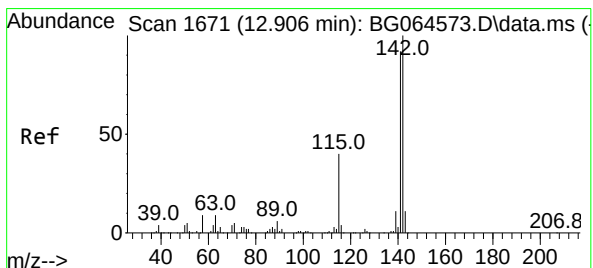
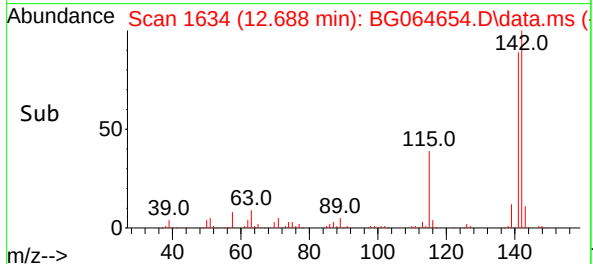
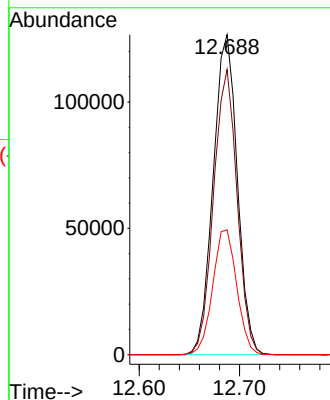
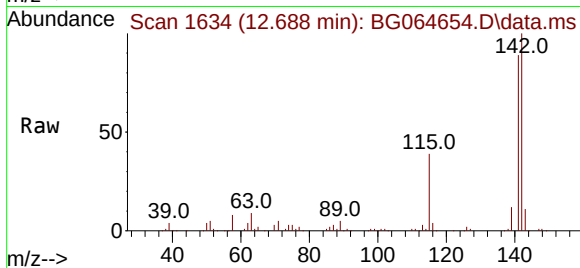




#37
2-Methylnaphthalene
Concen: 42.641 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

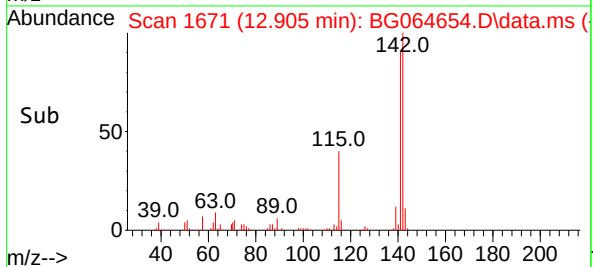
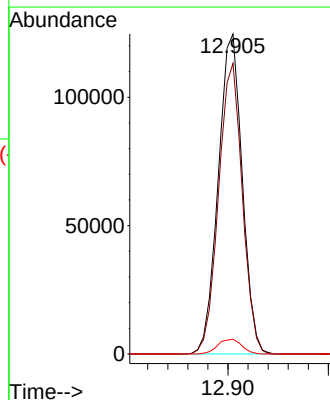
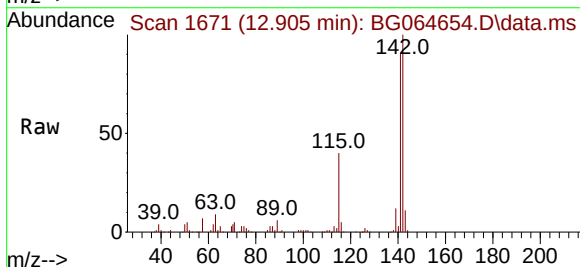
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

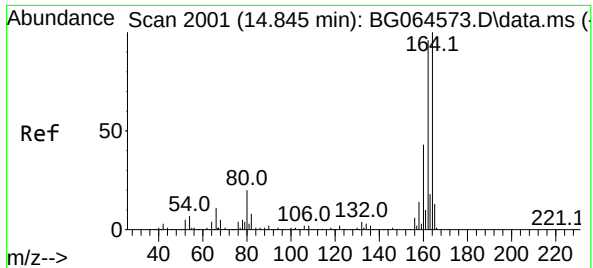
Tgt Ion:142 Resp: 211429
Ion Ratio Lower Upper
142 100
141 89.1 68.9 103.3
115 39.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.113 ng
RT: 12.905 min Scan# 1671
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:142 Resp: 206713
Ion Ratio Lower Upper
142 100
141 90.8 73.3 109.9
116 4.6 3.1 4.7

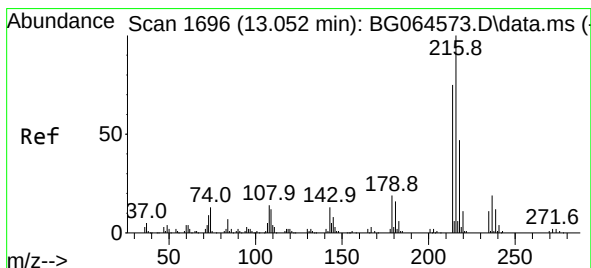
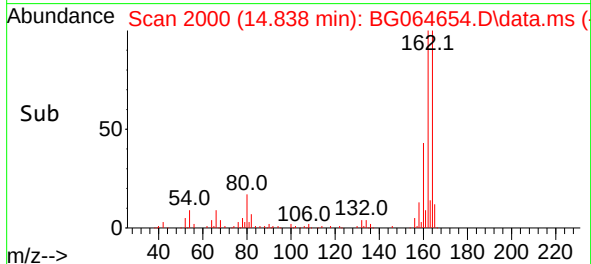
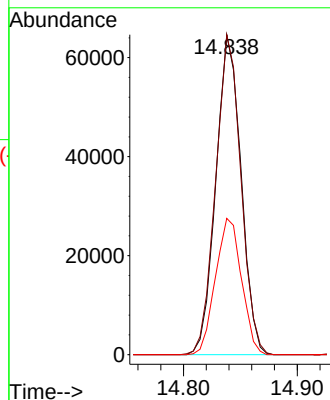
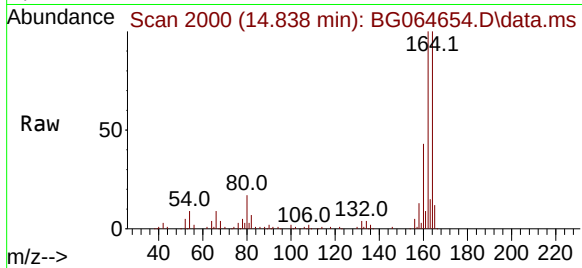




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

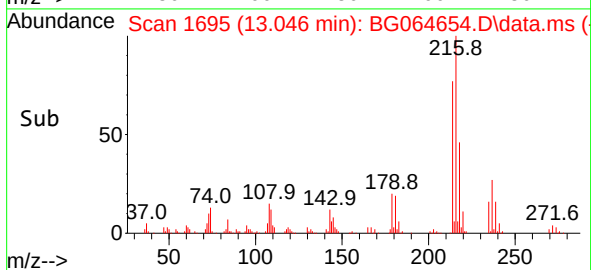
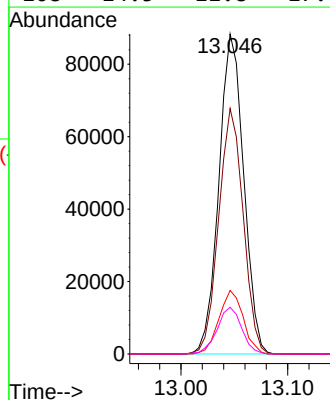
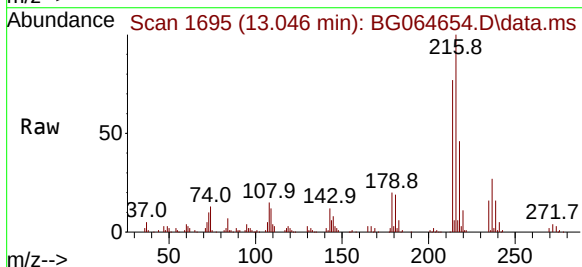
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

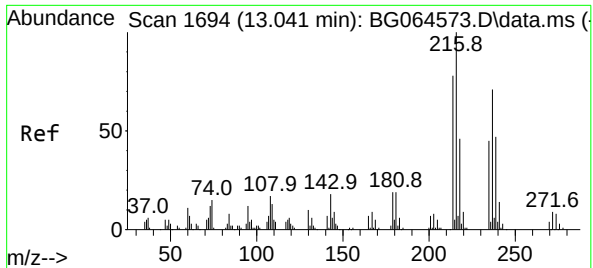
Tgt Ion:	164	Resp:	99146
Ion Ratio	Lower	Upper	
164	100		
162	100.1	77.0	115.6
160	42.7	34.4	51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.781 ng
RT: 13.046 min Scan# 1695
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:	216	Resp:	142351
Ion Ratio	Lower	Upper	
216	100		
214	75.8	61.4	92.2
179	19.4	15.4	23.0
108	14.5	11.8	17.6

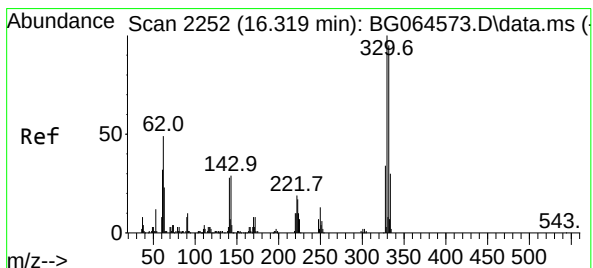
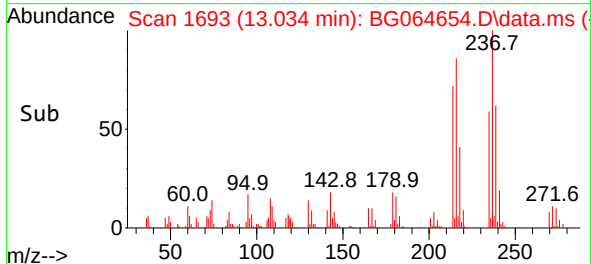
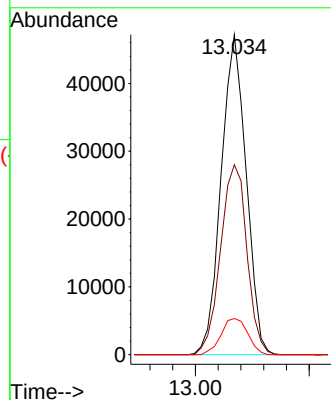
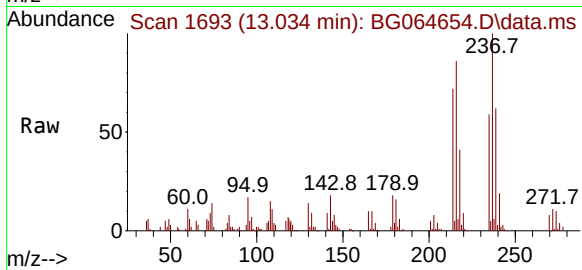




#41
Hexachlorocyclopentadiene
Concen: 48.153 ng
RT: 13.034 min Scan# 1693
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

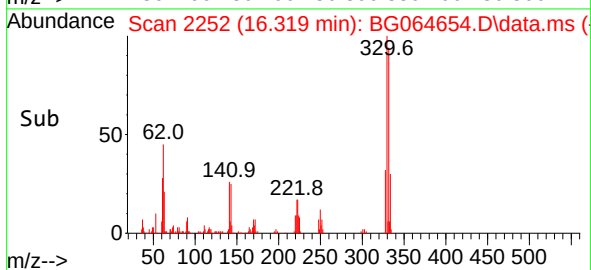
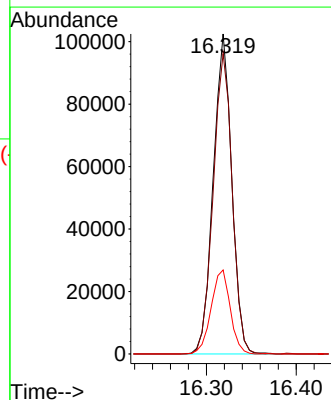
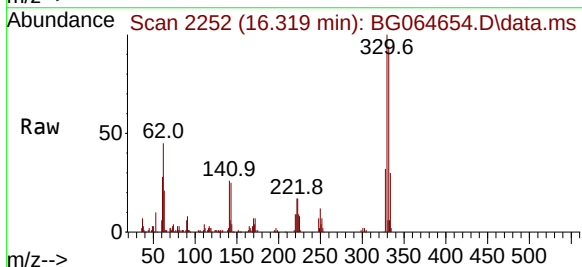
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

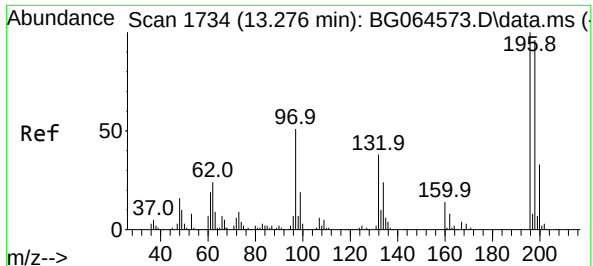
Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.4	44.1	84.1
272	11.3	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 102.353 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	27.1	21.8	32.6





#43

2,4,6-Trichlorophenol

Concen: 48.476 ng

RT: 13.275 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

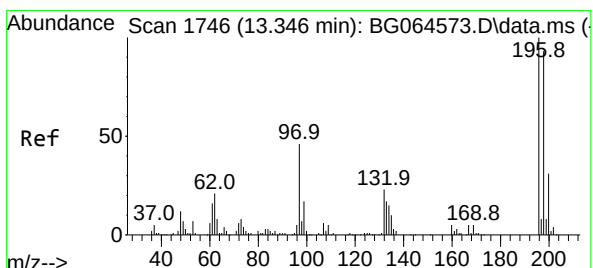
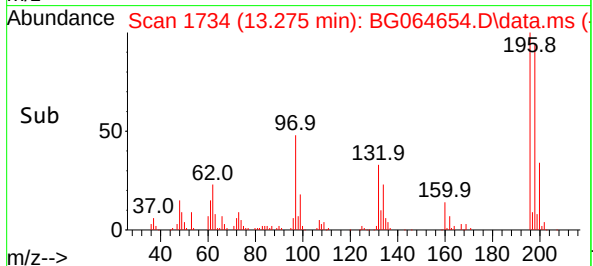
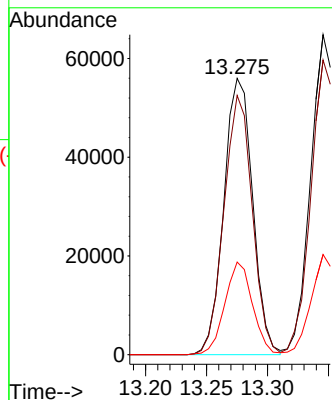
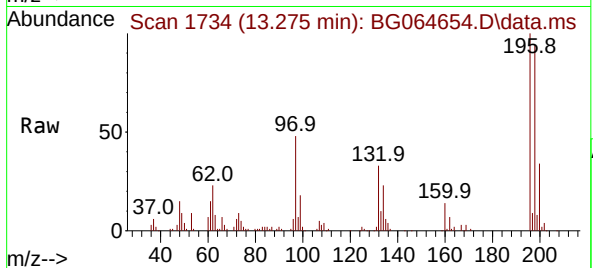
Tgt Ion:196 Resp: 92265

Ion Ratio Lower Upper

196 100

198 93.8 76.6 115.0

200 33.5 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 46.620 ng

RT: 13.346 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Tgt Ion:196 Resp: 102397

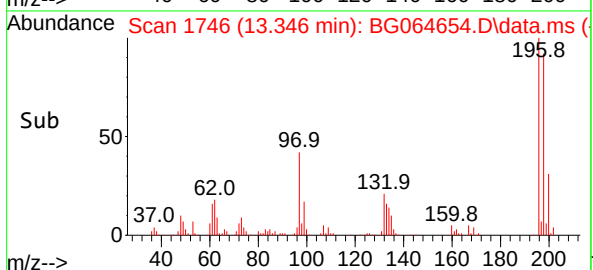
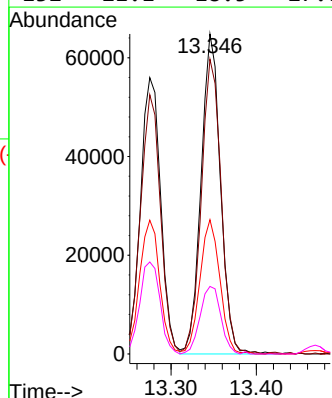
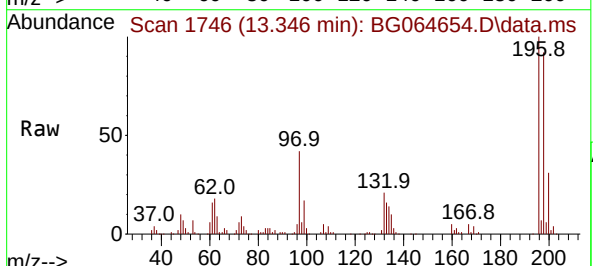
Ion Ratio Lower Upper

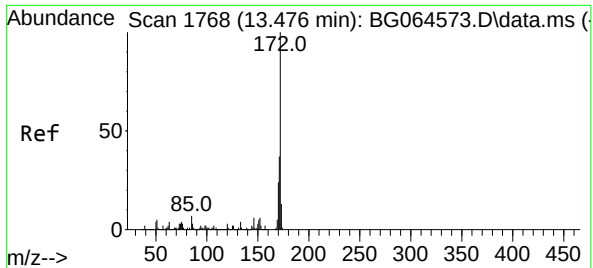
196 100

198 92.1 74.2 111.4

97 42.0 37.0 55.6

132 21.1 18.5 27.7



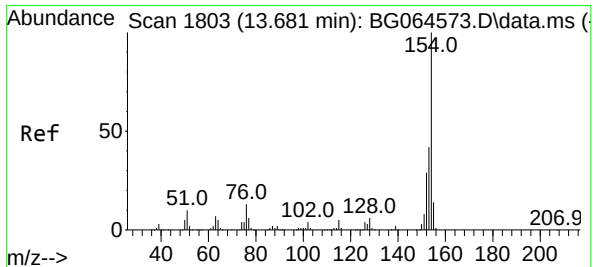
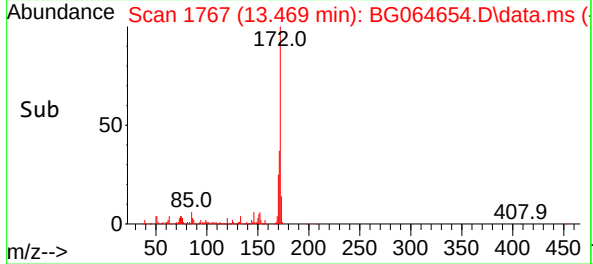
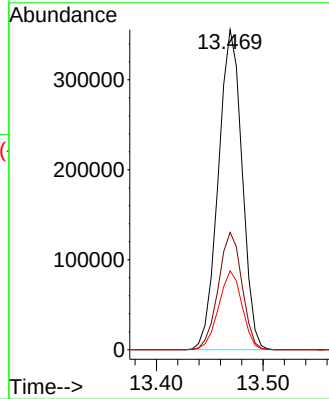
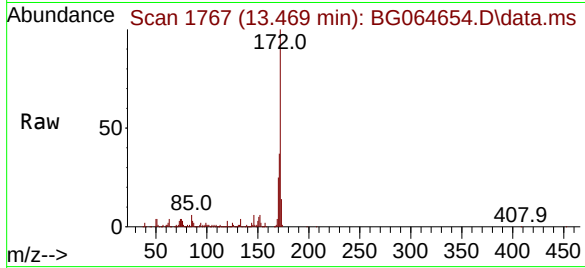


#45
2-Fluorobiphenyl
Concen: 84.147 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 550409

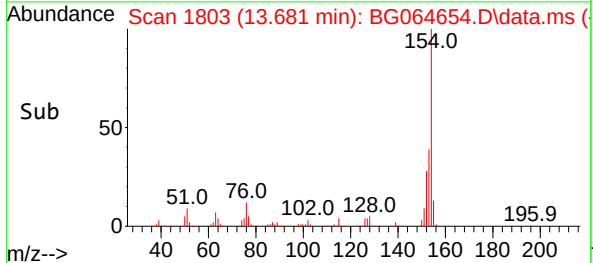
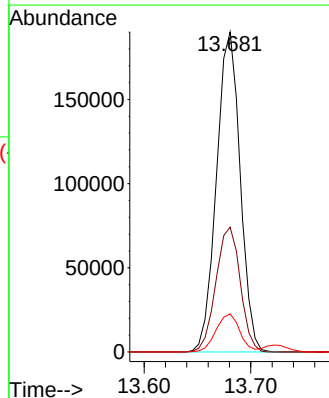
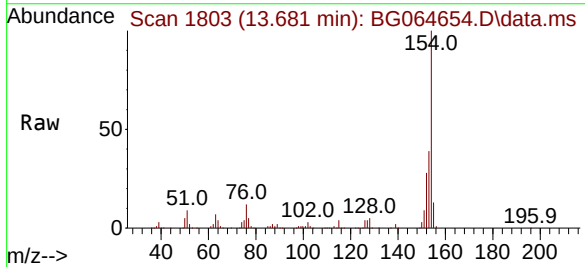
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	19.1	28.7

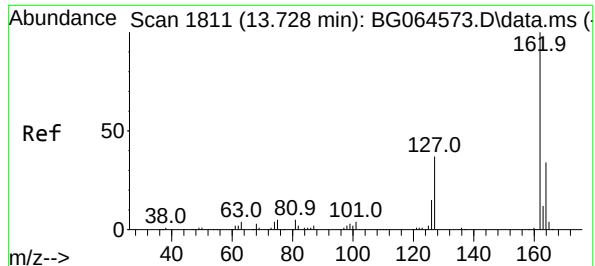


#46
1,1'-Biphenyl
Concen: 41.458 ng
RT: 13.681 min Scan# 1803
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:154 Resp: 292218

Ion	Ratio	Lower	Upper
154	100		
153	39.0	22.4	62.4
76	11.9	0.0	33.5





#47

2-Chloronaphthalene

Concen: 41.677 ng

RT: 13.722 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

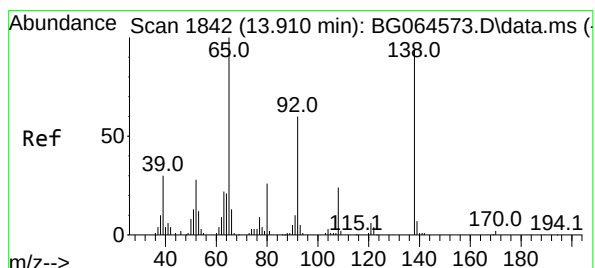
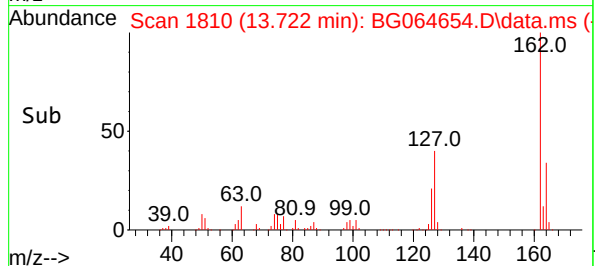
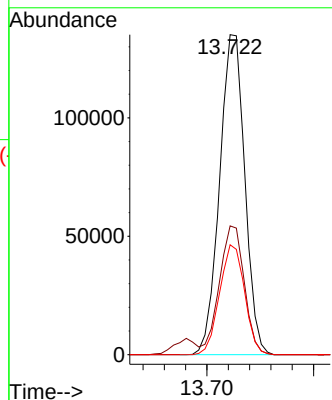
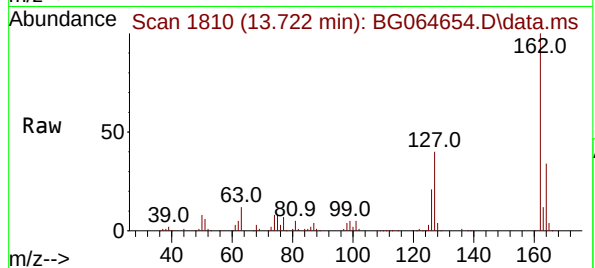
Tgt Ion:162 Resp: 221744

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

164 34.4 27.5 41.3



#48

2-Nitroaniline

Concen: 46.901 ng

RT: 13.910 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

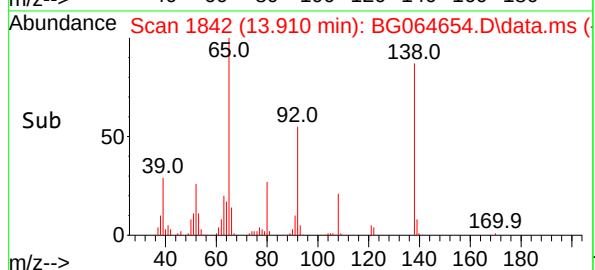
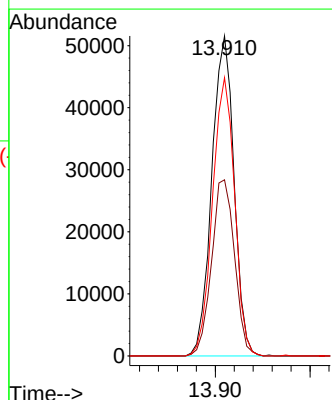
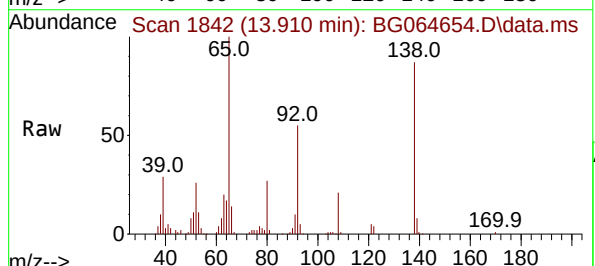
Tgt Ion: 65 Resp: 83630

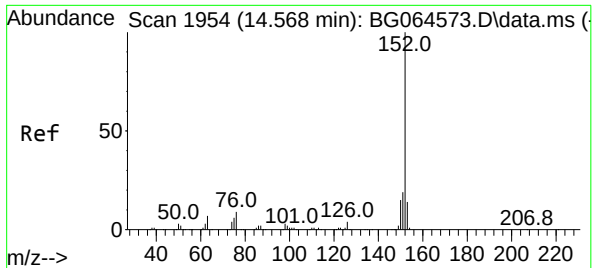
Ion Ratio Lower Upper

65 100

92 55.1 48.3 72.5

138 86.9 74.9 112.3

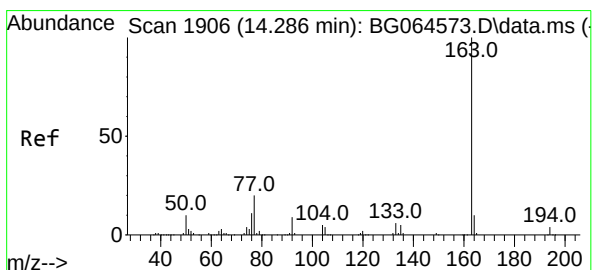
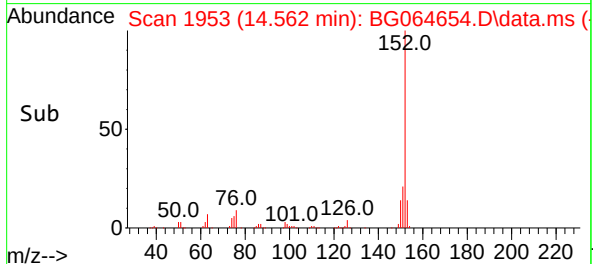
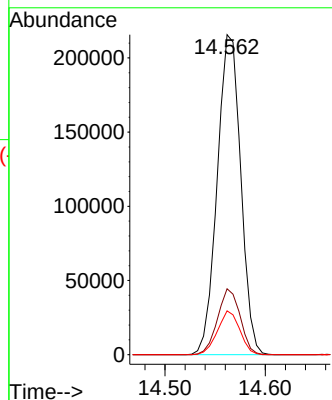
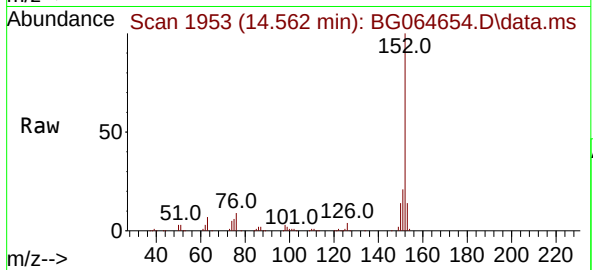




#49
Acenaphthylene
Concen: 41.810 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

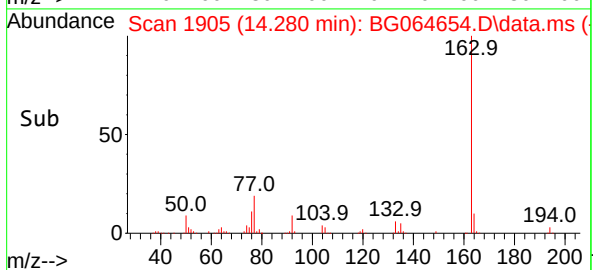
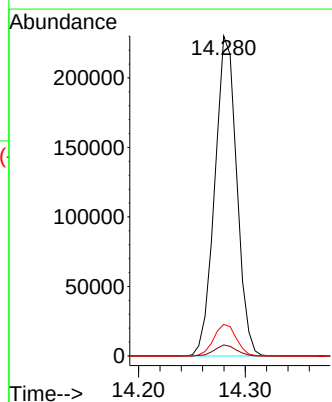
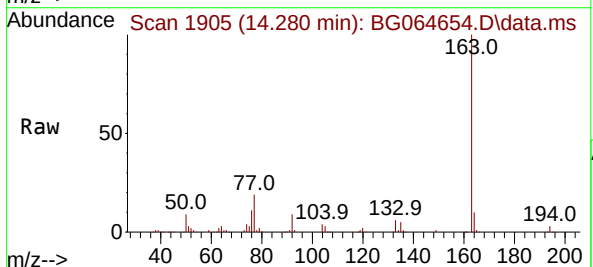
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

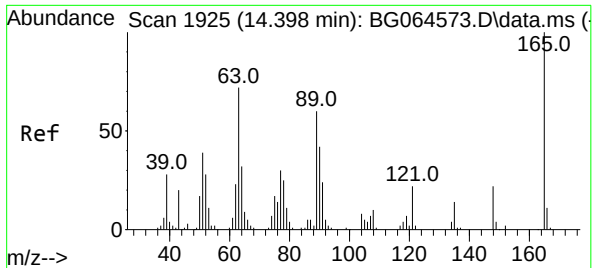
Tgt Ion:152 Resp: 350872
Ion Ratio Lower Upper
152 100
151 20.6 15.4 23.2
153 13.7 11.0 16.4



#50
Dimethylphthalate
Concen: 43.311 ng
RT: 14.280 min Scan# 1905
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:163 Resp: 328584
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.8 7.7 11.5

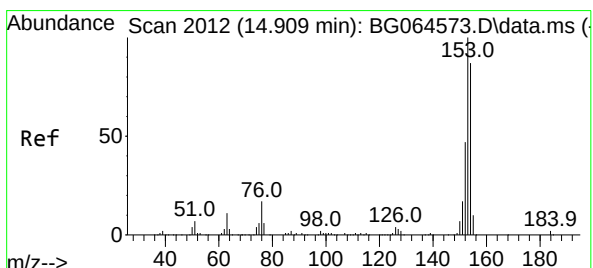
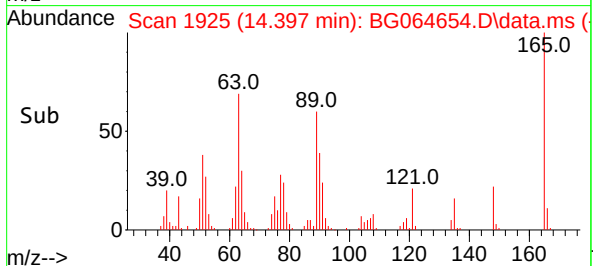
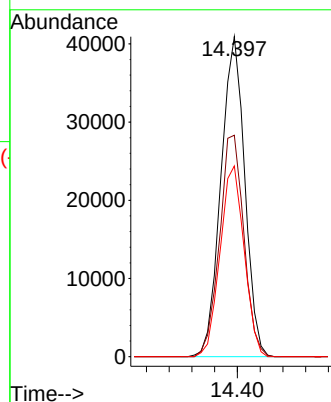
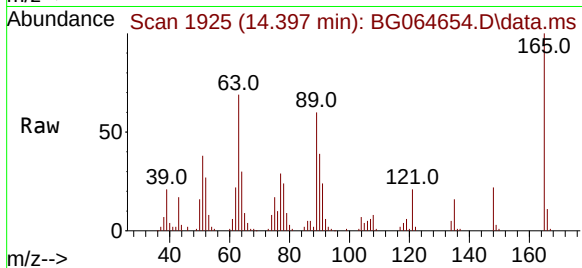




#51
2,6-Dinitrotoluene
Concen: 47.570 ng
RT: 14.397 min Scan# 1925
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

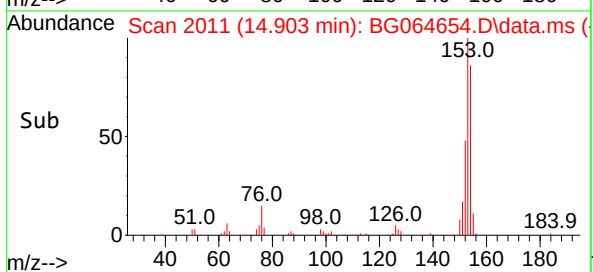
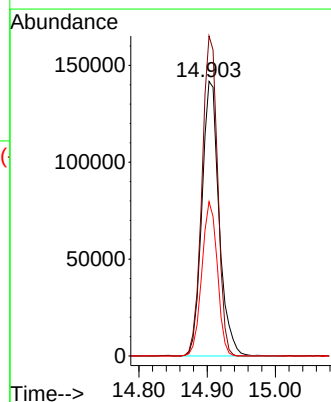
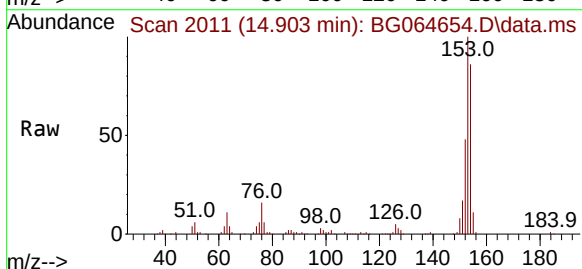
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

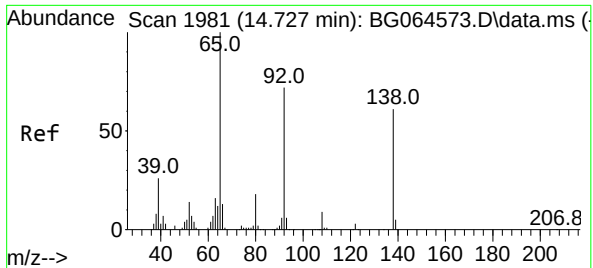
Tgt Ion:165 Resp: 59510
Ion Ratio Lower Upper
165 100
63 69.2 57.4 86.0
89 59.6 47.8 71.8



#52
Acenaphthene
Concen: 43.306 ng
RT: 14.903 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:154 Resp: 248302
Ion Ratio Lower Upper
154 100
153 116.6 92.2 138.4
152 56.2 43.2 64.8

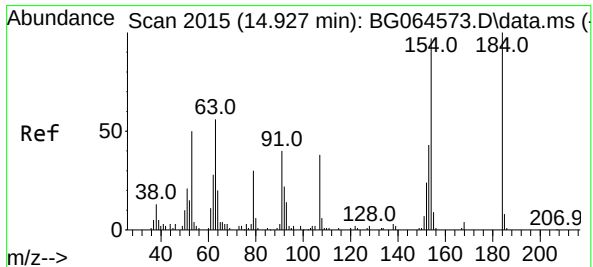
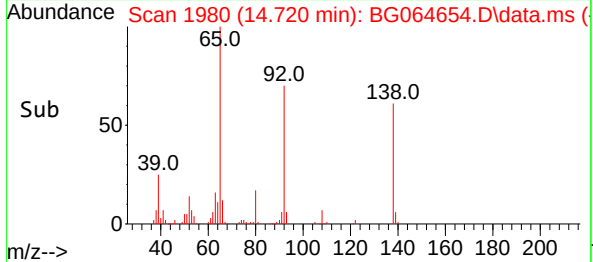
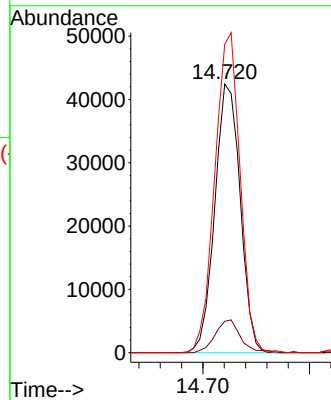
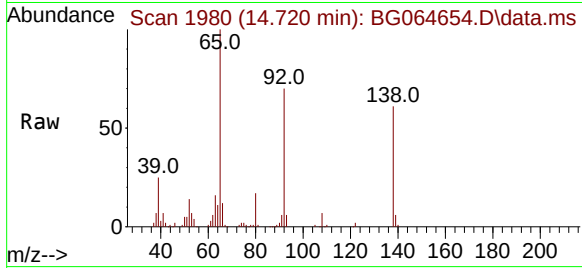




#53
3-Nitroaniline
Concen: 53.795 ng
RT: 14.720 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

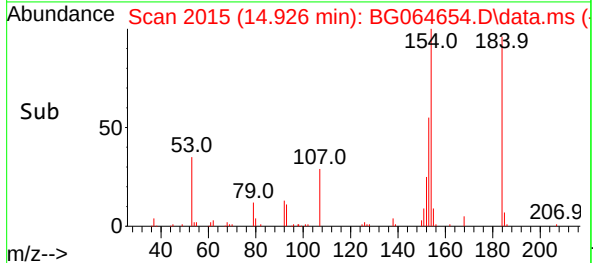
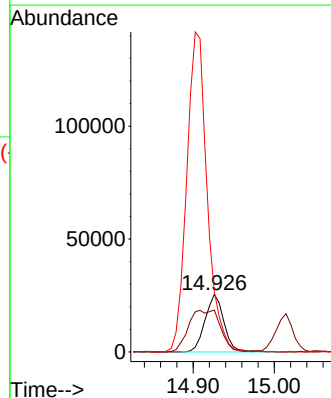
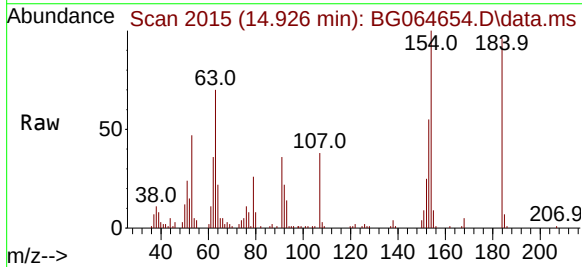
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

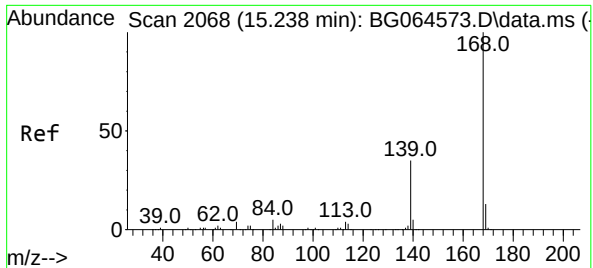
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	11.4	17.0
92	114.8	95.3	142.9



#54
2,4-Dinitrophenol
Concen: 55.180 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.7	56.6	85.0
154	104.4	158.6	238.0#





#55

Dibenzenofuran

Concen: 41.947 ng

RT: 15.238 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

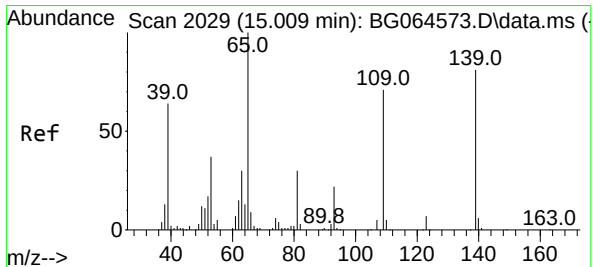
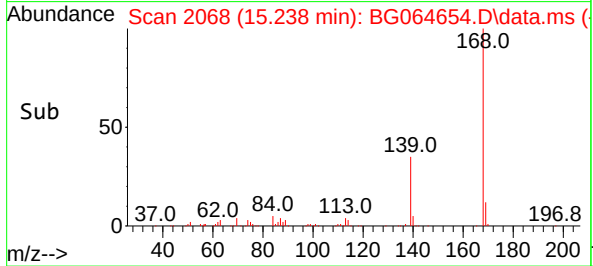
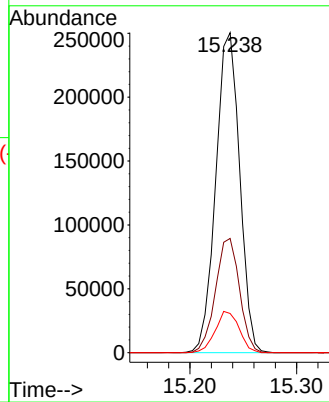
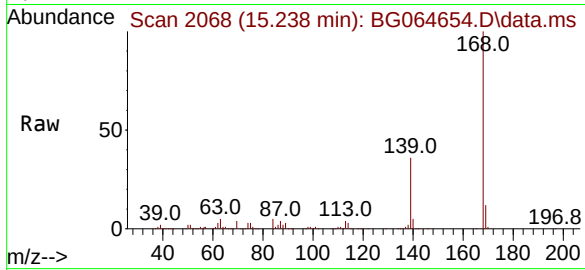
Tgt Ion:168 Resp: 388830

Ion Ratio Lower Upper

168 100

139 35.7 27.8 41.8

169 12.3 10.3 15.5



#56

4-Nitrophenol

Concen: 51.918 ng

RT: 15.014 min Scan# 2030

Delta R.T. 0.005 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

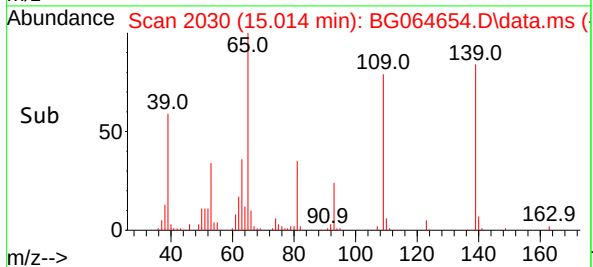
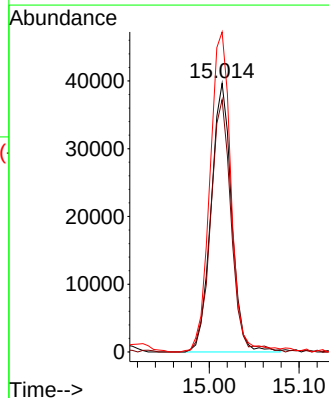
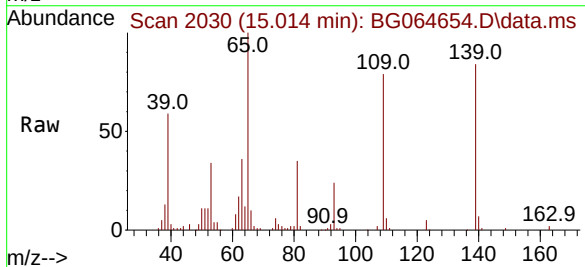
Tgt Ion:139 Resp: 62759

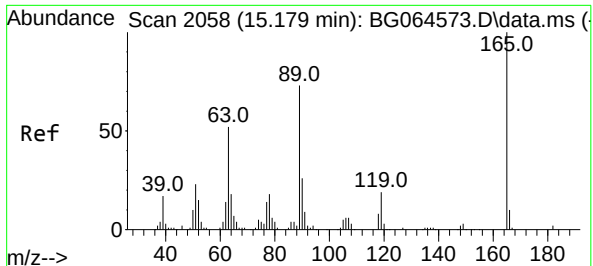
Ion Ratio Lower Upper

139 100

109 93.9 67.8 107.8

65 119.1 103.7 143.7

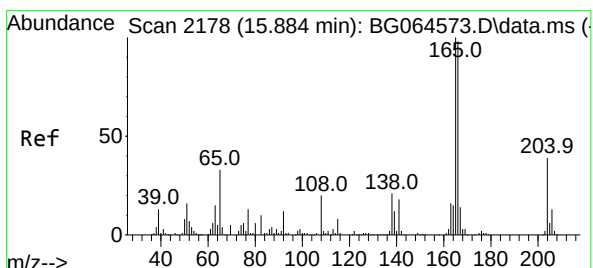
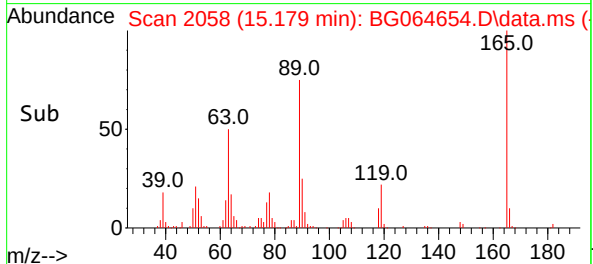
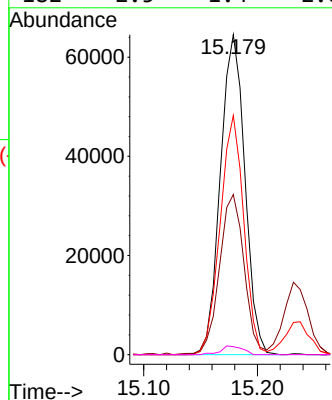
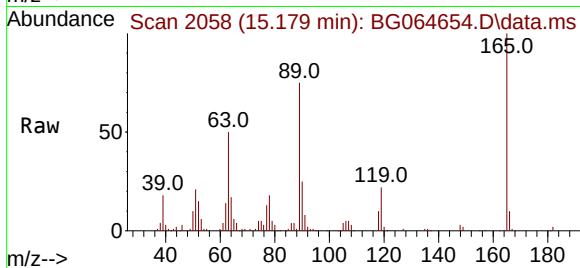




#57
2,4-Dinitrotoluene
Concen: 49.783 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

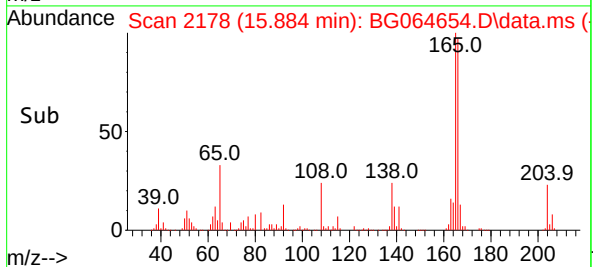
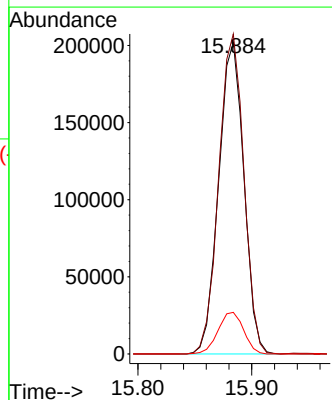
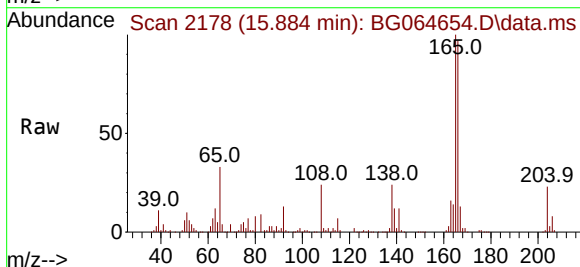
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

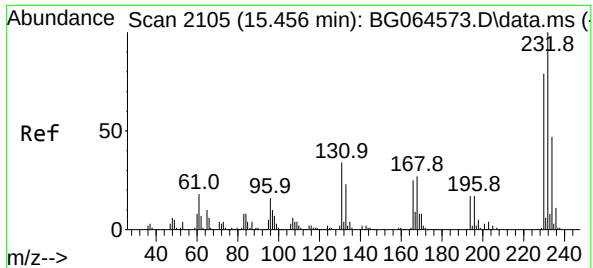
Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	41.8	62.8
89	74.7	58.1	87.1
182	2.5	1.4	2.0



#58
Fluorene
Concen: 42.824 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.5	122.3
167	13.3	11.4	17.0

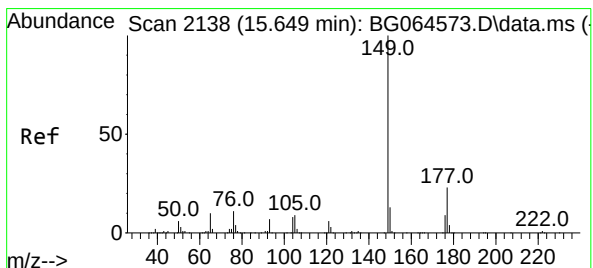
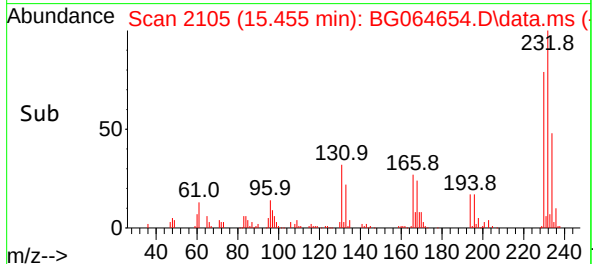
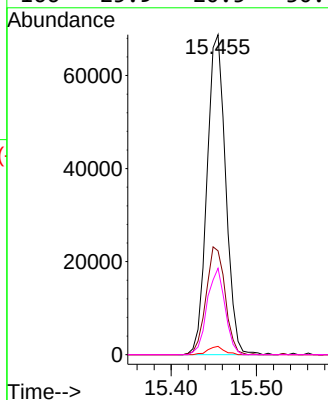
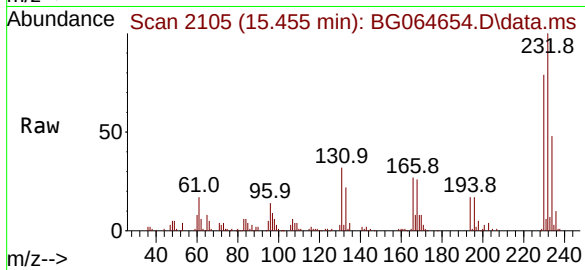




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.820 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

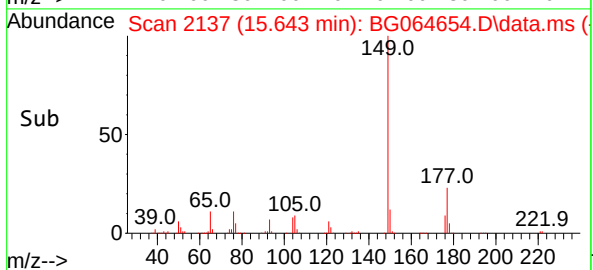
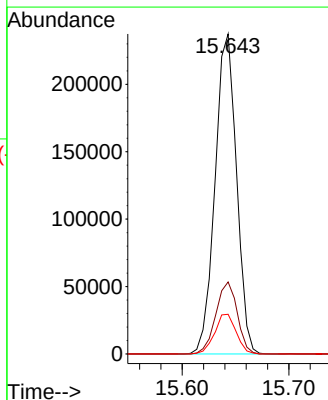
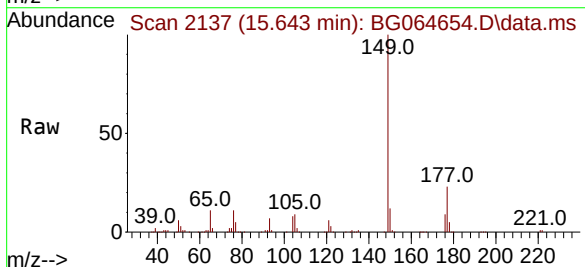
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

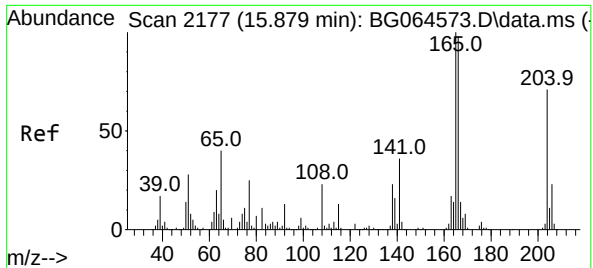
Tgt Ion:232 Resp: 104637
Ion Ratio Lower Upper
232 100
131 34.5 26.7 40.1
130 2.3 1.6 2.4
166 25.9 20.5 30.7



#60
Diethylphthalate
Concen: 42.720 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:149 Resp: 330924
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.4 10.2 15.4

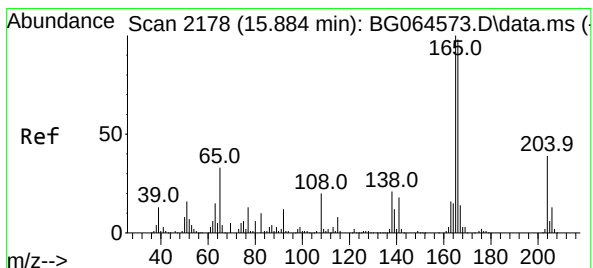
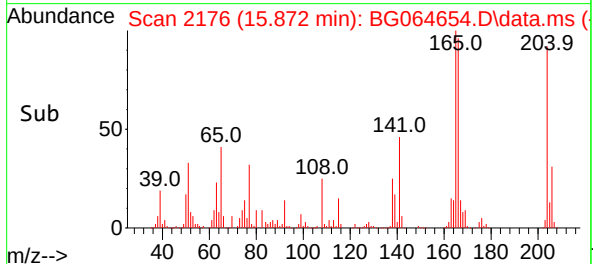
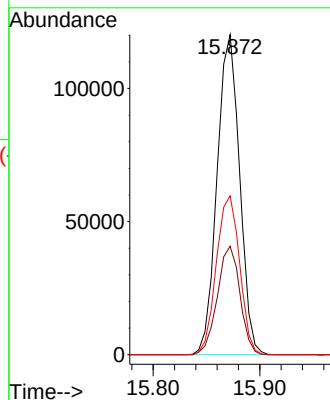
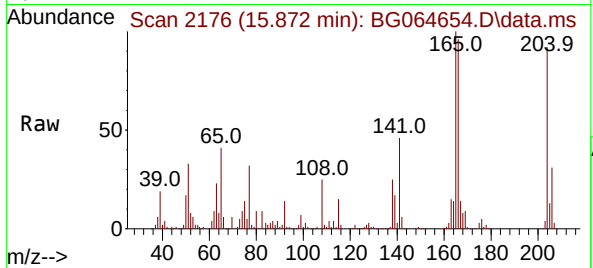




#61
4-Chlorophenyl-phenylether
Concen: 43.354 ng
RT: 15.872 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

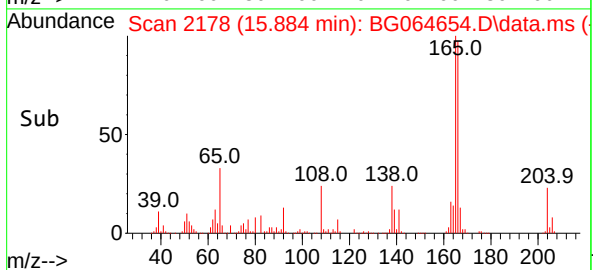
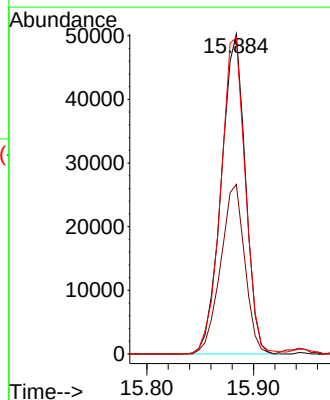
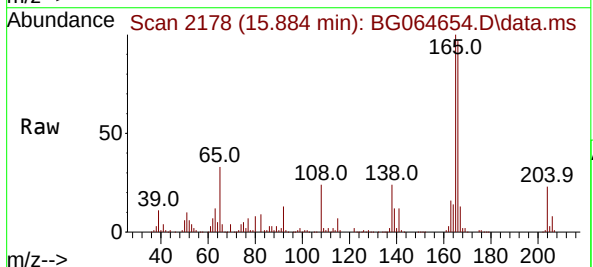
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

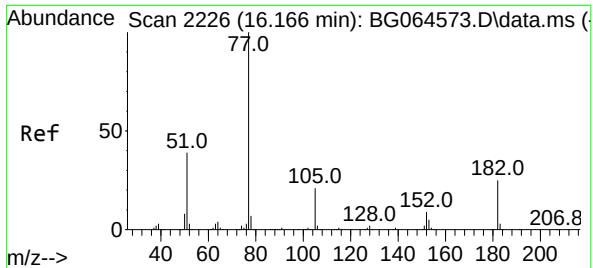
Tgt Ion:204 Resp: 176129
Ion Ratio Lower Upper
204 100
206 33.9 25.6 38.4
141 49.7 40.6 60.8



#62
4-Nitroaniline
Concen: 54.295 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:138 Resp: 78755
Ion Ratio Lower Upper
138 100
92 53.0 36.1 76.1
108 98.9 75.6 115.6

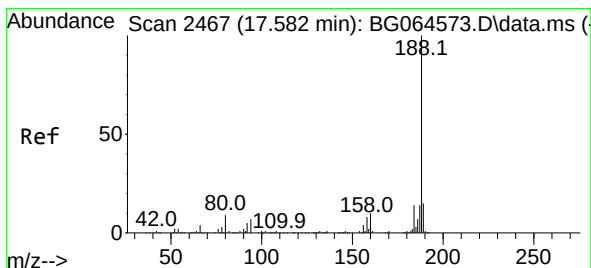
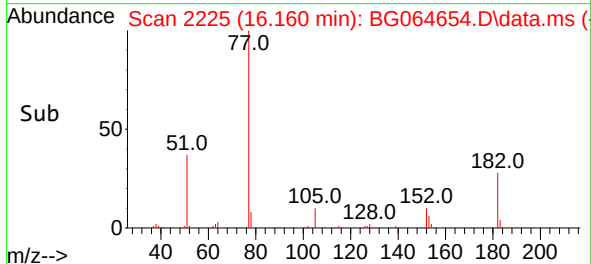
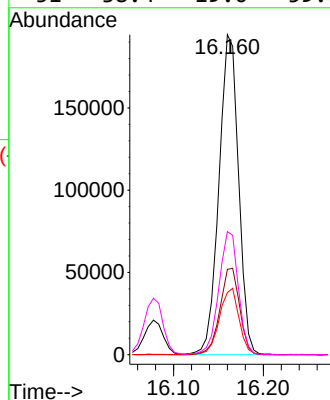
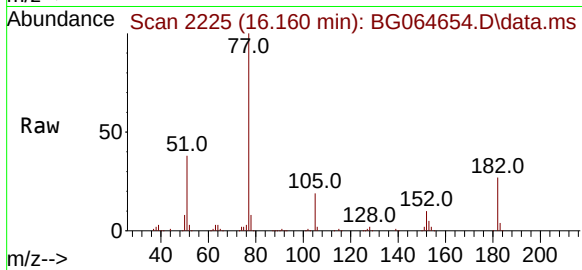




#63
Azobenzene
Concen: 41.508 ng
RT: 16.160 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

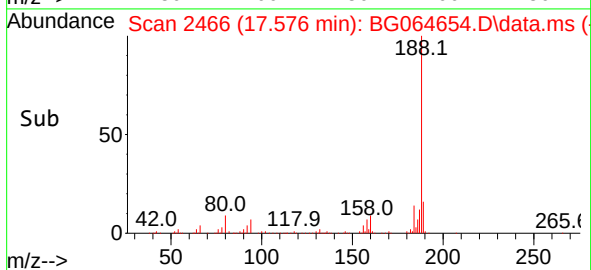
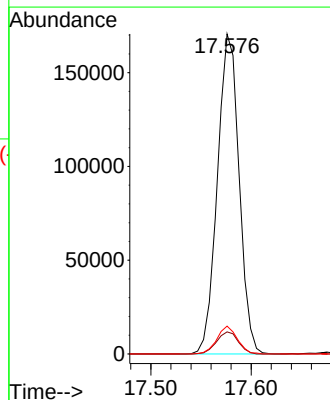
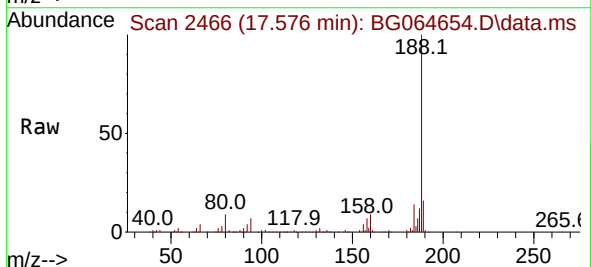
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

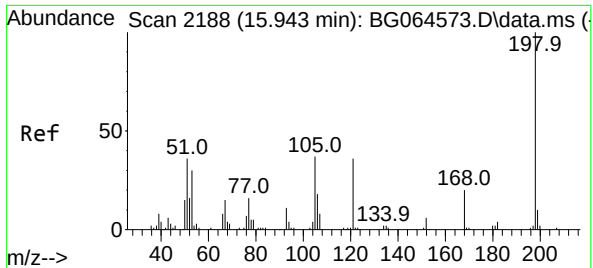
Tgt Ion:	77	Resp:	295018
Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.9	44.9
105	19.4	1.3	41.3
51	38.4	19.0	59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:	188	Resp:	255812
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	8.7	6.8	10.2

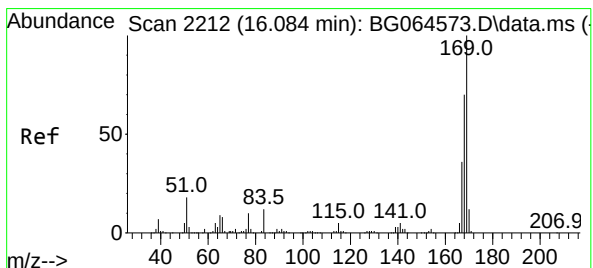
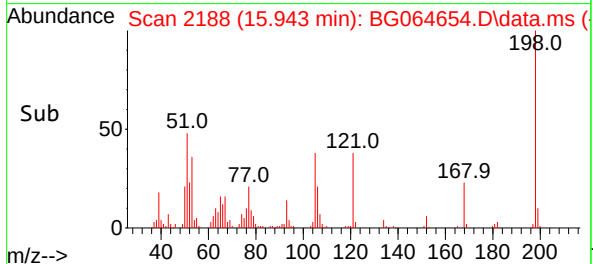
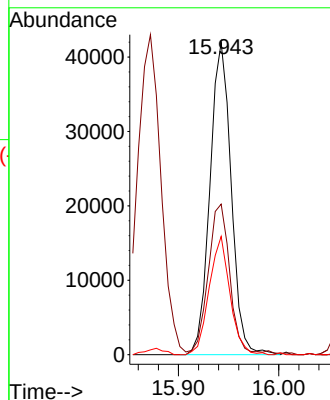
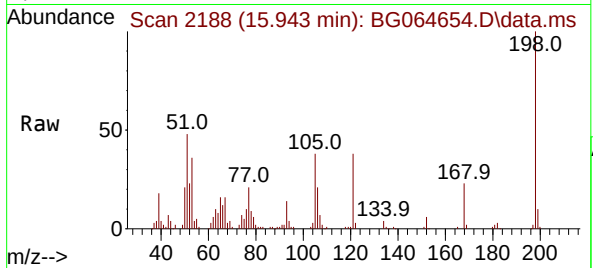




#65
4,6-Dinitro-2-methylphenol
Concen: 54.019 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

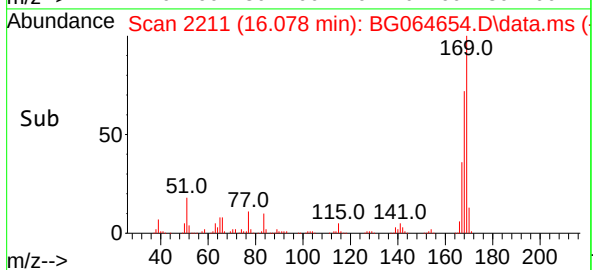
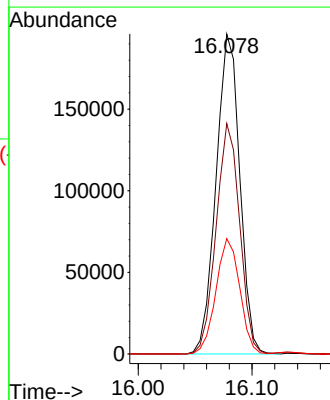
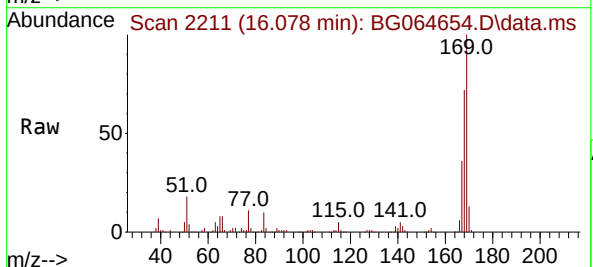
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

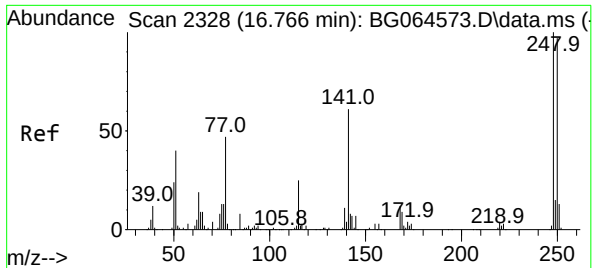
Tgt Ion:198 Resp: 61671
Ion Ratio Lower Upper
198 100
51 48.2 24.7 64.7
105 37.9 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 41.047 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:169 Resp: 283639
Ion Ratio Lower Upper
169 100
168 72.0 56.3 84.5
167 36.0 29.0 43.6

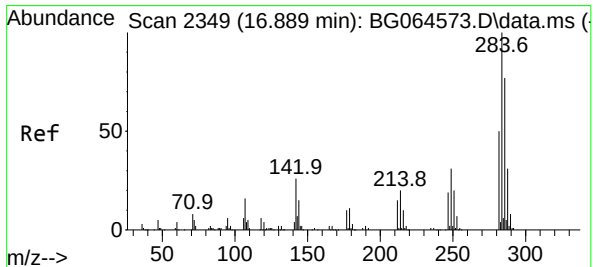
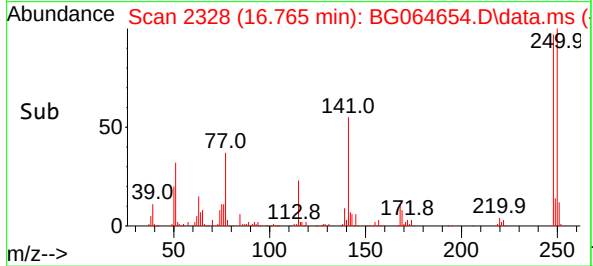
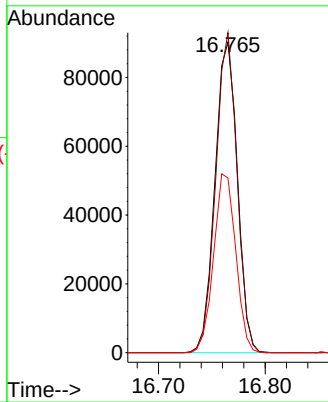
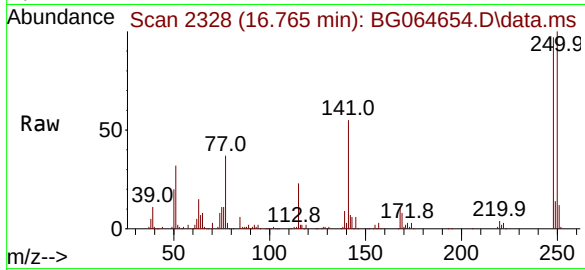




#67
4-Bromophenyl-phenylether
Concen: 43.477 ng
RT: 16.765 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

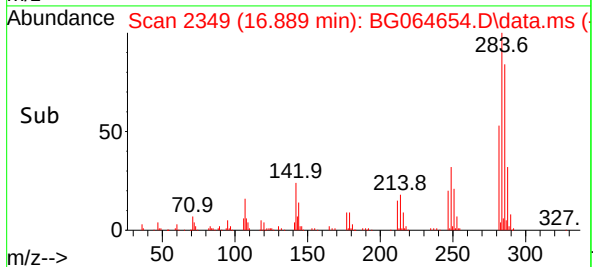
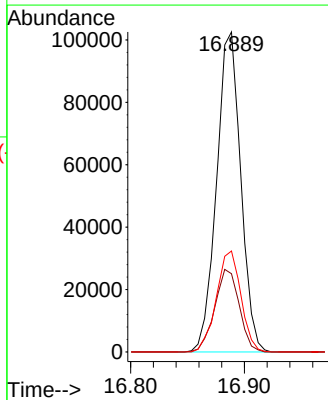
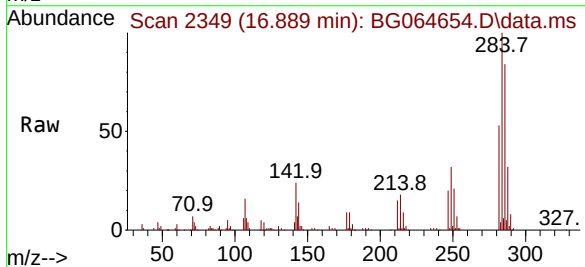
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

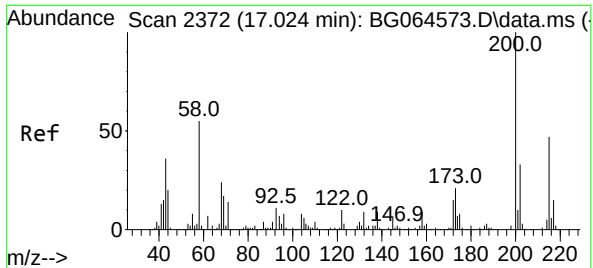
Tgt Ion:248 Resp: 131799
Ion Ratio Lower Upper
248 100
250 103.0 77.7 116.5
141 56.2 48.6 72.8



#68
Hexachlorobenzene
Concen: 43.724 ng
RT: 16.889 min Scan# 2349
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:284 Resp: 151216
Ion Ratio Lower Upper
284 100
142 24.5 21.0 31.6
249 33.8 24.9 37.3

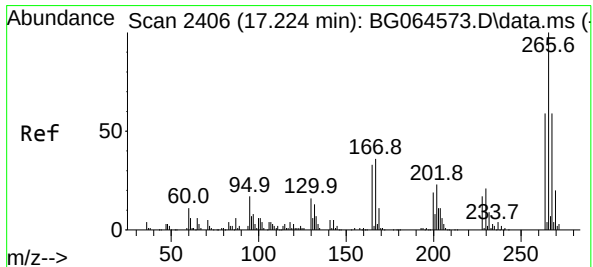
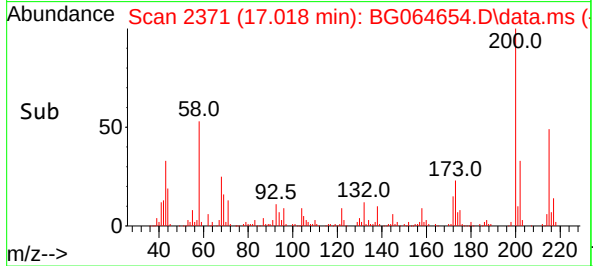
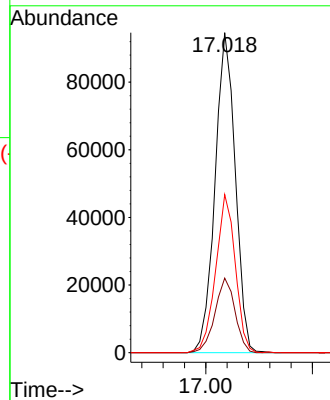
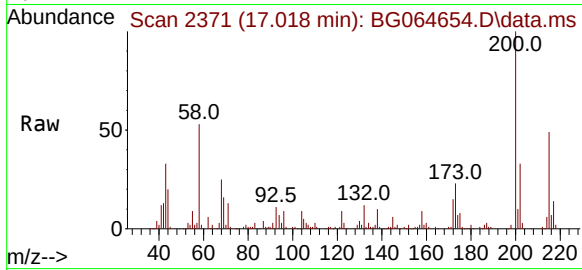




#69
Atrazine
Concen: 41.856 ng
RT: 17.018 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

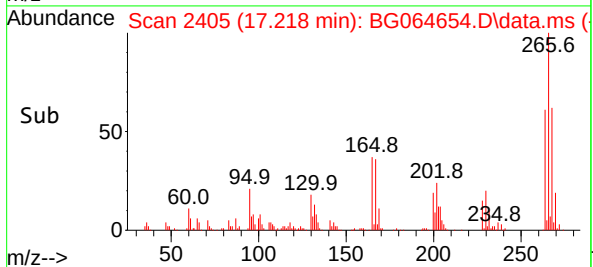
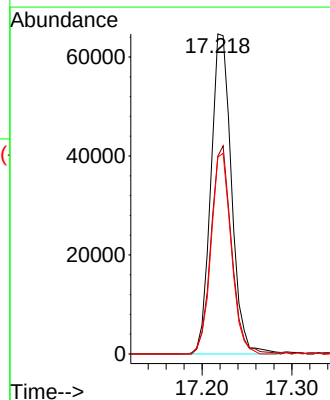
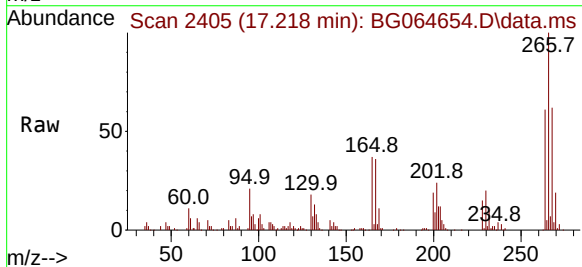
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

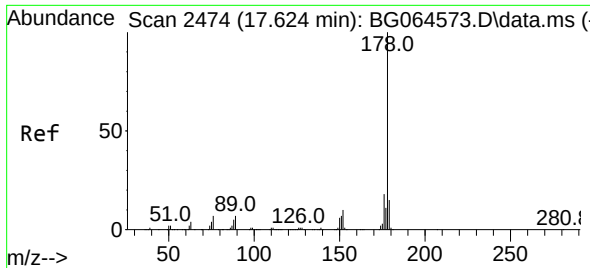
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	0.9	40.9
215	49.4	27.0	67.0



#70
Pentachlorophenol
Concen: 47.836 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	50.3	75.5
264	66.6	47.3	70.9

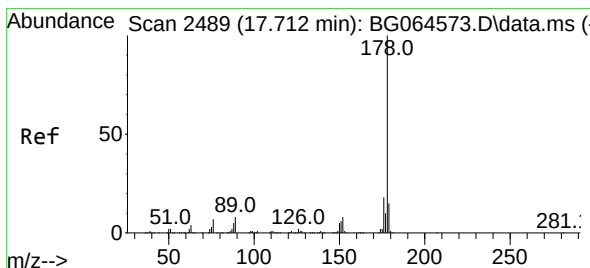
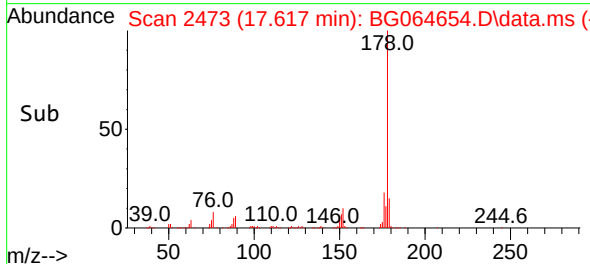
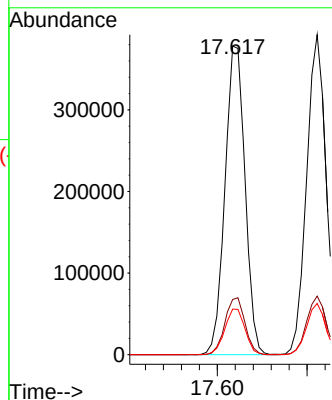
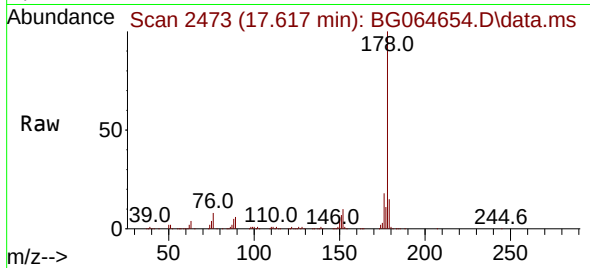




#71
Phenanthrene
Concen: 41.963 ng
RT: 17.617 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

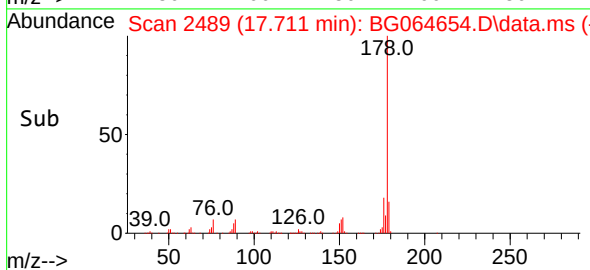
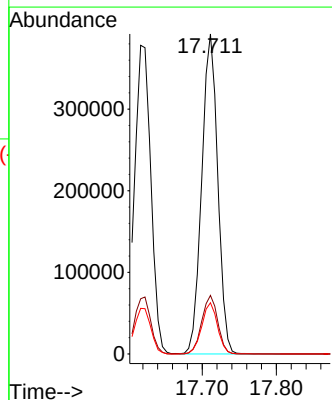
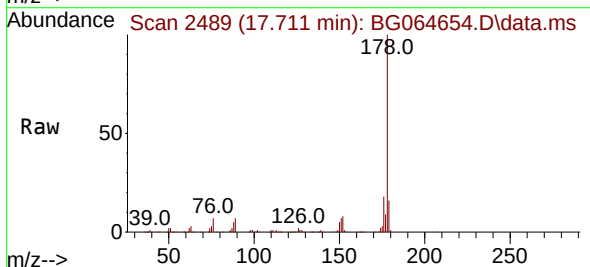
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

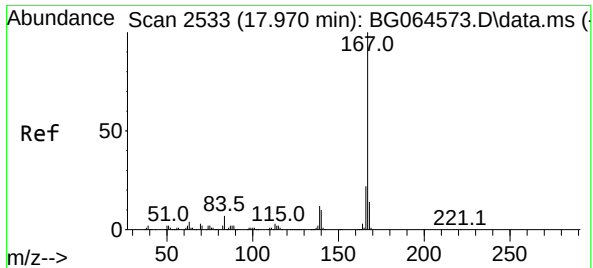
Tgt Ion:178 Resp: 587037
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 14.8 12.2 18.4



#72
Anthracene
Concen: 41.417 ng
RT: 17.711 min Scan# 2489
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:178 Resp: 589385
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 16.0 12.4 18.6

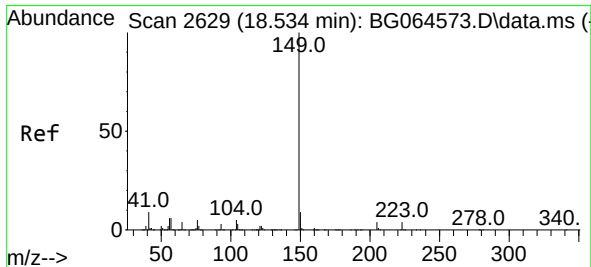
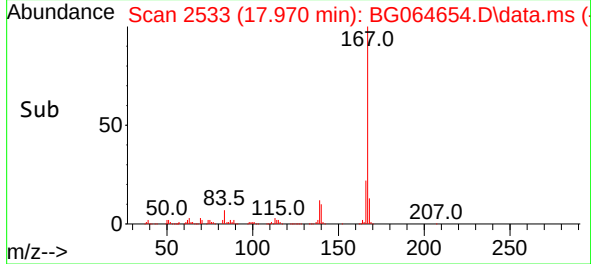
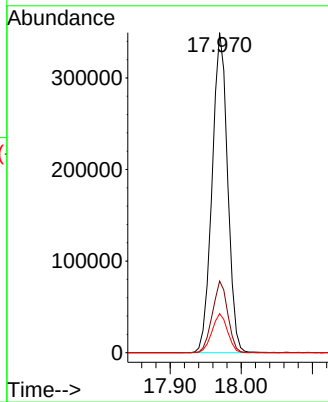
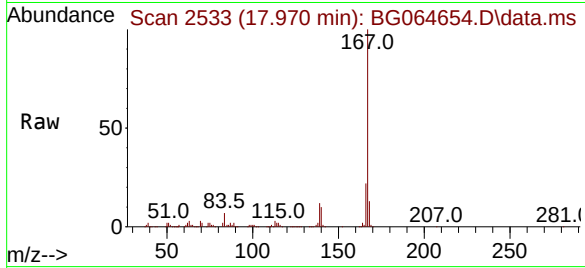




#73
Carbazole
Concen: 42.151 ng
RT: 17.970 min Scan# 2533
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

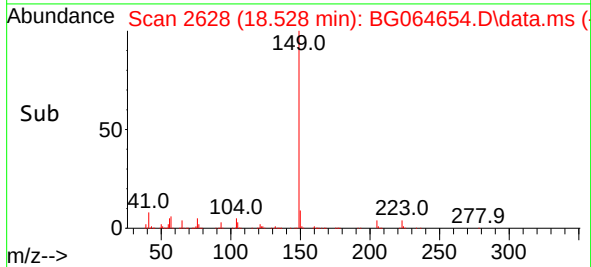
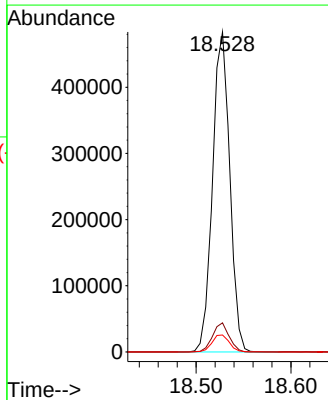
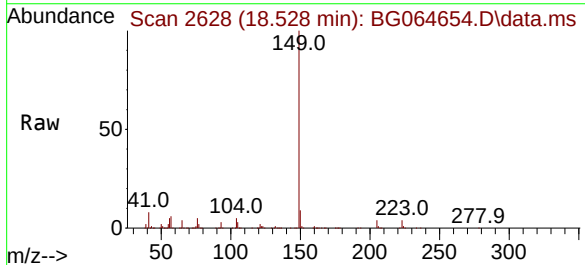
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

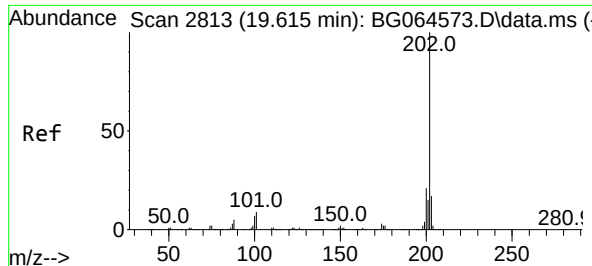
Tgt Ion:167 Resp: 528932
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.2 9.7 14.5



#74
Di-n-butylphthalate
Concen: 42.063 ng
RT: 18.528 min Scan# 2628
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:149 Resp: 610367
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.6
104 5.3 4.1 6.1

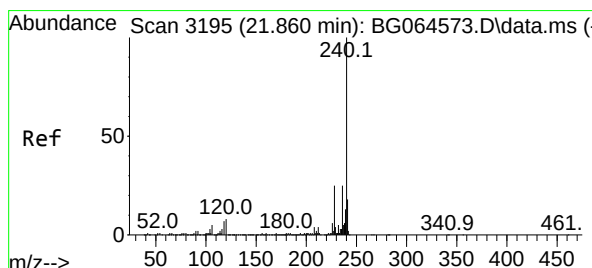
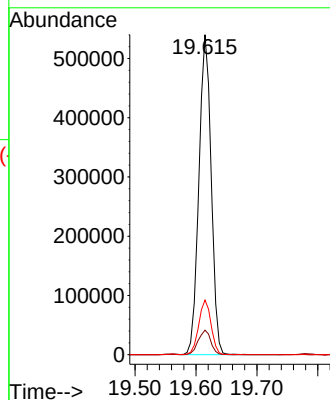
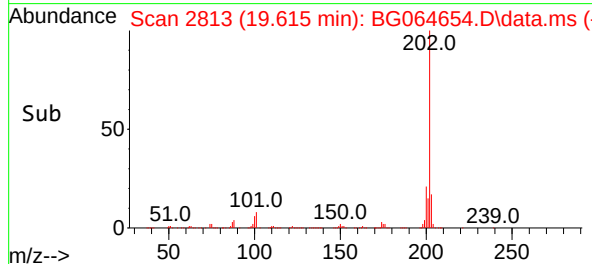
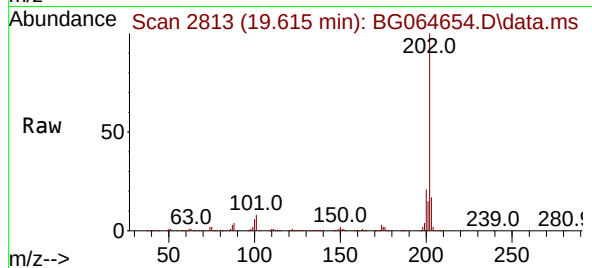




#75
Fluoranthene
Concen: 43.143 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

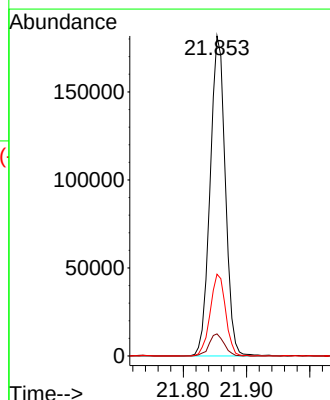
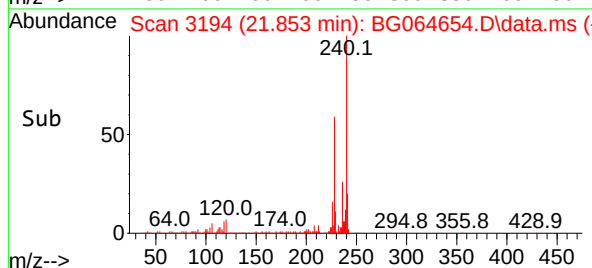
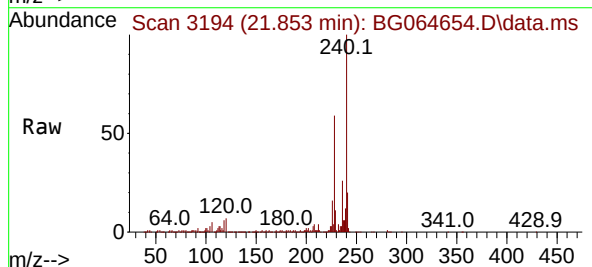
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

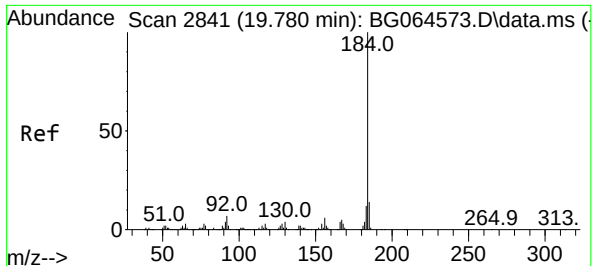
Tgt Ion:202 Resp: 756083
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.7
203 17.0 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.853 min Scan# 3194
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:240 Resp: 303338
Ion Ratio Lower Upper
240 100
120 6.9 6.5 9.7
236 25.6 20.2 30.2

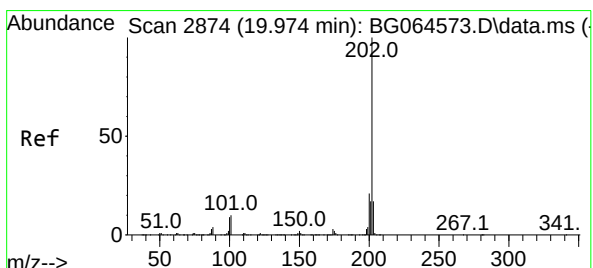
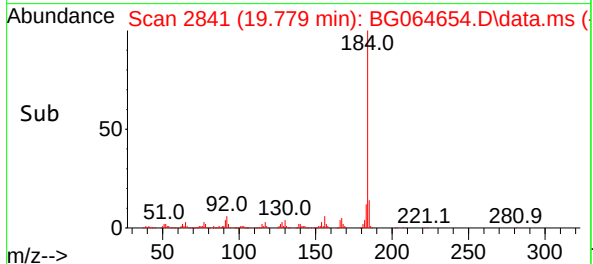
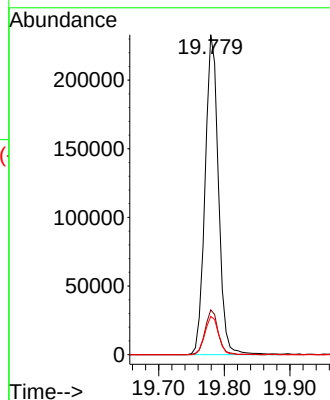
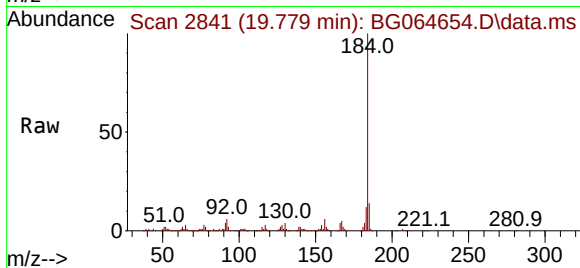




#77
Benzidine
Concen: 48.641 ng
RT: 19.779 min Scan# 2841
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

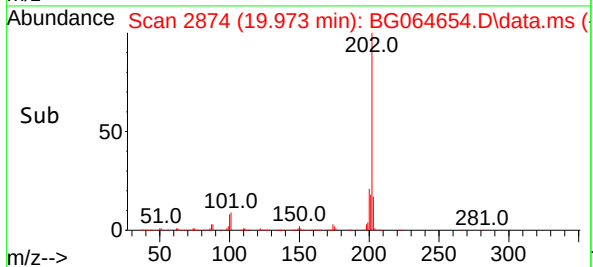
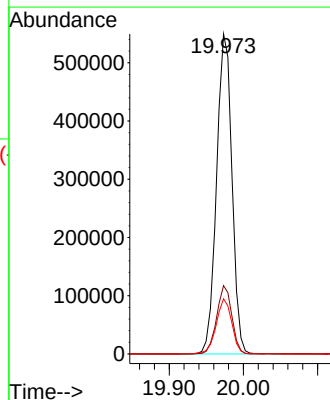
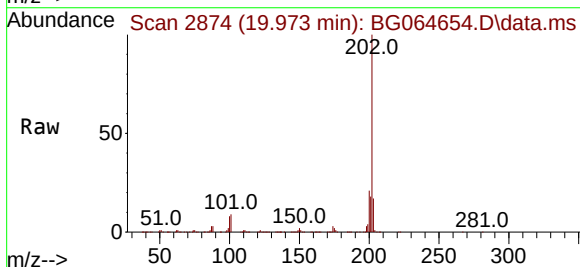
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

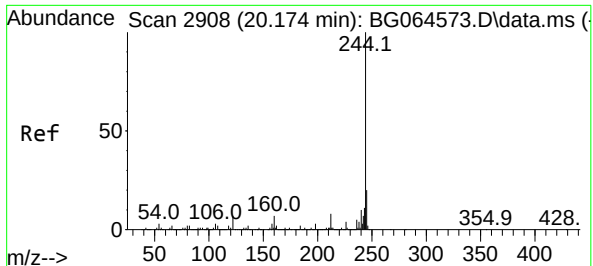
Tgt Ion:184 Resp: 330565
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.9 9.4 14.2



#78
Pyrene
Concen: 39.970 ng
RT: 19.973 min Scan# 2874
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:202 Resp: 792145
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.2 13.8 20.6

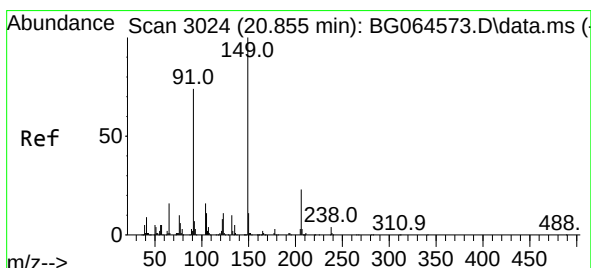
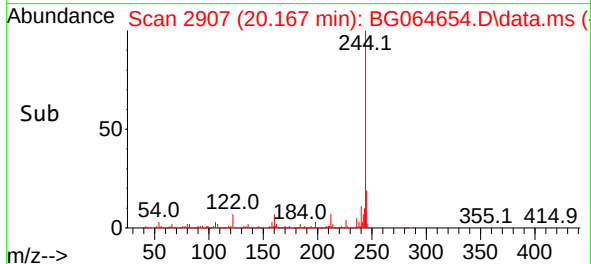
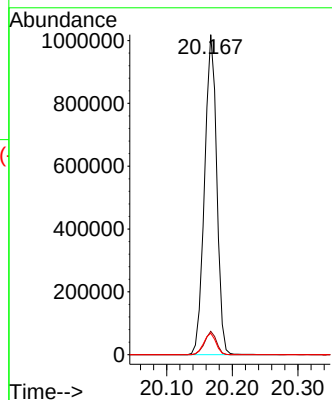
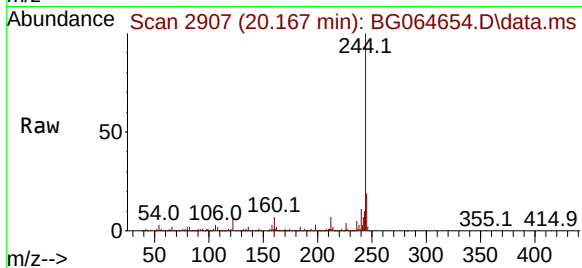




#79
 Terphenyl-d14
 Concen: 81.837 ng
 RT: 20.167 min Scan# 2907
 Delta R.T. -0.007 min
 Lab File: BG064654.D
 Acq: 31 Oct 2025 13:24

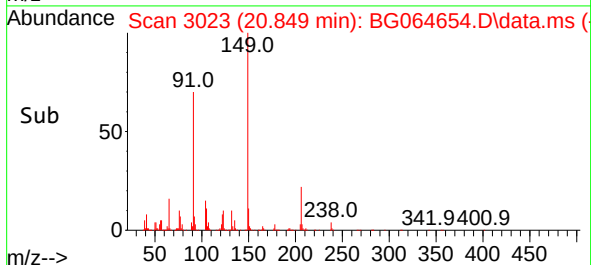
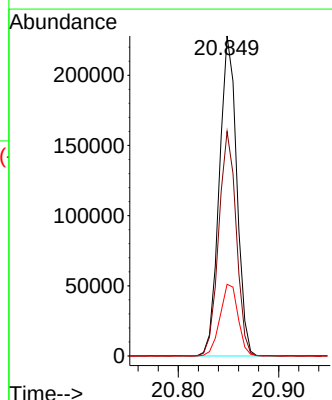
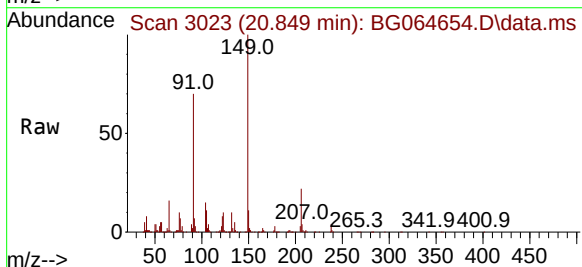
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

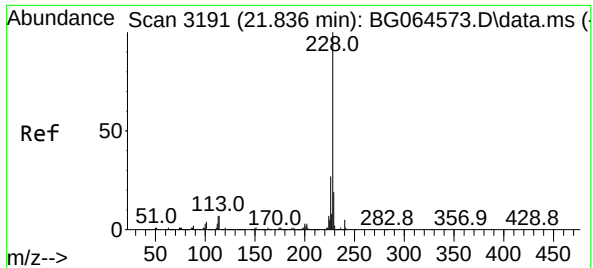
Tgt Ion:244 Resp: 1315419
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.7 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 45.886 ng
 RT: 20.849 min Scan# 3023
 Delta R.T. -0.007 min
 Lab File: BG064654.D
 Acq: 31 Oct 2025 13:24

Tgt Ion:149 Resp: 274852
 Ion Ratio Lower Upper
 149 100
 91 70.2 59.2 88.8
 206 22.4 18.1 27.1

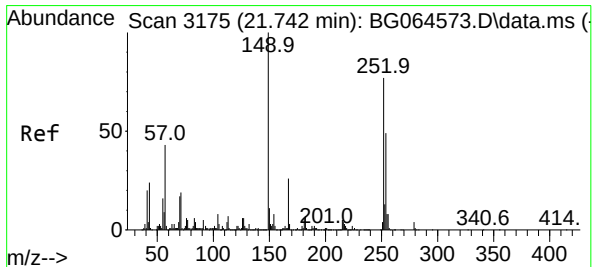
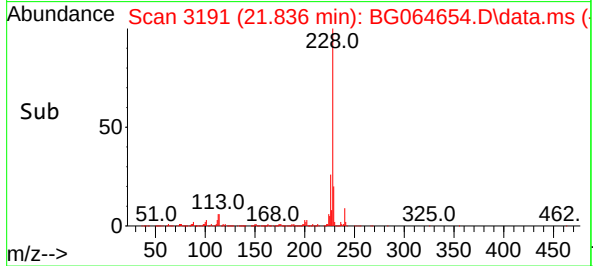
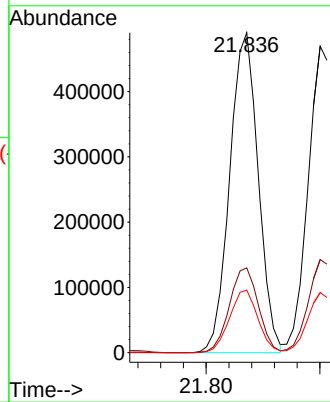
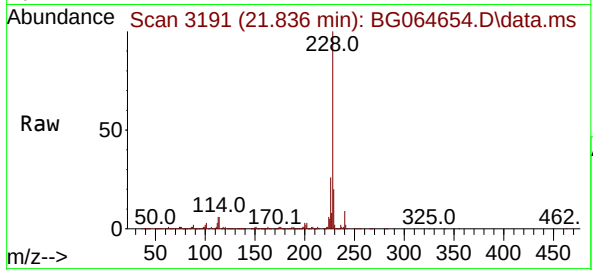




#81
Benzo(a)anthracene
Concen: 42.450 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

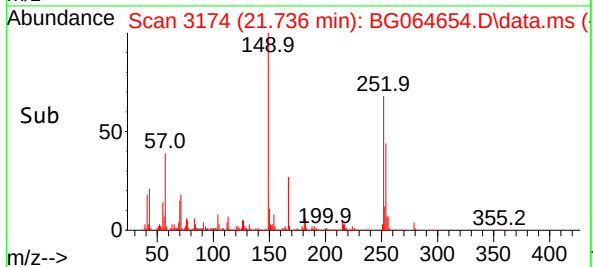
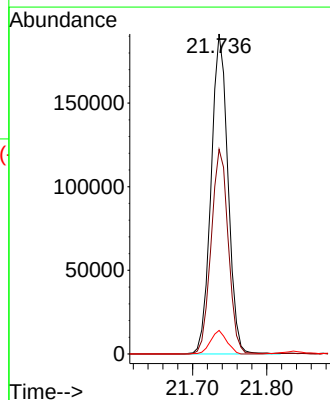
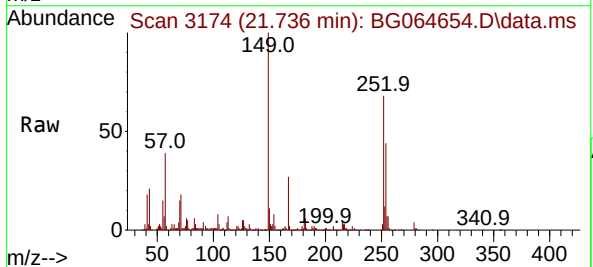
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

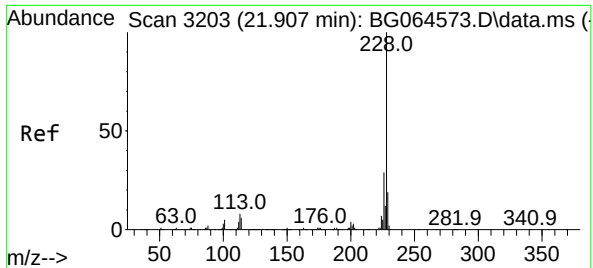
Tgt Ion:228 Resp: 853793
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.970 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:252 Resp: 302039
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 7.4 5.8 8.6

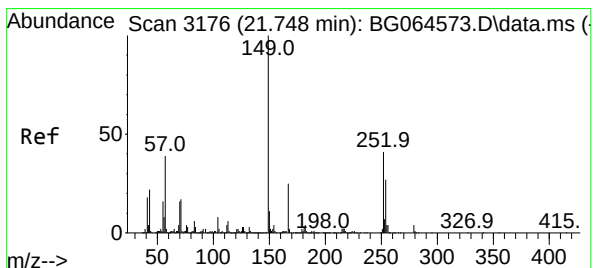
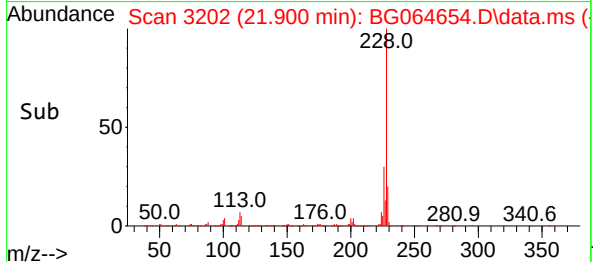
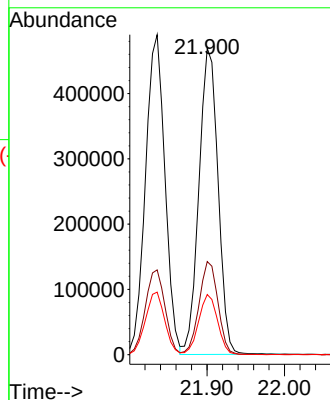
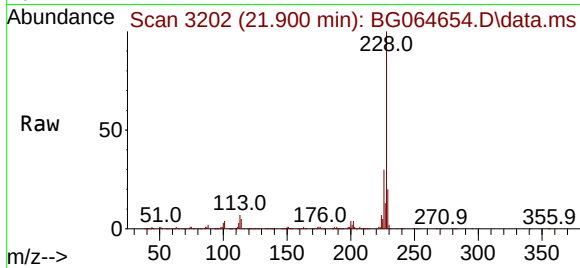




#83
Chrysene
Concen: 41.990 ng
RT: 21.900 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

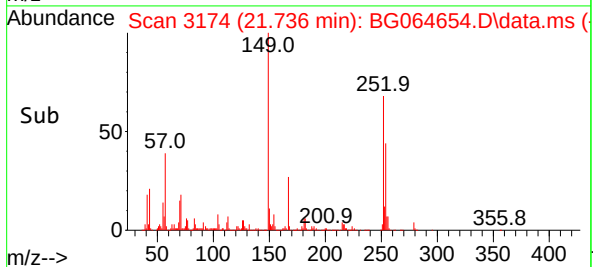
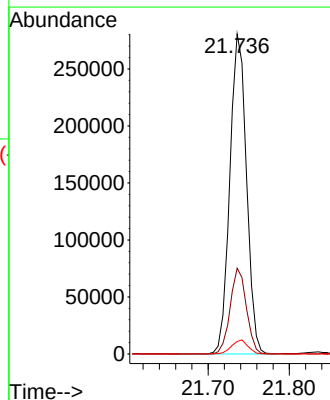
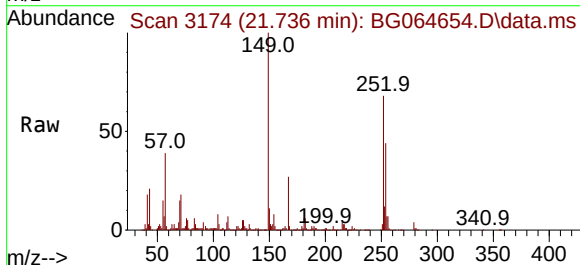
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

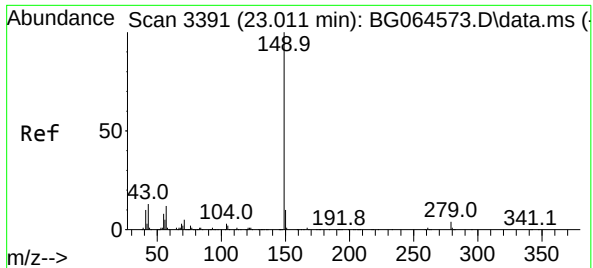
Tgt Ion:228 Resp: 803594
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 19.6 15.2 22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.616 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:149 Resp: 399327
Ion Ratio Lower Upper
149 100
167 26.8 20.0 30.0
279 3.9 3.1 4.7

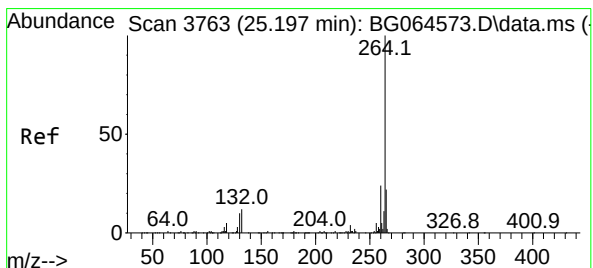
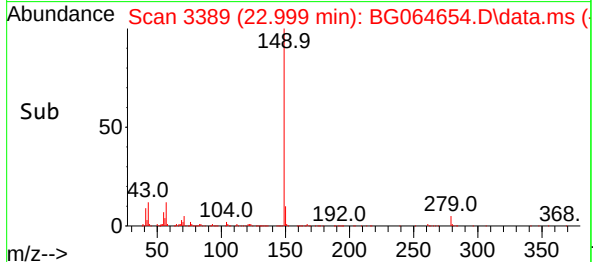
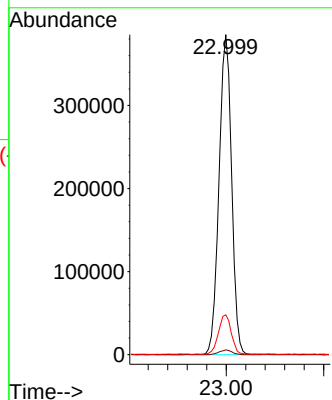
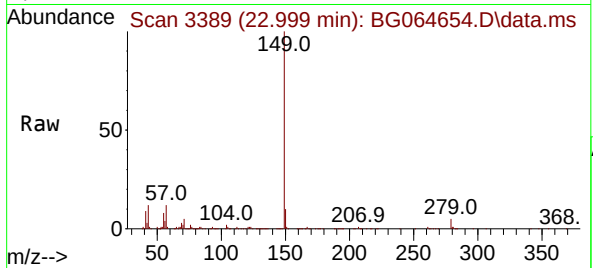




#85
Di-n-octyl phthalate
Concen: 45.860 ng
RT: 22.999 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

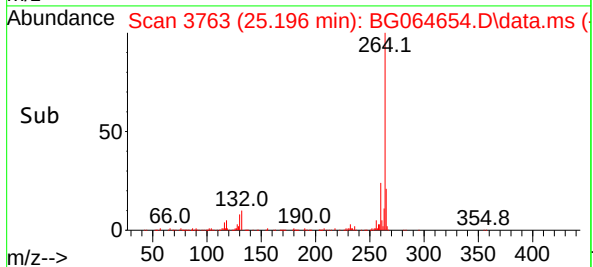
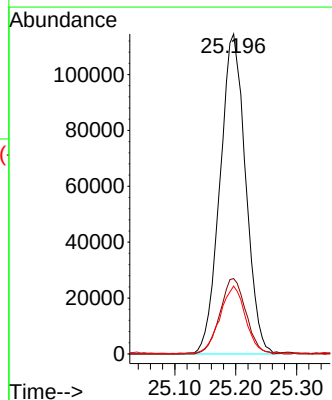
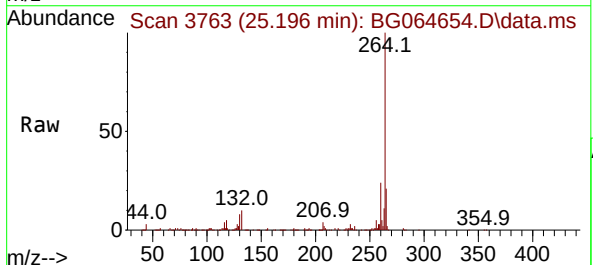
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

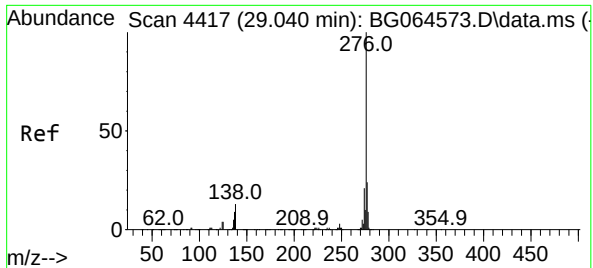
Tgt Ion:149 Resp: 692038
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.6 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.196 min Scan# 3763
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:264 Resp: 334065
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.2 17.6 26.4

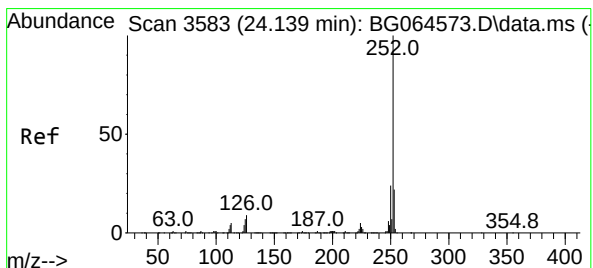
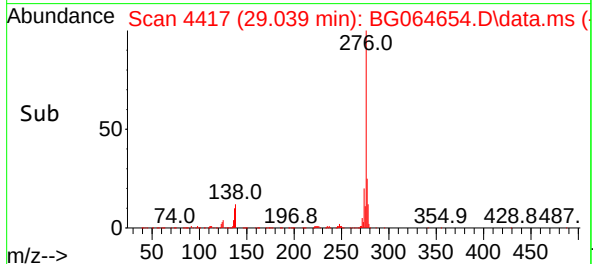
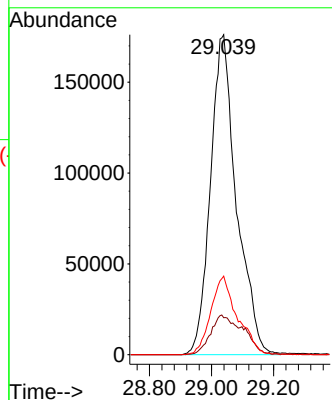
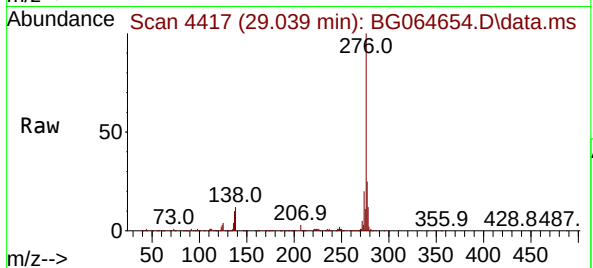




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.854 ng
RT: 29.039 min Scan# 4417
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

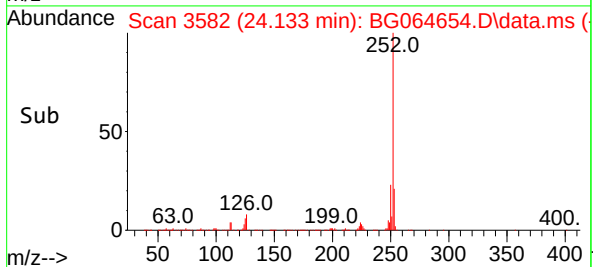
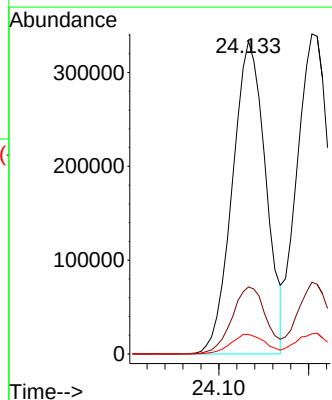
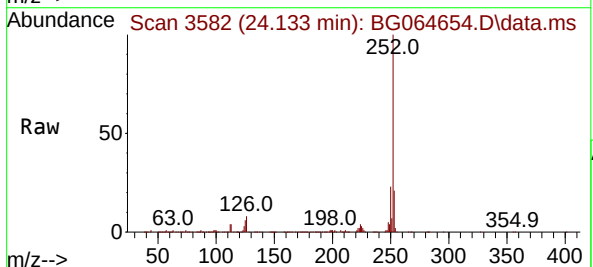
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

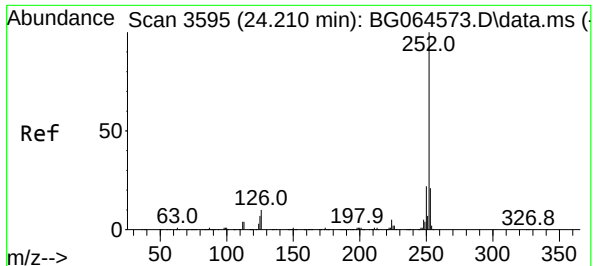
Tgt Ion:276 Resp: 1028556
Ion Ratio Lower Upper
276 100
138 15.5 10.8 16.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 42.017 ng
RT: 24.133 min Scan# 3582
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:252 Resp: 860704
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.2 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.862 ng

RT: 24.203 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

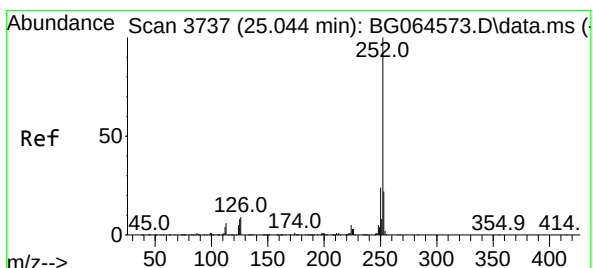
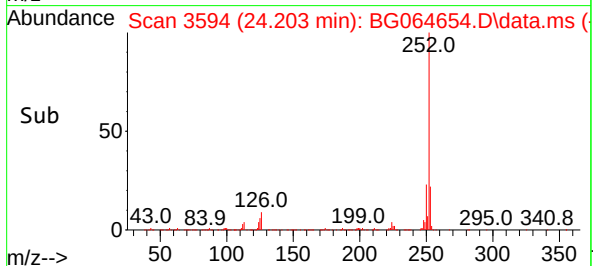
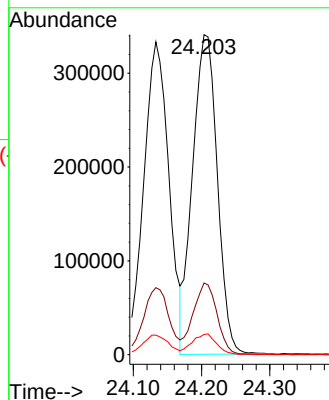
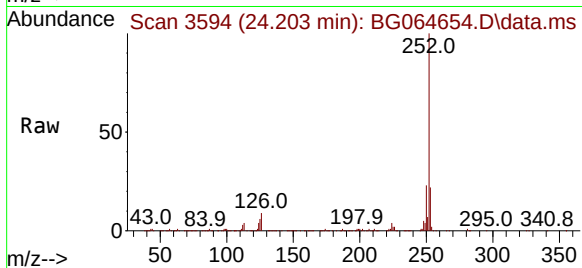
Tgt Ion:252 Resp: 858121

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

125 6.3 5.4 8.0



#90

Benzo(a)pyrene

Concen: 41.910 ng

RT: 25.038 min Scan# 3736

Delta R.T. -0.007 min

Lab File: BG064654.D

Acq: 31 Oct 2025 13:24

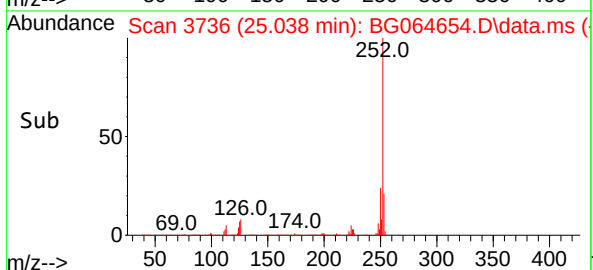
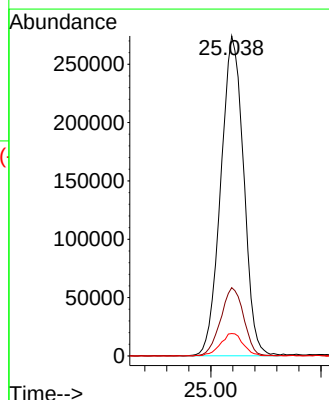
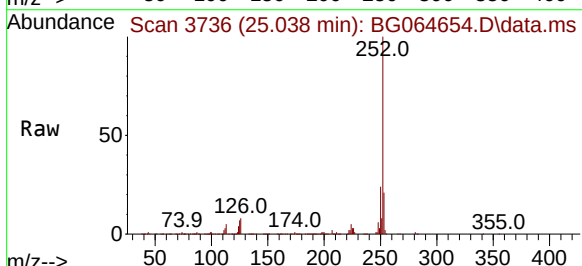
Tgt Ion:252 Resp: 789156

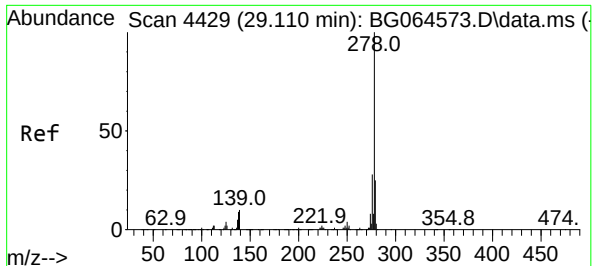
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 7.0 6.1 9.1

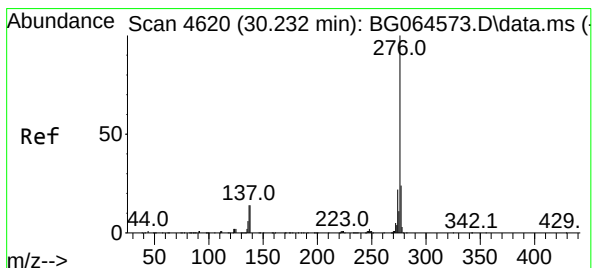
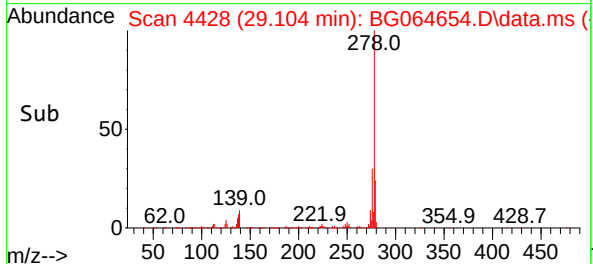
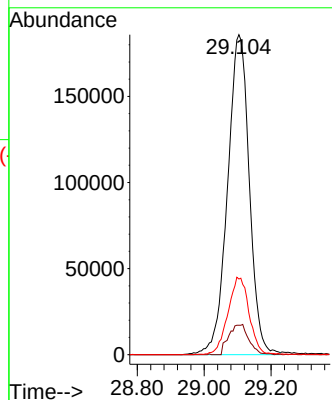
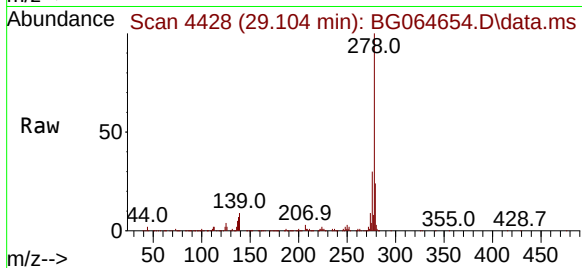




#91
Dibenzo(a,h)anthracene
Concen: 42.012 ng
RT: 29.104 min Scan# 4428
Delta R.T. -0.007 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

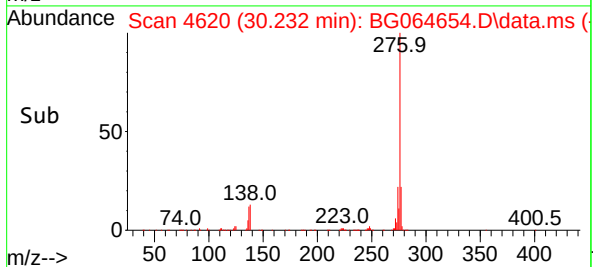
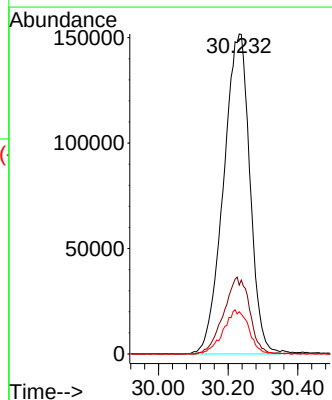
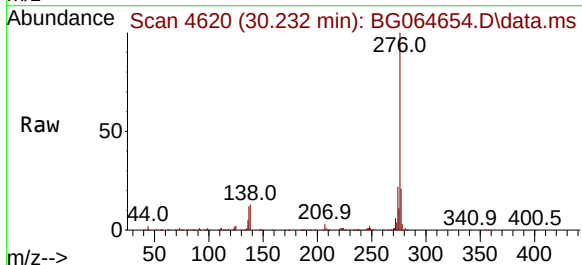
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 838779
Ion Ratio Lower Upper
278 100
139 9.2 8.0 12.0
279 23.6 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 41.797 ng
RT: 30.232 min Scan# 4620
Delta R.T. -0.001 min
Lab File: BG064654.D
Acq: 31 Oct 2025 13:24

Tgt Ion:276 Resp: 797168
Ion Ratio Lower Upper
276 100
277 21.5 19.1 28.7
138 13.2 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
2	1,4-Dioxane	0.528	0.542	-2.7	76	0.00
3	Pyridine	1.584	1.572	0.8	70	0.00
4	n-Nitrosodimethylamine	0.850	0.865	-1.8	71	0.00
5 S	2-Fluorophenol	1.192	1.264	-6.0	72	0.00
6	Aniline	2.225	2.298	-3.3	71	0.00
7 S	Phenol-d6	1.635	1.731	-5.9	72	0.00
8	2-Chlorophenol	1.247	1.415	-13.5	76	0.00
9	Benzaldehyde	0.893	1.004	-12.4	79	0.00
10 C	Phenol	1.808	1.889	-4.5	72	0.00
11	bis(2-Chloroethyl)ether	1.329	1.357	-2.1	73	0.00
12	1,3-Dichlorobenzene	1.435	1.540	-7.3	75	0.00
13 C	1,4-Dichlorobenzene	1.460	1.553	-6.4	75	0.00
14	1,2-Dichlorobenzene	1.408	1.508	-7.1	75	0.00
15	Benzyl Alcohol	1.348	1.467	-8.8	76	0.00
16	2,2'-oxybis(1-Chloropropane	3.487	3.486	0.0	69	0.00
17	2-Methylphenol	1.201	1.282	-6.7	75	0.00
18	Hexachloroethane	0.512	0.562	-9.8	77	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.179	-4.3	71	0.00
20	3+4-Methylphenols	1.688	1.788	-5.9	73	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
22	Acetophenone	0.547	0.577	-5.5	73	0.00
23 S	Nitrobenzene-d5	0.333	0.422	-26.7#	83	0.00
24	Nitrobenzene	0.362	0.439	-21.3	79	0.00
25	Isophorone	0.799	0.850	-6.4	72	0.00
26 C	2-Nitrophenol	0.121	0.179	-47.9#	97	0.00
27	2,4-Dimethylphenol	0.297	0.320	-7.7	71	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.476	-4.6	72	0.00
29 C	2,4-Dichlorophenol	0.320	0.369	-15.3	76	0.00
30	1,2,4-Trichlorobenzene	0.363	0.391	-7.7	74	0.00
31	Naphthalene	1.109	1.162	-4.8	73	0.00
32	Benzoic acid	0.207	0.243	-17.4	80	-0.01
33	4-Chloroaniline	0.431	0.453	-5.1	73	0.00
34 C	Hexachlorobutadiene	0.284	0.312	-9.9	77	0.00
35	Caprolactam	0.123	0.135	-9.8	74	0.00
36 C	4-Chloro-3-methylphenol	0.384	0.428	-11.5	74	0.00
37	2-Methylnaphthalene	0.814	0.868	-6.6	74	0.00
38	1-Methylnaphthalene	0.806	0.849	-5.3	73	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	76	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.718	-7.0	78	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.364	-20.5	85	0.00
42 S	2,4,6-Tribromophenol	0.289	0.369	-27.7#	88	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.465	-21.1#	83	0.00
44	2,4,5-Trichlorophenol	0.443	0.516	-16.5	81	0.00
45 S	2-Fluorobiphenyl	1.319	1.388	-5.2	76	0.00
46	1,1'-Biphenyl	1.422	1.474	-3.7	75	0.00
47	2-Chloronaphthalene	1.073	1.118	-4.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.422	-35.7#	92	0.00
49	Acenaphthylene	1.693	1.769	-4.5	75	0.00
50	Dimethylphthalate	1.530	1.657	-8.3	77	0.00
51	2,6-Dinitrotoluene	0.218	0.300	-37.6#	92	0.00
52 C	Acenaphthene	1.157	1.252	-8.2	78	0.00
53	3-Nitroaniline	0.263	0.354	-34.6#	91	0.00
54 P	2,4-Dinitrophenol	0.132	0.207	-56.8#	115	0.00
55	Dibenzofuran	1.870	1.961	-4.9	76	0.00
56 P	4-Nitrophenol	0.244	0.316	-29.5#	92	0.00
57	2,4-Dinitrotoluene	0.340	0.487	-43.2#	96	0.00
58	Fluorene	1.460	1.563	-7.1	78	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.528	-24.5	86	0.00
60	Diethylphthalate	1.563	1.669	-6.8	77	0.00
61	4-Chlorophenyl-phenylether	0.820	0.888	-8.3	78	0.00
62	4-Nitroaniline	0.293	0.397	-35.5#	92	0.00
63	Azobenzene	1.434	1.488	-3.8	73	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	82	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.121	-53.2#	119	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.554	-2.6	78	0.00
67	4-Bromophenyl-phenylether	0.237	0.258	-8.9	81	0.00
68	Hexachlorobenzene	0.270	0.296	-9.6	83	0.00
69	Atrazine	0.232	0.243	-4.7	81	0.00
70 C	Pentachlorophenol	0.169	0.202	-19.5	91	0.00
71	Phenanthrene	1.094	1.147	-4.8	81	0.00
72	Anthracene	1.113	1.152	-3.5	79	0.00
73	Carbazole	0.981	1.034	-5.4	82	0.00
74	Di-n-butylphthalate	1.134	1.193	-5.2	79	0.00
75 C	Fluoranthene	1.370	1.478	-7.9	84	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	91	0.00
77	Benzydine	0.448	0.545	-21.7	101	0.00
78	Pyrene	1.307	1.306	0.1	84	0.00
79 S	Terphenyl-d14	1.060	1.084	-2.3	86	0.00
80	Butylbenzylphthalate	0.395	0.453	-14.7	92	0.00
81	Benzo(a)anthracene	1.326	1.407	-6.1	91	0.00
82	3,3'-Dichlorobenzidine	0.443	0.498	-12.4	95	0.00
83	Chrysene	1.262	1.325	-5.0	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.658	-11.5	89	-0.01
85 c	Di-n-octyl phthalate	0.995	1.141	-14.7	96	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	95	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.539	-4.6	93	0.00
88	Benzo(b)fluoranthene	1.226	1.288	-5.1	93	0.00
89	Benzo(k)fluoranthene	1.227	1.284	-4.6	95	0.00
90 C	Benzo(a)pyrene	1.127	1.181	-4.8	94	0.00
91	Dibenzo(a,h)anthracene	1.195	1.255	-5.0	94	0.00
92	Benzo(g,h,i)perylene	1.142	1.193	-4.5	94	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 2

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	74	0.00
2	1,4-Dioxane	40.000	41.086	-2.7	76	0.00
3	Pyridine	40.000	39.685	0.8	70	0.00
4	n-Nitrosodimethylamine	40.000	40.742	-1.9	71	0.00
5 S	2-Fluorophenol	80.000	84.884	-6.1	72	0.00
6	Aniline	40.000	41.310	-3.3	71	0.00
7 S	Phenol-d6	80.000	84.671	-5.8	72	0.00
8	2-Chlorophenol	40.000	45.394	-13.5	76	0.00
9	Benzaldehyde	40.000	44.971	-12.4	79	0.00
10 C	Phenol	40.000	41.792	-4.5	72	0.00
11	bis(2-Chloroethyl)ether	40.000	40.817	-2.0	73	0.00
12	1,3-Dichlorobenzene	40.000	42.911	-7.3	75	0.00
13 C	1,4-Dichlorobenzene	40.000	42.569	-6.4	75	0.00
14	1,2-Dichlorobenzene	40.000	42.840	-7.1	75	0.00
15	Benzyl Alcohol	40.000	43.527	-8.8	76	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.984	0.0	69	0.00
17	2-Methylphenol	40.000	42.723	-6.8	75	0.00
18	Hexachloroethane	40.000	43.896	-9.7	77	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.746	-4.4	71	0.00
20	3+4-Methylphenols	40.000	42.362	-5.9	73	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	74	0.00
22	Acetophenone	40.000	42.188	-5.5	73	0.00
23 S	Nitrobenzene-d5	80.000	101.448	-26.8#	83	0.00
24	Nitrobenzene	40.000	48.433	-21.1	79	0.00
25	Isophorone	40.000	42.559	-6.4	72	0.00
26 C	2-Nitrophenol	40.000	50.996	-27.5#	97	0.00
27	2,4-Dimethylphenol	40.000	43.051	-7.6	71	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.876	-4.7	72	0.00
29 C	2,4-Dichlorophenol	40.000	46.132	-15.3	76	0.00
30	1,2,4-Trichlorobenzene	40.000	43.070	-7.7	74	0.00
31	Naphthalene	40.000	41.902	-4.8	73	0.00
32	Benzoic acid	40.000	43.506	-8.8	80	-0.01
33	4-Chloroaniline	40.000	42.073	-5.2	73	0.00
34 C	Hexachlorobutadiene	40.000	43.856	-9.6	77	0.00
35	Caprolactam	40.000	44.014	-10.0	74	0.00
36 C	4-Chloro-3-methylphenol	40.000	44.546	-11.4	74	0.00
37	2-Methylnaphthalene	40.000	42.641	-6.6	74	0.00
38	1-Methylnaphthalene	40.000	42.113	-5.3	73	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	76	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.781	-7.0	78	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.153	-20.4	85	0.00
42 S	2,4,6-Tribromophenol	80.000	102.353	-27.9#	88	0.00
43 C	2,4,6-Trichlorophenol	40.000	48.476	-21.2#	83	0.00
44	2,4,5-Trichlorophenol	40.000	46.620	-16.5	81	0.00
45 S	2-Fluorobiphenyl	80.000	84.147	-5.2	76	0.00
46	1,1'-Biphenyl	40.000	41.458	-3.6	75	0.00
47	2-Chloronaphthalene	40.000	41.677	-4.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.901	-17.3	92	0.00
49	Acenaphthylene	40.000	41.810	-4.5	75	0.00
50	Dimethylphthalate	40.000	43.311	-8.3	77	0.00
51	2,6-Dinitrotoluene	40.000	47.570	-18.9	92	0.00
52 C	Acenaphthene	40.000	43.306	-8.3	78	0.00
53	3-Nitroaniline	40.000	53.795	-34.5#	91	0.00
54 P	2,4-Dinitrophenol	40.000	55.180	-38.0#	115	0.00
55	Dibenzofuran	40.000	41.947	-4.9	76	0.00
56 P	4-Nitrophenol	40.000	51.918	-29.8#	92	0.00
57	2,4-Dinitrotoluene	40.000	49.783	-24.5	96	0.00
58	Fluorene	40.000	42.824	-7.1	78	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	49.820	-24.6	86	0.00
60	Diethylphthalate	40.000	42.720	-6.8	77	0.00
61	4-Chlorophenyl-phenylether	40.000	43.354	-8.4	78	0.00
62	4-Nitroaniline	40.000	54.295	-35.7#	92	0.00
63	Azobenzene	40.000	41.508	-3.8	73	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	82	0.00
65	4,6-Dinitro-2-methylphenol	40.000	54.019	-35.0#	119	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.047	-2.6	78	0.00
67	4-Bromophenyl-phenylether	40.000	43.477	-8.7	81	0.00
68	Hexachlorobenzene	40.000	43.724	-9.3	83	0.00
69	Atrazine	40.000	41.856	-4.6	81	0.00
70 C	Pentachlorophenol	40.000	47.836	-19.6	91	0.00
71	Phenanthrene	40.000	41.963	-4.9	81	0.00
72	Anthracene	40.000	41.417	-3.5	79	0.00
73	Carbazole	40.000	42.151	-5.4	82	0.00
74	Di-n-butylphthalate	40.000	42.063	-5.2	79	0.00
75 C	Fluoranthene	40.000	43.143	-7.9	84	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	91	0.00
77	Benzydine	40.000	48.641	-21.6	101	0.00
78	Pyrene	40.000	39.970	0.1	84	0.00
79 S	Terphenyl-d14	80.000	81.837	-2.3	86	0.00
80	Butylbenzylphthalate	40.000	45.886	-14.7	92	0.00
81	Benzo(a)anthracene	40.000	42.450	-6.1	91	0.00
82	3,3'-Dichlorobenzidine	40.000	44.970	-12.4	95	0.00
83	Chrysene	40.000	41.990	-5.0	90	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.616	-11.5	89	-0.01
85 c	Di-n-octyl phthalate	40.000	45.860	-14.6	96	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	95	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.854	-4.6	93	0.00
88	Benzo(b)fluoranthene	40.000	42.017	-5.0	93	0.00
89	Benzo(k)fluoranthene	40.000	41.862	-4.7	95	0.00
90 C	Benzo(a)pyrene	40.000	41.910	-4.8	94	0.00
91	Dibenzo(a,h)anthracene	40.000	42.012	-5.0	94	0.00
92	Benzo(g,h,i)perylene	40.000	41.797	-4.5	94	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 2



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02
 Lab Code: ACE SDG No.: Q3447
 Instrument ID: BNA_P Calibration Date/Time: 10/30/2025 11:15
 Lab File ID: BP026039.D Init. Calib. Date(s): 10/29/2025 10/29/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.453	1.480		1.9	
2-Fluorophenol	1.212	1.236		2.0	
Phenol-d6	1.543	1.568		1.6	
1,4-Dichlorobenzene	1.558	1.571		0.8	20.0
2-Methylphenol	1.121	1.140		1.7	
3+4-Methylphenols	1.560	1.546		-0.9	
Nitrobenzene-d5	0.321	0.339		5.6	
Hexachloroethane	0.533	0.539		1.1	
Nitrobenzene	0.339	0.357		5.3	
Hexachlorobutadiene	0.211	0.216		2.4	20.0
2,4,6-Trichlorophenol	0.367	0.385		4.9	20.0
2-Fluorobiphenyl	1.392	1.414		1.6	
2,4,5-Trichlorophenol	0.419	0.437		4.3	
2,4-Dinitrotoluene	0.347	0.384		10.7	
2,4,6-Tribromophenol	0.216	0.226		4.6	
Hexachlorobenzene	0.253	0.256		1.2	
Pentachlorophenol	0.154	0.151		-1.9	20.0
Terphenyl-d14	0.984	0.998		1.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026039.D
 Acq On : 30 Oct 2025 11:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025

Quant Time: Oct 30 12:41:14 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	280604	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1128649	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	707800	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1418803	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1511217	20.000	ng	0.01
86) Perylene-d12	24.901	264	1625760	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1387183	81.574	ng	0.00
7) Phenol-d6	6.849	99	1759757	81.303	ng	0.00
23) Nitrobenzene-d5	8.819	82	1530296	84.525	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	638841	83.487	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4004406	81.295	ng	-0.01
79) Terphenyl-d14	19.860	244	6035163	81.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	294706	41.109	ng	99
3) Pyridine	3.625	79	830810	40.767	ng	99
4) n-Nitrosodimethylamine	3.537	42	327688	40.119	ng	99
6) Aniline	7.013	93	1165590	40.350	ng	100
8) 2-Chlorophenol	7.249	128	761619	40.445	ng	98
9) Benzaldehyde	6.825	77	434004	38.573	ng	98
10) Phenol	6.878	94	969129	40.331	ng	99
11) bis(2-Chloroethyl)ether	7.108	93	761692	40.166	ng	99
12) 1,3-Dichlorobenzene	7.572	146	874339	40.430	ng	100
13) 1,4-Dichlorobenzene	7.713	146	881775	40.328	ng	99
14) 1,2-Dichlorobenzene	8.025	146	840270	40.273	ng	99
15) Benzyl Alcohol	7.913	79	611235	39.172	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1129141	39.397	ng	99
17) 2-Methylphenol	8.107	107	639558	40.646	ng	99
18) Hexachloroethane	8.755	117	302447	40.423	ng	98
19) n-Nitroso-di-n-propyla...	8.478	70	551327	41.034	ng	100
20) 3+4-Methylphenols	8.431	107	867573	39.634	ng	99
22) Acetophenone	8.484	105	1158478	40.585	ng	100
24) Nitrobenzene	8.860	77	805808	42.154	ng	99
25) Isophorone	9.384	82	1565736	40.404	ng	99
26) 2-Nitrophenol	9.566	139	270435	38.969	ng	96
27) 2,4-Dimethylphenol	9.625	122	664927	40.803	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	992102	40.623	ng	100
29) 2,4-Dichlorophenol	10.096	162	716320	41.631	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	770124	41.179	ng	99
31) Naphthalene	10.502	128	2517121	40.897	ng	100
32) Benzoic acid	9.737	122	340315	37.627	ng	93
33) 4-Chloroaniline	10.596	127	985002	41.648	ng	99
34) Hexachlorobutadiene	10.796	225	488259	41.083	ng	99
35) Caprolactam	11.349	113	242516	40.137	ng	95
36) 4-Chloro-3-methylphenol	11.719	107	748192	41.480	ng	98
37) 2-Methylnaphthalene	12.107	142	1749924	40.623	ng	99
38) 1-Methylnaphthalene	12.331	142	1713086	40.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	900603	40.951	ng	99
41) Hexachlorocyclopentadiene	12.472	237	308571	38.348	ng	97
43) 2,4,6-Trichlorophenol	12.719	196	544851	41.914	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026039.D
 Acq On : 30 Oct 2025 11:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025

Quant Time: Oct 30 12:41:14 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

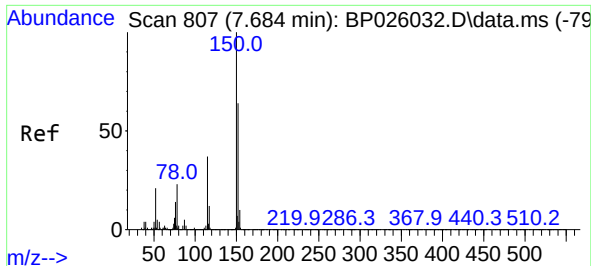
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	618469	41.696	ng	97
46) 1,1'-Biphenyl	13.131	154	2189844	40.406	ng	99
47) 2-Chloronaphthalene	13.172	162	1727355	40.509	ng	99
48) 2-Nitroaniline	13.366	65	416997	38.606	ng	97
49) Acenaphthylene	14.025	152	2545640	40.959	ng	100
50) Dimethylphthalate	13.760	163	2083950	40.477	ng	100
51) 2,6-Dinitrotoluene	13.872	165	369131	38.999	ng	97
52) Acenaphthene	14.372	154	1751906	41.060	ng	100
53) 3-Nitroaniline	14.201	138	458705	40.012	ng	97
54) 2,4-Dinitrophenol	14.407	184	132236	38.351	ng	96
55) Dibenzofuran	14.713	168	2612023	40.520	ng	100
56) 4-Nitrophenol	14.507	139	387193	37.715	ng	99
57) 2,4-Dinitrotoluene	14.666	165	543018	39.067	ng	97
58) Fluorene	15.378	166	2047888	40.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	486362	41.703	ng	100
60) Diethylphthalate	15.160	149	2057780	39.757	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	1004103	39.813	ng	98
62) 4-Nitroaniline	15.378	138	484176	44.010	ng	98
63) Azobenzene	15.672	77	1909013	40.697	ng	100
65) 4,6-Dinitro-2-methylph...	15.442	198	208024	38.703	ng	100
66) n-Nitrosodiphenylamine	15.589	169	1773887	39.988	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	630337	40.051	ng	99
68) Hexachlorobenzene	16.407	284	726440	40.547	ng	100
69) Atrazine	16.578	200	593858	39.684	ng	98
70) Pentachlorophenol	16.754	266	429716	39.267	ng	99
71) Phenanthrene	17.166	178	3349295	40.558	ng	100
72) Anthracene	17.254	178	3324791	40.616	ng	100
73) Carbazole	17.536	167	3170495	40.916	ng	100
74) Di-n-butylphthalate	18.154	149	3468314	40.001	ng	100
75) Fluoranthene	19.260	202	3898871	40.473	ng	99
77) Benzidine	19.448	184	1503860	39.205	ng	100
78) Pyrene	19.636	202	4160171	40.702	ng	100
80) Butylbenzylphthalate	20.607	149	1323012	35.613	ng	100
81) Benzo(a)anthracene	21.560	228	4241528	40.844	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1343349	40.149	ng	100
83) Chrysene	21.624	228	3991308	40.574	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	2163572	36.199	ng	100
85) Di-n-octyl phthalate	22.819	149	3303174	36.718	ng	100
87) Indeno(1,2,3-cd)pyrene	28.671	276	5019364m	41.819	ng	
88) Benzo(b)fluoranthene	23.848	252	4231748	41.929	ng	99
89) Benzo(k)fluoranthene	23.924	252	4233673	41.079	ng	99
90) Benzo(a)pyrene	24.754	252	3870587	41.745	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	4102608	42.003	ng	100
92) Benzo(g,h,i)perylene	29.842	276	3910516	41.605	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



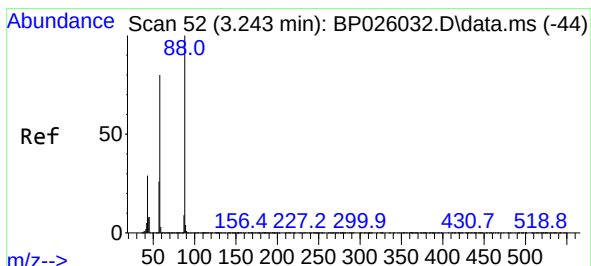
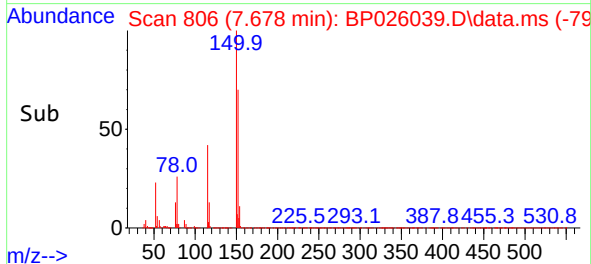
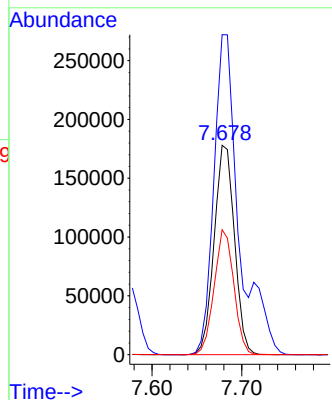
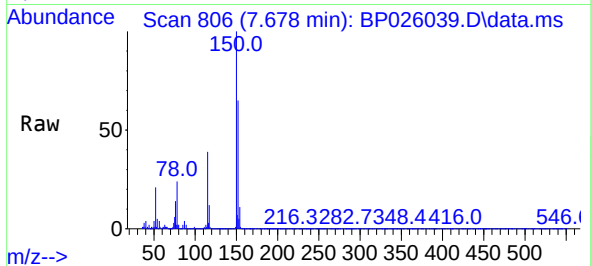
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 280604
Ion Ratio Lower Upper
152 100
150 152.8 125.7 188.5
115 59.7 46.4 69.6

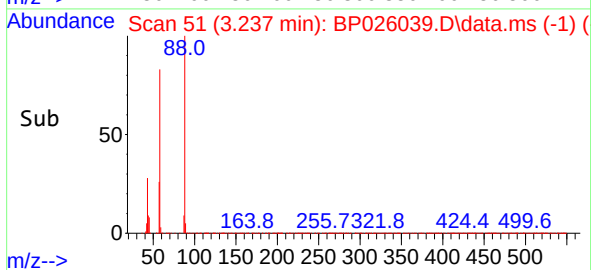
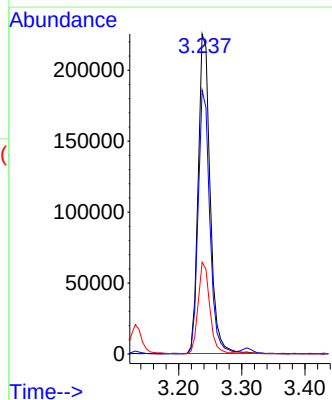
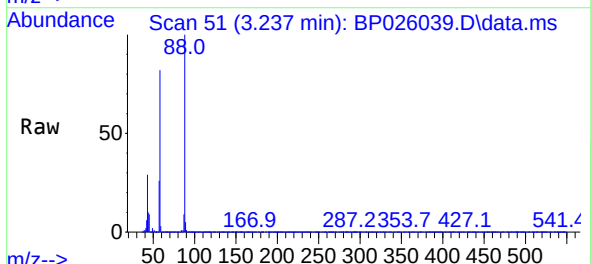
Manual Integrations
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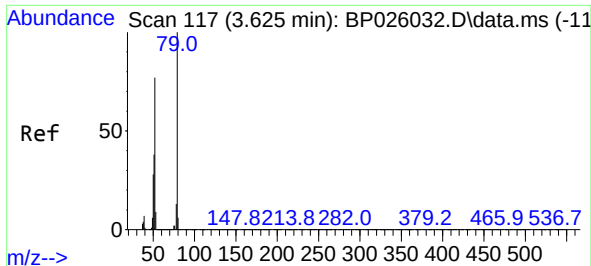
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#2
1,4-Dioxane
Concen: 41.109 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

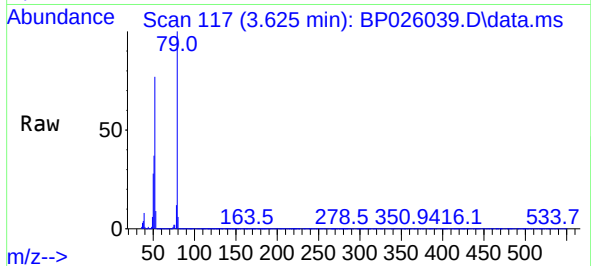
Tgt Ion: 88 Resp: 294706
Ion Ratio Lower Upper
88 100
58 81.0 65.4 98.0
43 28.0 23.1 34.7





#3
Pyridine
Concen: 40.767 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

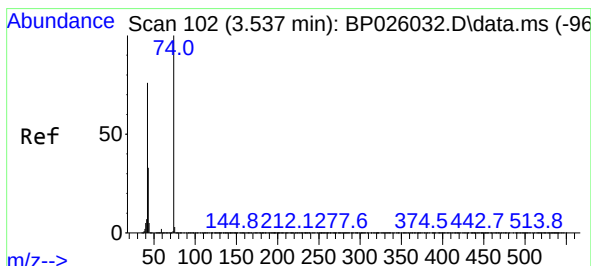
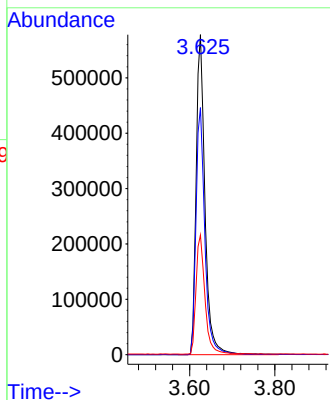
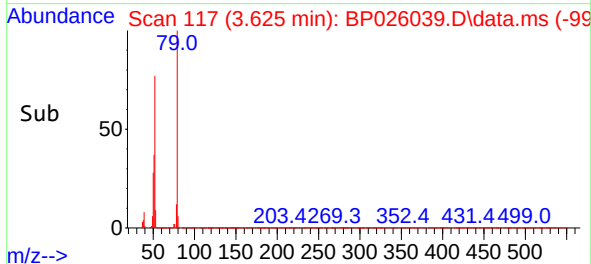
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



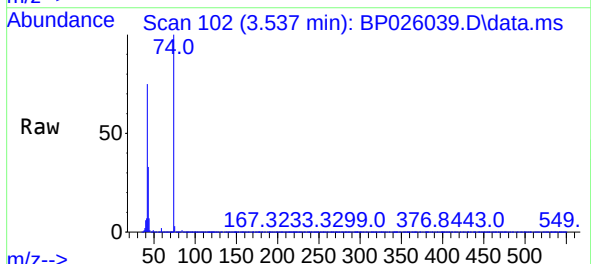
Tgt Ion: 79 Resp: 830810
Ion Ratio Lower Upper
79 100
52 77.2 62.0 93.0
51 37.4 30.6 46.0

Manual Integrations
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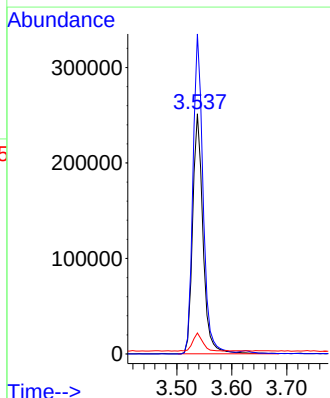
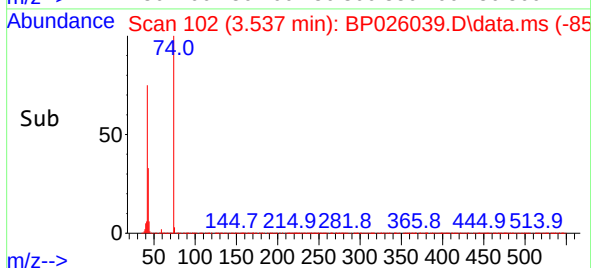
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

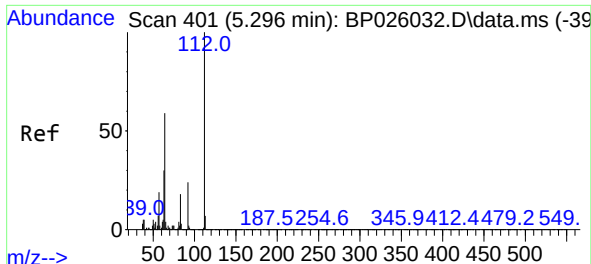


#4
n-Nitrosodimethylamine
Concen: 40.119 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



Tgt Ion: 42 Resp: 327688
Ion Ratio Lower Upper
42 100
74 133.2 105.7 158.5
44 8.7 6.6 9.8





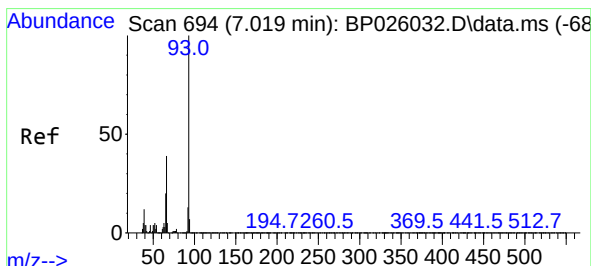
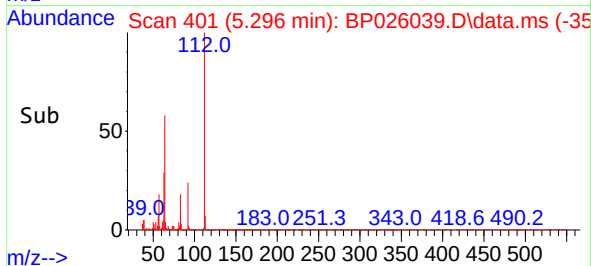
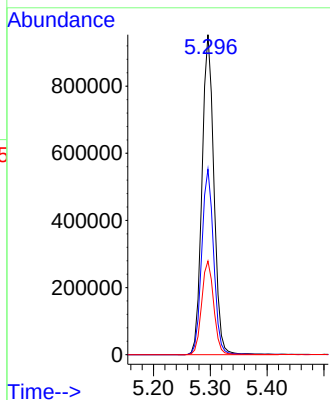
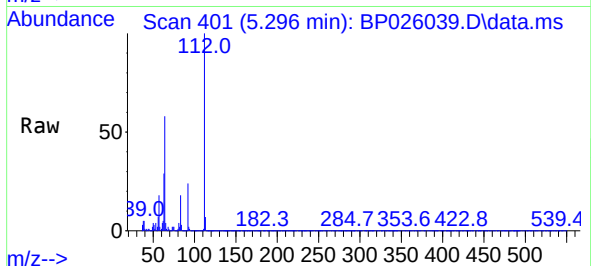
#5
2-Fluorophenol
Concen: 81.574 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 138718
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 29.2 24.2 36.4

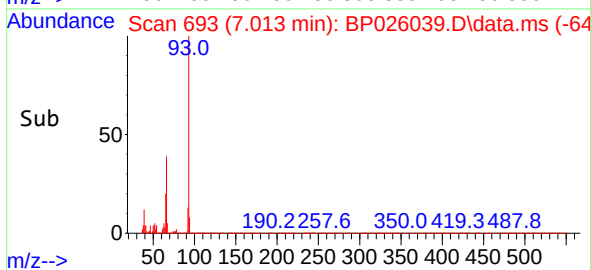
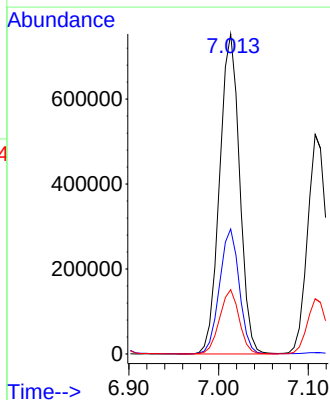
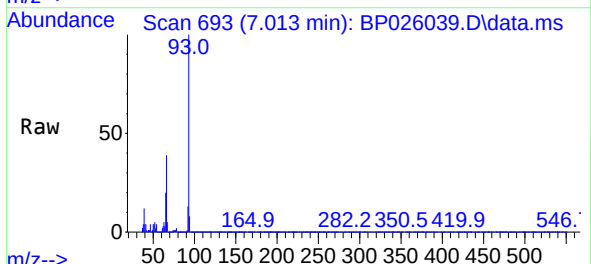
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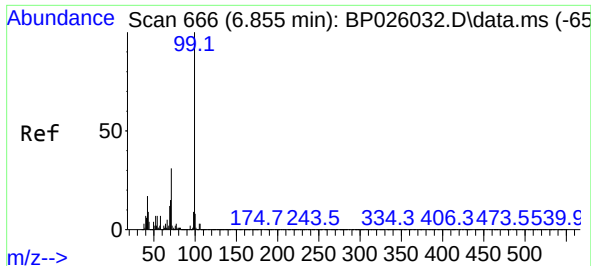
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#6
Aniline
Concen: 40.350 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

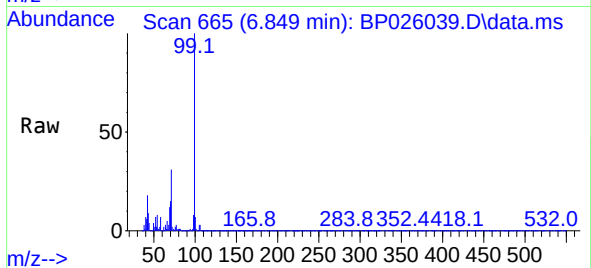
Tgt Ion: 93 Resp: 1165590
Ion Ratio Lower Upper
93 100
66 39.1 31.2 46.8
65 20.1 16.1 24.1





#7
Phenol-d6
Concen: 81.303 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

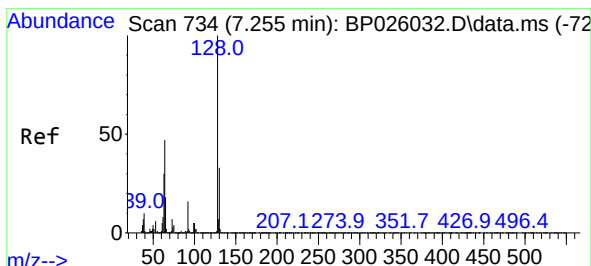
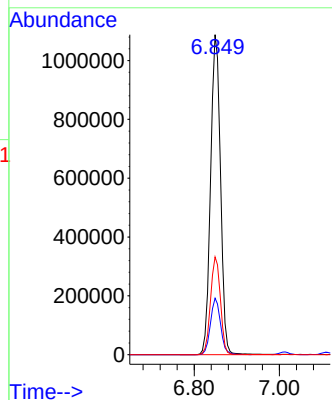
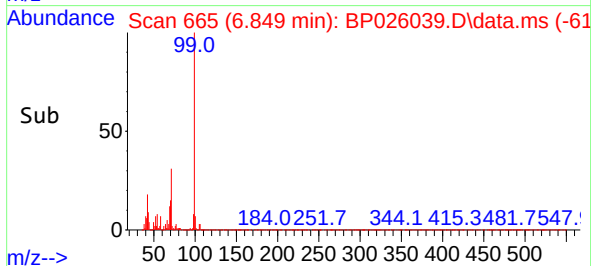
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 175975
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 30.6 24.4 36.6

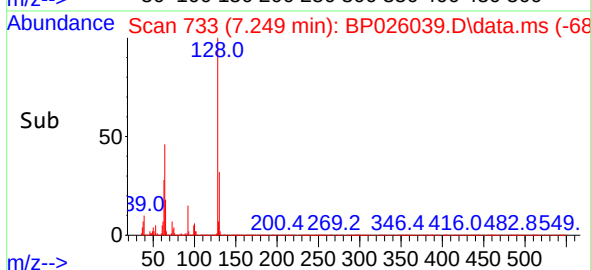
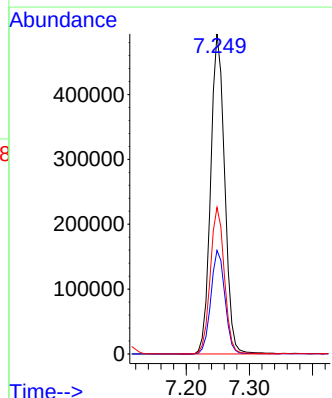
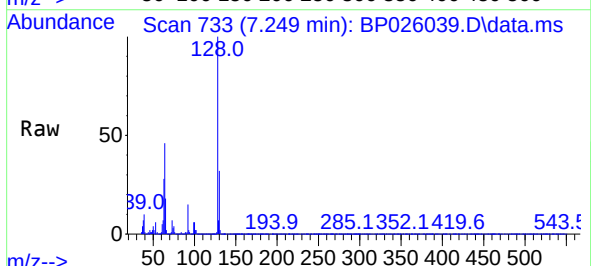
Manual Integrations
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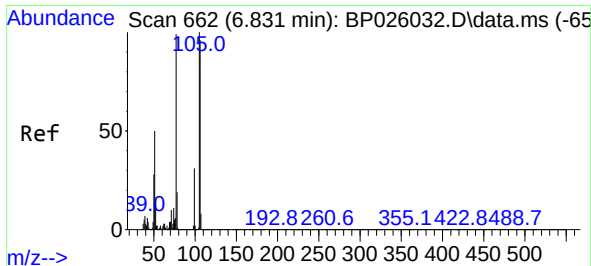
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#8
2-Chlorophenol
Concen: 40.445 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:128 Resp: 761619
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 45.8 27.4 67.4





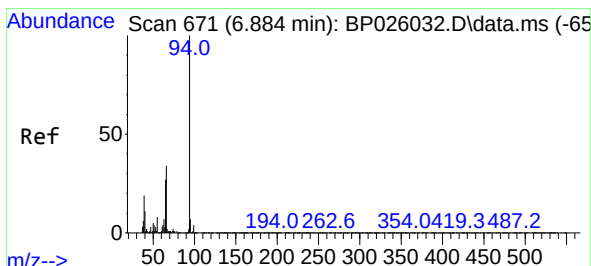
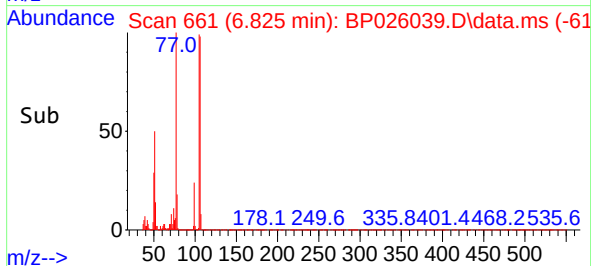
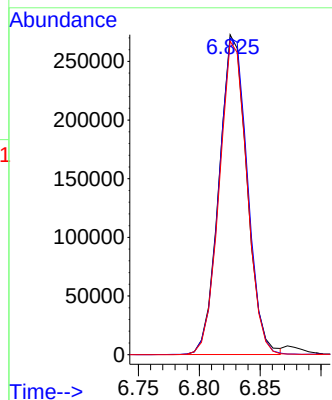
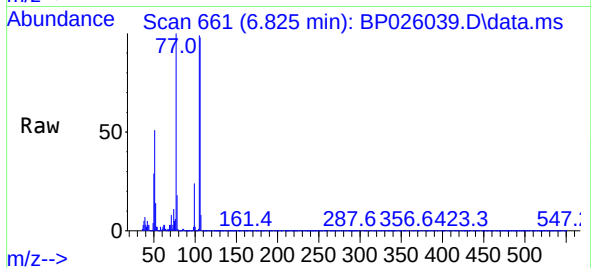
#9
Benzaldehyde
Concen: 38.573 ng
RT: 6.825 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 434004
Ion Ratio Lower Upper
77 100
105 99.0 80.7 120.7
106 97.9 76.5 116.5

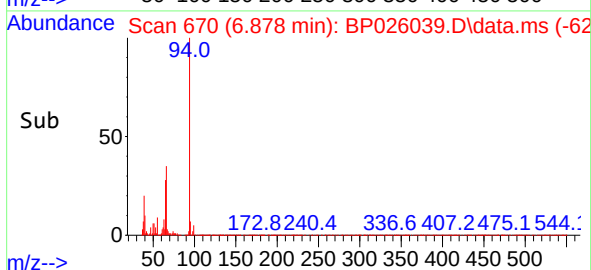
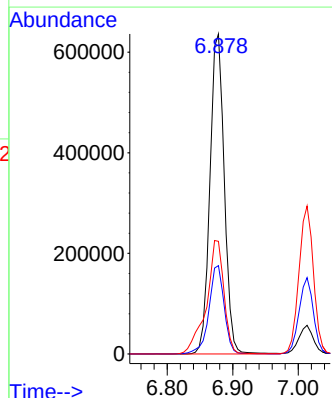
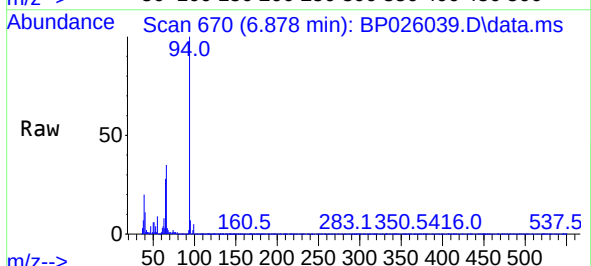
Manual Integrations
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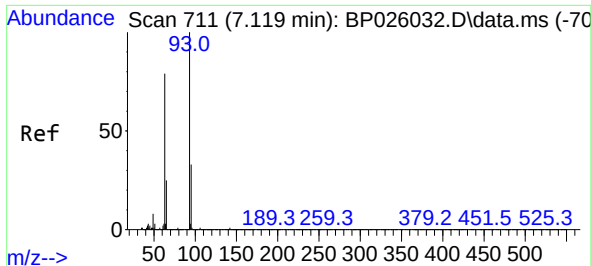
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#10
Phenol
Concen: 40.331 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion: 94 Resp: 969129
Ion Ratio Lower Upper
94 100
65 27.6 7.1 47.1
66 35.2 14.4 54.4





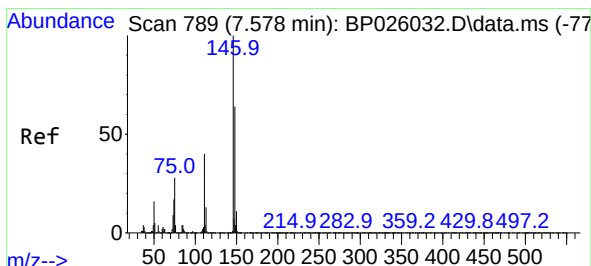
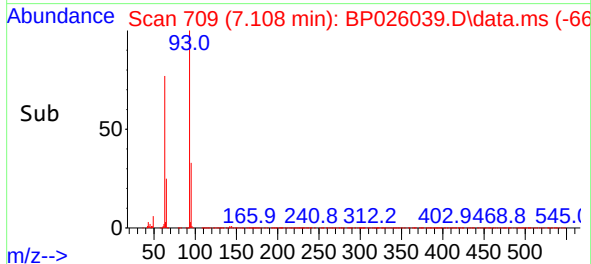
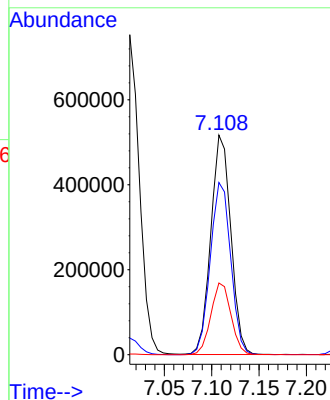
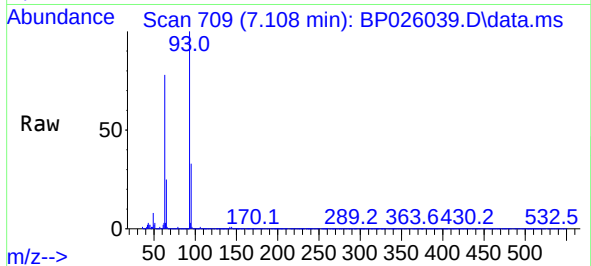
#11
bis(2-Chloroethyl)ether
Concen: 40.166 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 761692
Ion Ratio Lower Upper
93 100
63 78.4 59.1 99.1
95 32.7 12.6 52.6

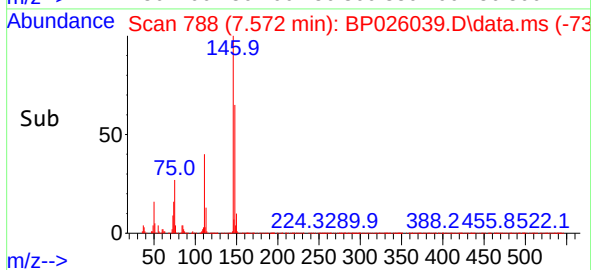
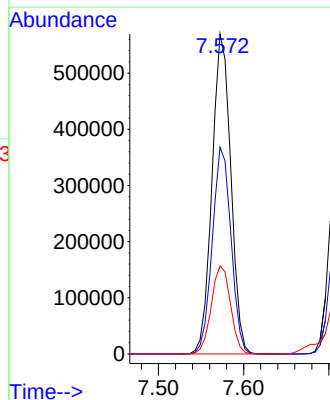
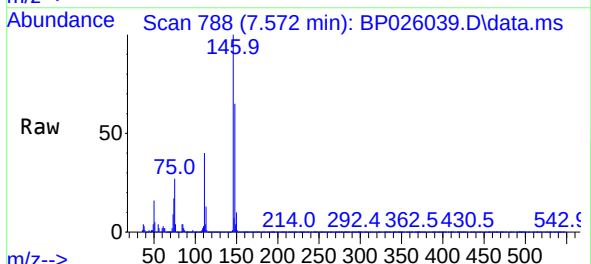
Manual Integrations
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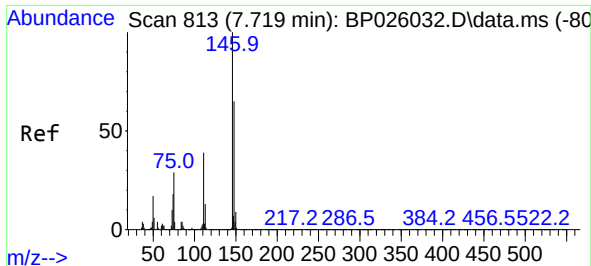
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#12
1,3-Dichlorobenzene
Concen: 40.430 ng
RT: 7.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:146 Resp: 874339
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 27.5 22.6 33.8





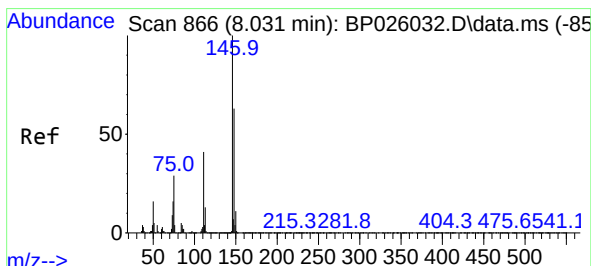
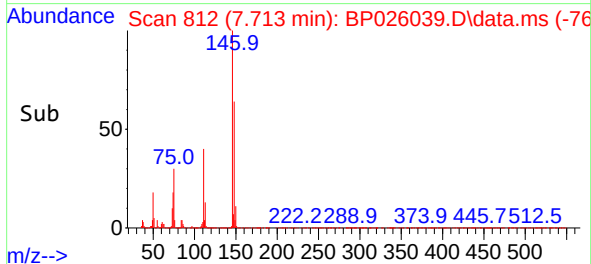
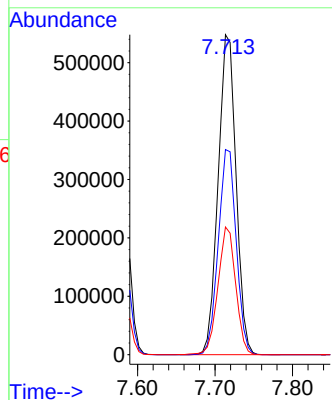
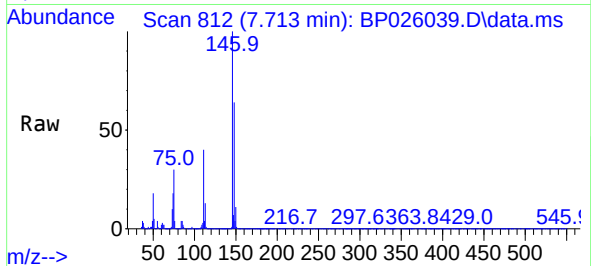
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1,4-Dichlorobenzene
Concen: 40.328 ng
RT: 7.713 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 881775
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.2
111 39.9 31.3 46.9

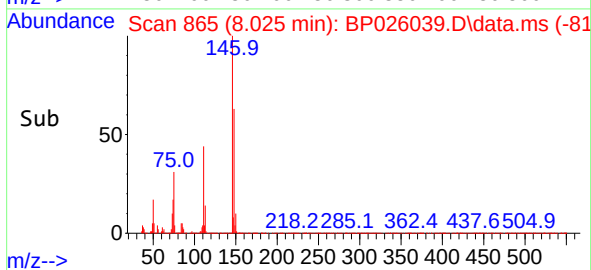
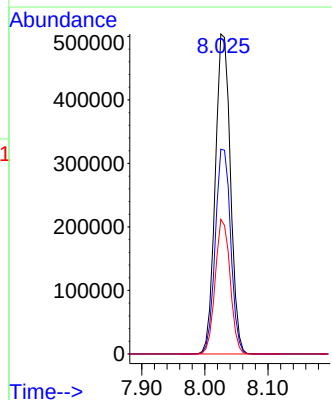
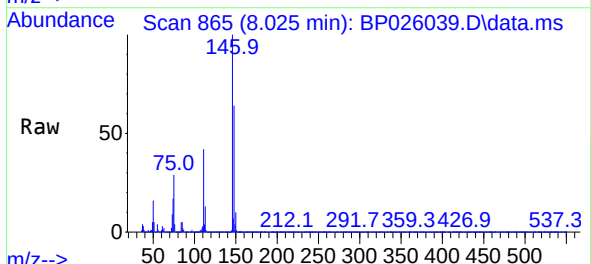
Manual Integrations
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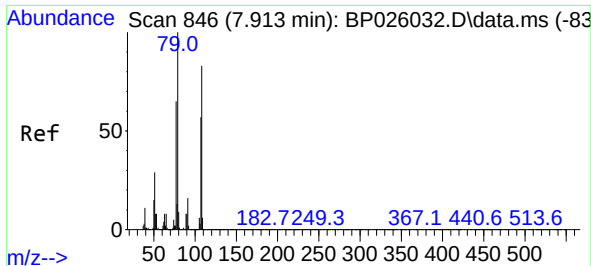
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#14
1,2-Dichlorobenzene
Concen: 40.273 ng
RT: 8.025 min Scan# 865
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:146 Resp: 840270
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 42.1 33.0 49.4





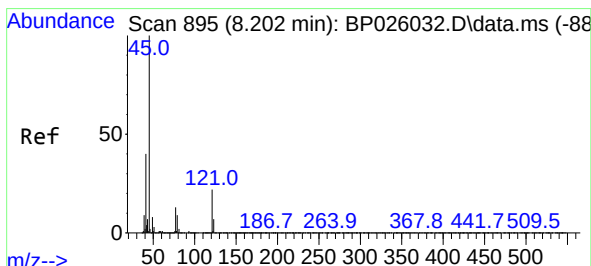
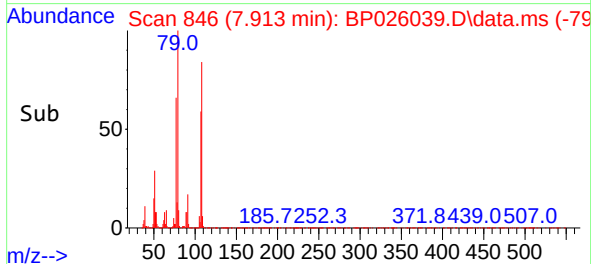
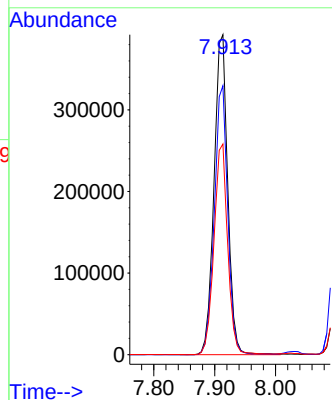
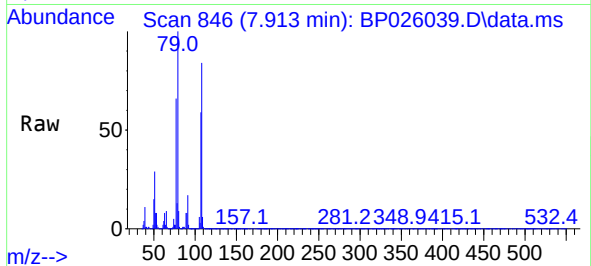
#15
Benzyl Alcohol
Concen: 39.172 ng
RT: 7.913 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 611235
Ion Ratio Lower Upper
79 100
108 84.1 66.0 99.0
77 65.8 52.3 78.5

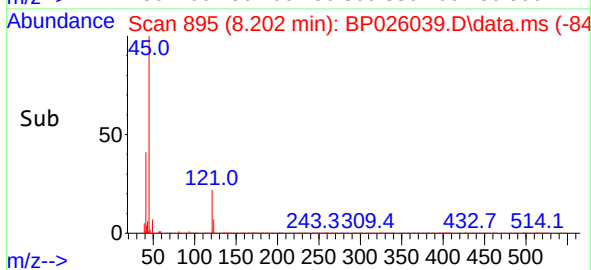
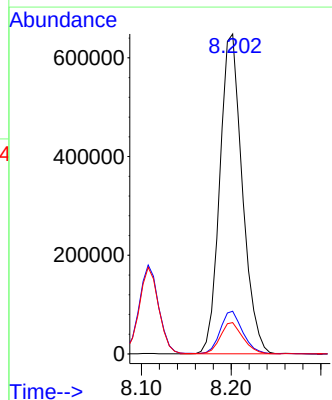
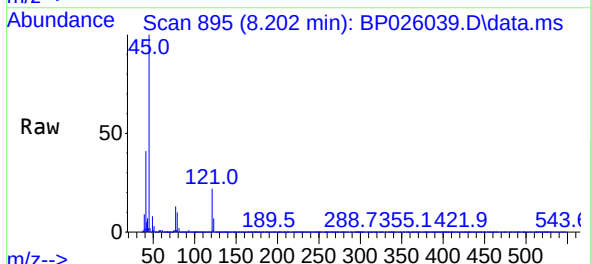
Manual Integrations
APPROVED

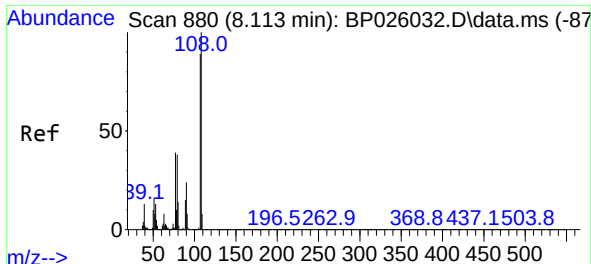
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.397 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

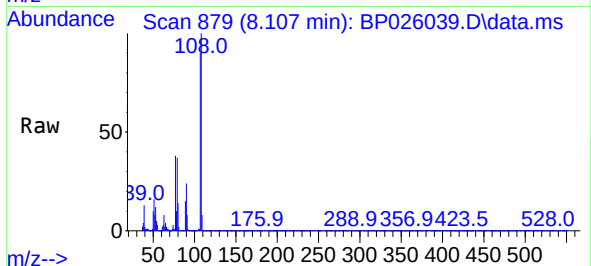
Tgt Ion: 45 Resp: 1129141
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.2
79 9.8 0.0 29.5





#17
2-Methylphenol
Concen: 40.646 ng
RT: 8.107 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

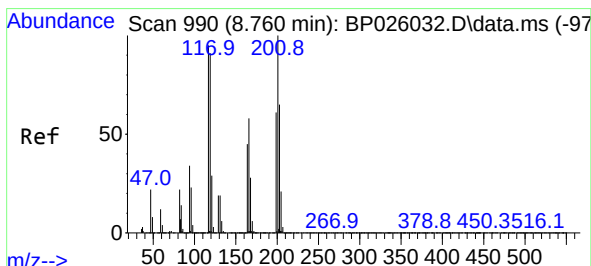
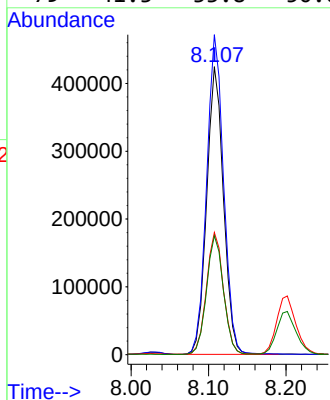
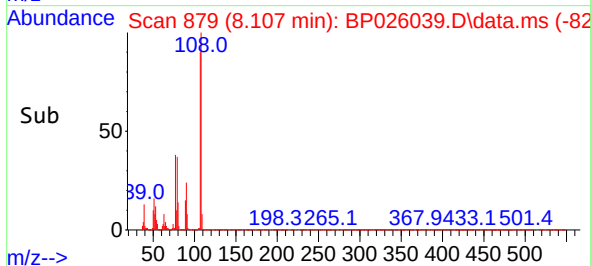
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



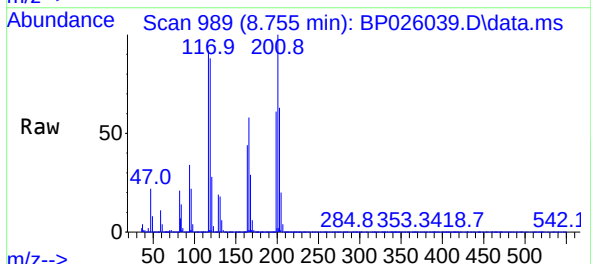
Tgt Ion:107 Resp: 63955
Ion Ratio Lower Upper
107 100
108 111.1 89.8 134.8
77 42.4 34.8 52.2
79 41.3 33.8 50.6

Manual Integrations
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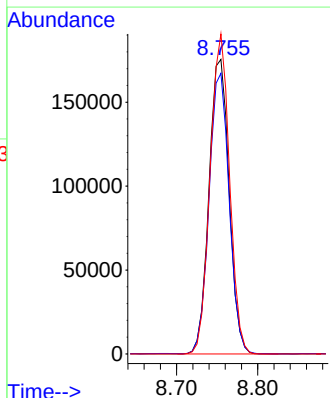
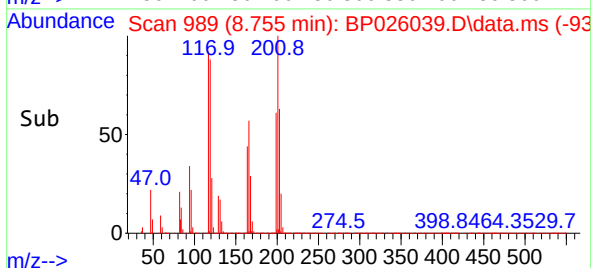
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

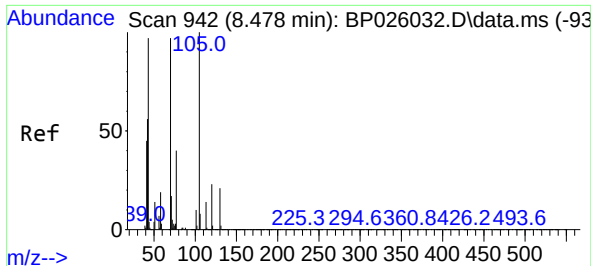


#18
Hexachloroethane
Concen: 40.423 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



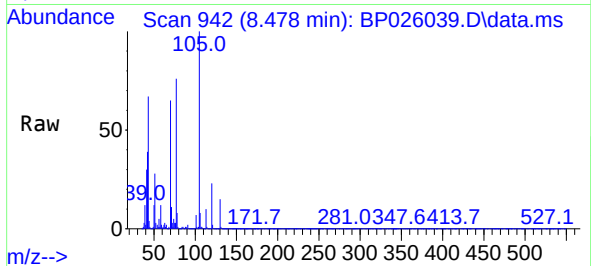
Tgt Ion:117 Resp: 302447
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
201 108.6 84.2 126.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.034 ng
RT: 8.478 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

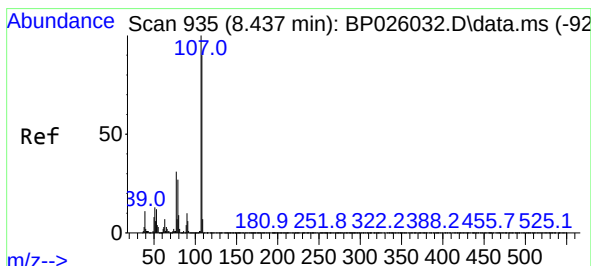
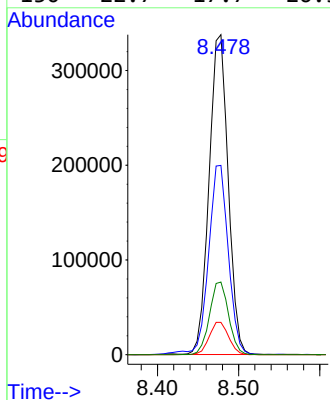
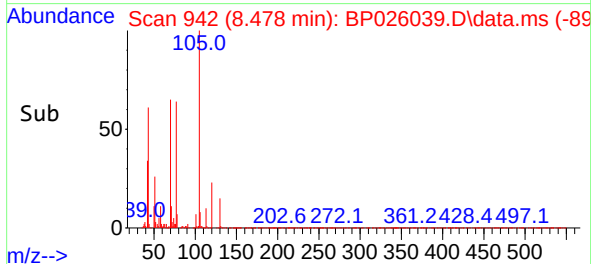
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



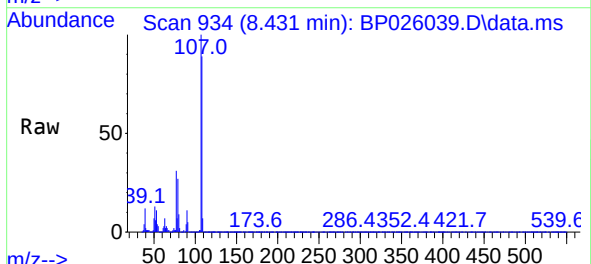
Tgt Ion: 70 Resp: 55132
Ion Ratio Lower Upper
70 100
42 59.1 47.2 70.8
101 10.1 8.2 12.2
130 22.7 17.7 26.5

Manual Integrations
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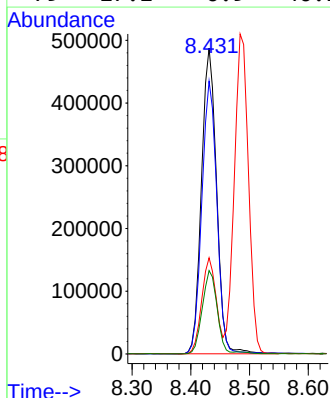
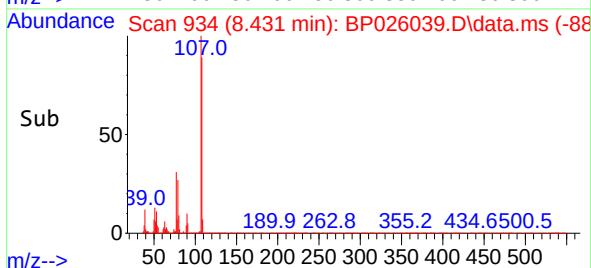
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

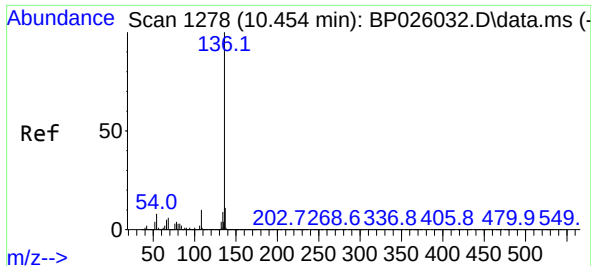


#20
3+4-Methylphenols
Concen: 39.634 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



Tgt Ion:107 Resp: 867573
Ion Ratio Lower Upper
107 100
108 89.2 70.1 110.1
77 31.4 10.7 50.7
79 27.2 6.9 46.9





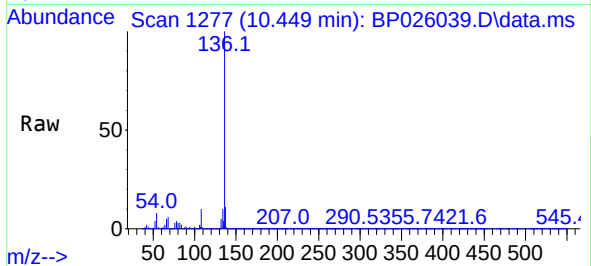
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 1128649

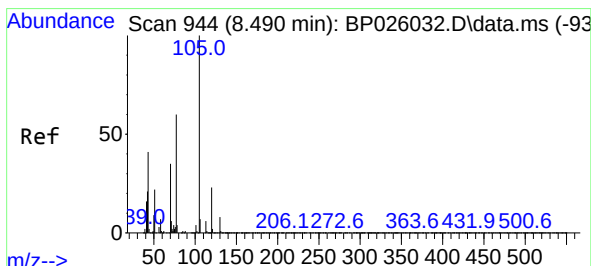
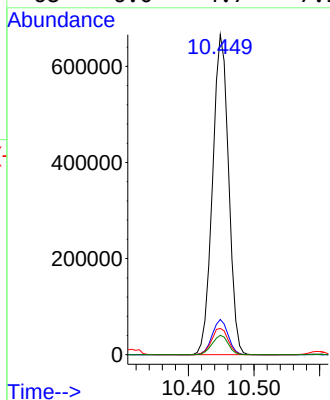
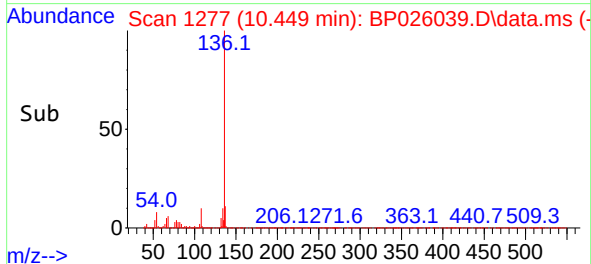
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	6.6	10.0
68	6.0	4.7	7.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/31/2025

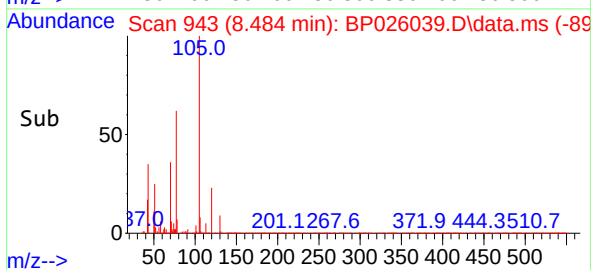
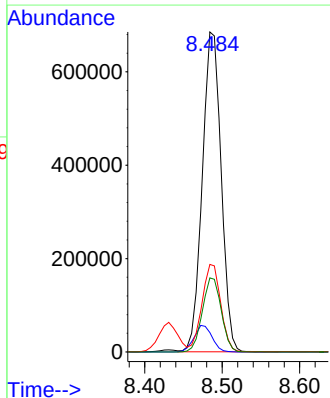
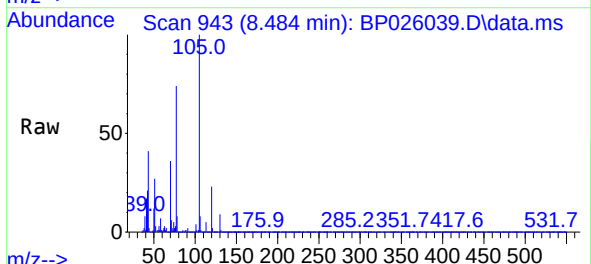
Supervised By :Jagrut Upadhyay 10/31/2025

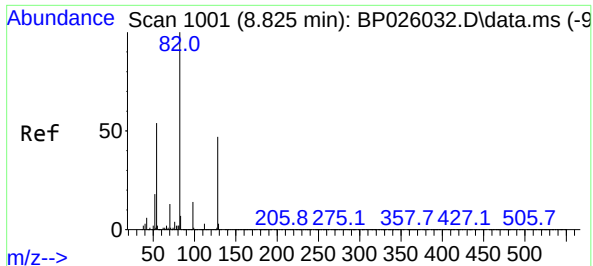


#22
Acetophenone
Concen: 40.585 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:105 Resp: 1158478

Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.7	7.1
51	27.4	21.8	32.8
120	23.1	18.7	28.1





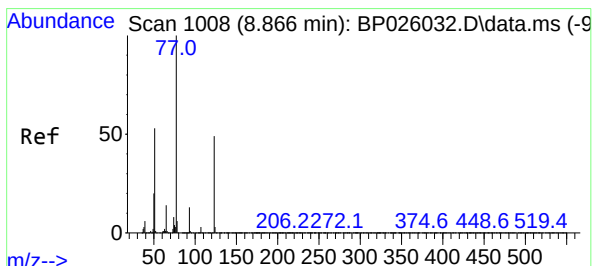
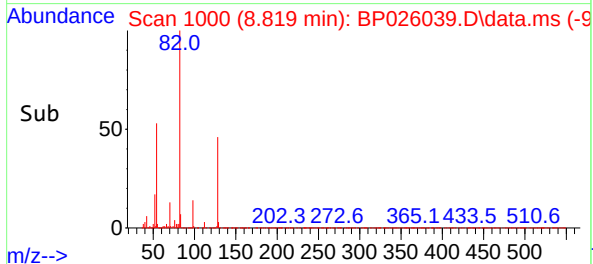
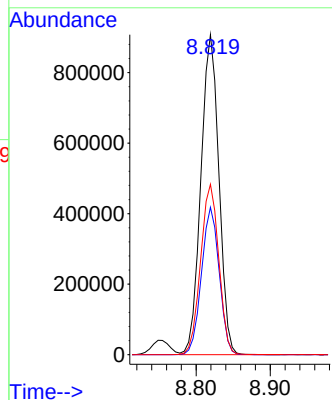
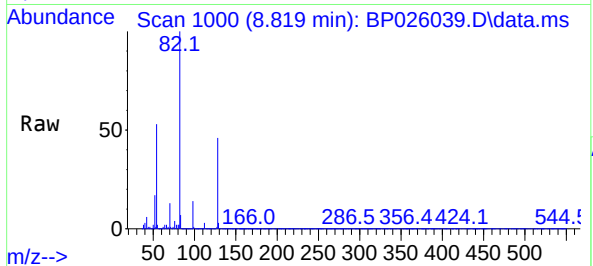
#23
Nitrobenzene-d5
Concen: 84.525 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1530290
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.0
54 53.3 42.7 64.1

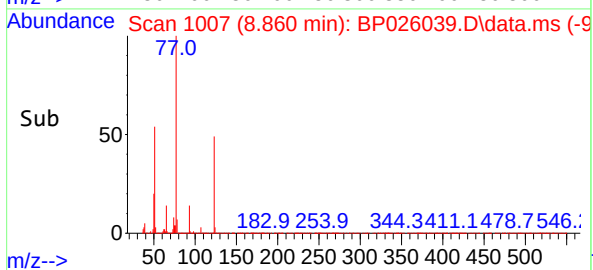
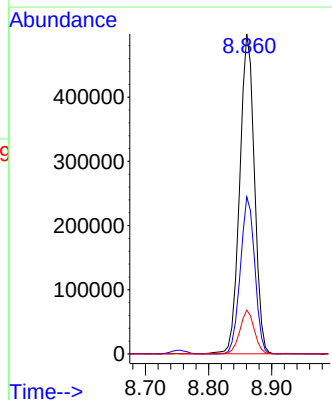
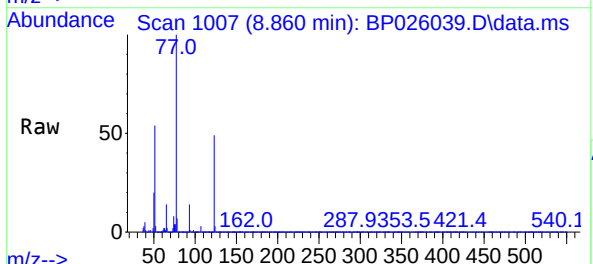
Manual Integrations
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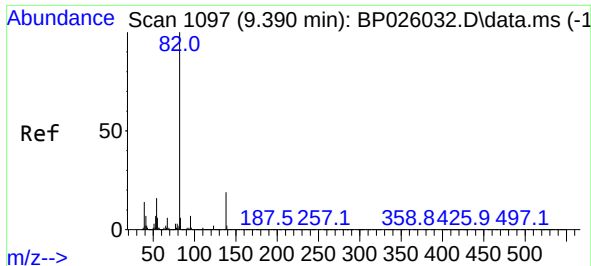
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#24
Nitrobenzene
Concen: 42.154 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion: 77 Resp: 805808
Ion Ratio Lower Upper
77 100
123 49.1 39.0 58.4
65 13.7 10.9 16.3





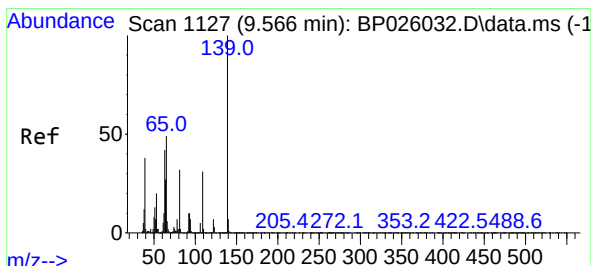
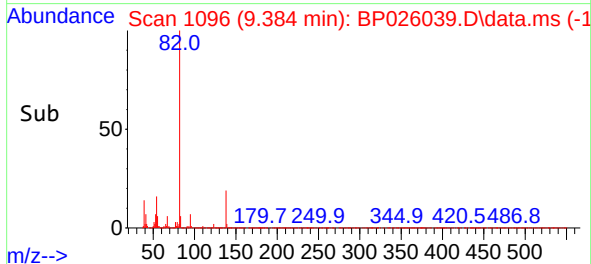
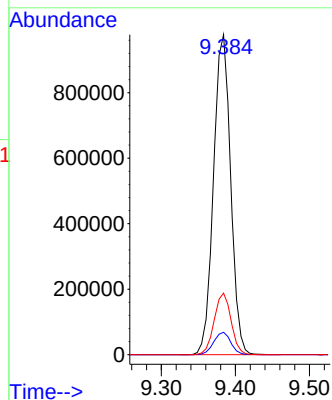
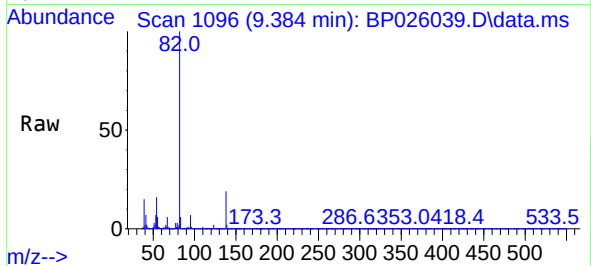
#25
Isophorone
Concen: 40.404 ng
RT: 9.384 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1565730
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.2 15.0 22.6

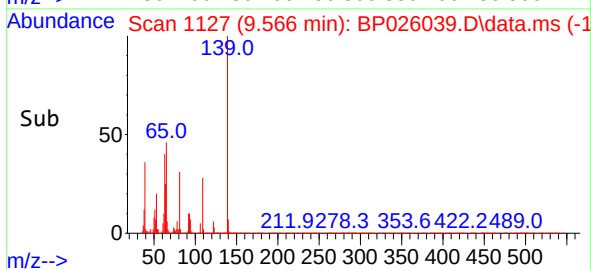
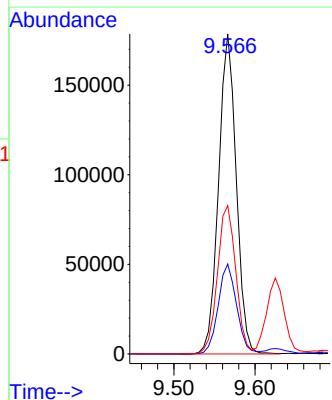
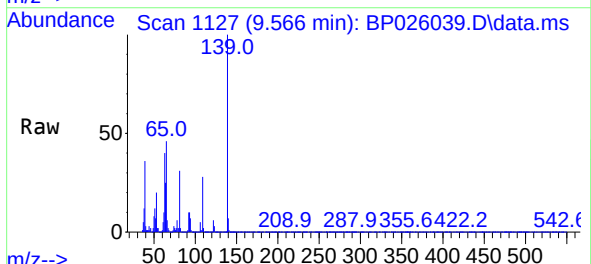
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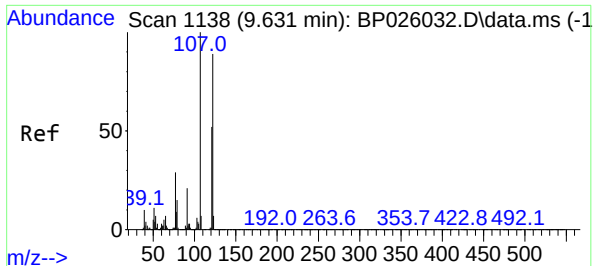
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#26
2-Nitrophenol
Concen: 38.969 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:139 Resp: 270435
Ion Ratio Lower Upper
139 100
109 28.1 24.8 37.2
65 46.4 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 40.803 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :

BNA_P

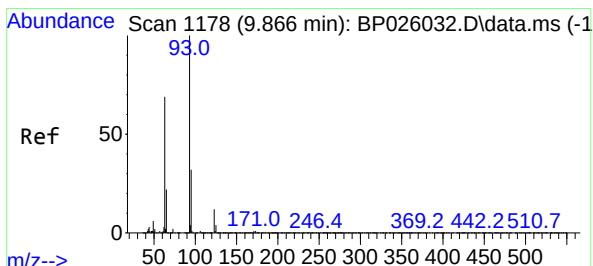
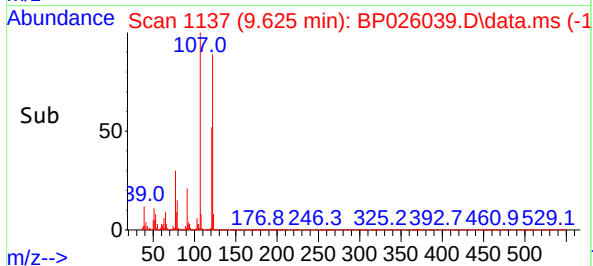
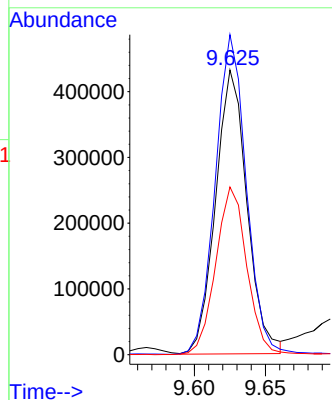
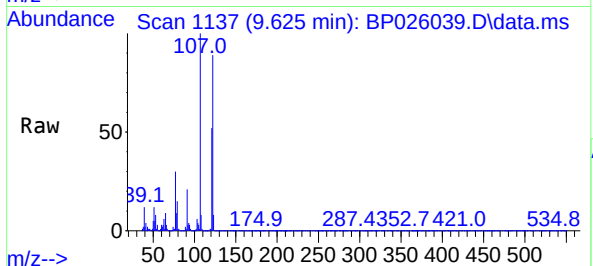
ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 66492
Ion Ratio Lower Upper
122 100
107 112.4 89.2 133.8
121 58.9 46.3 69.5

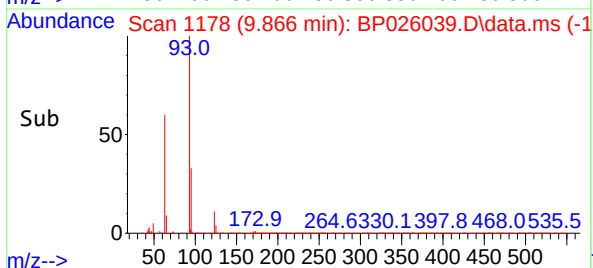
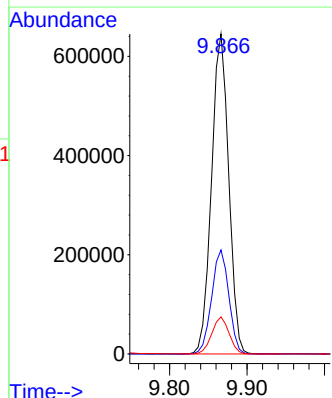
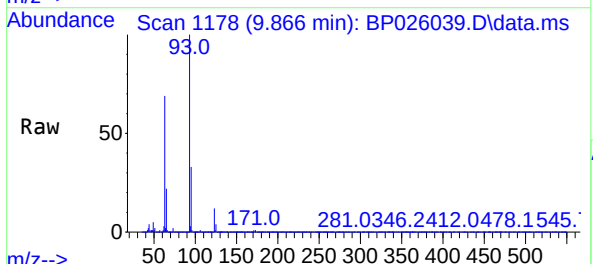
Manual Integrations
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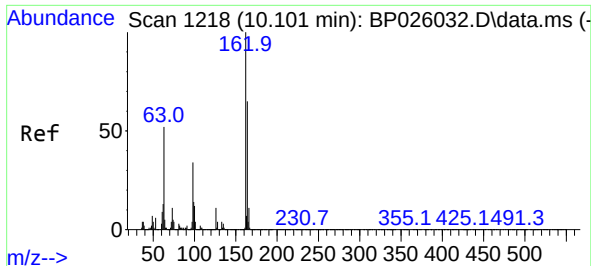
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.623 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion: 93 Resp: 992102
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.6 9.3 13.9





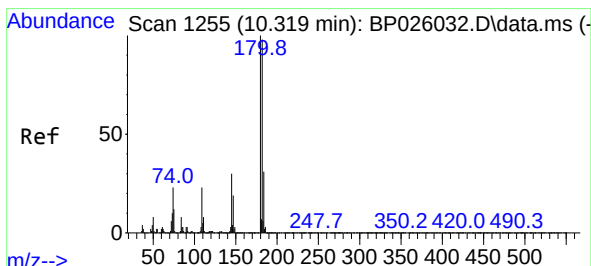
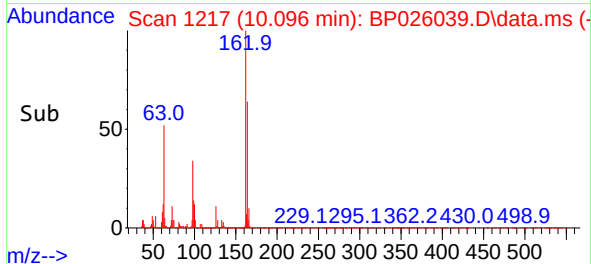
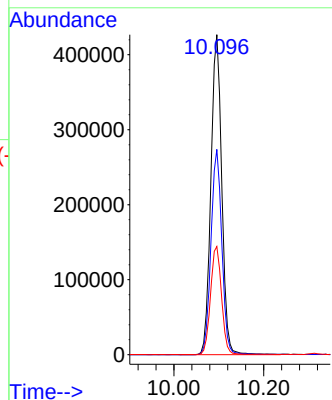
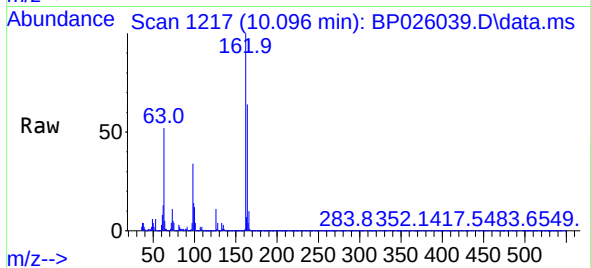
#29
2,4-Dichlorophenol
Concen: 41.631 ng
RT: 10.096 min Scan# 10
Delta R.T. 0.001 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 716320
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 33.8 14.0 54.0

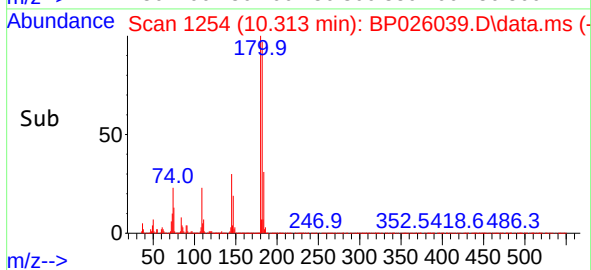
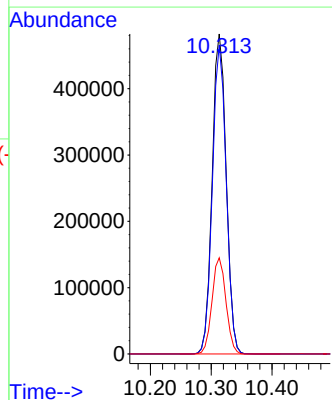
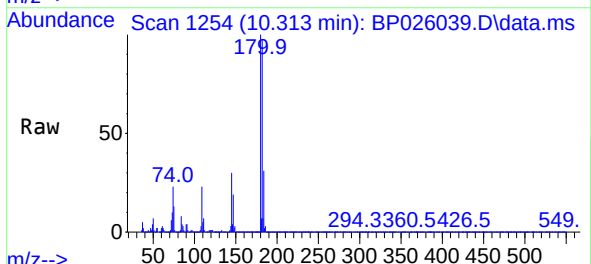
Manual Integrations
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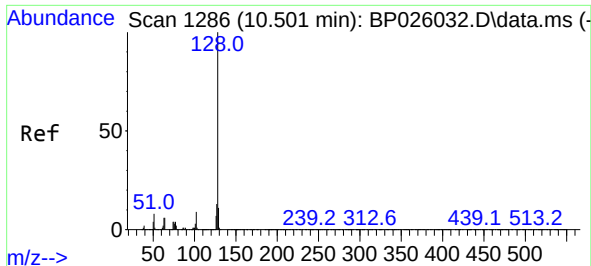
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.179 ng
RT: 10.313 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:180 Resp: 770124
Ion Ratio Lower Upper
180 100
182 96.5 78.6 117.8
145 30.1 24.2 36.4





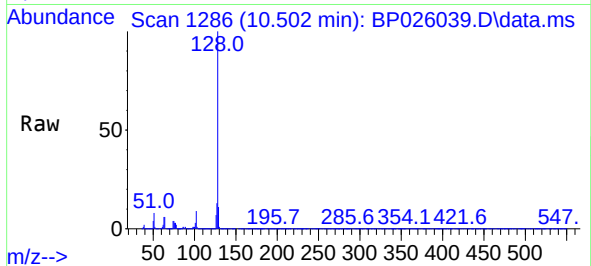
#31
Naphthalene
Concen: 40.897 ng
RT: 10.502 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



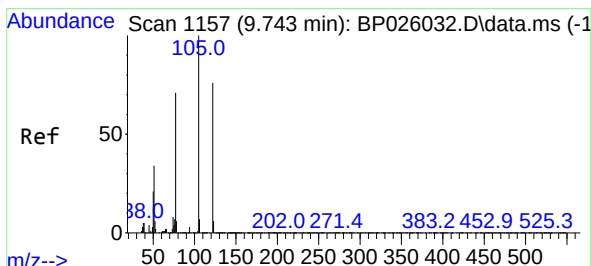
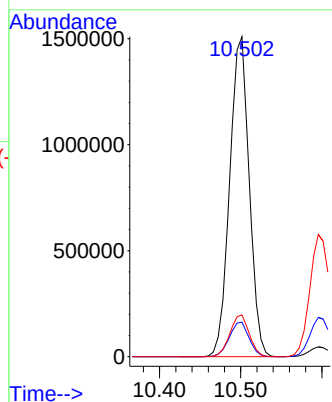
Tgt Ion:128 Resp: 251712
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.5 15.7

Manual Integrations

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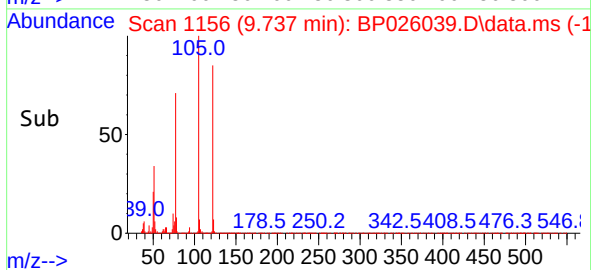
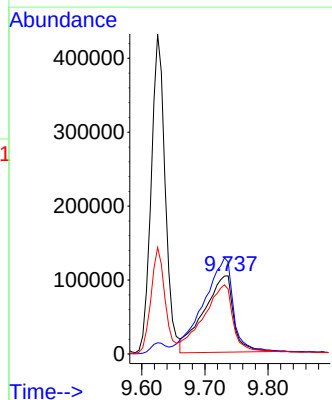
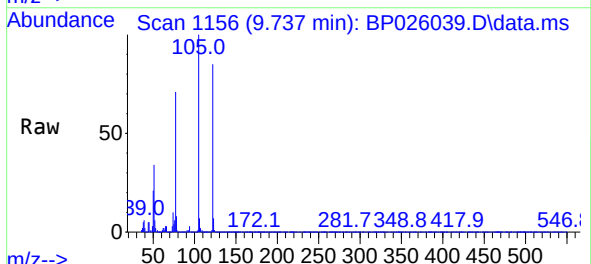
Reviewed By :Rahul Chavli 10/31/2025

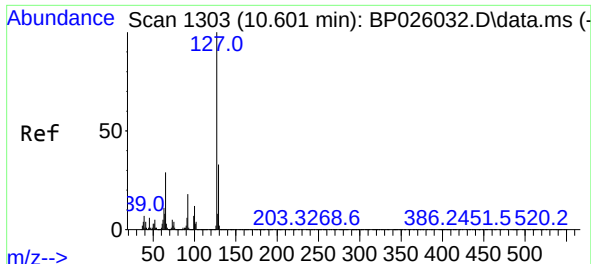
Supervised By :Jagrut Upadhyay 10/31/2025



#32
Benzoic acid
Concen: 37.627 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.041 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

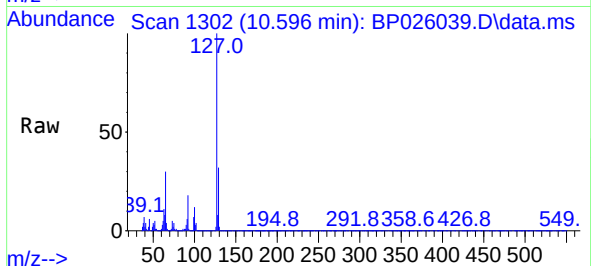
Tgt Ion:122 Resp: 340315
Ion Ratio Lower Upper
122 100
105 117.6 104.8 144.8
77 83.0 70.9 110.9





#33
4-Chloroaniline
Concen: 41.648 ng
RT: 10.596 min Scan# 11
Delta R.T. 0.001 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

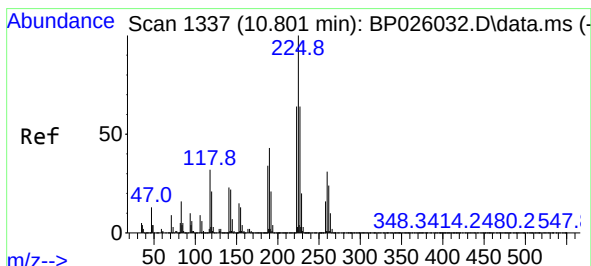
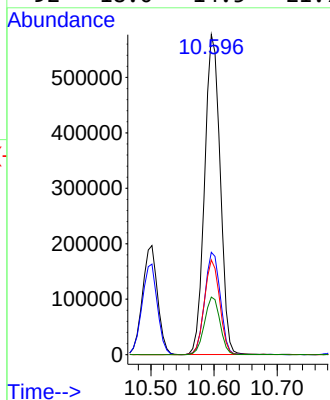
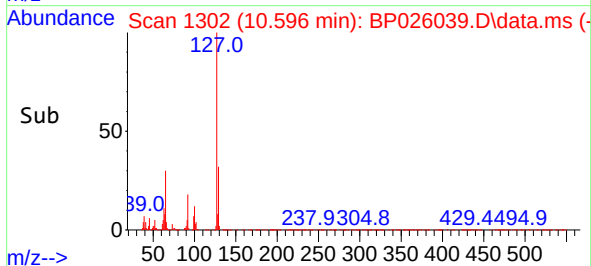
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



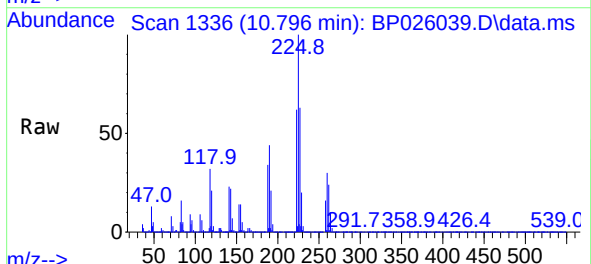
Tgt Ion:127 Resp: 98500
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 29.6 23.2 34.8
92 18.0 14.5 21.7

Manual Integrations
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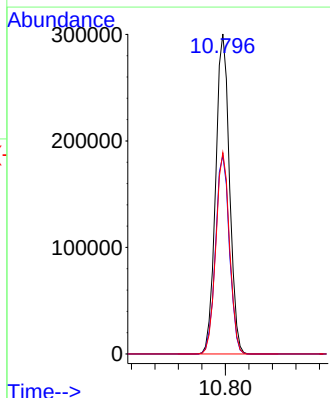
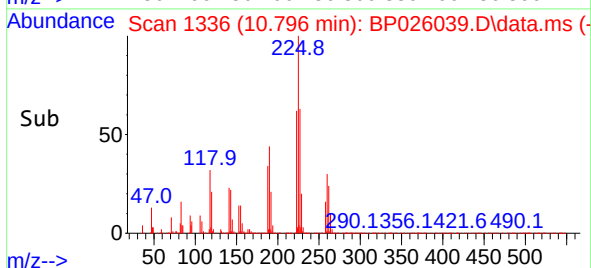
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

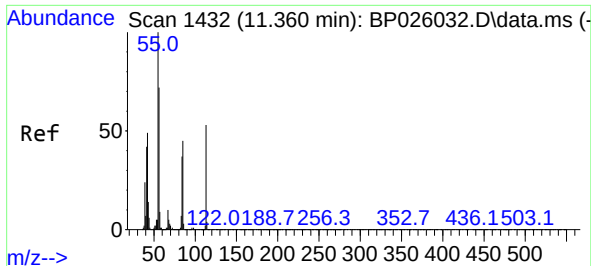


#34
Hexachlorobutadiene
Concen: 41.083 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



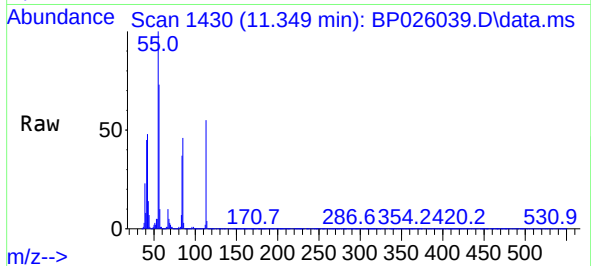
Tgt Ion:225 Resp: 488259
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 62.9 51.0 76.4





#35
Caprolactam
Concen: 40.137 ng
RT: 11.349 min Scan# 1432
Delta R.T. -0.035 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

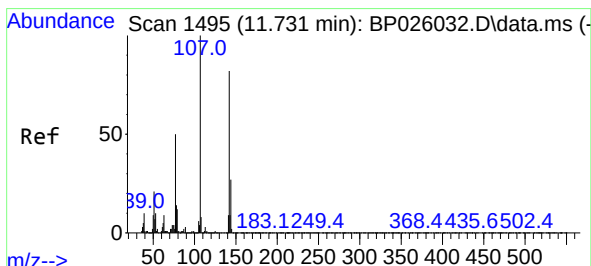
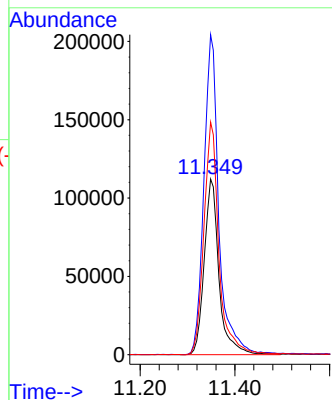
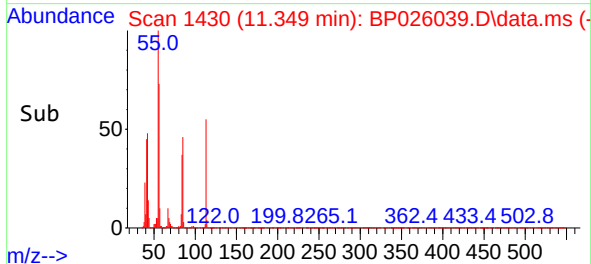
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



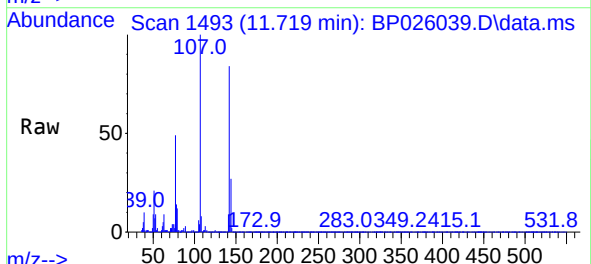
Tgt Ion:113 Resp: 242510
Ion Ratio Lower Upper
113 100
55 182.1 169.9 209.9
56 132.3 116.7 156.7

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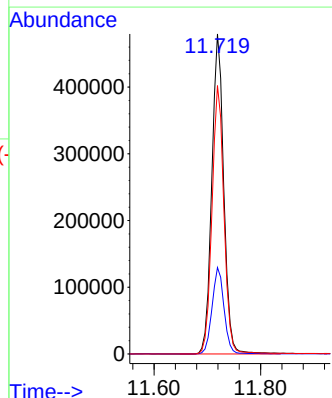
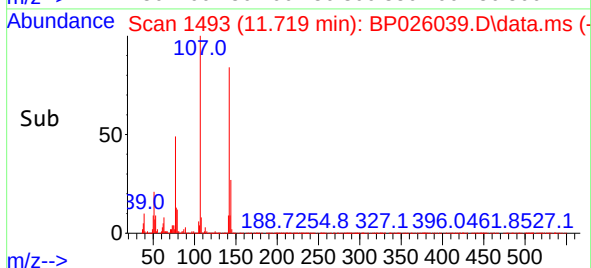
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

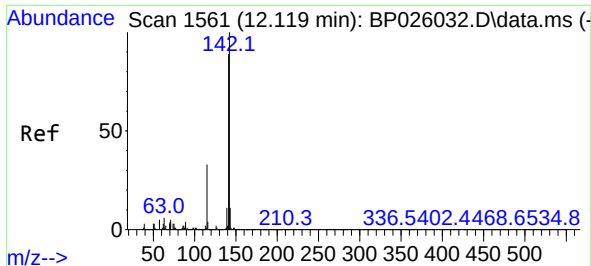


#36
4-Chloro-3-methylphenol
Concen: 41.480 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



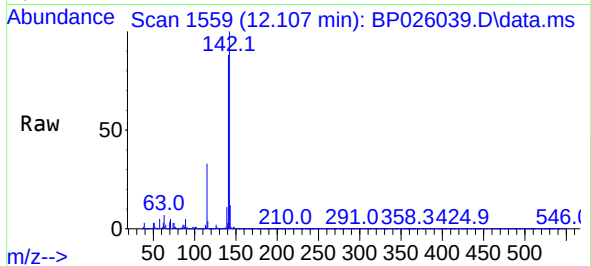
Tgt Ion:107 Resp: 748192
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 83.9 65.2 97.8





#37
2-Methylnaphthalene
Concen: 40.623 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

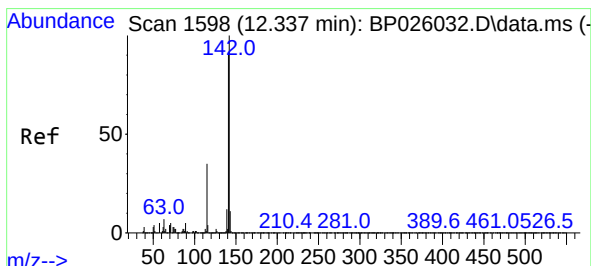
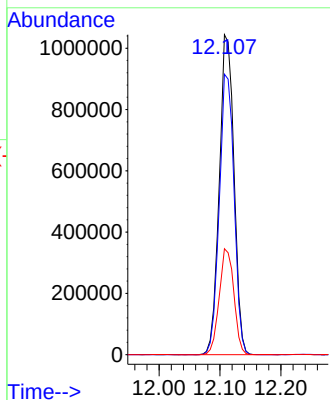
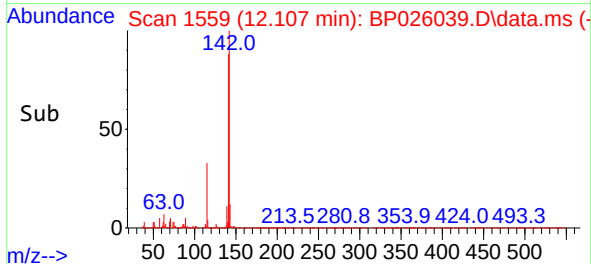
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1749924
Ion Ratio Lower Upper
142 100
141 87.6 71.6 107.4
115 33.1 26.6 39.8

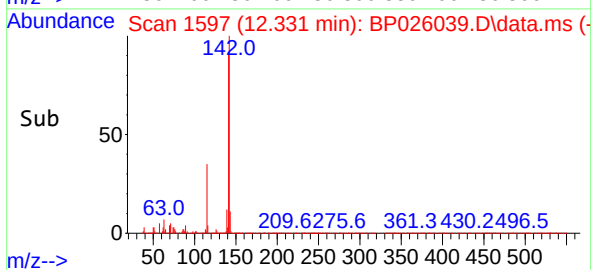
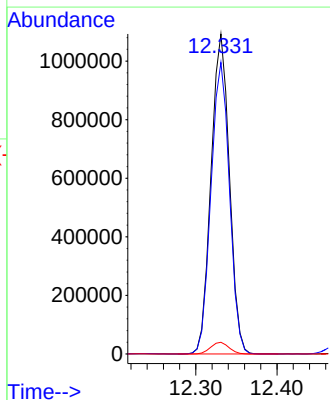
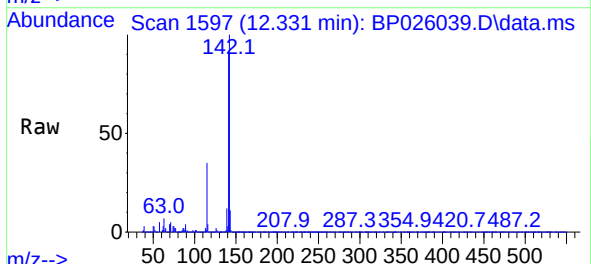
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APPROVED

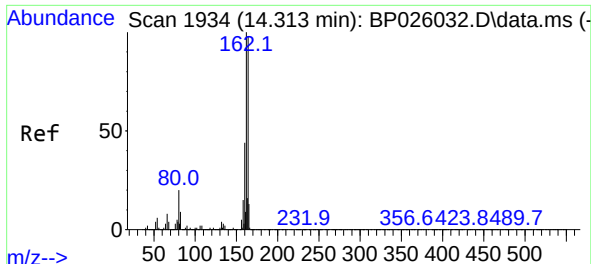
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#38
1-Methylnaphthalene
Concen: 40.934 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

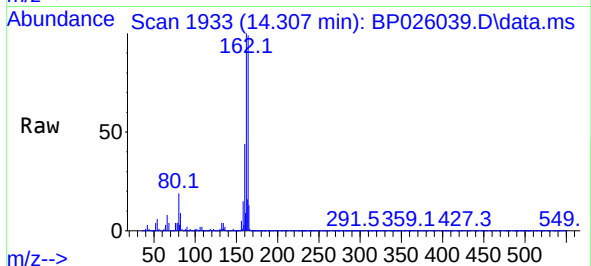
Tgt Ion:142 Resp: 1713086
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

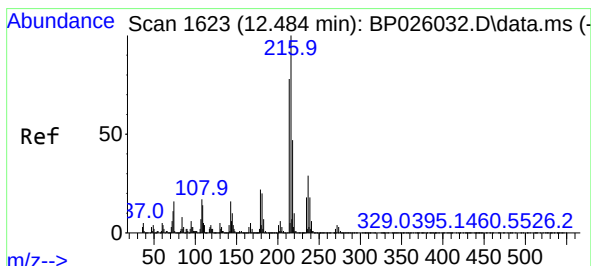
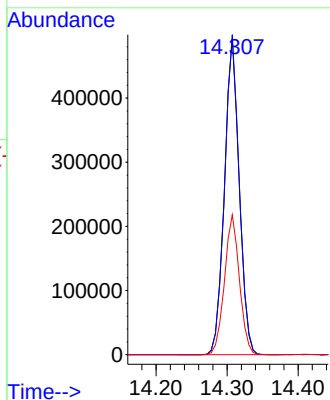
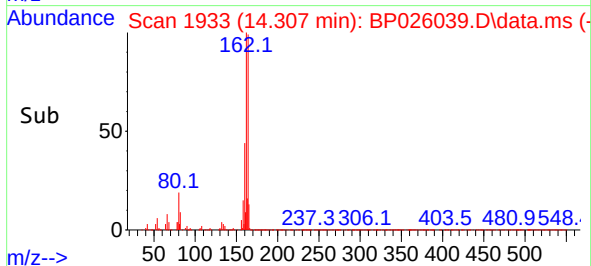
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 707800
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 44.2 36.2 54.4

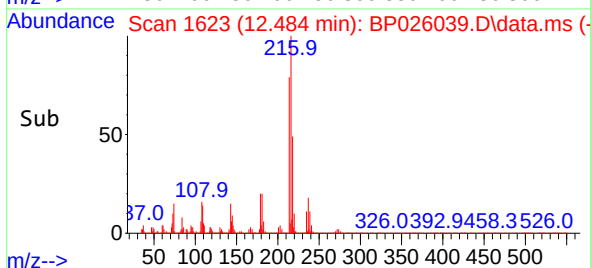
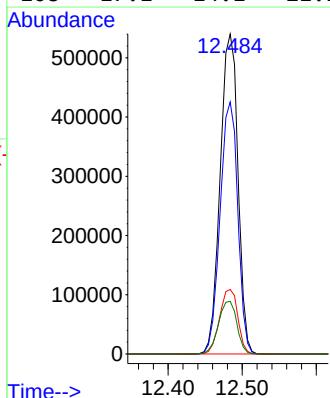
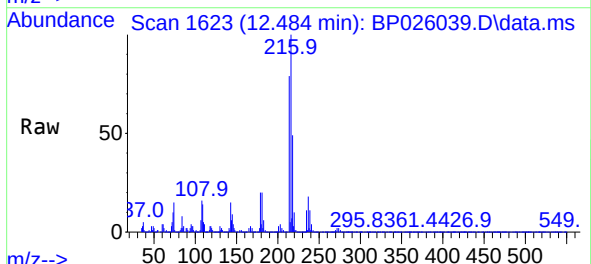
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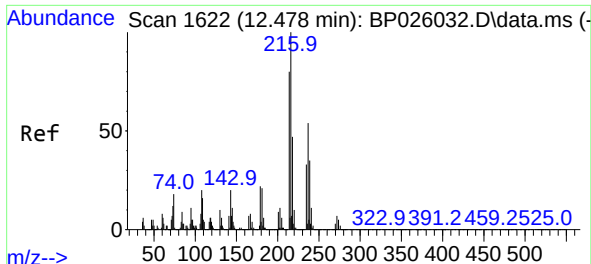
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.951 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

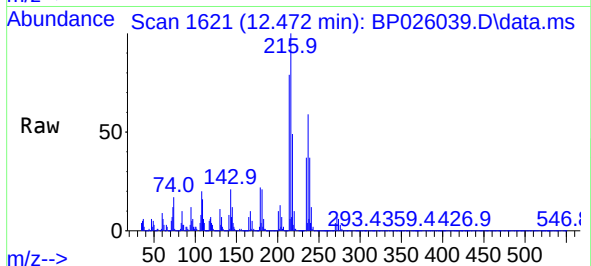
Tgt Ion:216 Resp: 900603
Ion Ratio Lower Upper
216 100
214 78.3 62.9 94.3
179 20.6 16.9 25.3
108 17.1 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 38.348 ng
RT: 12.472 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

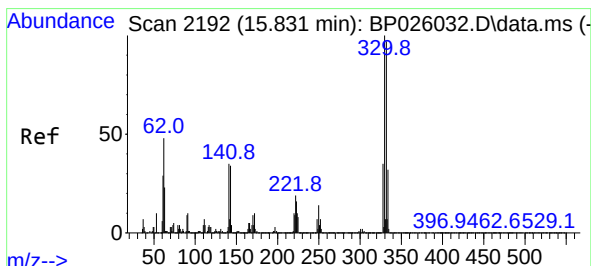
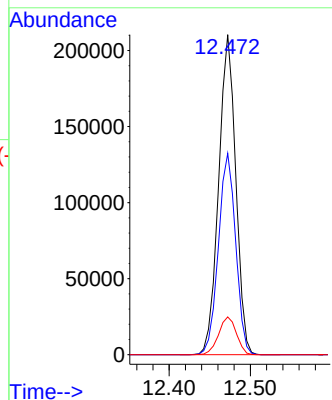
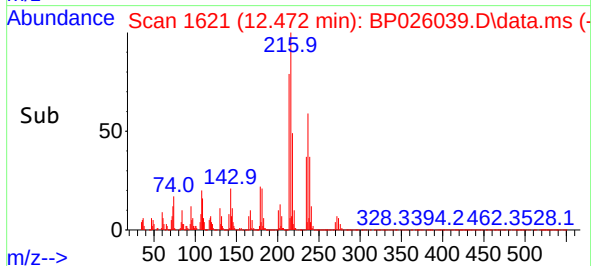
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



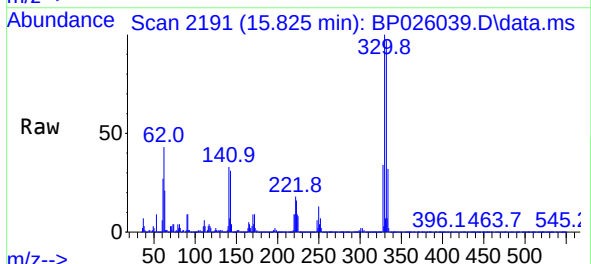
Tgt Ion: 237 Resp: 30857
Ion Ratio Lower Upper
237 100
235 62.9 40.4 80.4
272 11.8 0.0 32.2

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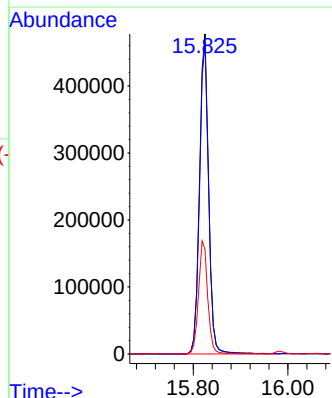
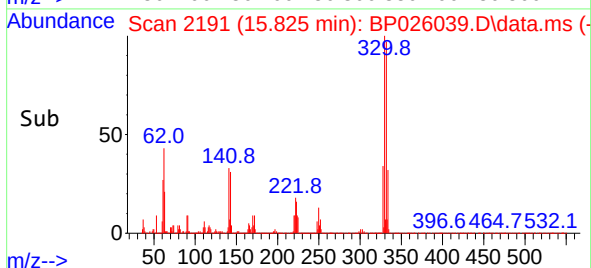
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

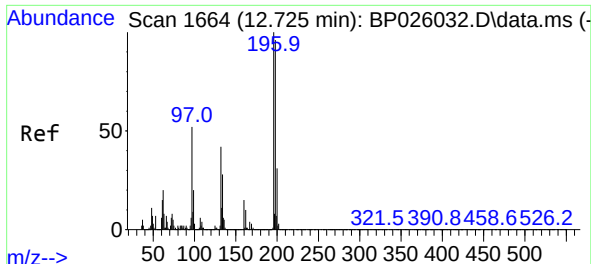


#42
2,4,6-Tribromophenol
Concen: 83.487 ng
RT: 15.825 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



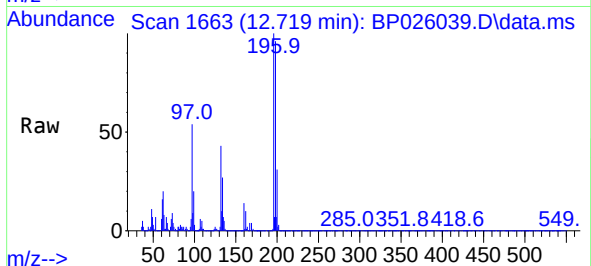
Tgt Ion: 330 Resp: 638841
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 35.5 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 41.914 ng
RT: 12.719 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

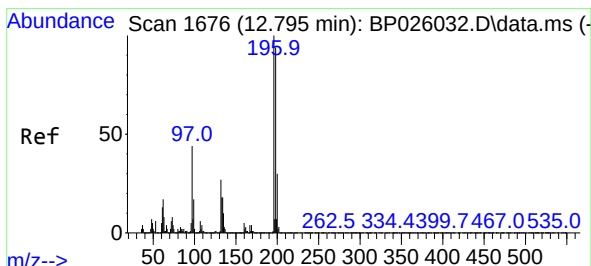
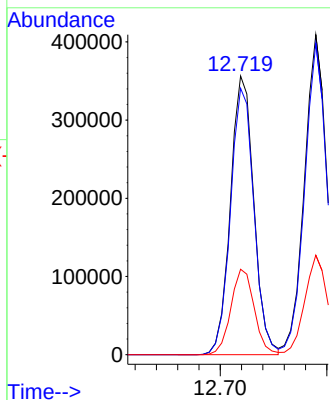
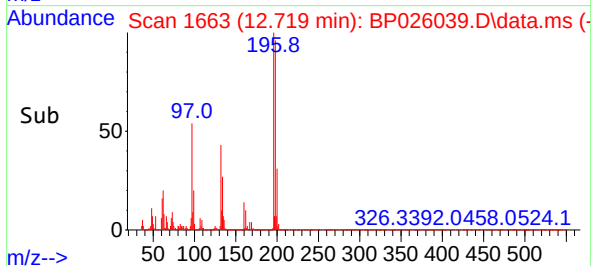
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



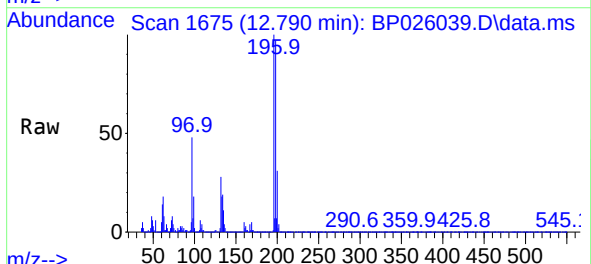
Tgt Ion:196 Resp: 54485
Ion Ratio Lower Upper
196 100
198 95.5 76.5 114.7
200 30.6 24.4 36.6

Manual Integrations
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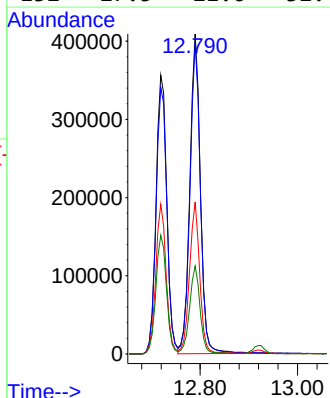
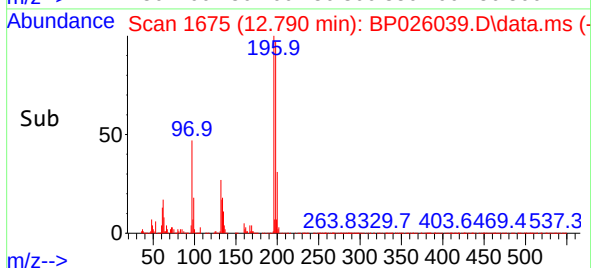
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

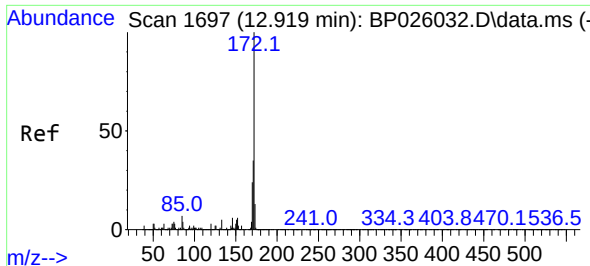


#44
2,4,5-Trichlorophenol
Concen: 41.696 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



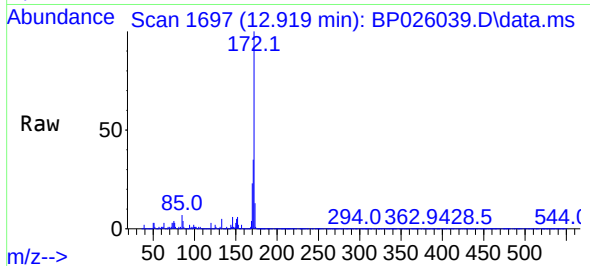
Tgt Ion:196 Resp: 618469
Ion Ratio Lower Upper
196 100
198 97.4 75.1 112.7
97 47.5 35.5 53.3
132 27.5 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 81.295 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

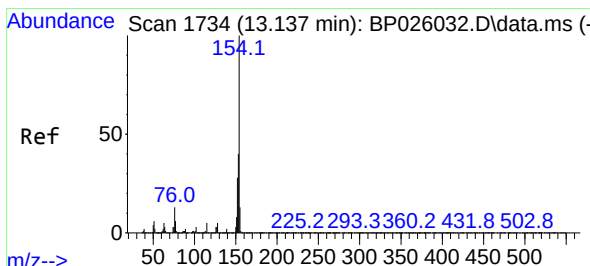
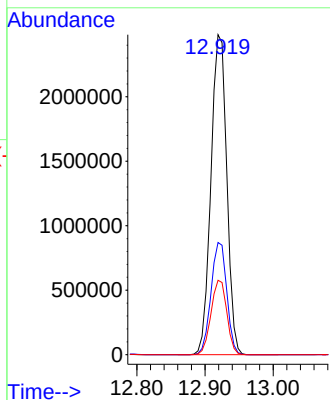
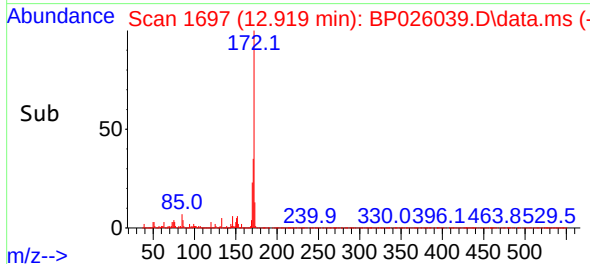
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



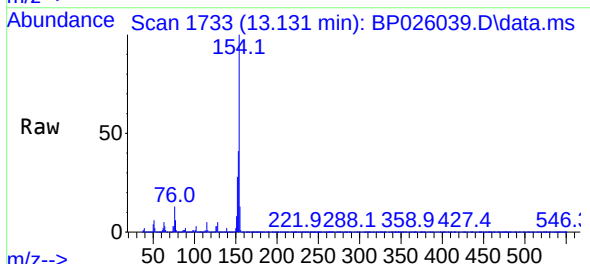
Tgt Ion:172 Resp: 400440
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.2 19.0 28.4

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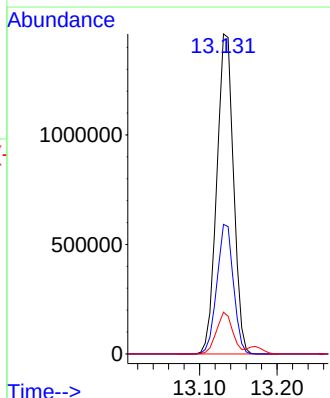
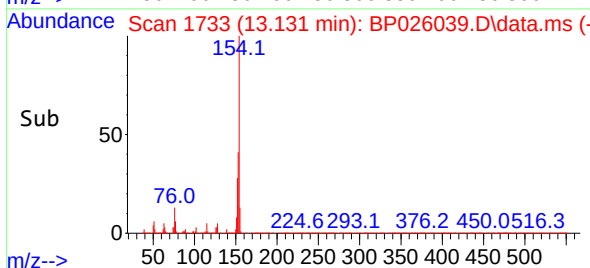
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

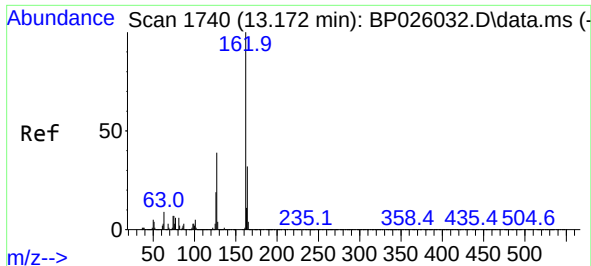


#46
1,1'-Biphenyl
Concen: 40.406 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



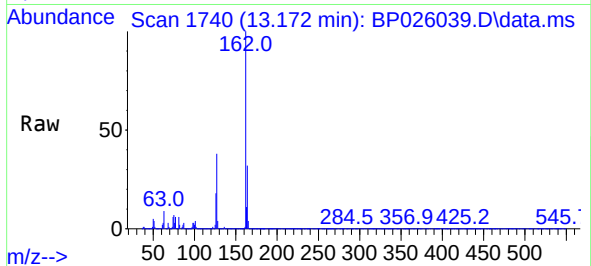
Tgt Ion:154 Resp: 2189844
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 13.1 0.0 32.8





#47
2-Chloronaphthalene
Concen: 40.509 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

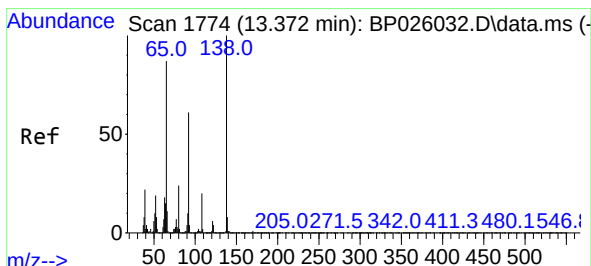
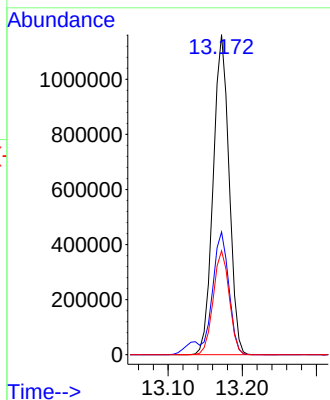
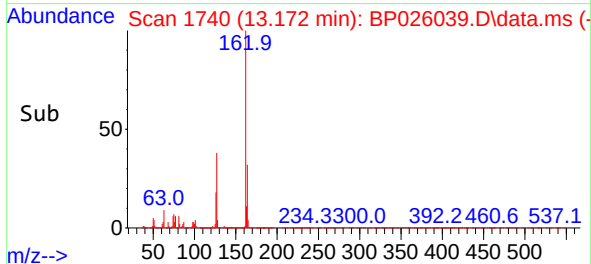
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



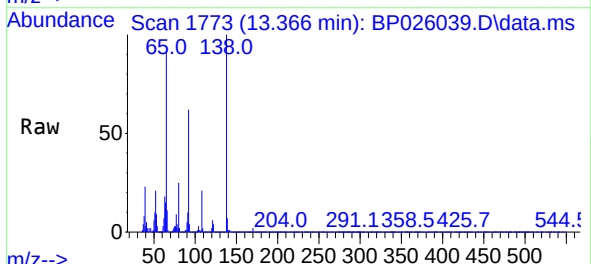
Tgt Ion:162 Resp: 172735
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 32.4 25.9 38.9

Manual Integrations
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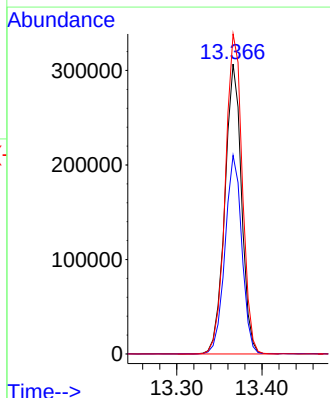
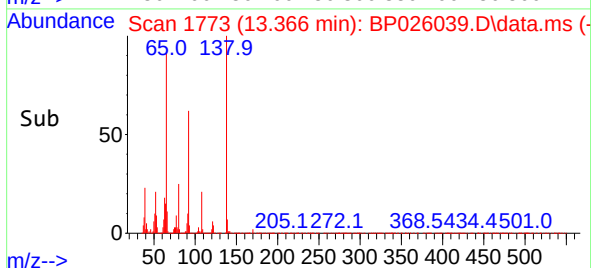
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

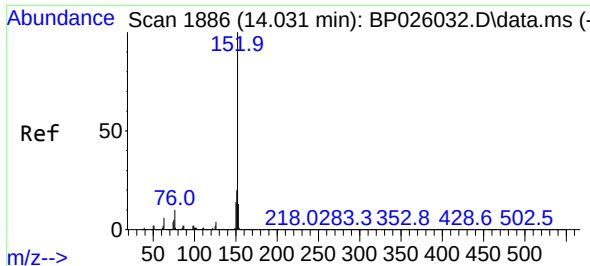


#48
2-Nitroaniline
Concen: 38.606 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



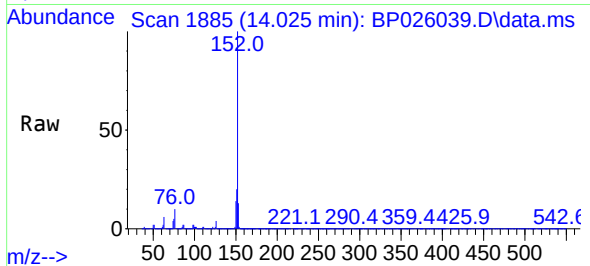
Tgt Ion: 65 Resp: 416997
Ion Ratio Lower Upper
65 100
92 68.5 55.5 83.3
138 110.4 91.7 137.5





#49
Acenaphthylene
Concen: 40.959 ng
RT: 14.025 min Scan# 1885
Delta R.T. -0.011 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

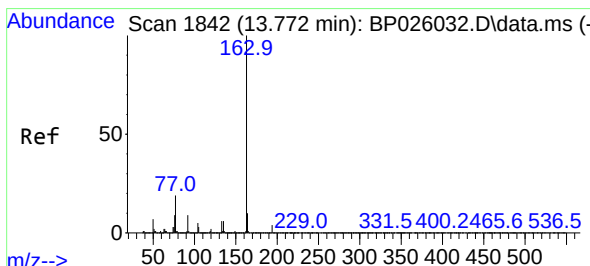
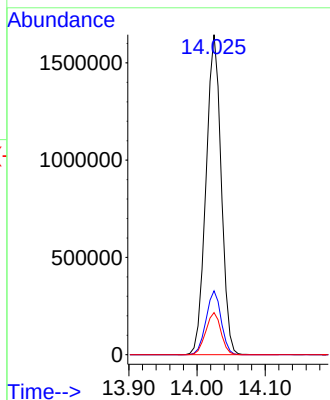
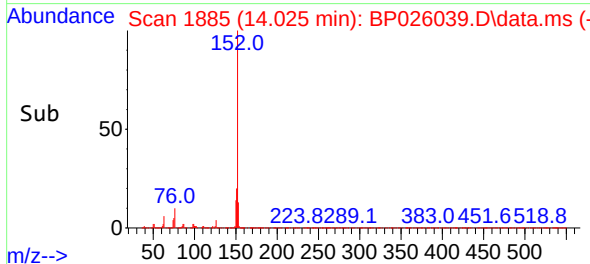
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



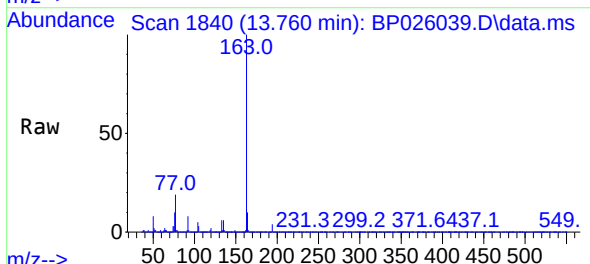
Tgt Ion:152 Resp: 2545640
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations
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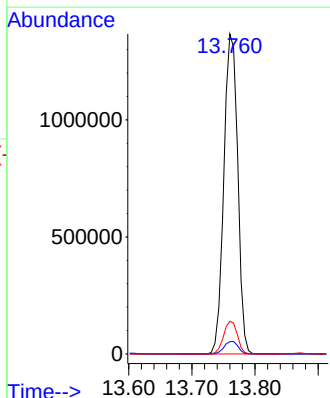
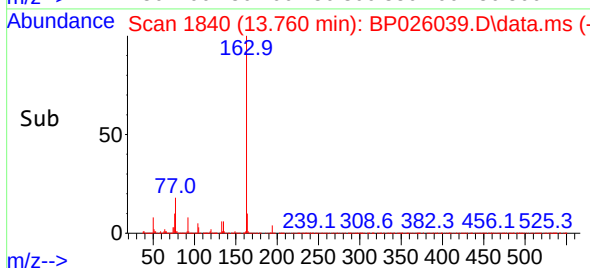
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

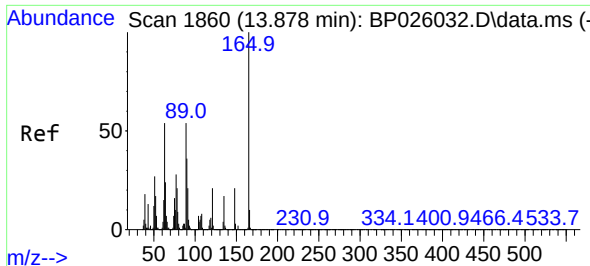


#50
Dimethylphthalate
Concen: 40.477 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



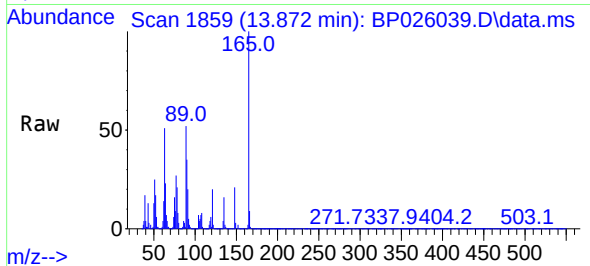
Tgt Ion:163 Resp: 2083950
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 38.999 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

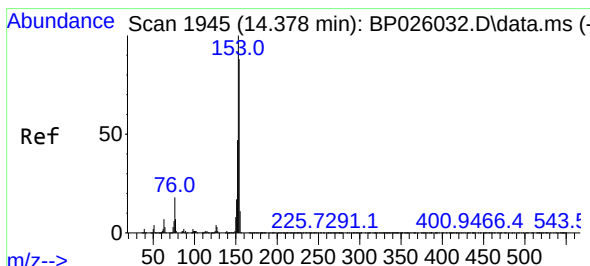
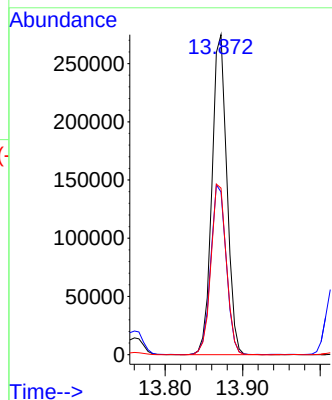
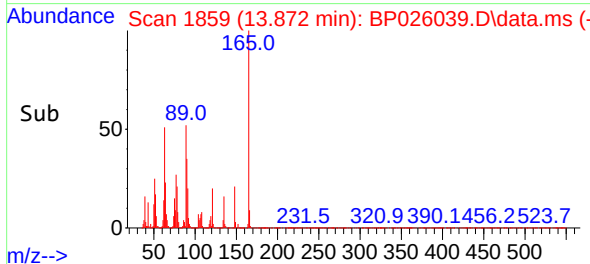
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



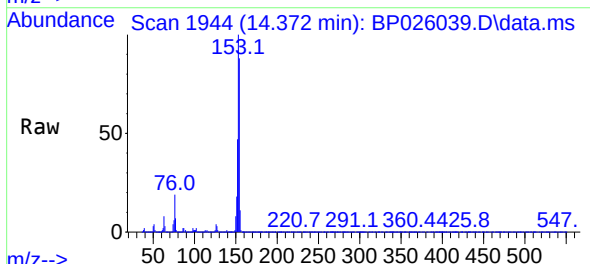
Tgt Ion:165 Resp: 36913
Ion Ratio Lower Upper
165 100
63 50.8 43.0 64.4
89 52.0 43.0 64.4

Manual Integrations
APPROVED

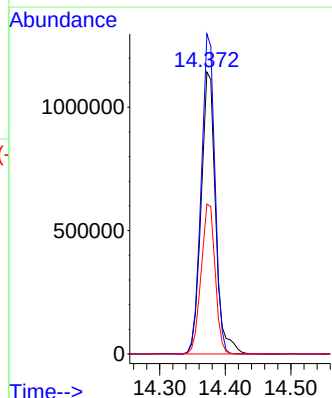
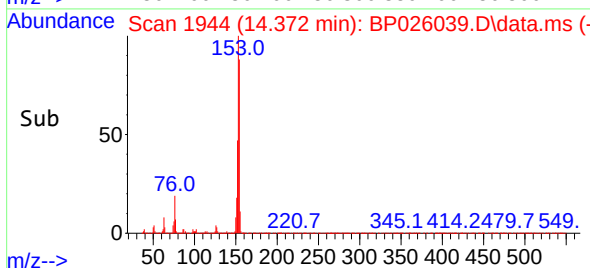
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

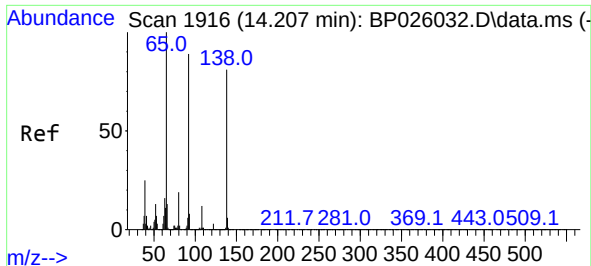


#52
Acenaphthene
Concen: 41.060 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.011 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



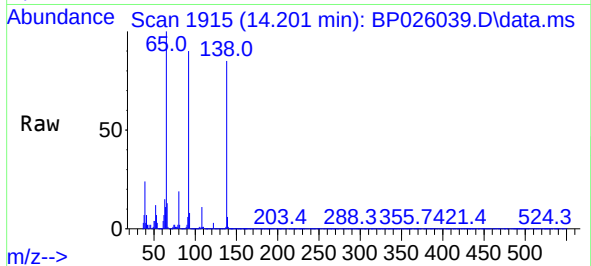
Tgt Ion:154 Resp: 1751906
Ion Ratio Lower Upper
154 100
153 113.5 91.0 136.4
152 53.1 42.7 64.1





#53
3-Nitroaniline
Concen: 40.012 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

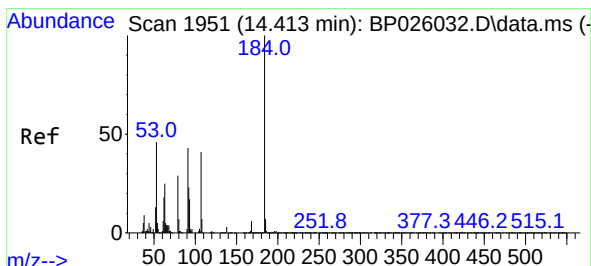
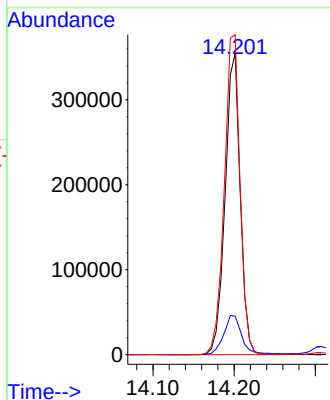
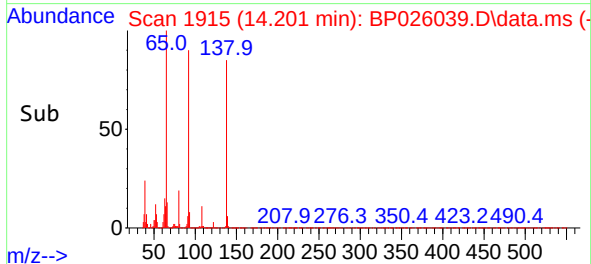
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 45870
Ion Ratio Lower Upper
138 100
108 12.8 11.4 17.0
92 106.1 87.1 130.7

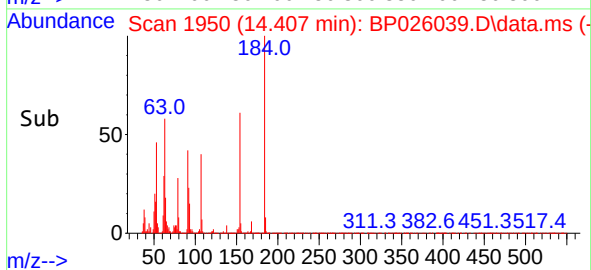
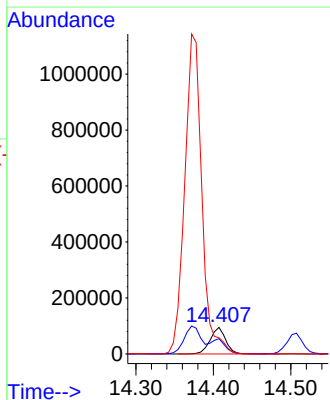
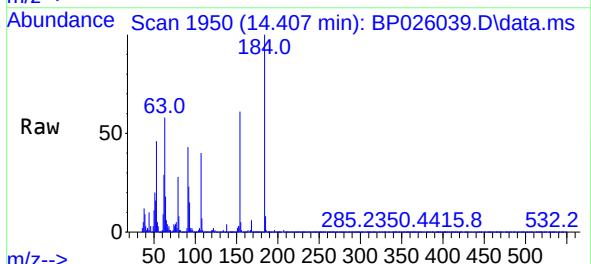
Manual Integrations
APPROVED

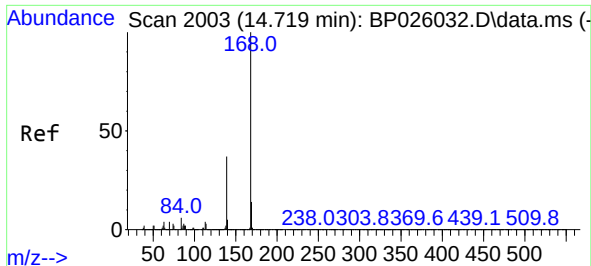
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#54
2,4-Dinitrophenol
Concen: 38.351 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:184 Resp: 132236
Ion Ratio Lower Upper
184 100
63 57.9 49.0 73.4
154 60.9 51.0 76.6





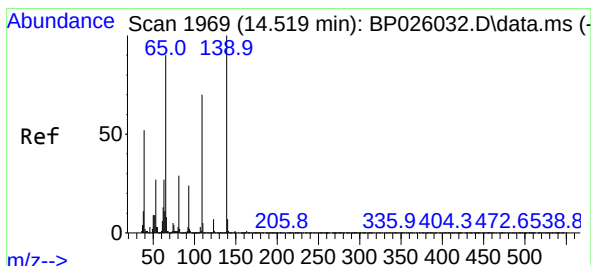
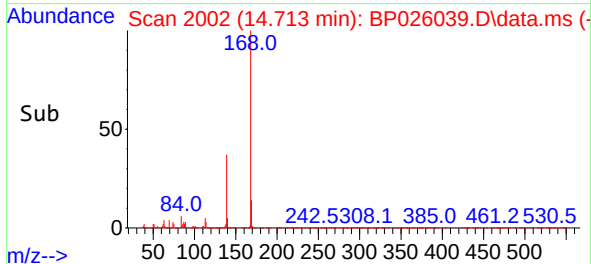
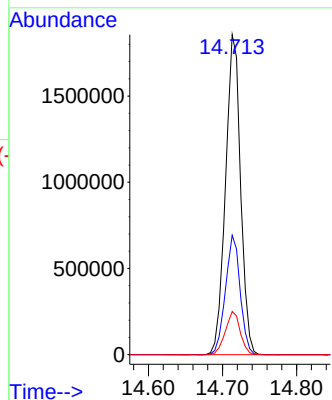
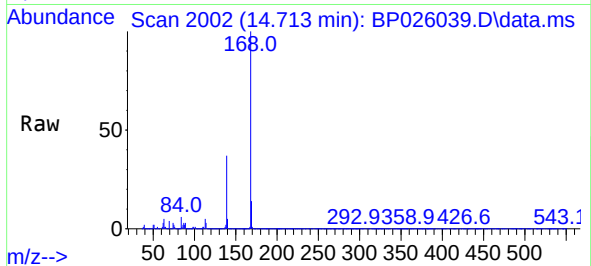
#55
Dibenzenofuran
Concen: 40.520 ng
RT: 14.713 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 261202
Ion Ratio Lower Upper
168 100
139 37.4 29.7 44.5
169 13.5 11.0 16.4

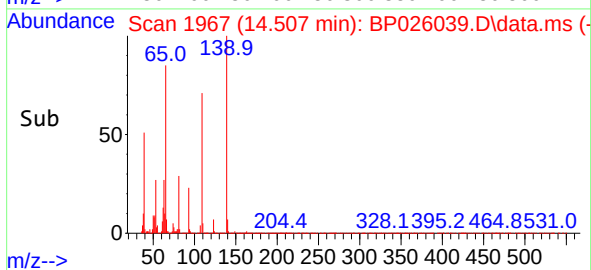
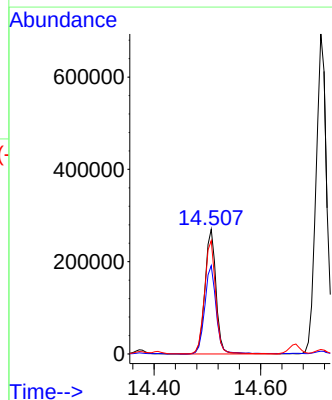
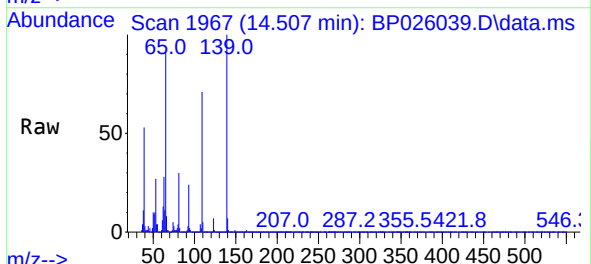
Manual Integrations
APPROVED

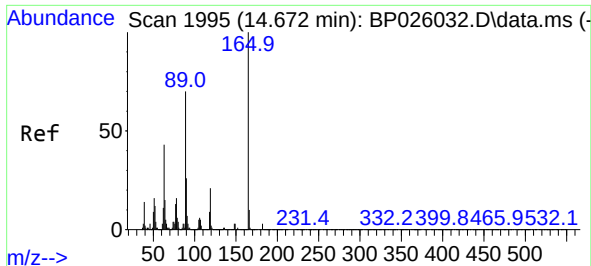
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#56
4-Nitrophenol
Concen: 37.715 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

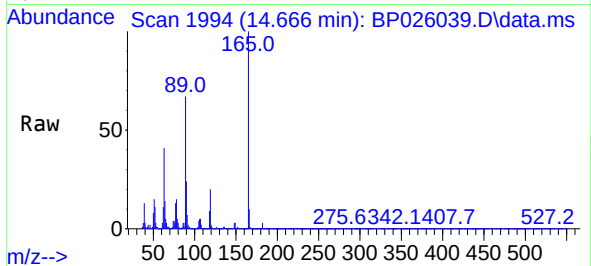
Tgt Ion:139 Resp: 387193
Ion Ratio Lower Upper
139 100
109 70.9 50.0 90.0
65 90.9 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 39.067 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

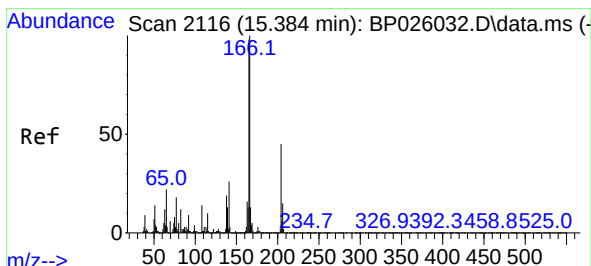
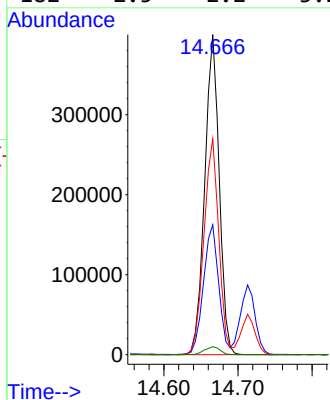
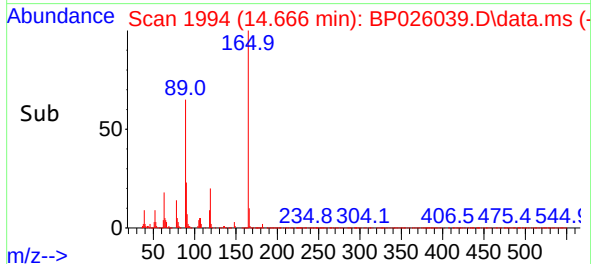
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 543018
Ion Ratio Lower Upper
165 100
63 40.6 34.2 51.2
89 67.4 56.0 84.0
182 2.5 2.2 3.2

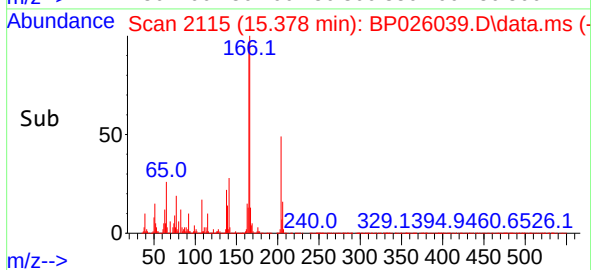
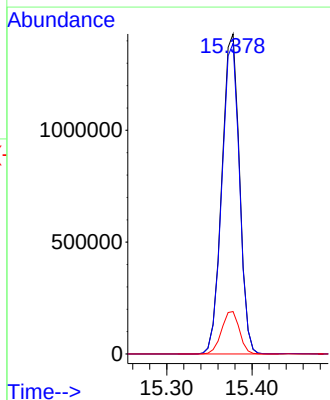
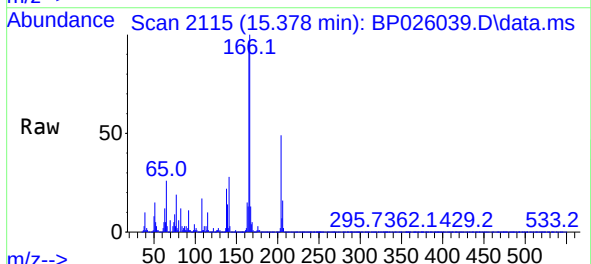
Manual Integrations
APPROVED

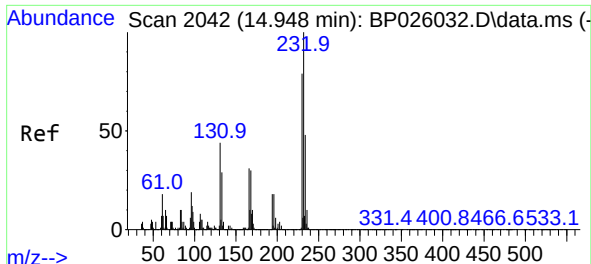
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#58
Fluorene
Concen: 40.550 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

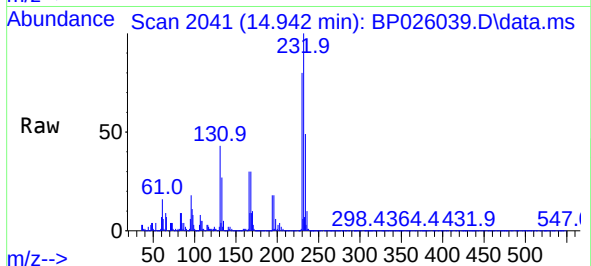
Tgt Ion:166 Resp: 2047888
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.703 ng
RT: 14.942 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

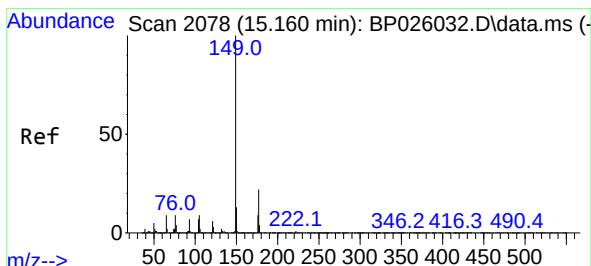
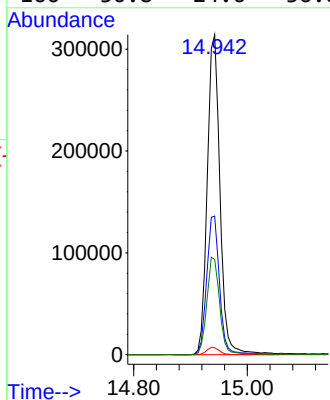
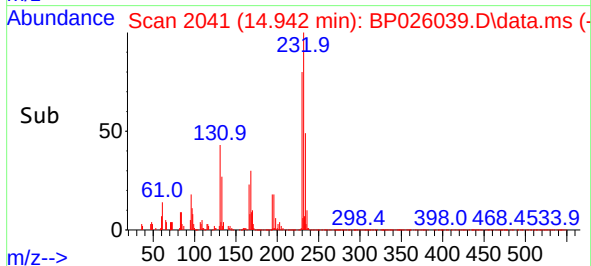
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



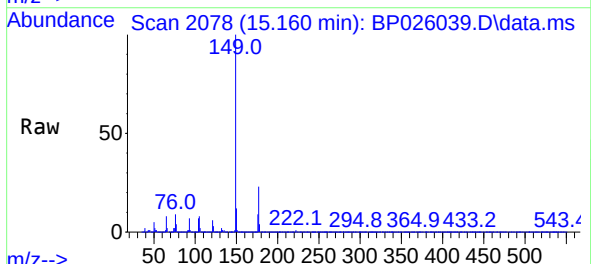
Tgt Ion:232 Resp: 486362
Ion Ratio Lower Upper
232 100
131 44.2 35.2 52.8
130 2.3 1.7 2.5
166 30.8 24.6 36.8

Manual Integrations
APPROVED

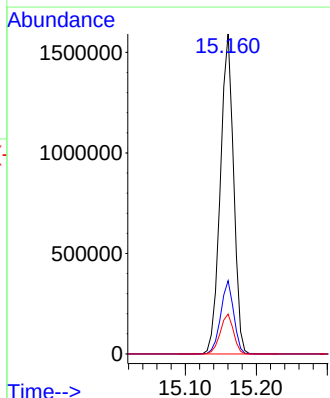
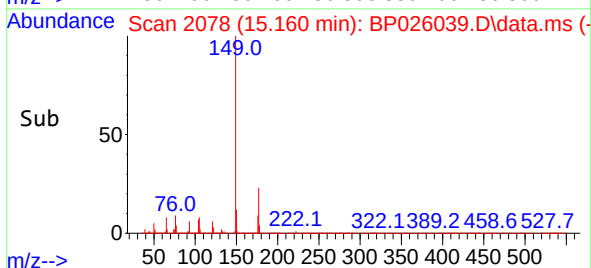
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

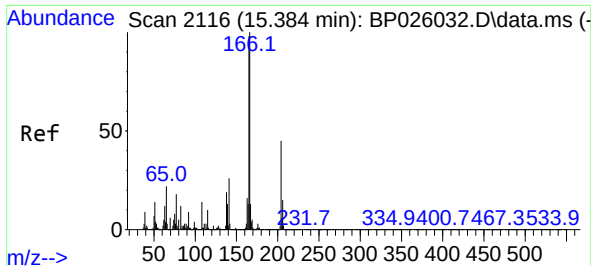


#60
Diethylphthalate
Concen: 39.757 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



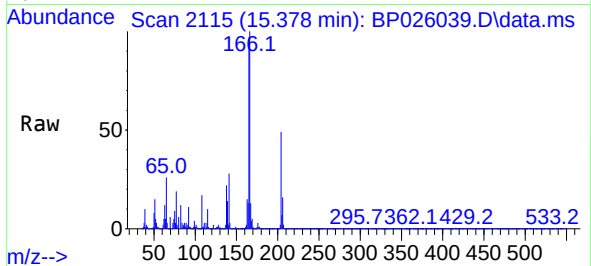
Tgt Ion:149 Resp: 2057780
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.813 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

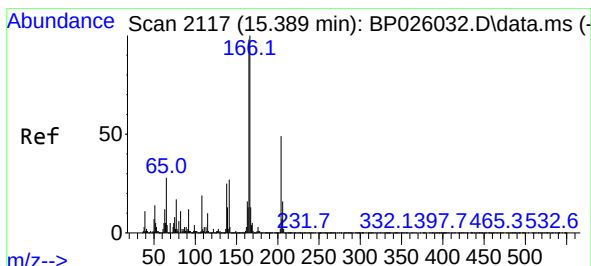
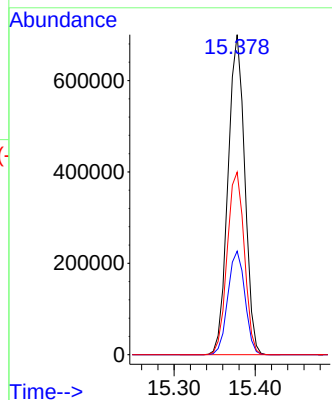
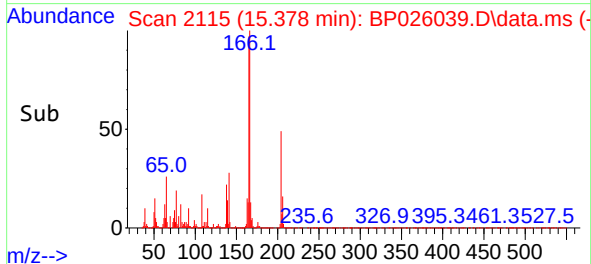
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



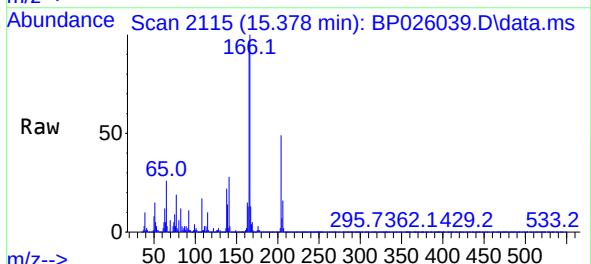
Tgt Ion:204 Resp: 100410
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 57.0 47.0 70.4

Manual Integrations
APPROVED

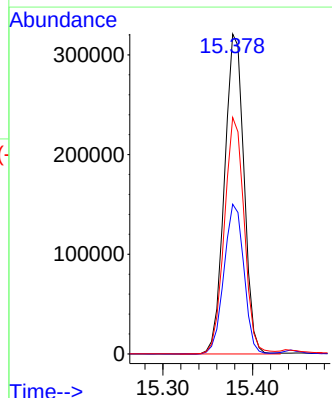
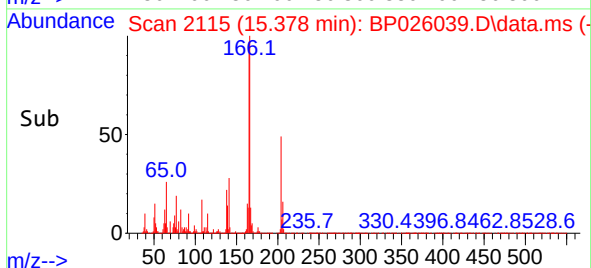
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

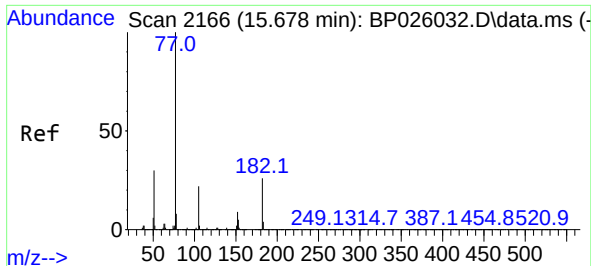


#62
4-Nitroaniline
Concen: 44.010 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



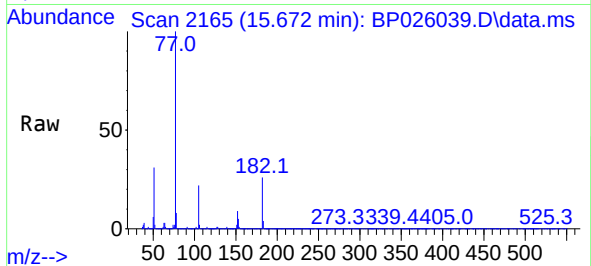
Tgt Ion:138 Resp: 484176
Ion Ratio Lower Upper
138 100
92 46.8 28.2 68.2
108 73.9 56.0 96.0





#63
Azobenzene
Concen: 40.697 ng
RT: 15.672 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

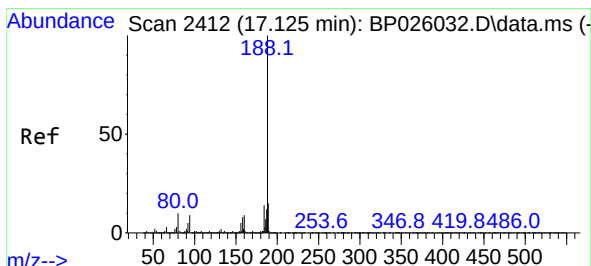
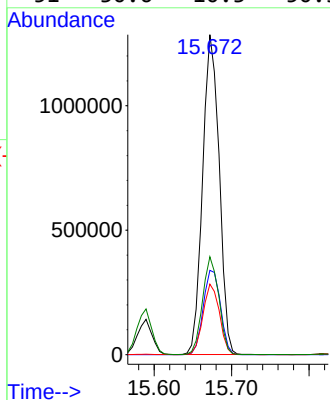
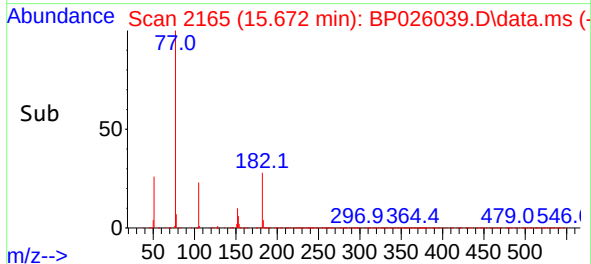
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 190901
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 22.0 2.2 42.2
51 30.6 10.3 50.3

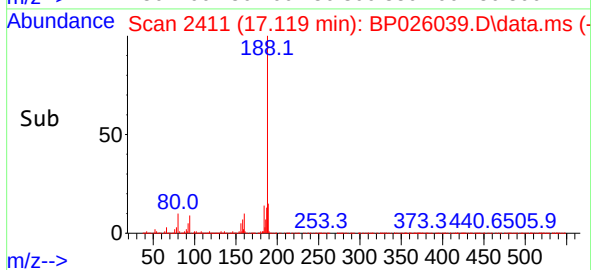
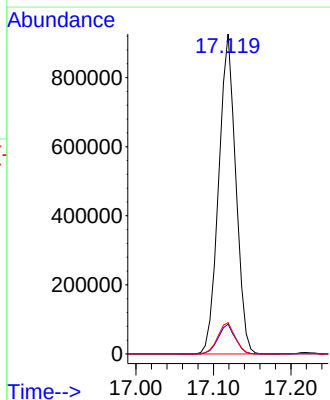
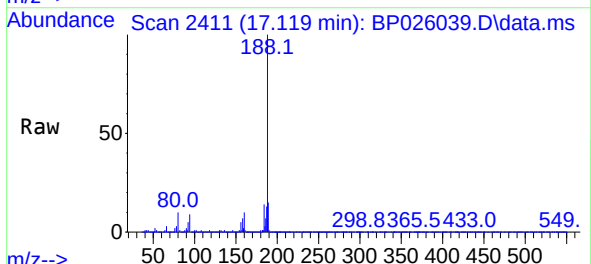
Manual Integrations
APPROVED

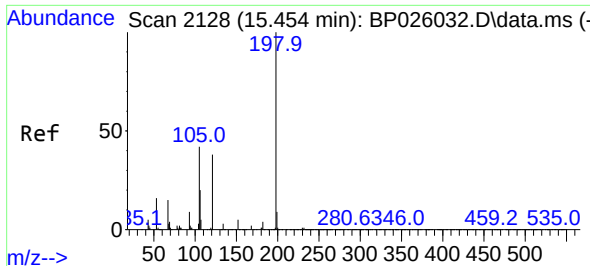
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:188 Resp: 1418803
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.8 7.9 11.9





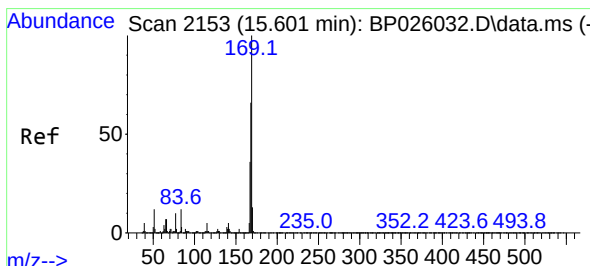
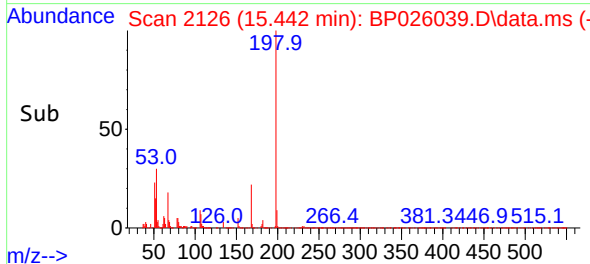
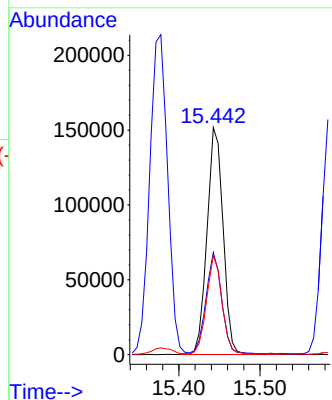
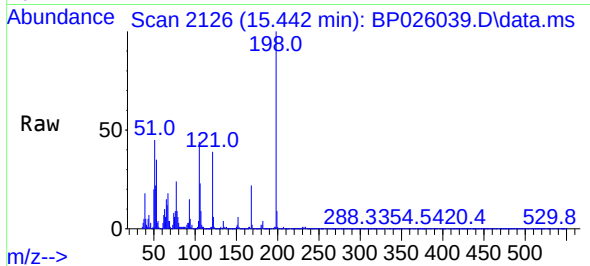
#65
4,6-Dinitro-2-methylphenol
Concen: 38.703 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 208024
Ion Ratio Lower Upper
198 100
51 45.0 25.2 65.2
105 43.6 23.7 63.7

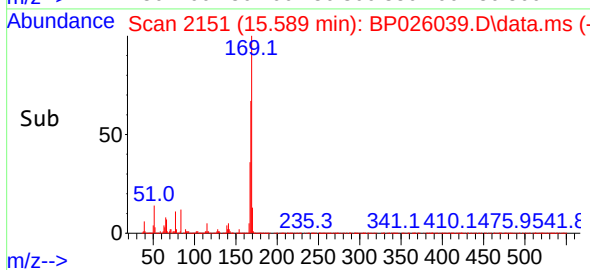
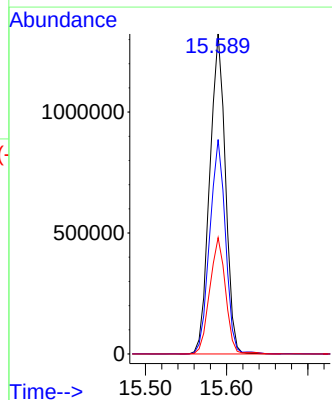
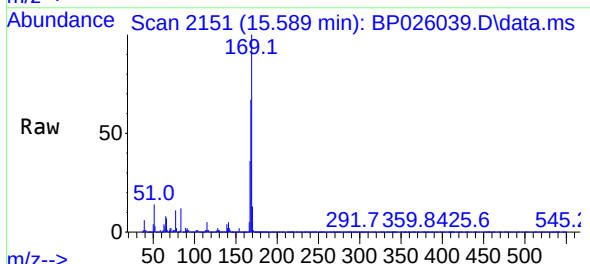
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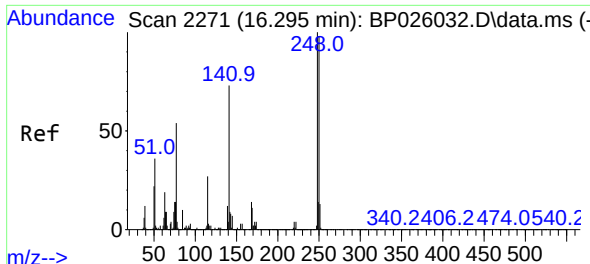
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#66
n-Nitrosodiphenylamine
Concen: 39.988 ng
RT: 15.589 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:169 Resp: 1773887
Ion Ratio Lower Upper
169 100
168 67.0 52.9 79.3
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.051 ng
RT: 16.289 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :

BNA_P

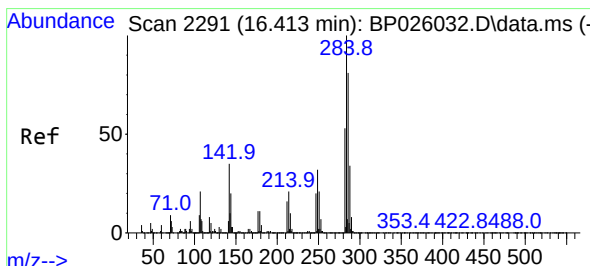
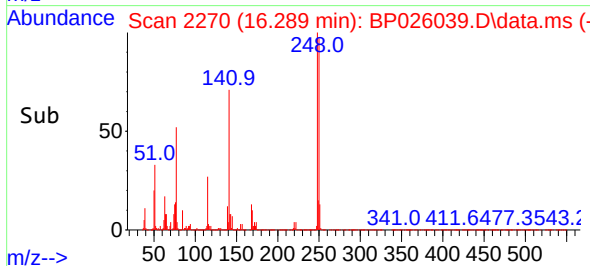
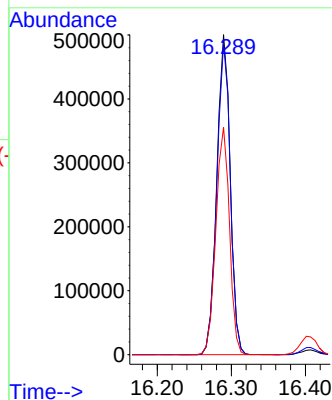
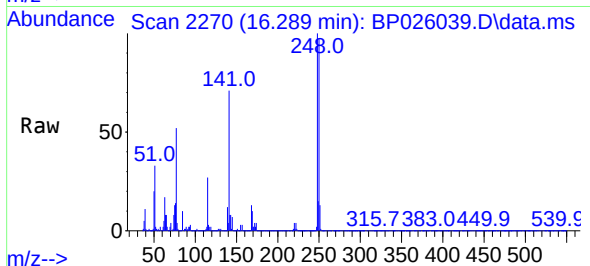
ClientSampleId :

SSTDCCC040

Tgt Ion:248 Resp: 63033
Ion Ratio Lower Upper
248 100
250 97.4 78.4 117.6
141 71.1 58.3 87.5

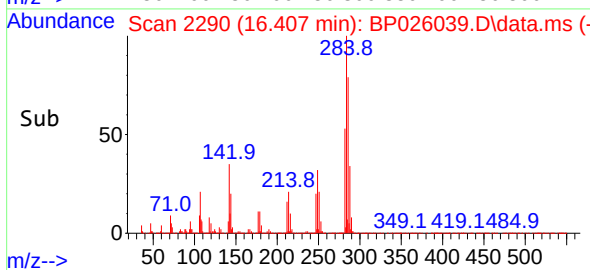
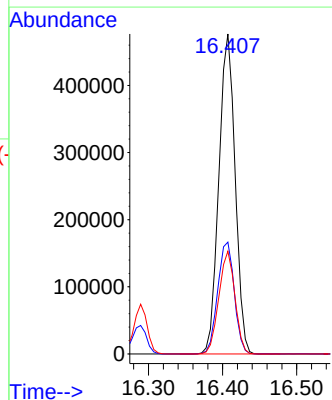
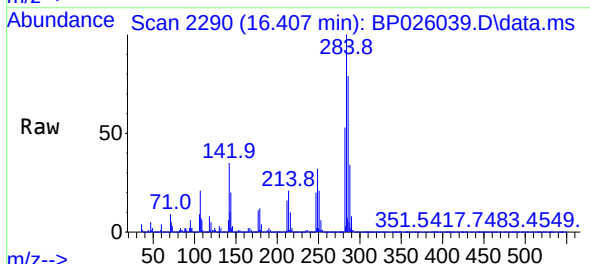
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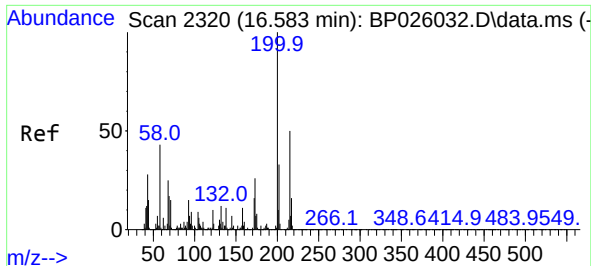
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#68
Hexachlorobenzene
Concen: 40.547 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

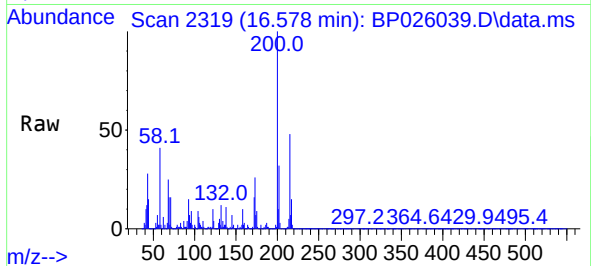
Tgt Ion:284 Resp: 726440
Ion Ratio Lower Upper
284 100
142 35.0 27.7 41.5
249 32.1 25.5 38.3





#69
Atrazine
Concen: 39.684 ng
RT: 16.578 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

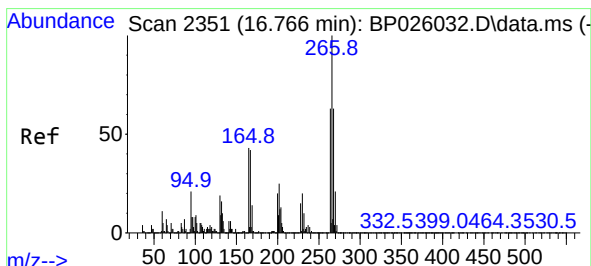
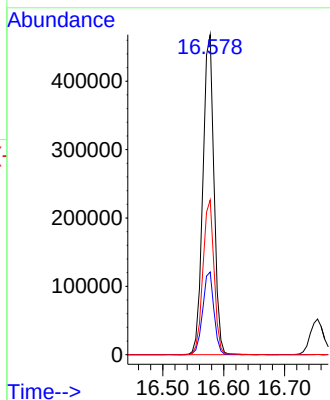
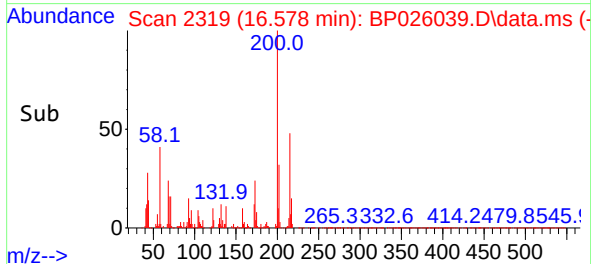
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 59385
Ion Ratio Lower Upper
200 100
173 25.9 6.2 46.2
215 48.3 29.8 69.8

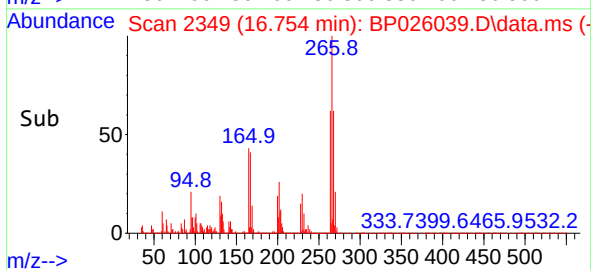
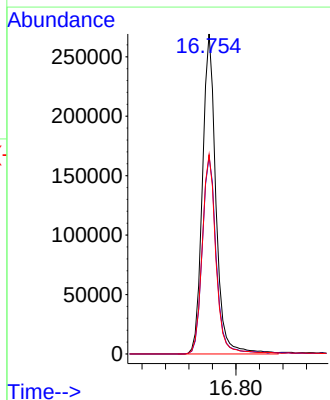
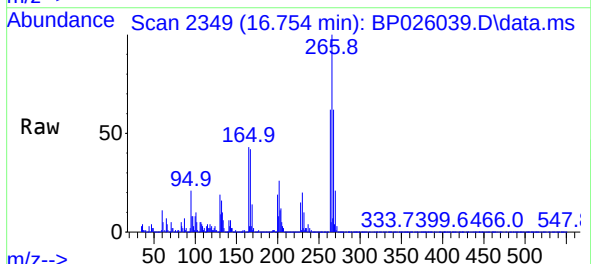
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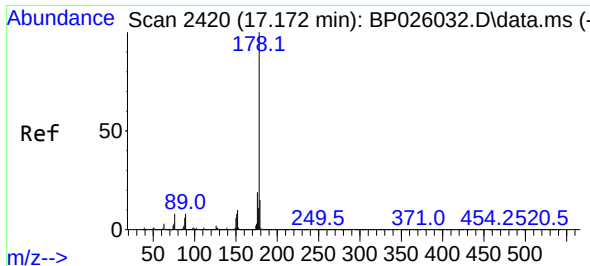
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#70
Pentachlorophenol
Concen: 39.267 ng
RT: 16.754 min Scan# 2349
Delta R.T. -0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

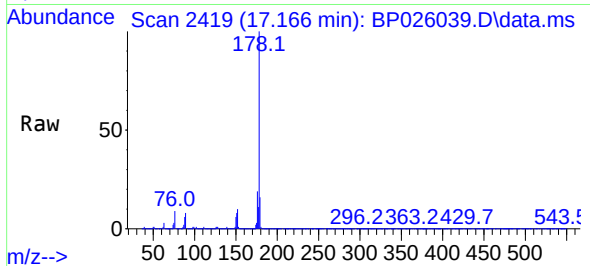
Tgt Ion:266 Resp: 429716
Ion Ratio Lower Upper
266 100
268 61.7 50.6 76.0
264 62.3 50.2 75.4





#71
Phenanthrene
Concen: 40.558 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

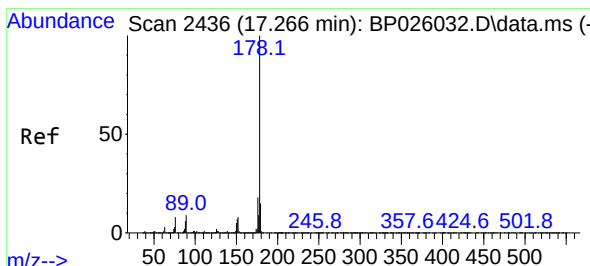
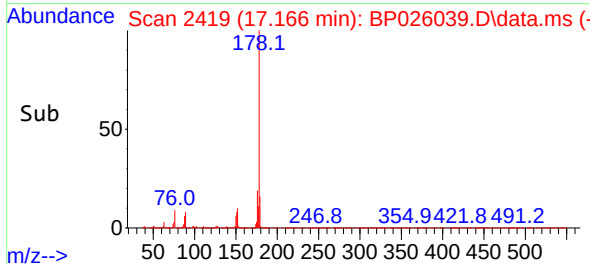
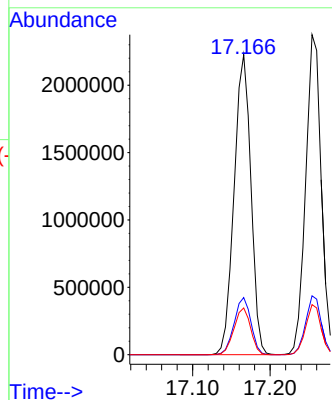
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 334929
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.3 18.5

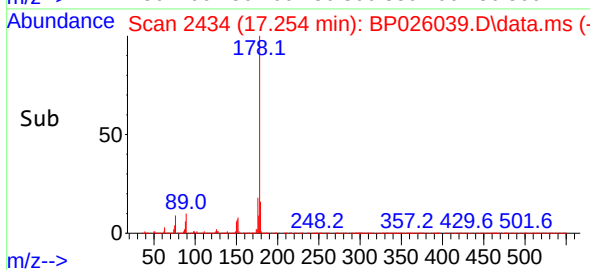
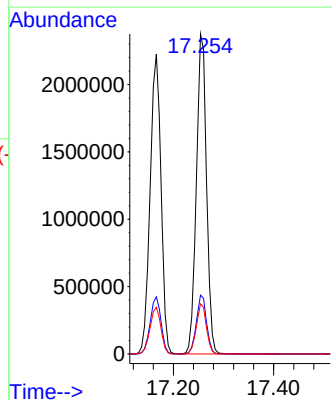
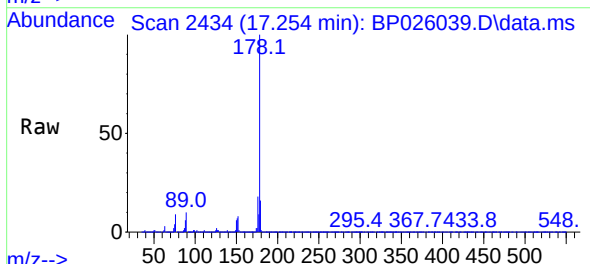
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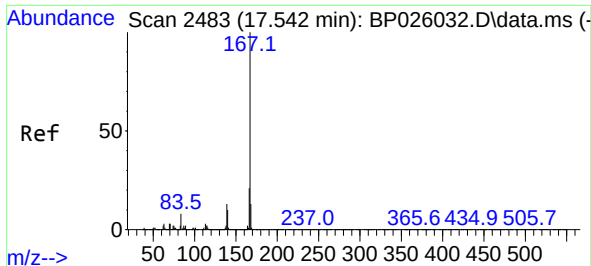
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#72
Anthracene
Concen: 40.616 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

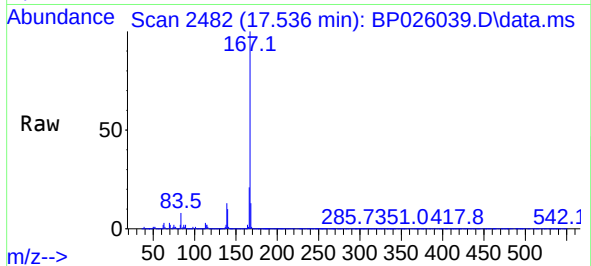
Tgt Ion:178 Resp: 3324791
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 40.916 ng
 RT: 17.536 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BP026039.D
 Acq: 30 Oct 2025 11:15

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

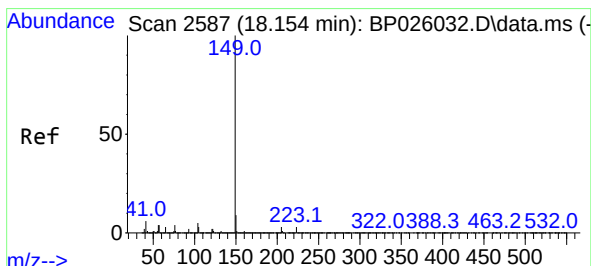
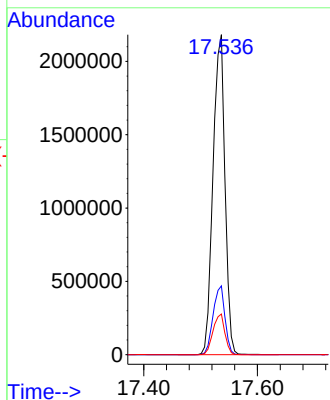
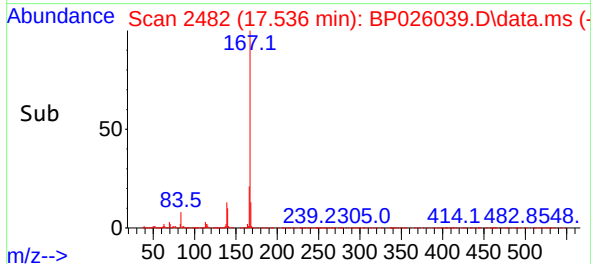


Tgt Ion:167 Resp: 317049

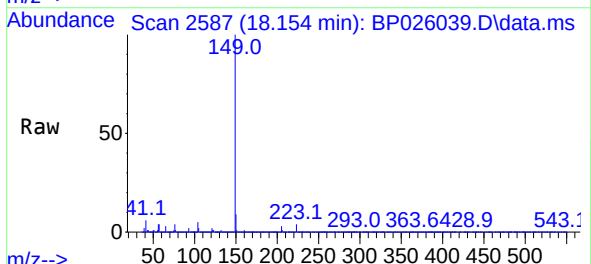
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.7	10.2	15.2

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 Supervised By :Jagrut Upadhyay 10/31/2025

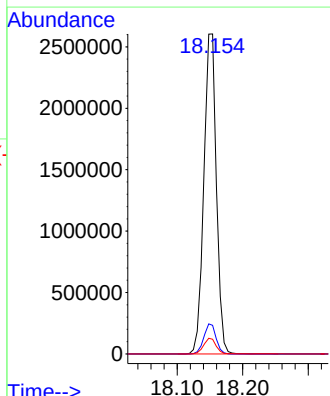
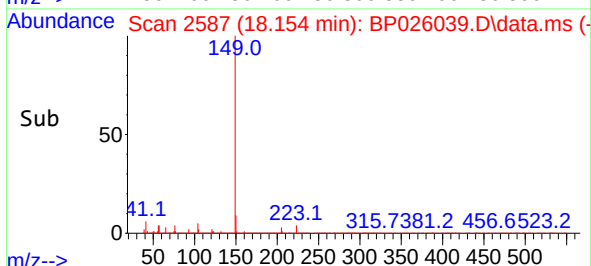


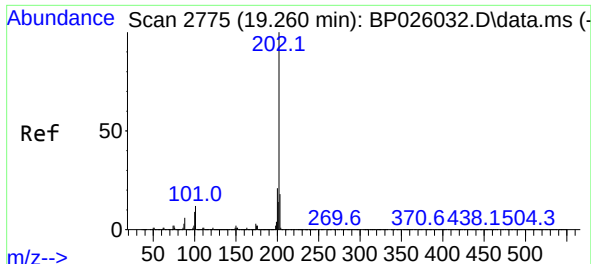
#74
 Di-n-butylphthalate
 Concen: 40.001 ng
 RT: 18.154 min Scan# 2587
 Delta R.T. 0.000 min
 Lab File: BP026039.D
 Acq: 30 Oct 2025 11:15



Tgt Ion:149 Resp: 3468314

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.6	3.8	5.6





#75
Fluoranthene
Concen: 40.473 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :

BNA_P

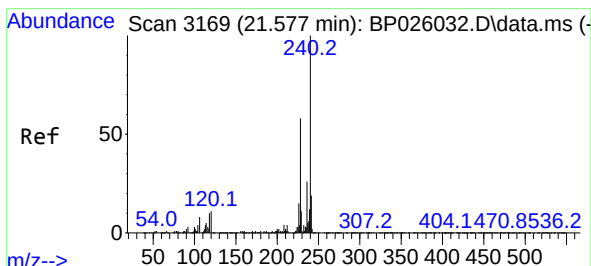
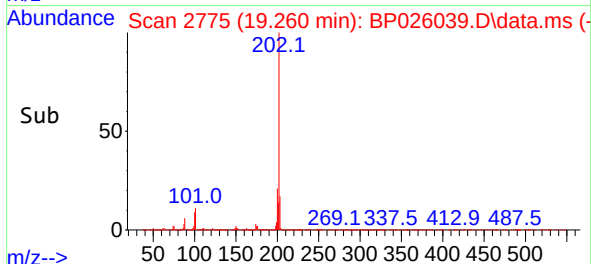
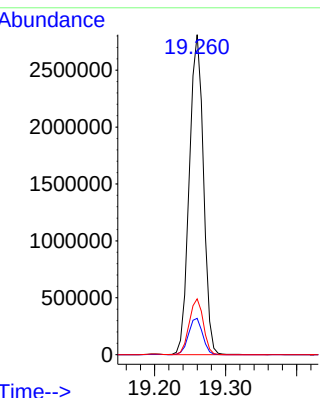
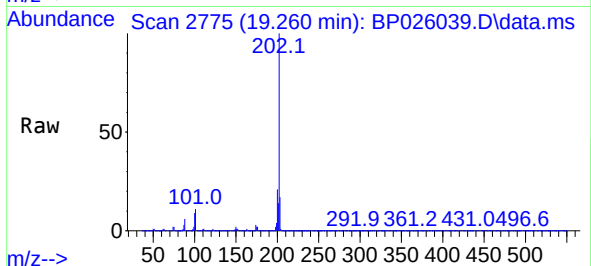
ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 389887
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.1
203 17.4 0.0 37.6

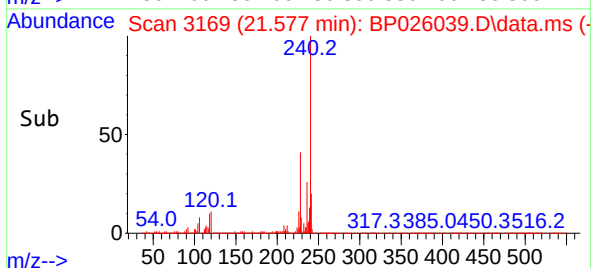
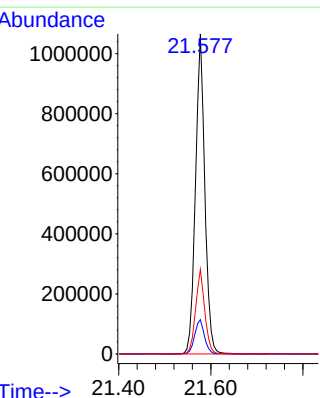
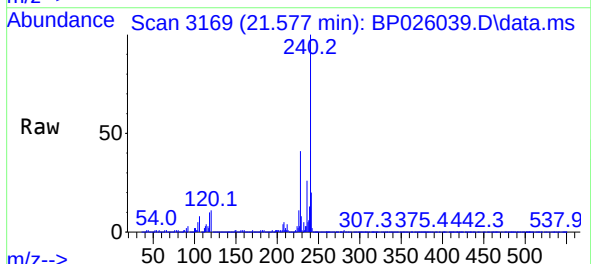
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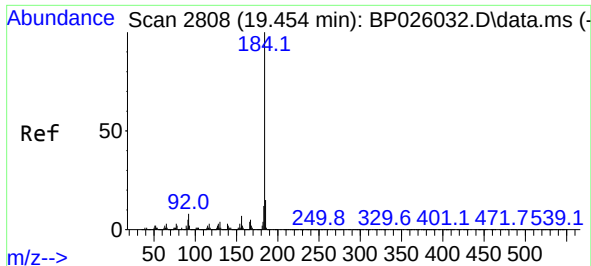
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

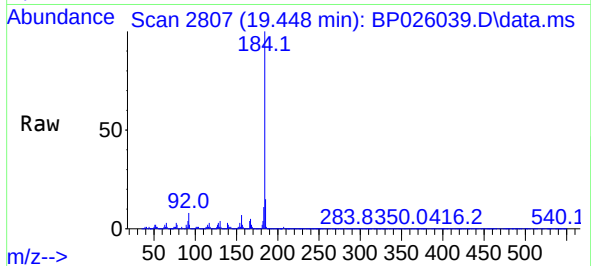
Tgt Ion:240 Resp: 1511217
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.4 20.6 31.0





#77
Benzidine
Concen: 39.205 ng
RT: 19.448 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

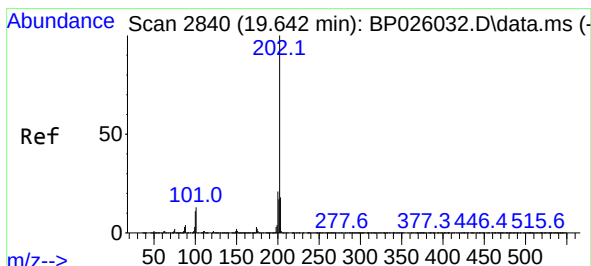
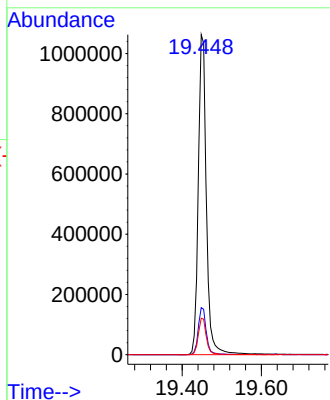
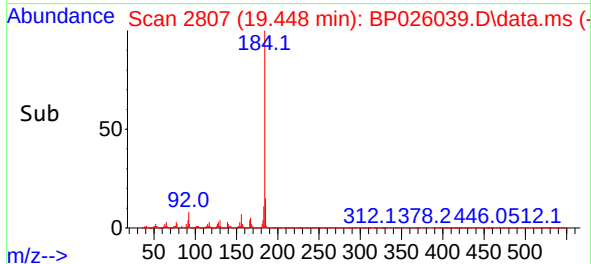
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1503860
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.4 9.2 13.8

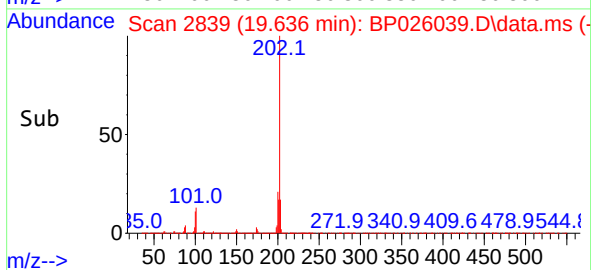
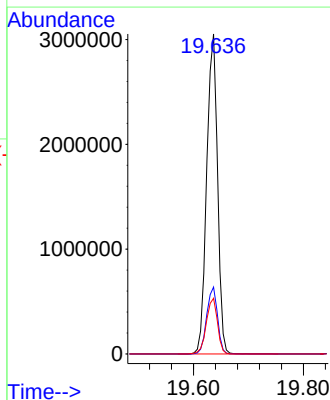
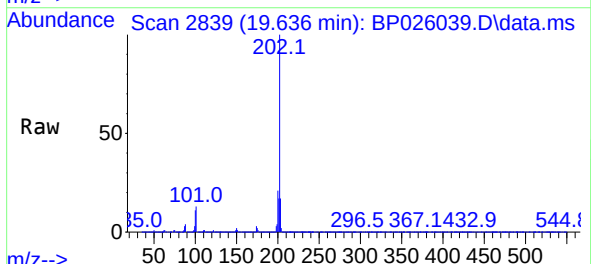
Manual Integrations
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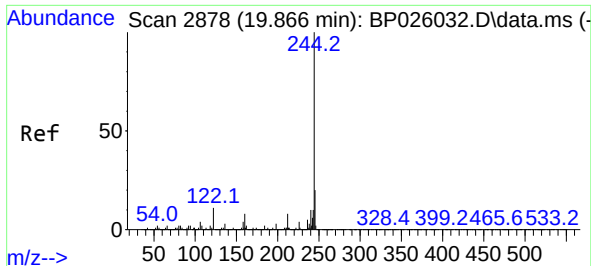
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#78
Pyrene
Concen: 40.702 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

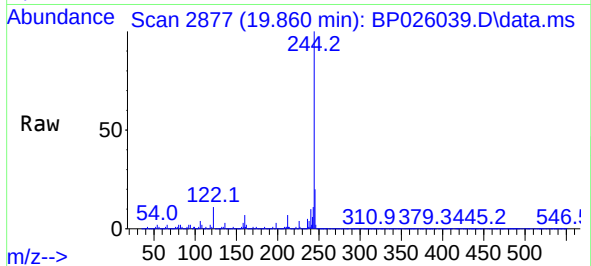
Tgt Ion:202 Resp: 4160171
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 81.137 ng
 RT: 19.860 min Scan# 2878
 Delta R.T. -0.006 min
 Lab File: BP026039.D
 Acq: 30 Oct 2025 11:15

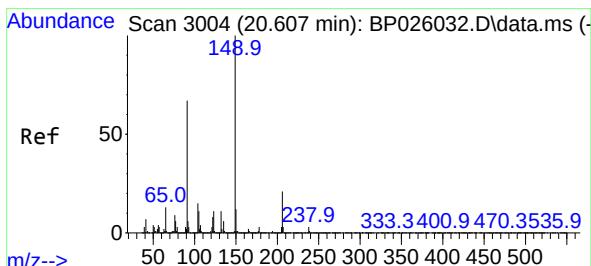
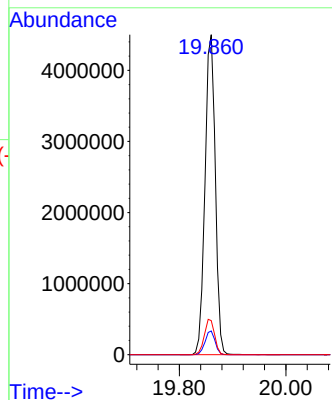
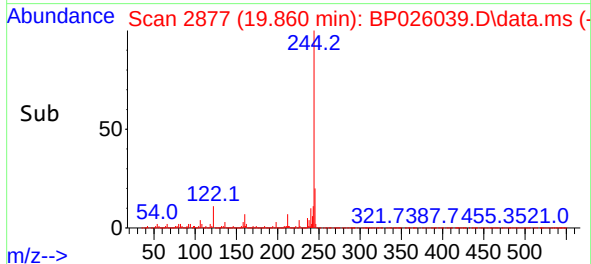
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 603516
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.6 9.0 13.6

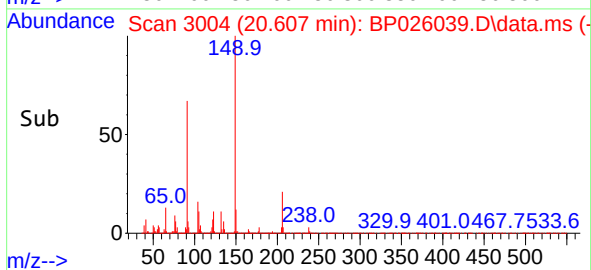
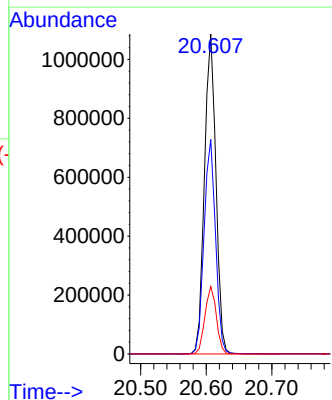
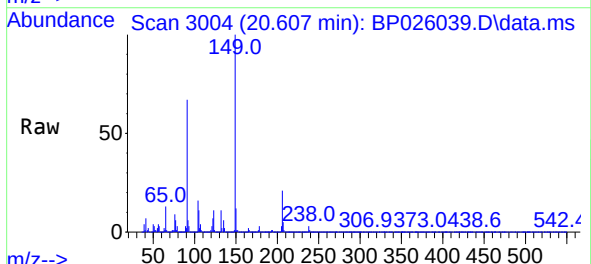
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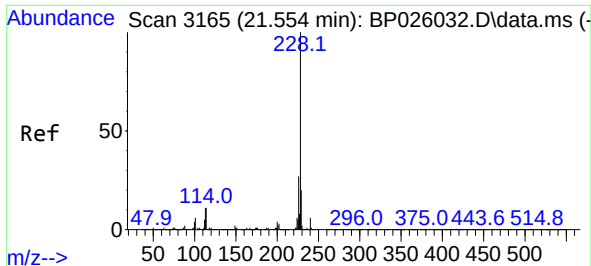
Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025



#80
 Butylbenzylphthalate
 Concen: 35.613 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. -0.000 min
 Lab File: BP026039.D
 Acq: 30 Oct 2025 11:15

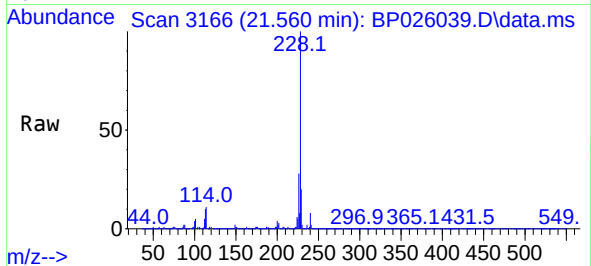
Tgt Ion:149 Resp: 1323012
 Ion Ratio Lower Upper
 149 100
 91 67.0 53.5 80.3
 206 21.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 40.844 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

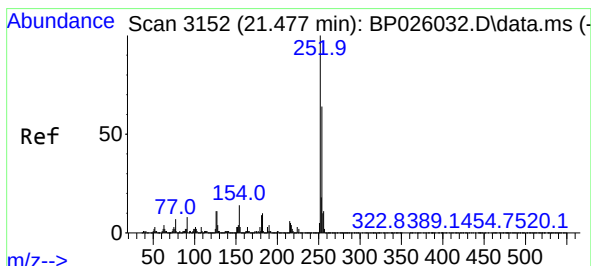
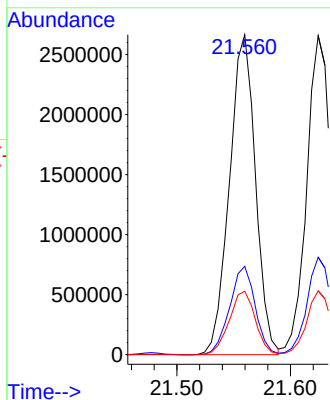
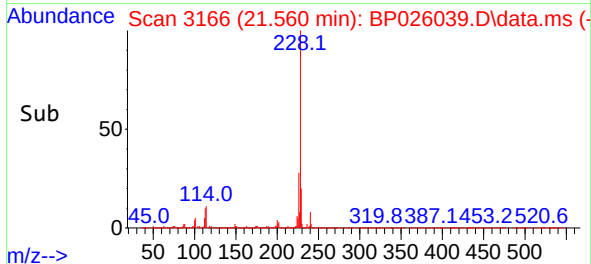
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



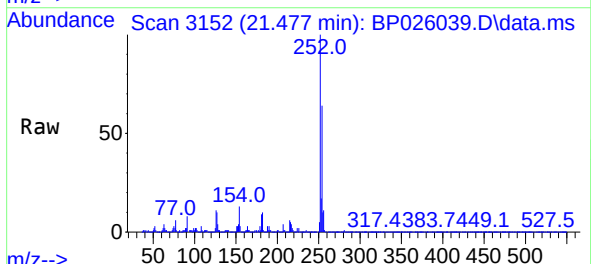
Tgt Ion:228 Resp: 4241528
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.8 15.8 23.8

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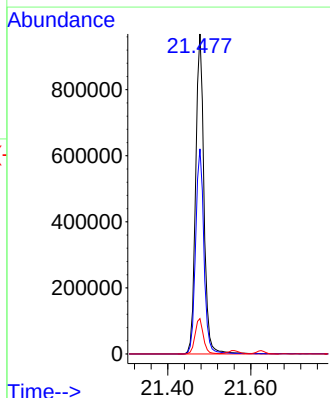
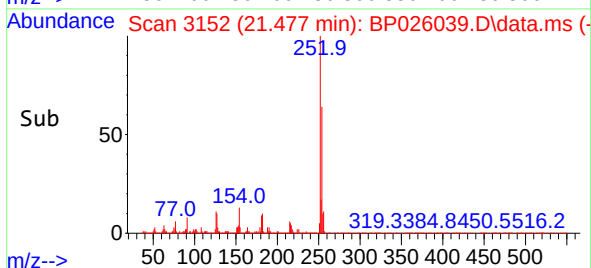
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

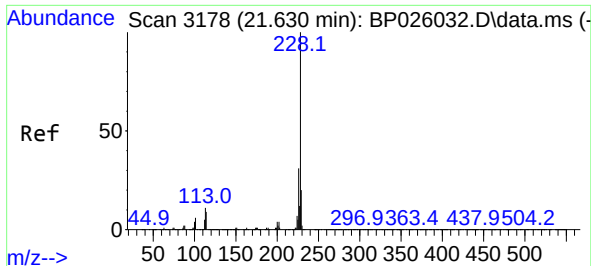


#82
3,3'-Dichlorobenzidine
Concen: 40.149 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



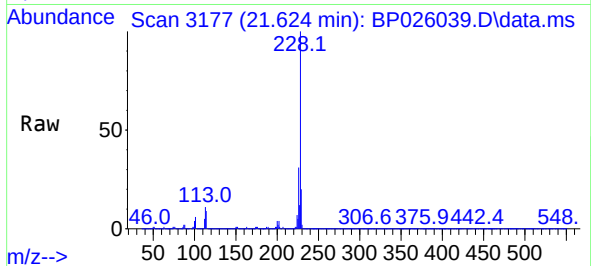
Tgt Ion:252 Resp: 1343349
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 11.1 9.1 13.7





#83
Chrysene
Concen: 40.574 ng
RT: 21.624 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

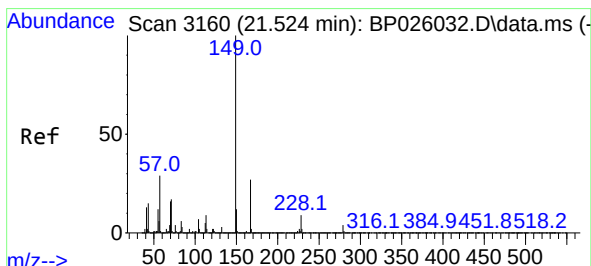
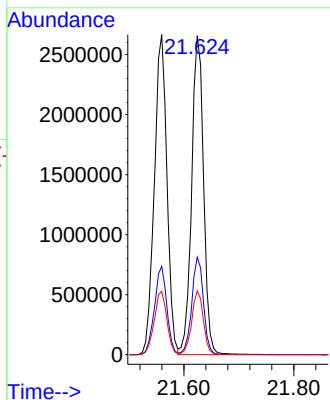
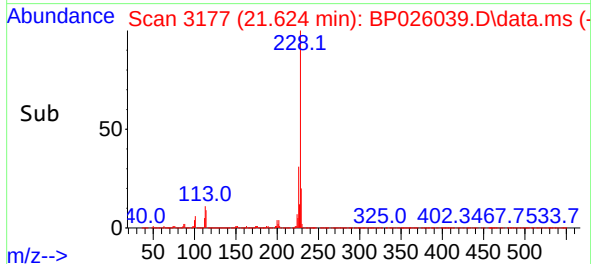
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



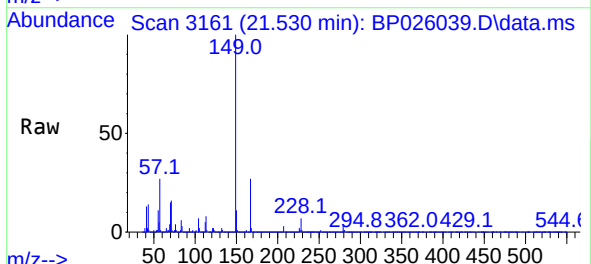
Tgt Ion:228 Resp: 3991308
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.0 16.0 24.0

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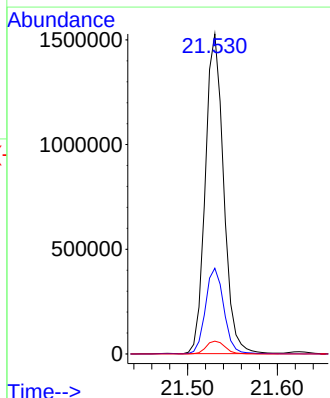
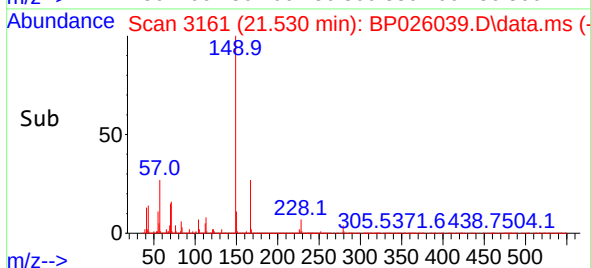
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

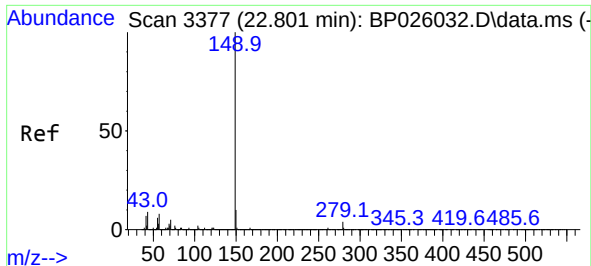


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.199 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15



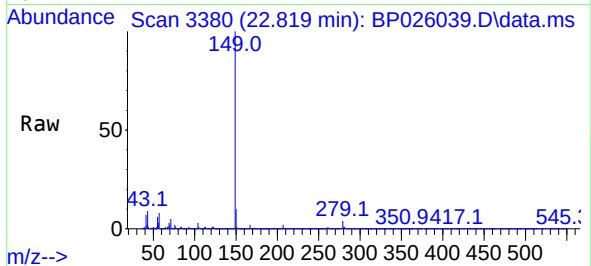
Tgt Ion:149 Resp: 2163572
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 36.718 ng
RT: 22.819 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

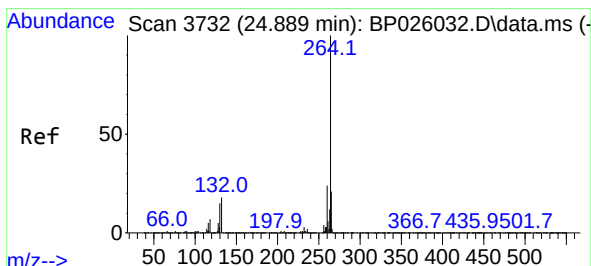
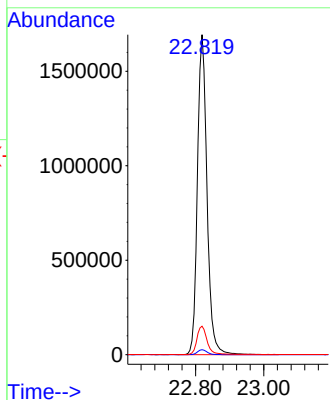
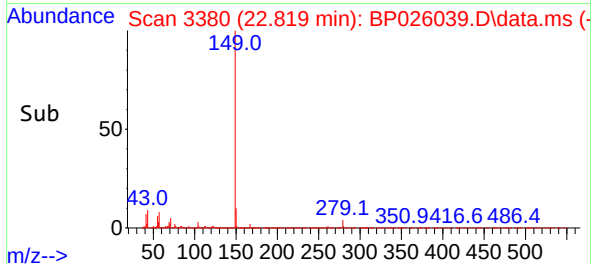
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 3303174
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 7.6 11.4

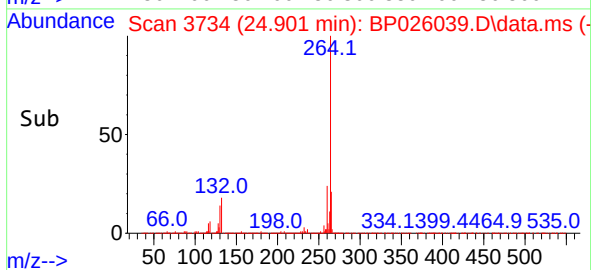
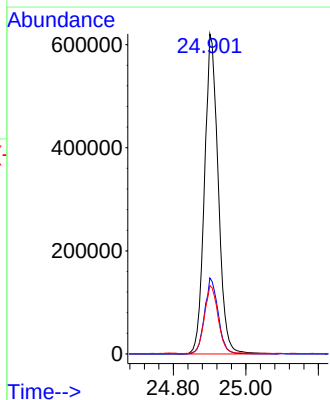
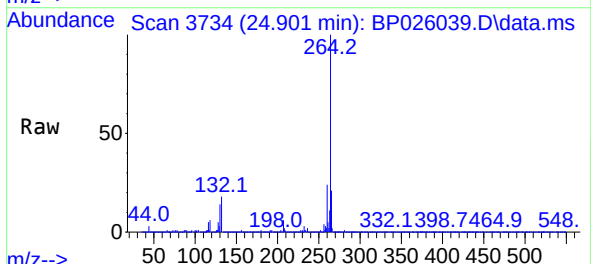
Manual Integrations
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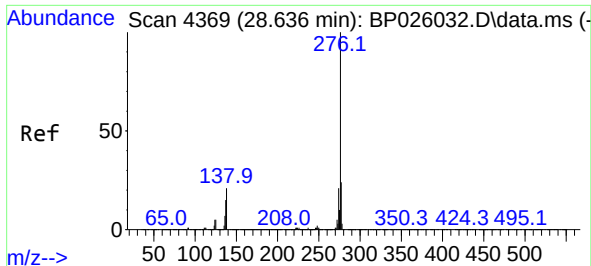
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

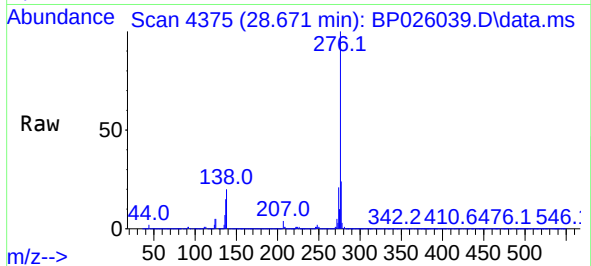
Tgt Ion:264 Resp: 1625760
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.4 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.819 ng m
RT: 28.671 min Scan# 4369
Delta R.T. 0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

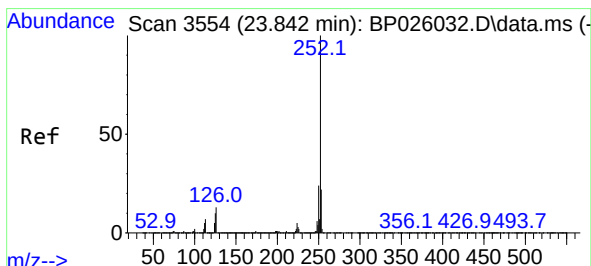
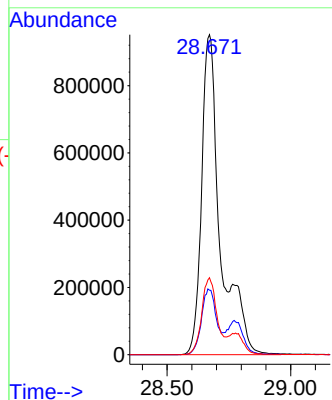
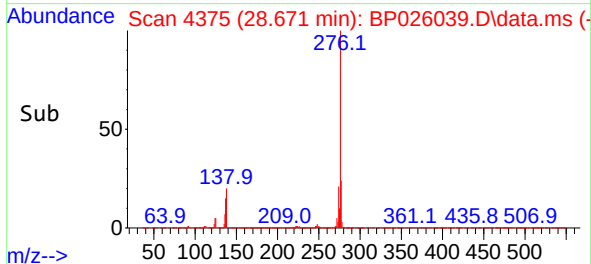
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 501936
Ion Ratio Lower Upper
276 100
138 16.5 13.2 19.8
277 19.4 16.3 24.5

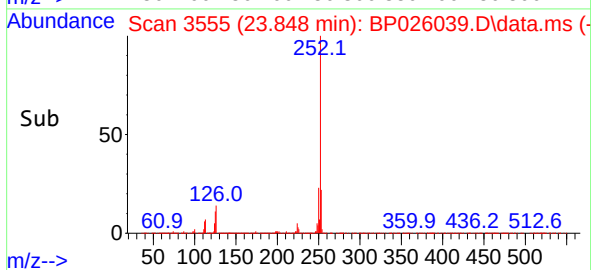
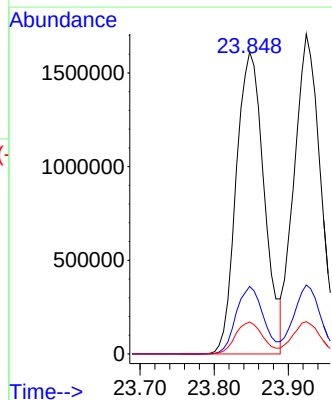
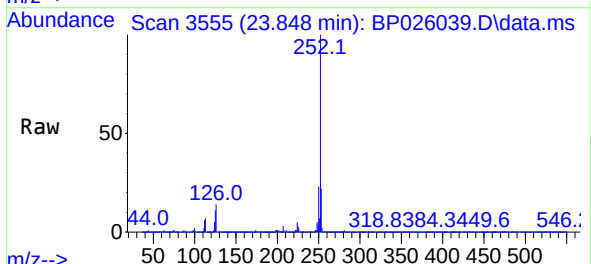
Manual Integrations
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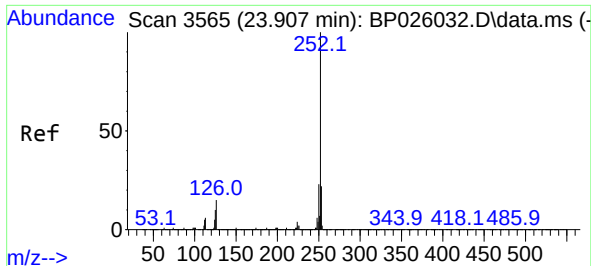
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#88
Benzo(b)fluoranthene
Concen: 41.929 ng
RT: 23.848 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:252 Resp: 4231748
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.6 8.1 12.1





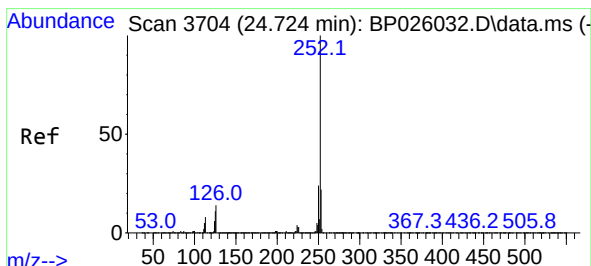
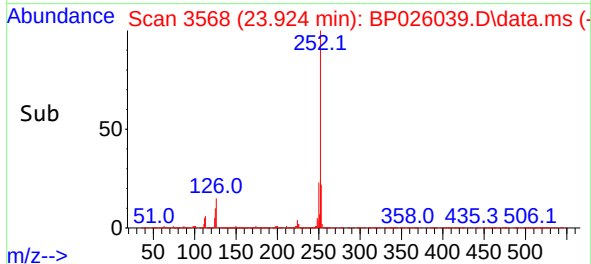
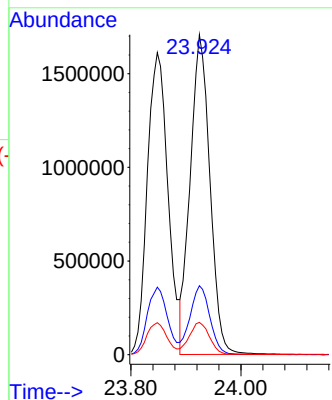
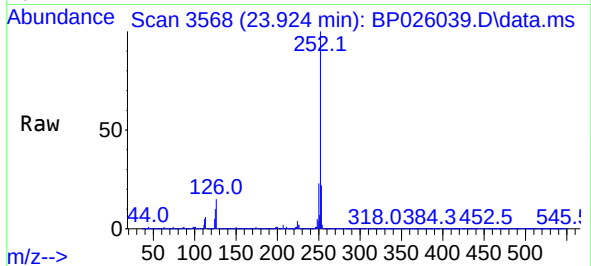
#89
Benzo(k)fluoranthene
Concen: 41.079 ng
RT: 23.924 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 423367
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.1 8.1 12.1

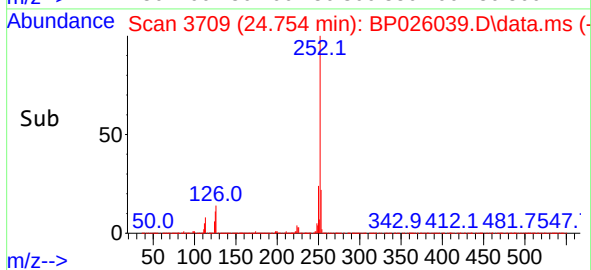
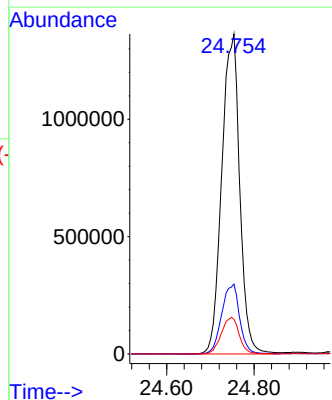
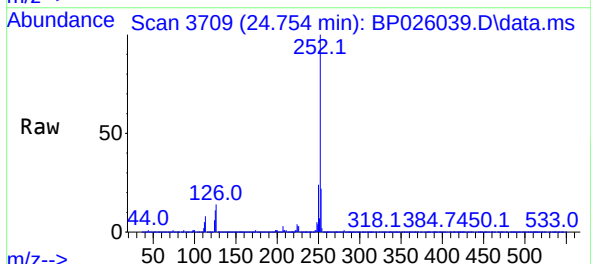
Manual Integrations
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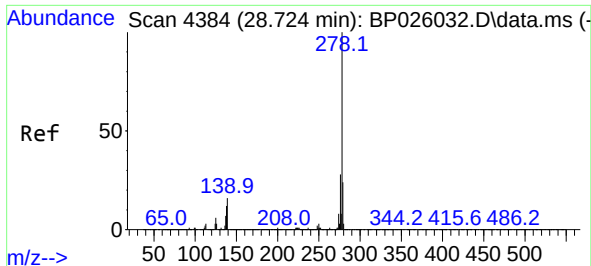
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#90
Benzo(a)pyrene
Concen: 41.745 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

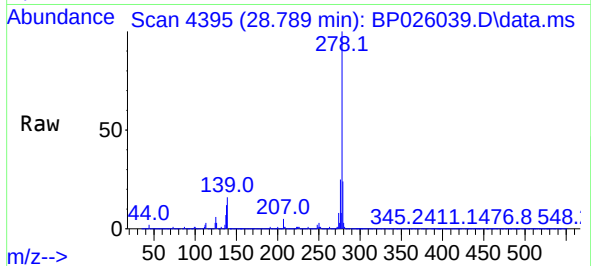
Tgt Ion:252 Resp: 3870587
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.9 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 42.003 ng
RT: 28.789 min Scan# 41
Delta R.T. 0.041 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

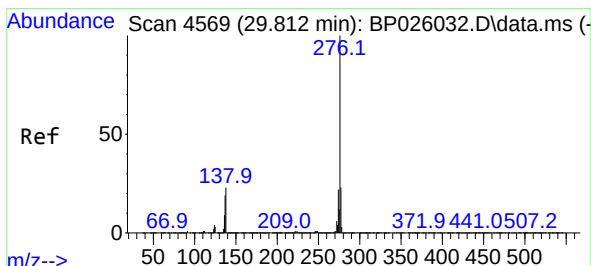
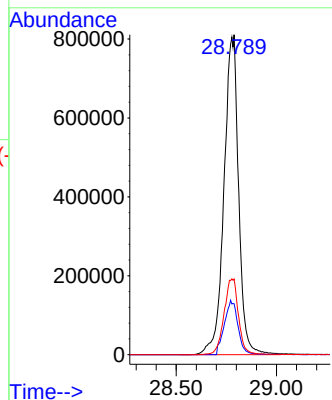
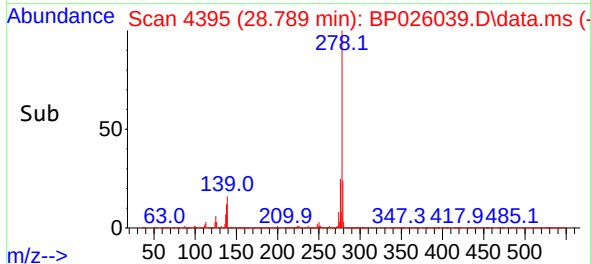
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 4102608
Ion Ratio Lower Upper
278 100
139 15.9 13.0 19.6
279 23.6 18.9 28.3

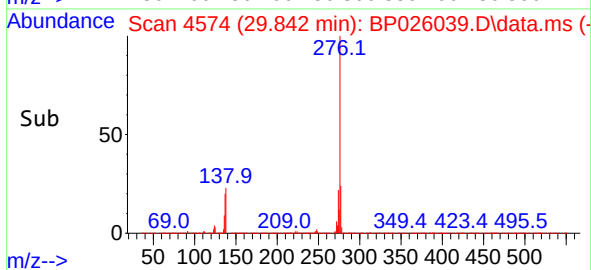
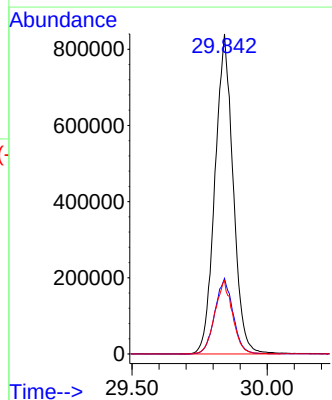
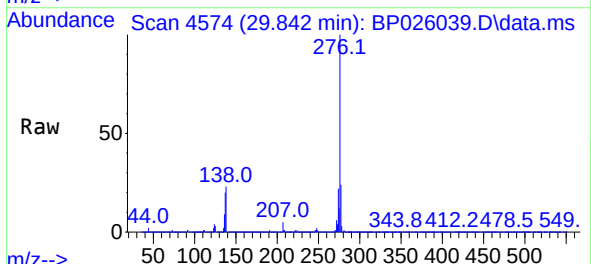
Manual Integrations
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Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#92
Benzo(g,h,i)perylene
Concen: 41.605 ng
RT: 29.842 min Scan# 4574
Delta R.T. 0.012 min
Lab File: BP026039.D
Acq: 30 Oct 2025 11:15

Tgt Ion:276 Resp: 3910516
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 22.9 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.01
2	1,4-Dioxane	0.511	0.525	-2.7	98	0.00
3	Pyridine	1.453	1.480	-1.9	96	0.00
4	n-Nitrosodimethylamine	0.582	0.584	-0.3	96	0.00
5 S	2-Fluorophenol	1.212	1.236	-2.0	95	0.00
6	Aniline	2.059	2.077	-0.9	94	0.00
7 S	Phenol-d6	1.543	1.568	-1.6	93	0.00
8	2-Chlorophenol	1.342	1.357	-1.1	93	0.00
9	Benzaldehyde	0.802	0.773	3.6	92	0.00
10 C	Phenol	1.713	1.727	-0.8	93	0.00
11	bis(2-Chloroethyl)ether	1.352	1.357	-0.4	95	-0.01
12	1,3-Dichlorobenzene	1.541	1.558	-1.1	95	0.00
13 C	1,4-Dichlorobenzene	1.558	1.571	-0.8	95	-0.01
14	1,2-Dichlorobenzene	1.487	1.497	-0.7	95	0.00
15	Benzyl Alcohol	1.112	1.089	2.1	91	0.00
16	2,2'-oxybis(1-Chloropropane	2.043	2.012	1.5	92	0.00
17	2-Methylphenol	1.121	1.140	-1.7	93	0.00
18	Hexachloroethane	0.533	0.539	-1.1	94	0.00
19 P	n-Nitroso-di-n-propylamine	0.958	0.982	-2.5	92	-0.01
20	3+4-Methylphenols	1.560	1.546	0.9	92	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.506	0.513	-1.4	93	-0.01
23 S	Nitrobenzene-d5	0.321	0.339	-5.6	94	0.00
24	Nitrobenzene	0.339	0.357	-5.3	94	0.00
25	Isophorone	0.687	0.694	-1.0	90	0.00
26 C	2-Nitrophenol	0.104	0.120	-15.4	88	0.00
27	2,4-Dimethylphenol	0.289	0.295	-2.1	91	0.00
28	bis(2-Chloroethoxy)methane	0.433	0.440	-1.6	92	0.00
29 C	2,4-Dichlorophenol	0.305	0.317	-3.9	91	0.00
30	1,2,4-Trichlorobenzene	0.331	0.341	-3.0	94	0.00
31	Naphthalene	1.091	1.115	-2.2	94	0.00
32	Benzoic acid	0.163	0.151	7.4	84	-0.04
33	4-Chloroaniline	0.419	0.436	-4.1	94	0.00
34 C	Hexachlorobutadiene	0.211	0.216	-2.4	94	0.00
35	Caprolactam	0.107	0.107	0.0	89	-0.04
36 C	4-Chloro-3-methylphenol	0.320	0.331	-3.4	90	-0.01
37	2-Methylnaphthalene	0.763	0.775	-1.6	91	0.00
38	1-Methylnaphthalene	0.742	0.759	-2.3	93	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	93	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.621	0.636	-2.4	93	0.00
41 P	Hexachlorocyclopentadiene	0.227	0.218	4.0	85	0.00
42 S	2,4,6-Tribromophenol	0.216	0.226	-4.6	88	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.385	-4.9	89	0.00
44	2,4,5-Trichlorophenol	0.419	0.437	-4.3	89	0.00
45 S	2-Fluorobiphenyl	1.392	1.414	-1.6	92	-0.01
46	1,1'-Biphenyl	1.531	1.547	-1.0	92	0.00
47	2-Chloronaphthalene	1.205	1.220	-1.2	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.272	0.295	-8.5	90	-0.01
49	Acenaphthylene	1.756	1.798	-2.4	91	-0.01
50	Dimethylphthalate	1.455	1.472	-1.2	90	-0.01
51	2,6-Dinitrotoluene	0.237	0.261	-10.1	92	0.00
52 C	Acenaphthene	1.206	1.238	-2.7	92	-0.01
53	3-Nitroaniline	0.291	0.324	-11.3	93	0.00
54 P	2,4-Dinitrophenol	0.100	0.093	7.0	86	-0.01
55	Dibenzofuran	1.822	1.845	-1.3	91	-0.01
56 P	4-Nitrophenol	0.290	0.274	5.5	89	-0.01
57	2,4-Dinitrotoluene	0.347	0.384	-10.7	90	-0.01
58	Fluorene	1.427	1.447	-1.4	92	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.344	-4.2	87	-0.01
60	Diethylphthalate	1.463	1.454	0.6	87	0.00
61	4-Chlorophenyl-phenylether	0.713	0.709	0.6	90	-0.01
62	4-Nitroaniline	0.311	0.342	-10.0	93	-0.02
63	Azobenzene	1.325	1.349	-1.8	91	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	91	0.00
65	4,6-Dinitro-2-methylphenol	0.077	0.073	5.2	87	-0.01
66 c	n-Nitrosodiphenylamine	0.625	0.625	0.0	88	-0.01
67	4-Bromophenyl-phenylether	0.222	0.222	0.0	89	-0.01
68	Hexachlorobenzene	0.253	0.256	-1.2	91	-0.01
69	Atrazine	0.211	0.209	0.9	87	0.00
70 C	Pentachlorophenol	0.154	0.151	1.9	86	-0.01
71	Phenanthrene	1.164	1.180	-1.4	91	0.00
72	Anthracene	1.154	1.172	-1.6	91	0.00
73	Carbazole	1.092	1.117	-2.3	90	0.00
74	Di-n-butylphthalate	1.222	1.222	0.0	84	0.00
75 C	Fluoranthene	1.358	1.374	-1.2	89	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	92	0.01
77	Benzydine	0.508	0.498	2.0	88	0.00
78	Pyrene	1.353	1.376	-1.7	89	0.00
79 S	Terphenyl-d14	0.984	0.998	-1.4	90	0.00
80	Butylbenzylphthalate	0.432	0.438	-1.4	81	0.00
81	Benzo(a)anthracene	1.374	1.403	-2.1	91	0.01
82	3,3'-Dichlorobenzidine	0.443	0.444	-0.2	88	0.00
83	Chrysene	1.302	1.321	-1.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.718	0.716	0.3	79	0.01
85 c	Di-n-octyl phthalate	1.191	1.093	8.2	78	0.02
86 I	Perylene-d12	1.000	1.000	0.0	92	0.02
87	Indeno(1,2,3-cd)pyrene	1.477	1.544	-4.5	91	0.01
88	Benzo(b)fluoranthene	1.242	1.301	-4.8	92	0.00
89	Benzo(k)fluoranthene	1.268	1.302	-2.7	90	0.00
90 C	Benzo(a)pyrene	1.141	1.190	-4.3	91	0.01
91	Dibenzo(a,h)anthracene	1.202	1.262	-5.0	91	0.04
92	Benzo(g,h,i)perylene	1.156	1.203	-4.1	92	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
----------	-------	------	------	-------	----------

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	-0.01
2	1,4-Dioxane	40.000	41.109	-2.8	98	0.00
3	Pyridine	40.000	40.767	-1.9	96	0.00
4	n-Nitrosodimethylamine	40.000	40.119	-0.3	96	0.00
5 S	2-Fluorophenol	80.000	81.574	-2.0	95	0.00
6	Aniline	40.000	40.350	-0.9	94	0.00
7 S	Phenol-d6	80.000	81.303	-1.6	93	0.00
8	2-Chlorophenol	40.000	40.445	-1.1	93	0.00
9	Benzaldehyde	40.000	38.573	3.6	92	0.00
10 C	Phenol	40.000	40.331	-0.8	93	0.00
11	bis(2-Chloroethyl)ether	40.000	40.166	-0.4	95	-0.01
12	1,3-Dichlorobenzene	40.000	40.430	-1.1	95	0.00
13 C	1,4-Dichlorobenzene	40.000	40.328	-0.8	95	-0.01
14	1,2-Dichlorobenzene	40.000	40.273	-0.7	95	0.00
15	Benzyl Alcohol	40.000	39.172	2.1	91	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.397	1.5	92	0.00
17	2-Methylphenol	40.000	40.646	-1.6	93	0.00
18	Hexachloroethane	40.000	40.423	-1.1	94	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.034	-2.6	92	-0.01
20	3+4-Methylphenols	40.000	39.634	0.9	92	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	40.585	-1.5	93	-0.01
23 S	Nitrobenzene-d5	80.000	84.525	-5.7	94	0.00
24	Nitrobenzene	40.000	42.154	-5.4	94	0.00
25	Isophorone	40.000	40.404	-1.0	90	0.00
26 C	2-Nitrophenol	40.000	38.969	2.6	88	0.00
27	2,4-Dimethylphenol	40.000	40.803	-2.0	91	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.623	-1.6	92	0.00
29 C	2,4-Dichlorophenol	40.000	41.631	-4.1	91	0.00
30	1,2,4-Trichlorobenzene	40.000	41.179	-2.9	94	0.00
31	Naphthalene	40.000	40.897	-2.2	94	0.00
32	Benzoic acid	40.000	37.627	5.9	84	-0.04
33	4-Chloroaniline	40.000	41.648	-4.1	94	0.00
34 C	Hexachlorobutadiene	40.000	41.083	-2.7	94	0.00
35	Caprolactam	40.000	40.137	-0.3	89	-0.04
36 C	4-Chloro-3-methylphenol	40.000	41.480	-3.7	90	-0.01
37	2-Methylnaphthalene	40.000	40.623	-1.6	91	0.00
38	1-Methylnaphthalene	40.000	40.934	-2.3	93	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	93	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	40.951	-2.4	93	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.348	4.1	85	0.00
42 S	2,4,6-Tribromophenol	80.000	83.487	-4.4	88	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.914	-4.8	89	0.00
44	2,4,5-Trichlorophenol	40.000	41.696	-4.2	89	0.00
45 S	2-Fluorobiphenyl	80.000	81.295	-1.6	92	-0.01
46	1,1'-Biphenyl	40.000	40.406	-1.0	92	0.00
47	2-Chloronaphthalene	40.000	40.509	-1.3	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	38.606	3.5	90	-0.01
49	Acenaphthylene	40.000	40.959	-2.4	91	-0.01
50	Dimethylphthalate	40.000	40.477	-1.2	90	-0.01
51	2,6-Dinitrotoluene	40.000	38.999	2.5	92	0.00
52 C	Acenaphthene	40.000	41.060	-2.7	92	-0.01
53	3-Nitroaniline	40.000	40.012	-0.0	93	0.00
54 P	2,4-Dinitrophenol	40.000	38.351	4.1	86	-0.01
55	Dibenzofuran	40.000	40.520	-1.3	91	-0.01
56 P	4-Nitrophenol	40.000	37.715	5.7	89	-0.01
57	2,4-Dinitrotoluene	40.000	39.067	2.3	90	-0.01
58	Fluorene	40.000	40.550	-1.4	92	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.703	-4.3	87	-0.01
60	Diethylphthalate	40.000	39.757	0.6	87	0.00
61	4-Chlorophenyl-phenylether	40.000	39.813	0.5	90	-0.01
62	4-Nitroaniline	40.000	44.010	-10.0	93	-0.02
63	Azobenzene	40.000	40.697	-1.7	91	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	91	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.703	3.2	87	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.988	0.0	88	-0.01
67	4-Bromophenyl-phenylether	40.000	40.051	-0.1	89	-0.01
68	Hexachlorobenzene	40.000	40.547	-1.4	91	-0.01
69	Atrazine	40.000	39.684	0.8	87	0.00
70 C	Pentachlorophenol	40.000	39.267	1.8	86	-0.01
71	Phenanthrene	40.000	40.558	-1.4	91	0.00
72	Anthracene	40.000	40.616	-1.5	91	0.00
73	Carbazole	40.000	40.916	-2.3	90	0.00
74	Di-n-butylphthalate	40.000	40.001	-0.0	84	0.00
75 C	Fluoranthene	40.000	40.473	-1.2	89	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	92	0.01
77	Benzydine	40.000	39.205	2.0	88	0.00
78	Pyrene	40.000	40.702	-1.8	89	0.00
79 S	Terphenyl-d14	80.000	81.137	-1.4	90	0.00
80	Butylbenzylphthalate	40.000	35.613	11.0	81	0.00
81	Benzo(a)anthracene	40.000	40.844	-2.1	91	0.01
82	3,3'-Dichlorobenzidine	40.000	40.149	-0.4	88	0.00
83	Chrysene	40.000	40.574	-1.4	90	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.199	9.5	79	0.01
85 c	Di-n-octyl phthalate	40.000	36.718	8.2	78	0.02
86 I	Perylene-d12	20.000	20.000	0.0	92	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.819	-4.5	91	0.01
88	Benzo(b)fluoranthene	40.000	41.929	-4.8	92	0.00
89	Benzo(k)fluoranthene	40.000	41.079	-2.7	90	0.00
90 C	Benzo(a)pyrene	40.000	41.745	-4.4	91	0.01
91	Dibenzo(a,h)anthracene	40.000	42.003	-5.0	91	0.04
92	Benzo(g,h,i)perylene	40.000	41.605	-4.0	92	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



QC SAMPLE DATA

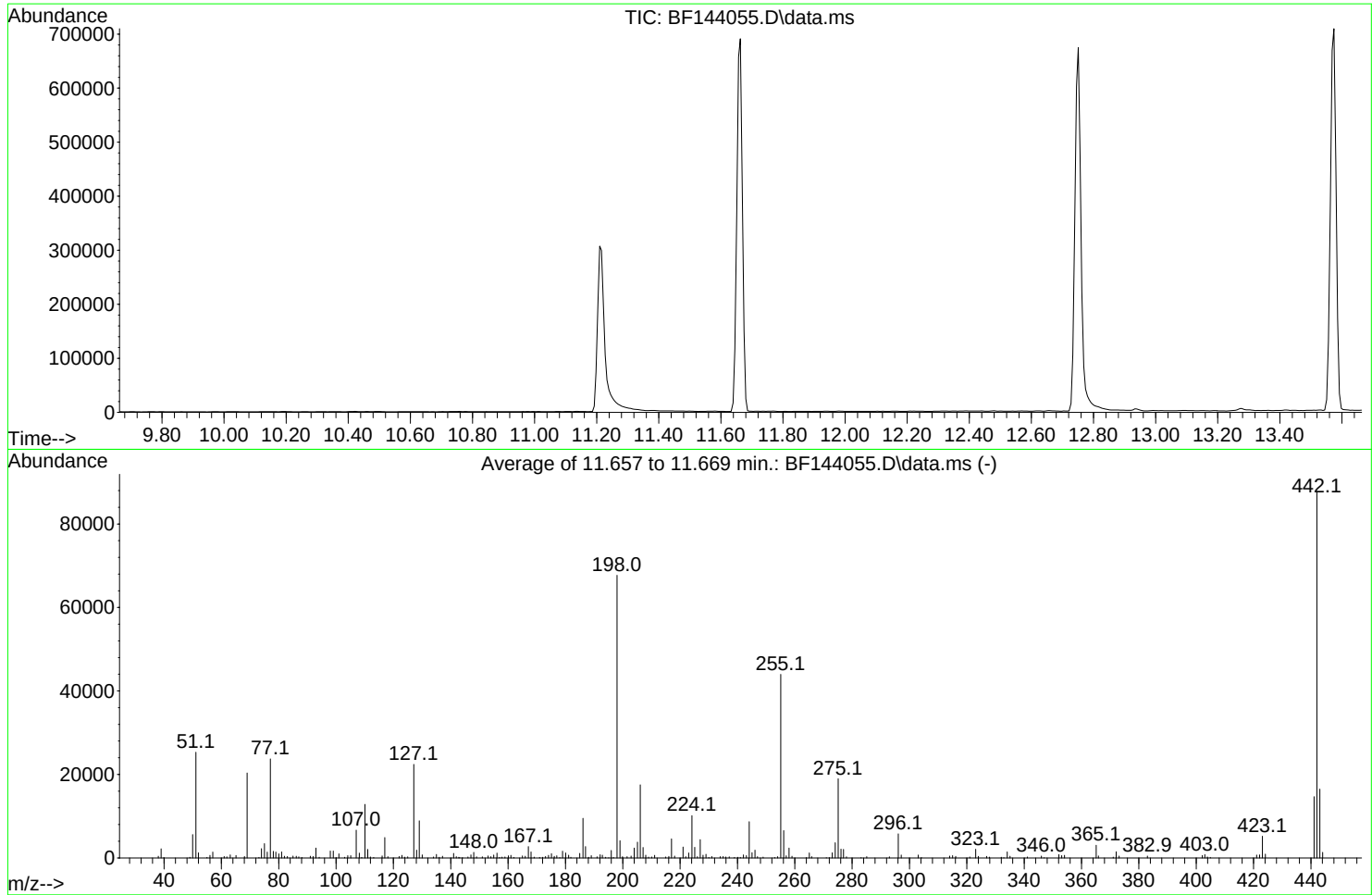
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



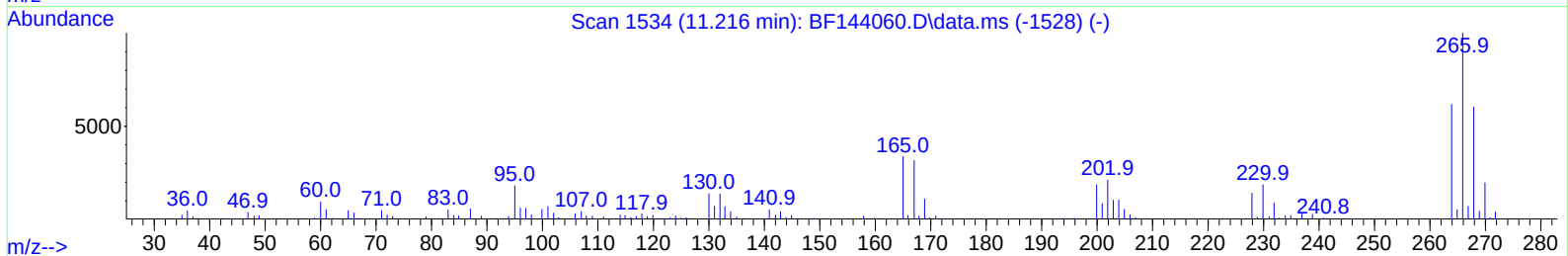
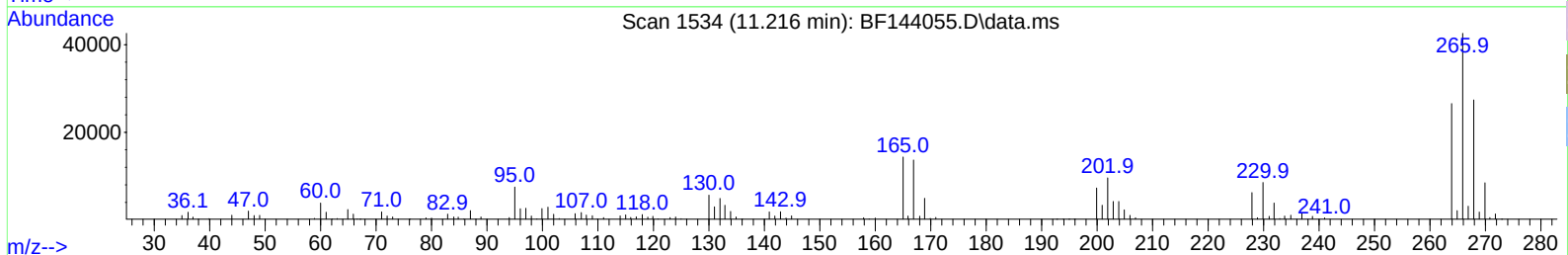
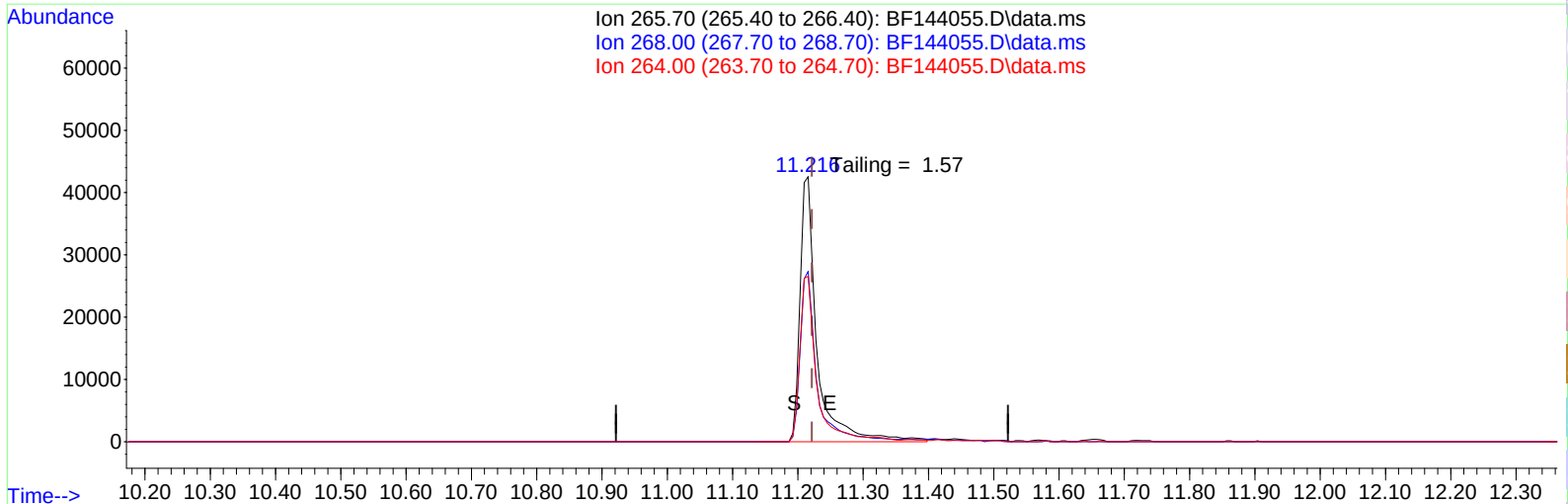
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	333	PASS
69	69	100	100	100.0	20363	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.2	133	PASS
198	198	100	100	100.0	67712	PASS
199	198	5	9	6.1	4142	PASS
365	198	1	100	4.5	3052	PASS
441	443	0.01	150	89.0	14677	PASS
442	442	100	100	100.0	87547	PASS
443	442	15	24	18.8	16486	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 24 10:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144055.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 43857.19 ng

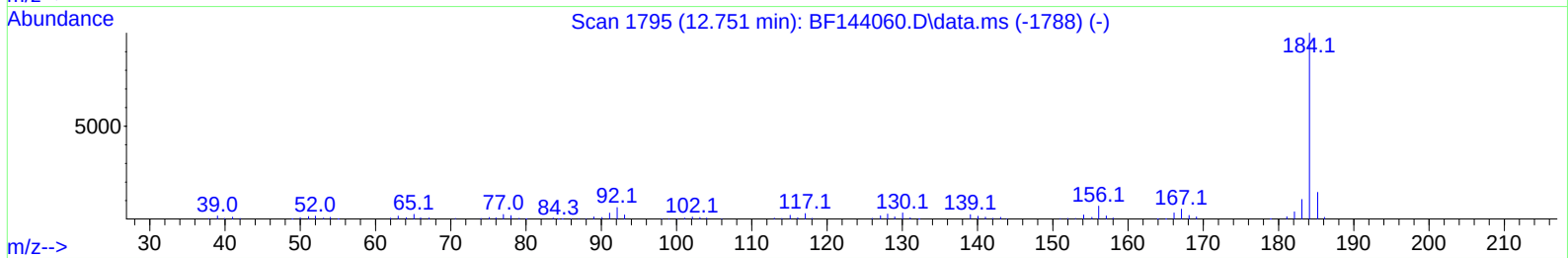
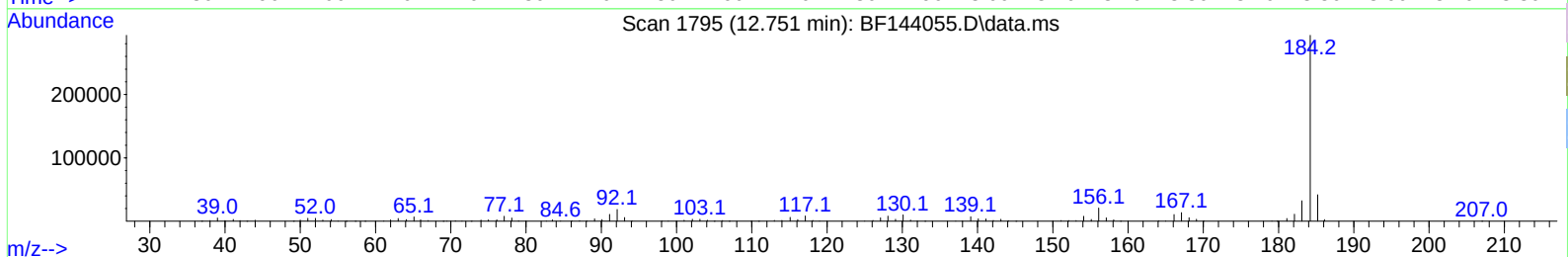
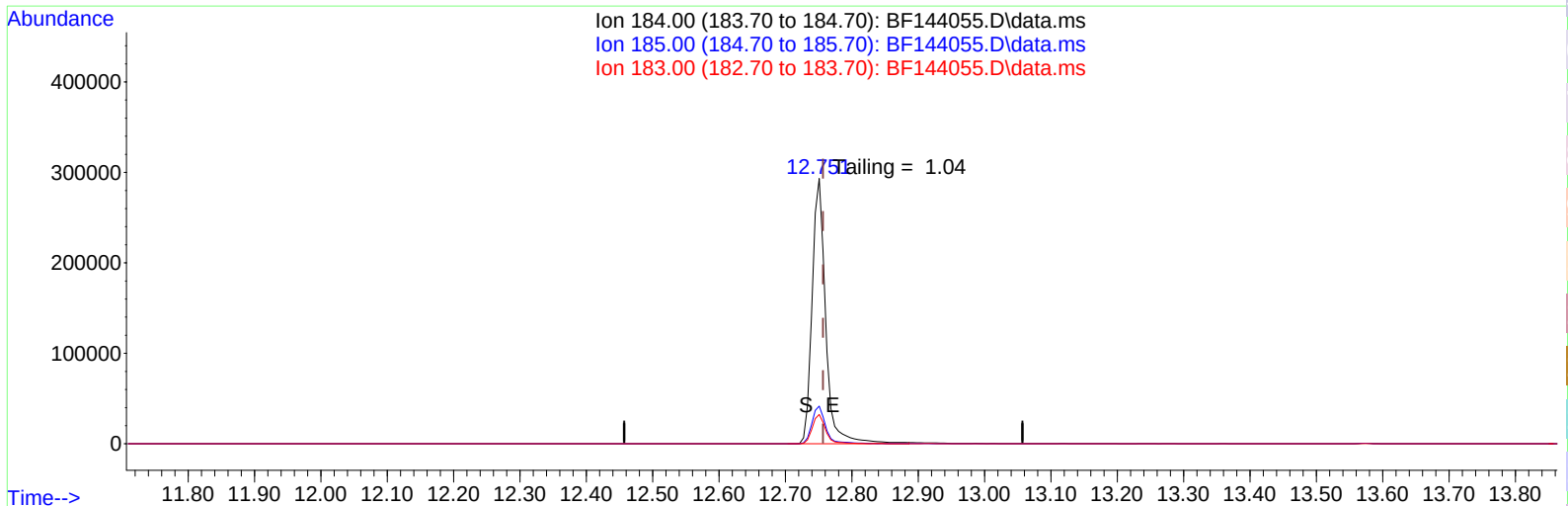
response 76701

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.29
264.00	64.70	62.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 24 10:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144055.D\data.ms

(77) Benzidine

12.751min (-0.006) 0.00 ng

response 416414

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.23
183.00	11.00	11.07
0.00	0.00	0.00

DDT Breakdown

Instrument :
BNA_F
ClientSampleId :
DFTPP

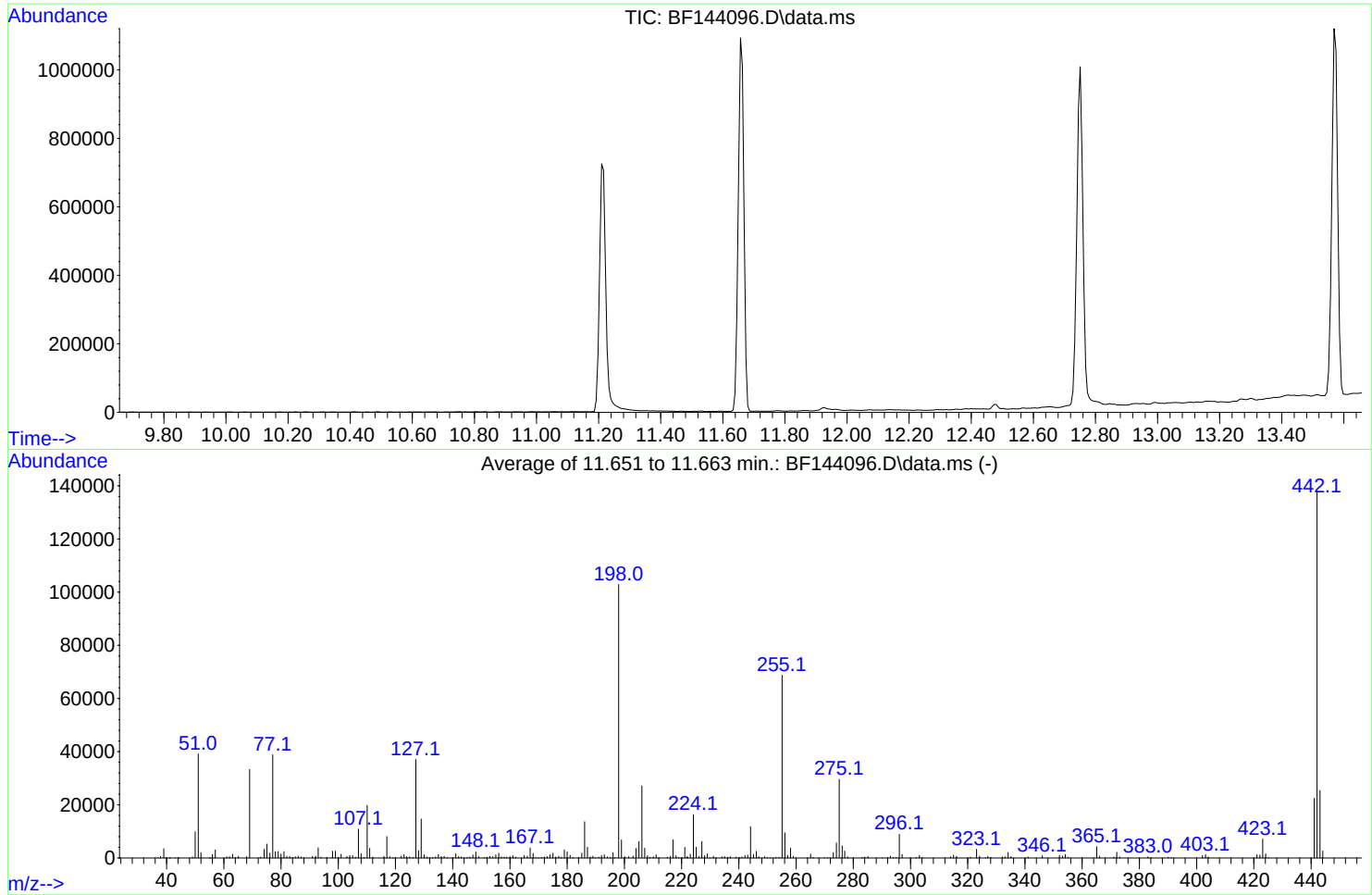
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_F	<u>BF144055.D</u>
Compound Name	Response	Retention Time
DDT	192449	13.574
DDD	3266	13.274
DDE	1346	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4612	197061	2.34

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144096.D
Acq On : 28 Oct 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



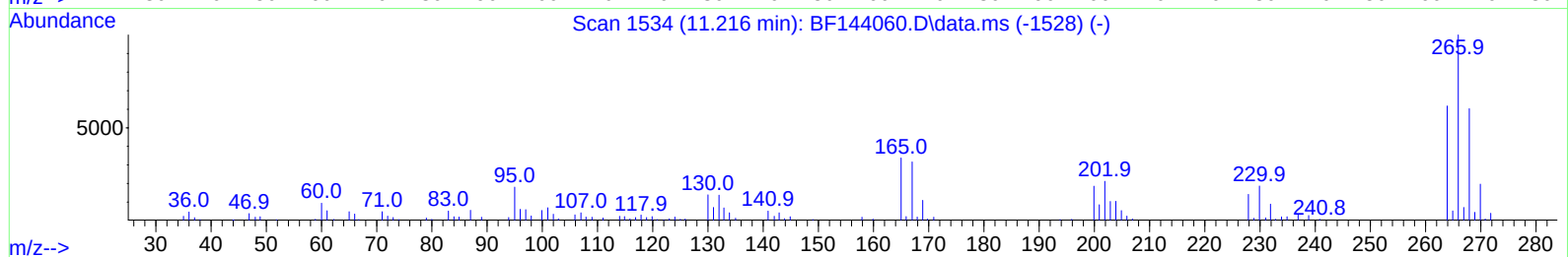
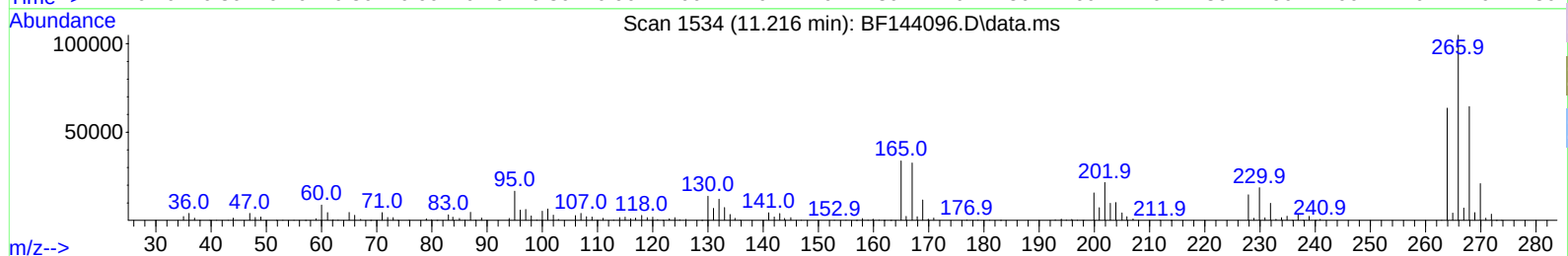
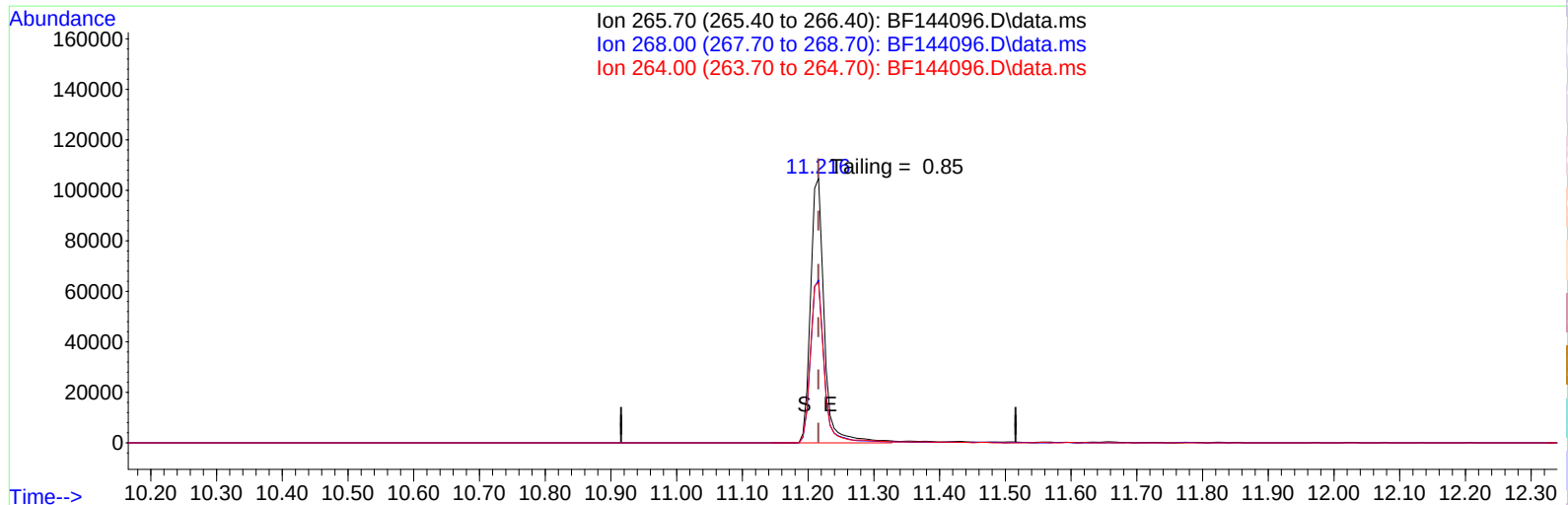
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.7	551	PASS
69	69	100	100	100.0	33349	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	102923	PASS
199	198	5	9	6.6	6806	PASS
365	198	1	100	4.1	4261	PASS
441	443	0.01	150	88.4	22452	PASS
442	442	100	100	100.0	137480	PASS
443	442	15	24	18.5	25399	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144096.D
Acq On : 28 Oct 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 28 14:08:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144096.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 40706.49 ng m

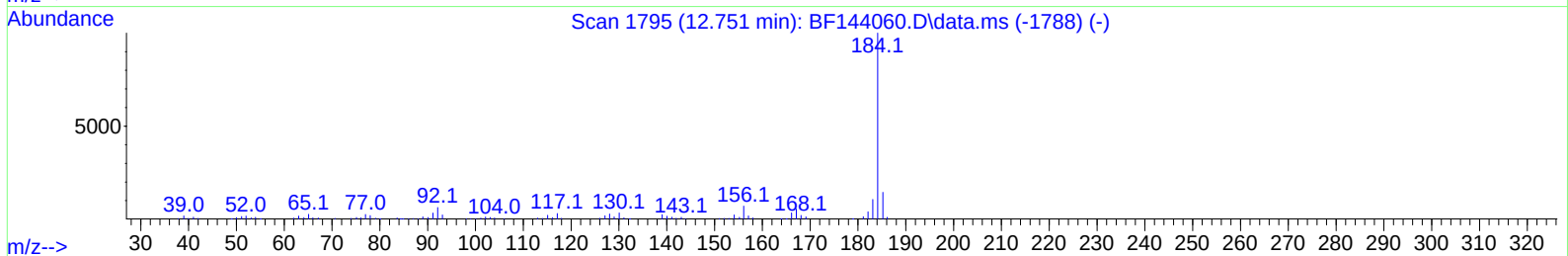
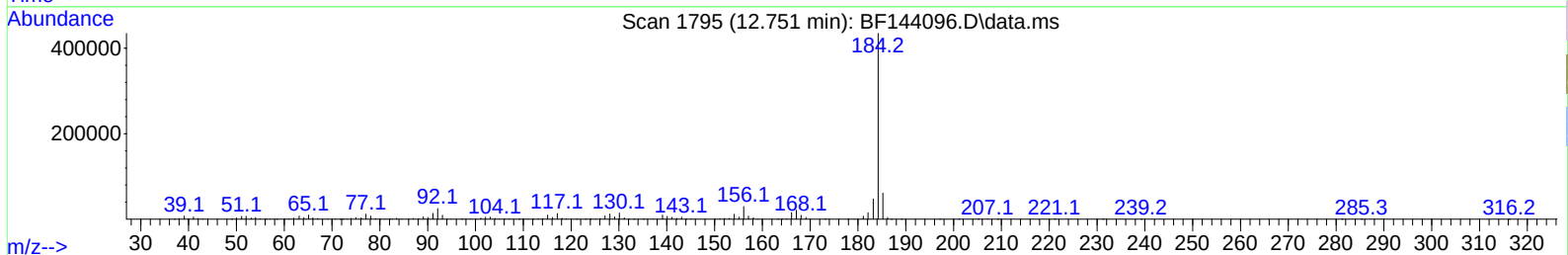
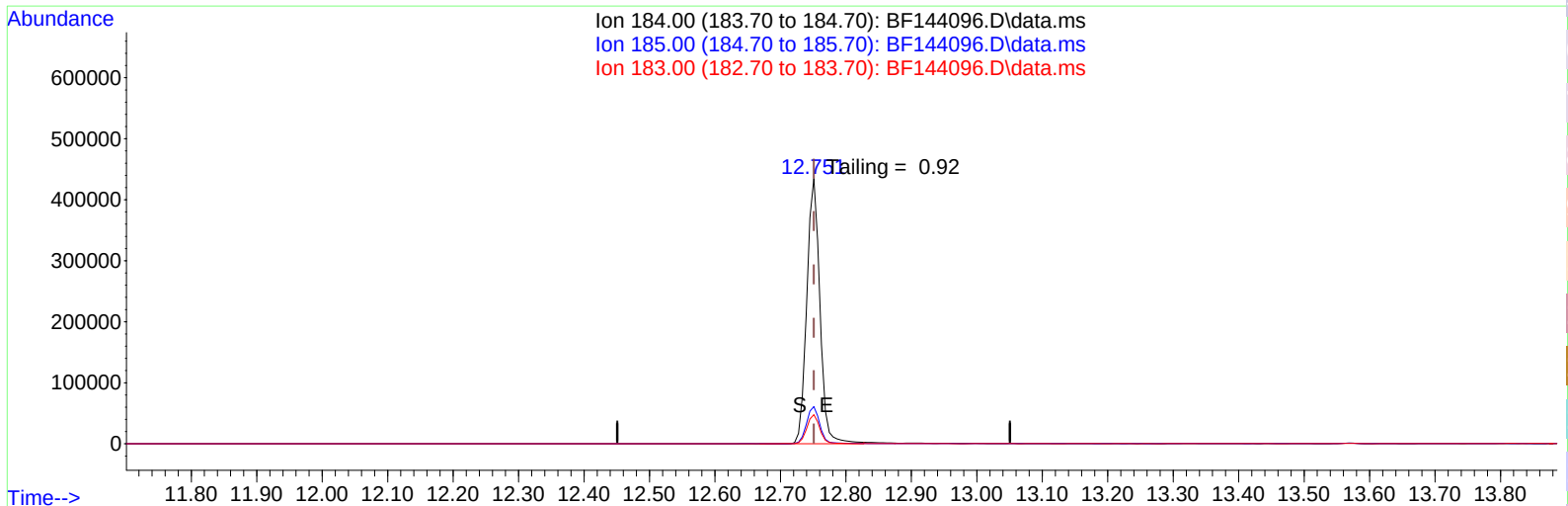
response 152337

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.30	61.51
264.00	61.70	60.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144096.D
Acq On : 28 Oct 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 28 14:08:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144096.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 31665.53 ng

response 613959

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.04
183.00	10.60	10.96
0.00	0.00	0.00

DDT Breakdown

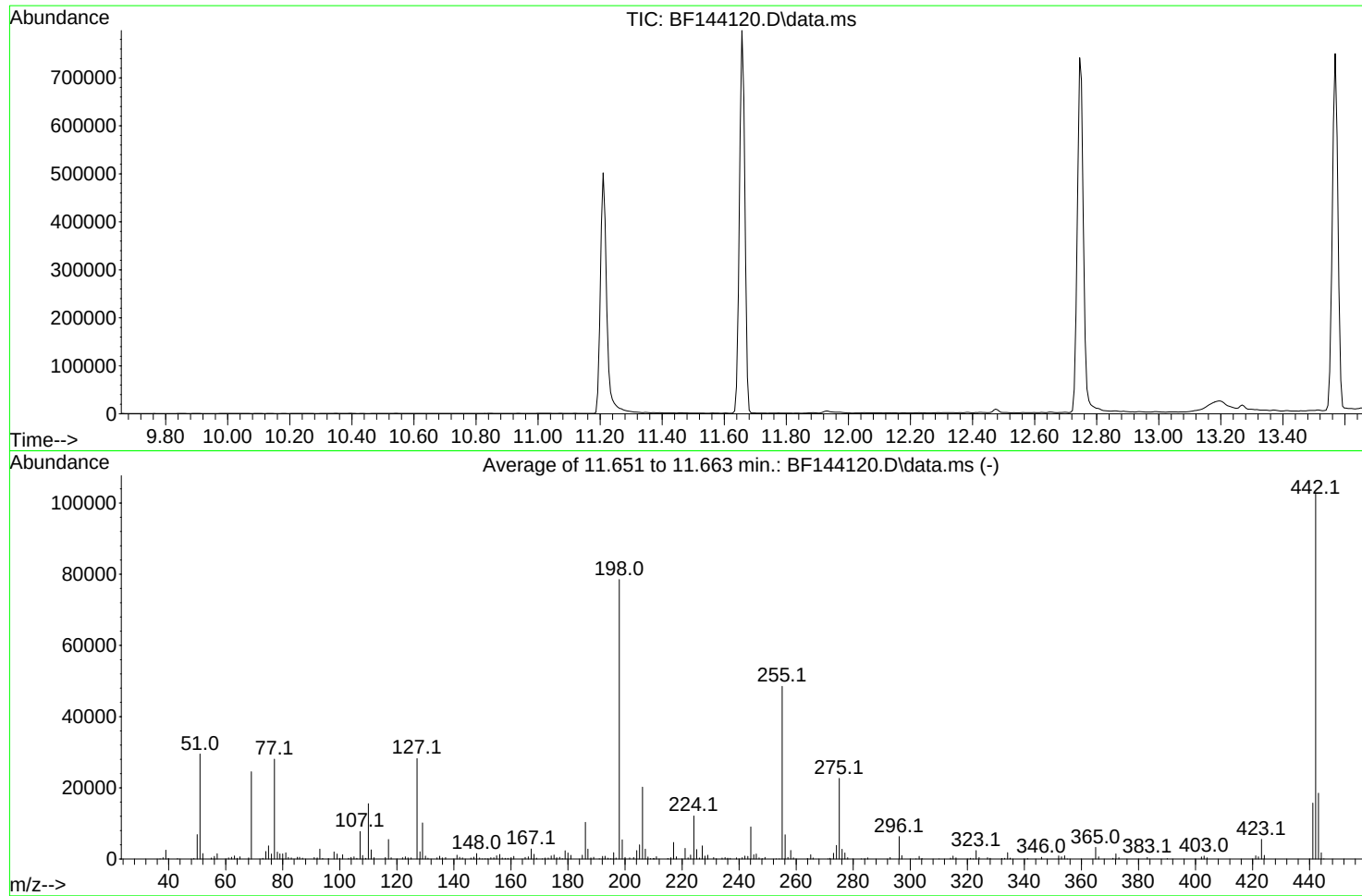
Date	Instrument Name	DFTPP Data File
10/28/2025	BNA_F	<u>BF144096.D</u>
Compound Name	Response	Retention Time
DDT	289356	13.569
DDD	3978	13.274
DDE	557	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4535	293891	1.54

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144120.D
Acq On : 29 Oct 2025 11:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



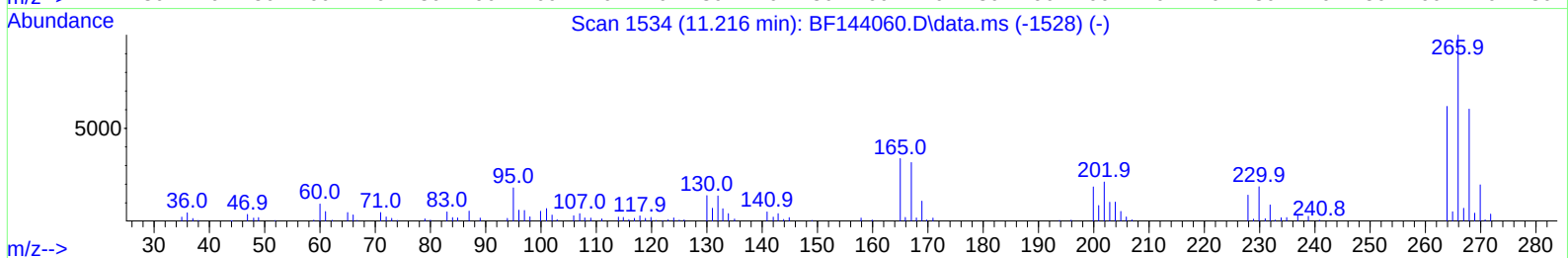
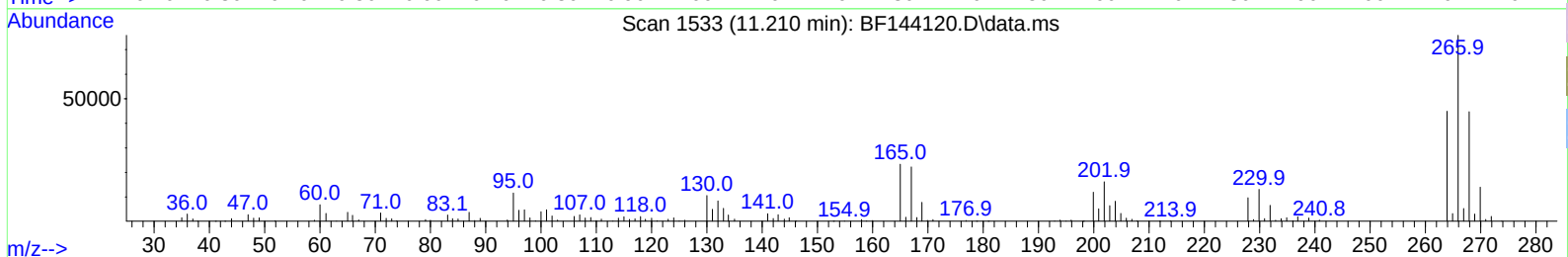
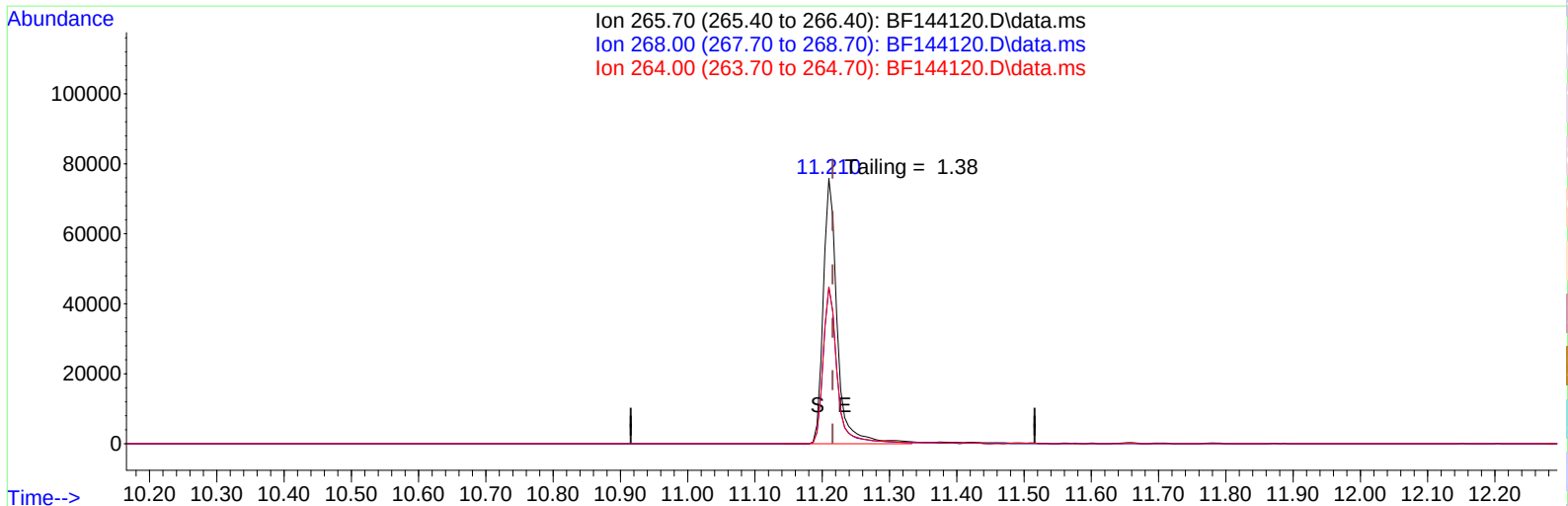
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.3	329	PASS
69	69	100	100	100.0	24539	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.4	309	PASS
198	198	100	100	100.0	78523	PASS
199	198	5	9	6.9	5389	PASS
365	198	1	100	4.2	3266	PASS
441	443	0.01	150	84.9	15712	PASS
442	442	100	100	100.0	102557	PASS
443	442	15	24	18.0	18498	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144120.D
Acq On : 29 Oct 2025 11:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 29 12:26:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144120.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 40226.81 ng

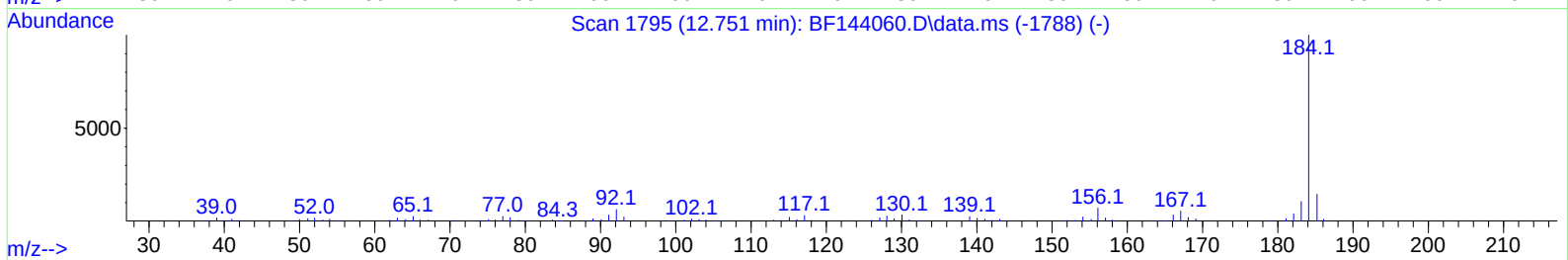
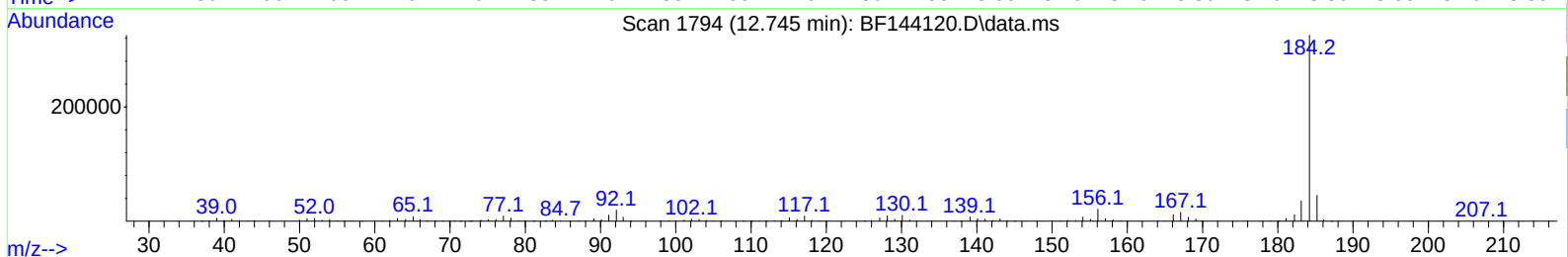
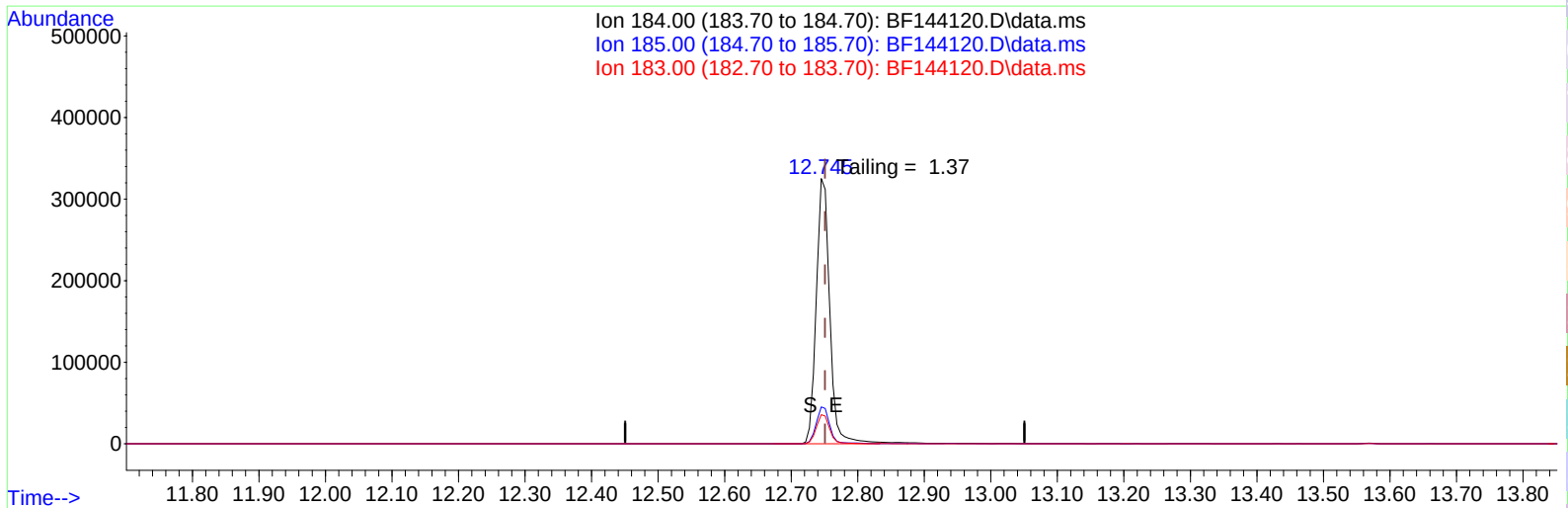
response 108496

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.30	59.00
264.00	61.70	59.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144120.D
Acq On : 29 Oct 2025 11:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 29 12:26:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144120.D\data.ms

(77) Benzidine

12.745min (-0.006) 267936.77 ng

response 458627

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	13.88
183.00	10.60	10.97
0.00	0.00	0.00

DDT Breakdown

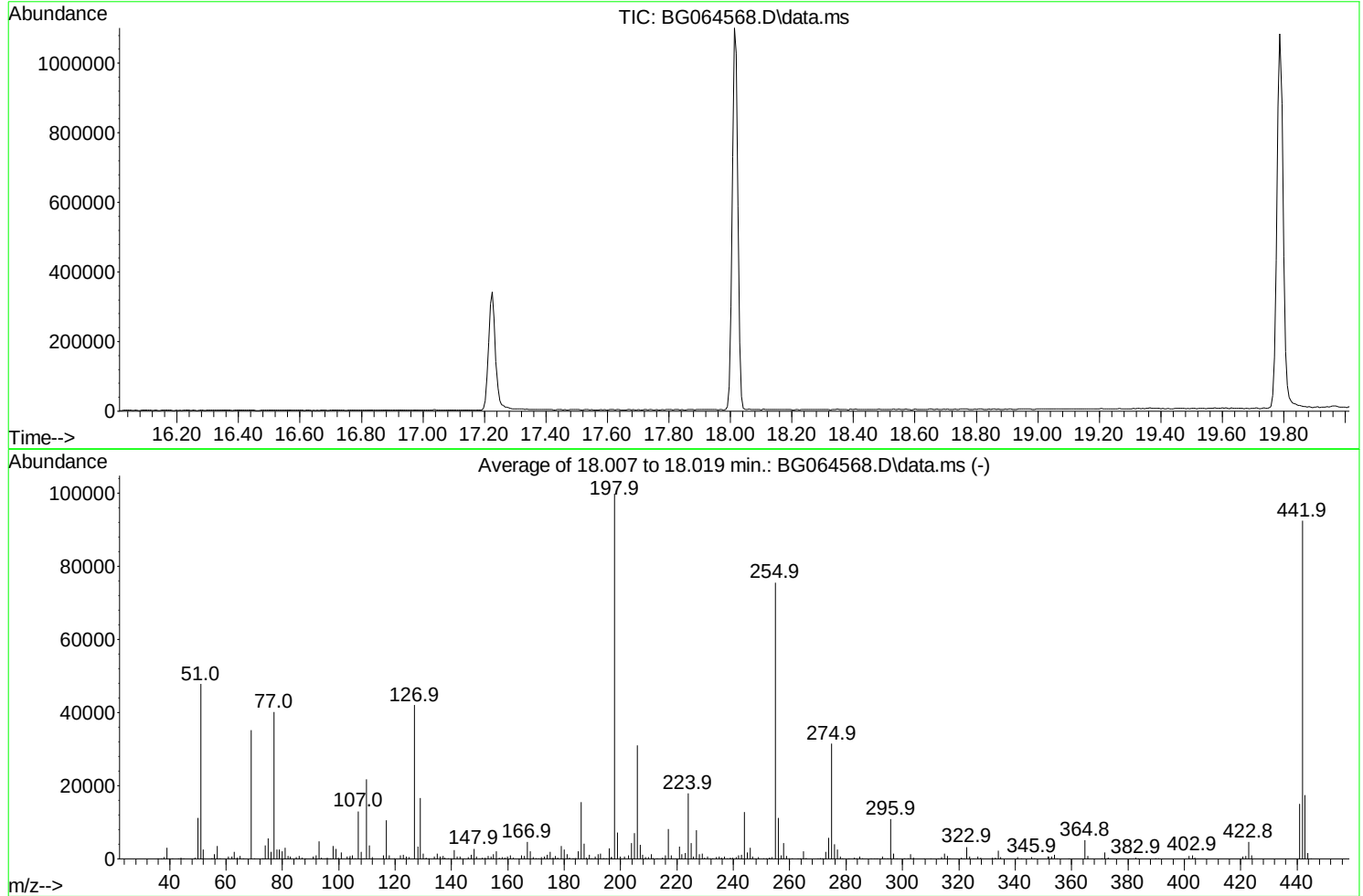
Date	Instrument Name	DFTPP Data File
10/29/2025	BNA_F	<u>BF144120.D</u>
Compound Name	Response	Retention Time
DDT	197272	13.569
DDD	5071	13.269
DDE	134	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5205	202477	2.57

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



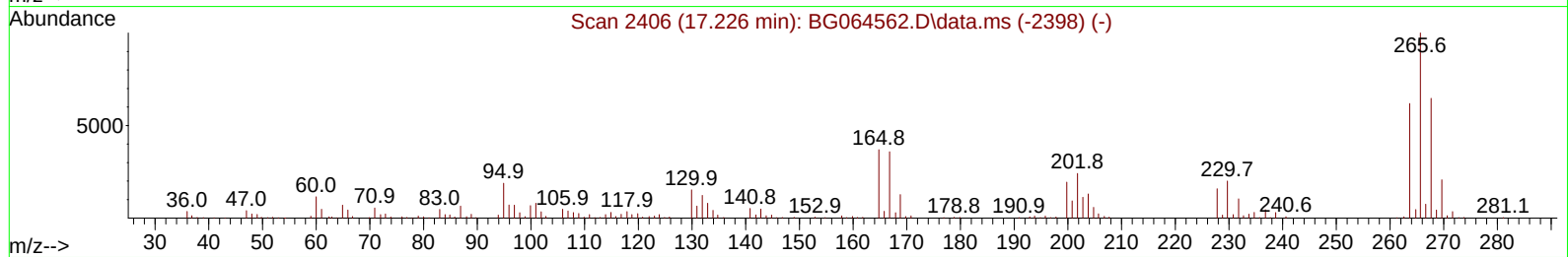
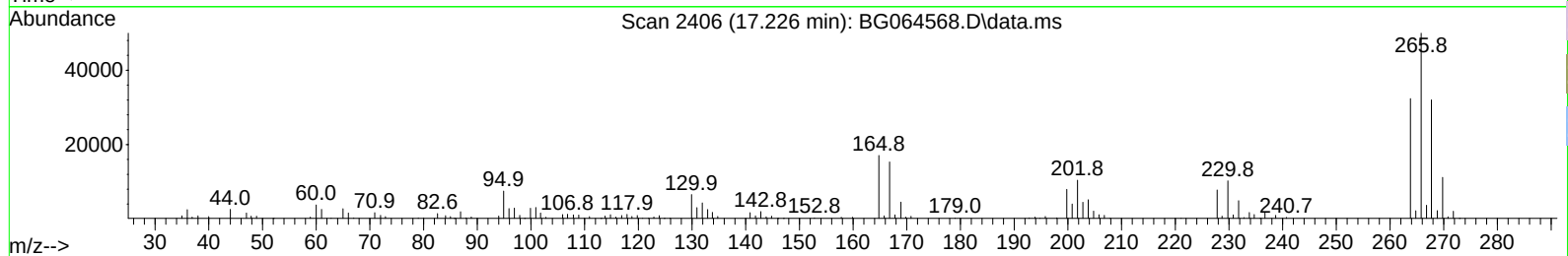
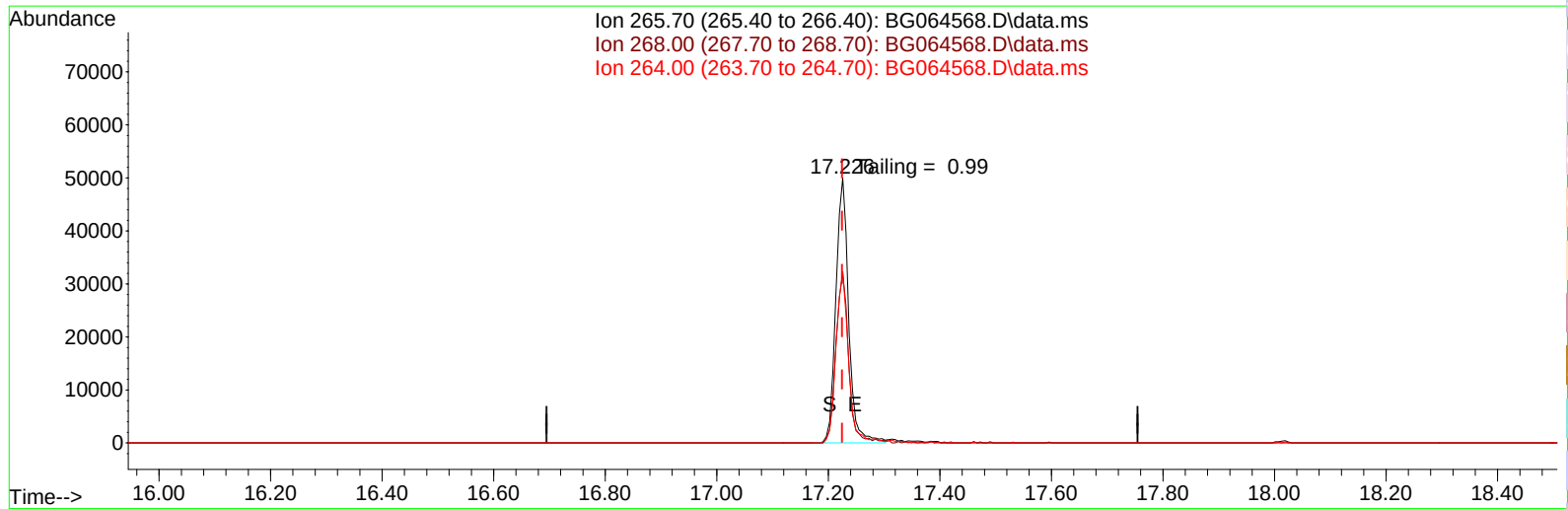
AutoFind: Scans 2539, 2540, 2541; Background Corrected with Scan 2533

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	35203	PASS
70	69	0.00	2	0.2	70	PASS
197	198	0.00	2	0.4	428	PASS
198	198	100	100	100.0	99864	PASS
199	198	5	9	7.2	7222	PASS
365	198	1	100	5.1	5094	PASS
441	443	0.01	150	86.3	15073	PASS
442	442	100	100	100.0	92525	PASS
443	442	15	24	18.9	17468	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration



TIC: BG064568.D\data.ms

(70) Pentachlorophenol (C)

17.226min (+ 0.001) 15878.32 ng

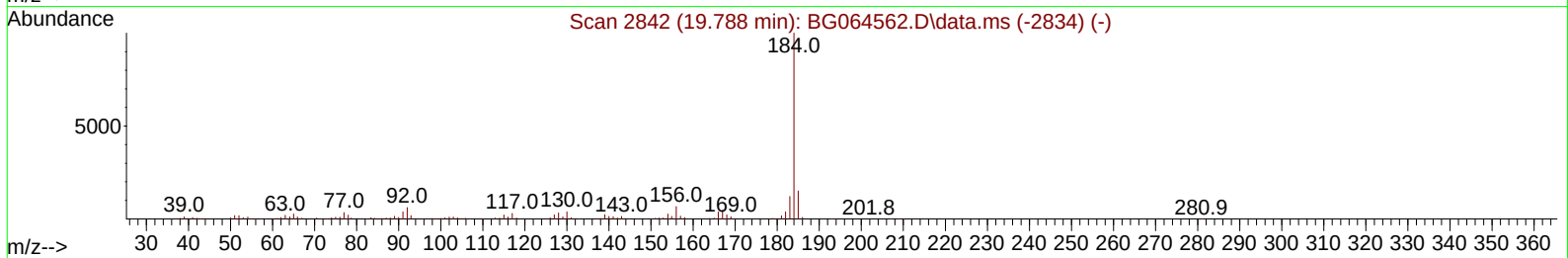
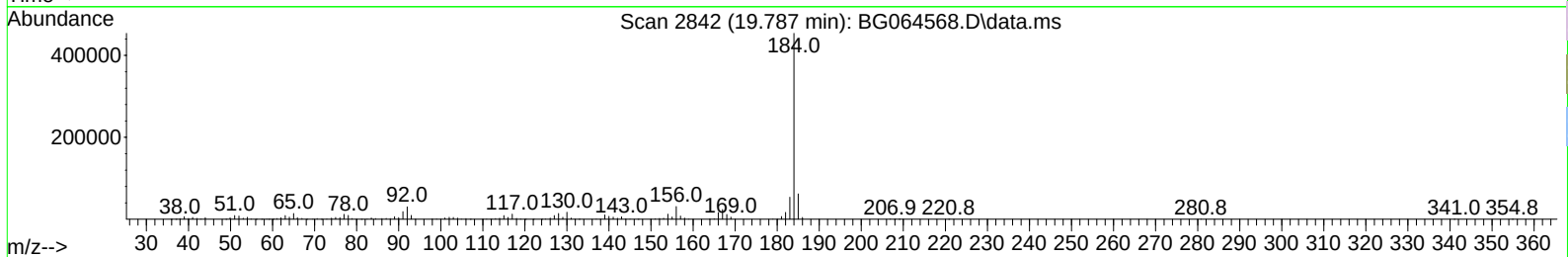
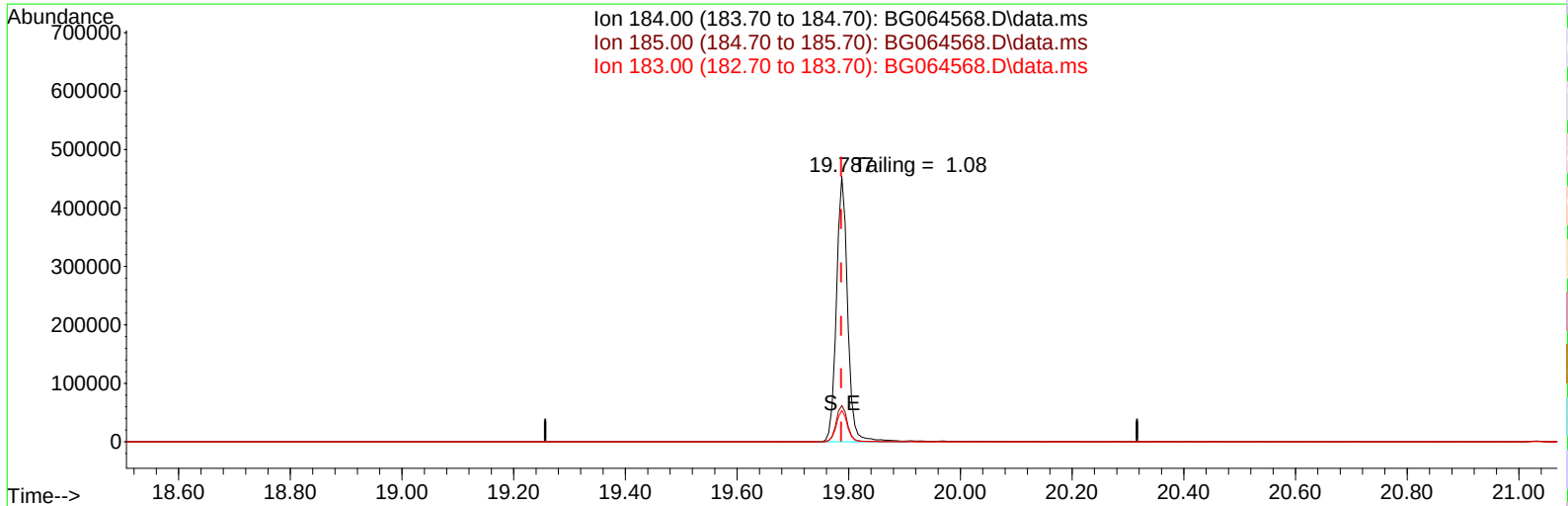
response 79720

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	69.10	64.11
264.00	61.90	64.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration



TIC: BG064568.D\data.ms

(77) Benzidine

19.787min (+ 0.001) 0.00 ng

response 632825

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.00	13.68
183.00	12.10	11.84
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

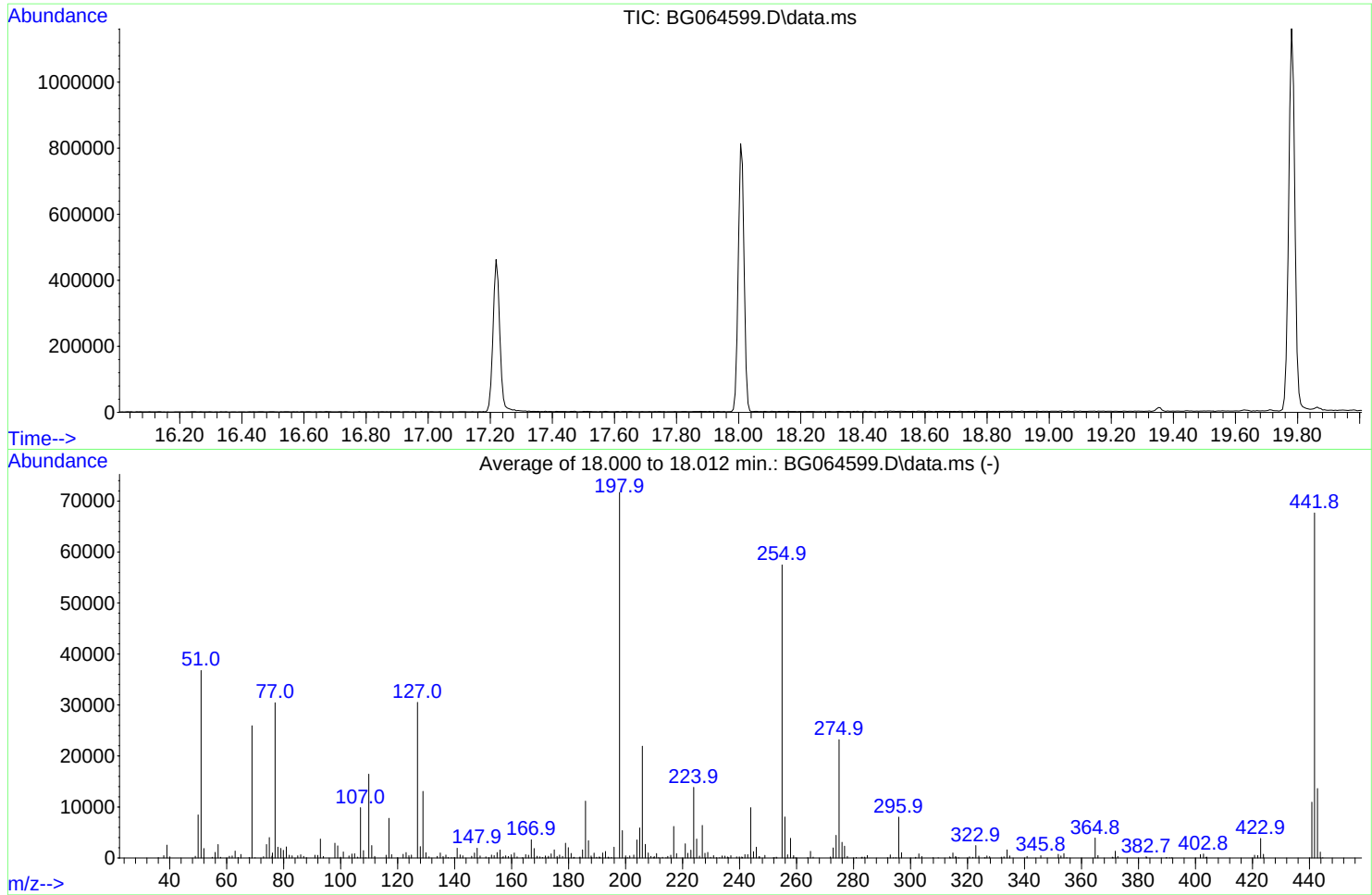
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_G	BG064568.D
Compound Name	Response	Retention Time
DDT	249894	21.033
DDD	4771	20.586
DDE	827	20.087
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5598	255492	2.19

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064599.D
Acq On : 28 Oct 2025 13:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



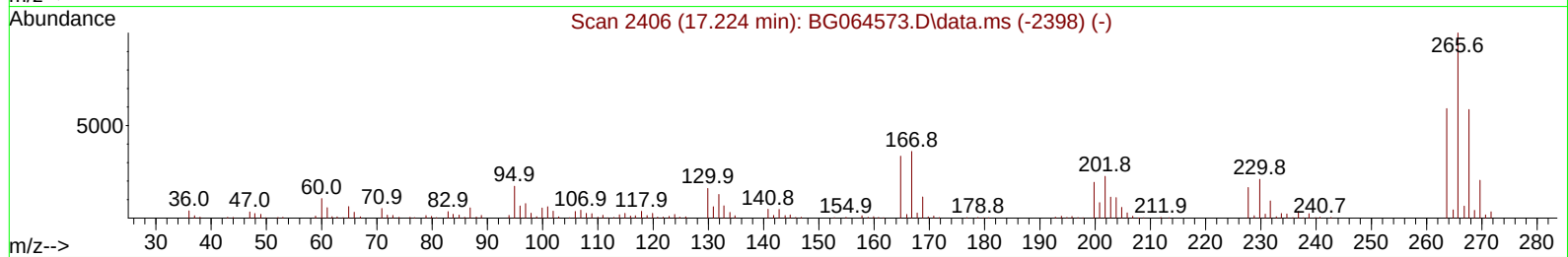
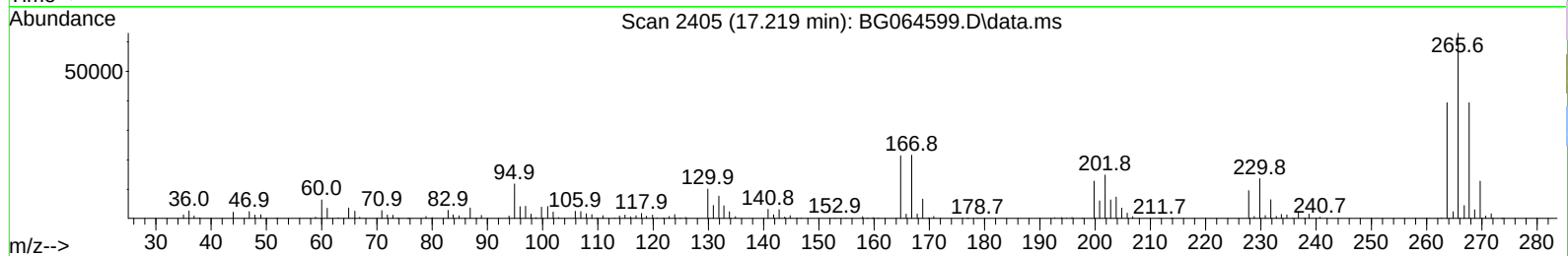
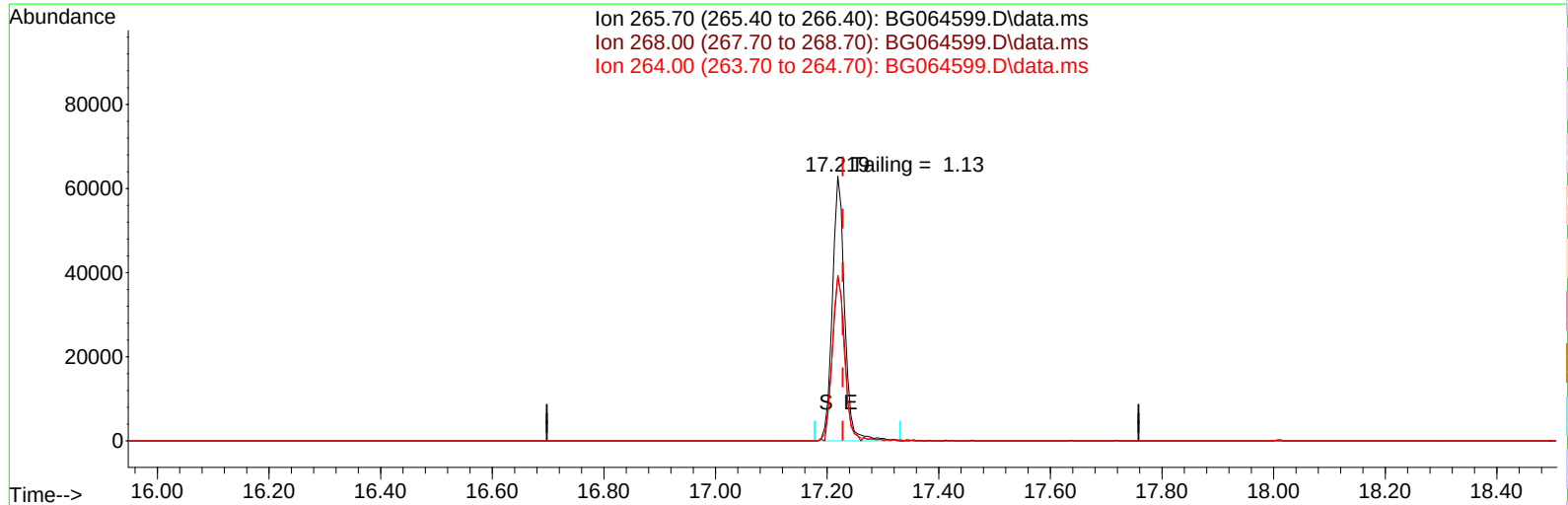
AutoFind: Scans 2538, 2539, 2540; Background Corrected with Scan 2532

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.5	120	PASS
69	69	100	100	100.0	25923	PASS
70	69	0.00	2	0.2	56	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	71661	PASS
199	198	5	9	7.5	5384	PASS
365	198	1	100	5.5	3911	PASS
441	443	0.01	150	80.3	10936	PASS
442	442	100	100	100.0	67661	PASS
443	442	15	24	20.1	13611	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064599.D
Acq On : 28 Oct 2025 13:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 28 13:46:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064599.D\data.ms

(70) Pentachlorophenol (C)

17.219min (-0.009) 17647.50 ng

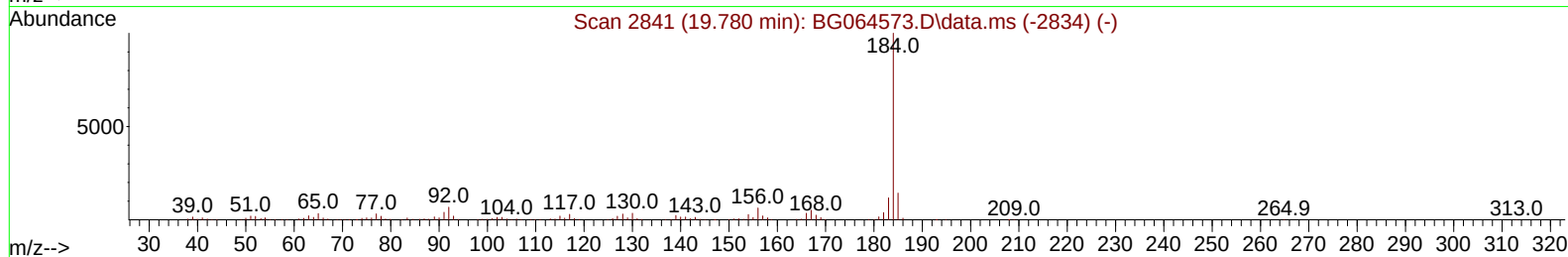
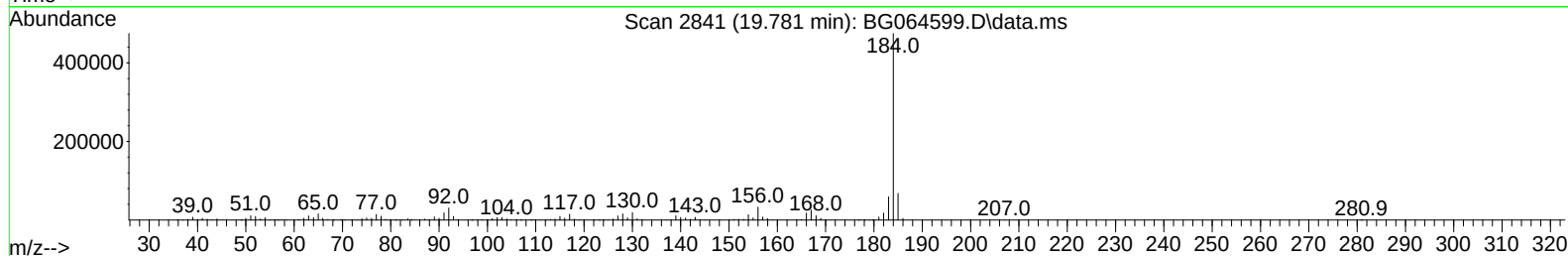
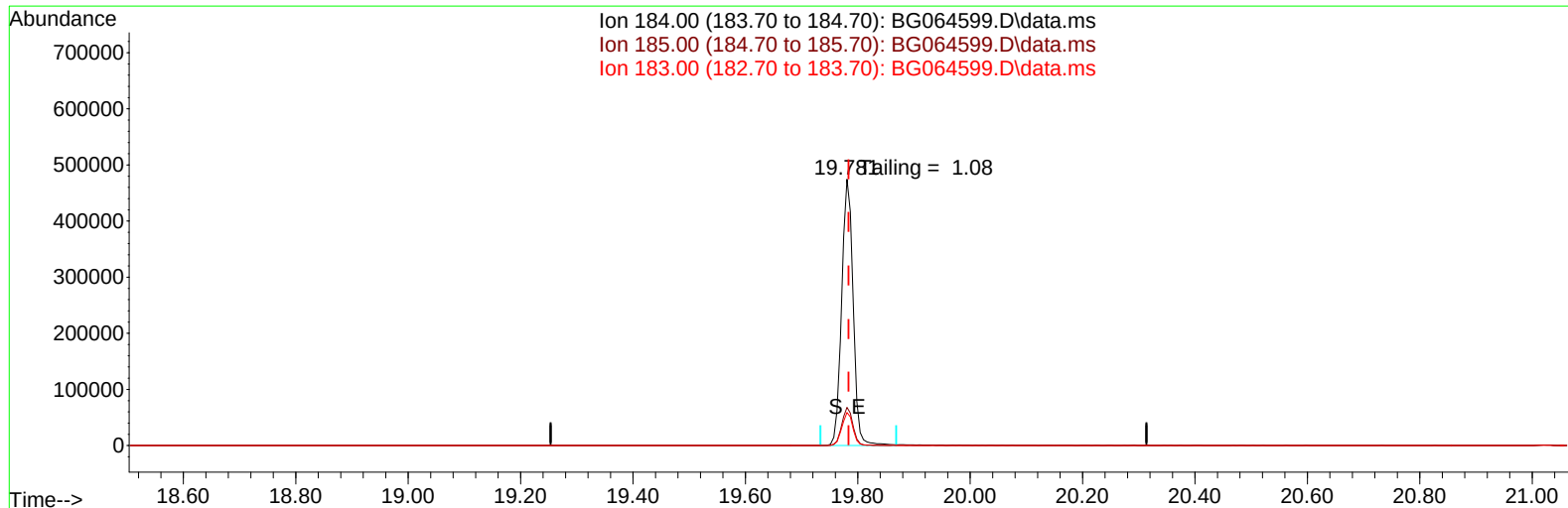
response 95812

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.90	67.39
264.00	59.10	62.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064599.D
Acq On : 28 Oct 2025 13:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 28 13:46:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064599.D\data.ms

(77) Benzidine

19.781min (-0.003) 0.00 ng

response 671639

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.33
183.00	11.80	12.43
0.00	0.00	0.00

DDT Breakdown

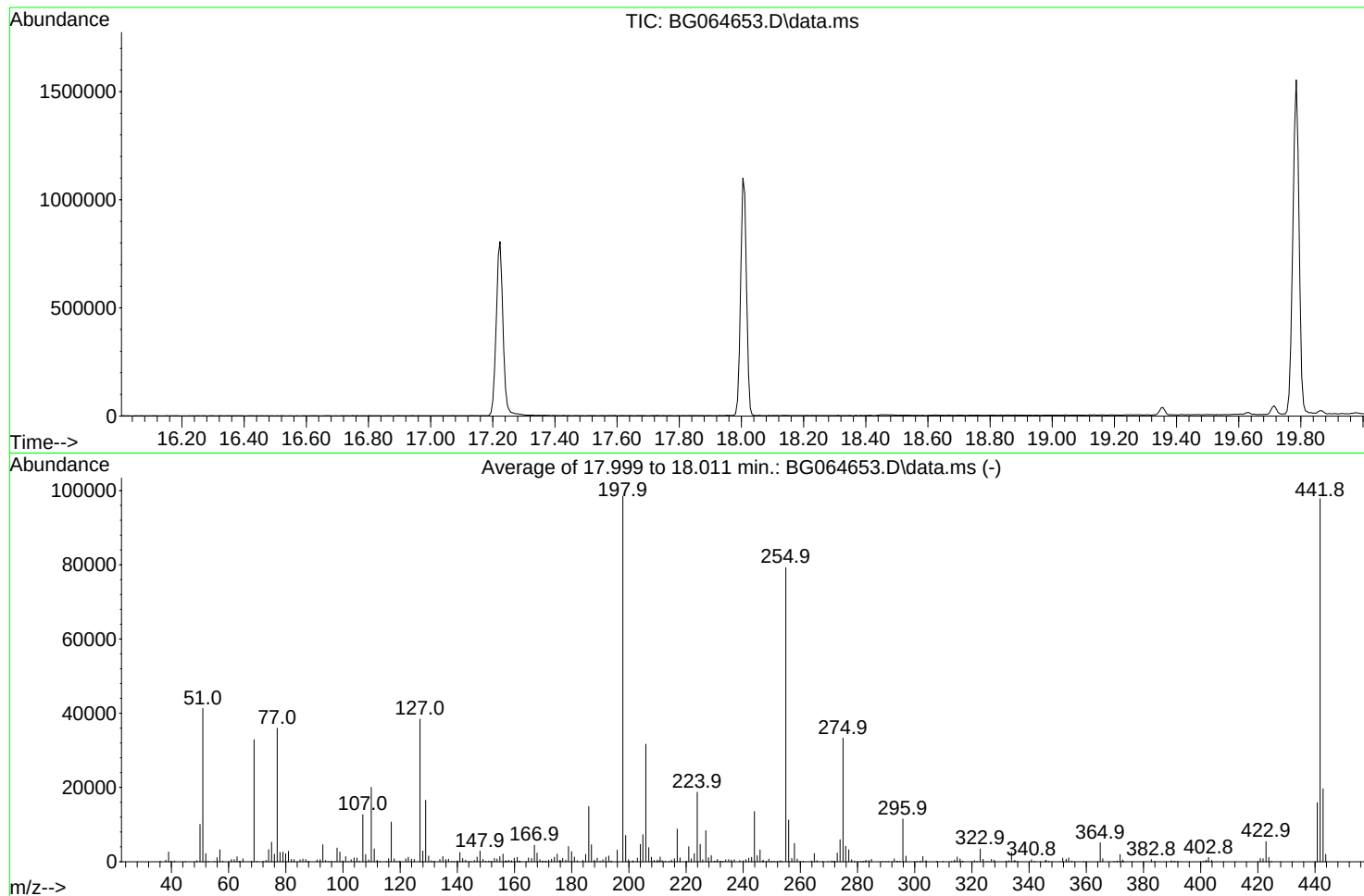
Date	Instrument Name	DFTPP Data File
10/28/2025	BNA_G	BG064599.D
Compound Name	Response	Retention Time
DDT	283202	21.02
DDD	2284	20.574
DDE	0	19.706
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2284	285486	0.80

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064653.D
Acq On : 31 Oct 2025 12:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



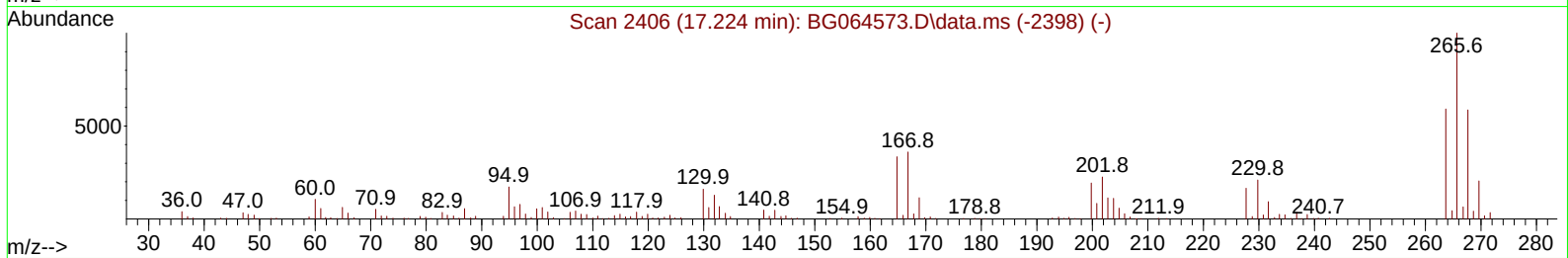
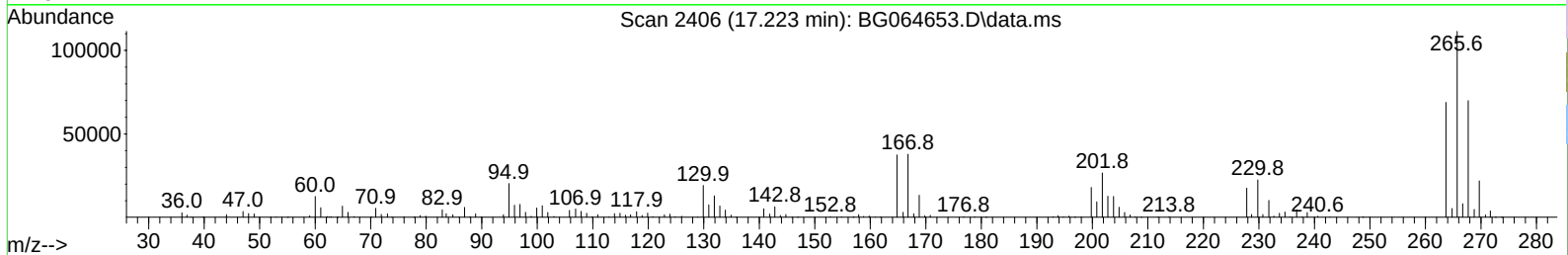
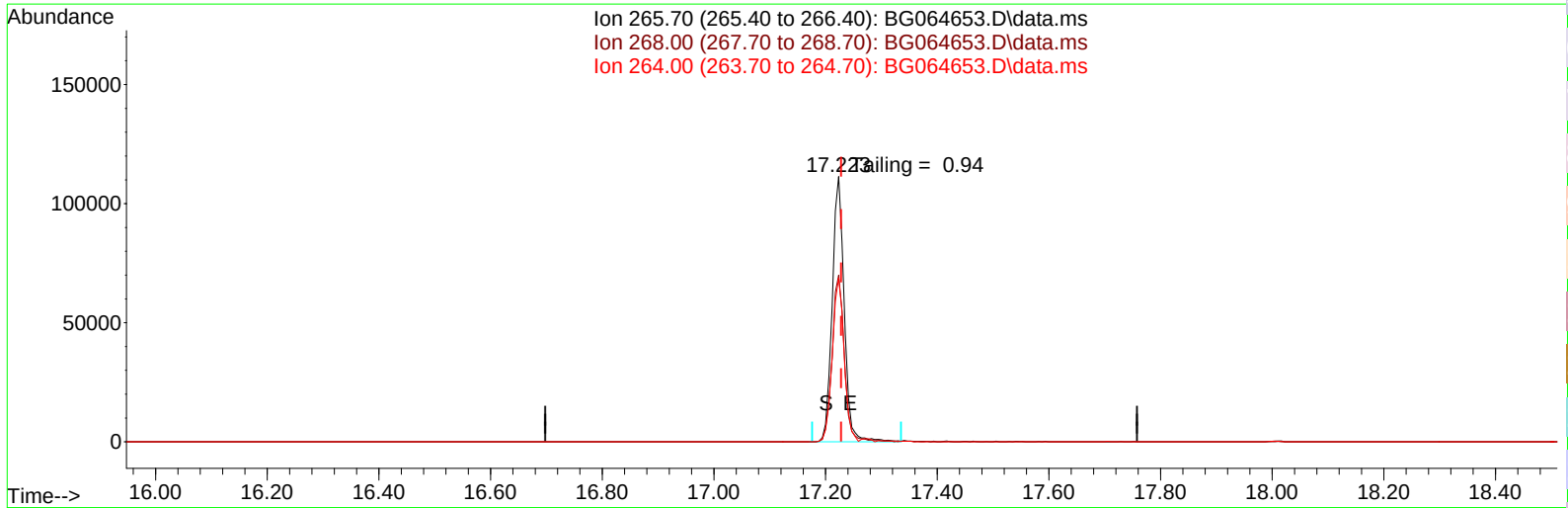
AutoFind: Scans 2538, 2539, 2540; Background Corrected with Scan 2532

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.6	203	PASS
69	69	100	100	100.0	32859	PASS
70	69	0.00	2	0.2	60	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	98488	PASS
199	198	5	9	7.2	7105	PASS
365	198	1	100	5.2	5145	PASS
441	443	0.01	150	81.0	15924	PASS
442	442	100	100	100.0	97829	PASS
443	442	15	24	20.1	19658	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064653.D
Acq On : 31 Oct 2025 12:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 31 13:23:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064653.D\data.ms

(70) Pentachlorophenol (C)

17.223min (-0.004) 30324.08 ng m

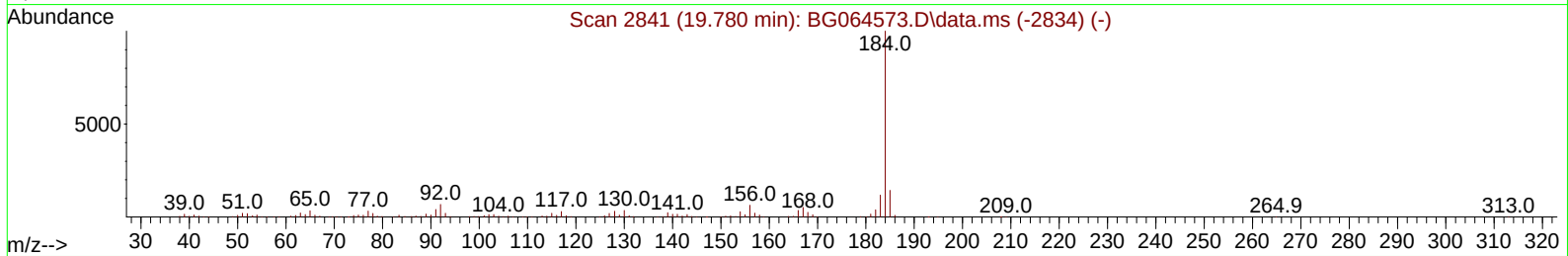
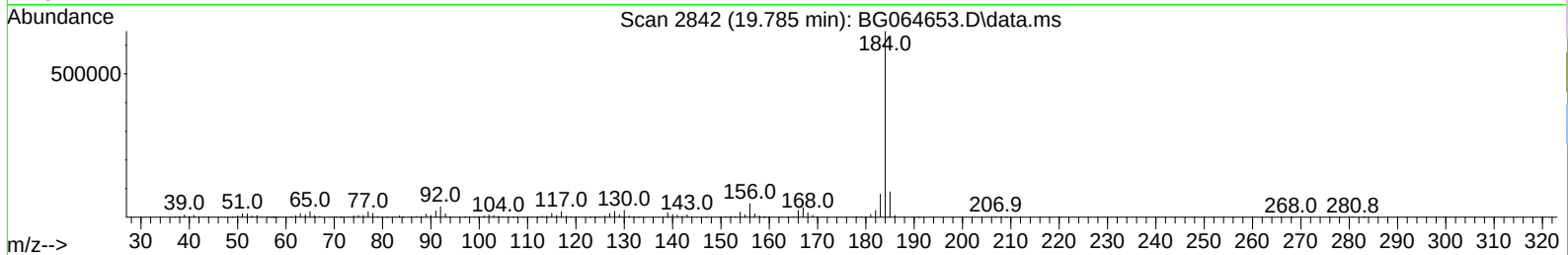
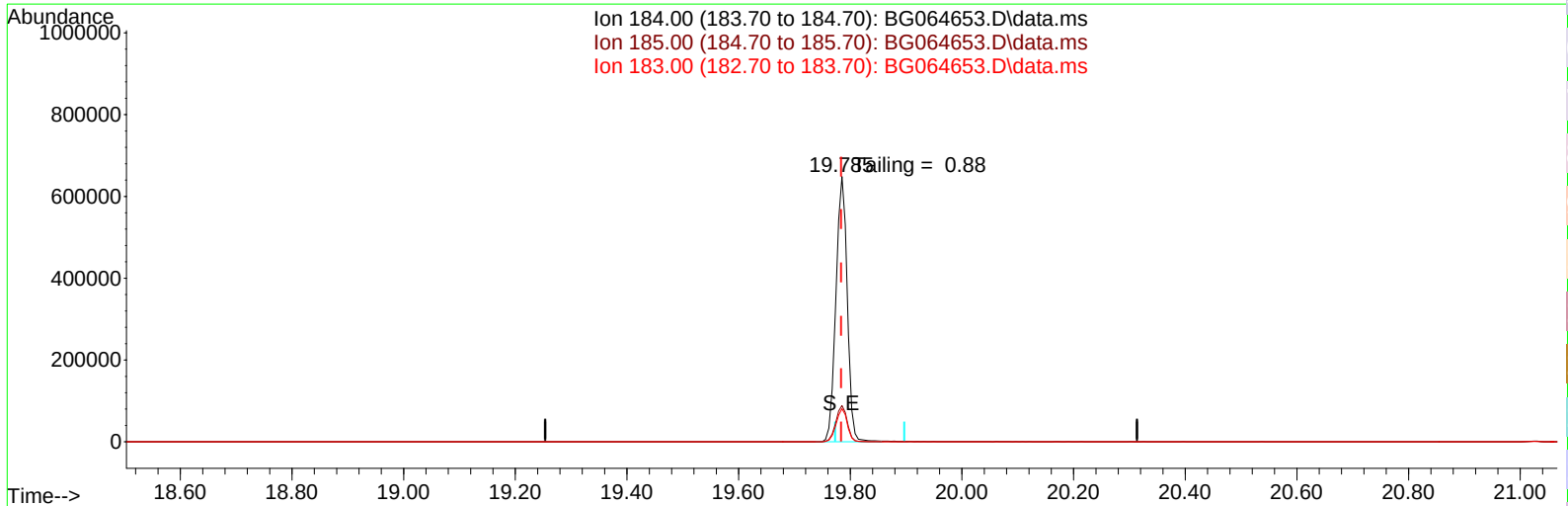
response 166681

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.90	62.76
264.00	59.10	61.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064653.D
Acq On : 31 Oct 2025 12:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 31 13:23:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064653.D\data.ms

(77) Benzidine**19.785min (+ 0.002) 516456.63 ng****response 740529**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	13.67
183.00	11.80	12.49
0.00	0.00	0.00

DDT Breakdown

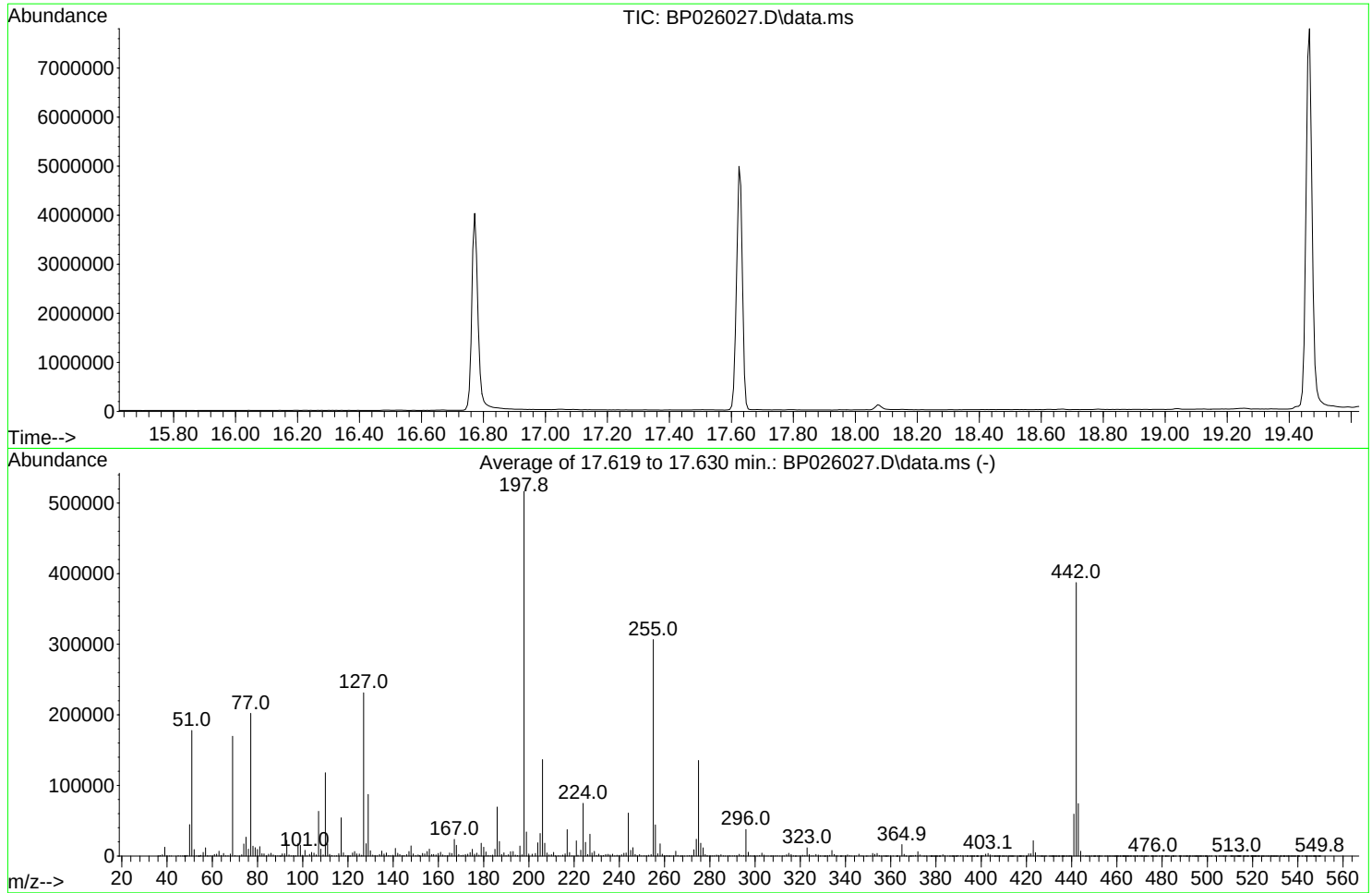
Date	Instrument Name	DFTPP Data File
10/31/2025	BNA_G	<u>BG064653.D</u>
Compound Name	Response	Retention Time
DDT	481237	21.025
DDD	7452	20.572
DDE	956	20.079
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
8408	489645	1.72

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025



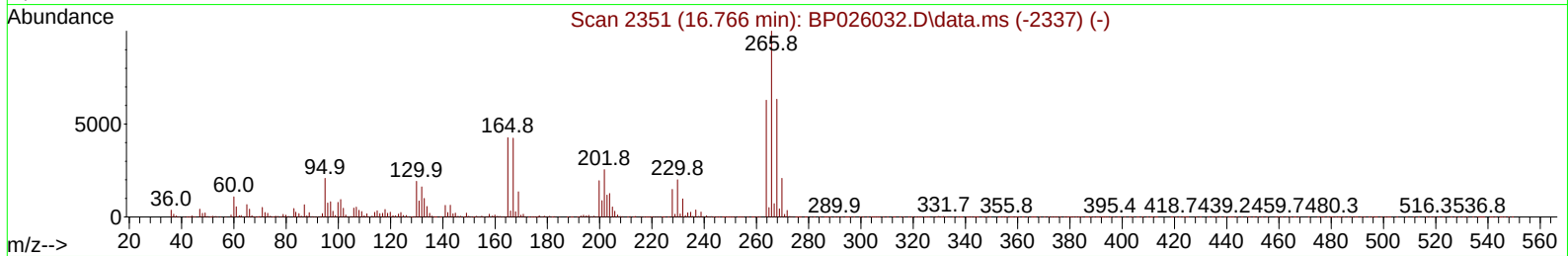
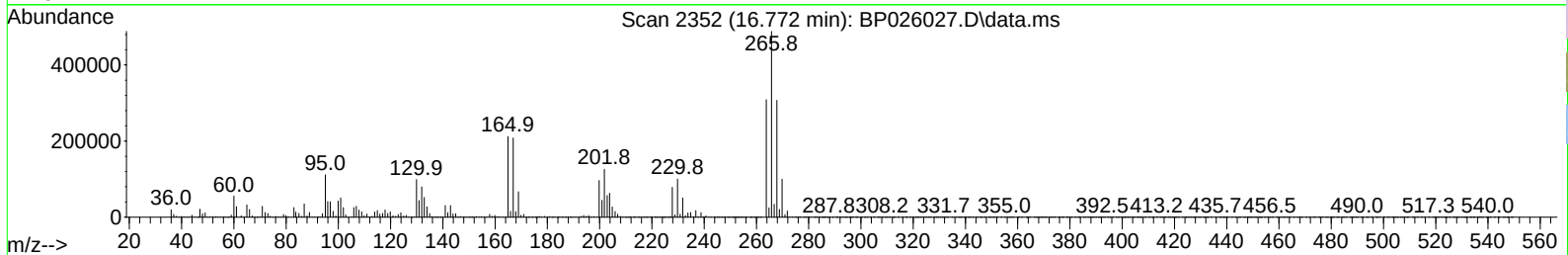
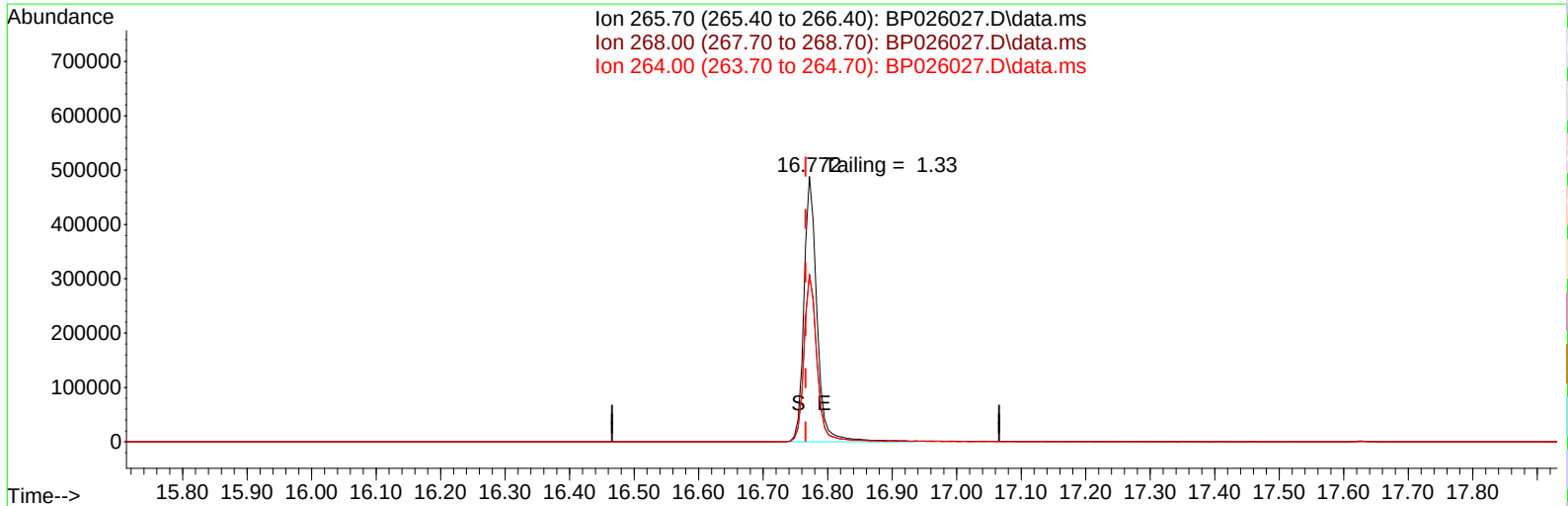
AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2484

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	2792	PASS
69	69	100	100	100.0	169765	PASS
70	69	0.00	2	0.4	752	PASS
197	198	0.00	2	0.4	1827	PASS
198	198	100	100	100.0	516572	PASS
199	198	5	9	6.6	34035	PASS
365	198	1	100	3.1	16180	PASS
441	443	0.01	150	79.9	59342	PASS
442	442	100	100	100.0	387348	PASS
443	442	15	24	19.2	74271	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration



TIC: BP026027.D\data.ms

(70) Pentachlorophenol (C)

16.772min (+ 0.006) 52866.47 ng

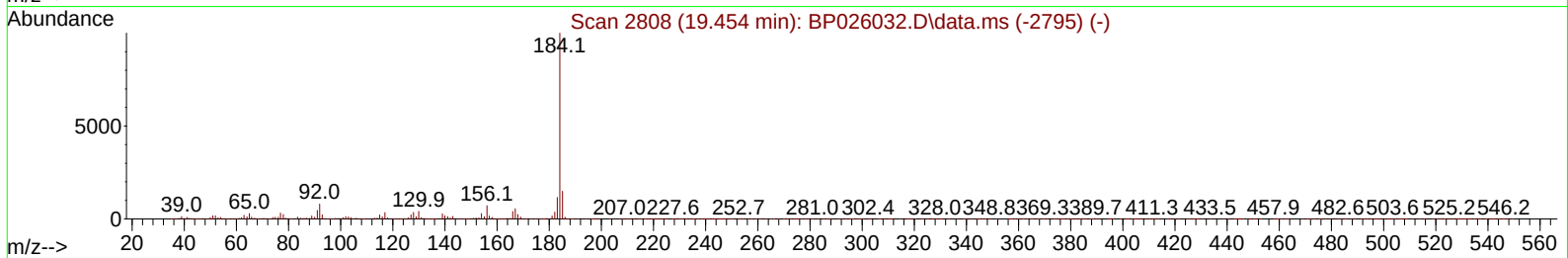
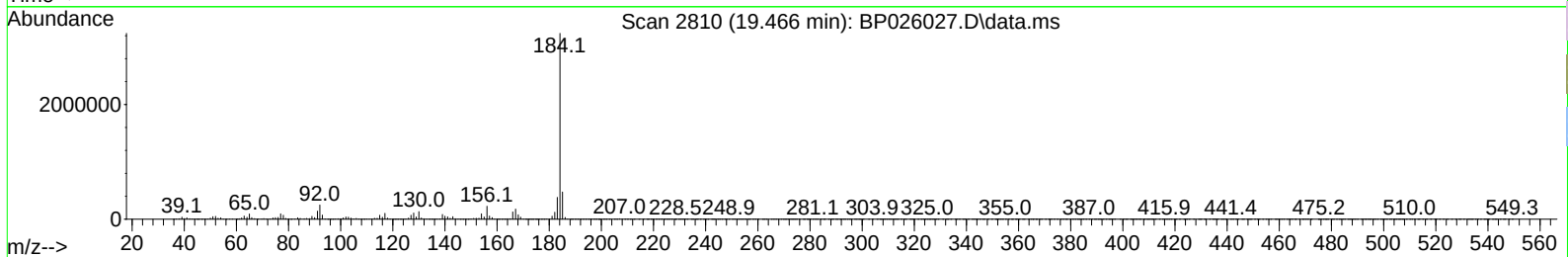
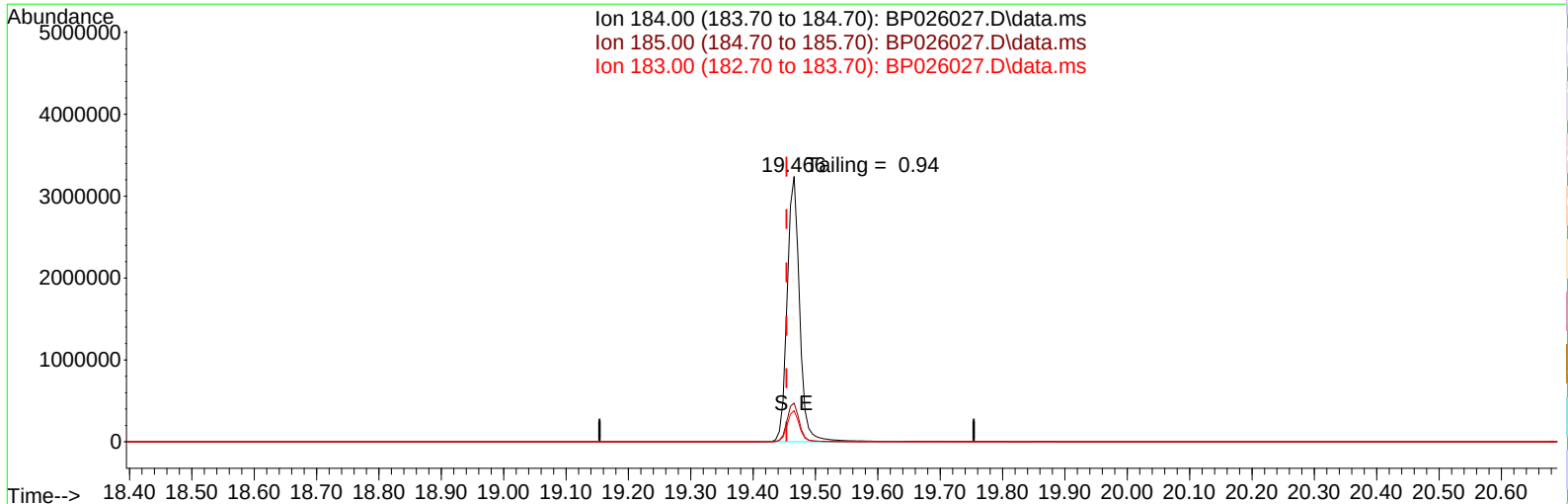
response 688723

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	62.93
264.00	62.80	63.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration



TIC: BP026027.D\data.ms

(77) Benzidine

19.466min (+ 0.012) 16317.24 ng

response 4546390

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.62
183.00	11.50	11.75
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

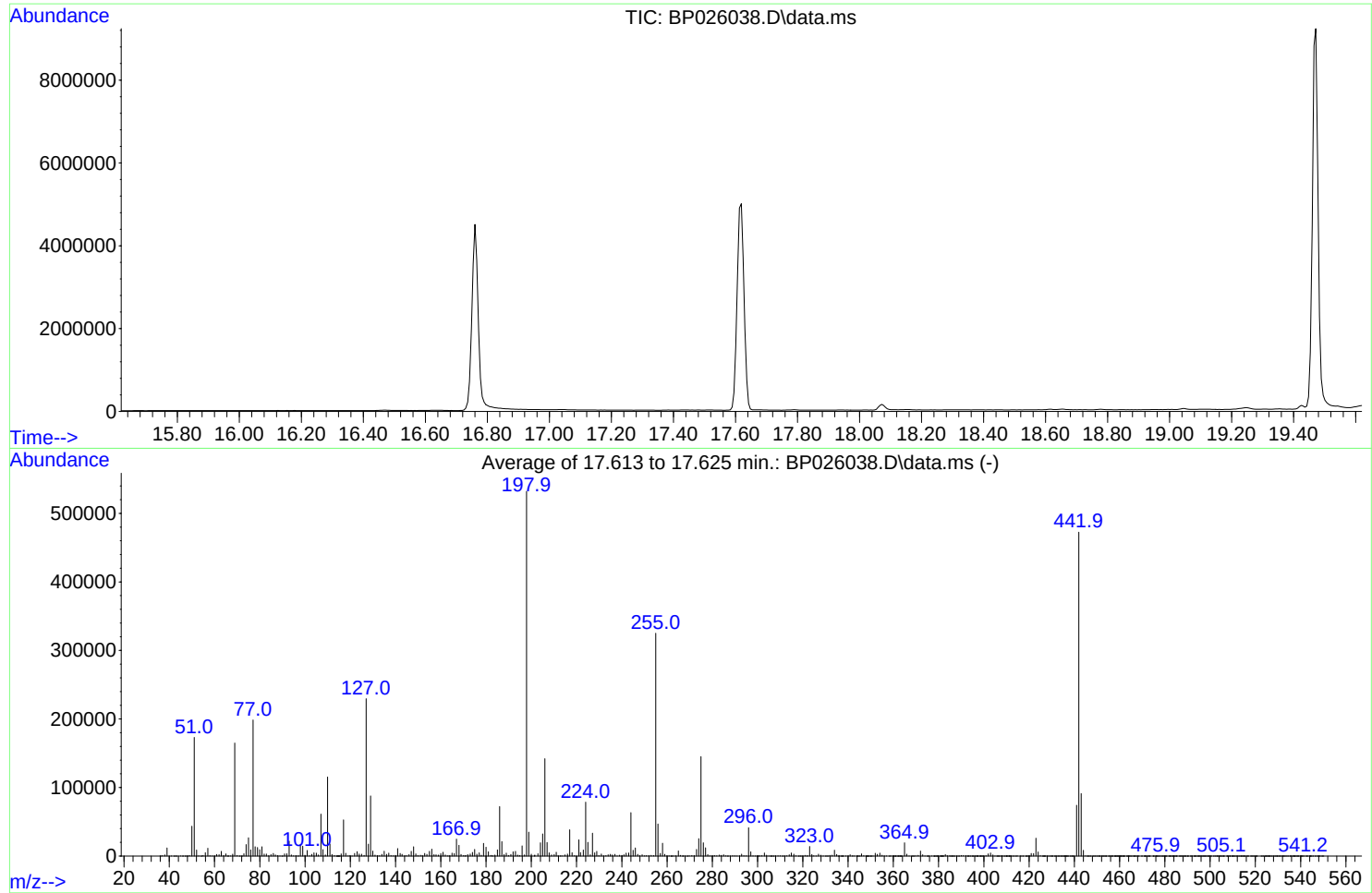
Date	Instrument Name	DFTPP Data File
10/29/2025	BNA_P	<u>BP026027.D</u>
Compound Name	Response	Retention Time
DDT	1446445	20.766
DDD	18274	20.301
DDE	1074	19.866
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19348	1465793	1.32

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026038.D
Acq On : 30 Oct 2025 10:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025



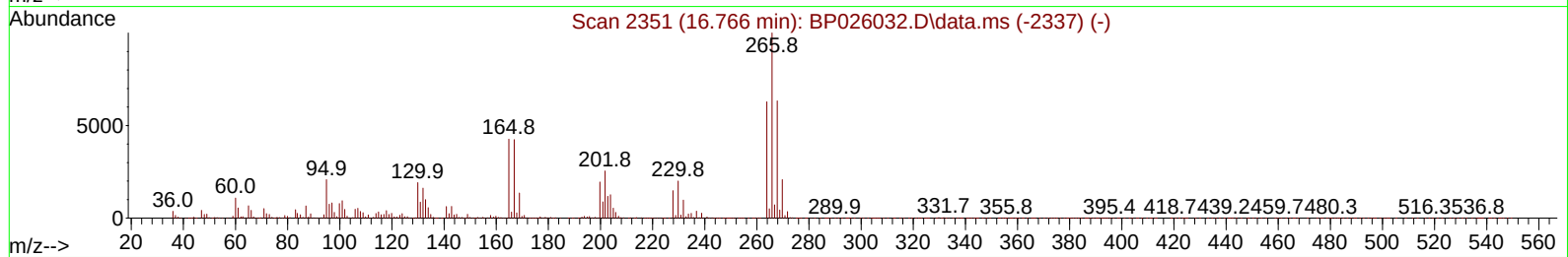
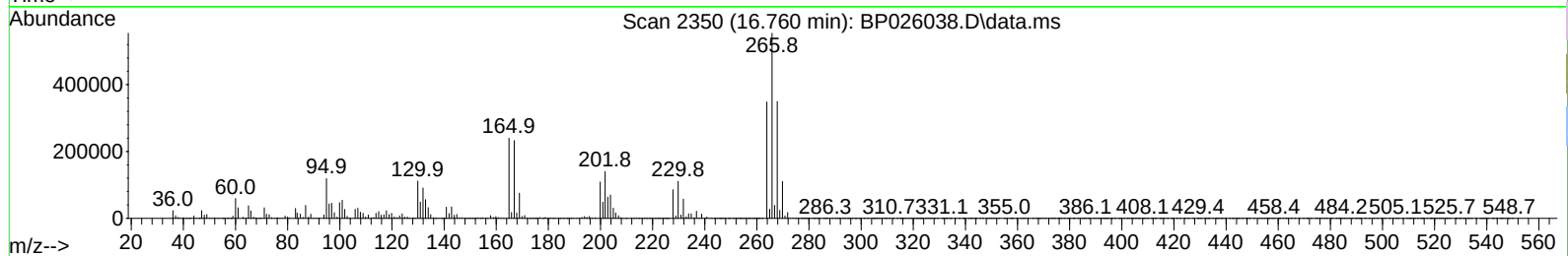
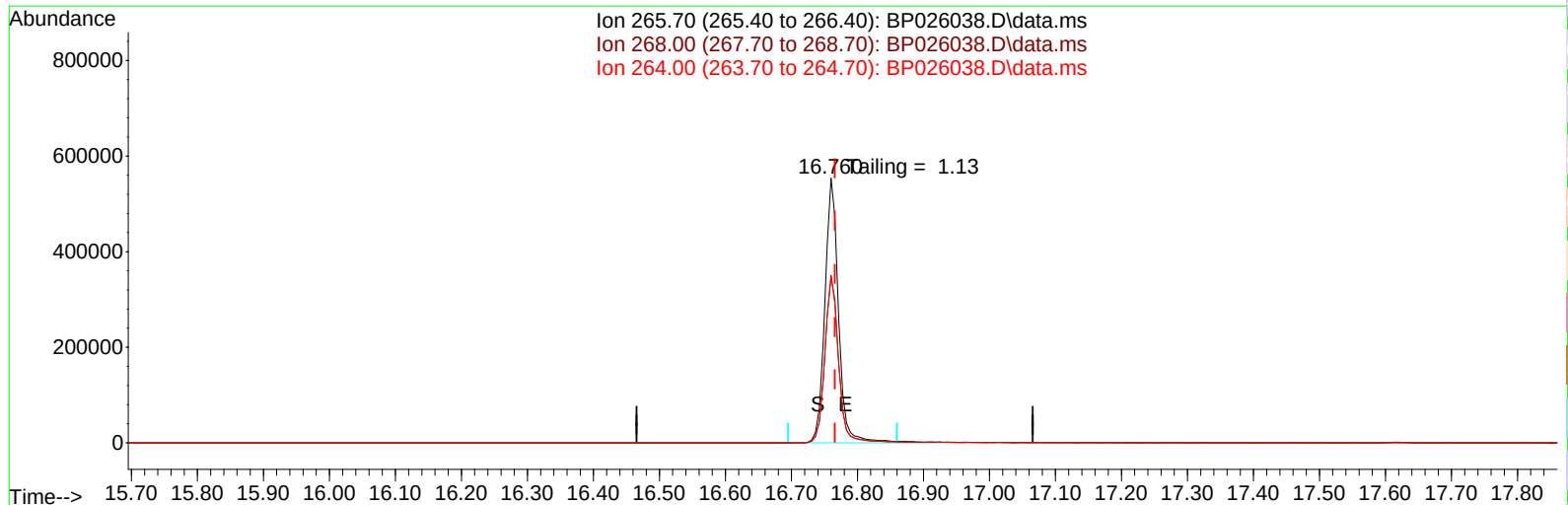
AutoFind: Scans 2495, 2496, 2497; Background Corrected with Scan 2486

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.7	2745	PASS
69	69	100	100	100.0	164910	PASS
70	69	0.00	2	0.6	912	PASS
197	198	0.00	2	0.3	1808	PASS
198	198	100	100	100.0	532011	PASS
199	198	5	9	6.6	34927	PASS
365	198	1	100	3.7	19451	PASS
441	443	0.01	150	81.2	74093	PASS
442	442	100	100	100.0	472508	PASS
443	442	15	24	19.3	91243	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026038.D
Acq On : 30 Oct 2025 10:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 30 12:40:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026038.D\data.ms

(70) Pentachlorophenol (C)

16.760min (-0.006) 1770436.21 ng m

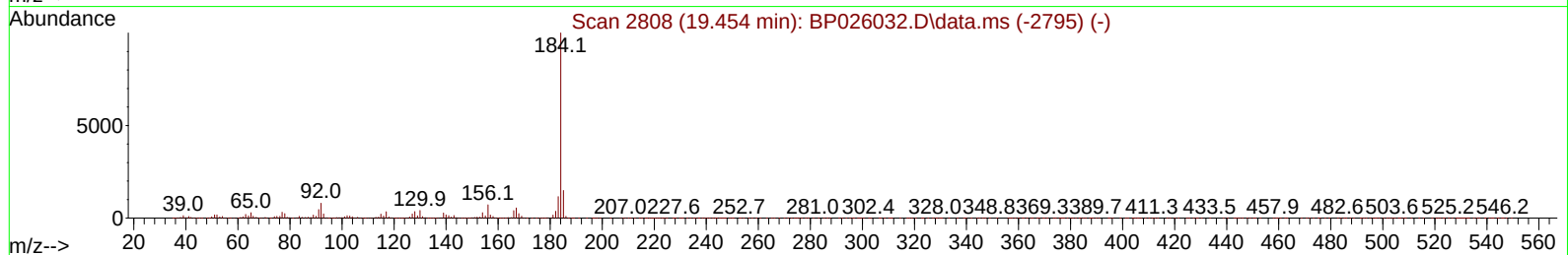
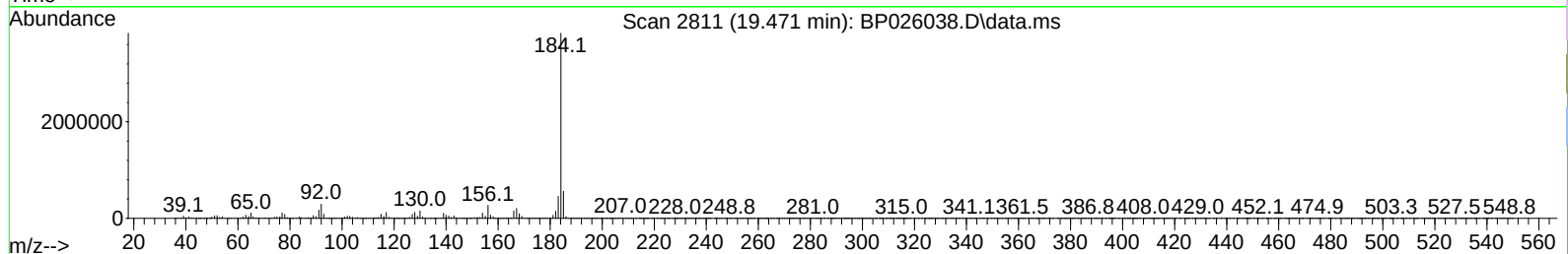
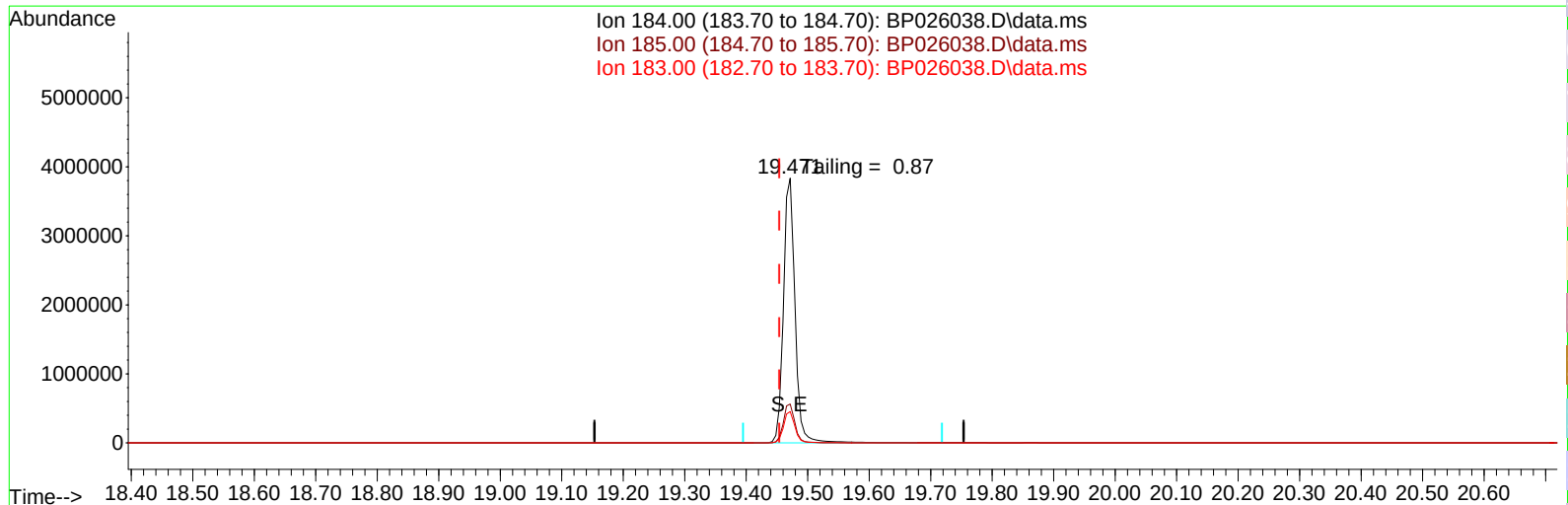
response 805688

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	63.18
264.00	62.80	62.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026038.D
Acq On : 30 Oct 2025 10:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 30 12:40:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026038.D\data.ms

(77) Benzidine

19.471min (+ 0.018) 5475.51 ng

response 5032842

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.67
183.00	11.50	11.80
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/30/2025	BNA_P	<u>BP026038.D</u>
Compound Name	Response	Retention Time
DDT	1702124	20.777
DDD	17819	20.307
DDE	2173	19.866
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19992	1722116	1.16

Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: PB170267BL
 Lab Sample ID: PB170267BL
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
 Prep Method : SW3510C Prep Date: 10/27/25

Date Collected:
 Date Received:
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	1.30	U	1	1.30	5.00	ug/L	10/28/25 13:47	PB170267
106-46-7	1,4-Dichlorobenzene	0.53	U	1	0.53	5.00	ug/L	10/28/25 13:47	PB170267
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	10/28/25 13:47	PB170267
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	10/28/25 13:47	PB170267
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/28/25 13:47	PB170267
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/28/25 13:47	PB170267
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/28/25 13:47	PB170267
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/28/25 13:47	PB170267
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	10/28/25 13:47	PB170267
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/28/25 13:47	PB170267
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/28/25 13:47	PB170267
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/28/25 13:47	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	100			23 - 138	67%	SPK: 150		
13127-88-3	Phenol-d6	105			10 - 134	70%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.0			67 - 132	68%	SPK: 100		
321-60-8	2-Fluorobiphenyl	65.5			52 - 132	66%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	122			44 - 137	81%	SPK: 150		
1718-51-0	Terphenyl-d14	86.8			42 - 152	87%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	74200							
1146-65-2	Naphthalene-d8	293000							
15067-26-2	Acenaphthene-d10	176000							
1517-22-2	Phenanthrene-d10	345000							
1719-03-5	Chrysene-d12	213000							
1520-96-3	Perylene-d12	182000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144098.D
Acq On : 28 Oct 2025 13:47
Operator : RC/JU
Sample : PB170267BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170267BL

Quant Time: Oct 28 14:28:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	74235	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	292746	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	176104	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	344710	20.000	ng	0.00
76) Chrysene-d12	14.051	240	212971	20.000	ng	0.00
86) Perylene-d12	15.533	264	182134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	469400	100.039	ng	0.01
7) Phenol-d6	6.504	99	545013	105.174	ng	0.00
23) Nitrobenzene-d5	7.439	82	363250	67.982	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	273621	121.977	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	819800	65.509	ng	0.00
79) Terphenyl-d14	12.998	244	1057072	86.772	ng	0.00

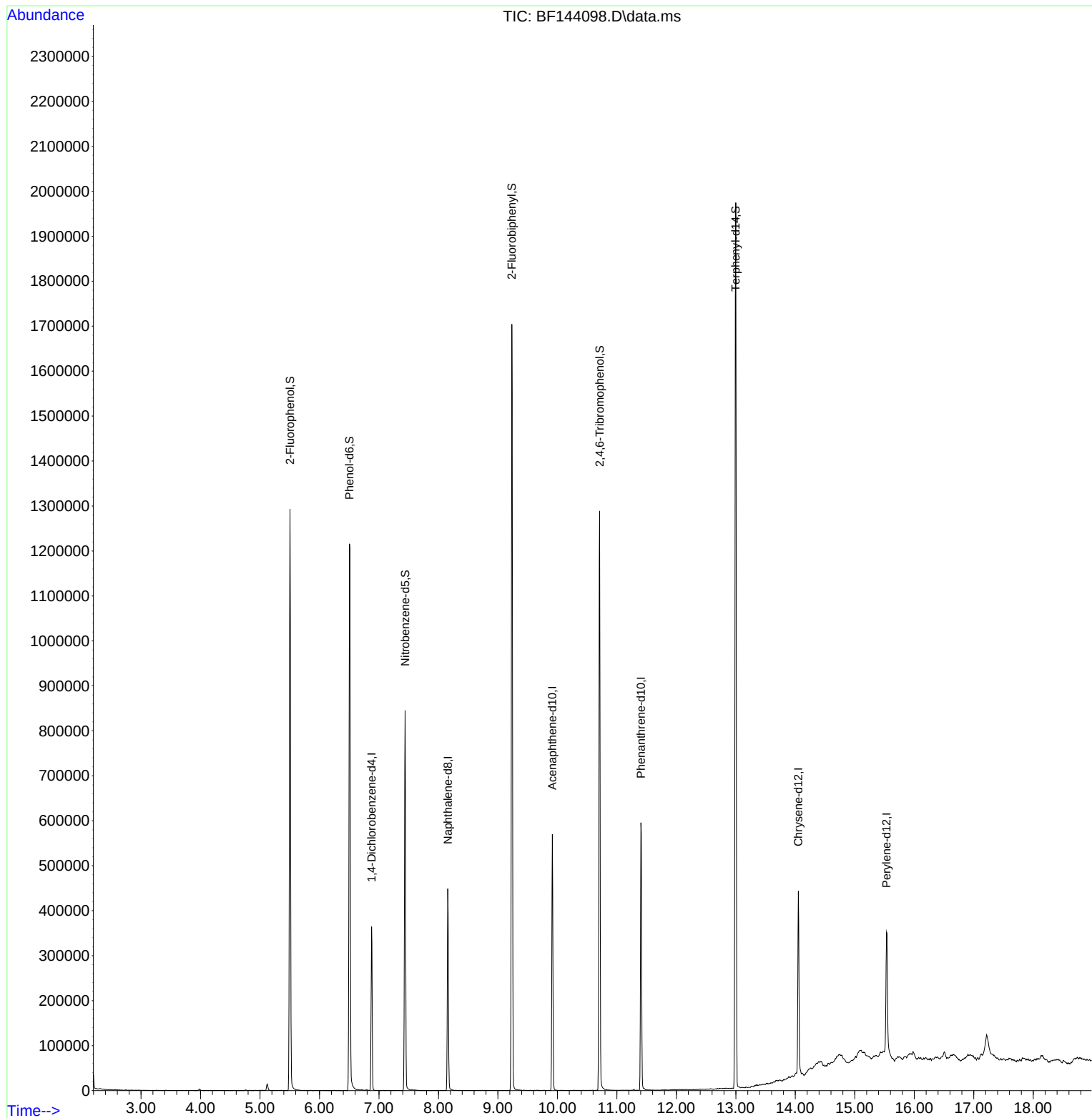
Target Compounds	Qvalue
------------------	--------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

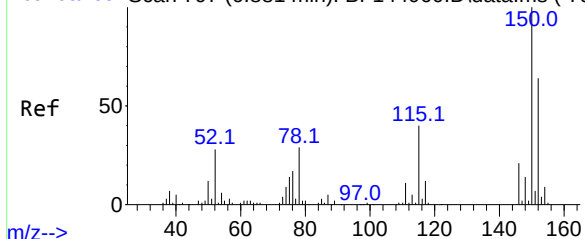
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144098.D
Acq On : 28 Oct 2025 13:47
Operator : RC/JU
Sample : PB170267BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170267BL

Quant Time: Oct 28 14:28:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



Abundance Scan 797 (6.881 min): BF144060.D\data.ms (-79

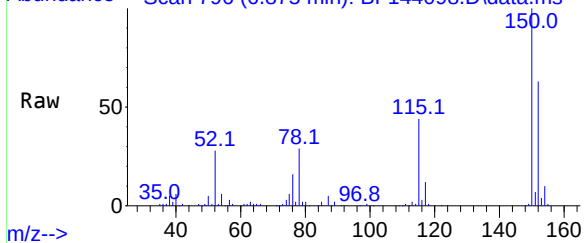


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144098.D
Acq: 28 Oct 2025 13:47

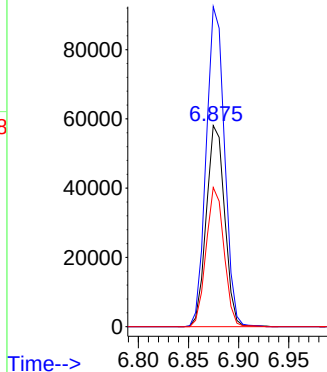
Instrument :
BNA_F
ClientSampleId :
PB170267BL

Tgt Ion:152 Resp: 74235
Ion Ratio Lower Upper
152 100
150 159.1 124.4 186.6
115 69.2 49.4 74.0

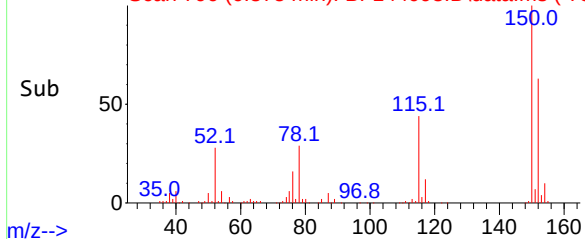
Abundance Scan 796 (6.875 min): BF144098.D\data.ms



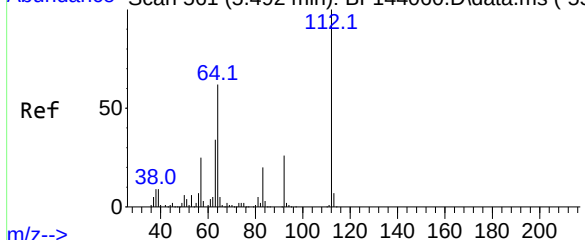
Abundance



Abundance Scan 796 (6.875 min): BF144098.D\data.ms (-78



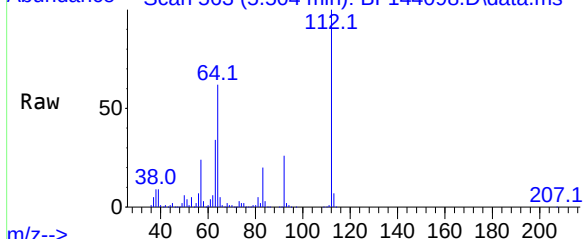
Abundance Scan 561 (5.492 min): BF144060.D\data.ms (-55



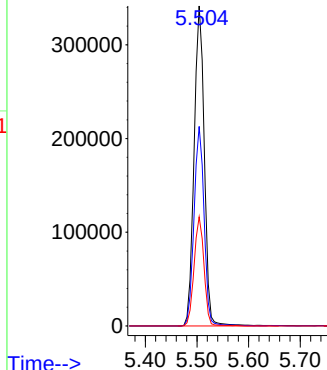
#5
2-Fluorophenol
Concen: 100.039 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144098.D
Acq: 28 Oct 2025 13:47

Tgt Ion:112 Resp: 469400
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 34.1 27.4 41.2

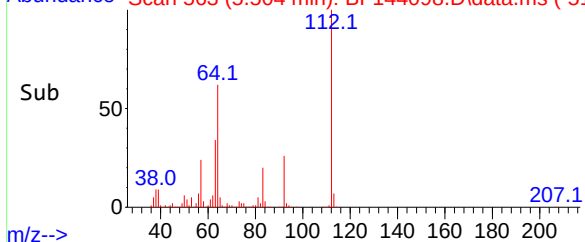
Abundance Scan 563 (5.504 min): BF144098.D\data.ms



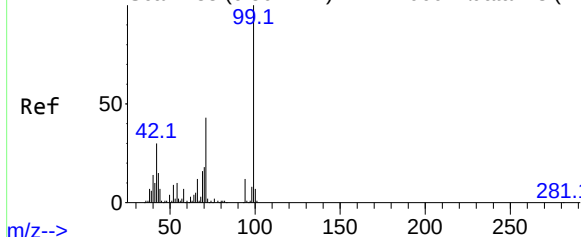
Abundance



Abundance Scan 563 (5.504 min): BF144098.D\data.ms (-51



Abundance Scan 733 (6.504 min): BF144060.D\data.ms (-72



#7

Phenol-d6

Concen: 105.174 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170267BL

Tgt Ion: 99 Resp: 545013

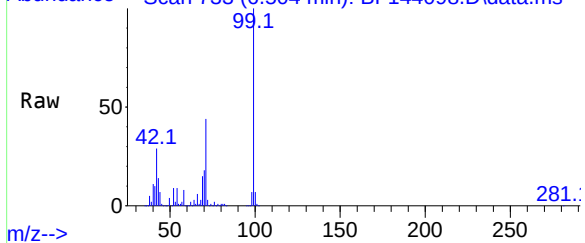
Ion Ratio Lower Upper

99 100

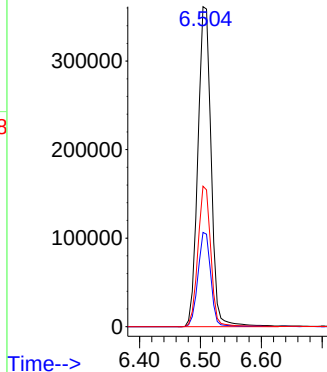
42 29.5 23.9 35.9

71 43.9 34.4 51.6

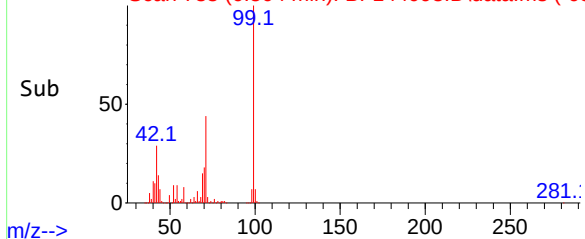
Abundance Scan 733 (6.504 min): BF144098.D\data.ms



Abundance

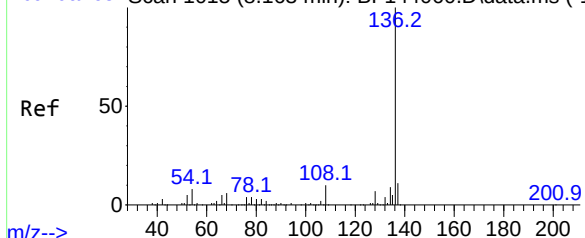


Abundance Scan 733 (6.504 min): BF144098.D\data.ms (-68



Time-->

Abundance Scan 1015 (8.163 min): BF144060.D\data.ms (-1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

Tgt Ion: 136 Resp: 292746

Ion Ratio Lower Upper

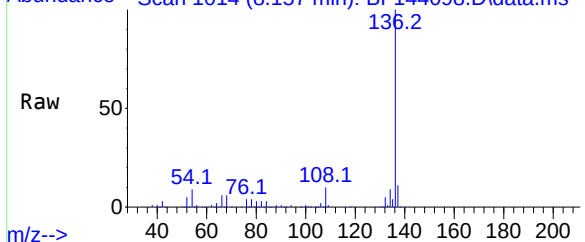
136 100

137 10.7 8.6 13.0

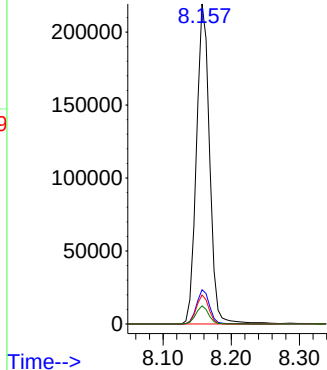
54 9.0 6.6 9.8

68 5.6 4.6 6.8

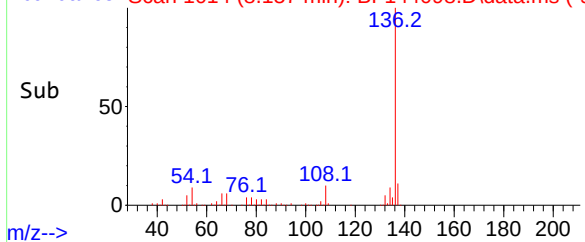
Abundance Scan 1014 (8.157 min): BF144098.D\data.ms



Abundance

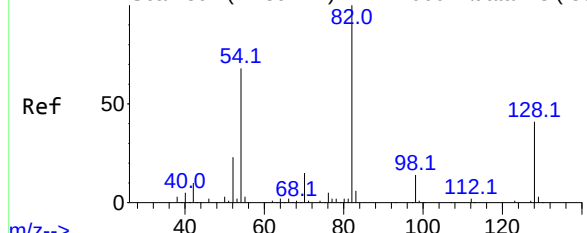


Abundance Scan 1014 (8.157 min): BF144098.D\data.ms (-9



Time-->

Abundance Scan 892 (7.439 min): BF144060.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 67.982 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170267BL

Tgt Ion: 82 Resp: 363250

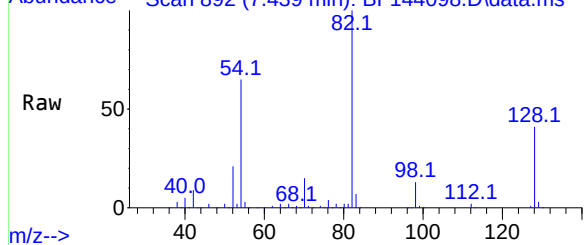
Ion Ratio Lower Upper

82 100

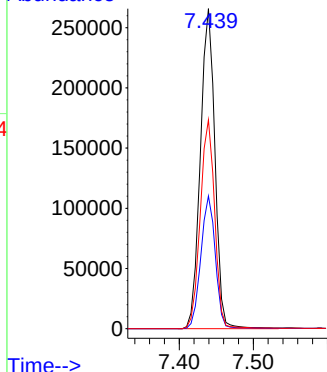
128 41.5 32.4 48.6

54 65.3 54.0 81.0

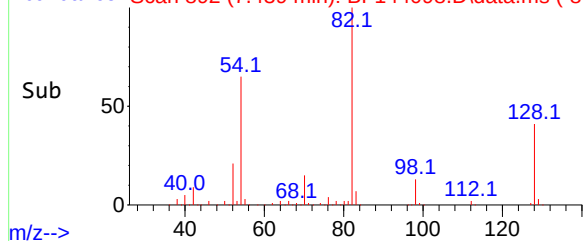
Abundance Scan 892 (7.439 min): BF144098.D\data.ms



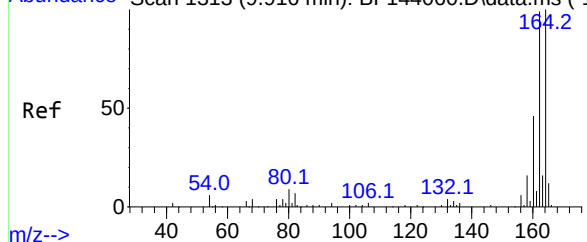
Abundance



Abundance Scan 892 (7.439 min): BF144098.D\data.ms (-84



Abundance Scan 1313 (9.916 min): BF144060.D\data.ms (-1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

Tgt Ion: 164 Resp: 176104

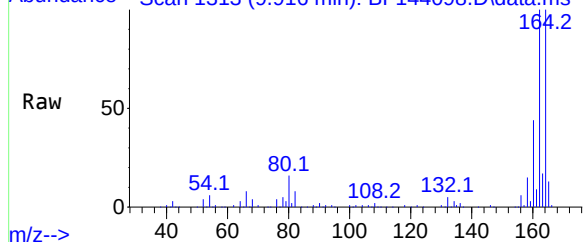
Ion Ratio Lower Upper

164 100

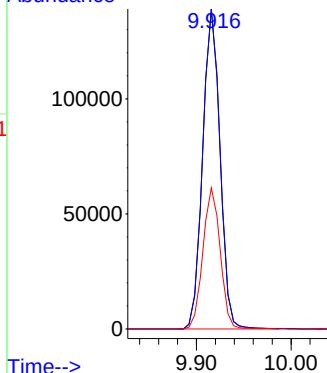
162 100.1 79.4 119.2

160 44.2 36.7 55.1

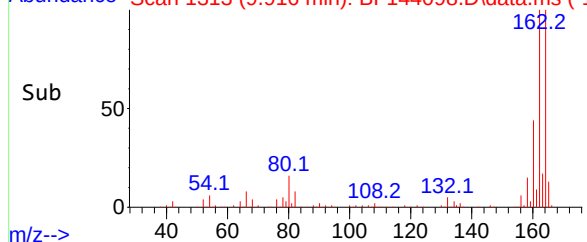
Abundance Scan 1313 (9.916 min): BF144098.D\data.ms

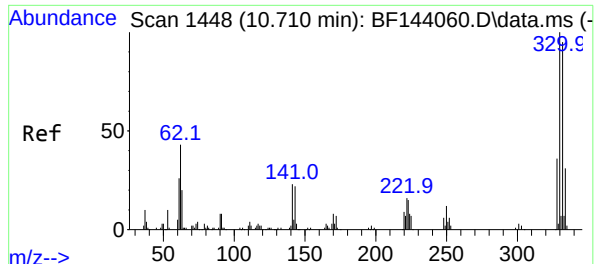


Abundance



Abundance Scan 1313 (9.916 min): BF144098.D\data.ms (-1





#42

2,4,6-Tribromophenol

Concen: 121.977 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170267BL

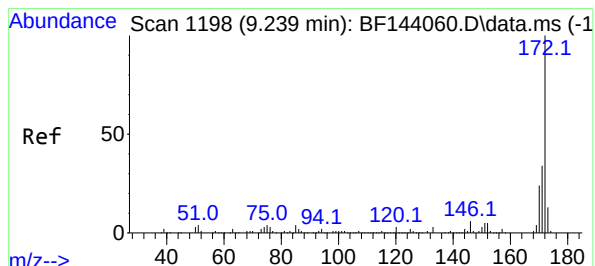
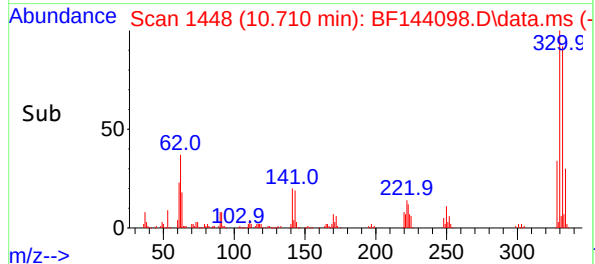
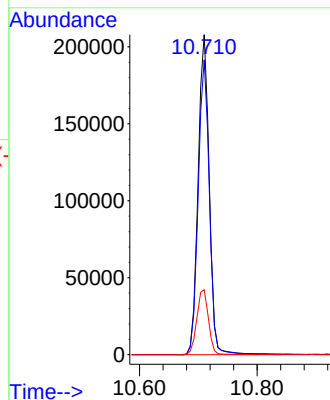
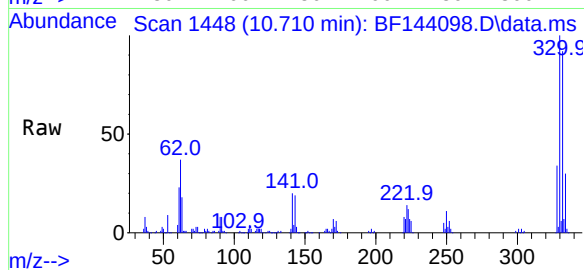
Tgt Ion:330 Resp: 273621

Ion Ratio Lower Upper

330 100

332 92.6 77.0 115.6

141 21.1 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 65.509 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

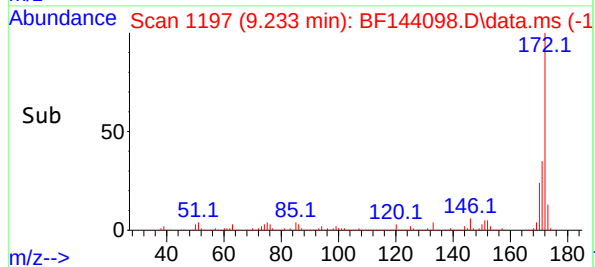
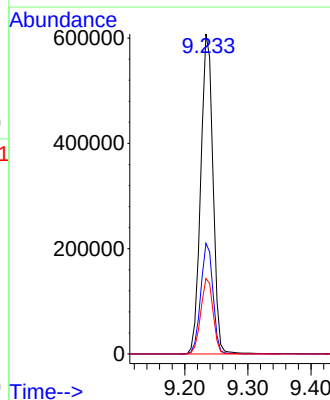
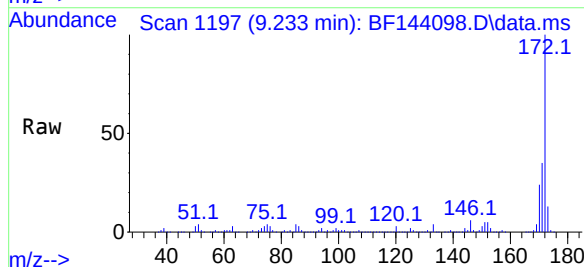
Tgt Ion:172 Resp: 819800

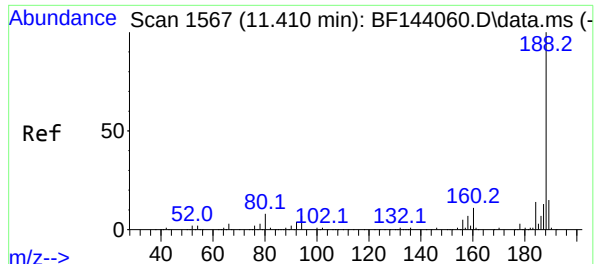
Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

170 23.6 19.0 28.6

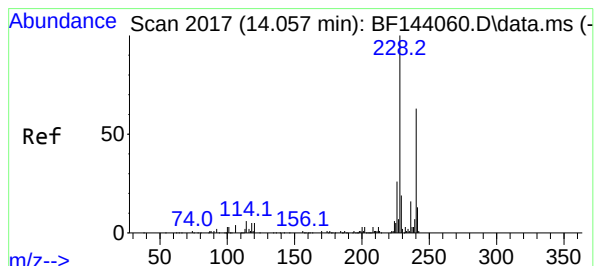
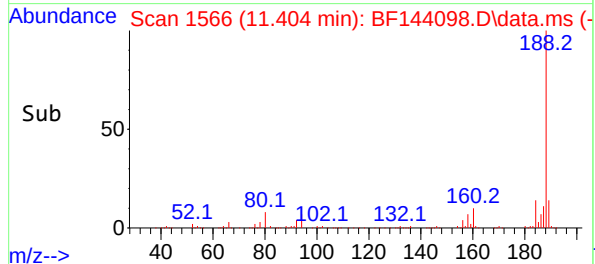
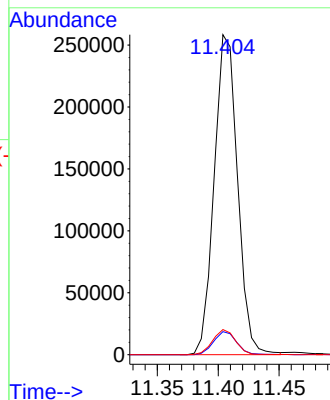
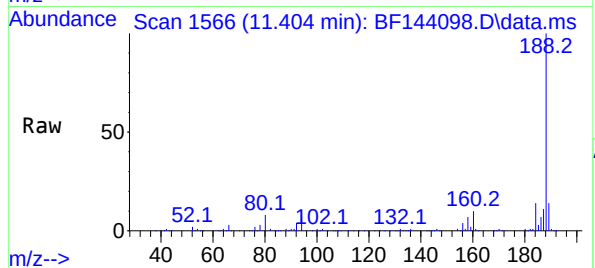




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144098.D
Acq: 28 Oct 2025 13:47

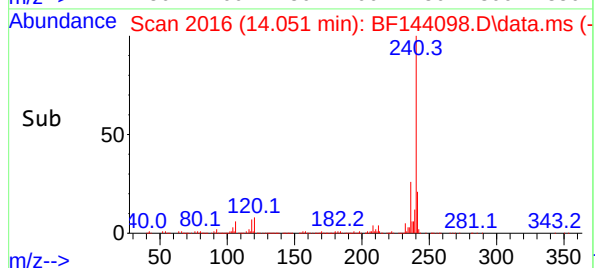
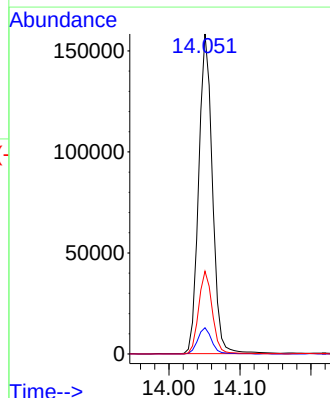
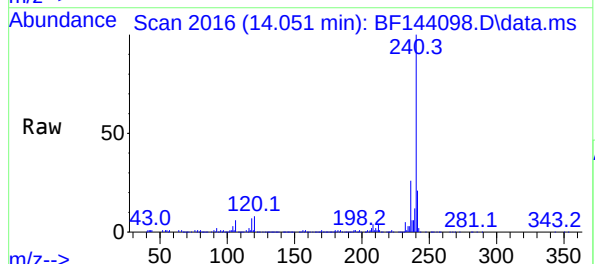
Instrument :
BNA_F
ClientSampleId :
PB170267BL

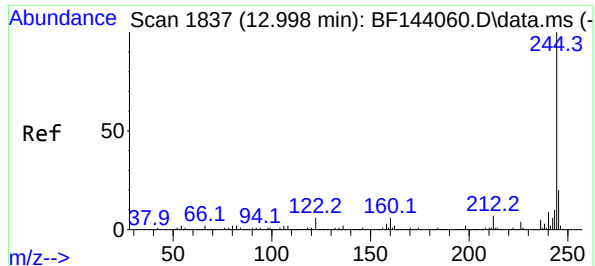
Tgt Ion:188 Resp: 344710
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 7.9 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144098.D
Acq: 28 Oct 2025 13:47

Tgt Ion:240 Resp: 212971
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.8 20.1 30.1





#79

Terphenyl-d14

Concen: 86.772 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170267BL

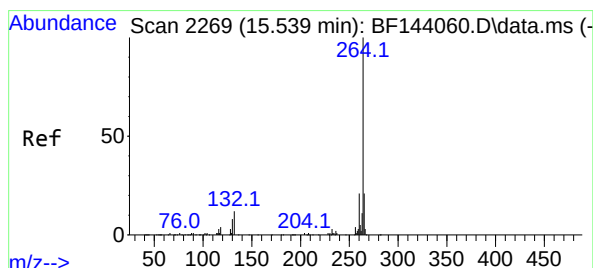
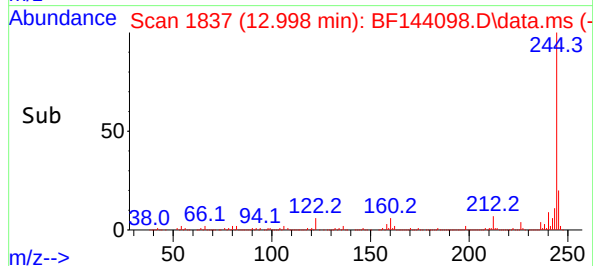
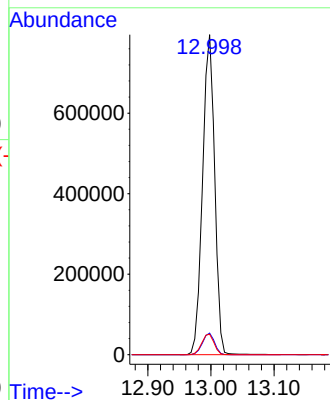
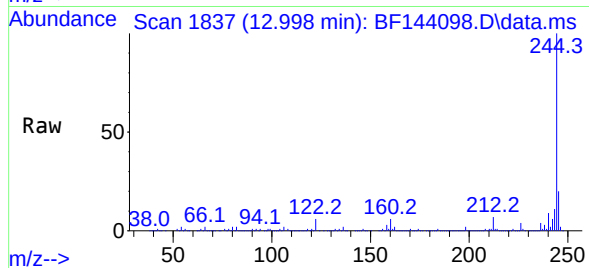
Tgt Ion:244 Resp: 1057072

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.4 4.9 7.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF144098.D

Acq: 28 Oct 2025 13:47

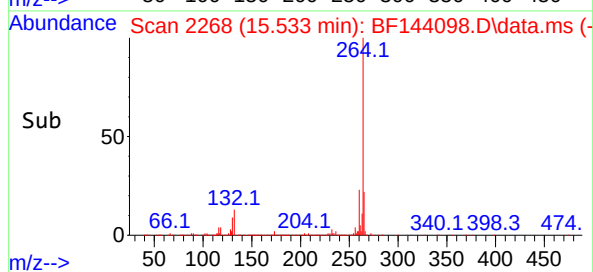
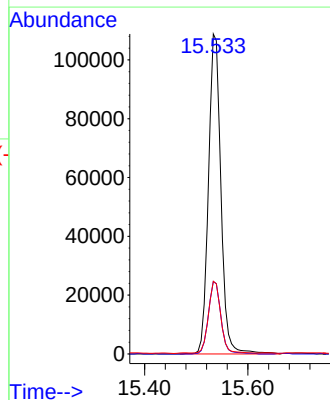
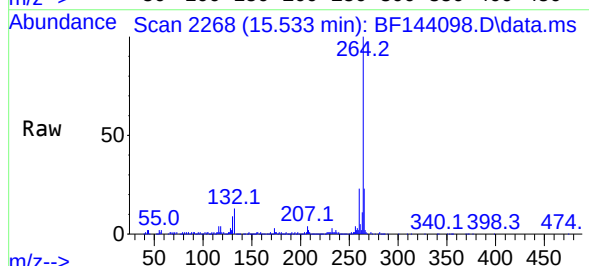
Tgt Ion:264 Resp: 182134

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.4

265 22.7 16.6 24.8



Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: PB170267BS
 Lab Sample ID: PB170267BS
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
 Prep Method: SW3510C Prep Date: 10/27/25

Date Collected:
 Date Received:
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	34.3		1	1.30	5.00	ug/L	10/28/25 14:16	PB170267
106-46-7	1,4-Dichlorobenzene	41.0		1	0.53	5.00	ug/L	10/28/25 14:16	PB170267
95-48-7	2-Methylphenol	44.1		1	1.10	5.00	ug/L	10/28/25 14:16	PB170267
65794-96-9	3+4-Methylphenols	42.5		1	1.10	10.0	ug/L	10/28/25 14:16	PB170267
67-72-1	Hexachloroethane	40.0		1	0.65	5.00	ug/L	10/28/25 14:16	PB170267
98-95-3	Nitrobenzene	40.8		1	0.76	5.00	ug/L	10/28/25 14:16	PB170267
87-68-3	Hexachlorobutadiene	39.7		1	0.54	5.00	ug/L	10/28/25 14:16	PB170267
88-06-2	2,4,6-Trichlorophenol	42.4		1	0.51	5.00	ug/L	10/28/25 14:16	PB170267
95-95-4	2,4,5-Trichlorophenol	43.5		1	0.62	5.00	ug/L	10/28/25 14:16	PB170267
121-14-2	2,4-Dinitrotoluene	50.0		1	1.20	5.00	ug/L	10/28/25 14:16	PB170267
118-74-1	Hexachlorobenzene	42.9		1	0.52	5.00	ug/L	10/28/25 14:16	PB170267
87-86-5	Pentachlorophenol	94.2	E	1	1.60	10.0	ug/L	10/28/25 14:16	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	106			23 - 138	71%	SPK: 150		
13127-88-3	Phenol-d6	111			10 - 134	74%	SPK: 150		
4165-60-0	Nitrobenzene-d5	76.2			67 - 132	76%	SPK: 100		
321-60-8	2-Fluorobiphenyl	72.9			52 - 132	73%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	131			44 - 137	88%	SPK: 150		
1718-51-0	Terphenyl-d14	107			42 - 152	107%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	82200							
1146-65-2	Naphthalene-d8	315000							
15067-26-2	Acenaphthene-d10	186000							
1517-22-2	Phenanthrene-d10	347000							
1719-03-5	Chrysene-d12	188000							
1520-96-3	Perylene-d12	212000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144099.D
 Acq On : 28 Oct 2025 14:16
 Operator : RC/JU
 Sample : PB170267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170267BS

Quant Time: Oct 28 16:09:35 2025

Quant Title :

QLast Update : Fri Oct 24 17:30:25 2025

Response via : Initial Calibration

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/29/2025

Supervised By :Jagrut Upadhyay 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	82245	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	315394	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	185793	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	347429	20.000	ng	0.00
76) Chrysene-d12	14.057	240	187996	20.000	ng	0.00
86) Perylene-d12	15.539	264	212306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	553208	106.418	ng	0.02
7) Phenol-d6	6.516	99	639059	111.312	ng	0.01
23) Nitrobenzene-d5	7.445	82	438470	76.167	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311085	131.446	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	962682	72.915	ng	0.00
79) Terphenyl-d14	12.998	244	1145319	106.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	72383	32.222	ng	97
3) Pyridine	3.498	79	206241	34.294	ng	98
4) n-Nitrosodimethylamine	3.446	42	147031	39.788	ng	97
6) Aniline	6.545	93	279986	34.089	ng	99
8) 2-Chlorophenol	6.663	128	208044	40.638	ng	98
9) Benzaldehyde	6.428	77	113474	25.457	ng	99
10) Phenol	6.528	94	275183	38.852	ng	88
11) bis(2-Chloroethyl)ether	6.616	93	214428	41.896	ng	97
12) 1,3-Dichlorobenzene	6.822	146	249087	39.443	ng	99
13) 1,4-Dichlorobenzene	6.898	146	255042	40.980	ng	98
14) 1,2-Dichlorobenzene	7.045	146	248274	41.229	ng	100
15) Benzyl Alcohol	7.022	79	211812	45.373	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	400224	41.607	ng	94
17) 2-Methylphenol	7.134	107	173635	44.099	ng	97
18) Hexachloroethane	7.392	117	88920	39.963	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	166760	44.918	ng	95
20) 3+4-Methylphenols	7.286	107	197810	42.497	ng	# 84
22) Acetophenone	7.292	105	316501	46.435	ng	96
24) Nitrobenzene	7.463	77	248557	40.816	ng	100
25) Isophorone	7.704	82	449516	44.663	ng	99
26) 2-Nitrophenol	7.775	139	125980	43.486	ng	99
27) 2,4-Dimethylphenol	7.816	122	203646	47.303	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	268793	42.825	ng	97
29) 2,4-Dichlorophenol	8.022	162	209860	41.917	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	220886	42.886	ng	98
31) Naphthalene	8.186	128	595729	40.020	ng	99
32) Benzoic acid	7.951	122	170016	62.259	ng	# 83
33) 4-Chloroaniline	8.233	127	137403	26.515	ng	97
34) Hexachlorobutadiene	8.298	225	167090	39.674	ng	98
35) Caprolactam	8.610	113	66819m	53.222	ng	
36) 4-Chloro-3-methylphenol	8.716	107	207200	46.898	ng	94
37) 2-Methylnaphthalene	8.875	142	384568	39.184	ng	97
38) 1-Methylnaphthalene	8.975	142	386706	41.589	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	265538	41.586	ng	99
41) Hexachlorocyclopentadiene	9.028	237	264995	134.365	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	176011	42.408	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	189414	43.485	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144099.D
 Acq On : 28 Oct 2025 14:16
 Operator : RC/JU
 Sample : PB170267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170267BS

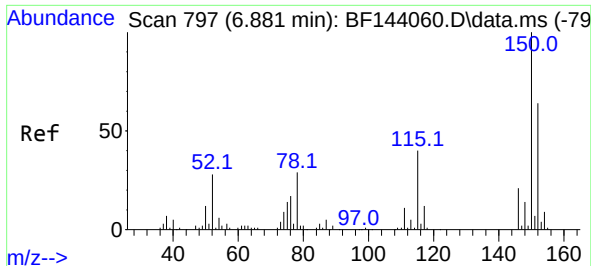
Quant Time: Oct 28 16:09:35 2025
 Quant Title :
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/29/2025
 Supervised By :Jagrut Upadhyay 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	583723	43.889	ng	99
47) 2-Chloronaphthalene	9.369	162	435377	39.074	ng	98
48) 2-Nitroaniline	9.463	65	143358	43.328	ng	97
49) Acenaphthylene	9.780	152	697184	46.405	ng	100
50) Dimethylphthalate	9.645	163	558313	45.845	ng	100
51) 2,6-Dinitrotoluene	9.704	165	119243	49.529	ng	97
52) Acenaphthene	9.957	154	395278	39.395	ng	98
53) 3-Nitroaniline	9.875	138	90865	33.946	ng	97
54) 2,4-Dinitrophenol	9.986	184	143249	110.009	ng	99
55) Dibenzofuran	10.127	168	584774	41.981	ng	98
56) 4-Nitrophenol	10.045	139	169400	93.457	ng	97
57) 2,4-Dinitrotoluene	10.116	165	162345	49.963	ng #	93
58) Fluorene	10.475	166	456168	42.980	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.245	232	151091m	49.223	ng	
60) Diethylphthalate	10.345	149	525544	45.888	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	260833	43.700	ng	97
62) 4-Nitroaniline	10.498	138	119406	47.080	ng	97
63) Azobenzene	10.622	77	491191	45.313	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	102655	46.053	ng	97
66) n-Nitrosodiphenylamine	10.580	169	460065	41.445	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	182630	41.984	ng	99
68) Hexachlorobenzene	11.022	284	228963	42.918	ng	96
69) Atrazine	11.110	200	168047	46.134	ng	98
70) Pentachlorophenol	11.216	266	239310	94.237	ng	97
71) Phenanthrene	11.439	178	712433	41.280	ng	99
72) Anthracene	11.486	178	733246	41.128	ng	99
73) Carbazole	11.645	167	632457	41.677	ng	98
74) Di-n-butylphthalate	11.969	149	808755	43.469	ng	100
75) Fluoranthene	12.627	202	782938	41.061	ng	100
77) Benzidine	12.745	184	245602	41.978	ng	97
78) Pyrene	12.857	202	765832	56.663	ng	100
80) Butylbenzylphthalate	13.468	149	256551	50.175	ng	99
81) Benzo(a)anthracene	14.045	228	571832	45.009	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	151207	34.190	ng	99
83) Chrysene	14.080	228	512766	43.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	298825	42.809	ng	99
85) Di-n-octyl phthalate	14.639	149	452875	37.726	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	663296	45.506	ng	100
88) Benzo(b)fluoranthene	15.104	252	512853	42.729	ng	99
89) Benzo(k)fluoranthene	15.133	252	506870	45.772	ng	98
90) Benzo(a)pyrene	15.474	252	499311	46.371	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	529734	45.912	ng	100
92) Benzo(g,h,i)perylene	17.503	276	547573	47.204	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



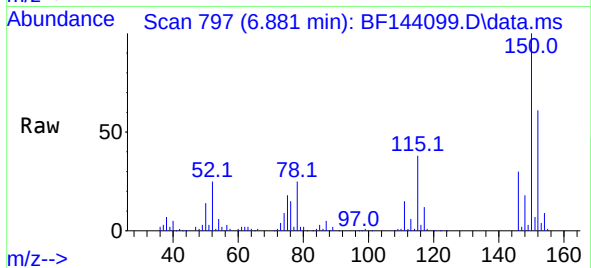
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

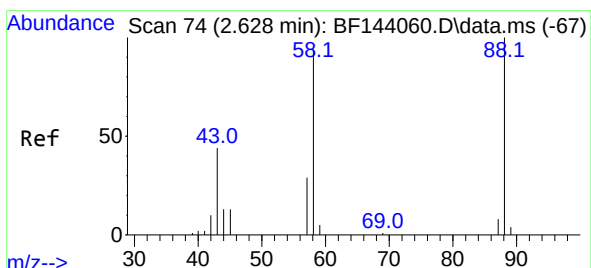
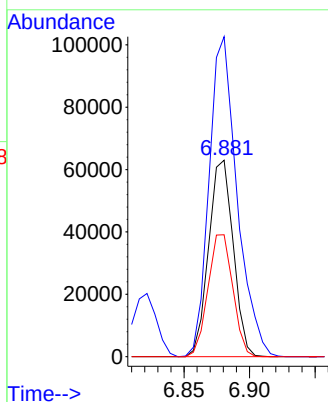
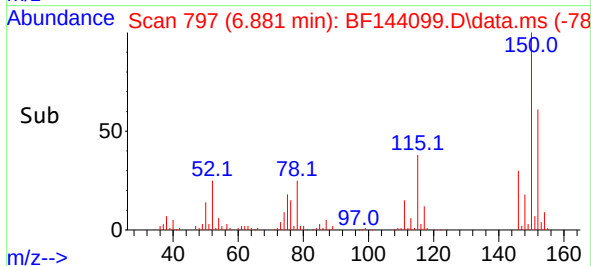
PB170267BS



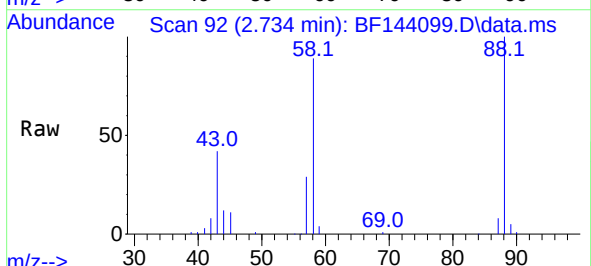
Tgt Ion:152 Resp: 8224
Ion Ratio Lower Upper
152 100
150 162.9 124.4 186.6
115 62.1 49.4 74.0

Manual Integrations
APPROVED

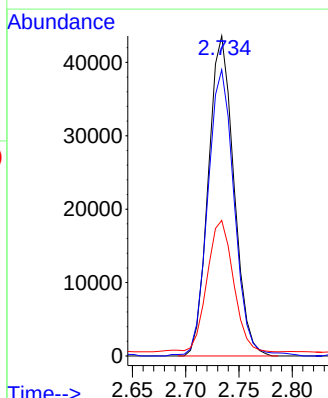
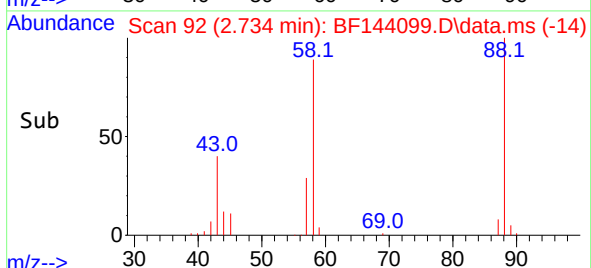
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

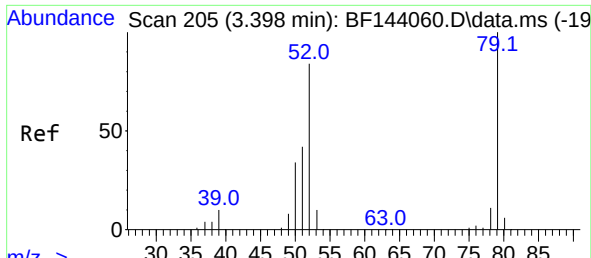


#2
1,4-Dioxane
Concen: 32.222 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.106 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion: 88 Resp: 72383
Ion Ratio Lower Upper
88 100
58 93.0 76.5 114.7
43 42.6 35.3 52.9





#3

Pyridine

Concen: 34.294 ng

RT: 3.498 min Scan# 213

Delta R.T. 0.099 min

Lab File: BF144099.D

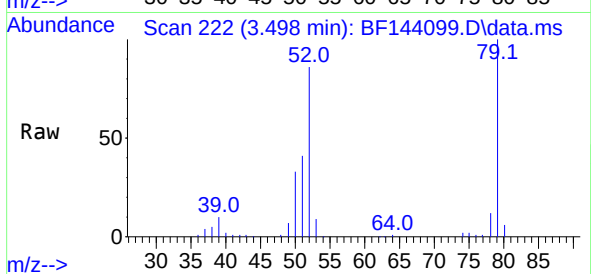
Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

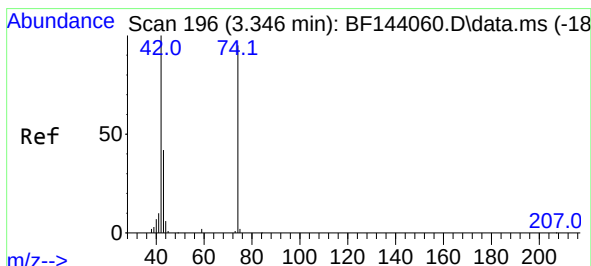
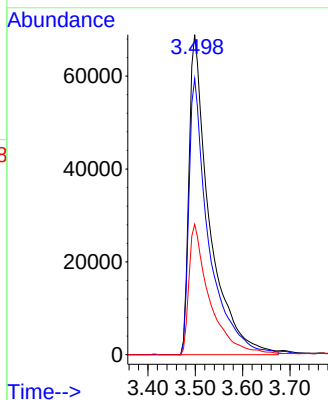
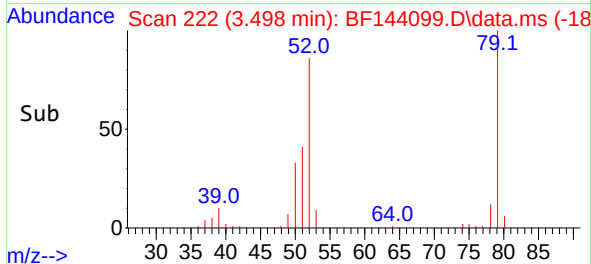


Tgt Ion:	79	Resp:	20624
Ion	Ratio	Lower	Upper
79	100		
52	86.3	67.5	101.3
51	40.7	33.6	50.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/29/2025

Supervised By :Jagrut Upadhyay 10/29/2025



#4

n-Nitrosodimethylamine

Concen: 39.788 ng

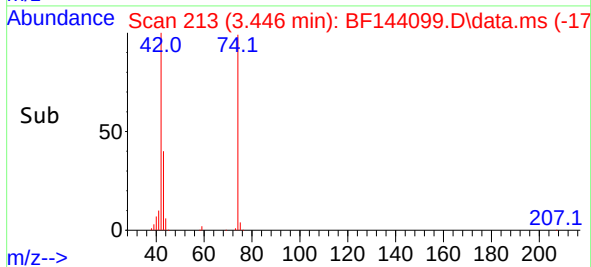
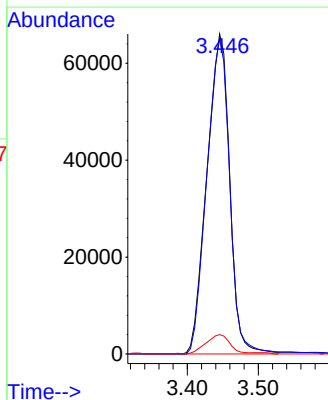
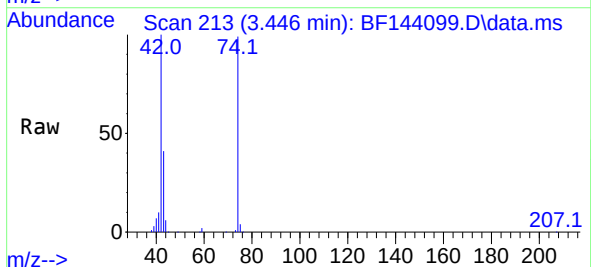
RT: 3.446 min Scan# 213

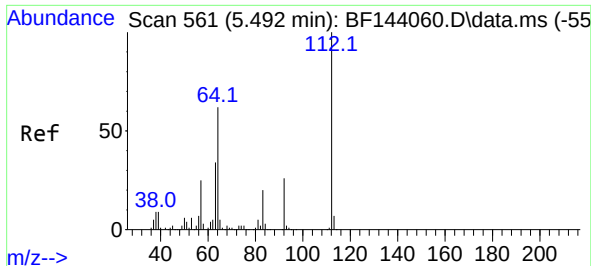
Delta R.T. 0.100 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

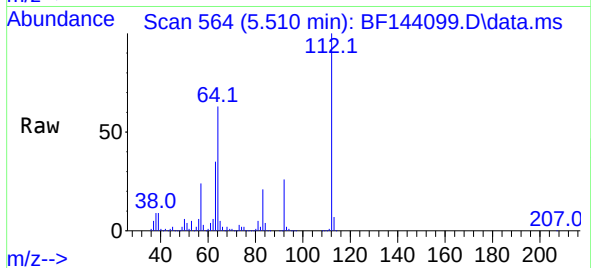
Tgt Ion:	42	Resp:	147031
Ion	Ratio	Lower	Upper
42	100		
74	98.6	76.4	114.6
44	6.0	5.2	7.8





#5
2-Fluorophenol
Concen: 106.418 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

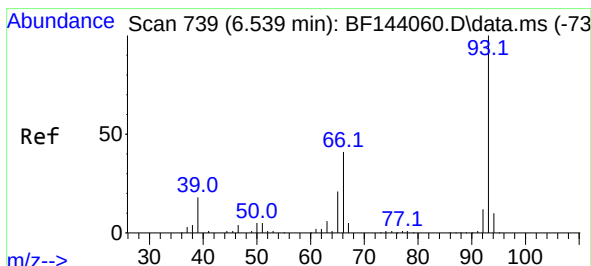
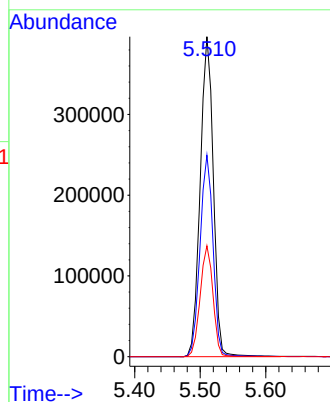
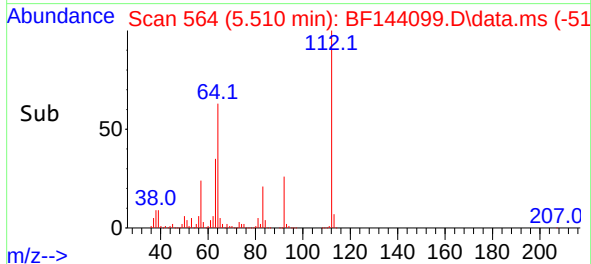
Instrument :
BNA_F
ClientSampleId :
PB170267BS



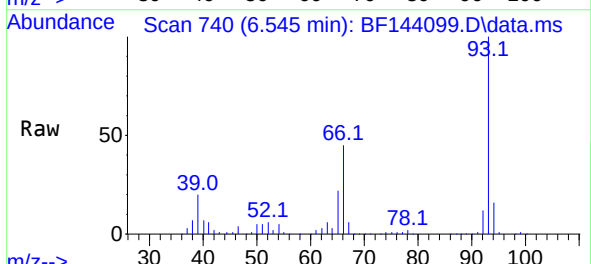
Tgt Ion:112 Resp: 553208
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 34.7 27.4 41.2

Manual Integrations
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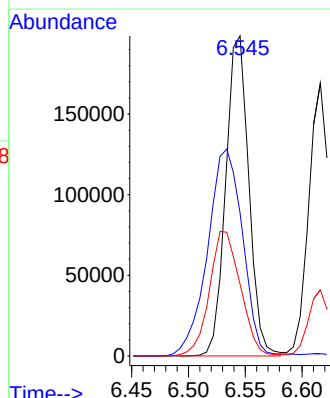
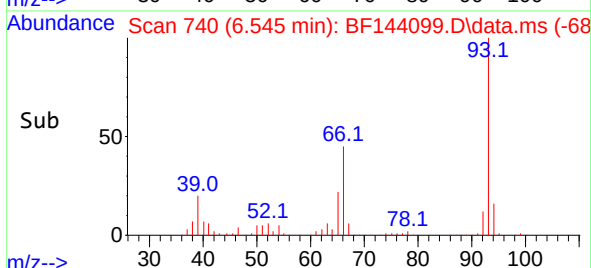
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

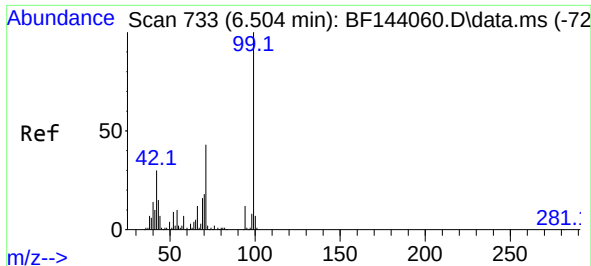


#6
Aniline
Concen: 34.089 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion: 93 Resp: 279986
Ion Ratio Lower Upper
93 100
66 44.7 35.7 53.5
65 22.5 17.0 25.6





#7

Phenol-d6

Concen: 111.312 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

Tgt Ion: 99 Resp: 639059

Ion Ratio Lower Upper

99 100

42 30.2 23.9 35.9

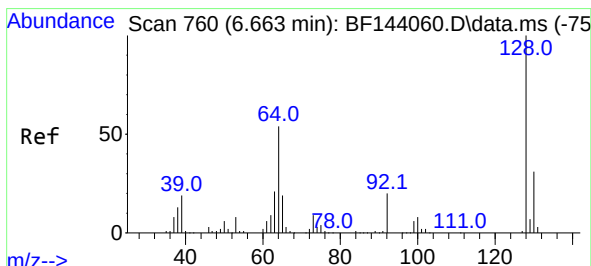
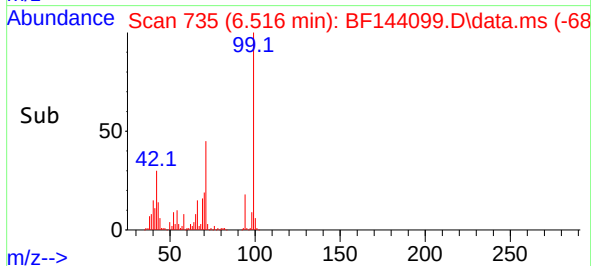
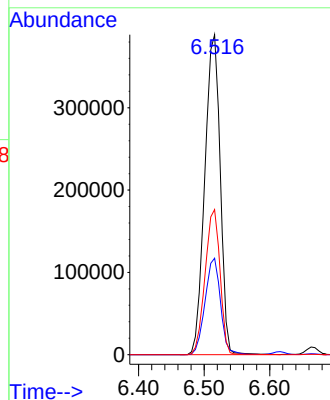
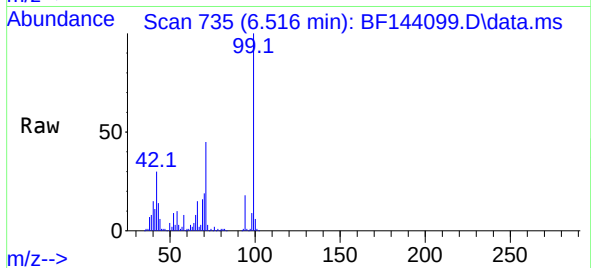
71 45.4 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/29/2025

Supervised By :Jagrut Upadhyay 10/29/2025



#8

2-Chlorophenol

Concen: 40.638 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

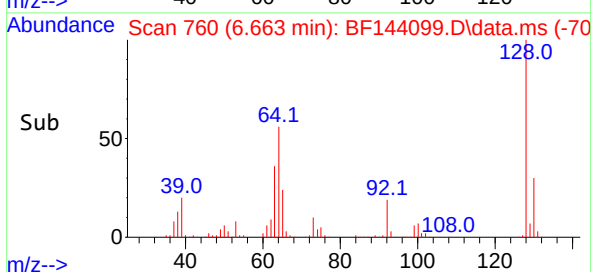
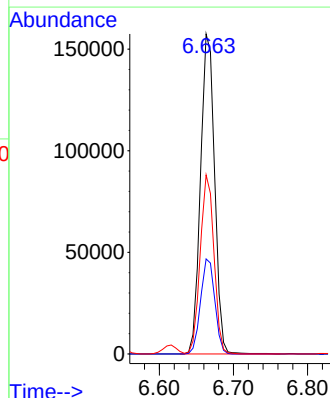
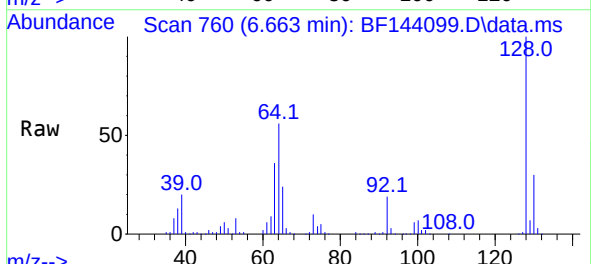
Tgt Ion:128 Resp: 208044

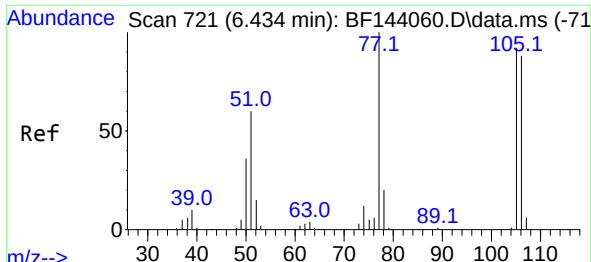
Ion Ratio Lower Upper

128 100

130 29.7 10.7 50.7

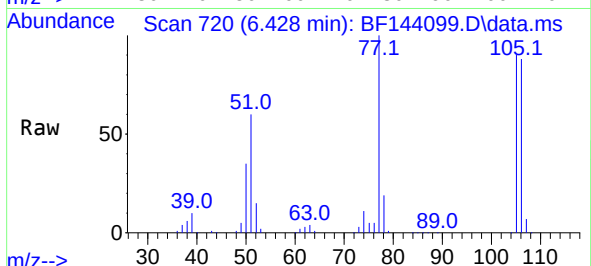
64 56.0 34.7 74.7





#9
Benzaldehyde
Concen: 25.457 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

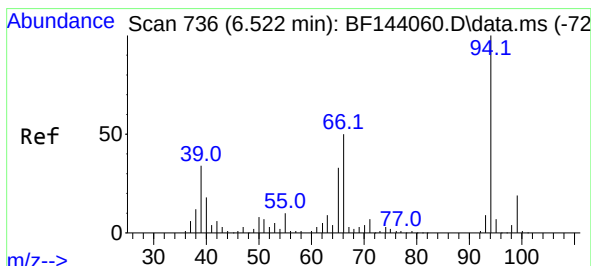
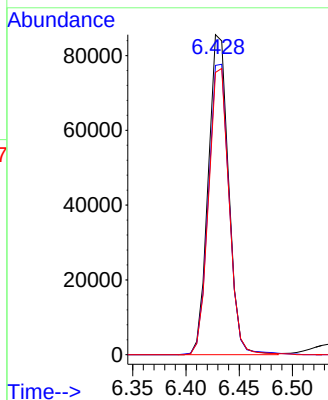
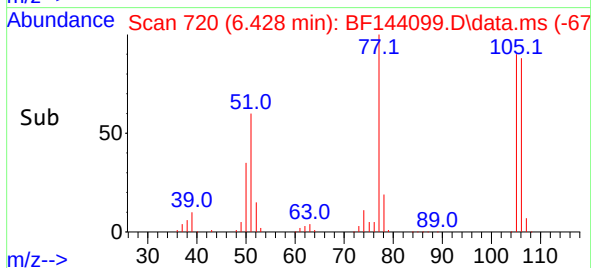
Instrument :
BNA_F
ClientSampleId :
PB170267BS



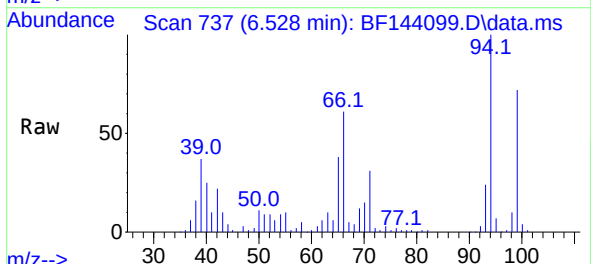
Tgt Ion: 77 Resp: 113474
Ion Ratio Lower Upper
77 100
105 90.4 72.2 112.2
106 88.2 67.9 107.9

Manual Integrations
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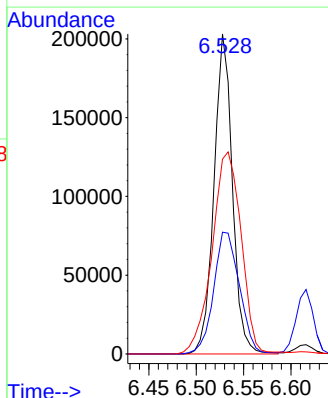
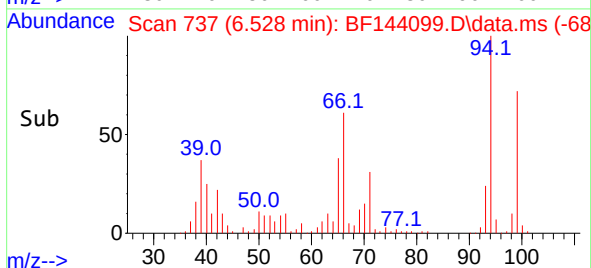
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

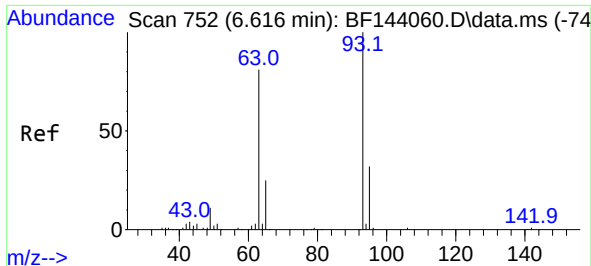


#10
Phenol
Concen: 38.852 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion: 94 Resp: 275183
Ion Ratio Lower Upper
94 100
65 38.0 13.1 53.1
66 60.9 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 41.896 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

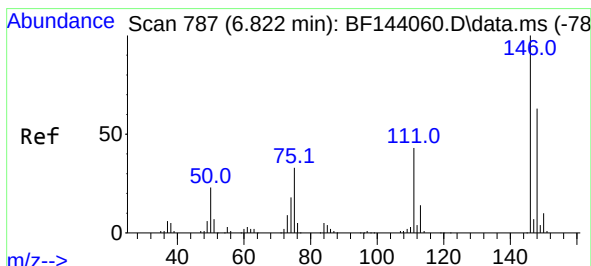
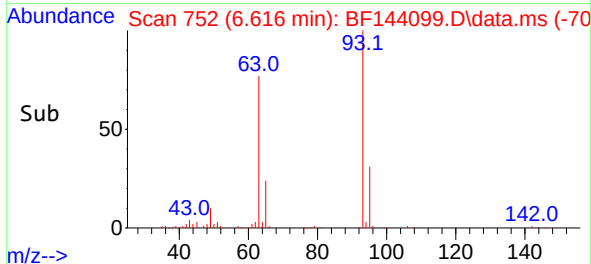
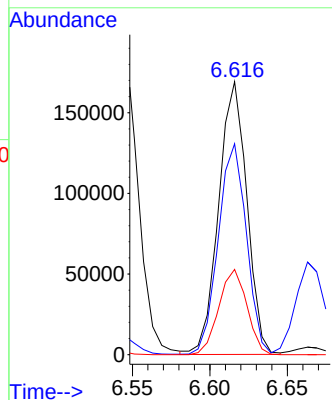
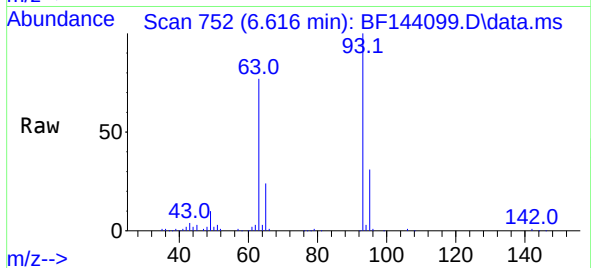
ClientSampleId :

PB170267BS

Tgt Ion: 93 Resp: 214428
Ion Ratio Lower Upper
93 100
63 77.2 60.2 100.2
95 31.2 12.4 52.4

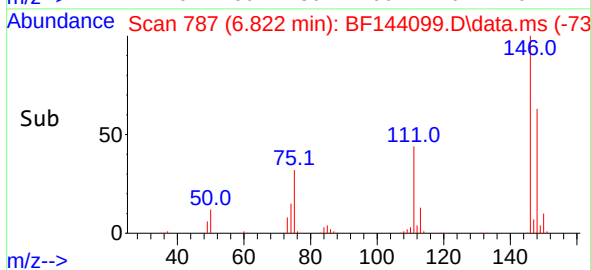
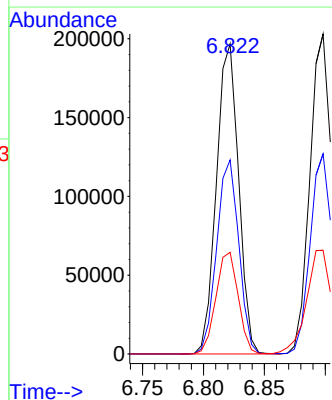
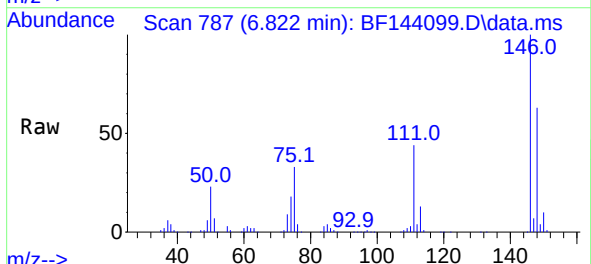
Manual Integrations
APPROVED

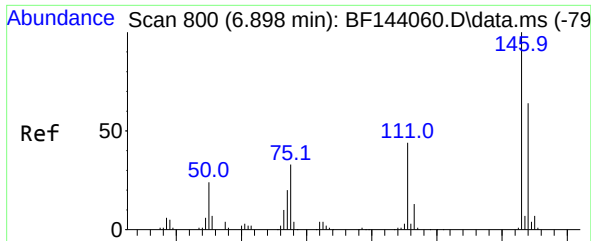
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#12
1,3-Dichlorobenzene
Concen: 39.443 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

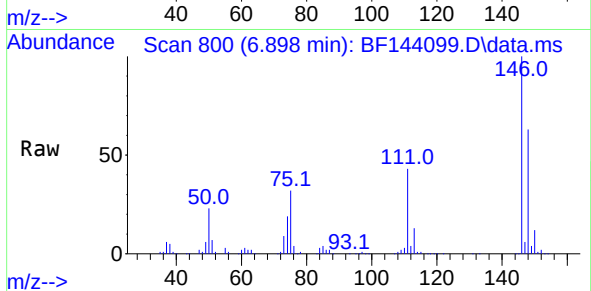
Tgt Ion:146 Resp: 249087
Ion Ratio Lower Upper
146 100
148 62.6 50.6 75.8
75 32.8 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 40.980 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

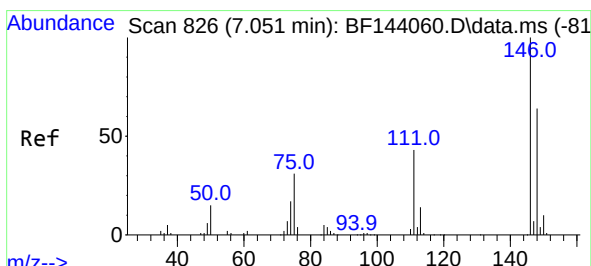
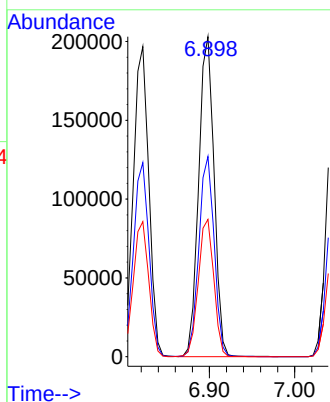
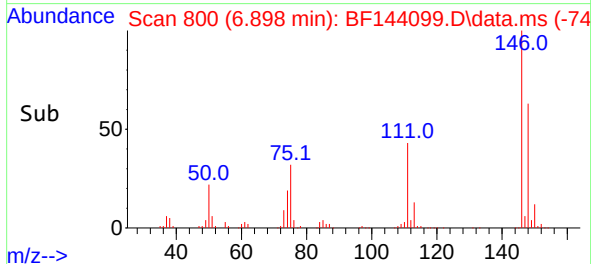
Instrument :
BNA_F
ClientSampleId :
PB170267BS



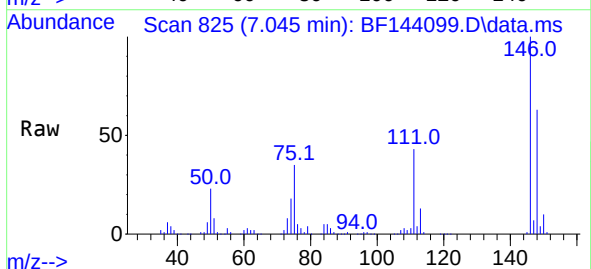
Tgt Ion:146 Resp: 25504
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 42.9 35.0 52.6

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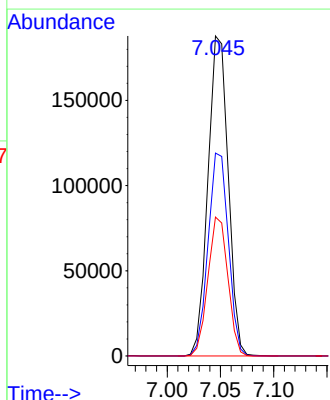
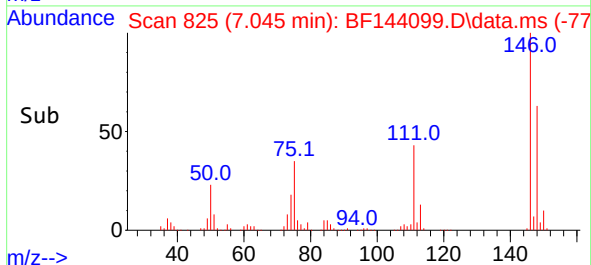
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

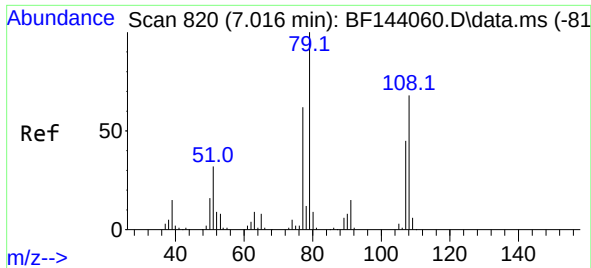


#14
1,2-Dichlorobenzene
Concen: 41.229 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



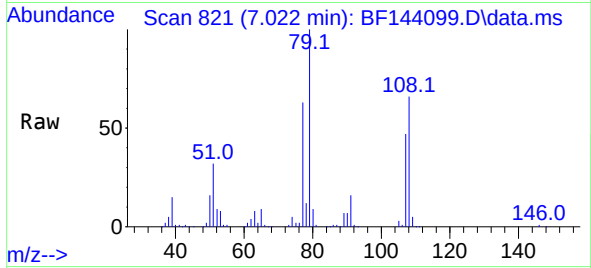
Tgt Ion:146 Resp: 248274
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
111 43.4 34.7 52.1





#15
Benzyl Alcohol
Concen: 45.373 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

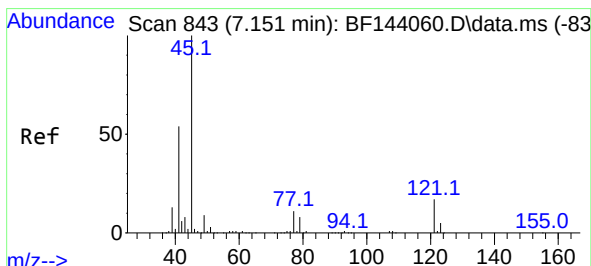
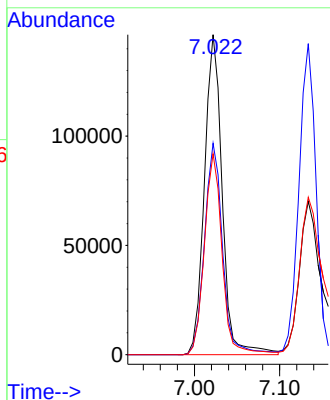
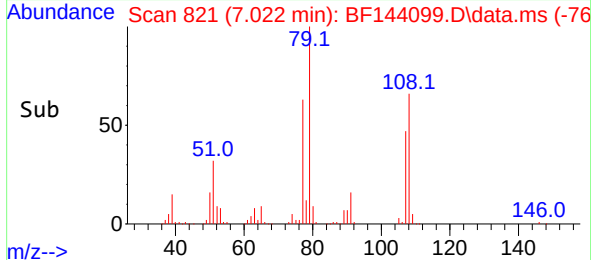
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion: 79 Resp: 21181
Ion Ratio Lower Upper
79 100
108 66.0 54.8 82.2
77 62.8 49.4 74.0

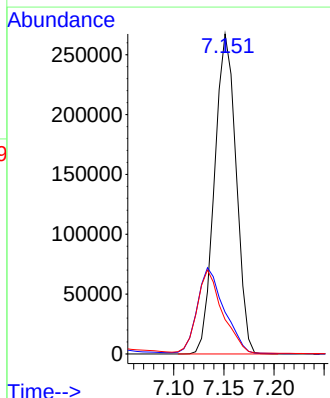
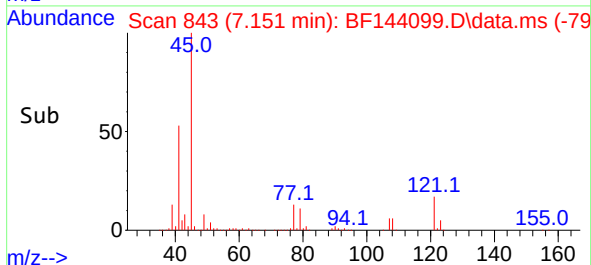
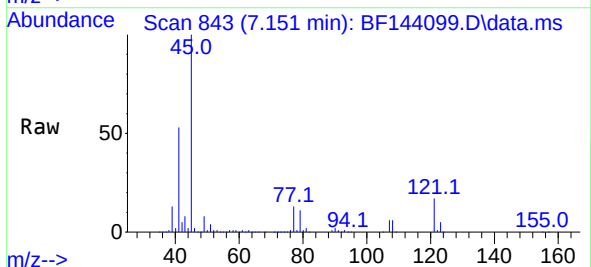
Manual Integrations
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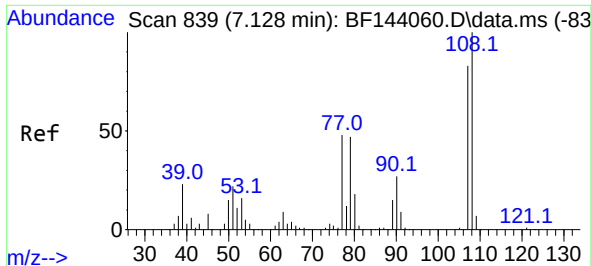
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.607 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 45 Resp: 400224
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.9
79 10.7 0.0 28.2





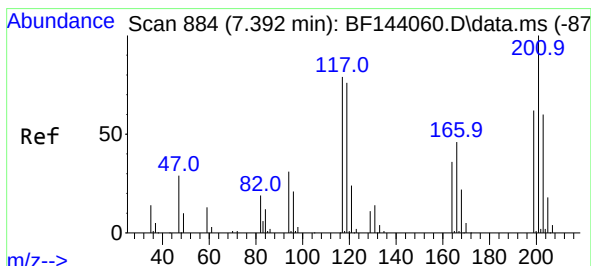
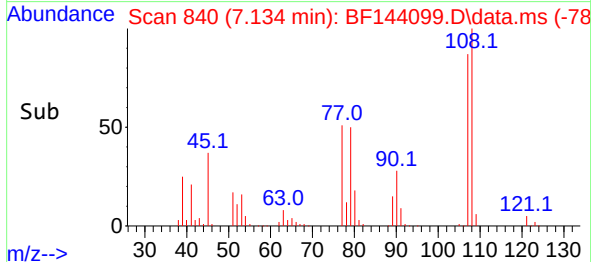
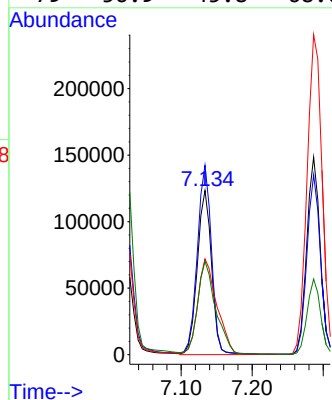
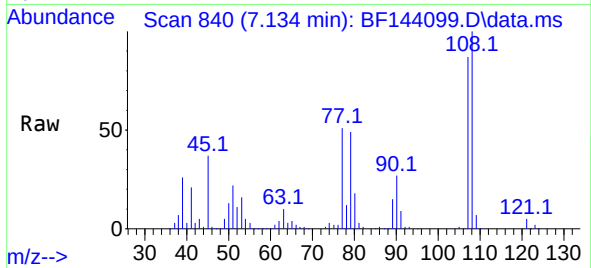
#17
2-Methylphenol
Concen: 44.099 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:107 Resp: 17363
Ion Ratio Lower Upper
107 100
108 115.4 96.4 144.6
77 58.4 46.8 70.2
79 56.9 45.8 68.6

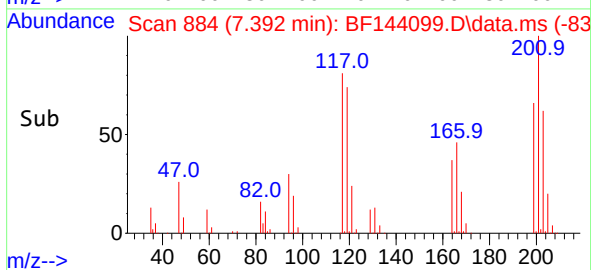
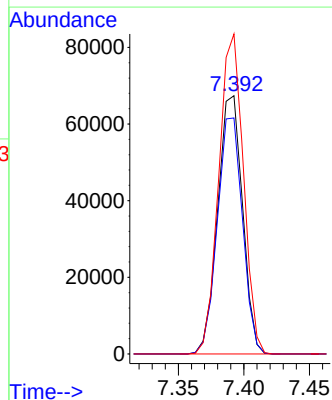
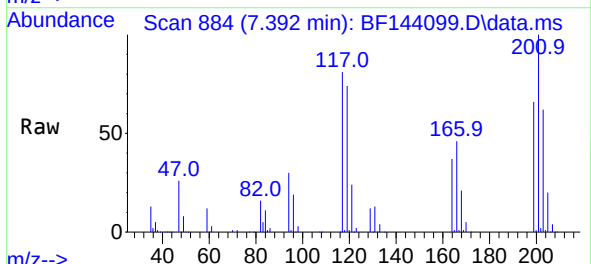
Manual Integrations
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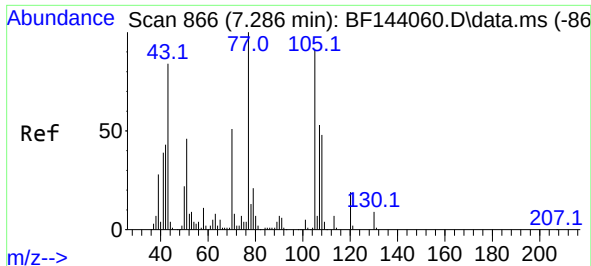
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#18
Hexachloroethane
Concen: 39.963 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

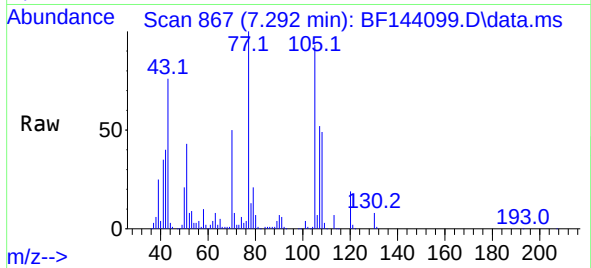
Tgt Ion:117 Resp: 88920
Ion Ratio Lower Upper
117 100
119 91.3 76.6 115.0
201 123.9 100.9 151.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.918 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

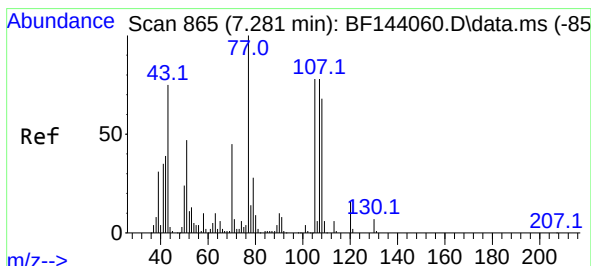
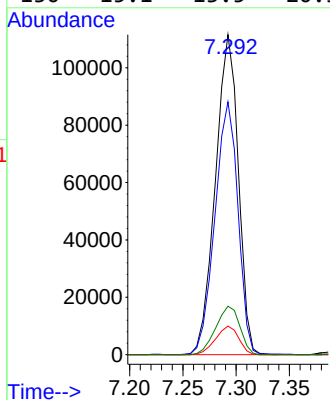
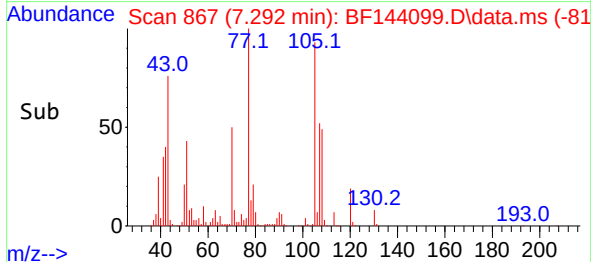
Instrument :
BNA_F
ClientSampleId :
PB170267BS



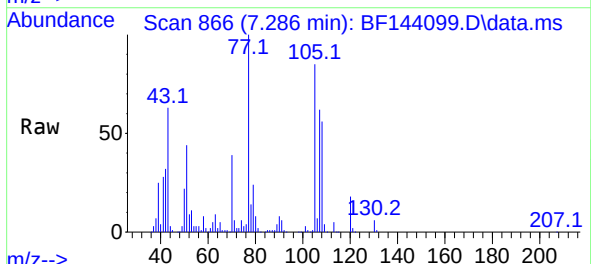
Tgt Ion: 70 Resp: 166760
Ion Ratio Lower Upper
70 100
42 79.0 67.4 101.0
101 8.9 7.1 10.7
130 15.1 13.5 20.3

Manual Integrations
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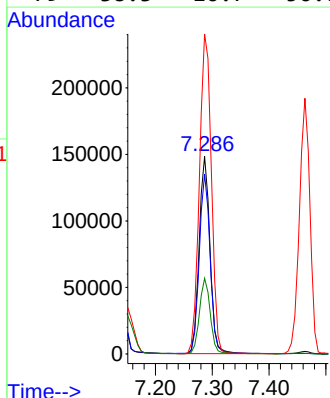
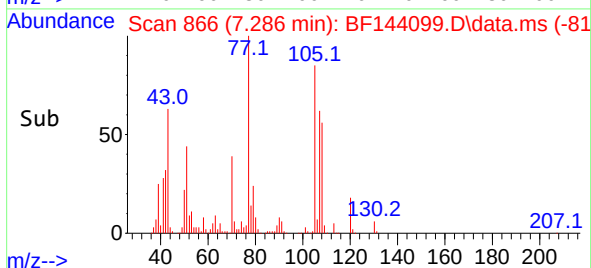
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

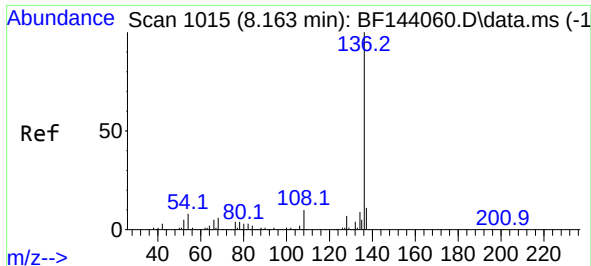


#20
3+4-Methylphenols
Concen: 42.497 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



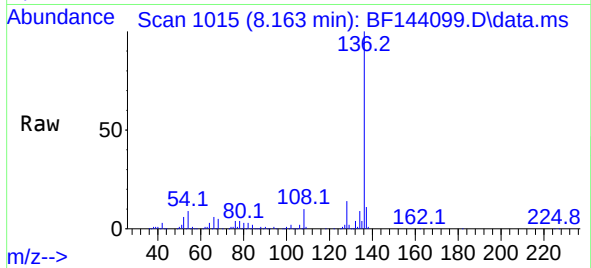
Tgt Ion:107 Resp: 197810
Ion Ratio Lower Upper
107 100
108 91.0 68.0 108.0
77 161.9 108.7 148.7#
79 38.3 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

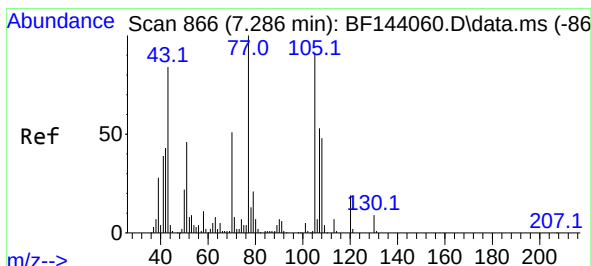
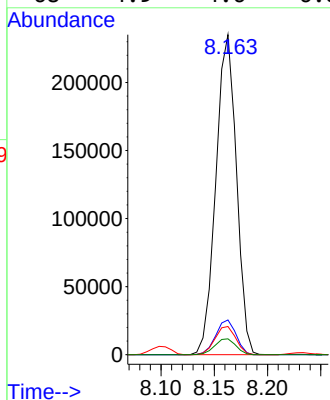
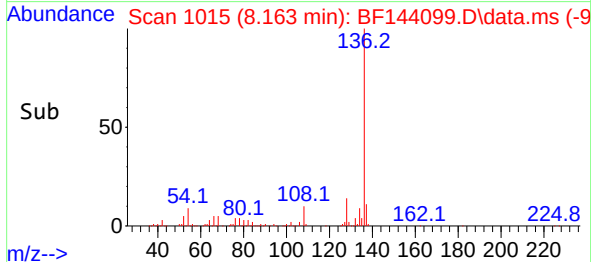


Tgt Ion:136 Resp: 315394

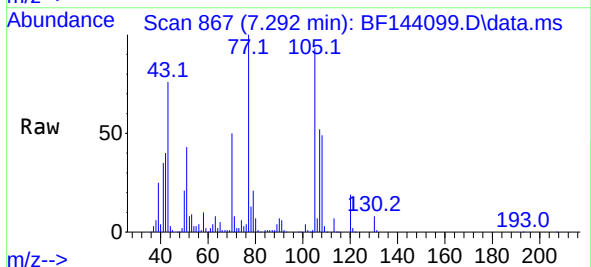
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	6.6	9.8
68	4.9	4.6	6.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

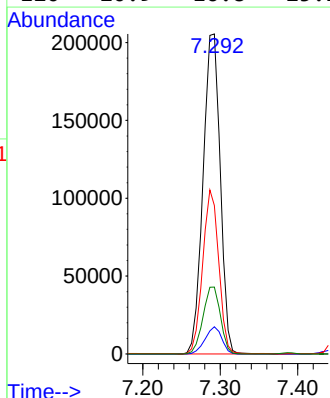
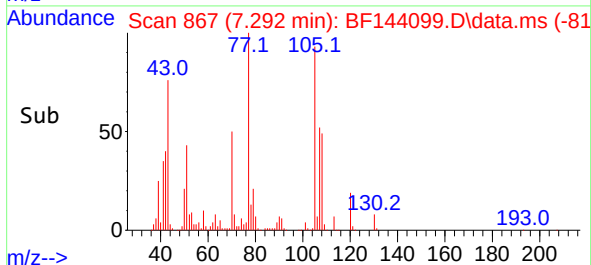


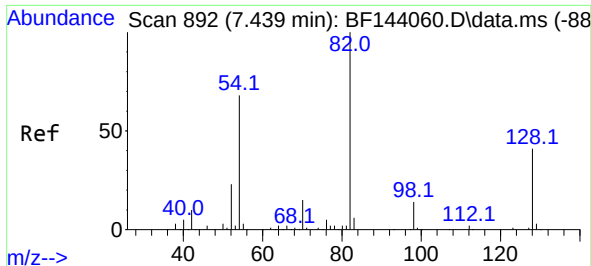
#22
Acetophenone
Concen: 46.435 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion:105 Resp: 316501

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.9	10.3
51	46.4	40.6	60.8
120	20.9	16.8	25.2





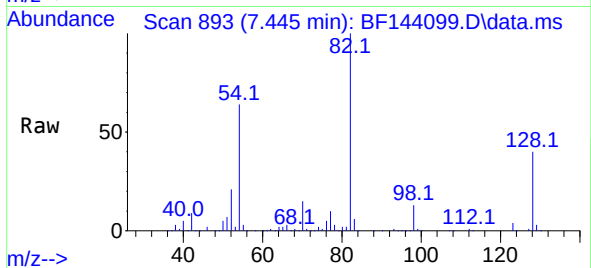
#23
Nitrobenzene-d5
Concen: 76.167 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

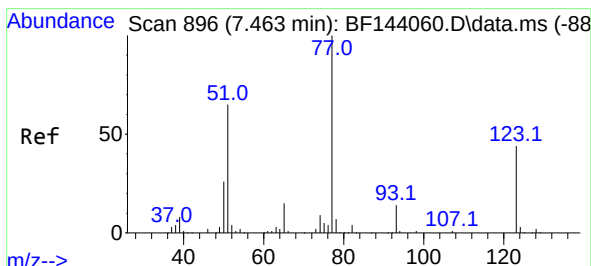
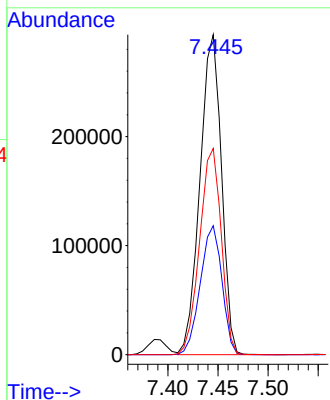
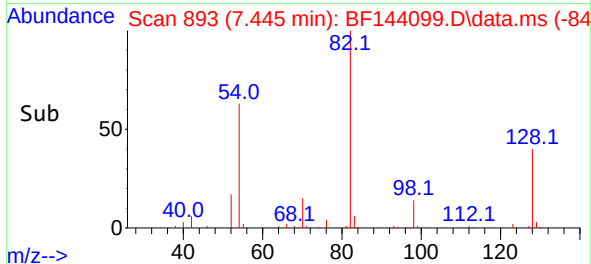


Tgt Ion: 82 Resp: 438470
Ion Ratio Lower Upper
82 100
128 40.3 32.4 48.6
54 64.4 54.0 81.0

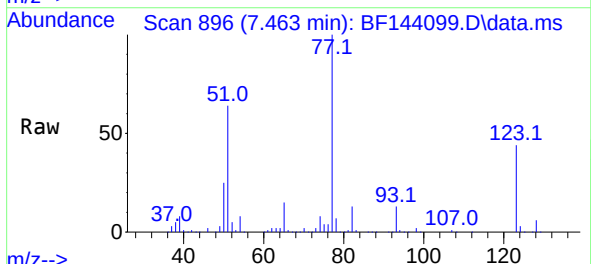
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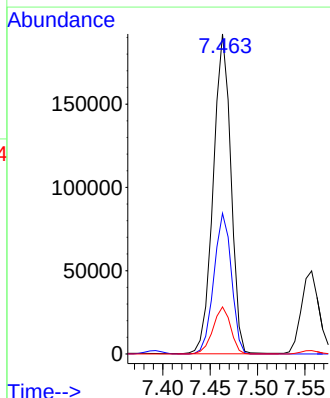
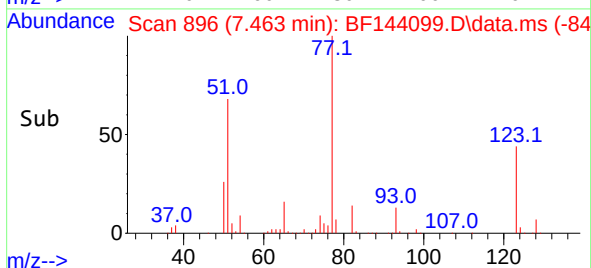
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

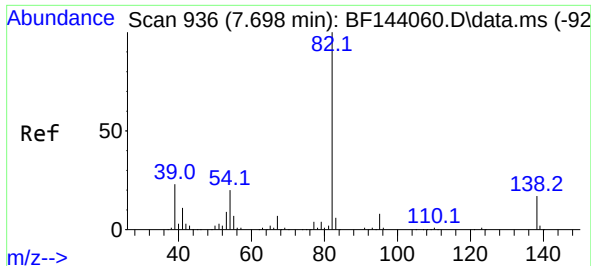


#24
Nitrobenzene
Concen: 40.816 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion: 77 Resp: 248557
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.6
65 14.7 12.2 18.2





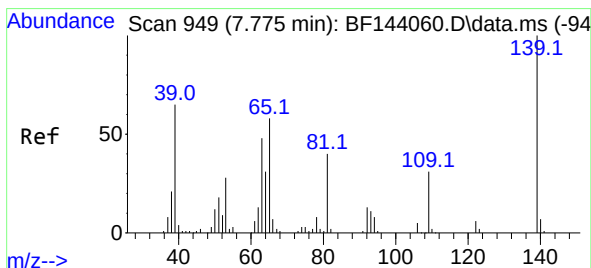
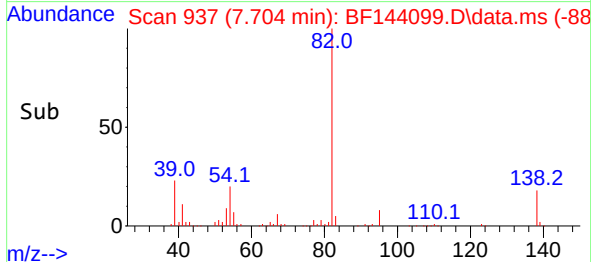
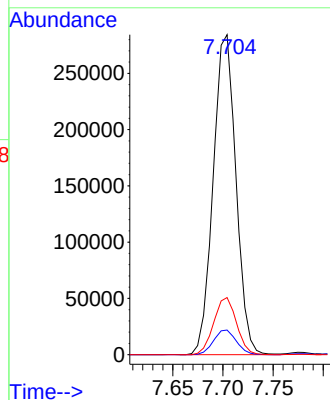
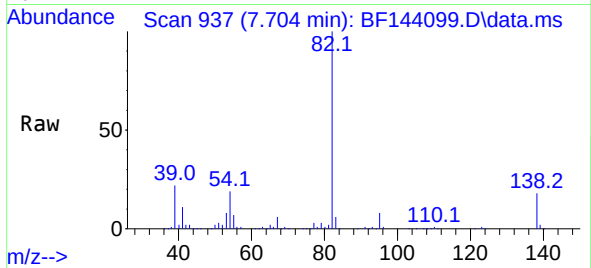
#25
Isophorone
Concen: 44.663 ng
RT: 7.704 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion: 82 Resp: 449510
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.9 13.8 20.8

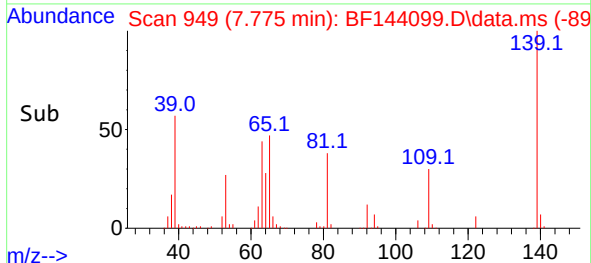
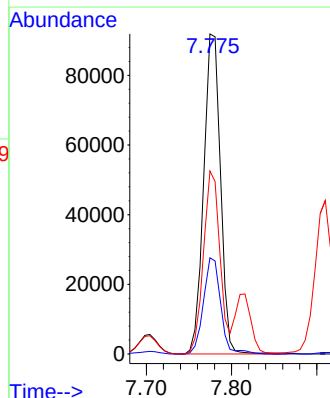
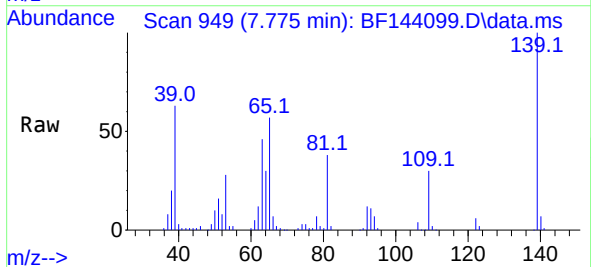
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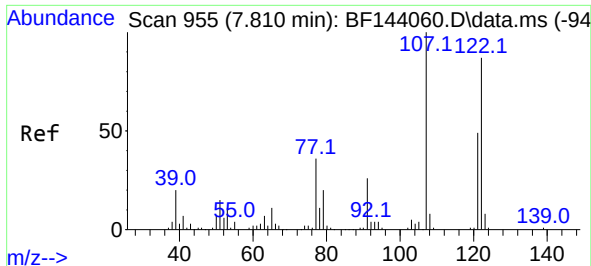
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#26
2-Nitrophenol
Concen: 43.486 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:139 Resp: 125980
Ion Ratio Lower Upper
139 100
109 30.0 24.6 37.0
65 57.1 46.6 69.8





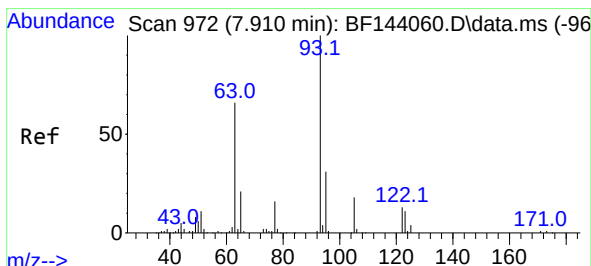
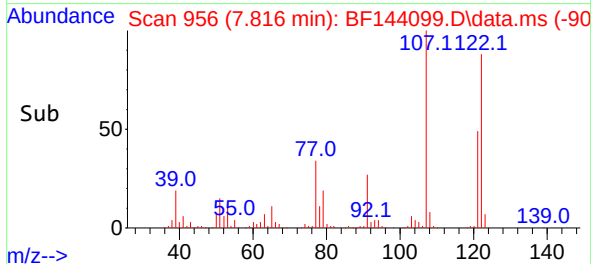
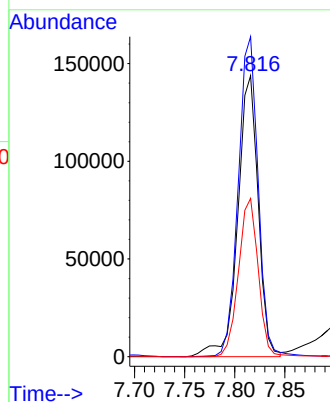
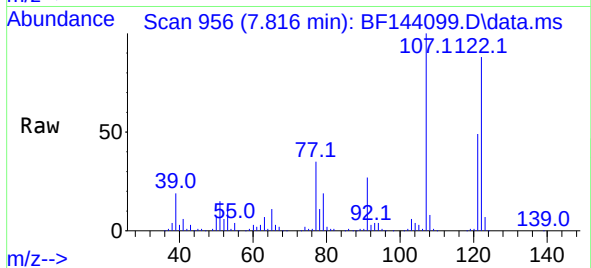
#27
2,4-Dimethylphenol
Concen: 47.303 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:122 Resp: 203640
Ion Ratio Lower Upper
122 100
107 113.9 91.8 137.8
121 56.3 45.2 67.8

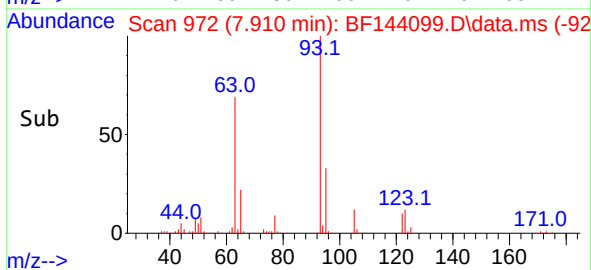
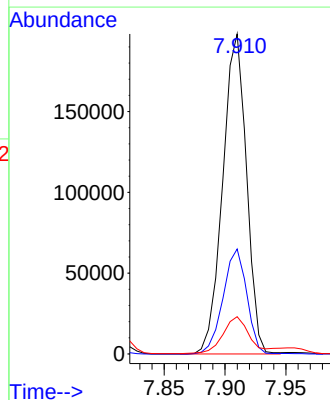
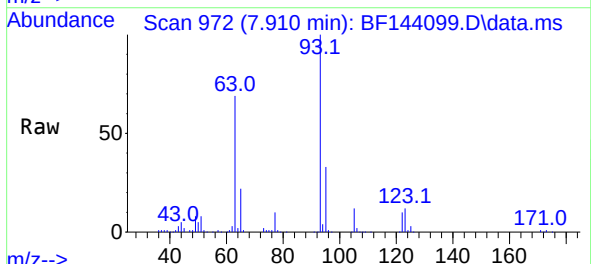
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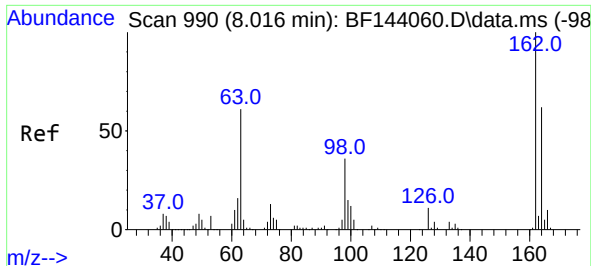
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.825 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

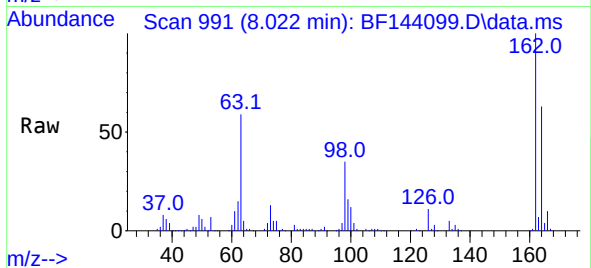
Tgt Ion: 93 Resp: 268793
Ion Ratio Lower Upper
93 100
95 32.8 24.6 36.8
123 11.6 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 41.917 ng
RT: 8.022 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

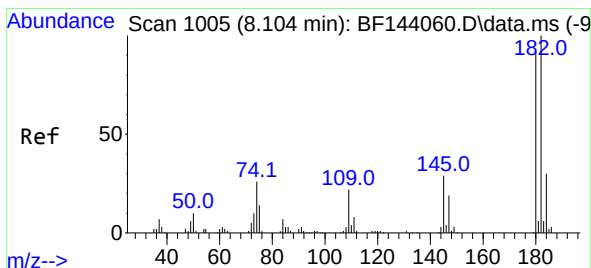
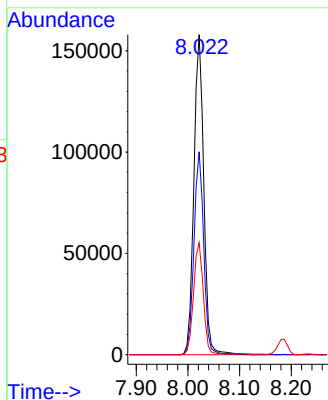
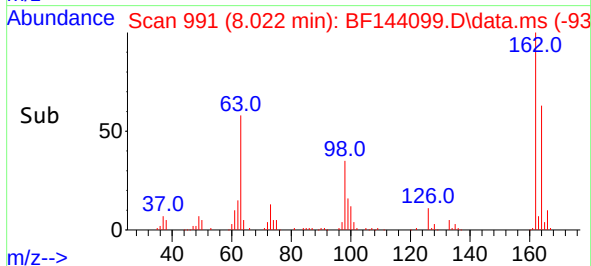
Instrument :
BNA_F
ClientSampleId :
PB170267BS



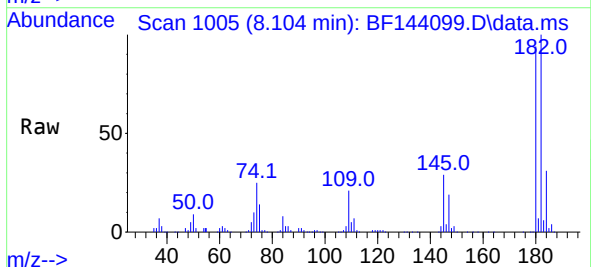
Tgt Ion:162 Resp: 209860
Ion Ratio Lower Upper
162 100
164 63.4 42.1 82.1
98 35.0 16.0 56.0

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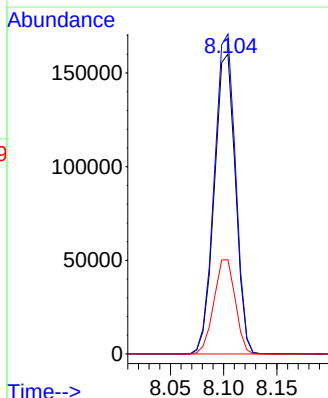
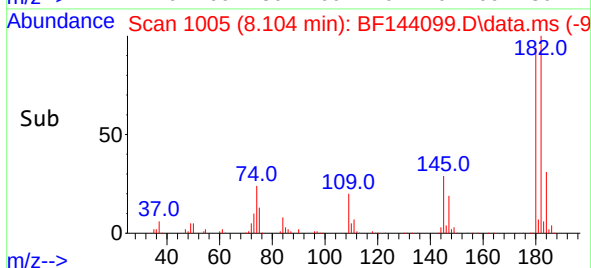
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

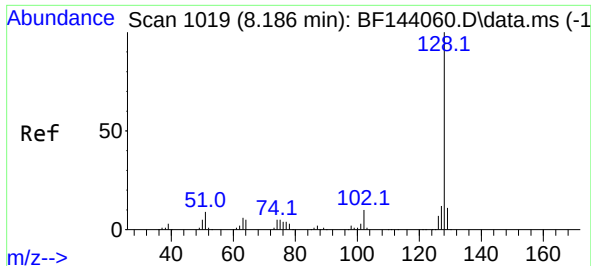


#30
1,2,4-Trichlorobenzene
Concen: 42.886 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



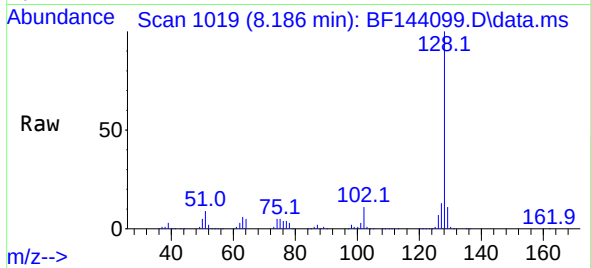
Tgt Ion:180 Resp: 220886
Ion Ratio Lower Upper
180 100
182 106.7 87.1 130.7
145 31.4 25.3 37.9





#31
Naphthalene
Concen: 40.020 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

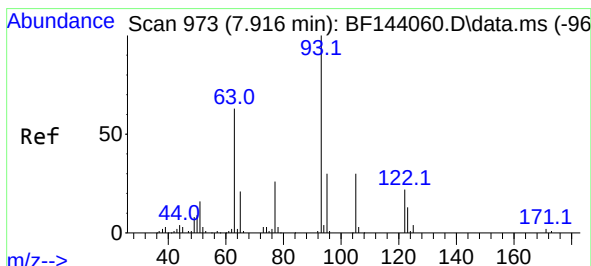
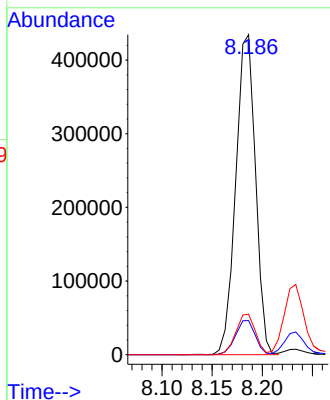
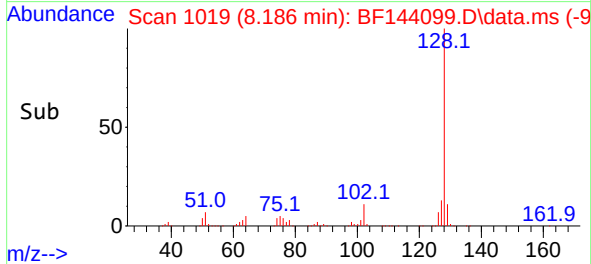
Instrument :
BNA_F
ClientSampleId :
PB170267BS



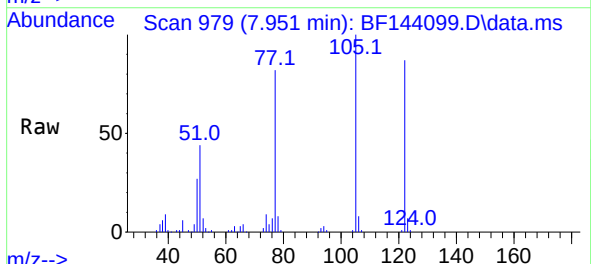
Tgt Ion:128 Resp: 595729
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.7 9.9 14.9

Manual Integrations
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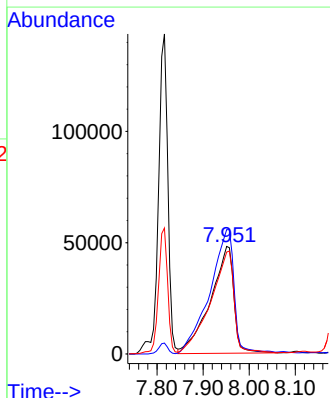
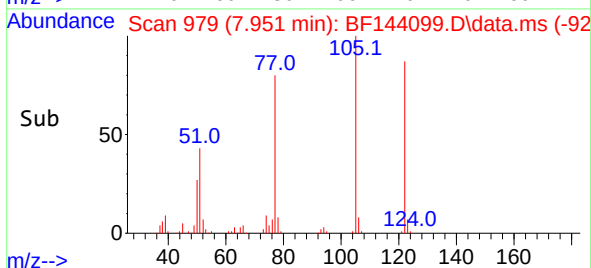
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

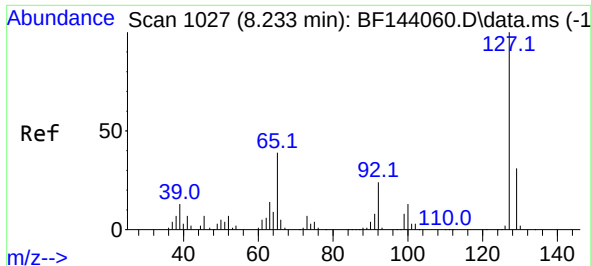


#32
Benzoic acid
Concen: 62.259 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.035 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



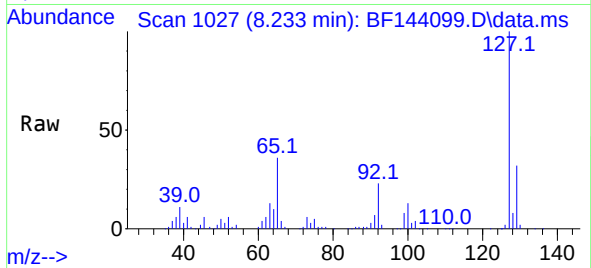
Tgt Ion:122 Resp: 170016
Ion Ratio Lower Upper
122 100
105 115.6 111.3 151.3
77 94.8 96.7 136.7#





#33
4-Chloroaniline
Concen: 26.515 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

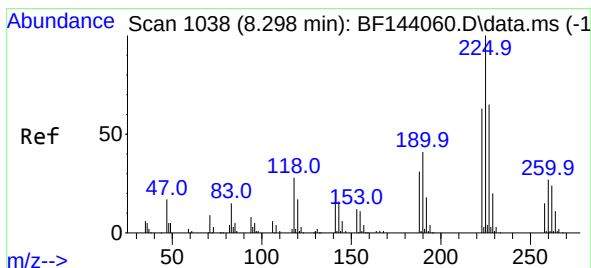
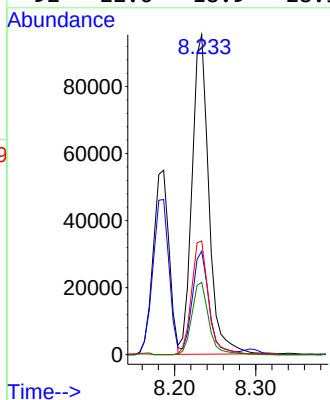
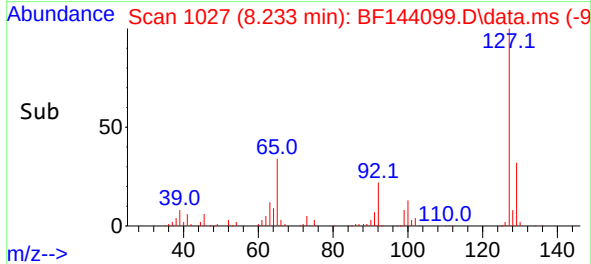


Tgt Ion:127 Resp: 13740

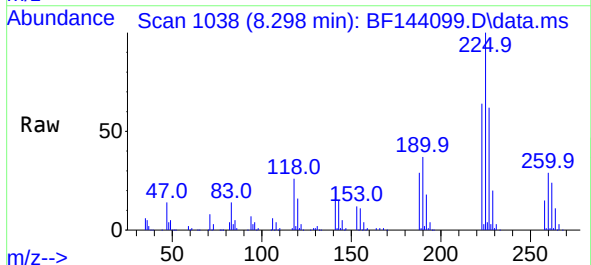
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	35.6	30.9	46.3
92	22.6	18.9	28.3

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Supervised By :Jagrut Upadhyay 10/29/2025

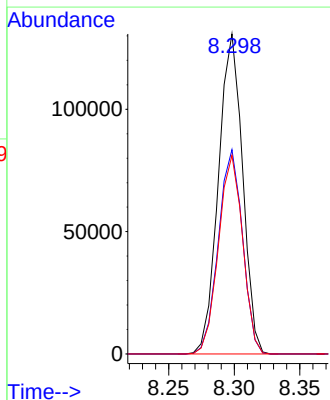
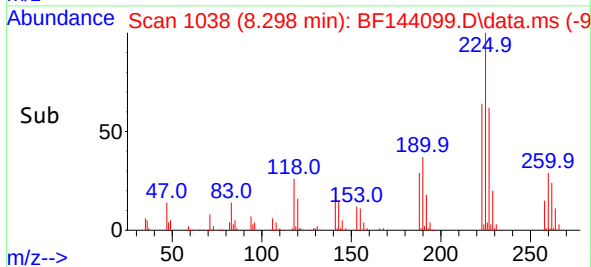


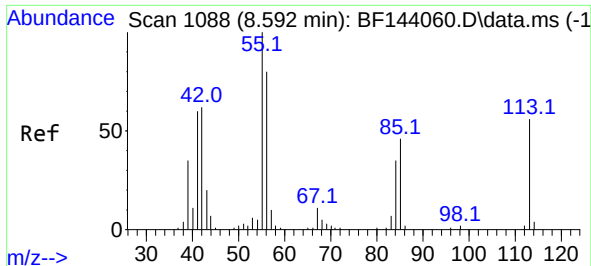
#34
Hexachlorobutadiene
Concen: 39.674 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion:225 Resp: 167090

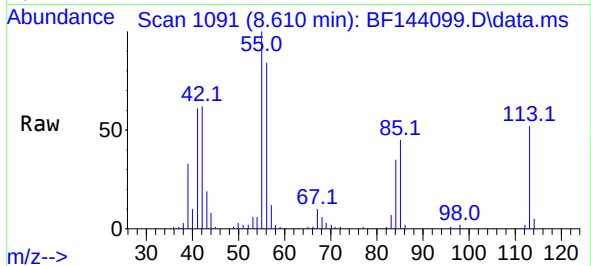
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	62.0	51.8	77.8





#35
 Caprolactam
 Concen: 53.222 ng m
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.018 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

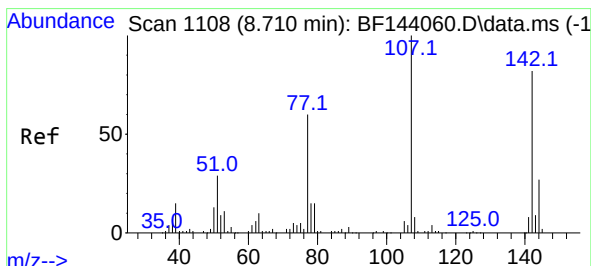
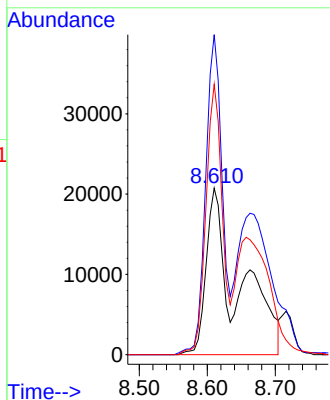
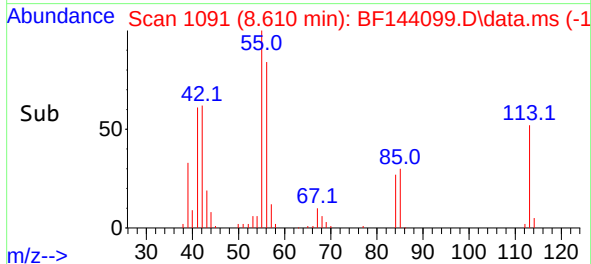
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 BNA_F
 ClientSampleId :
 PB170267BS



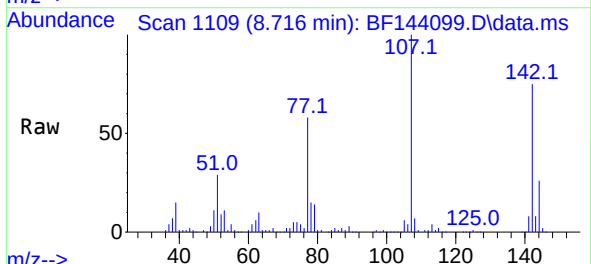
Tgt Ion:113 Resp: 66819
 Ion Ratio Lower Upper
 113 100
 55 192.2 160.1 200.1
 56 162.4 124.9 164.9

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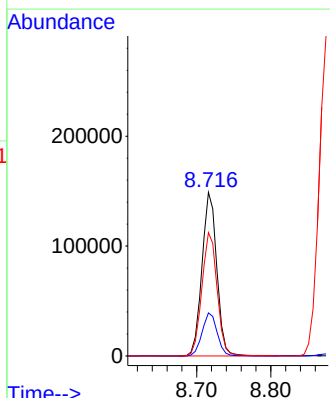
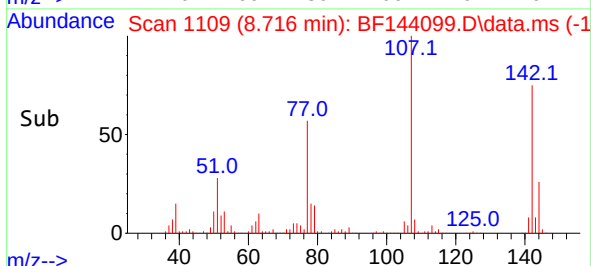
Reviewed By :Rahul Chavli 10/29/2025
 Supervised By :Jagrut Upadhyay 10/29/2025

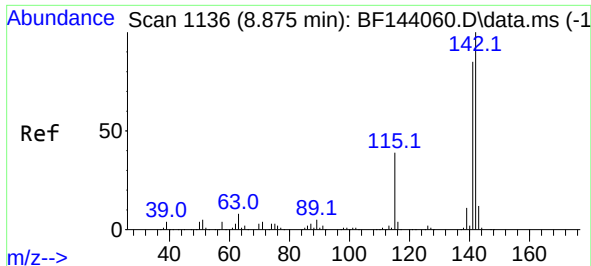


#36
 4-Chloro-3-methylphenol
 Concen: 46.898 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16



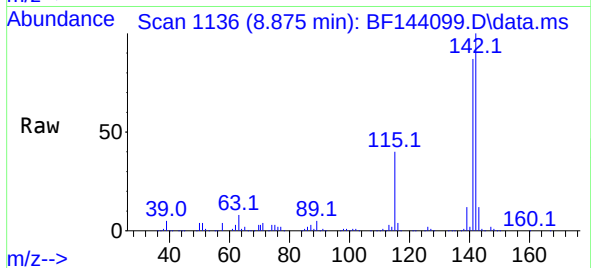
Tgt Ion:107 Resp: 207200
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.6 32.4
 142 75.4 65.4 98.0





#37
2-Methylnaphthalene
Concen: 39.184 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

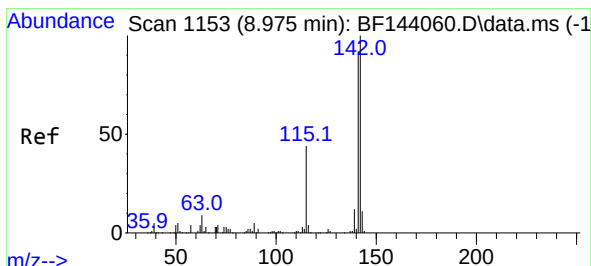
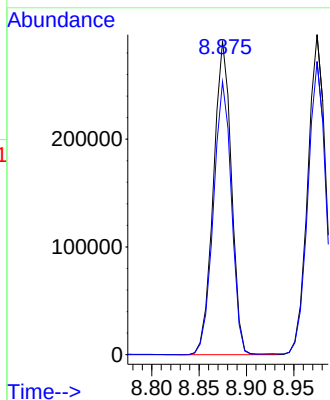
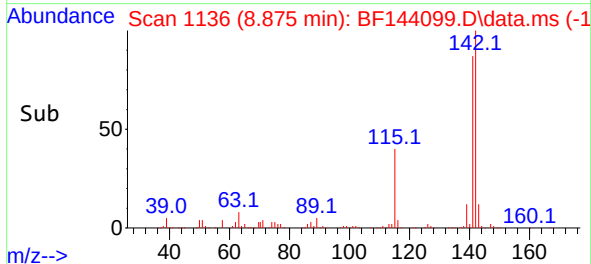
Instrument :
BNA_F
ClientSampleId :
PB170267BS



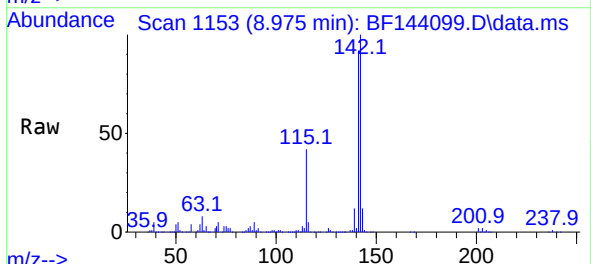
Tgt Ion:142 Resp: 38456
Ion Ratio Lower Upper
142 100
141 87.0 67.6 101.4

Manual Integrations
APPROVED

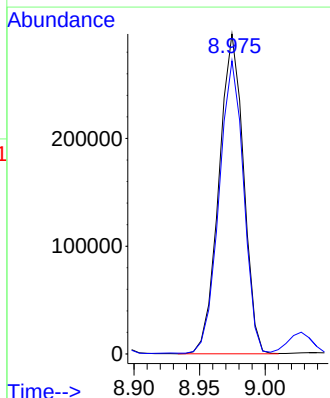
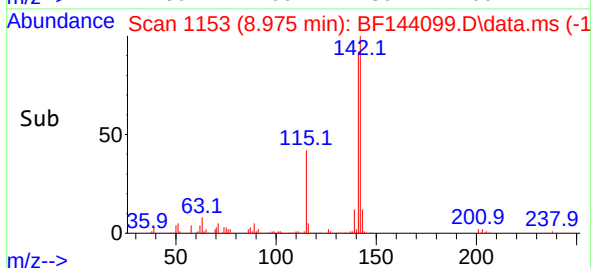
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

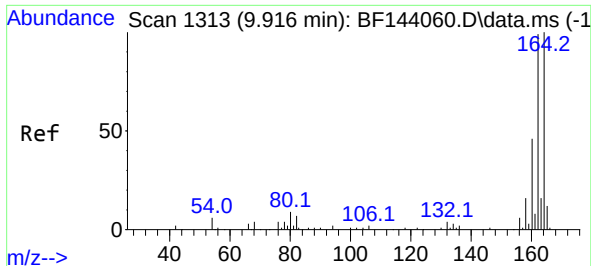


#38
1-Methylnaphthalene
Concen: 41.589 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



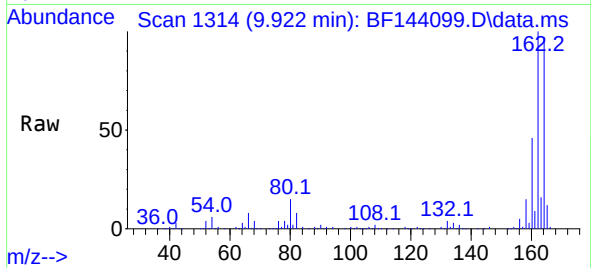
Tgt Ion:142 Resp: 386706
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

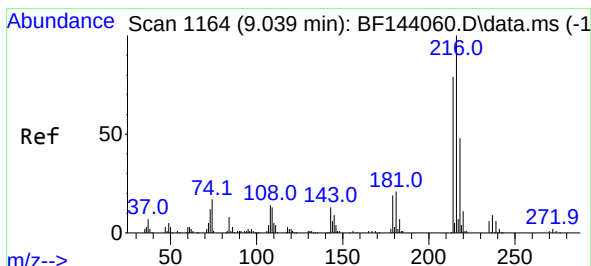
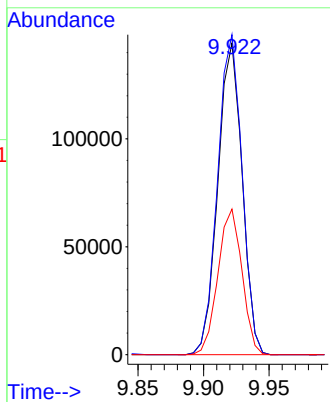
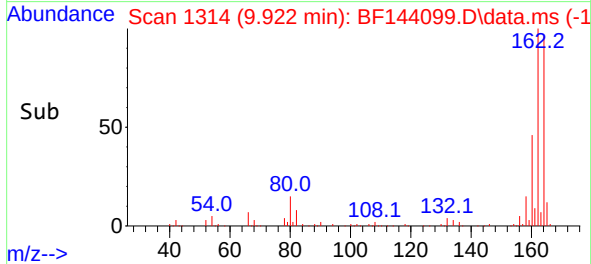
Instrument :
BNA_F
ClientSampleId :
PB170267BS



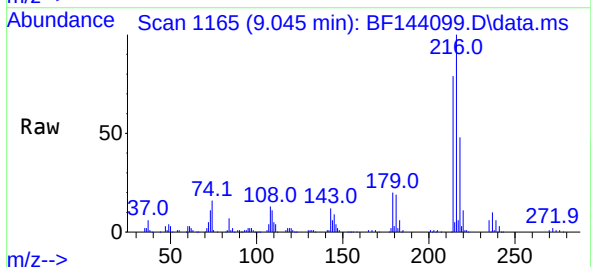
Tgt Ion:164 Resp: 18579
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 46.8 36.7 55.1

Manual Integrations
APPROVED

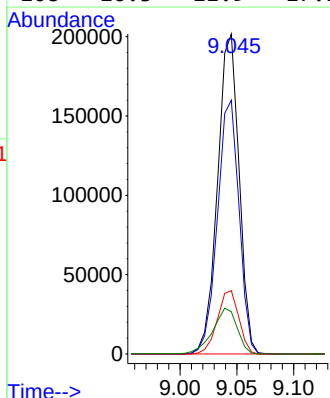
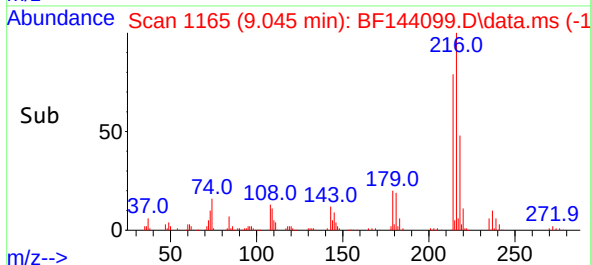
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

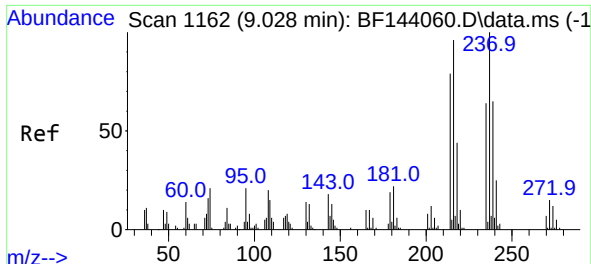


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.586 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



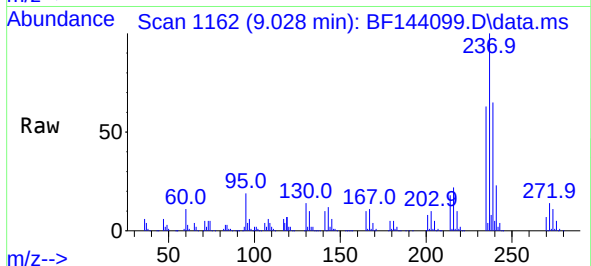
Tgt Ion:216 Resp: 265538
Ion Ratio Lower Upper
216 100
214 79.9 63.2 94.8
179 19.8 15.2 22.8
108 16.3 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 134.365 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

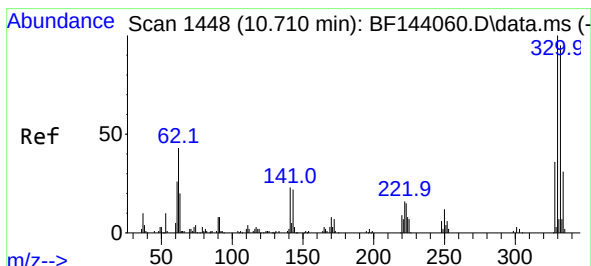
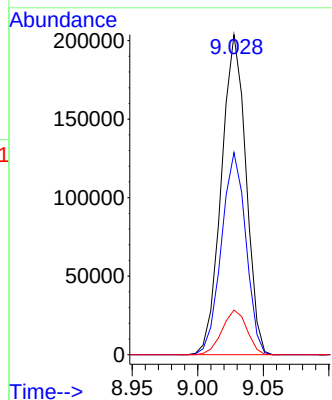
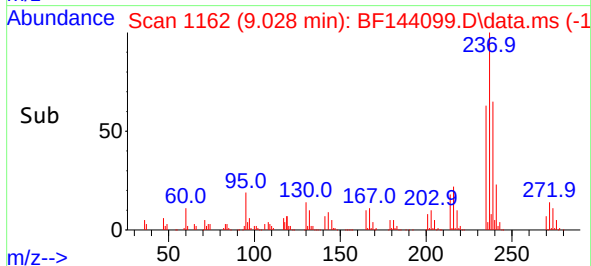
Instrument :
BNA_F
ClientSampleId :
PB170267BS



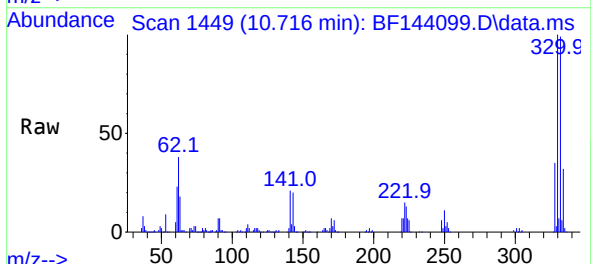
Tgt Ion:237 Resp: 26499
Ion Ratio Lower Upper
237 100
235 63.1 44.3 84.3
272 14.0 0.0 35.2

Manual Integrations
APPROVED

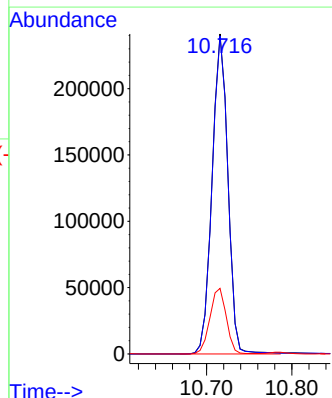
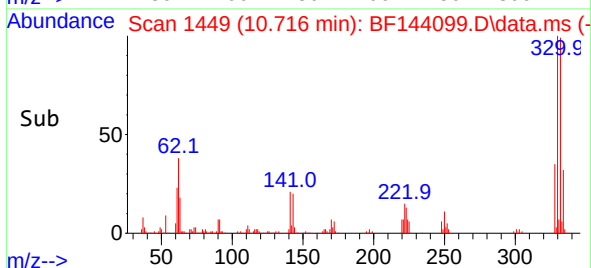
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

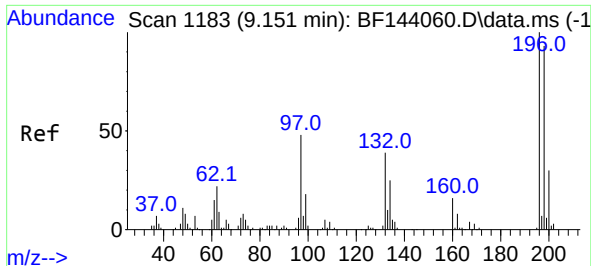


#42
2,4,6-Tribromophenol
Concen: 131.446 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



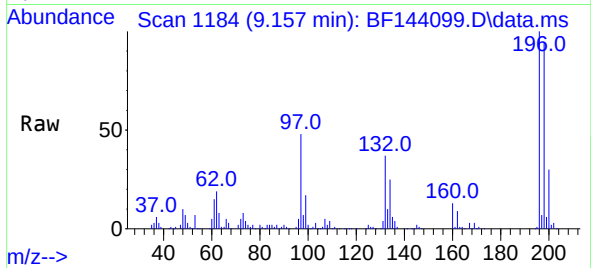
Tgt Ion:330 Resp: 311085
Ion Ratio Lower Upper
330 100
332 99.4 77.0 115.6
141 21.2 19.4 29.0





#43
2,4,6-Trichlorophenol
Concen: 42.408 ng
RT: 9.157 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

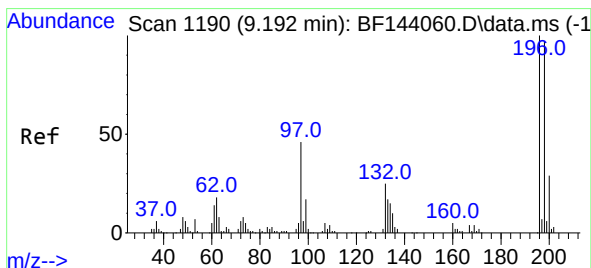
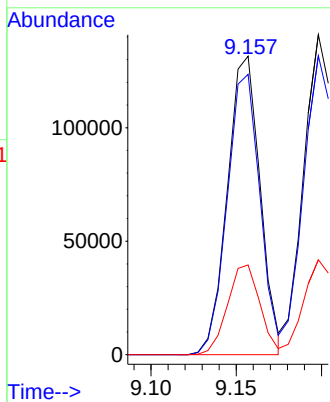
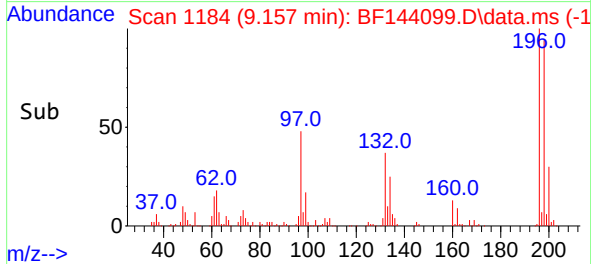
Instrument :
BNA_F
ClientSampleId :
PB170267BS



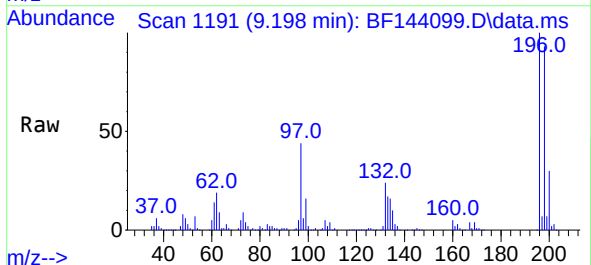
Tgt Ion:196 Resp: 17601
Ion Ratio Lower Upper
196 100
198 93.9 74.4 111.6
200 30.1 23.8 35.8

Manual Integrations
APPROVED

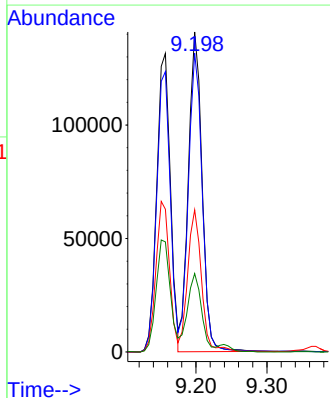
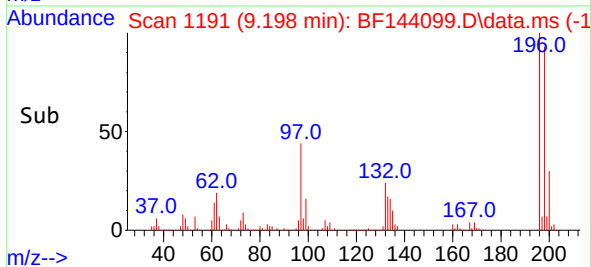
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

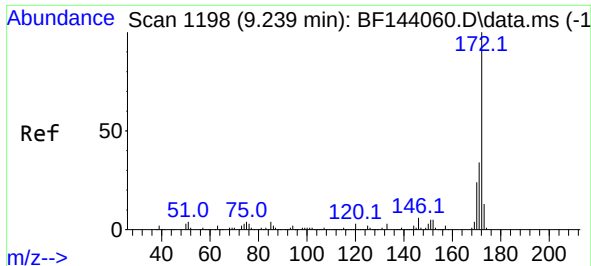


#44
2,4,5-Trichlorophenol
Concen: 43.485 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



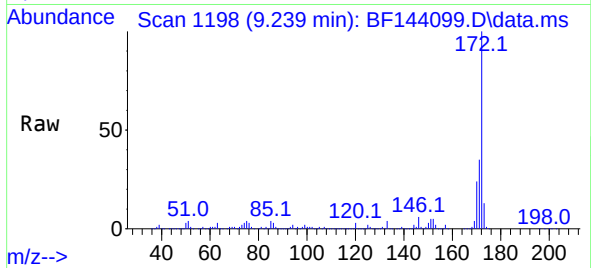
Tgt Ion:196 Resp: 189414
Ion Ratio Lower Upper
196 100
198 93.4 78.0 117.0
97 44.4 37.7 56.5
132 24.5 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 72.915 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

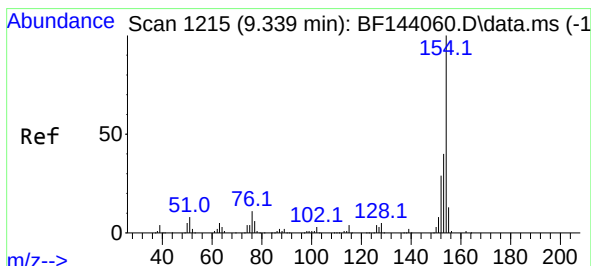
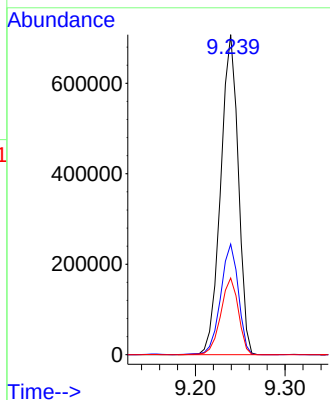
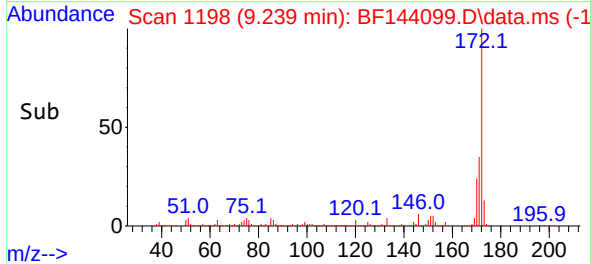
Instrument :
BNA_F
ClientSampleId :
PB170267BS



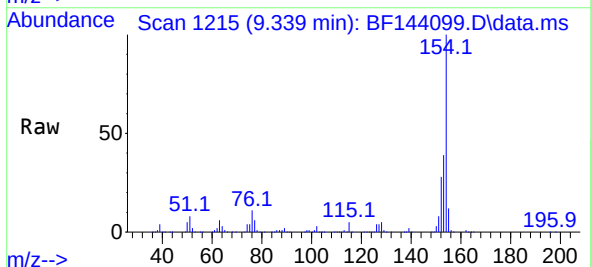
Tgt Ion:172 Resp: 96268
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.9 19.0 28.6

Manual Integrations
APPROVED

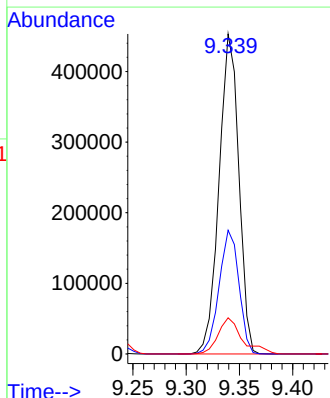
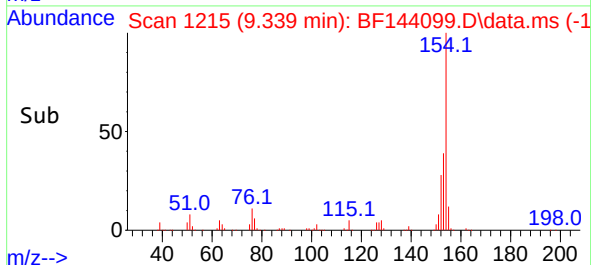
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

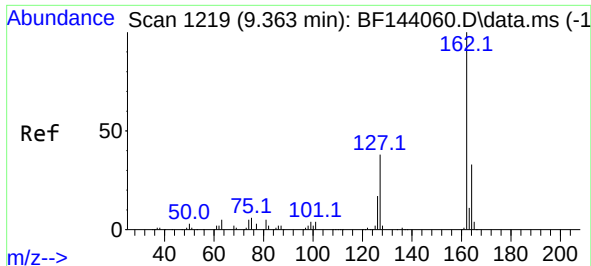


#46
1,1'-Biphenyl
Concen: 43.889 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



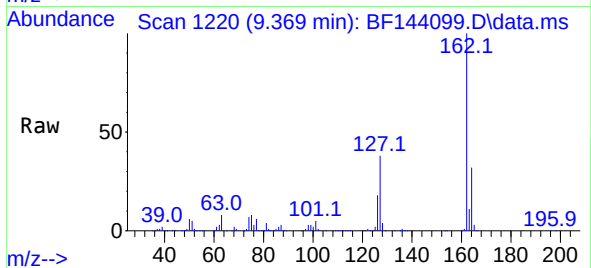
Tgt Ion:154 Resp: 583723
Ion Ratio Lower Upper
154 100
153 38.7 19.7 59.7
76 11.3 0.0 31.1





#47
2-Chloronaphthalene
Concen: 39.074 ng
RT: 9.369 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

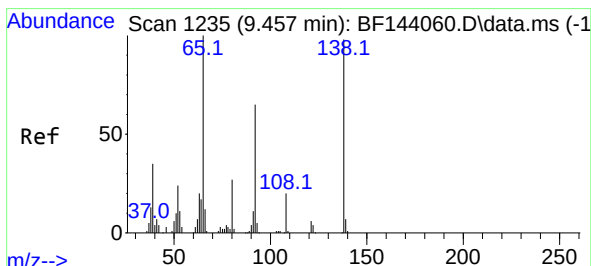
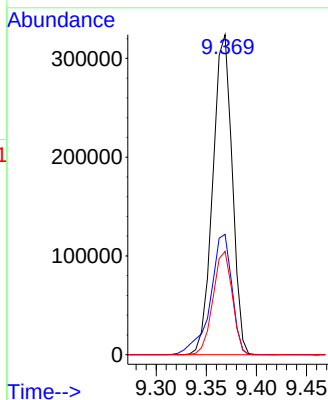
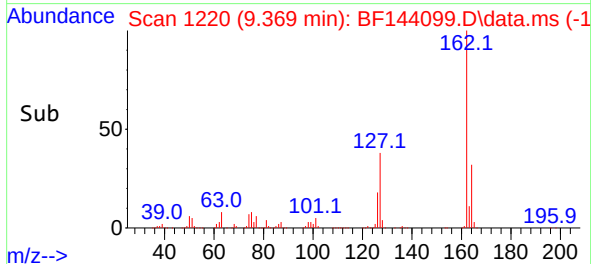
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion:162 Resp: 43537
Ion Ratio Lower Upper
162 100
127 37.6 31.6 47.4
164 32.3 26.5 39.7

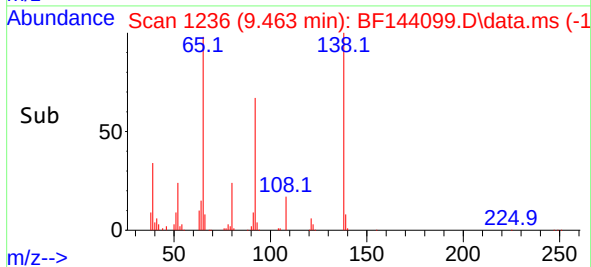
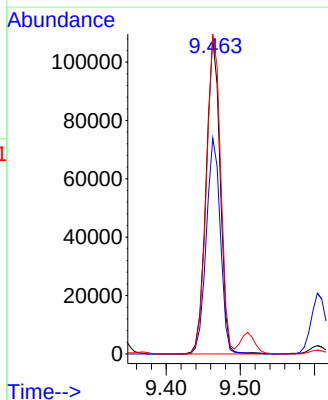
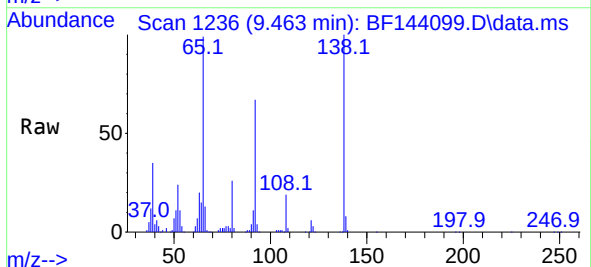
Manual Integrations
APPROVED

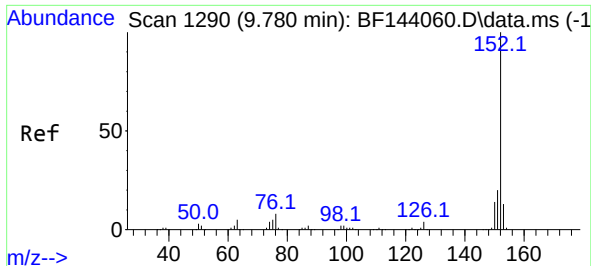
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#48
2-Nitroaniline
Concen: 43.328 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

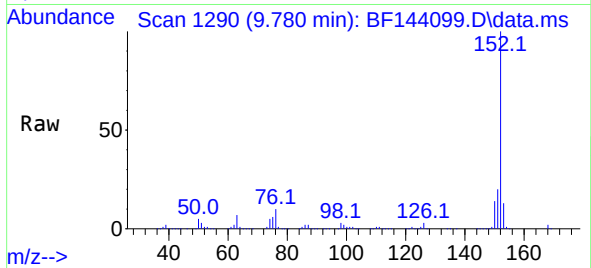
Tgt Ion: 65 Resp: 143358
Ion Ratio Lower Upper
65 100
92 68.3 52.3 78.5
138 101.2 78.3 117.5





#49
Acenaphthylene
Concen: 46.405 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

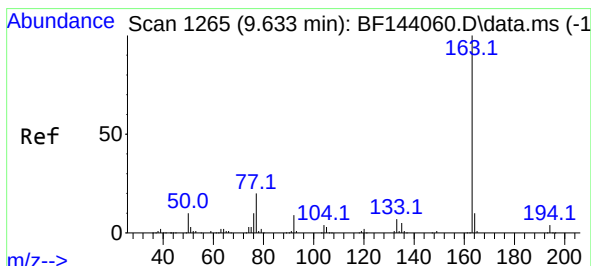
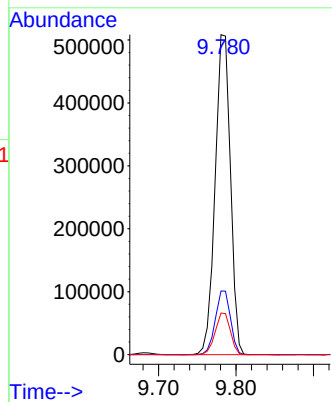
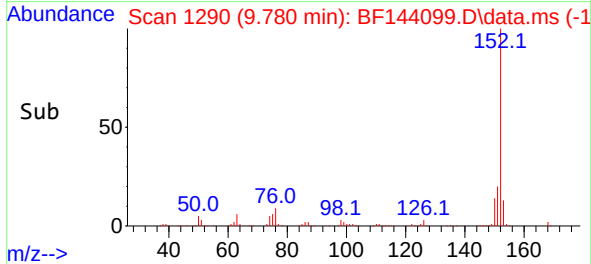
Instrument :
BNA_F
ClientSampleId :
PB170267BS



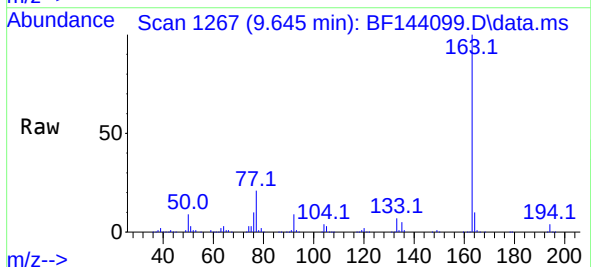
Tgt Ion:152 Resp: 697184
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.4 15.6

Manual Integrations
APPROVED

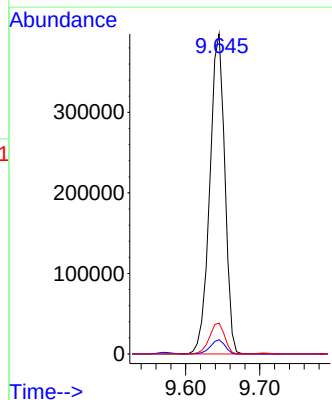
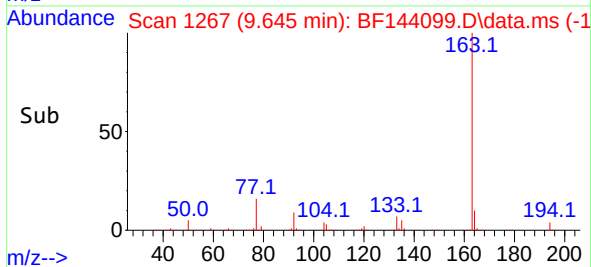
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

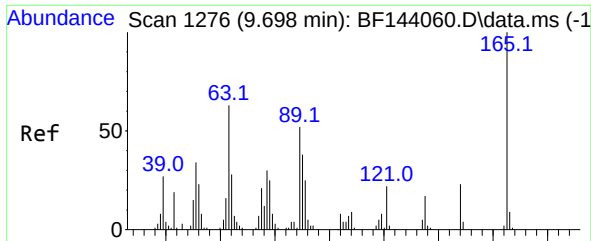


#50
Dimethylphthalate
Concen: 45.845 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



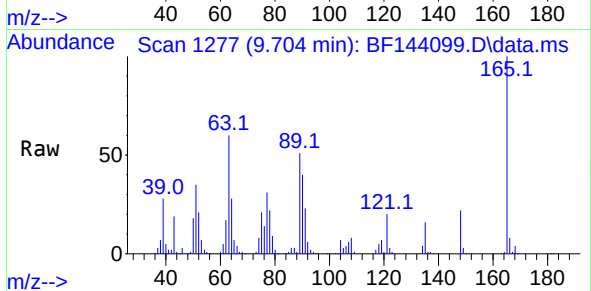
Tgt Ion:163 Resp: 558313
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.529 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

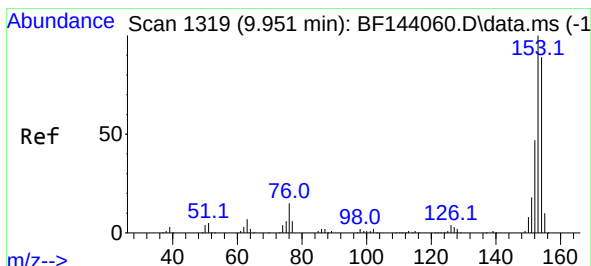
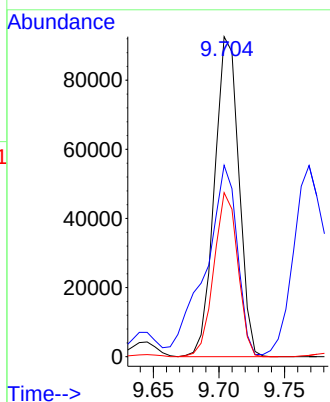
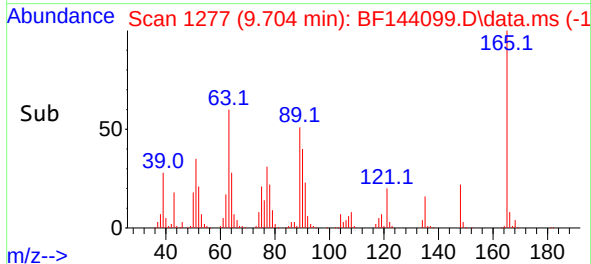
Instrument :
BNA_F
ClientSampleId :
PB170267BS



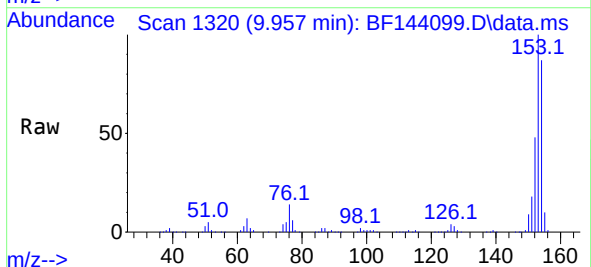
Tgt Ion:165 Resp: 11924
Ion Ratio Lower Upper
165 100
63 59.8 50.4 75.6
89 51.2 41.4 62.2

Manual Integrations
APPROVED

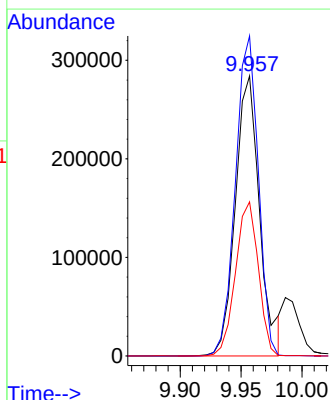
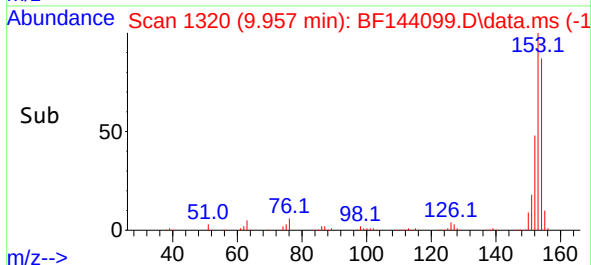
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

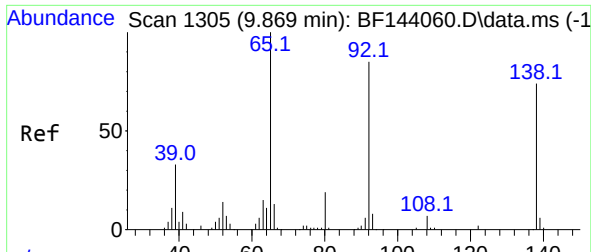


#52
Acenaphthene
Concen: 39.395 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



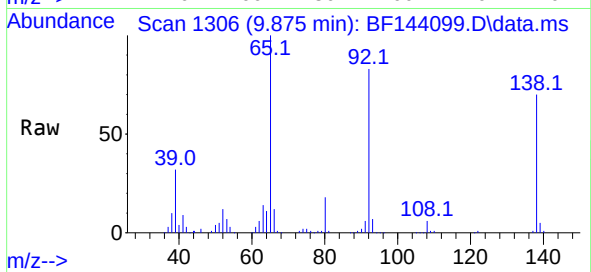
Tgt Ion:154 Resp: 395278
Ion Ratio Lower Upper
154 100
153 114.3 89.9 134.9
152 55.0 42.0 63.0





#53
3-Nitroaniline
Concen: 33.946 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

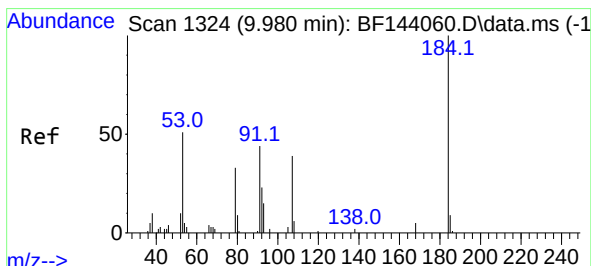
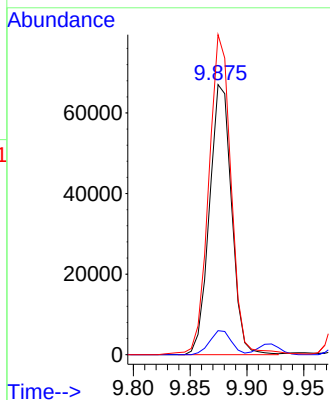
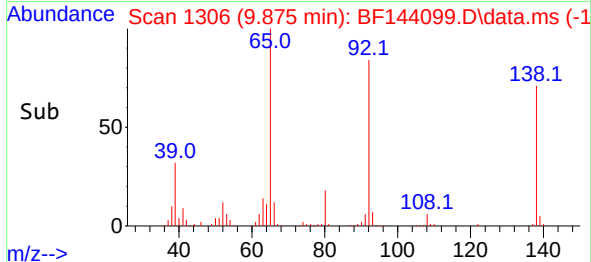
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion:138 Resp: 9086
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 118.5 92.0 138.0

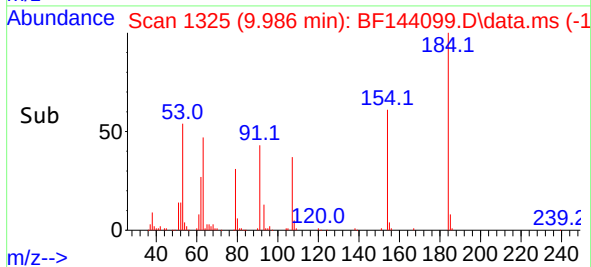
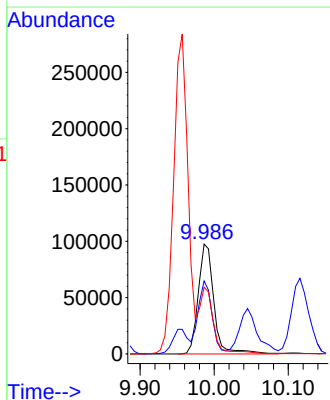
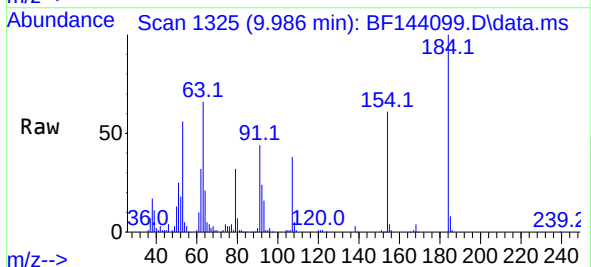
Manual Integrations
APPROVED

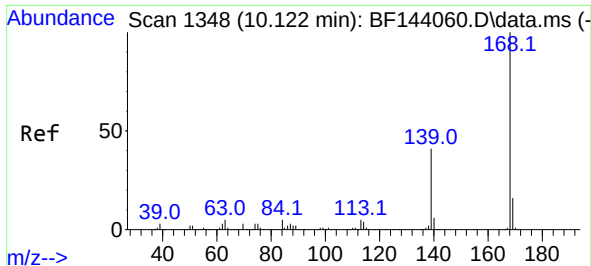
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#54
2,4-Dinitrophenol
Concen: 110.009 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:184 Resp: 143249
Ion Ratio Lower Upper
184 100
63 66.4 52.1 78.1
154 60.7 47.9 71.9





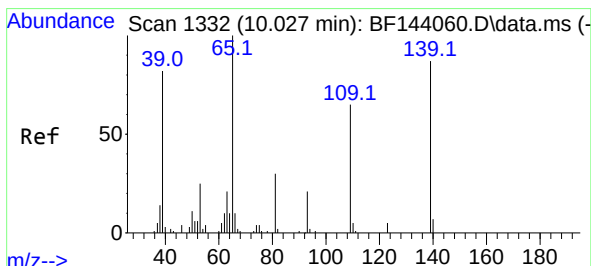
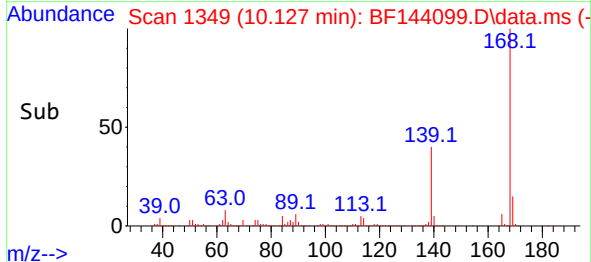
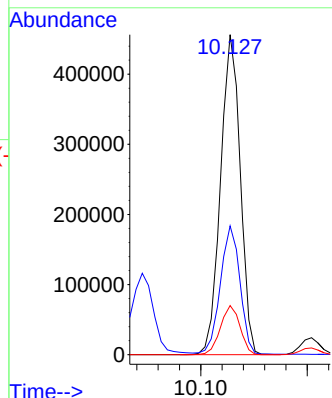
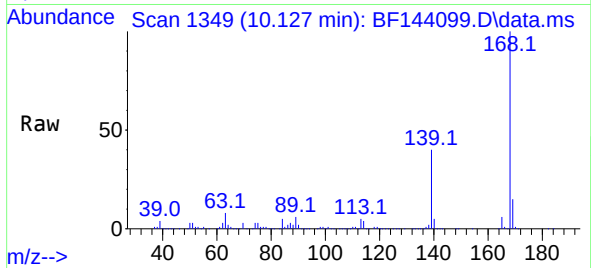
#55
Dibenzenofuran
Concen: 41.981 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:168 Resp: 584774
Ion Ratio Lower Upper
168 100
139 40.3 33.2 49.8
169 15.3 12.6 19.0

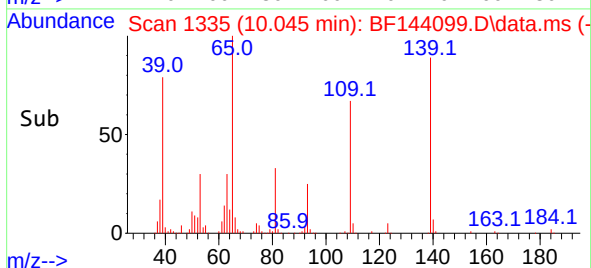
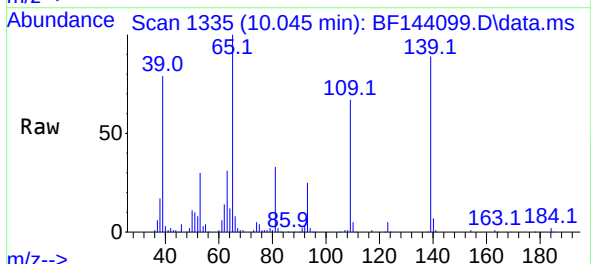
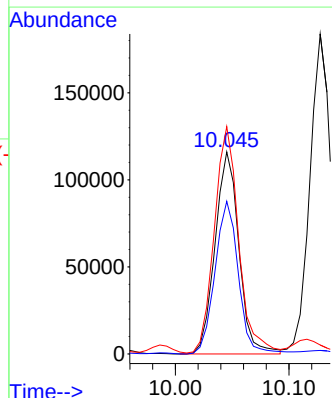
Manual Integrations
APPROVED

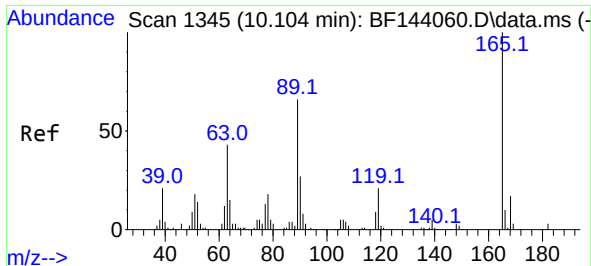
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#56
4-Nitrophenol
Concen: 93.457 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

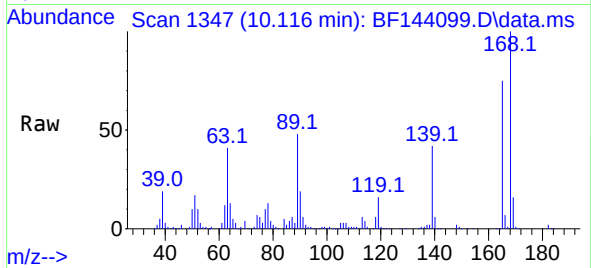
Tgt Ion:139 Resp: 169400
Ion Ratio Lower Upper
139 100
109 75.6 53.8 93.8
65 112.5 95.9 135.9





#57
2,4-Dinitrotoluene
Concen: 49.963 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

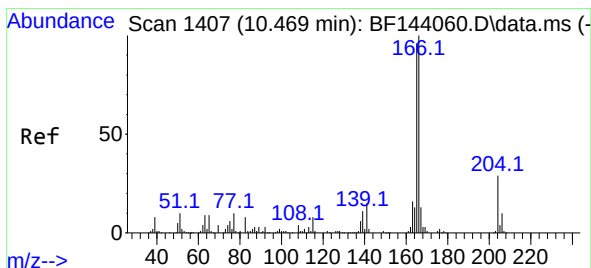
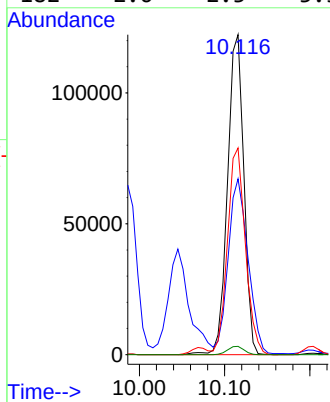
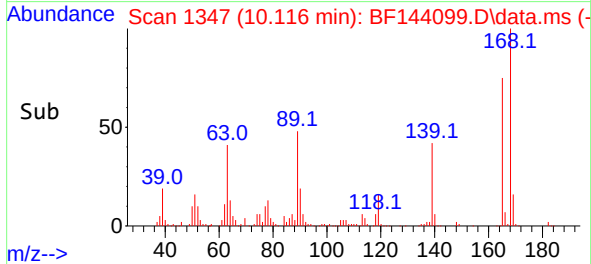
Instrument :
BNA_F
ClientSampleId :
PB170267BS



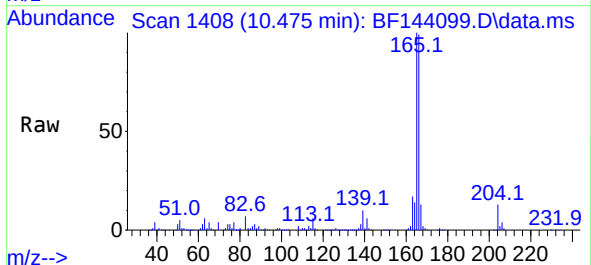
Tgt Ion:165 Resp: 16234
Ion Ratio Lower Upper
165 100
63 54.9 35.4 53.2
89 64.6 52.7 79.1
182 2.6 2.3 3.5

Manual Integrations
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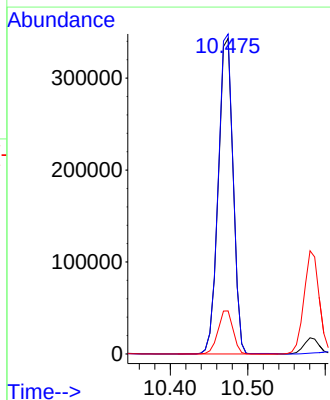
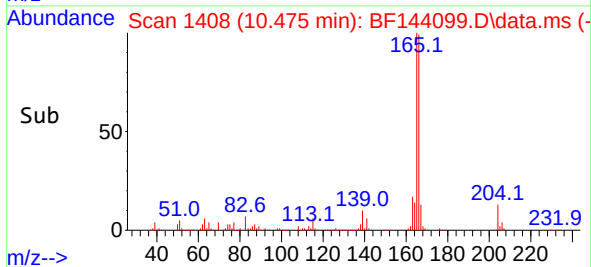
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

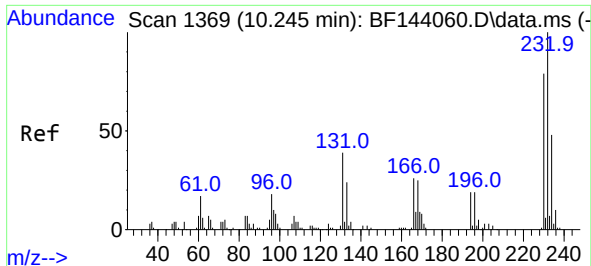


#58
Fluorene
Concen: 42.980 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



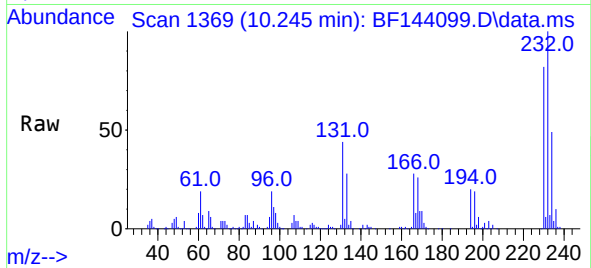
Tgt Ion:166 Resp: 456168
Ion Ratio Lower Upper
166 100
165 101.4 77.0 115.4
167 13.6 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.223 ng m
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

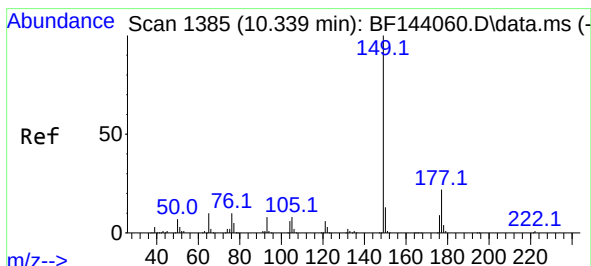
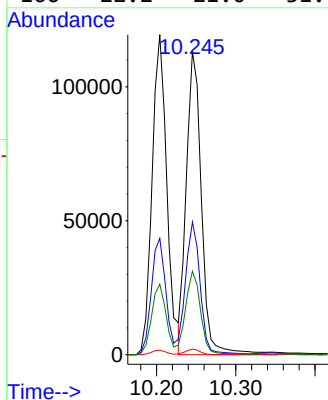
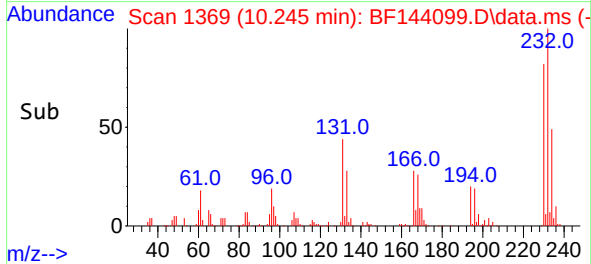
Instrument :
BNA_F
ClientSampleId :
PB170267BS



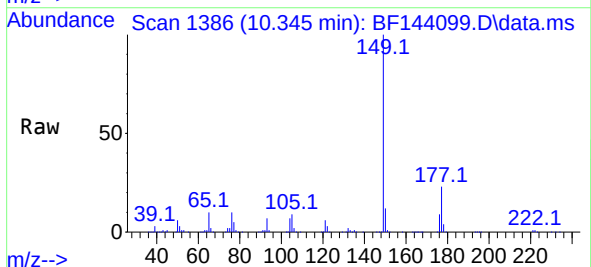
Tgt Ion:232 Resp: 151091
Ion Ratio Lower Upper
232 100
131 36.4 31.9 47.9
130 1.4 1.1 1.7
166 22.2 21.0 31.4

Manual Integrations
APPROVED

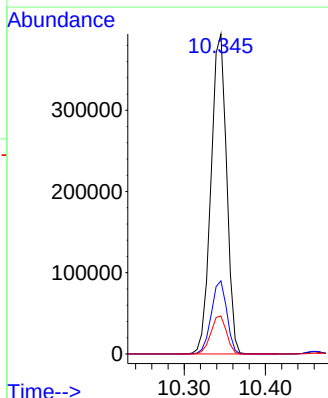
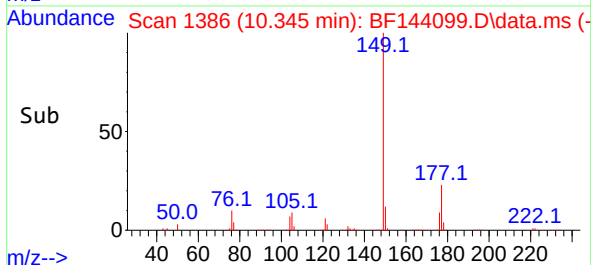
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

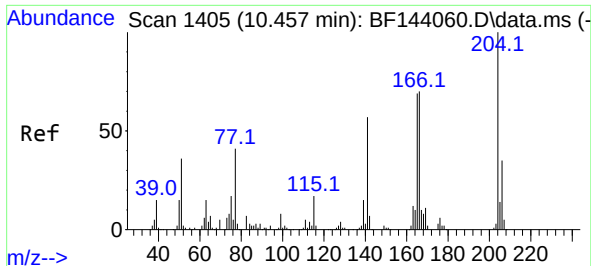


#60
Diethylphthalate
Concen: 45.888 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



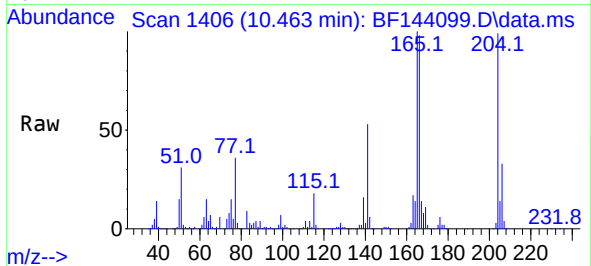
Tgt Ion:149 Resp: 525544
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 11.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.700 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

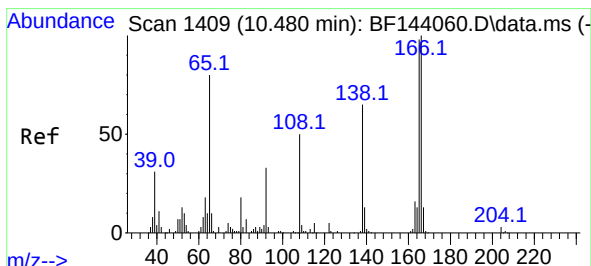
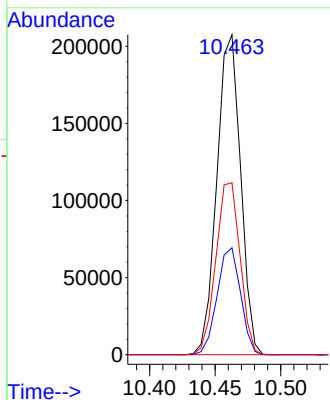
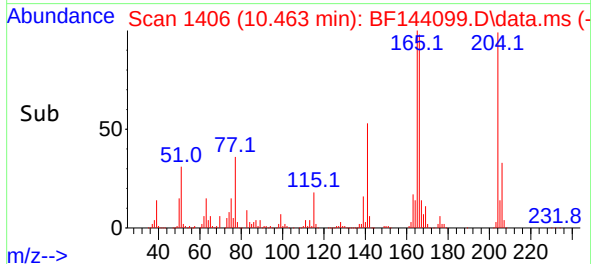
Instrument :
BNA_F
ClientSampleId :
PB170267BS



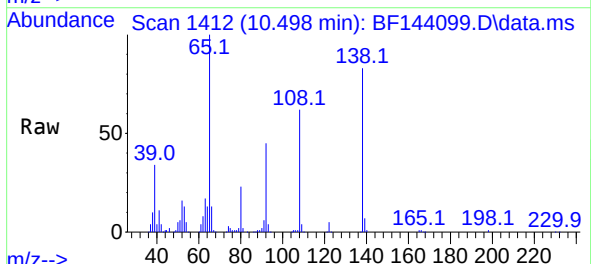
Tgt Ion:204 Resp: 26083
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.6
141 53.7 45.4 68.2

Manual Integrations
APPROVED

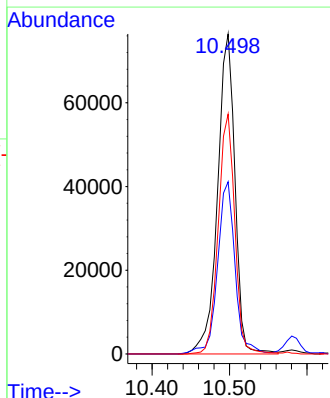
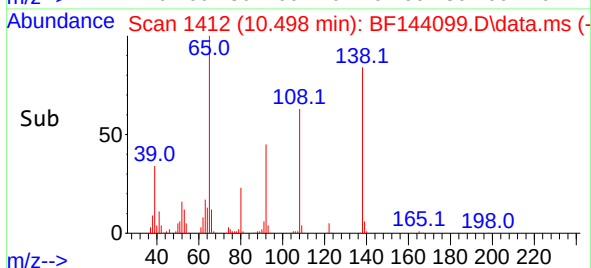
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

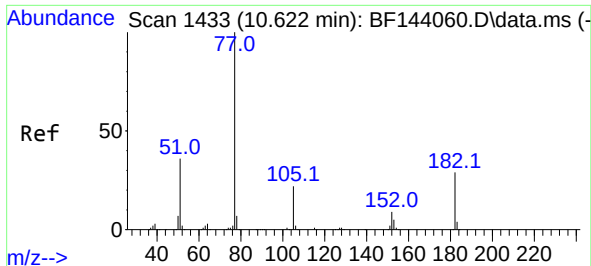


#62
4-Nitroaniline
Concen: 47.080 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



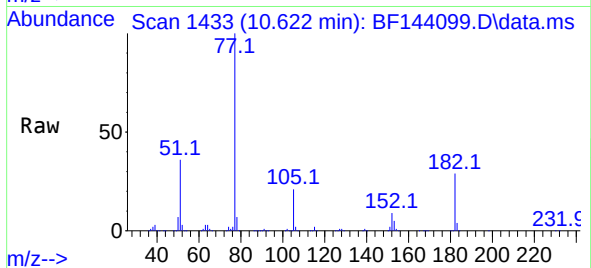
Tgt Ion:138 Resp: 119406
Ion Ratio Lower Upper
138 100
92 53.8 30.5 70.5
108 74.9 56.2 96.2





#63
Azobenzene
Concen: 45.313 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

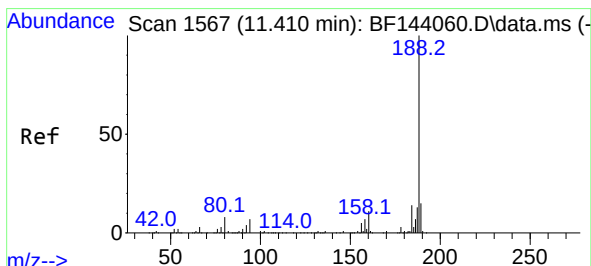
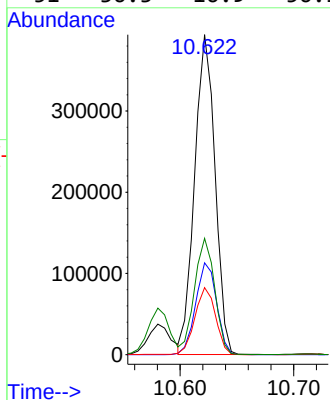
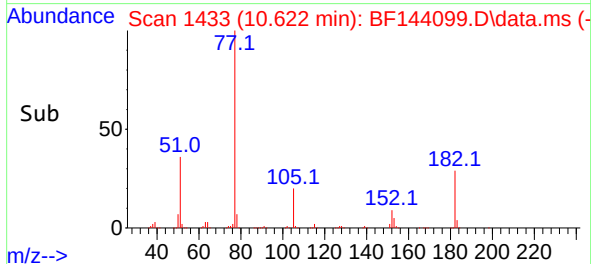
Instrument :
BNA_F
ClientSampleId :
PB170267BS



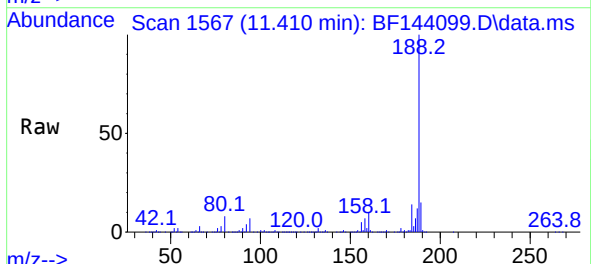
Tgt Ion: 77 Resp: 49119
Ion Ratio Lower Upper
77 100
182 28.7 9.0 49.0
105 20.9 1.4 41.4
51 36.3 16.9 56.9

Manual Integrations
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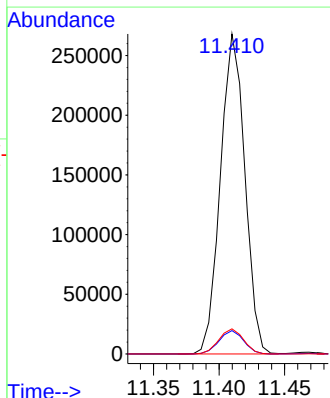
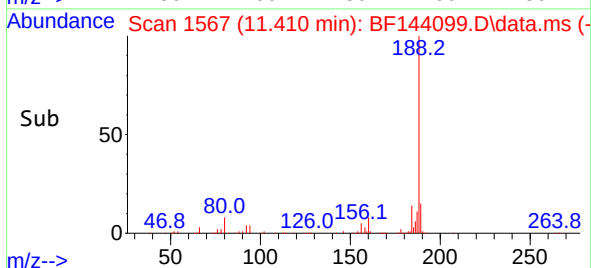
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

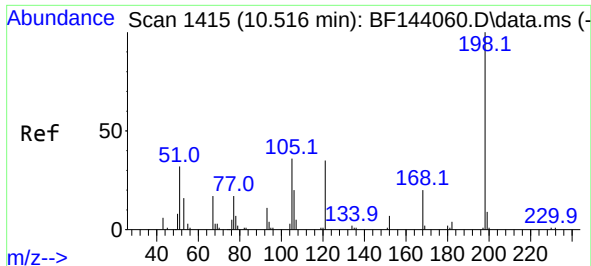


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion:188 Resp: 347429
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 7.9 6.0 9.0





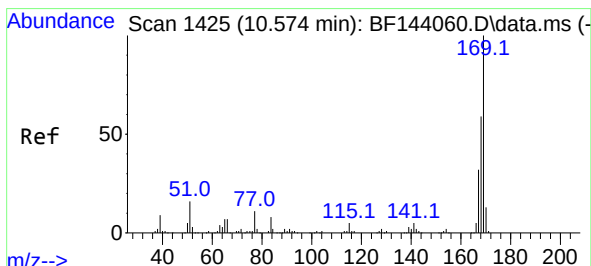
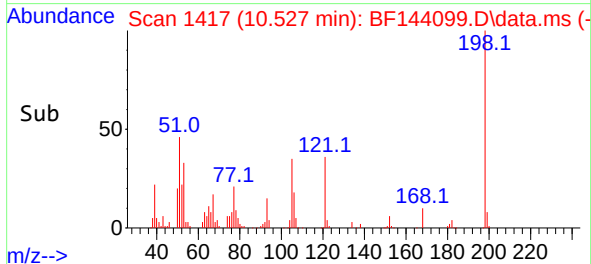
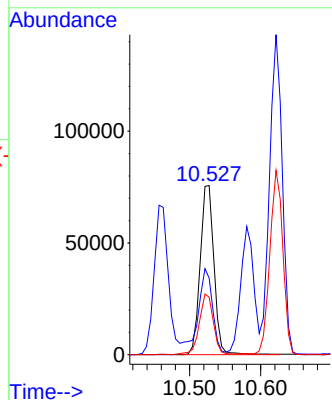
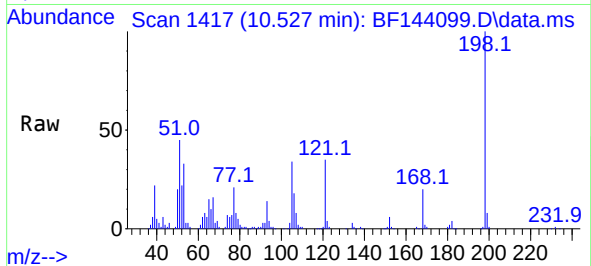
#65
4,6-Dinitro-2-methylphenol
Concen: 46.053 ng
RT: 10.527 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:198 Resp: 10265
Ion Ratio Lower Upper
198 100
51 45.2 25.8 65.8
105 33.9 17.2 57.2

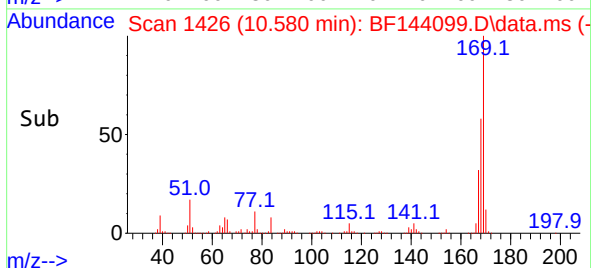
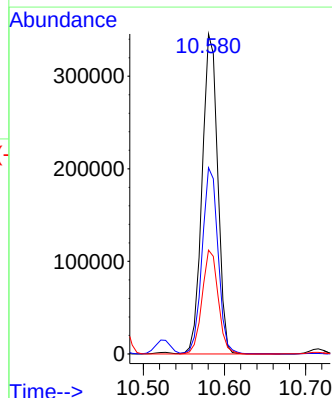
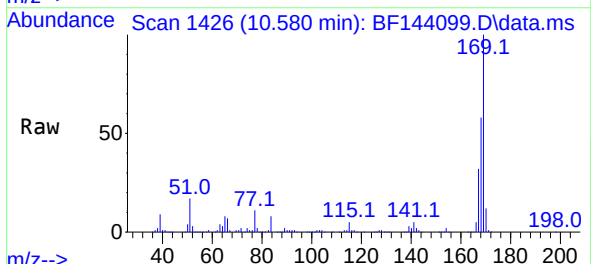
Manual Integrations
APPROVED

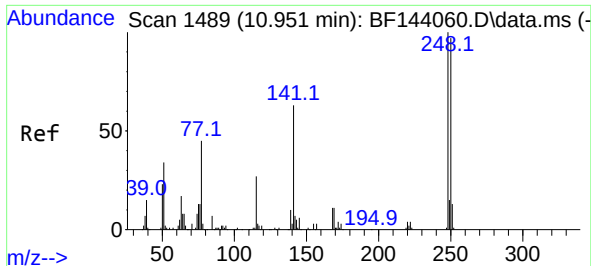
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#66
n-Nitrosodiphenylamine
Concen: 41.445 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

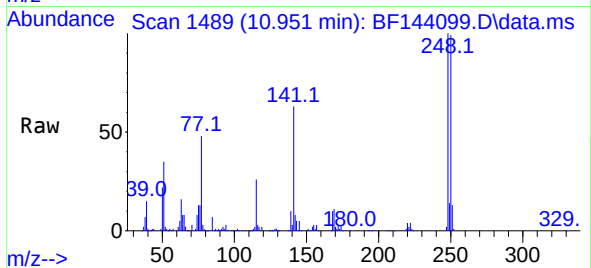
Tgt Ion:169 Resp: 460065
Ion Ratio Lower Upper
169 100
168 58.2 47.4 71.2
167 32.5 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 41.984 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

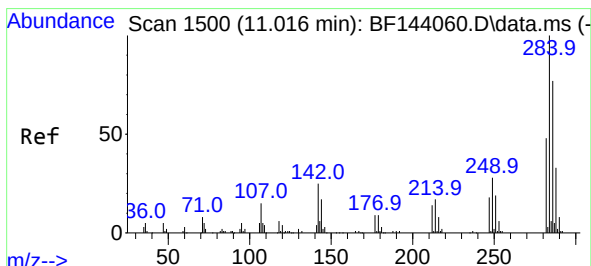
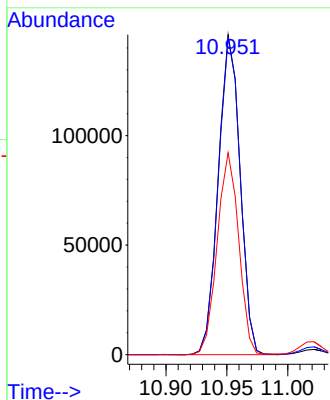
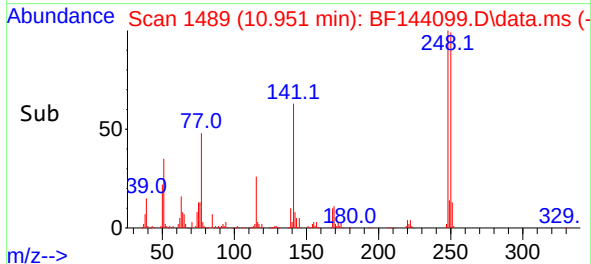
Instrument :
BNA_F
ClientSampleId :
PB170267BS



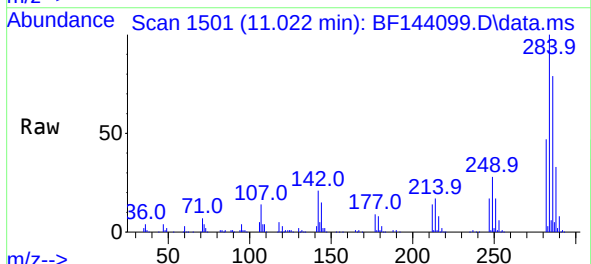
Tgt Ion:248 Resp: 182630
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 63.1 50.5 75.7

Manual Integrations
APPROVED

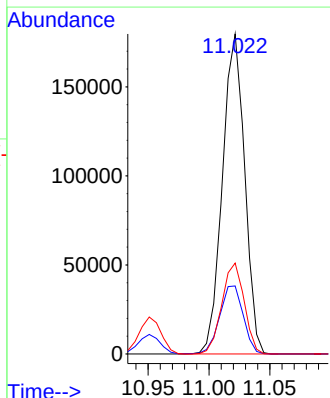
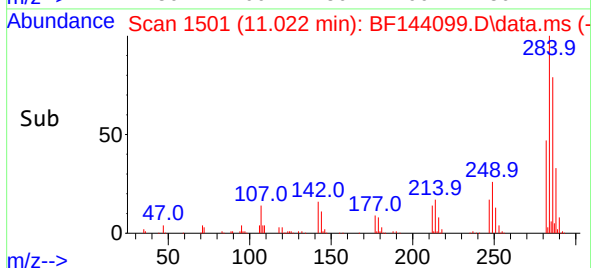
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

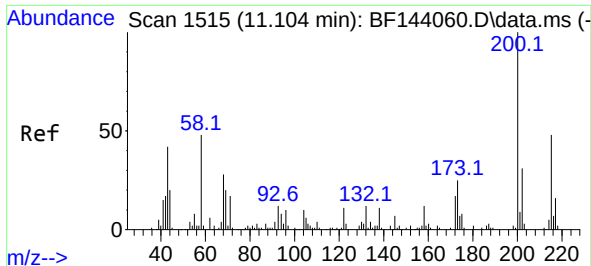


#68
Hexachlorobenzene
Concen: 42.918 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



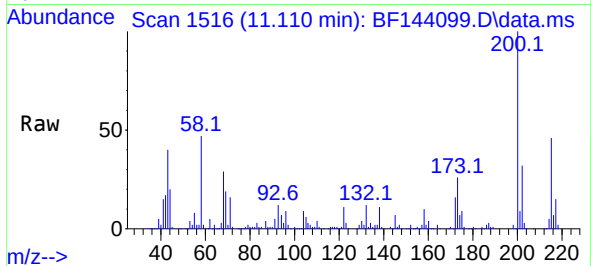
Tgt Ion:284 Resp: 228963
Ion Ratio Lower Upper
284 100
142 21.3 20.0 30.0
249 28.4 22.2 33.2





#69
Atrazine
Concen: 46.134 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

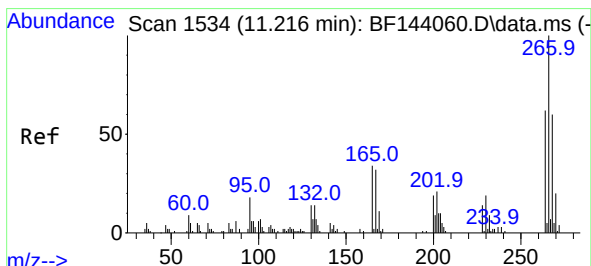
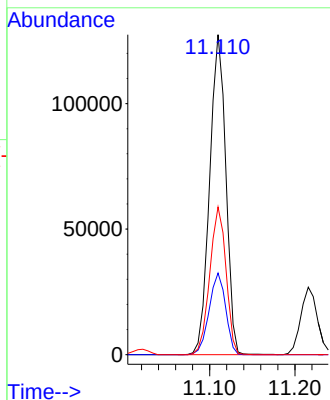
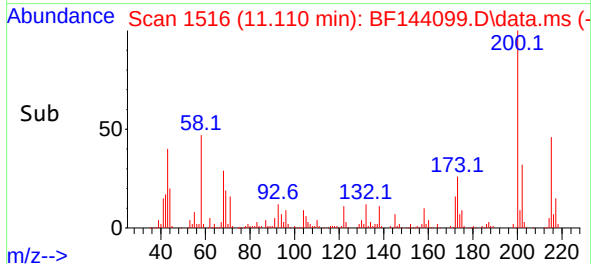
Instrument :
BNA_F
ClientSampleId :
PB170267BS



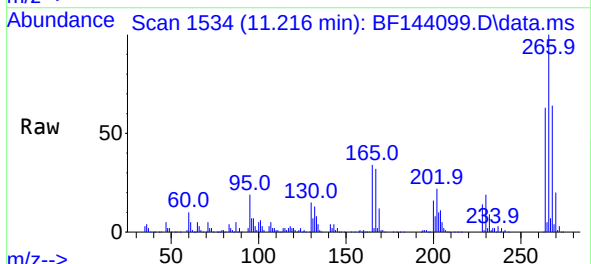
Tgt Ion:200 Resp: 16804
Ion Ratio Lower Upper
200 100
173 25.5 4.9 44.9
215 46.2 28.2 68.2

Manual Integrations
APPROVED

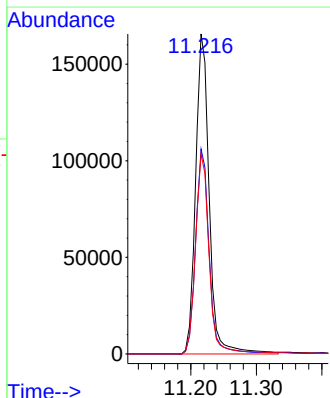
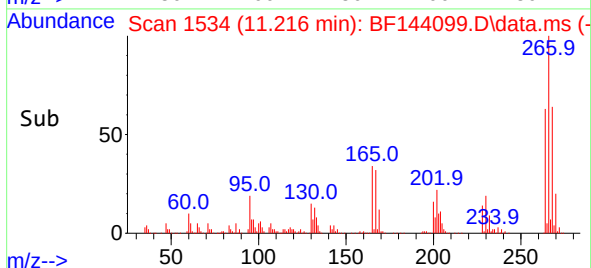
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

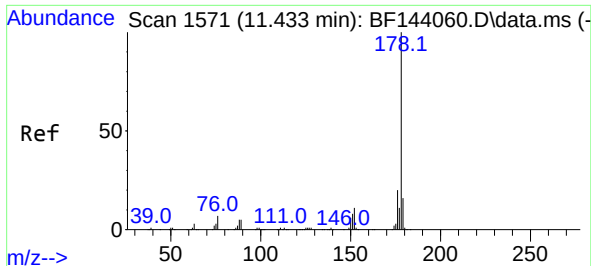


#70
Pentachlorophenol
Concen: 94.237 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion:266 Resp: 239310
Ion Ratio Lower Upper
266 100
268 64.0 48.2 72.4
264 62.5 49.4 74.0





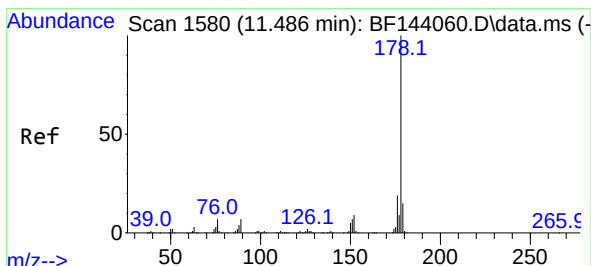
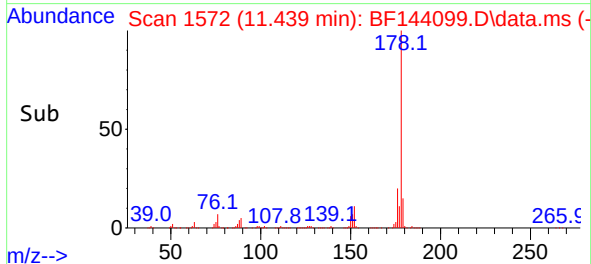
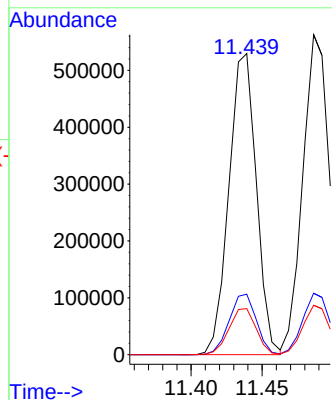
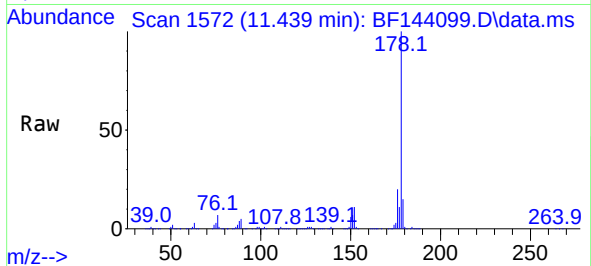
#71
Phenanthrene
Concen: 41.280 ng
RT: 11.439 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:178 Resp: 71243
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 15.3 12.6 18.8

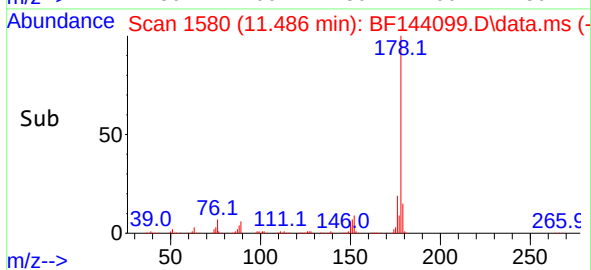
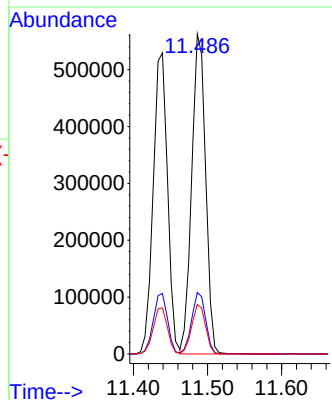
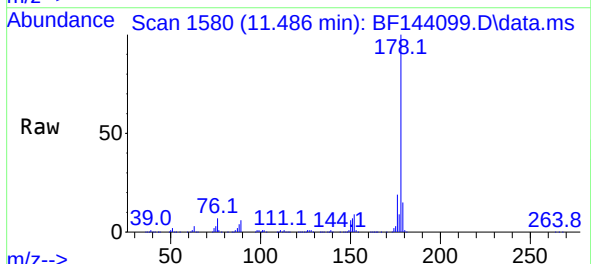
Manual Integrations
APPROVED

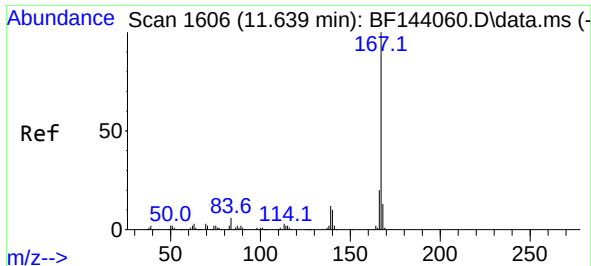
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#72
Anthracene
Concen: 41.128 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

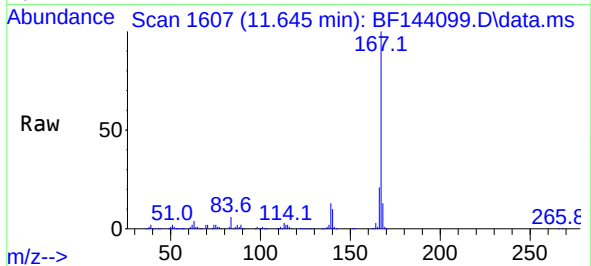
Tgt Ion:178 Resp: 733246
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.5 11.8 17.6





#73
Carbazole
Concen: 41.677 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

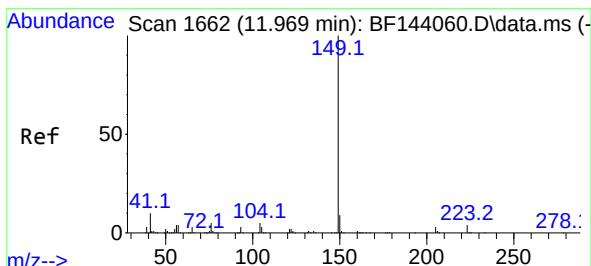
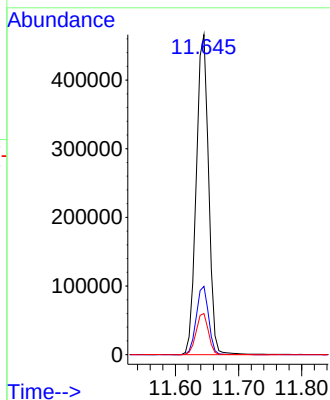
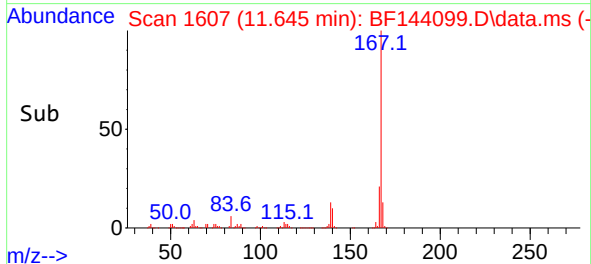
Instrument :
BNA_F
ClientSampleId :
PB170267BS



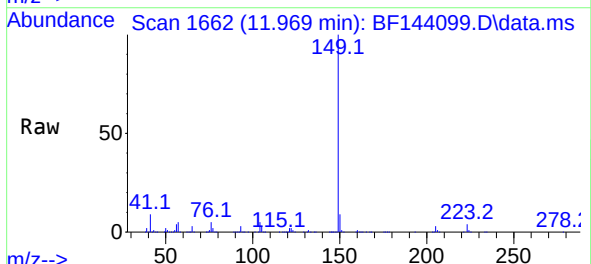
Tgt Ion:167 Resp: 63245
Ion Ratio Lower Upper
167 100
166 21.4 16.1 24.1
139 12.9 9.8 14.6

Manual Integrations
APPROVED

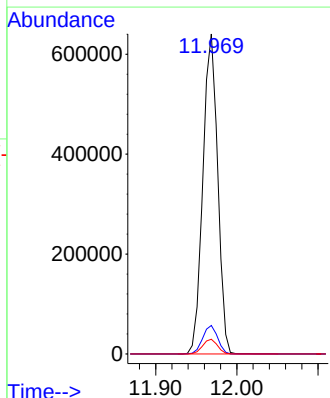
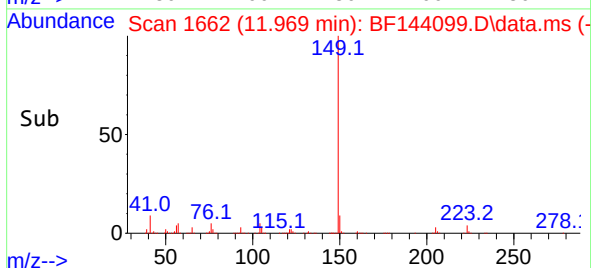
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

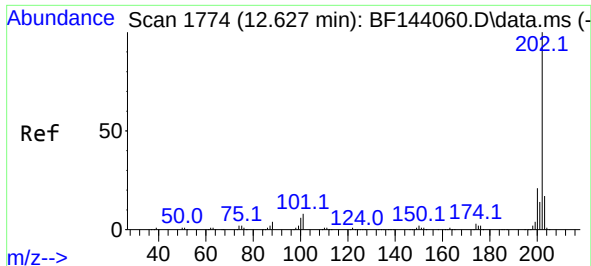


#74
Di-n-butylphthalate
Concen: 43.469 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



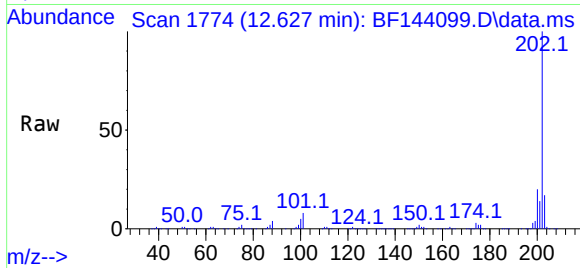
Tgt Ion:149 Resp: 808755
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 41.061 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

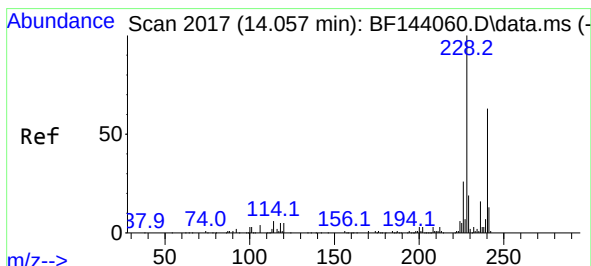
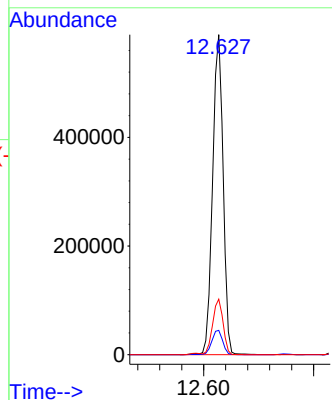
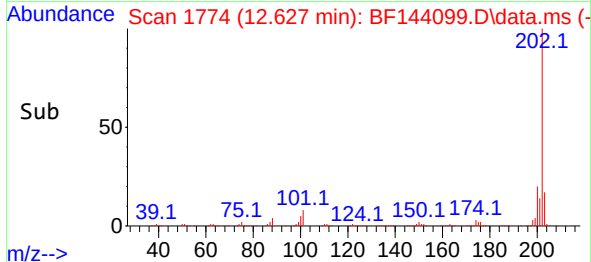
Instrument :
BNA_F
ClientSampleId :
PB170267BS



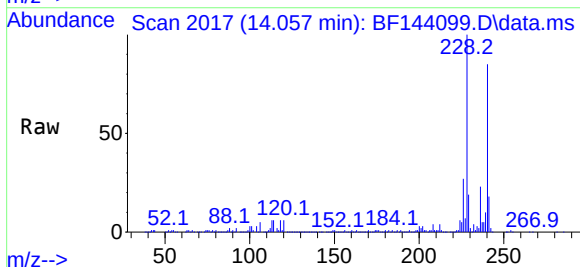
Tgt Ion:202 Resp: 782938
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.7
203 17.3 0.0 37.3

Manual Integrations
APPROVED

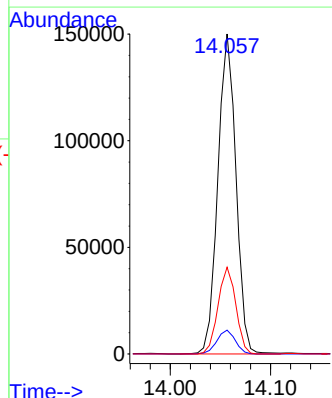
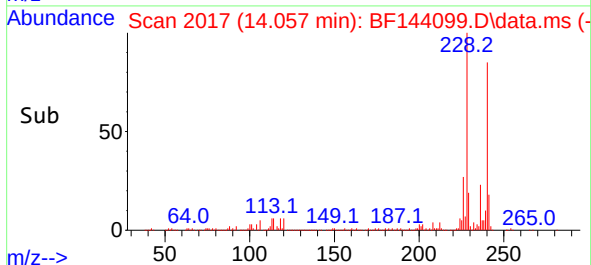
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

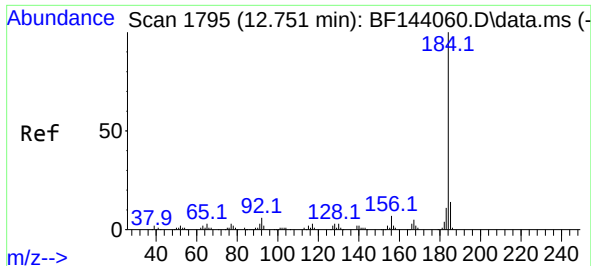


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



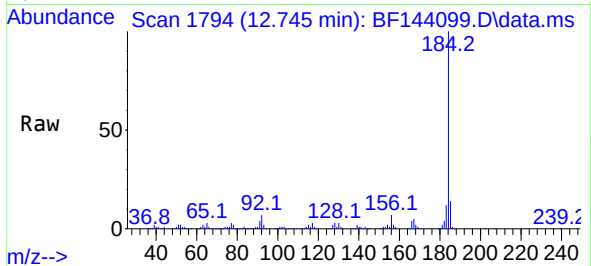
Tgt Ion:240 Resp: 187996
Ion Ratio Lower Upper
240 100
120 7.5 6.5 9.7
236 27.1 20.1 30.1





#77
Benzidine
Concen: 41.978 ng
RT: 12.745 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

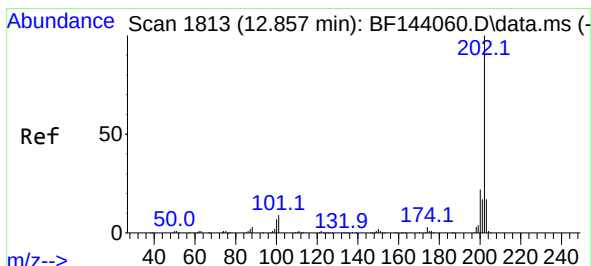
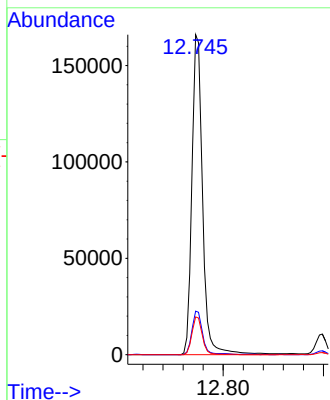
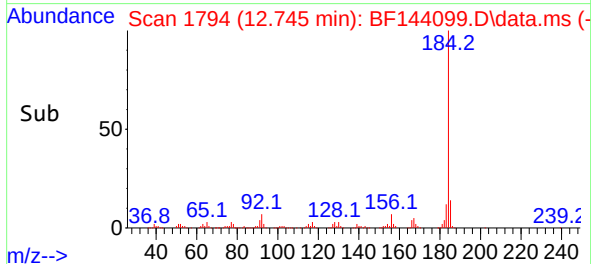
Instrument :
BNA_F
ClientSampleId :
PB170267BS



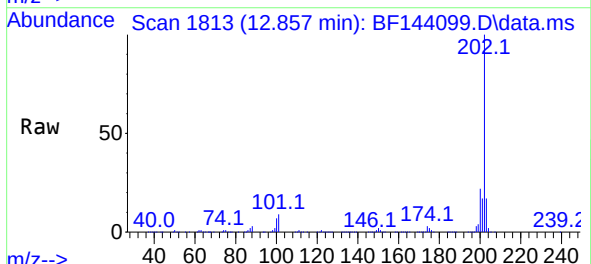
Tgt Ion:184 Resp: 245602
Ion Ratio Lower Upper
184 100
185 13.6 11.6 17.4
183 11.8 8.5 12.7

Manual Integrations
APPROVED

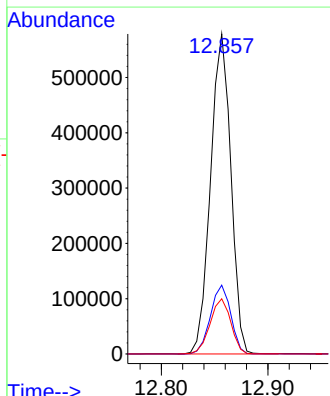
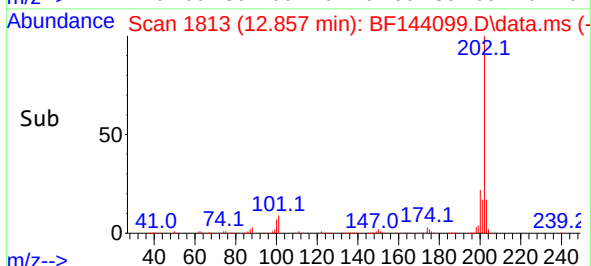
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

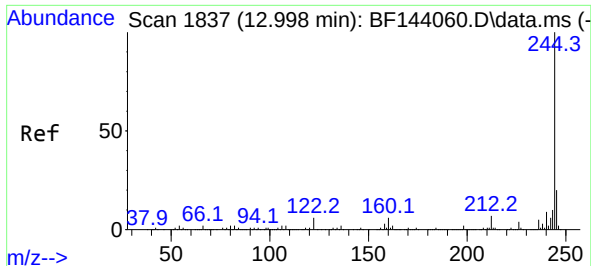


#78
Pyrene
Concen: 56.663 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion:202 Resp: 765832
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.2 13.5 20.3





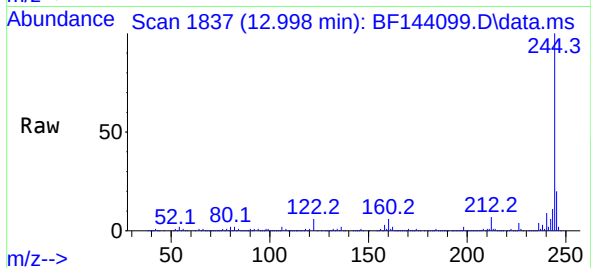
#79
 Terphenyl-d14
 Concen: 106.506 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS



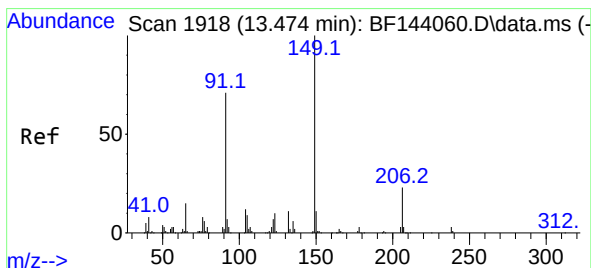
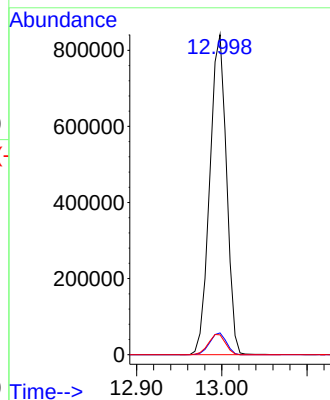
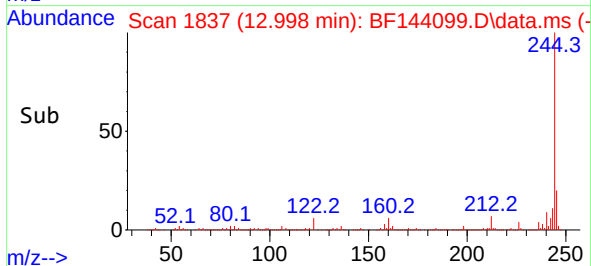
Tgt Ion:244 Resp: 1145319
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 6.2 4.9 7.3

Manual Integrations

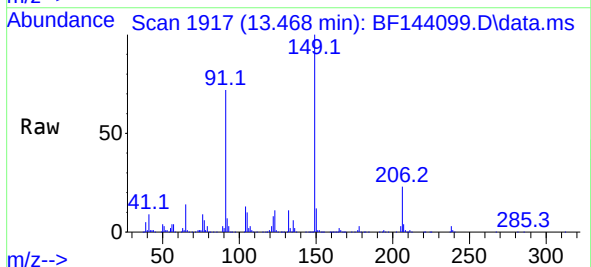
APPROVED

Reviewed By :Rahul Chavli 10/29/2025

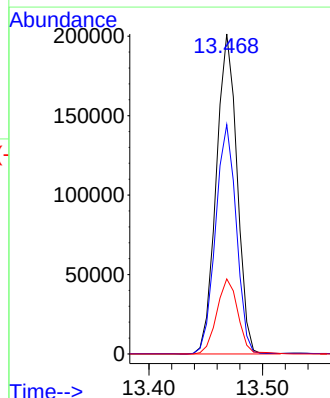
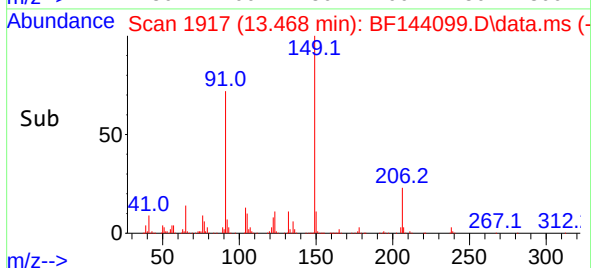
Supervised By :Jagrut Upadhyay 10/29/2025

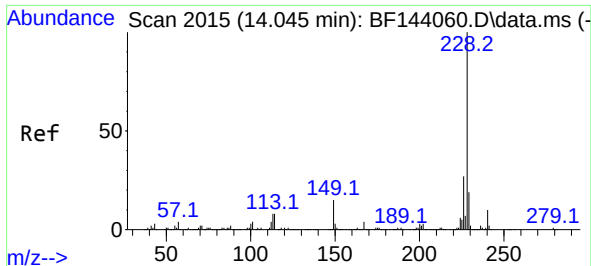


#80
 Butylbenzylphthalate
 Concen: 50.175 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16



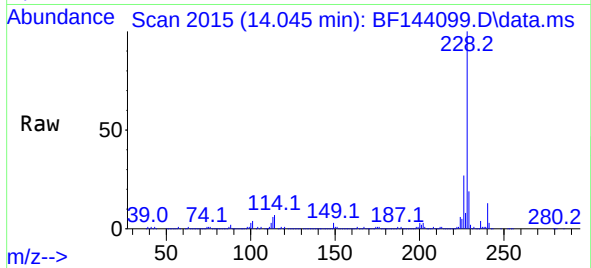
Tgt Ion:149 Resp: 256551
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.6 84.8
 206 23.4 18.3 27.5





#81
Benzo(a)anthracene
Concen: 45.009 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

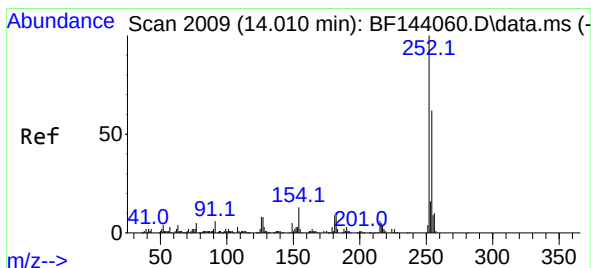
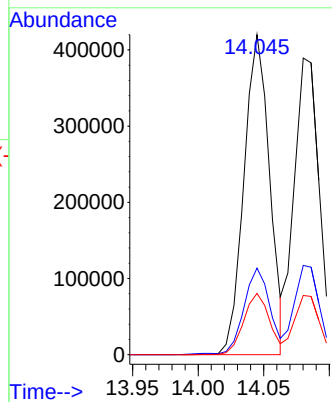
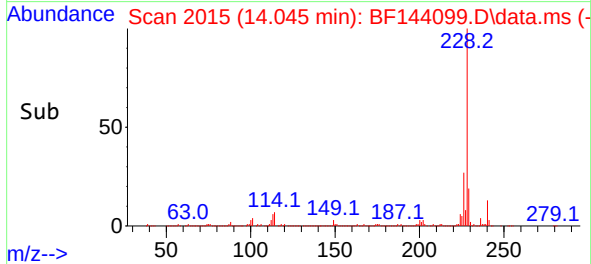
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion:228 Resp: 57183
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.2 15.3 22.9

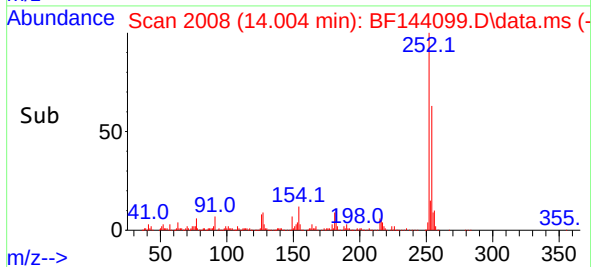
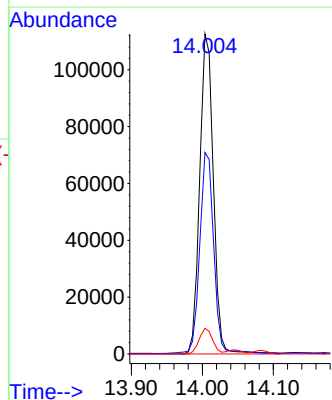
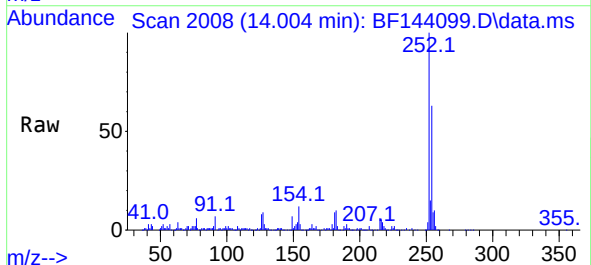
Manual Integrations
APPROVED

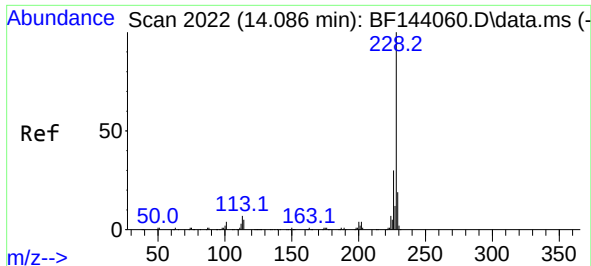
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 34.190 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

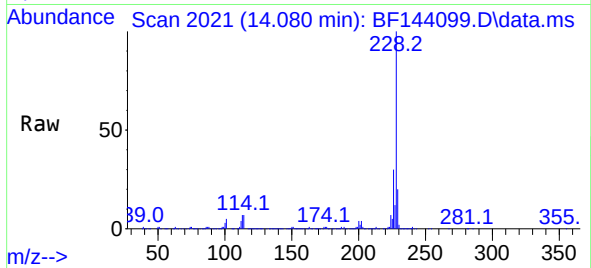
Tgt Ion:252 Resp: 151207
Ion Ratio Lower Upper
252 100
254 63.0 49.9 74.9
126 8.0 6.5 9.7





#83
Chrysene
Concen: 43.009 ng
RT: 14.080 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

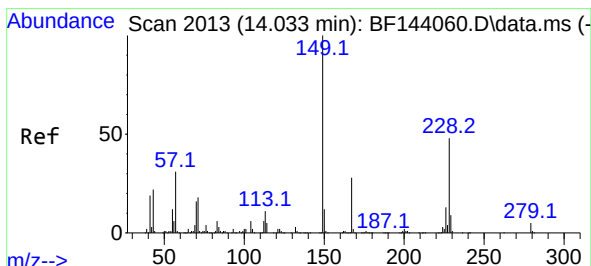
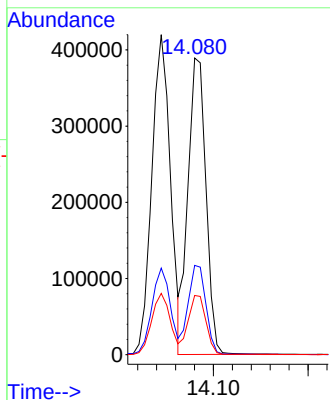
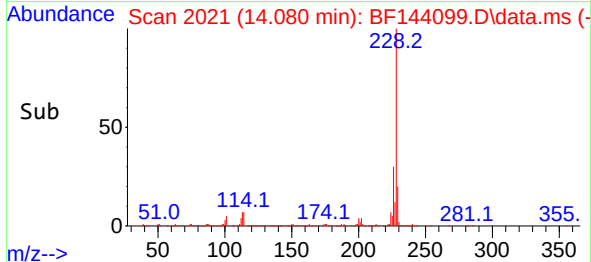
Instrument :
BNA_F
ClientSampleId :
PB170267BS



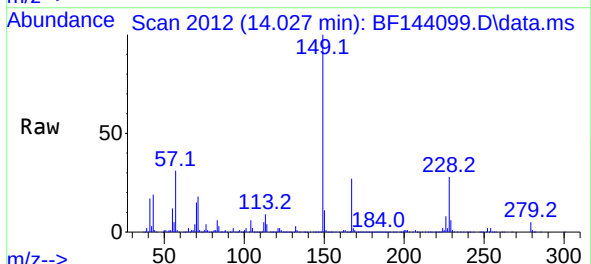
Tgt Ion:228 Resp: 512760
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.9 15.6 23.4

Manual Integrations
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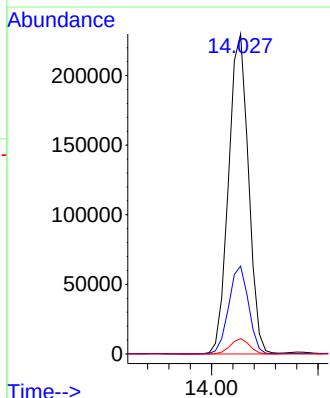
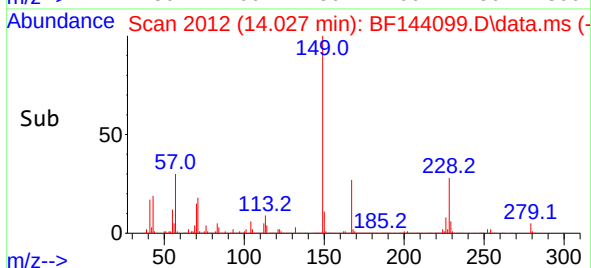
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

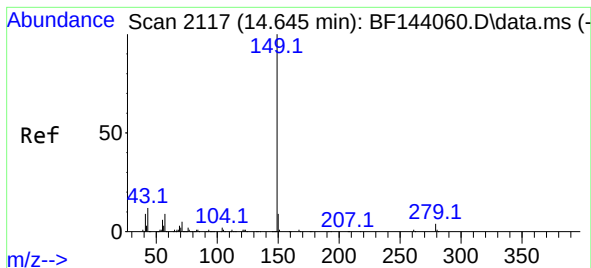


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.809 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



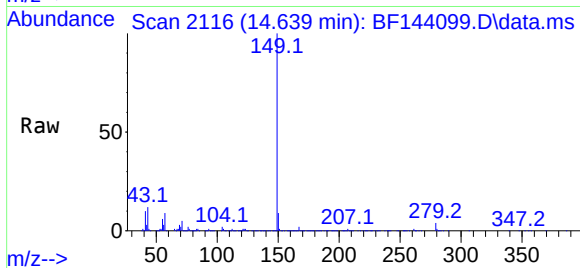
Tgt Ion:149 Resp: 298825
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 37.726 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

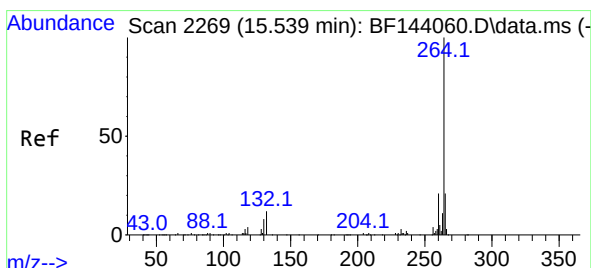
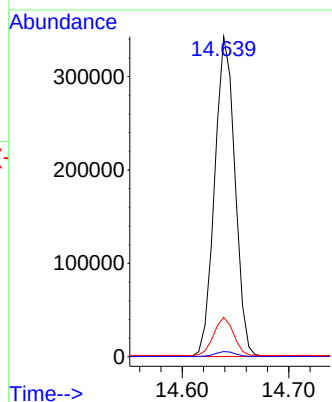
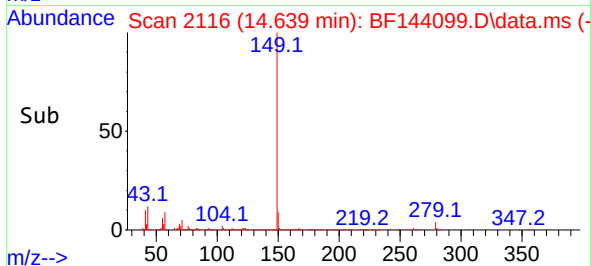
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion:149 Resp: 452875
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9

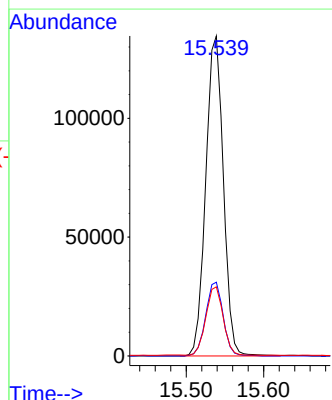
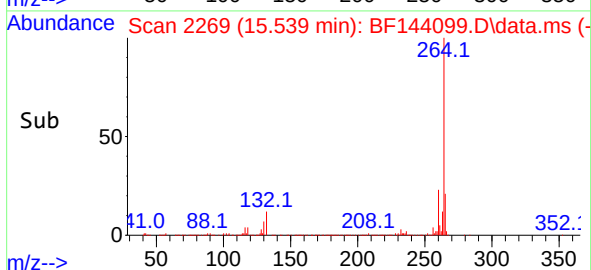
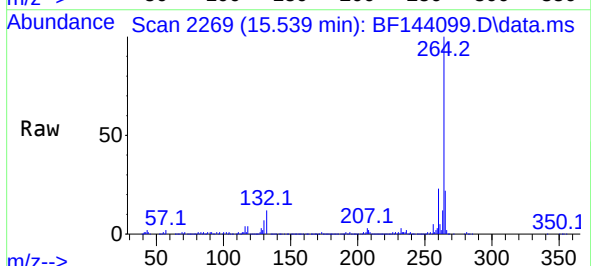
Manual Integrations
APPROVED

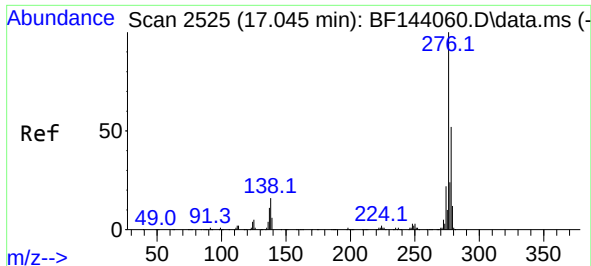
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

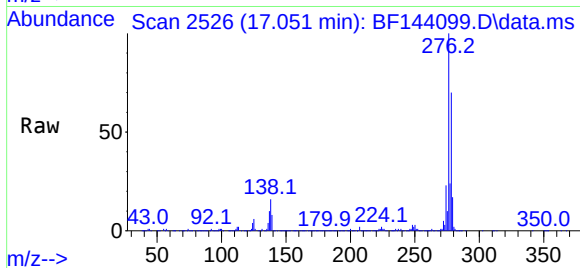
Tgt Ion:264 Resp: 212306
Ion Ratio Lower Upper
264 100
260 23.1 17.0 25.4
265 21.6 16.6 24.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.506 ng
RT: 17.051 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

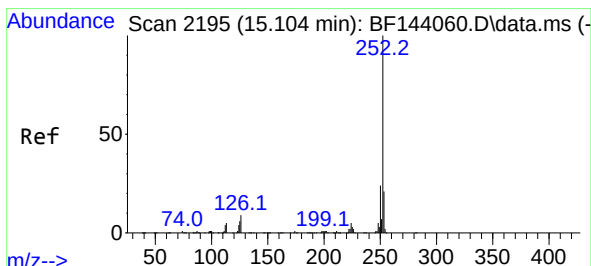
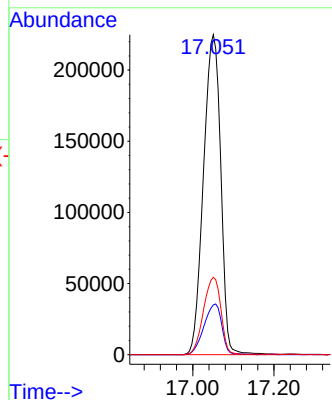
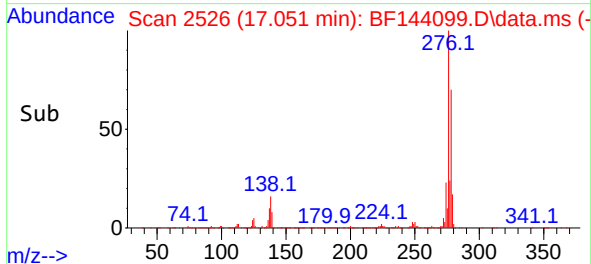
Instrument :
BNA_F
ClientSampleId :
PB170267BS



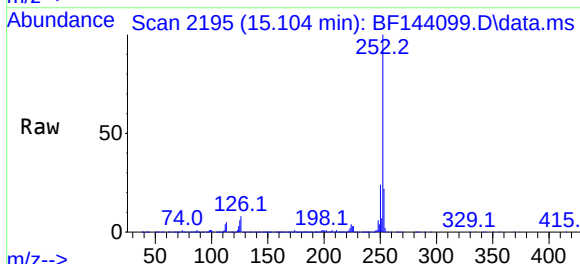
Tgt Ion:276 Resp: 663290
Ion Ratio Lower Upper
276 100
138 16.4 13.0 19.6
277 24.4 19.4 29.0

Manual Integrations
APPROVED

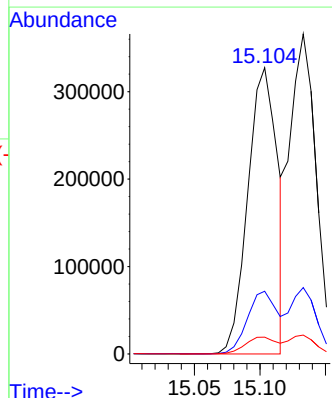
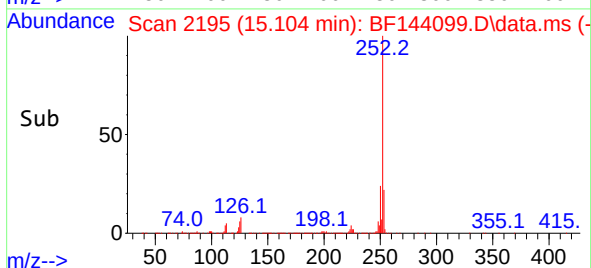
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025

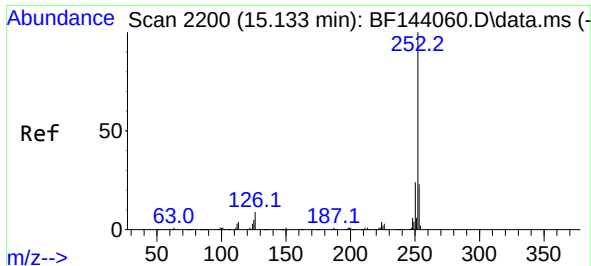


#88
Benzo(b)fluoranthene
Concen: 42.729 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



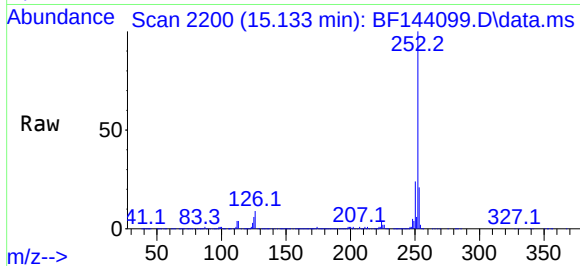
Tgt Ion:252 Resp: 512853
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 5.9 5.0 7.6





#89
Benzo(k)fluoranthene
Concen: 45.772 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

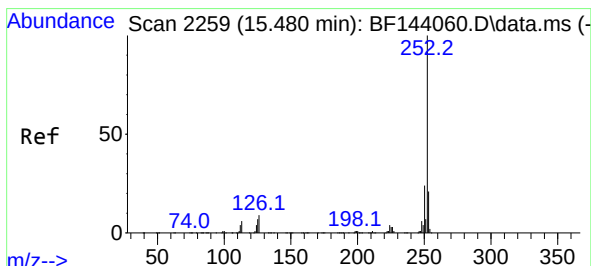
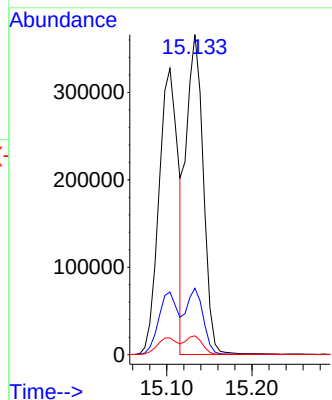
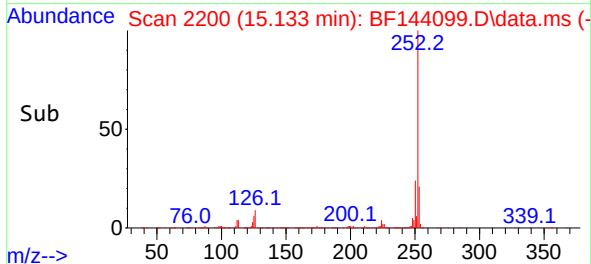
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion:252 Resp: 506870
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 5.9 4.9 7.3

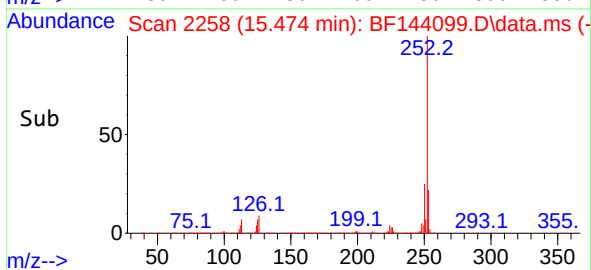
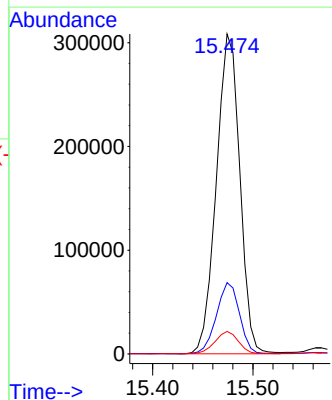
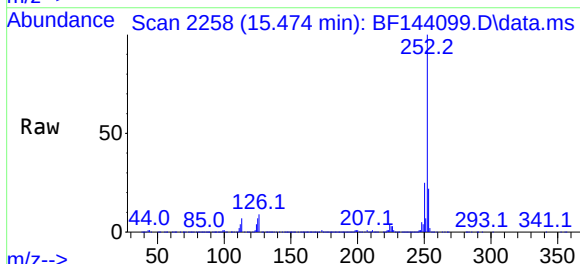
Manual Integrations
APPROVED

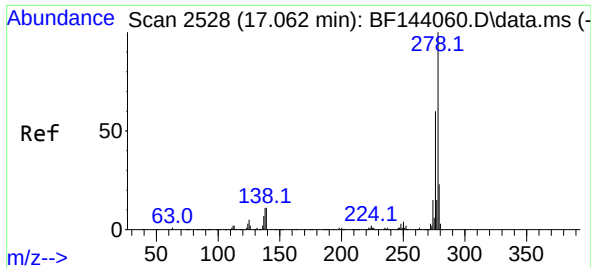
Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#90
Benzo(a)pyrene
Concen: 46.371 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

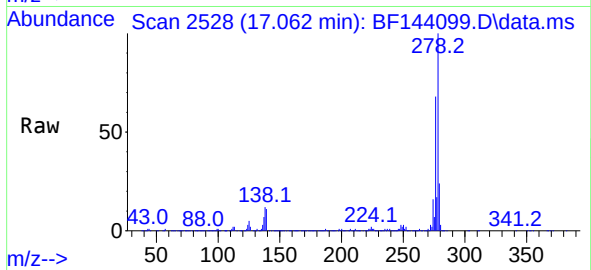
Tgt Ion:252 Resp: 499311
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 7.0 5.4 8.2





#91
Dibenzo(a,h)anthracene
Concen: 45.912 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

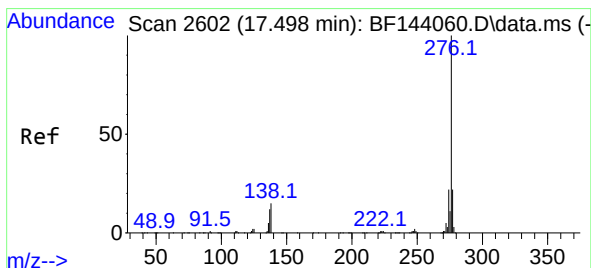
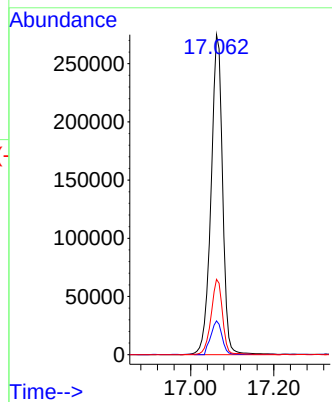
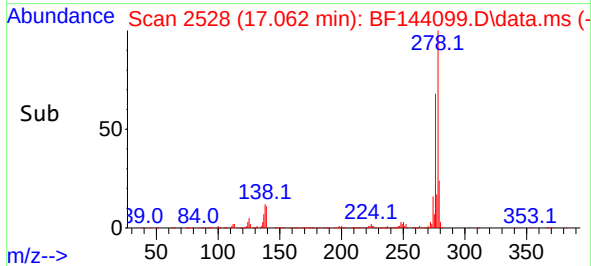
Instrument :
BNA_F
ClientSampleId :
PB170267BS



Tgt Ion:278 Resp: 529734
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 23.6 18.6 28.0

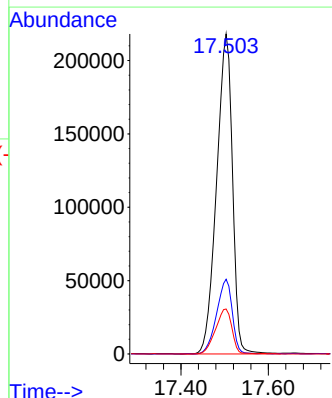
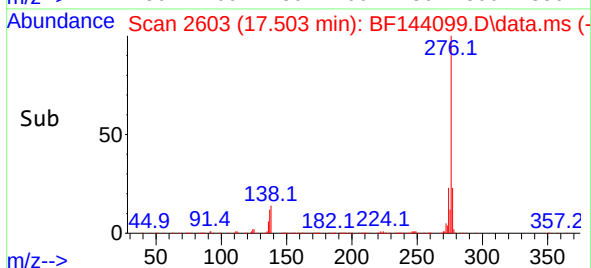
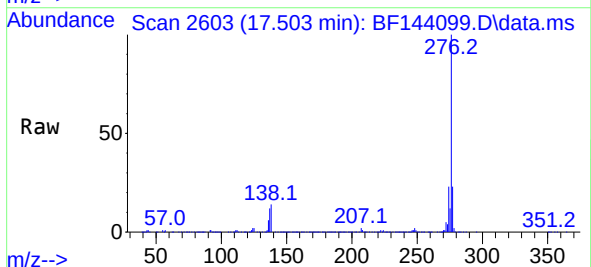
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/29/2025
Supervised By :Jagrut Upadhyay 10/29/2025



#92
Benzo(g,h,i)perylene
Concen: 47.204 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:276 Resp: 547573
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 14.1 12.0 18.0



Report of Analysis

Client: Weston Solutions, Inc.
 Project: RFP 905
 Client Sample ID: TP-8MS
 Lab Sample ID: Q3427-04MS
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 100 mL Final Vol: 1000 uL
 Prep Method: SW3510C Prep Date: 10/27/25

Date Collected: 10/21/25
 Date Received: 10/22/25
 SDG No.: Q3447
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	300		1	12.8	50.0	ug/L	10/29/25 14:33	PB170267
106-46-7	1,4-Dichlorobenzene	460		1	5.30	50.0	ug/L	10/29/25 14:33	PB170267
95-48-7	2-Methylphenol	500		1	11.2	50.0	ug/L	10/29/25 14:33	PB170267
65794-96-9	3+4-Methylphenols	490		1	11.0	100	ug/L	10/29/25 14:33	PB170267
67-72-1	Hexachloroethane	430		1	6.50	50.0	ug/L	10/29/25 14:33	PB170267
98-95-3	Nitrobenzene	470		1	7.60	50.0	ug/L	10/29/25 14:33	PB170267
87-68-3	Hexachlorobutadiene	430		1	5.40	50.0	ug/L	10/29/25 14:33	PB170267
88-06-2	2,4,6-Trichlorophenol	480		1	5.10	50.0	ug/L	10/29/25 14:33	PB170267
95-95-4	2,4,5-Trichlorophenol	500		1	6.20	50.0	ug/L	10/29/25 14:33	PB170267
121-14-2	2,4-Dinitrotoluene	550		1	12.2	50.0	ug/L	10/29/25 14:33	PB170267
118-74-1	Hexachlorobenzene	460		1	5.20	50.0	ug/L	10/29/25 14:33	PB170267
87-86-5	Pentachlorophenol	1000	E	1	15.8	100	ug/L	10/29/25 14:33	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	132			23 - 138	88%	SPK: 150		
13127-88-3	Phenol-d6	128			10 - 134	85%	SPK: 150		
4165-60-0	Nitrobenzene-d5	95.9			67 - 132	96%	SPK: 100		
321-60-8	2-Fluorobiphenyl	90.8			52 - 132	91%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	151			44 - 137	101%	SPK: 150		
1718-51-0	Terphenyl-d14	103			42 - 152	103%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	59300							
1146-65-2	Naphthalene-d8	229000							
15067-26-2	Acenaphthene-d10	133000							
1517-22-2	Phenanthrene-d10	236000							
1719-03-5	Chrysene-d12	146000							
1520-96-3	Perylene-d12	194000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144127.D
 Acq On : 29 Oct 2025 14:33
 Operator : RC/JU
 Sample : Q3427-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025

Quant Time: Oct 29 14:53:51 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 17:30:25 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59277	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	229063	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132788	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	236318	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145719	20.000	ng	0.00
86) Perylene-d12	15.539	264	194108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	494181	131.897	ng	0.02
7) Phenol-d6	6.510	99	528418	127.704	ng	0.00
23) Nitrobenzene-d5	7.445	82	401095	95.934	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	255935	151.310	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	856913	90.811	ng	0.00
79) Terphenyl-d14	12.992	244	855482	102.634	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.793	88	63223	39.050	ng	# 76
3) Pyridine	3.516	79	128815	29.719	ng	100
4) n-Nitrosodimethylamine	3.457	42	118968	44.668	ng	92
6) Aniline	6.545	93	61355	10.364	ng	95
8) 2-Chlorophenol	6.663	128	174548	47.306	ng	99
9) Benzaldehyde	6.434	77	7236	2.252	ng	98
10) Phenol	6.528	94	203069	39.779	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	180621	48.965	ng	97
12) 1,3-Dichlorobenzene	6.822	146	201243	44.215	ng	98
13) 1,4-Dichlorobenzene	6.898	146	206250	45.981	ng	98
14) 1,2-Dichlorobenzene	7.045	146	195189	44.973	ng	98
15) Benzyl Alcohol	7.022	79	169666	50.428	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	334193	48.205	ng	94
17) 2-Methylphenol	7.134	107	141762	49.954	ng	98
18) Hexachloroethane	7.392	117	69063	43.065	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	140902	52.658	ng	93
20) 3+4-Methylphenols	7.287	107	164615	49.069	ng	# 73
22) Acetophenone	7.287	105	264741	53.479	ng	97
24) Nitrobenzene	7.463	77	208006	47.030	ng	99
25) Isophorone	7.698	82	374495	51.233	ng	99
26) 2-Nitrophenol	7.775	139	101895	48.429	ng	96
27) 2,4-Dimethylphenol	7.810	122	167563	53.591	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	227803	49.974	ng	99
29) 2,4-Dichlorophenol	8.022	162	179559	49.382	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181601	48.547	ng	98
31) Naphthalene	8.181	128	502686	46.497	ng	99
32) Benzoic acid	7.945	122	125796	63.428	ng	# 82
33) 4-Chloroaniline	8.234	127	15080	4.007	ng	# 91
34) Hexachlorobutadiene	8.298	225	132182	43.214	ng	97
35) Caprolactam	8.598	113	47527m	52.123	ng	
36) 4-Chloro-3-methylphenol	8.716	107	167327	52.147	ng	96
37) 2-Methylnaphthalene	8.875	142	324013	45.457	ng	99
38) 1-Methylnaphthalene	8.975	142	325313	48.173	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	218705	47.923	ng	100
41) Hexachlorocyclopentadiene	9.028	237	155525	110.337	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	142412	48.009	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144127.D
 Acq On : 29 Oct 2025 14:33
 Operator : RC/JU
 Sample : Q3427-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Quant Time: Oct 29 14:53:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	156505	50.272	ng	95
46) 1,1'-Biphenyl	9.339	154	483342	50.848	ng	99
47) 2-Chloronaphthalene	9.363	162	366750	46.054	ng	98
48) 2-Nitroaniline	9.463	65	114659	48.487	ng	94
49) Acenaphthylene	9.780	152	573512	53.411	ng	99
50) Dimethylphthalate	9.639	163	460072	52.858	ng	100
51) 2,6-Dinitrotoluene	9.704	165	95603	55.561	ng	91
52) Acenaphthene	9.951	154	367541	51.253	ng	98
53) 3-Nitroaniline	9.875	138	12769	6.675	ng	98
54) 2,4-Dinitrophenol	9.986	184	99111	106.495	ng	94
55) Dibenzofuran	10.128	168	492747	49.495	ng	97
56) 4-Nitrophenol	10.039	139	115546	89.192	ng	93
57) 2,4-Dinitrotoluene	10.110	165	126570	54.501	ng	96
58) Fluorene	10.469	166	374720	49.399	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123393	56.246	ng	99
60) Diethylphthalate	10.339	149	424395	51.848	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	209744	49.168	ng	98
62) 4-Nitroaniline	10.486	138	76357	42.124	ng	94
63) Azobenzene	10.622	77	389507	50.276	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	76133	50.214	ng	98
66) n-Nitrosodiphenylamine	10.580	169	354837	46.995	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	144960	48.992	ng	99
68) Hexachlorobenzene	11.016	284	168631	46.470	ng	98
69) Atrazine	11.104	200	65513	26.442	ng	98
70) Pentachlorophenol	11.216	266	176284	102.057	ng	97
71) Phenanthrene	11.433	178	554570	47.241	ng	99
72) Anthracene	11.486	178	566042	46.677	ng	99
73) Carbazole	11.639	167	457341	44.308	ng	99
74) Di-n-butylphthalate	11.969	149	610796	48.265	ng	100
75) Fluoranthene	12.621	202	546179	42.112	ng	99
77) Benzidine	12.757	184	12368	2.727	ng	# 81
78) Pyrene	12.857	202	535929	51.157	ng	100
80) Butylbenzylphthalate	13.468	149	214991	54.245	ng	97
81) Benzo(a)anthracene	14.045	228	503316	51.110	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	31500	9.189	ng	98
83) Chrysene	14.080	228	467481	50.587	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	279617	51.679	ng	100
85) Di-n-octyl phthalate	14.639	149	490030	52.664	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	539806	40.506	ng	99
88) Benzo(b)fluoranthene	15.104	252	526302	47.961	ng	99
89) Benzo(k)fluoranthene	15.133	252	537075	53.047	ng	100
90) Benzo(a)pyrene	15.474	252	515620	52.375	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	446846	42.359	ng	99
92) Benzo(g,h,i)perylene	17.498	276	396078	37.345	ng	98

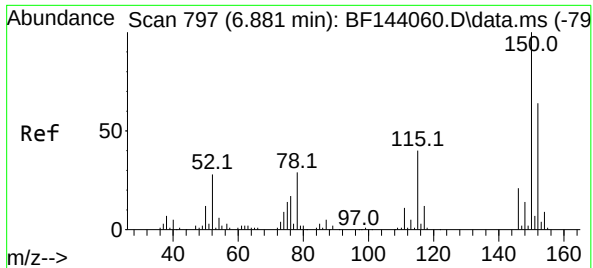
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Manual Integrations APPROVED

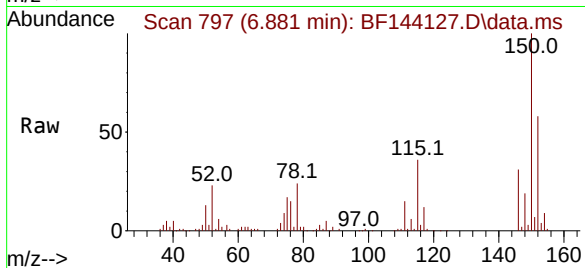
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jaagrut Upadhyay 10/30/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

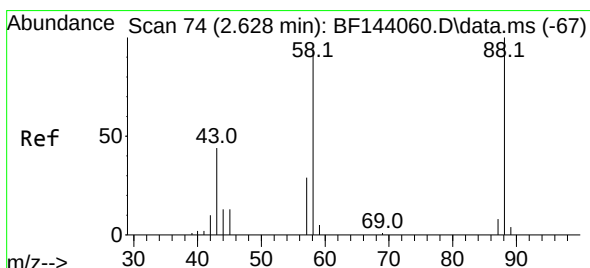
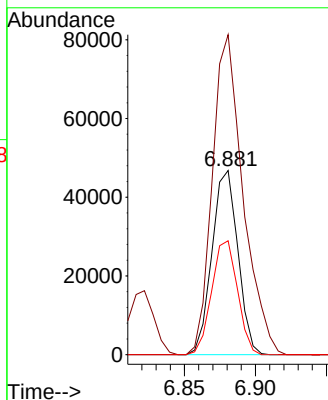
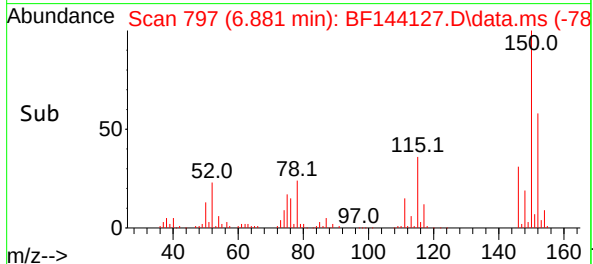
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:152 Resp: 5927
Ion Ratio Lower Upper
152 100
150 173.8 124.4 186.6
115 61.9 49.4 74.0

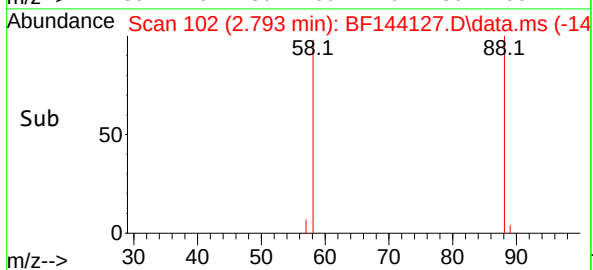
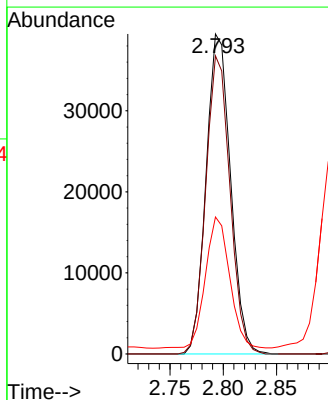
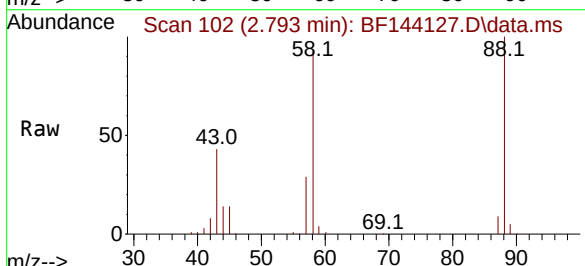
Manual Integrations
APPROVED

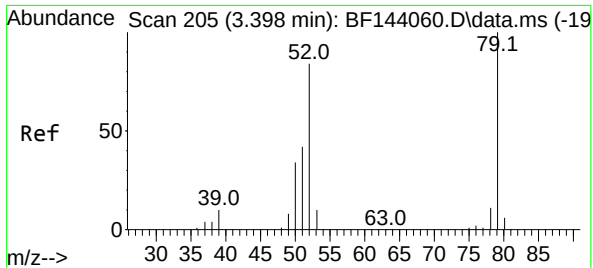
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#2
1,4-Dioxane
Concen: 39.050 ng
RT: 2.793 min Scan# 102
Delta R.T. 0.165 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion: 88 Resp: 63223
Ion Ratio Lower Upper
88 100
58 92.1 76.5 114.7
43 0.0 35.3 52.9#





#3

Pyridine

Concen: 29.719 ng

RT: 3.516 min Scan# 21

Delta R.T. 0.118 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 79 Resp: 12881

Ion Ratio Lower Upper

79 100

52 84.0 67.5 101.3

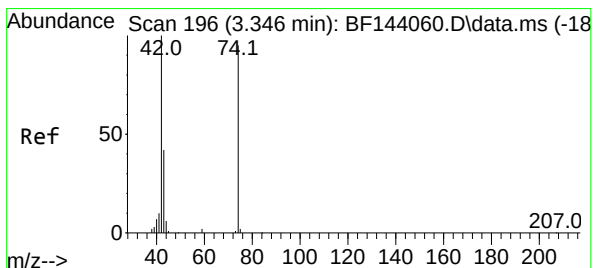
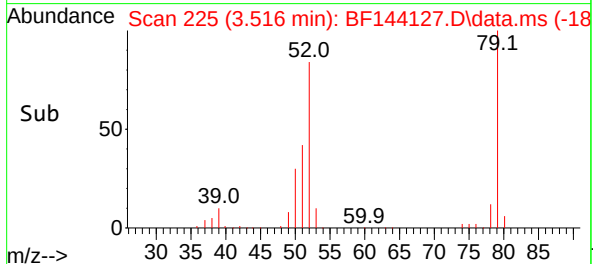
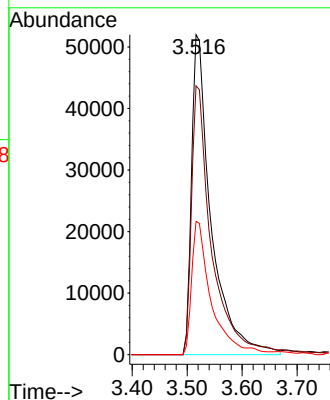
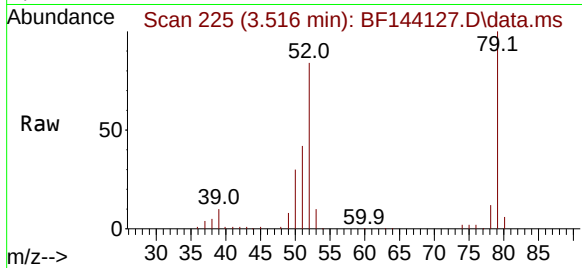
51 41.6 33.6 50.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#4

n-Nitrosodimethylamine

Concen: 44.668 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.112 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

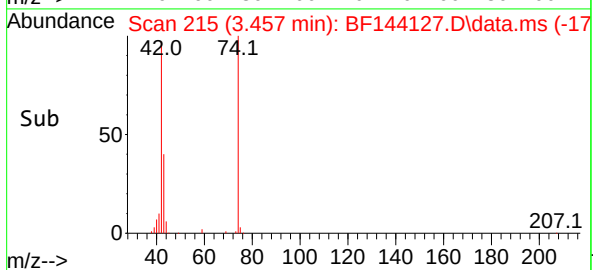
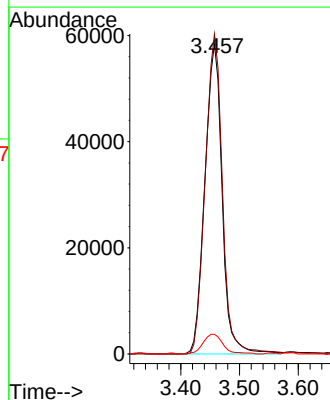
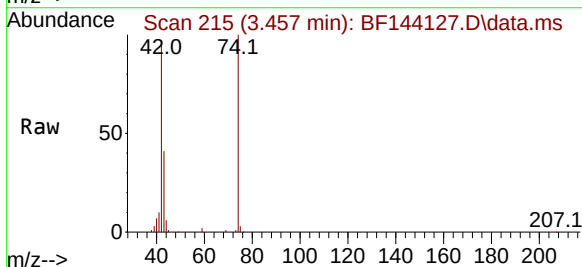
Tgt Ion: 42 Resp: 118968

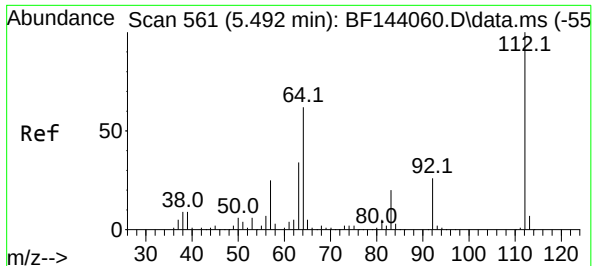
Ion Ratio Lower Upper

42 100

74 103.3 76.4 114.6

44 6.3 5.2 7.8





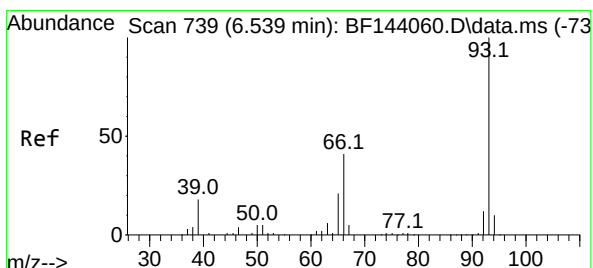
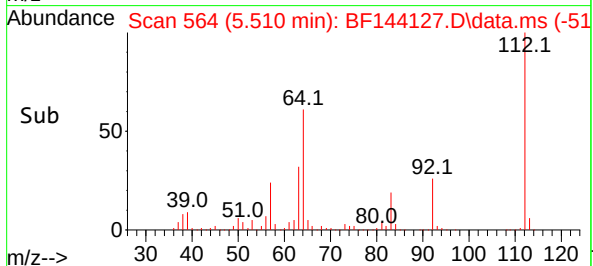
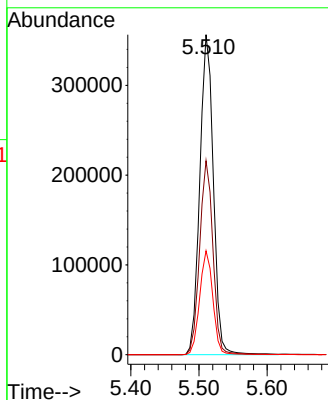
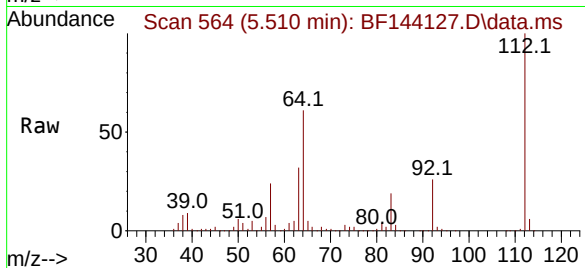
#5
2-Fluorophenol
Concen: 131.897 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:112 Resp: 49418
Ion Ratio Lower Upper
112 100
64 60.6 49.8 74.8
63 32.4 27.4 41.2

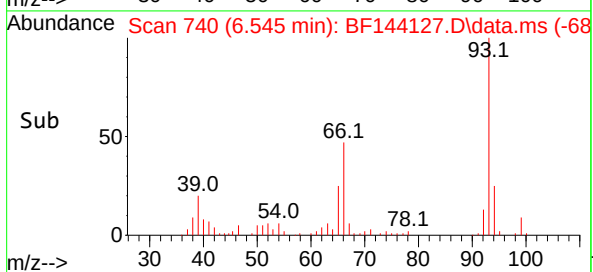
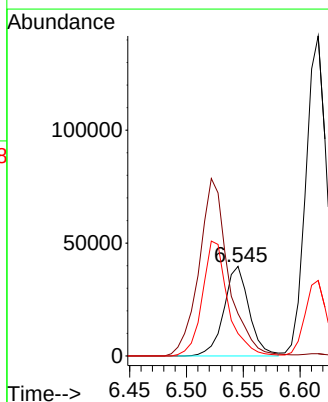
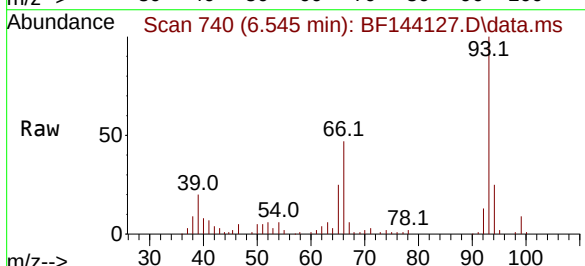
Manual Integrations
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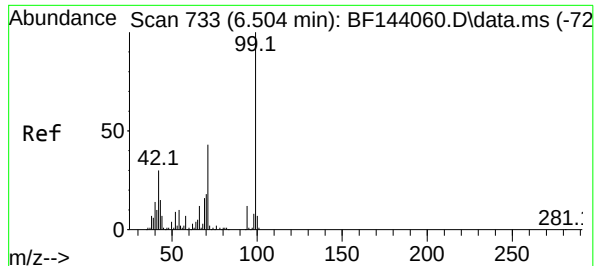
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#6
Aniline
Concen: 10.364 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

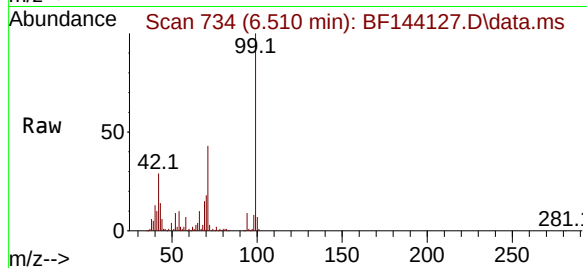
Tgt Ion: 93 Resp: 61355
Ion Ratio Lower Upper
93 100
66 47.1 35.7 53.5
65 24.9 17.0 25.6





#7
Phenol-d6
Concen: 127.704 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

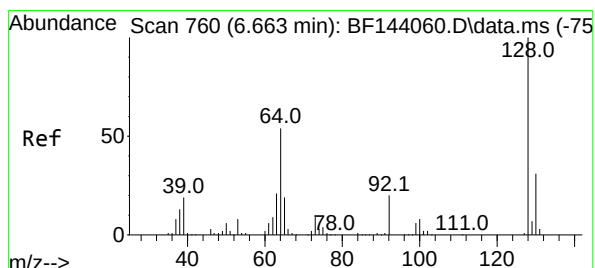
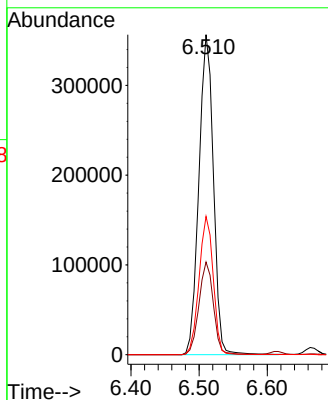
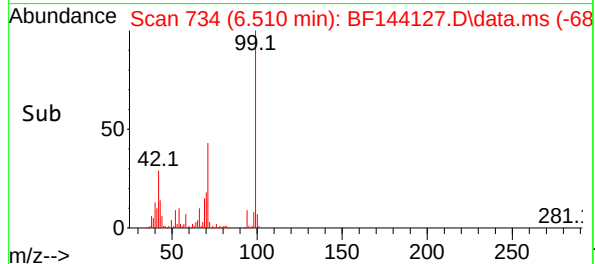
Instrument :
BNA_F
ClientSampleId :
TP-8MS



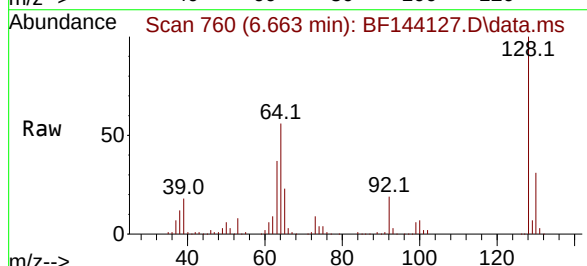
Tgt Ion: 99 Resp: 528418
Ion Ratio Lower Upper
99 100
42 29.0 23.9 35.9
71 43.2 34.4 51.6

Manual Integrations
APPROVED

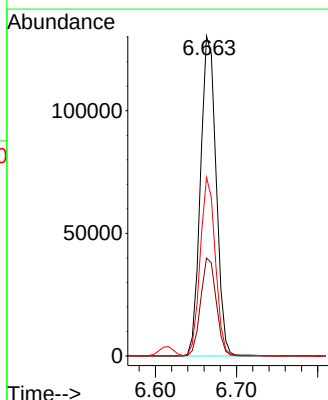
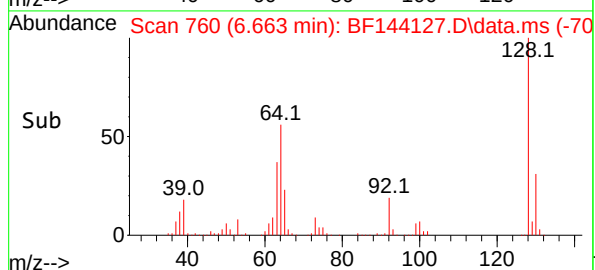
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

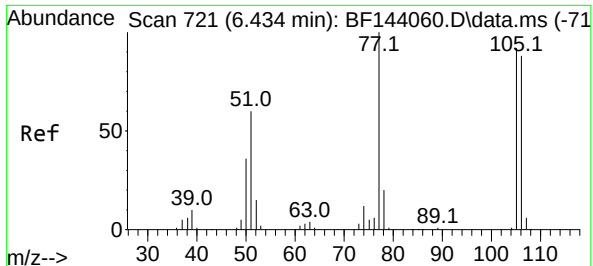


#8
2-Chlorophenol
Concen: 47.306 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:128 Resp: 174548
Ion Ratio Lower Upper
128 100
130 30.6 10.7 50.7
64 55.8 34.7 74.7





#9

Benzaldehyde

Concen: 2.252 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 77 Resp: 7230

Ion Ratio Lower Upper

77 100

105 89.5 72.2 112.2

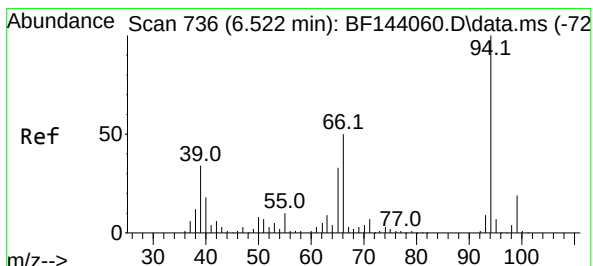
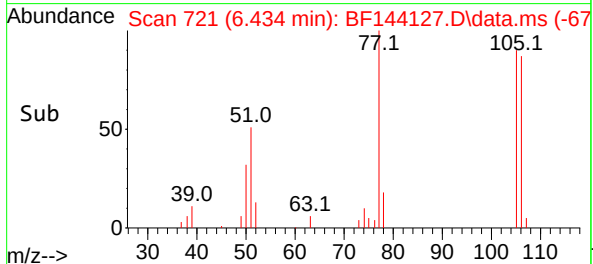
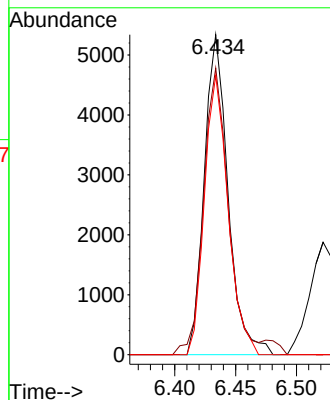
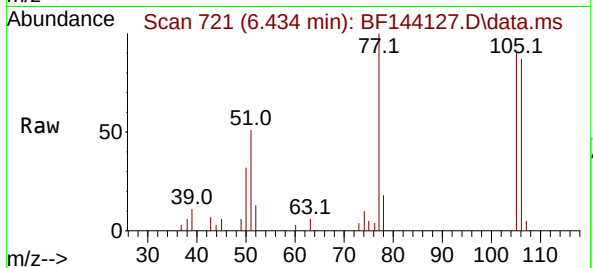
106 87.2 67.9 107.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#10

Phenol

Concen: 39.779 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

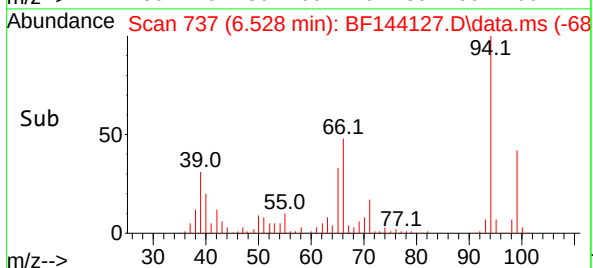
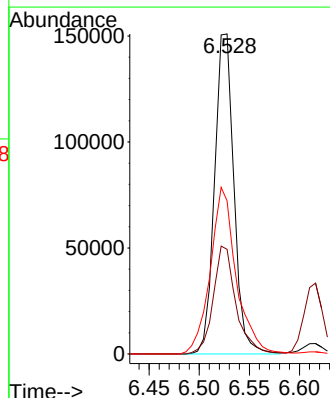
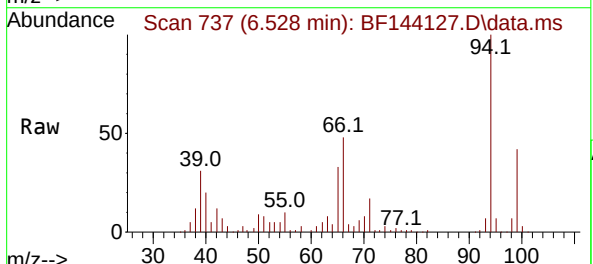
Tgt Ion: 94 Resp: 203069

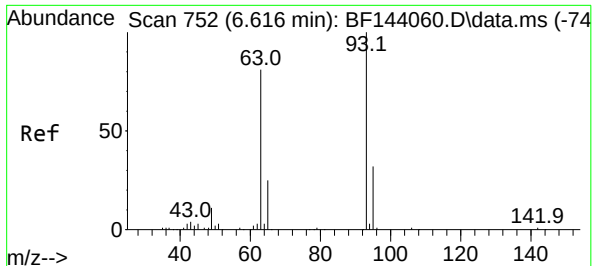
Ion Ratio Lower Upper

94 100

65 32.7 13.1 53.1

66 47.8 30.6 70.6





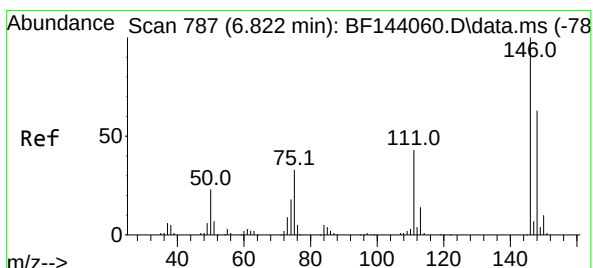
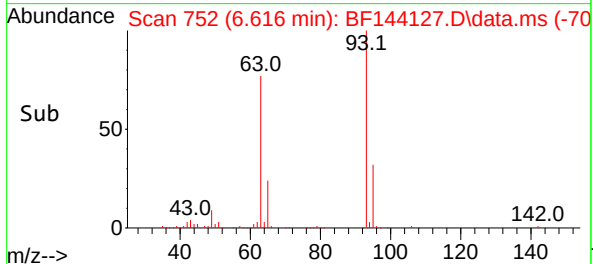
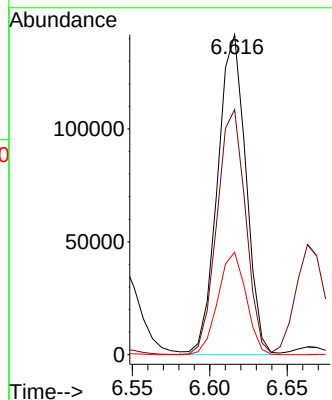
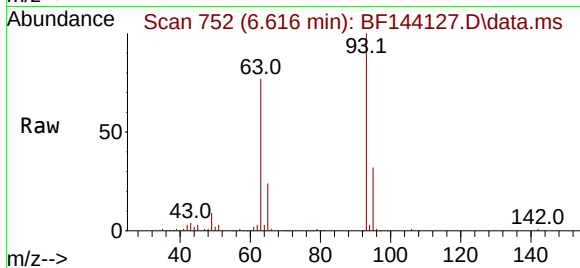
#11
bis(2-Chloroethyl)ether
Concen: 48.965 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion: 93 Resp: 18062
Ion Ratio Lower Upper
93 100
63 76.6 60.2 100.2
95 32.0 12.4 52.4

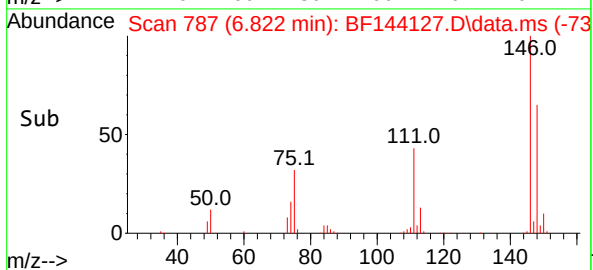
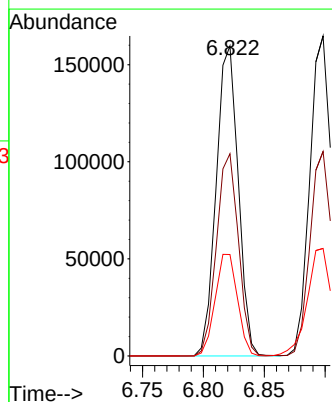
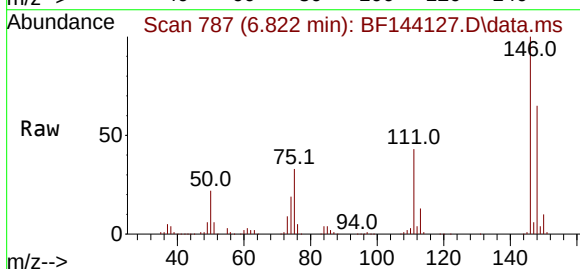
Manual Integrations
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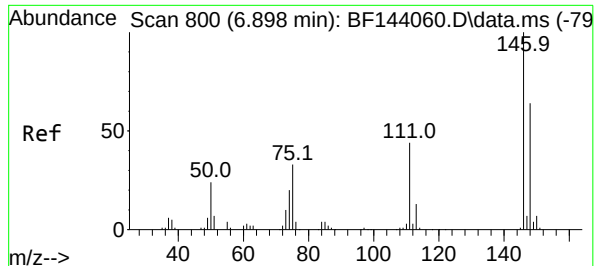
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#12
1,3-Dichlorobenzene
Concen: 44.215 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:146 Resp: 201243
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
75 32.7 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 45.981 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:146 Resp: 206250

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

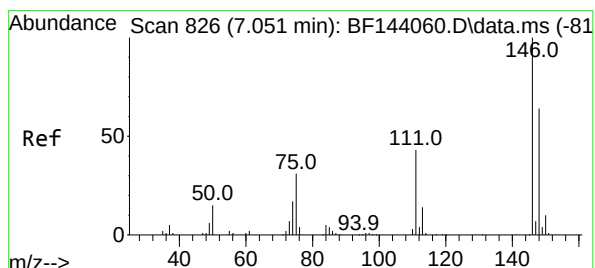
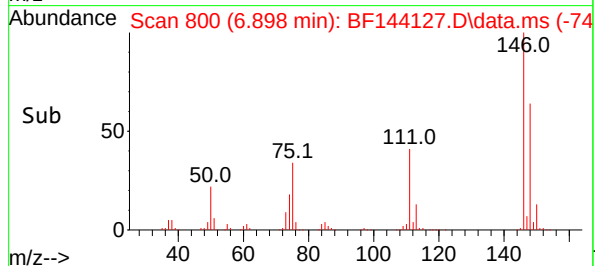
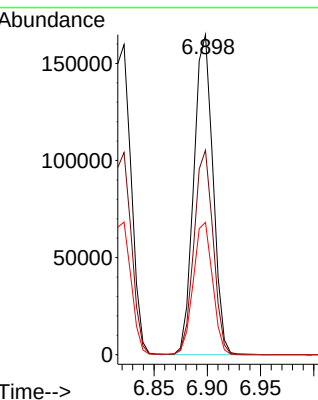
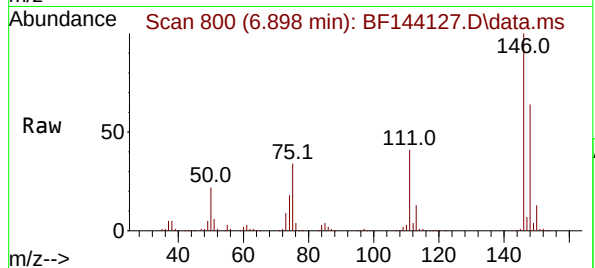
111 41.3 35.0 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#14

1,2-Dichlorobenzene

Concen: 44.973 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

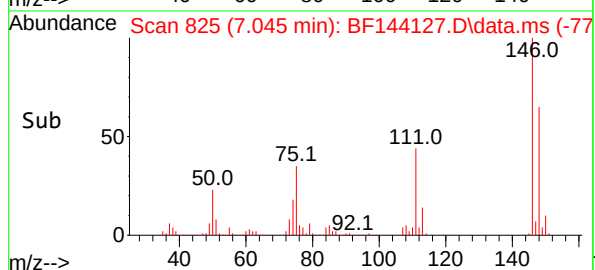
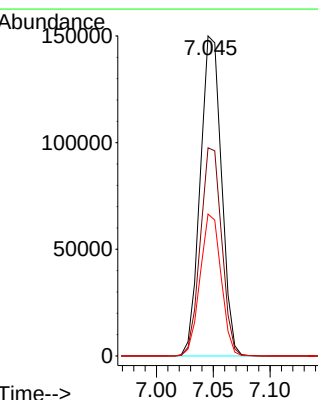
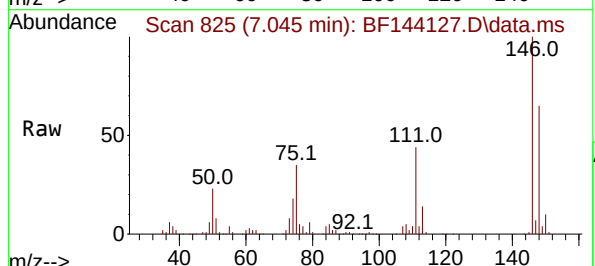
Tgt Ion:146 Resp: 195189

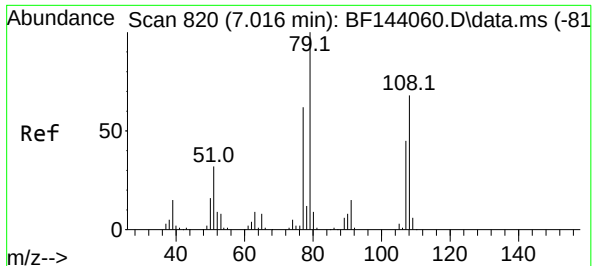
Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

111 44.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 50.428 ng

RT: 7.022 min Scan# 820

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 79 Resp: 16966

Ion Ratio Lower Upper

79 100

108 68.4 54.8 82.2

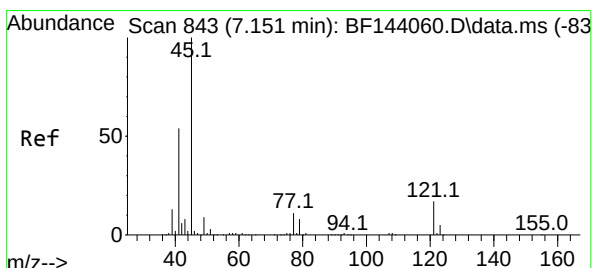
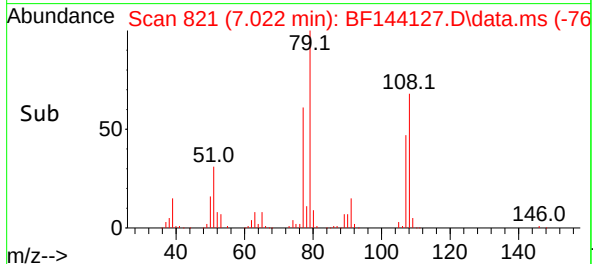
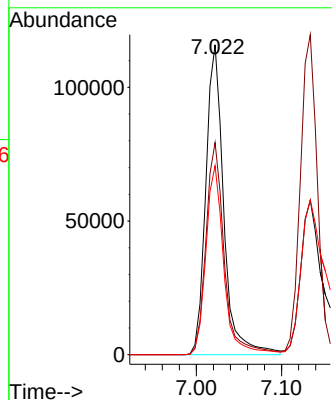
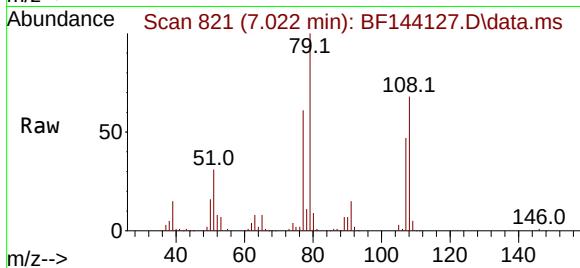
77 61.0 49.4 74.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.205 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

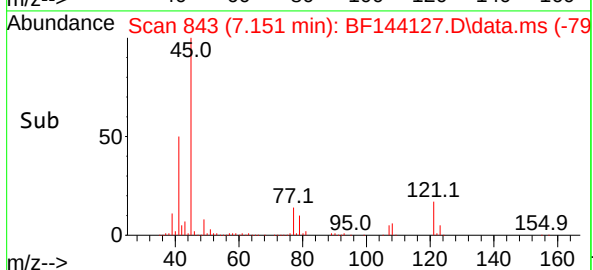
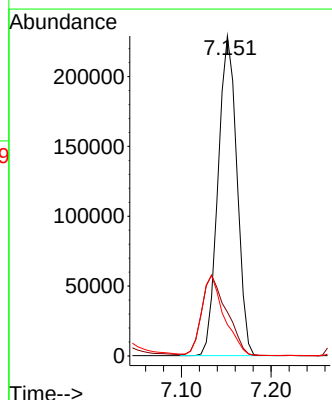
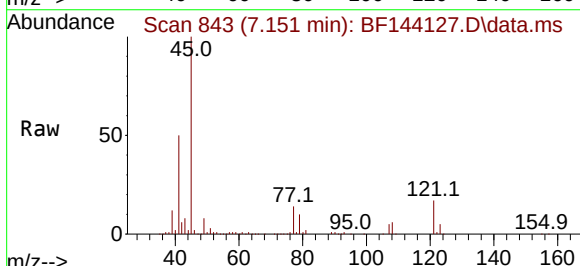
Tgt Ion: 45 Resp: 334193

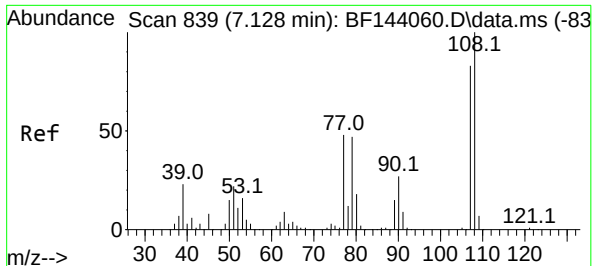
Ion Ratio Lower Upper

45 100

77 13.7 0.0 30.9

79 9.8 0.0 28.2





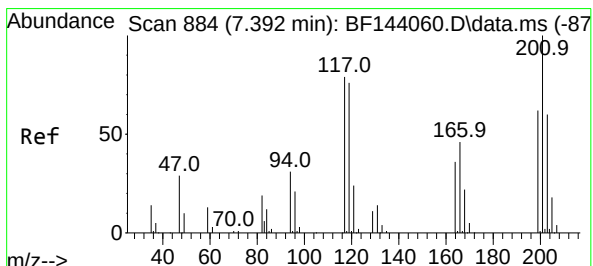
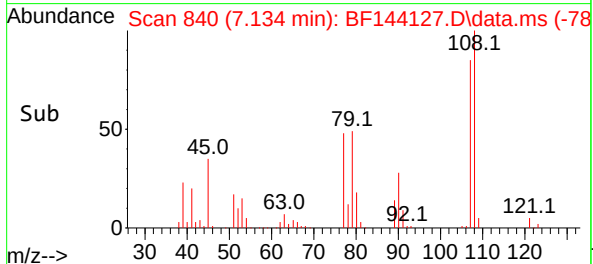
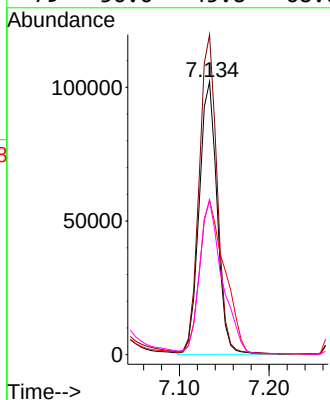
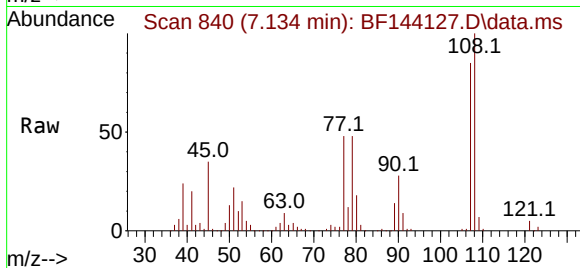
#17
2-Methylphenol
Concen: 49.954 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:107 Resp: 141762
Ion Ratio Lower Upper
107 100
108 117.2 96.4 144.6
77 56.7 46.8 70.2
79 56.6 45.8 68.6

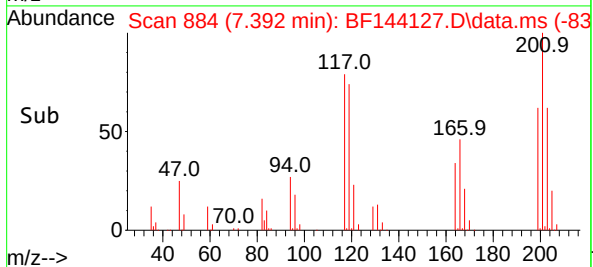
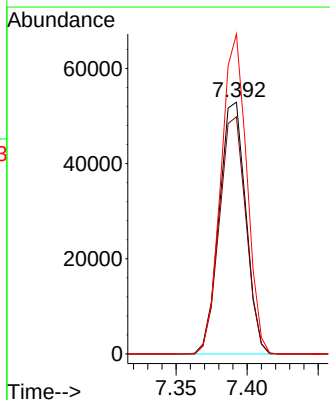
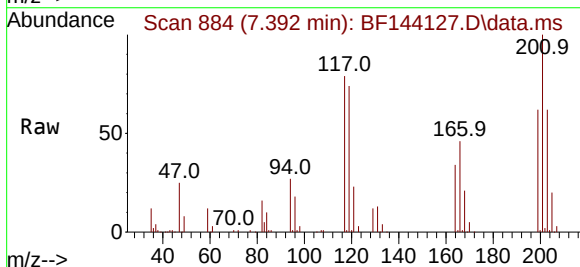
Manual Integrations
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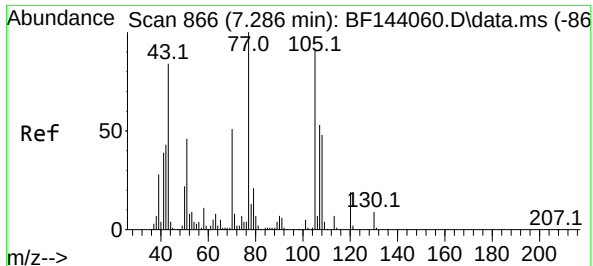
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#18
Hexachloroethane
Concen: 43.065 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:117 Resp: 69063
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
201 127.1 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 52.658 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 70 Resp: 14090

Ion Ratio Lower Upper

70 100

42 76.8 67.4 101.0

101 8.3 7.1 10.7

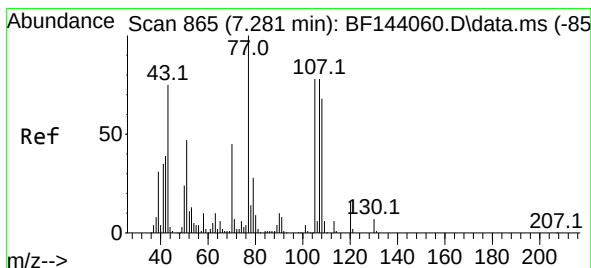
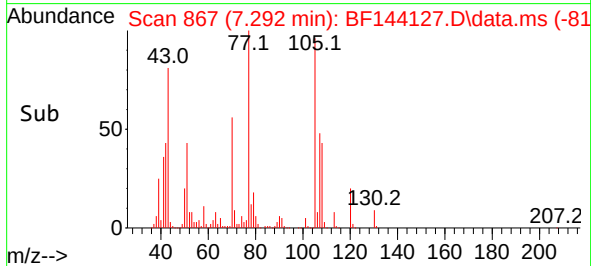
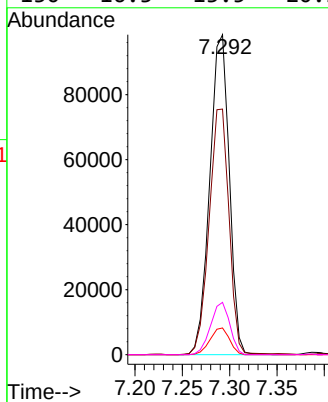
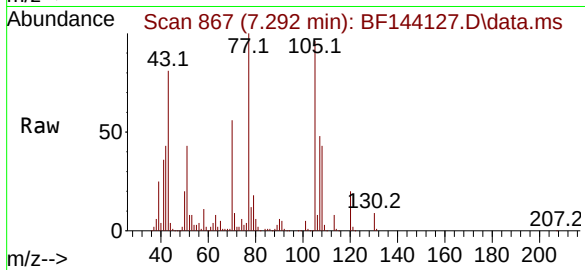
130 16.3 13.5 20.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#20

3+4-Methylphenols

Concen: 49.069 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:107 Resp: 164615

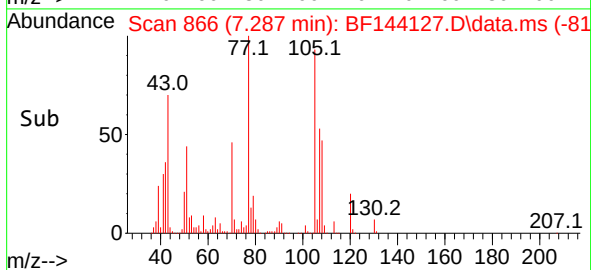
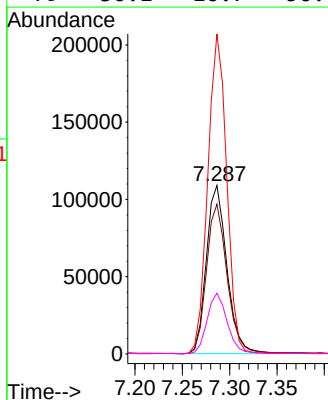
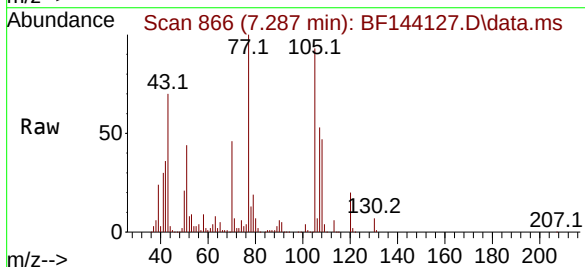
Ion Ratio Lower Upper

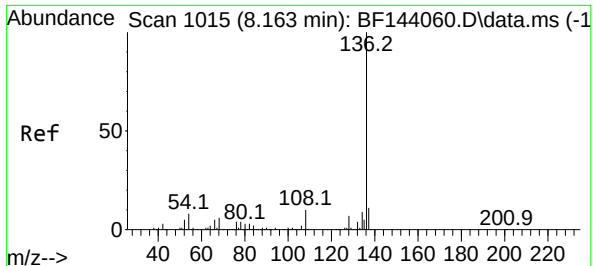
107 100

108 88.9 68.0 108.0

77 189.9 108.7 148.7#

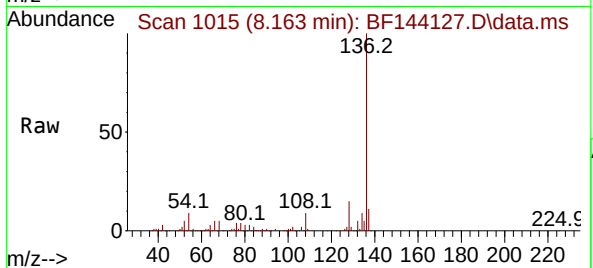
79 36.1 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

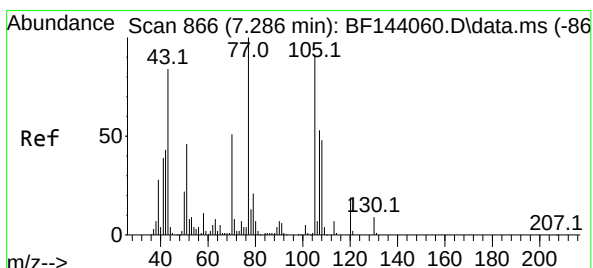
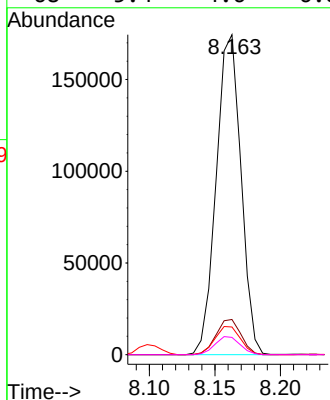
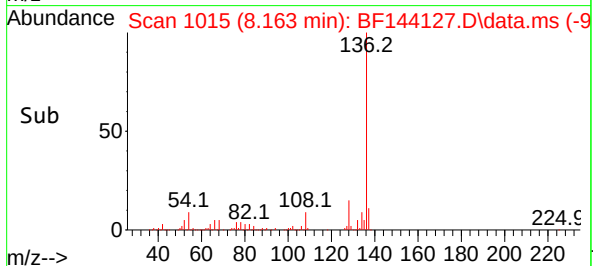
Instrument :
BNA_F
ClientSampleId :
TP-8MS



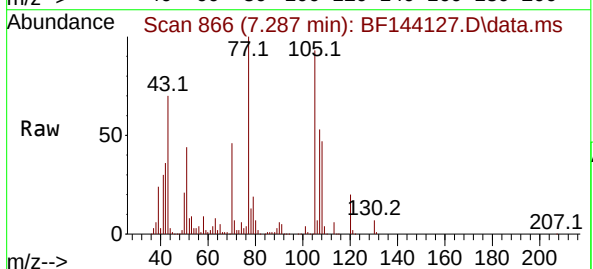
Tgt Ion:136 Resp: 22906
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.6 9.8
68 5.4 4.6 6.8

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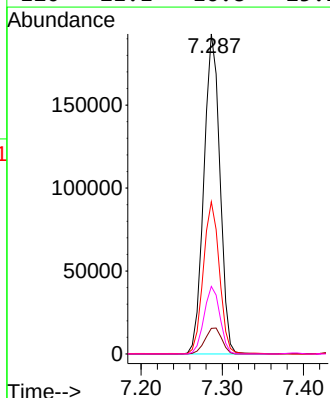
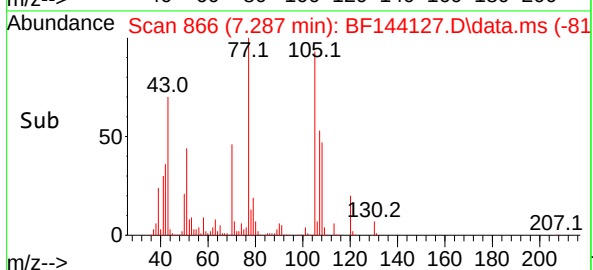
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

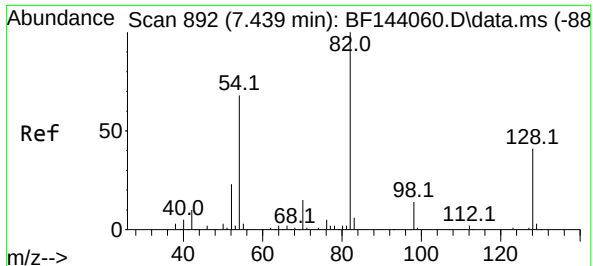


#22
Acetophenone
Concen: 53.479 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:105 Resp: 264741
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 47.6 40.6 60.8
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 95.934 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 82 Resp: 40109

Ion Ratio Lower Upper

82 100

128 42.6 32.4 48.6

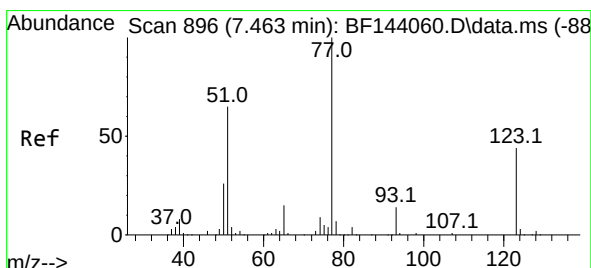
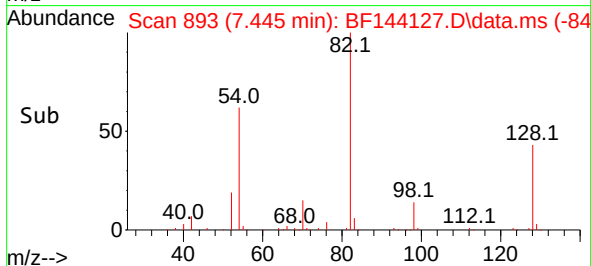
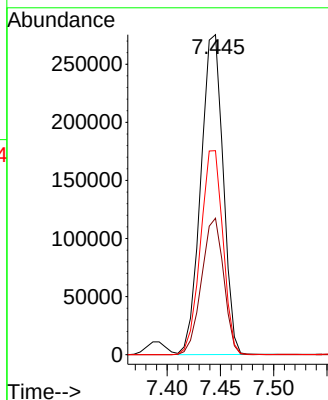
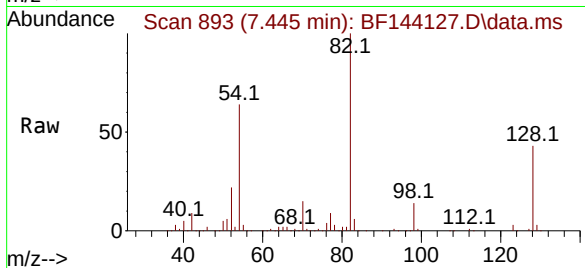
54 63.8 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#24

Nitrobenzene

Concen: 47.030 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

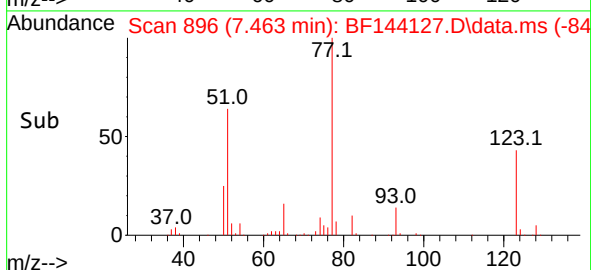
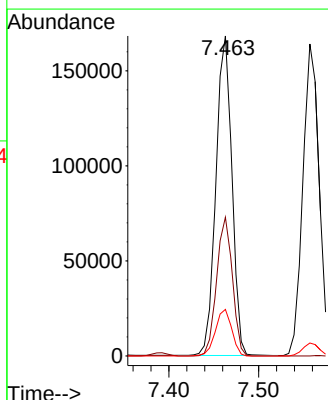
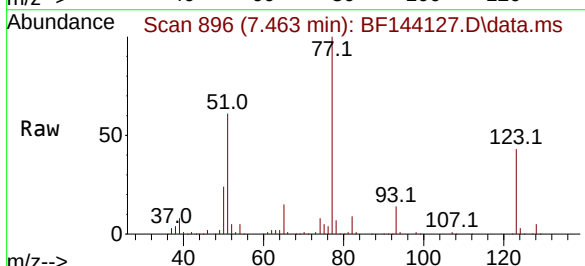
Tgt Ion: 77 Resp: 208006

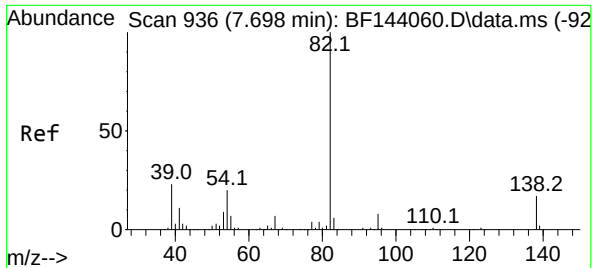
Ion Ratio Lower Upper

77 100

123 43.3 35.0 52.6

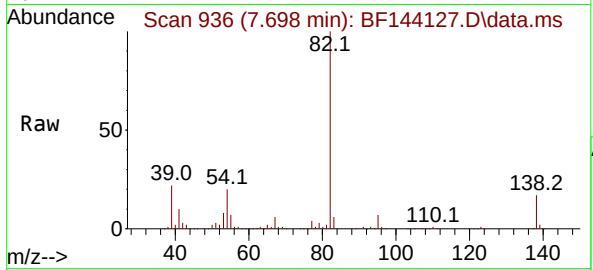
65 14.6 12.2 18.2





#25
Isophorone
Concen: 51.233 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

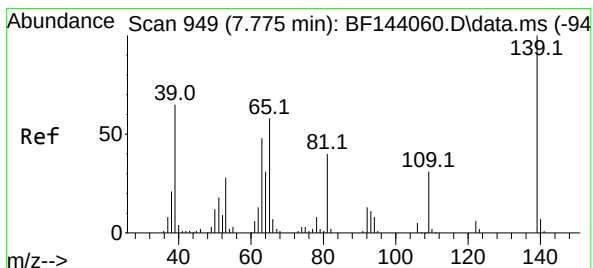
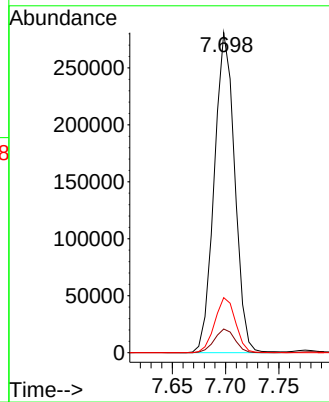
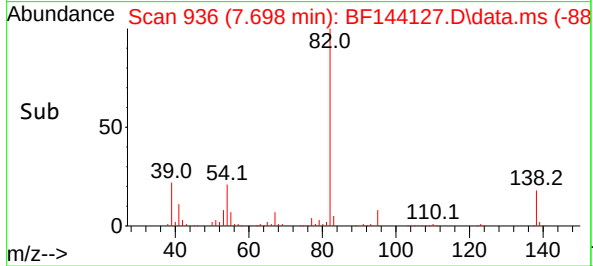
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion: 82 Resp: 37449
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 17.2 13.8 20.8

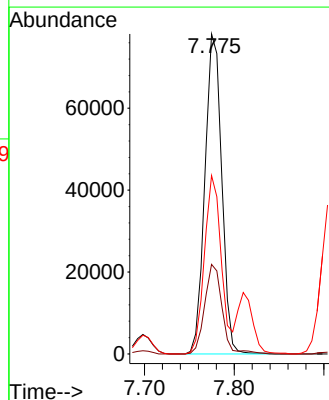
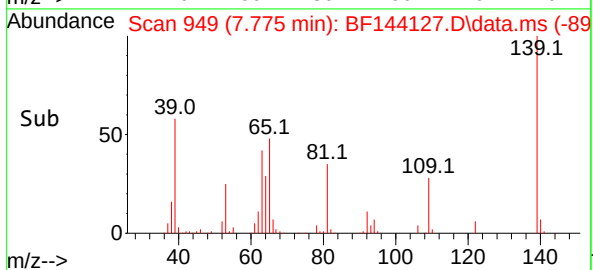
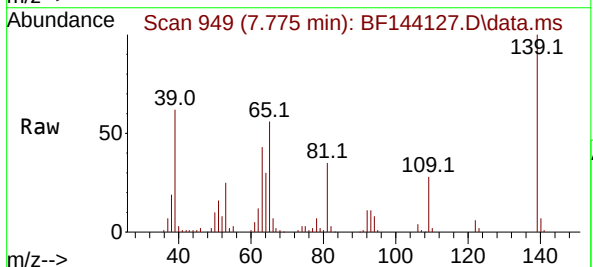
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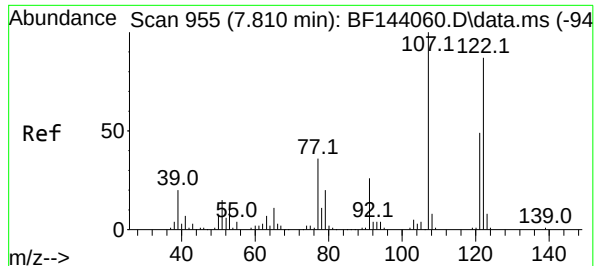
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#26
2-Nitrophenol
Concen: 48.429 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:139 Resp: 101895
Ion Ratio Lower Upper
139 100
109 28.0 24.6 37.0
65 55.8 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 53.591 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:122 Resp: 16756

Ion Ratio Lower Upper

122 100

107 116.3 91.8 137.8

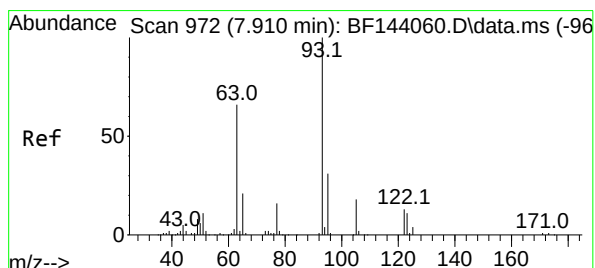
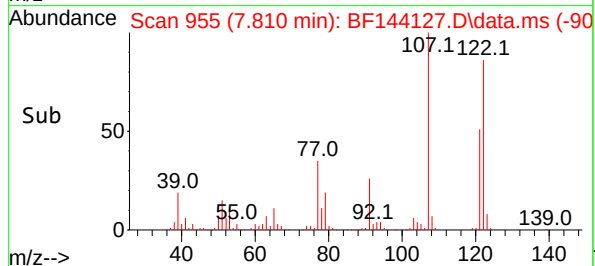
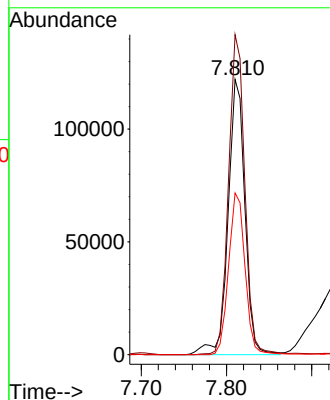
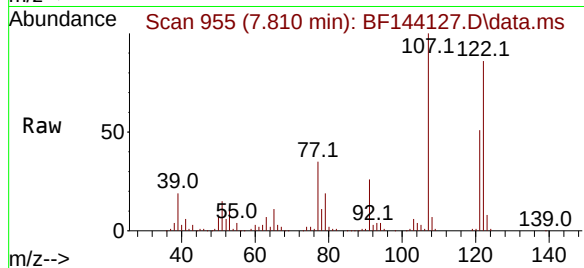
121 58.8 45.2 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#28

bis(2-Chloroethoxy)methane

Concen: 49.974 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

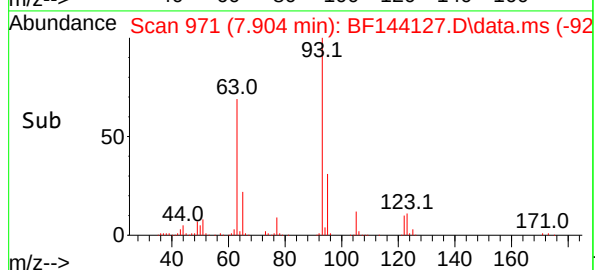
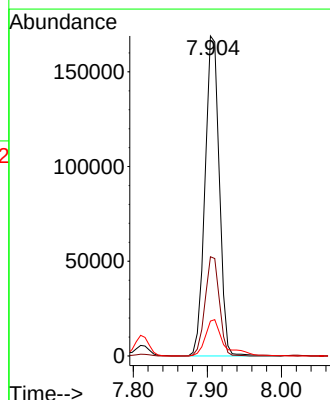
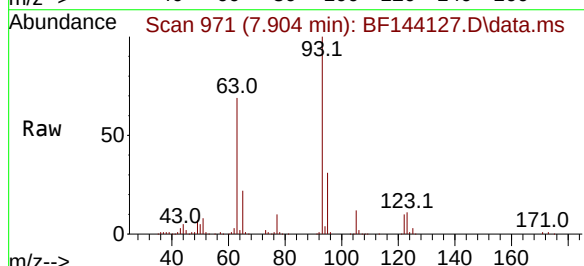
Tgt Ion: 93 Resp: 227803

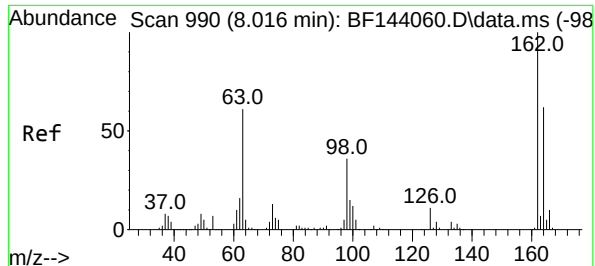
Ion Ratio Lower Upper

93 100

95 31.0 24.6 36.8

123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.382 ng

RT: 8.022 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:162 Resp: 17955

Ion Ratio Lower Upper

162 100

164 62.7 42.1 82.1

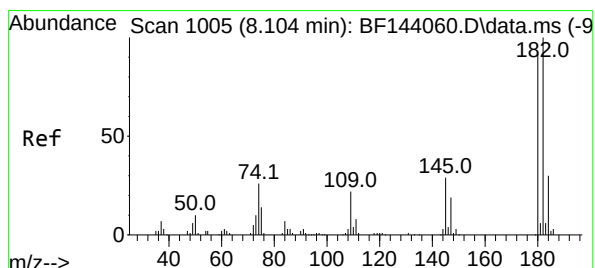
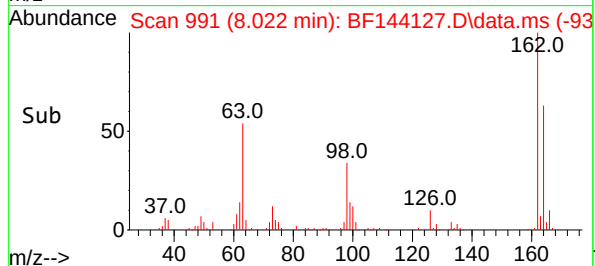
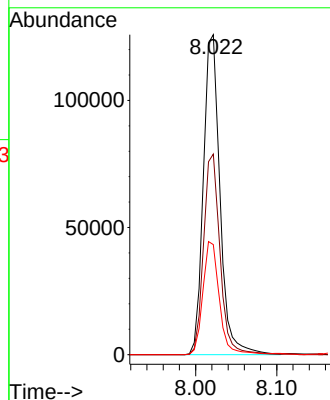
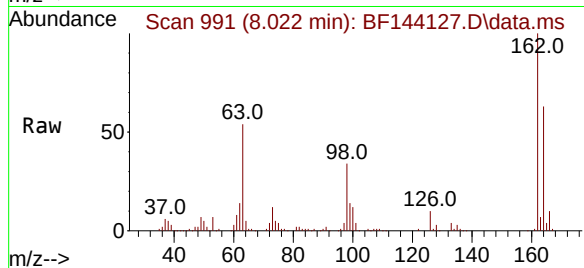
98 34.4 16.0 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.547 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

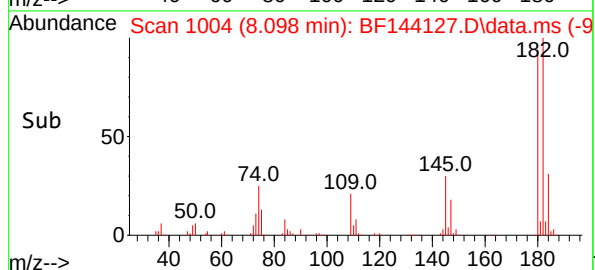
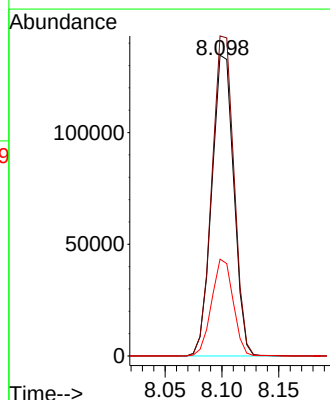
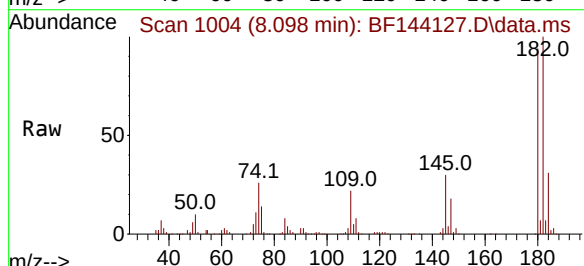
Tgt Ion:180 Resp: 181601

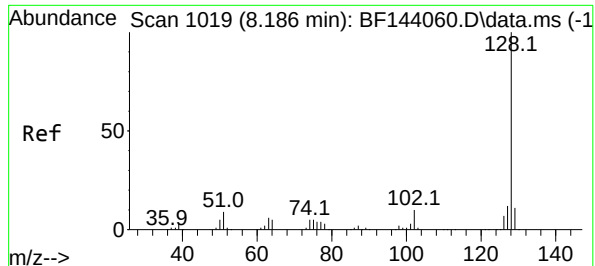
Ion Ratio Lower Upper

180 100

182 106.4 87.1 130.7

145 32.2 25.3 37.9





#31

Naphthalene

Concen: 46.497 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:128 Resp: 502680

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

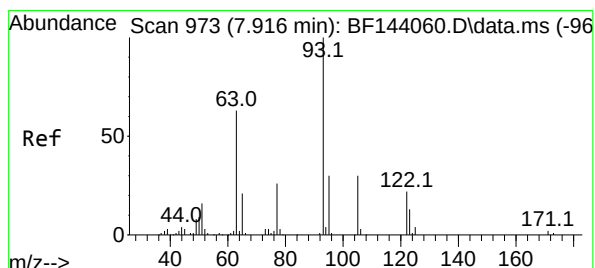
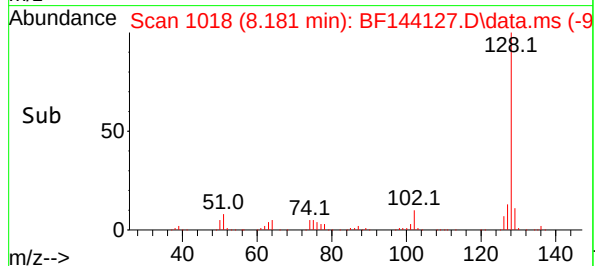
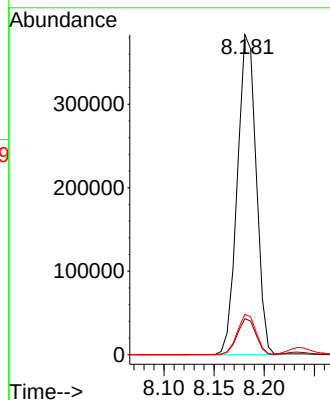
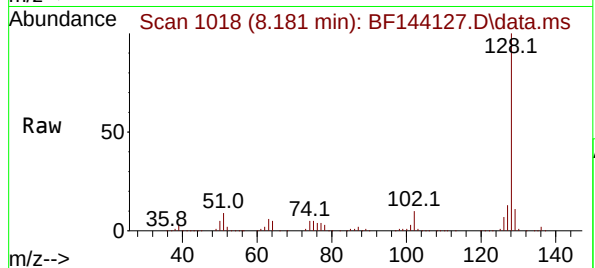
127 12.6 9.9 14.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#32

Benzoic acid

Concen: 63.428 ng

RT: 7.945 min Scan# 978

Delta R.T. 0.029 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

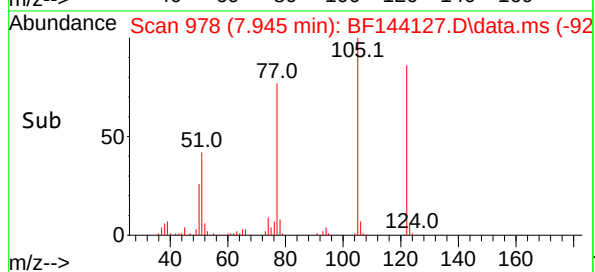
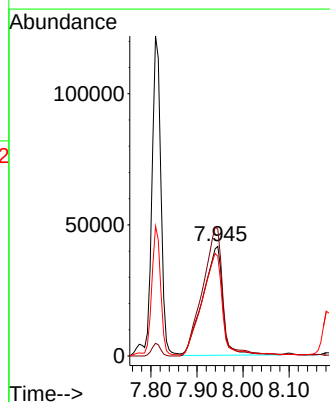
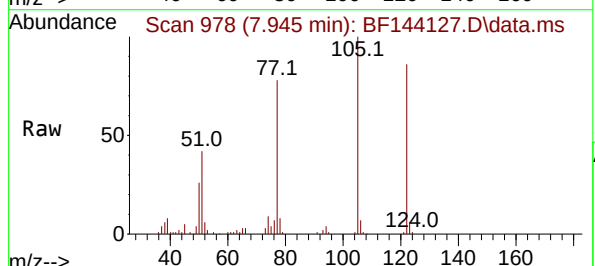
Tgt Ion:122 Resp: 125796

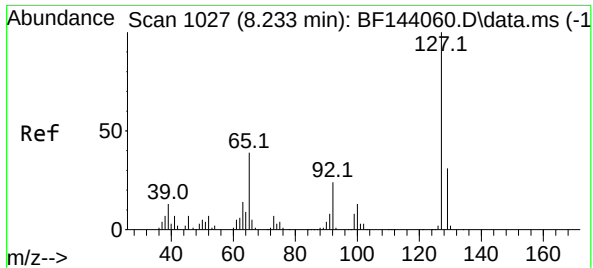
Ion Ratio Lower Upper

122 100

105 115.7 111.3 151.3

77 90.8 96.7 136.7#





#33

4-Chloroaniline

Concen: 4.007 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:127 Resp: 15080

Ion Ratio Lower Upper

127 100

129 35.1 25.6 38.4

65 30.3 30.9 46.3

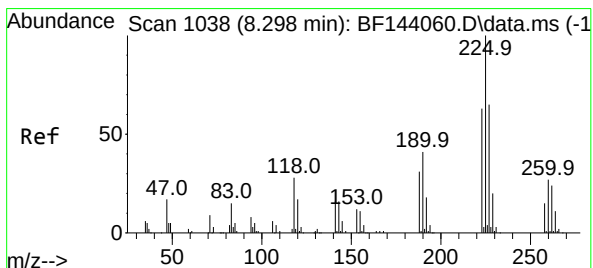
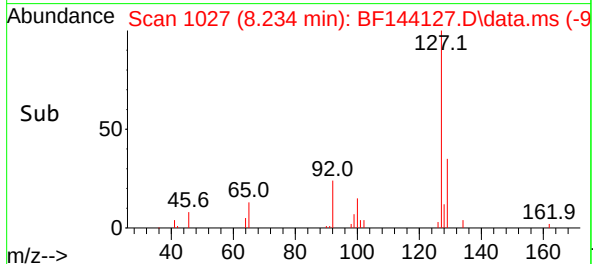
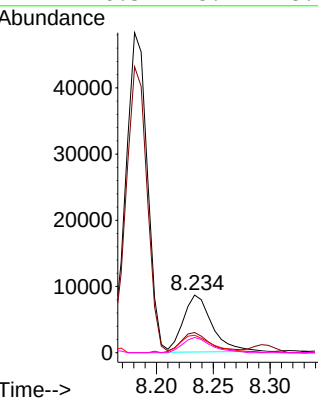
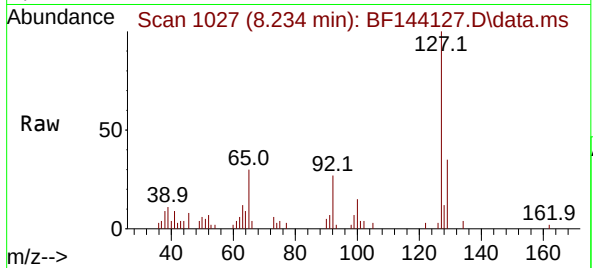
92 26.5 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#34

Hexachlorobutadiene

Concen: 43.214 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

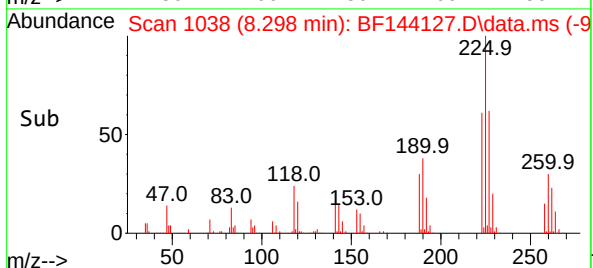
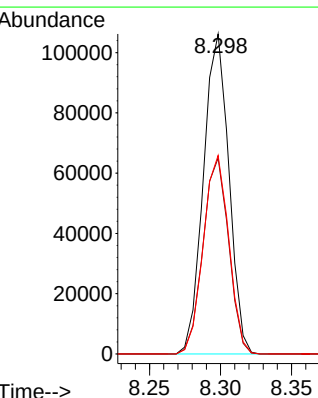
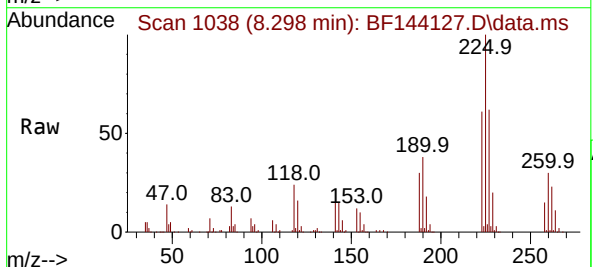
Tgt Ion:225 Resp: 132182

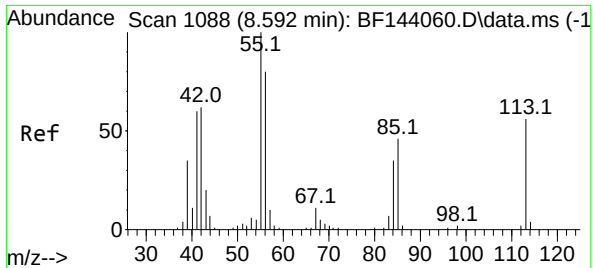
Ion Ratio Lower Upper

225 100

223 61.2 50.6 76.0

227 62.0 51.8 77.8





#35

Caprolactam

Concen: 52.123 ng m

RT: 8.598 min Scan# 1089

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:113 Resp: 4752

Ion Ratio Lower Upper

113 100

55 192.0 160.1 200.1

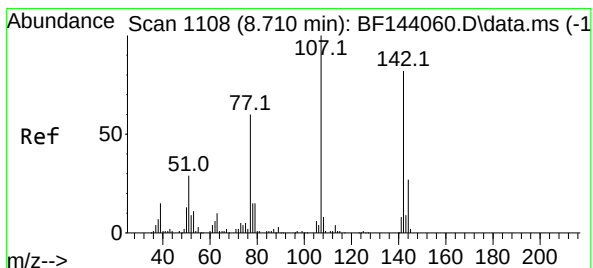
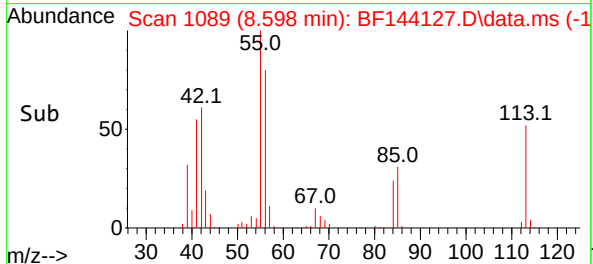
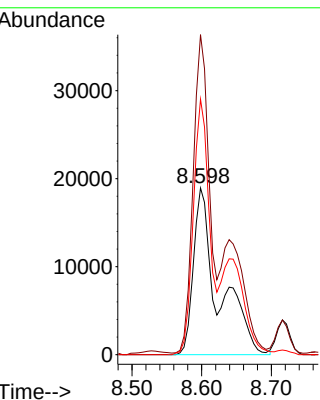
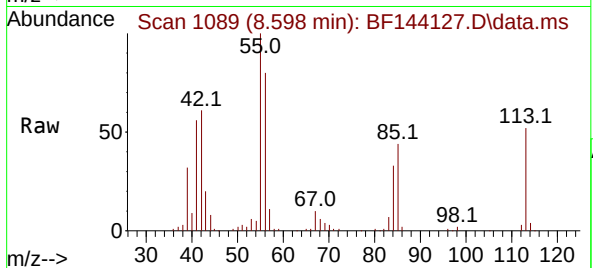
56 153.3 124.9 164.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#36

4-Chloro-3-methylphenol

Concen: 52.147 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

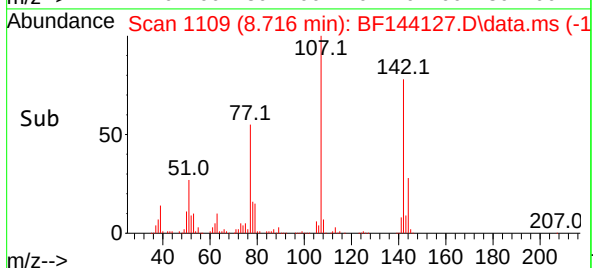
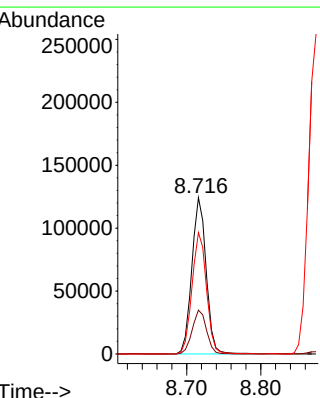
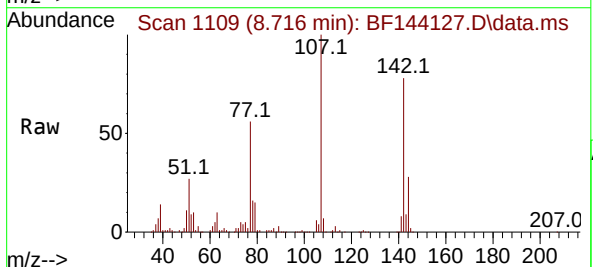
Tgt Ion:107 Resp: 167327

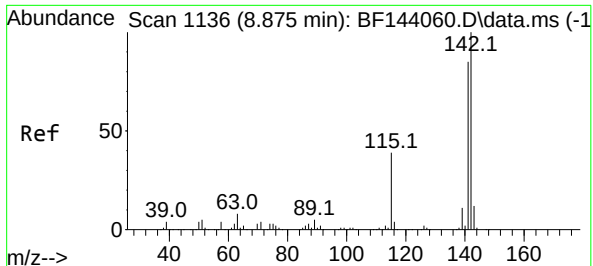
Ion Ratio Lower Upper

107 100

144 28.0 21.6 32.4

142 77.7 65.4 98.0





#37

2-Methylnaphthalene

Concen: 45.457 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:142 Resp: 32401

Ion Ratio Lower Upper

142 100

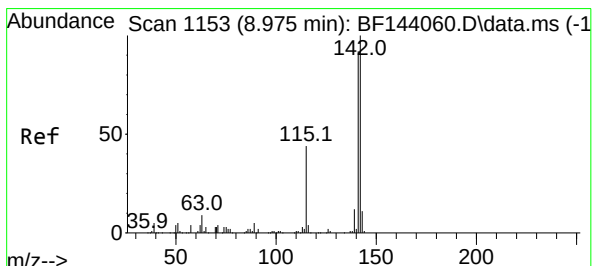
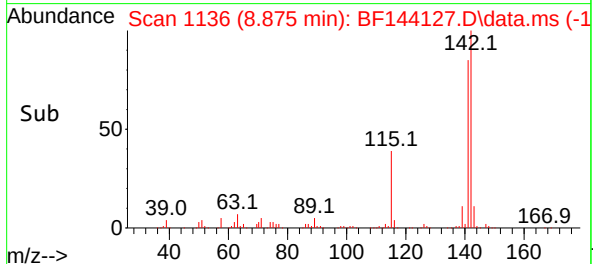
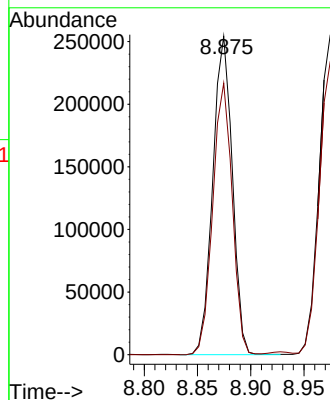
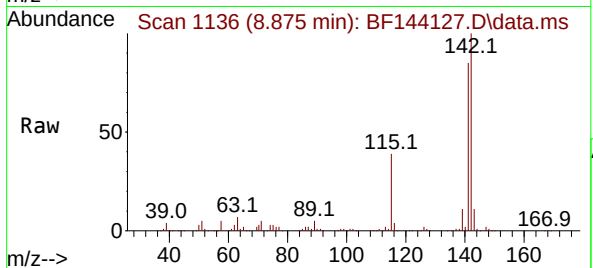
141 85.3 67.6 101.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#38

1-Methylnaphthalene

Concen: 48.173 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144127.D

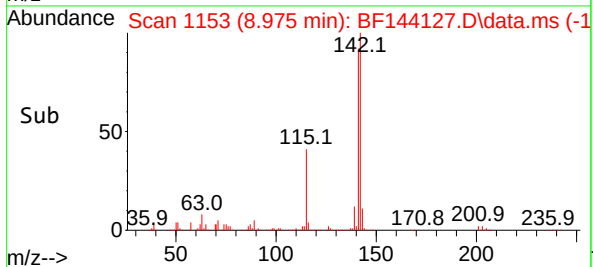
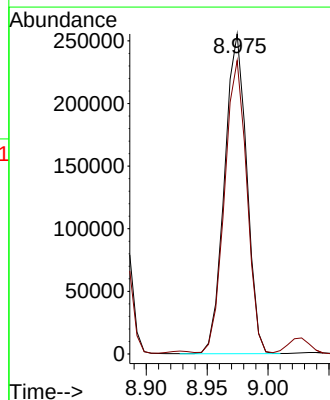
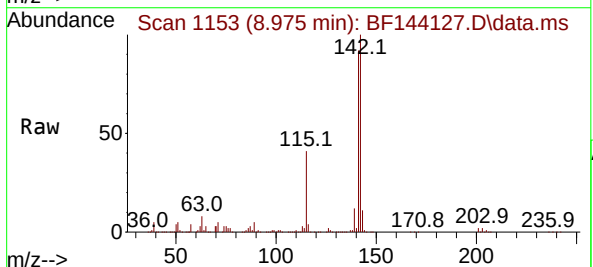
Acq: 29 Oct 2025 14:33

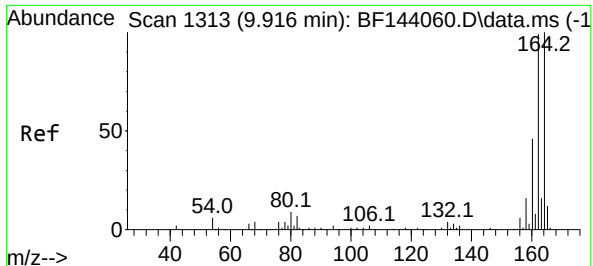
Tgt Ion:142 Resp: 325313

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144127.D

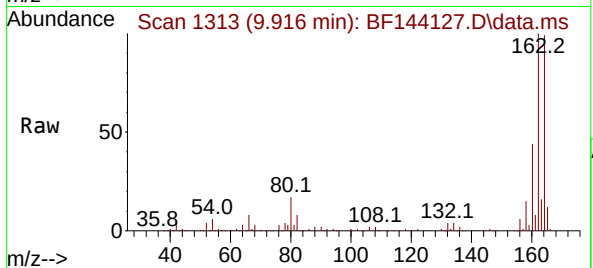
Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS



Tgt Ion:164 Resp: 13278

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.2

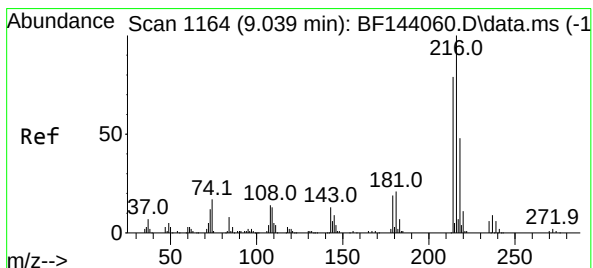
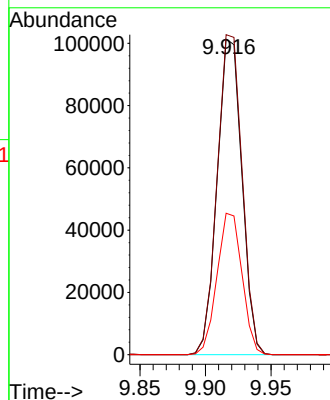
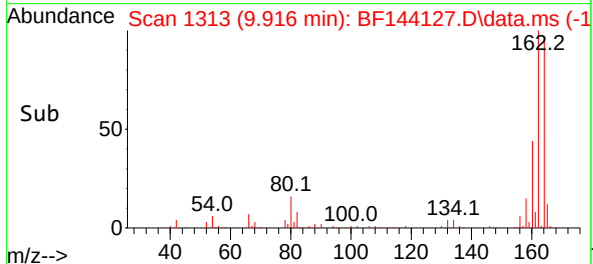
160 44.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#40

1,2,4,5-Tetrachlorobenzene

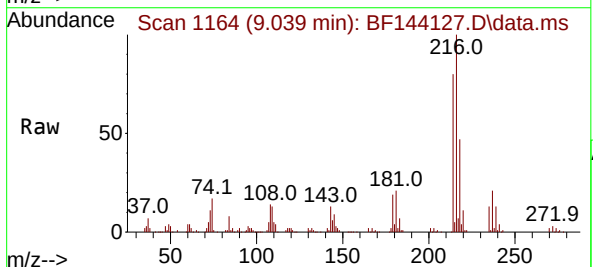
Concen: 47.923 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33



Tgt Ion:216 Resp: 218705

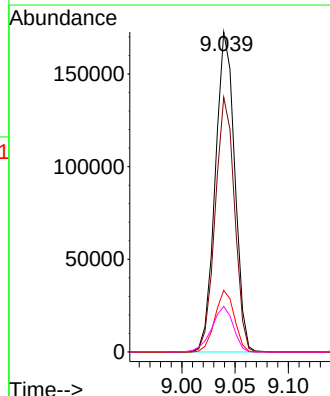
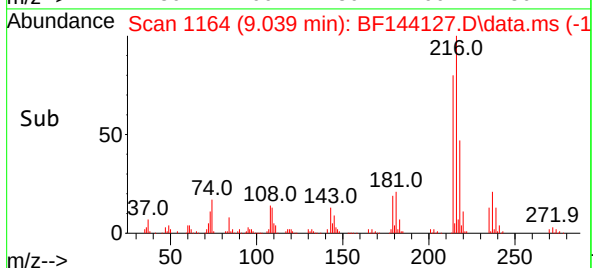
Ion Ratio Lower Upper

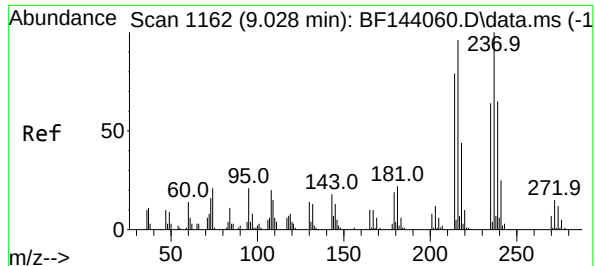
216 100

214 79.1 63.2 94.8

179 19.3 15.2 22.8

108 15.8 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 110.337 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:237 Resp: 15552

Ion Ratio Lower Upper

237 100

235 64.5 44.3 84.3

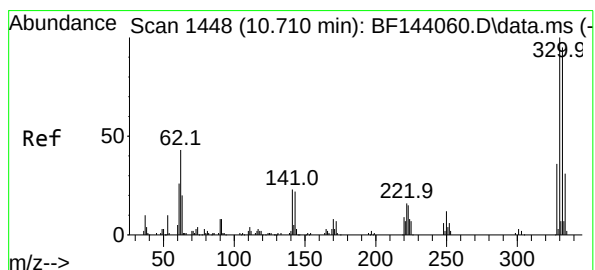
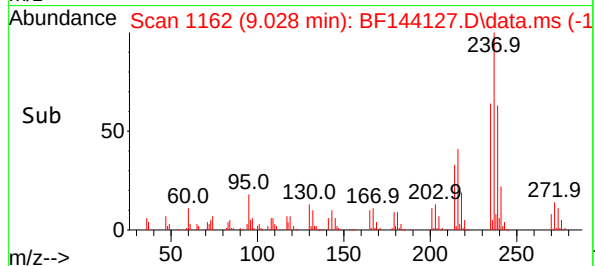
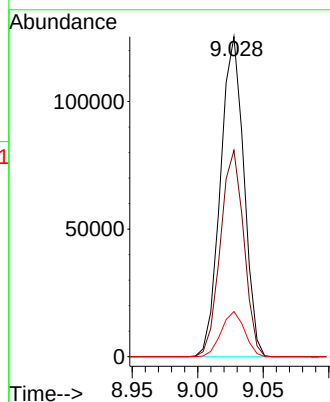
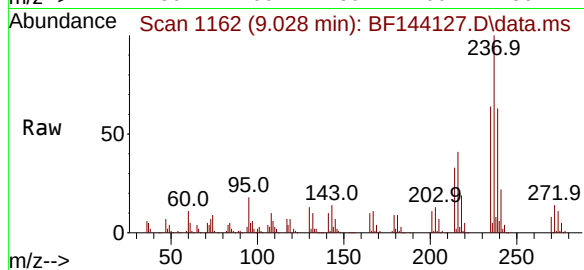
272 14.1 0.0 35.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#42

2,4,6-Tribromophenol

Concen: 151.310 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

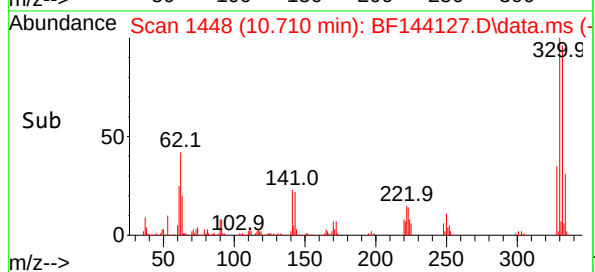
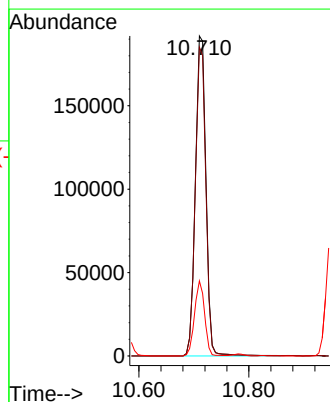
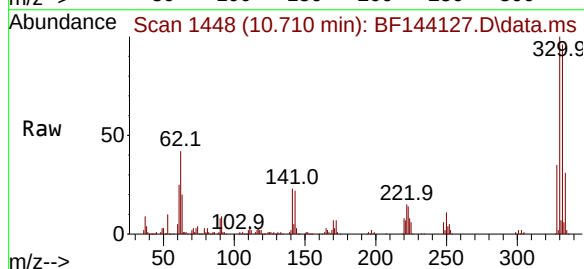
Tgt Ion:330 Resp: 255935

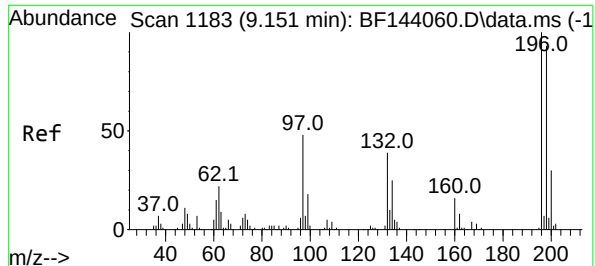
Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 22.4 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 48.009 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

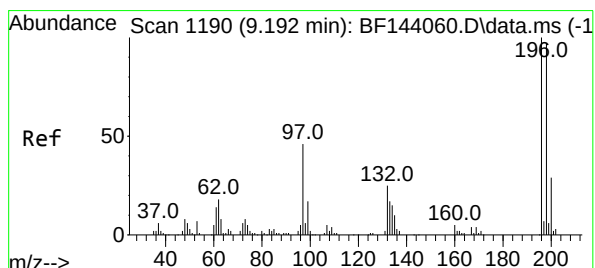
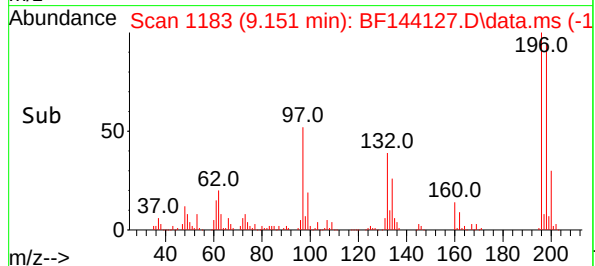
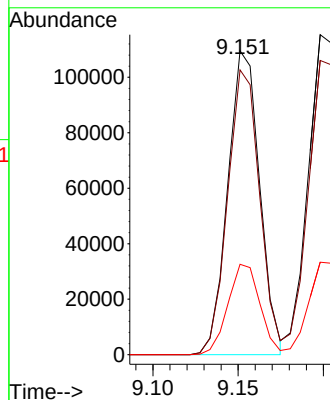
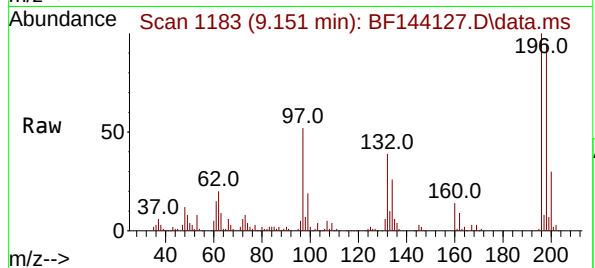
Tgt Ion:196	Resp:	14241
Ion Ratio	Lower	Upper
196	100	
198	93.7	74.4 111.6
200	29.7	23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#44

2,4,5-Trichlorophenol

Concen: 50.272 ng

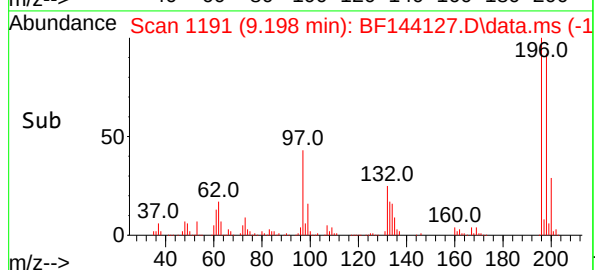
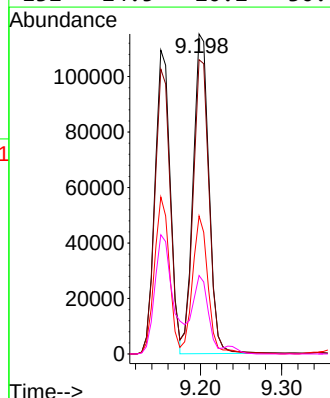
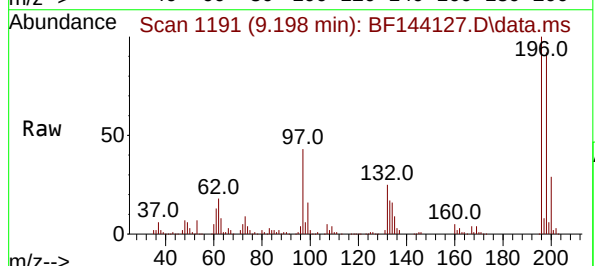
RT: 9.198 min Scan# 1191

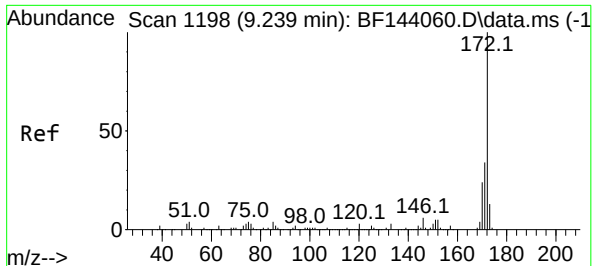
Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:196	Resp:	156505
Ion Ratio	Lower	Upper
196	100	
198	91.9	78.0 117.0
97	43.1	37.7 56.5
132	24.5	20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.811 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:172 Resp: 85691

Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

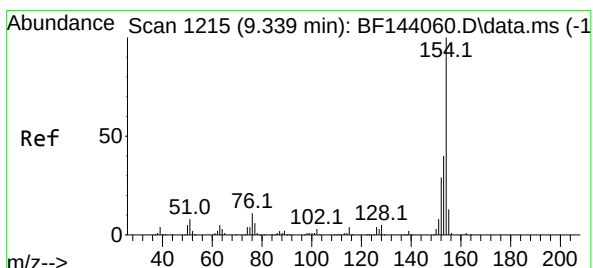
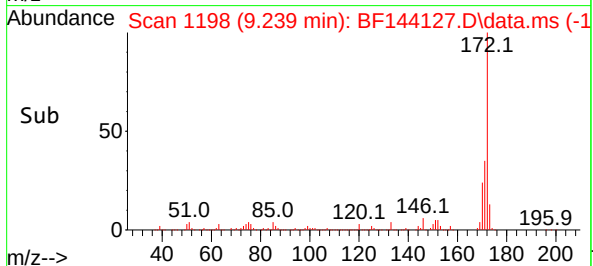
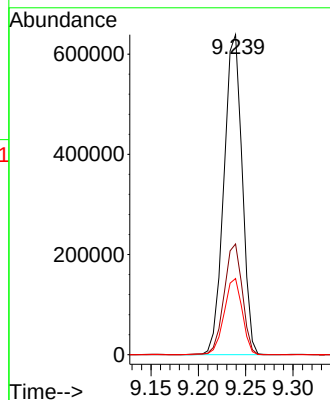
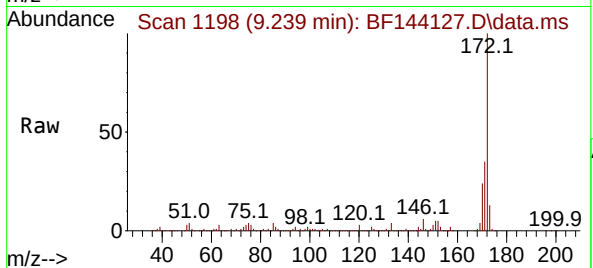
170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#46

1,1'-Biphenyl

Concen: 50.848 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

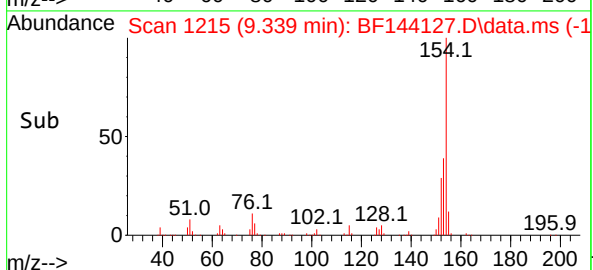
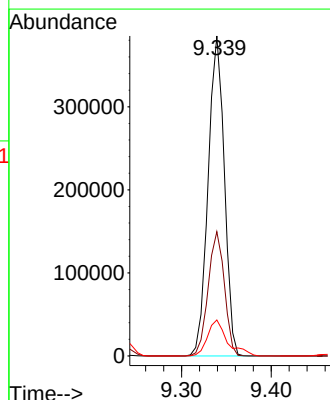
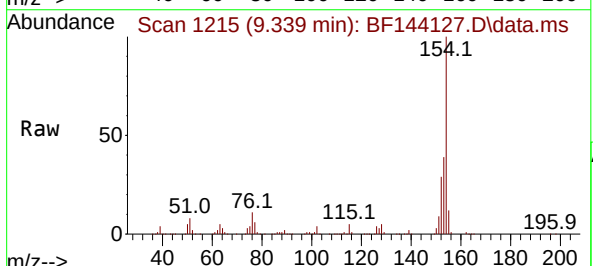
Tgt Ion:154 Resp: 483342

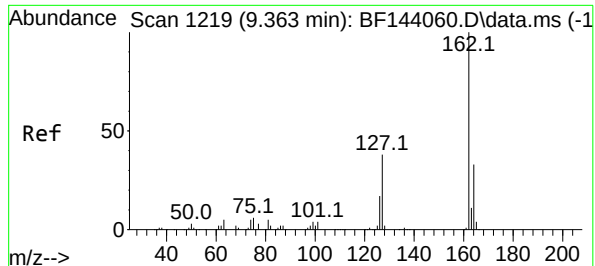
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 46.054 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

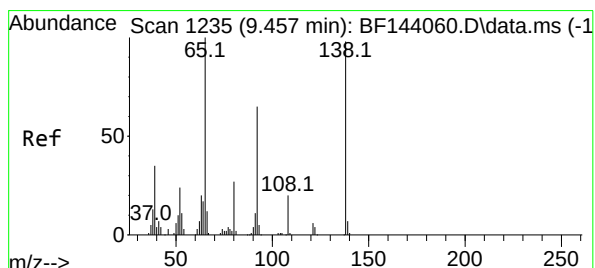
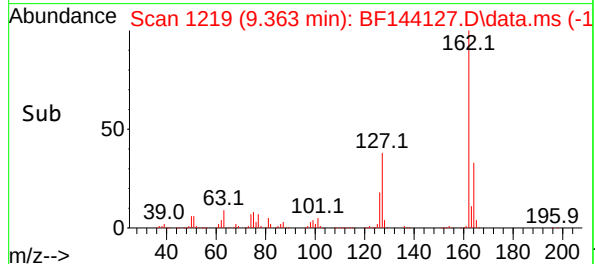
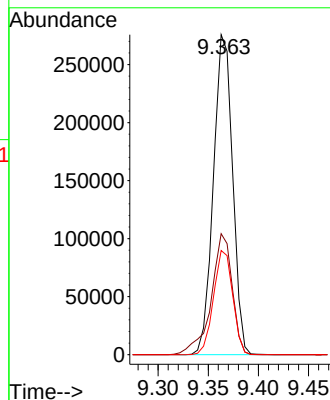
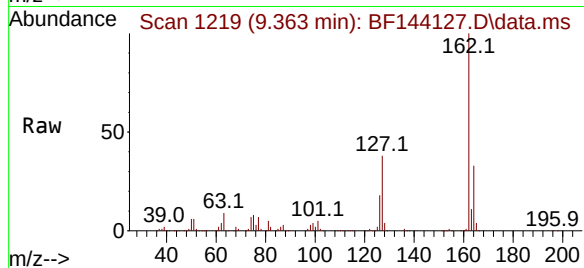
Tgt Ion:162	Resp: 366750
Ion Ratio	Lower Upper
162	100
127	37.8 31.6 47.4
164	32.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#48

2-Nitroaniline

Concen: 48.487 ng

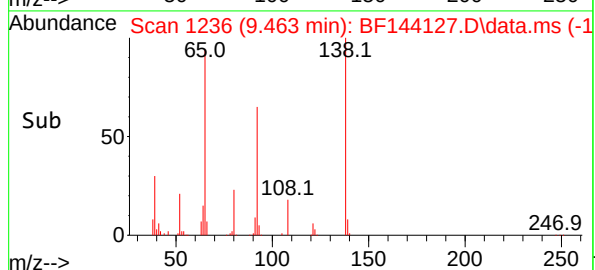
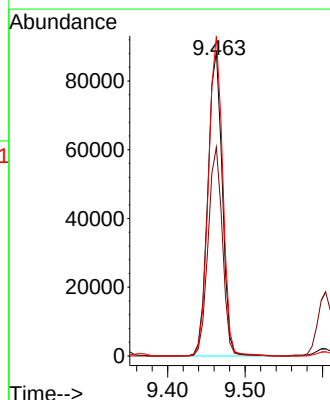
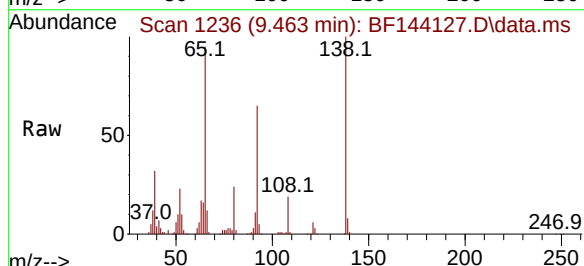
RT: 9.463 min Scan# 1236

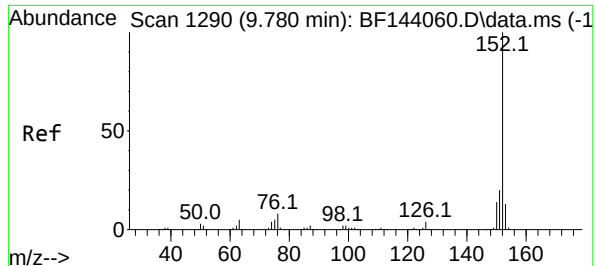
Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion: 65	Resp: 114659
Ion Ratio	Lower Upper
65	100
92	68.6 52.3 78.5
138	105.1 78.3 117.5





#49

Acenaphthylene

Concen: 53.411 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

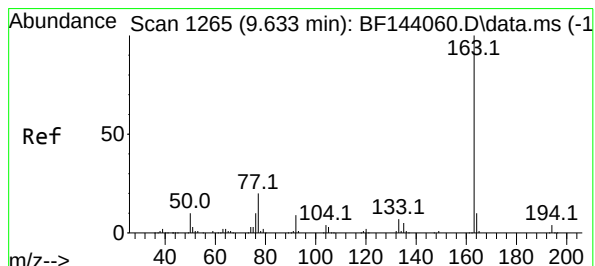
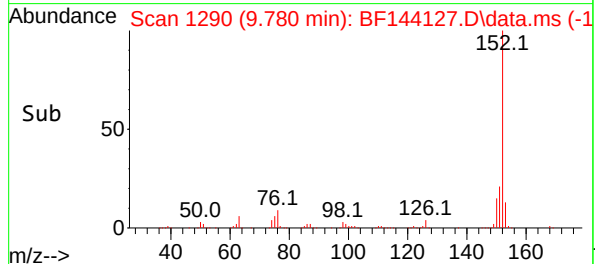
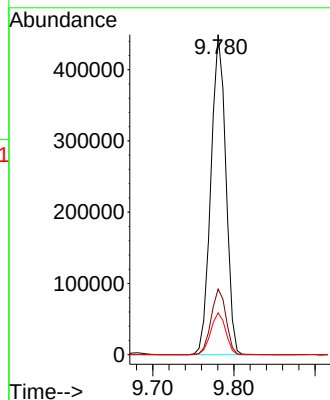
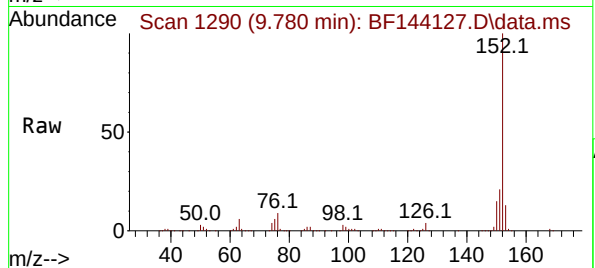
Tgt Ion:152	Resp: 57351
Ion Ratio	Lower Upper
152 100	
151 20.5	15.9 23.9
153 13.1	10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#50

Dimethylphthalate

Concen: 52.858 ng

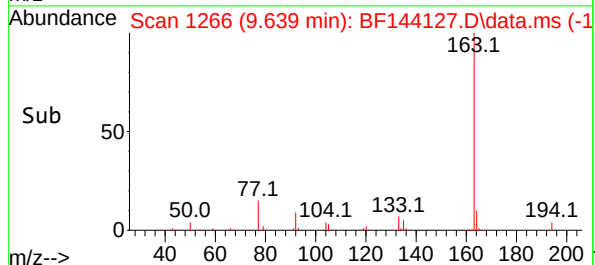
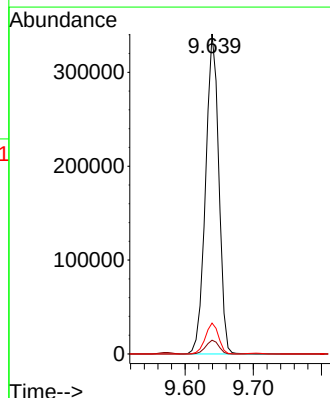
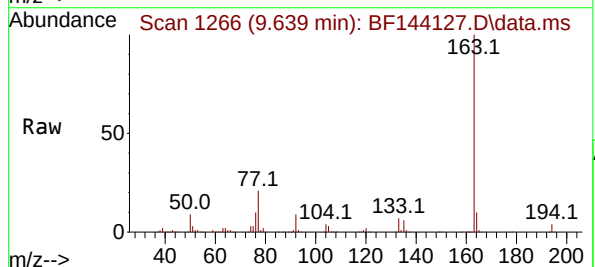
RT: 9.639 min Scan# 1266

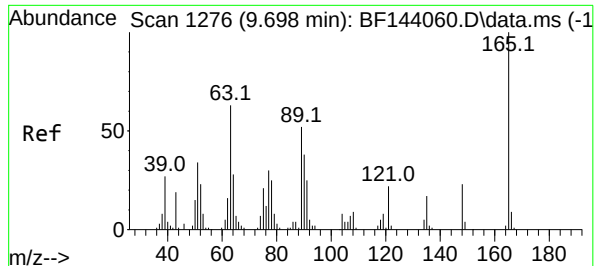
Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:163	Resp: 460072
Ion Ratio	Lower Upper
163 100	
194 4.3	3.4 5.0
164 9.7	7.8 11.8





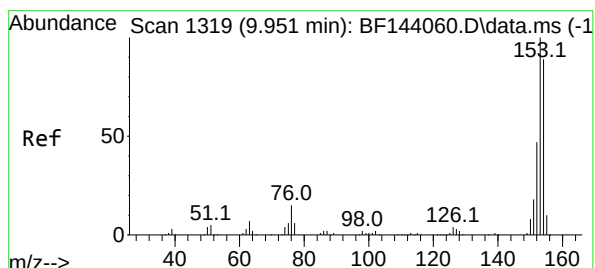
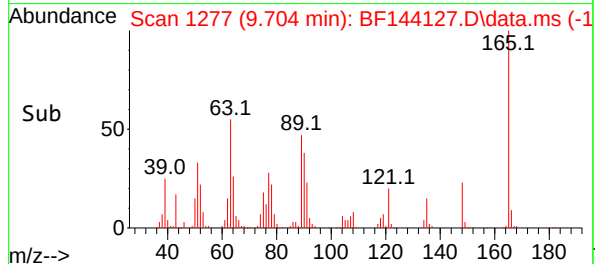
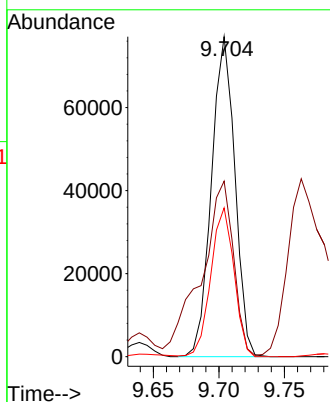
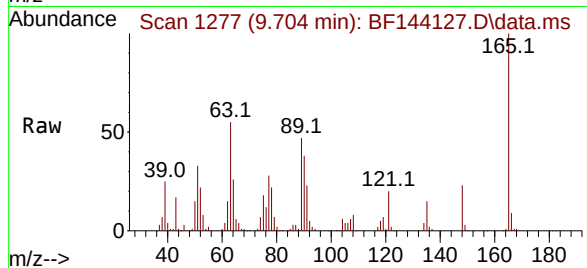
#51
2,6-Dinitrotoluene
Concen: 55.561 ng
RT: 9.704 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:165 Resp: 9560
Ion Ratio Lower Upper
165 100
63 54.8 50.4 75.6
89 46.5 41.4 62.2

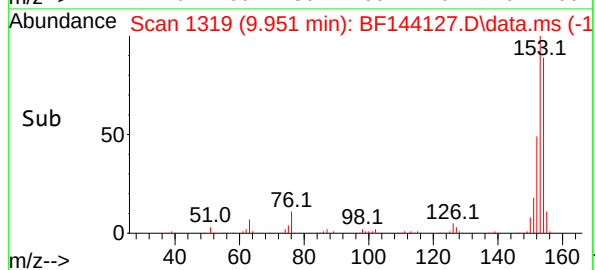
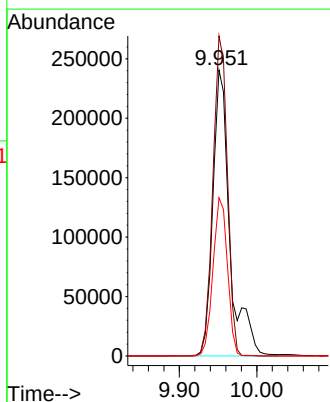
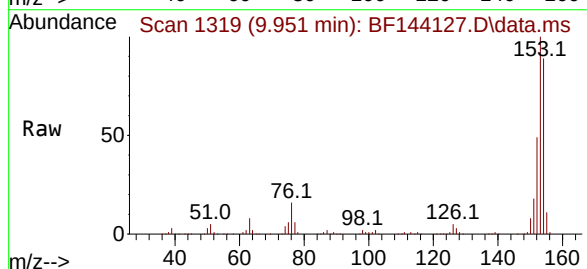
Manual Integrations
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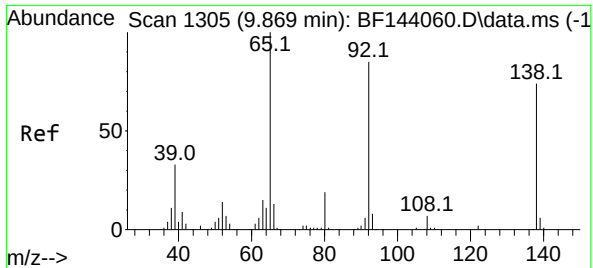
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#52
Acenaphthene
Concen: 51.253 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

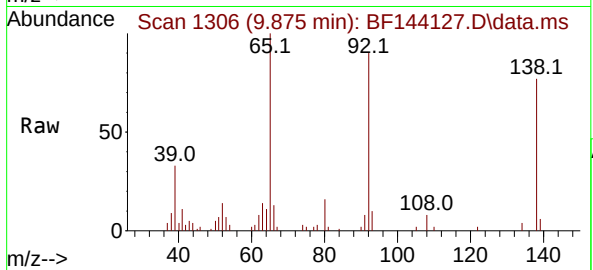
Tgt Ion:154 Resp: 367541
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 55.3 42.0 63.0





#53
3-Nitroaniline
Concen: 6.675 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

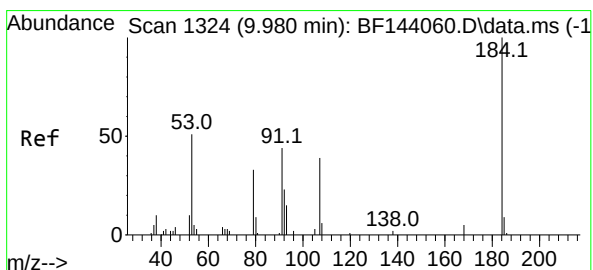
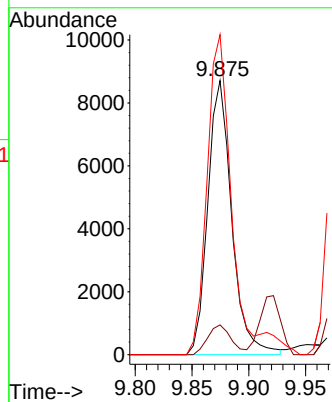
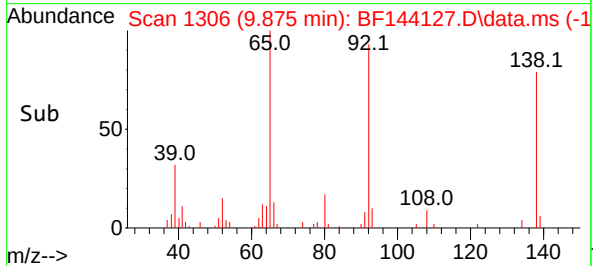
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:138 Resp: 12769
Ion Ratio Lower Upper
138 100
108 10.9 7.9 11.9
92 116.8 92.0 138.0

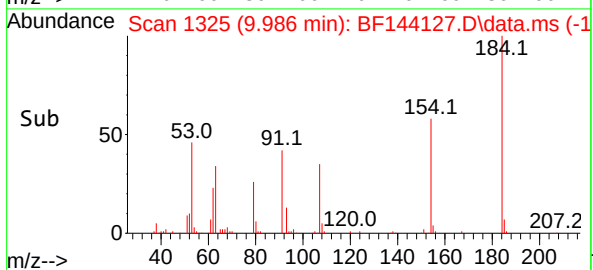
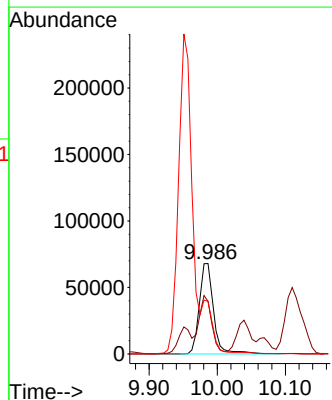
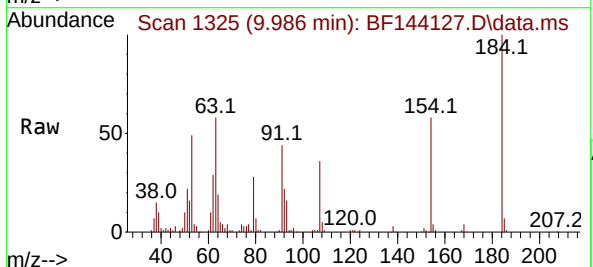
Manual Integrations
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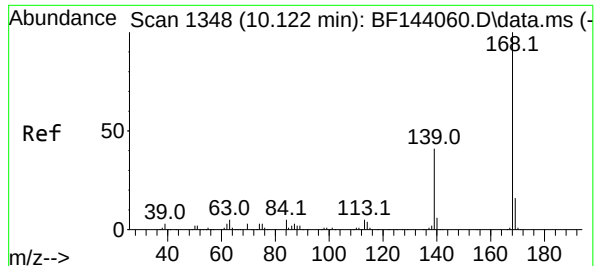
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#54
2,4-Dinitrophenol
Concen: 106.495 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:184 Resp: 99111
Ion Ratio Lower Upper
184 100
63 58.3 52.1 78.1
154 58.3 47.9 71.9





#55

Dibenzenofuran

Concen: 49.495 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:168 Resp: 49274

Ion Ratio Lower Upper

168 100

139 39.0 33.2 49.8

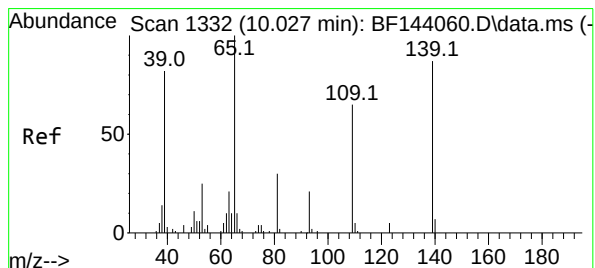
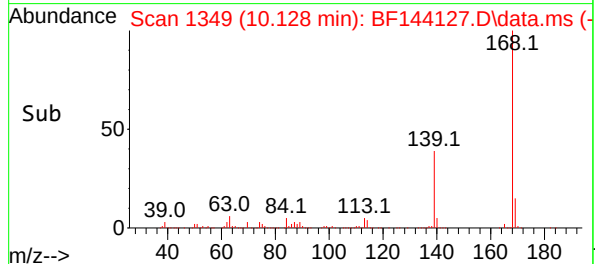
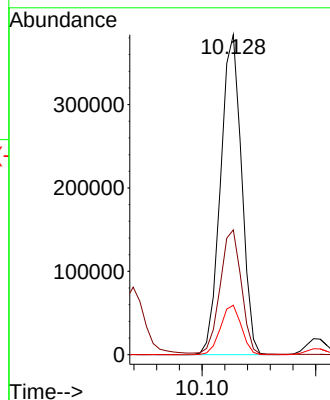
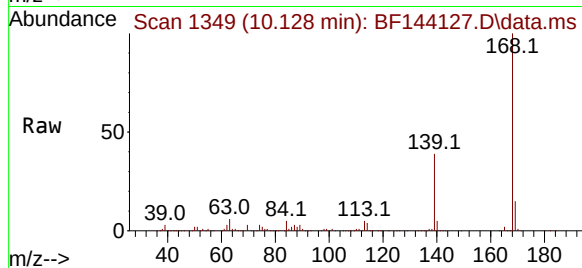
169 15.5 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#56

4-Nitrophenol

Concen: 89.192 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.012 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

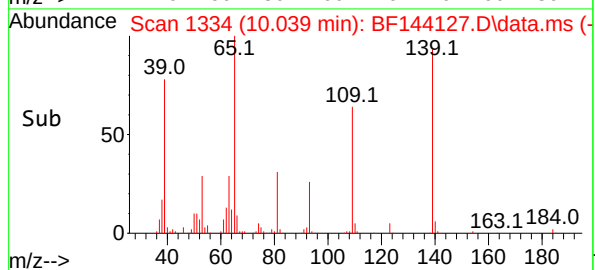
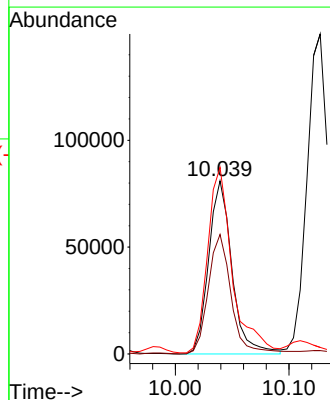
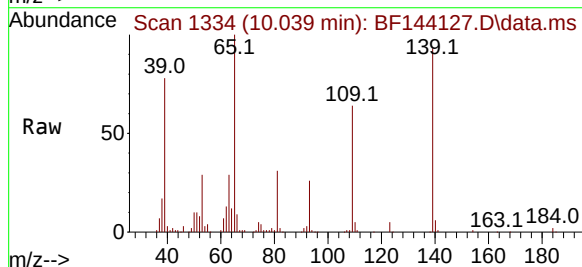
Tgt Ion:139 Resp: 115546

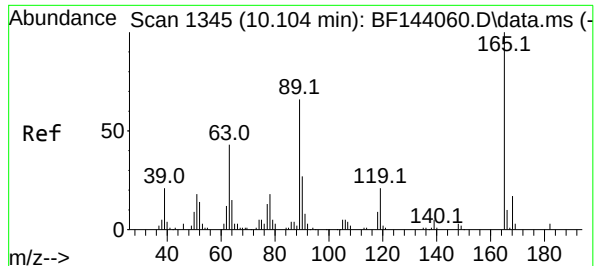
Ion Ratio Lower Upper

139 100

109 69.0 53.8 93.8

65 107.8 95.9 135.9





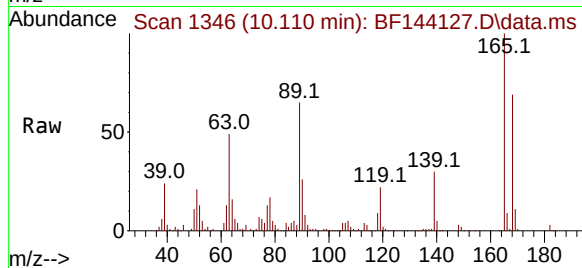
#57
2,4-Dinitrotoluene
Concen: 54.501 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS



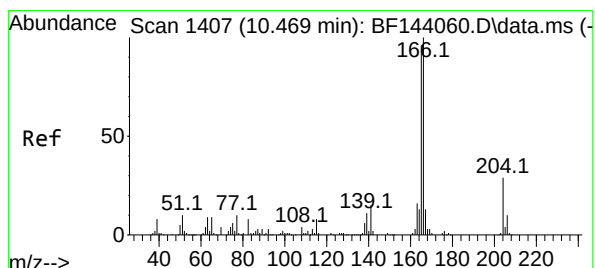
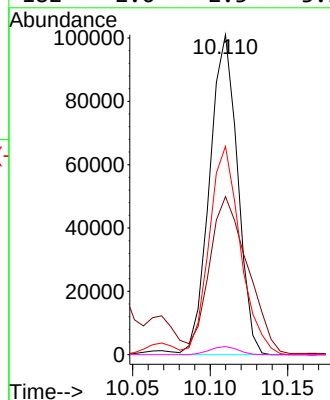
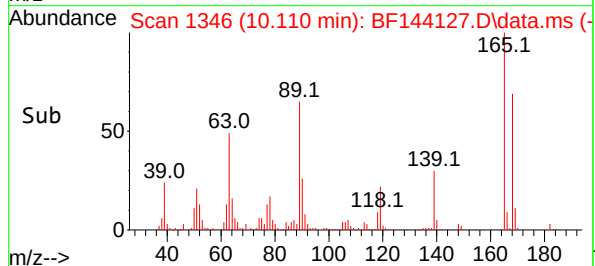
Tgt Ion:165 Resp: 126570
Ion Ratio Lower Upper
165 100
63 49.4 35.4 53.2
89 65.1 52.7 79.1
182 2.6 2.3 3.5

Manual Integrations

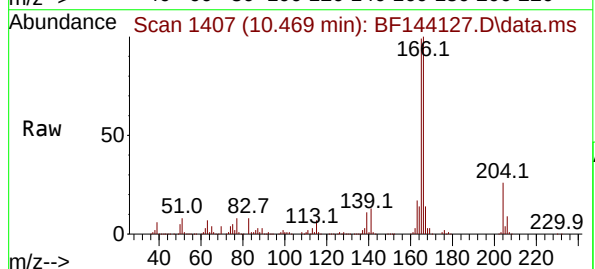
APPROVED

Reviewed By :Rahul Chavli 10/30/2025

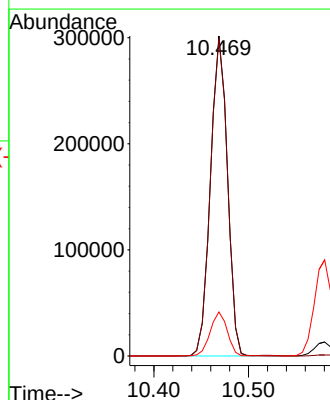
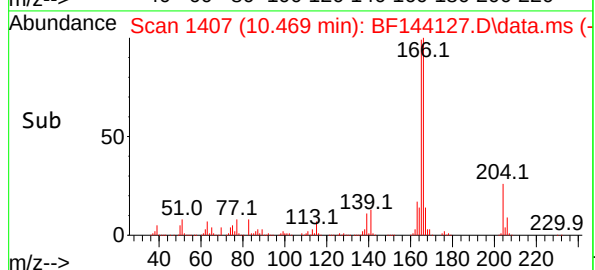
Supervised By :Jagrut Upadhyay 10/30/2025

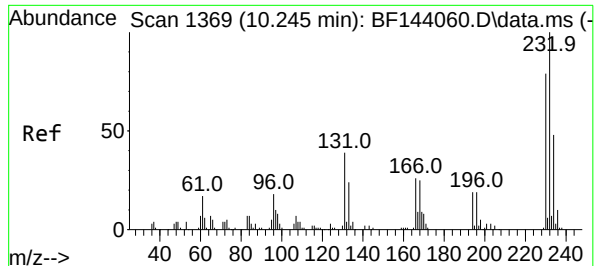


#58
Fluorene
Concen: 49.399 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



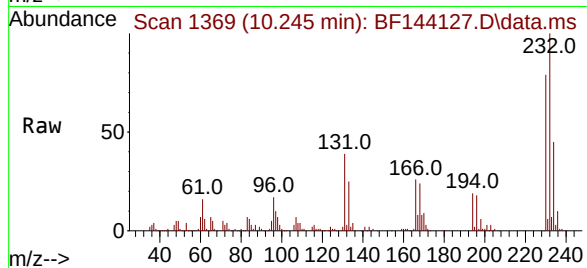
Tgt Ion:166 Resp: 374720
Ion Ratio Lower Upper
166 100
165 99.2 77.0 115.4
167 13.7 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.246 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

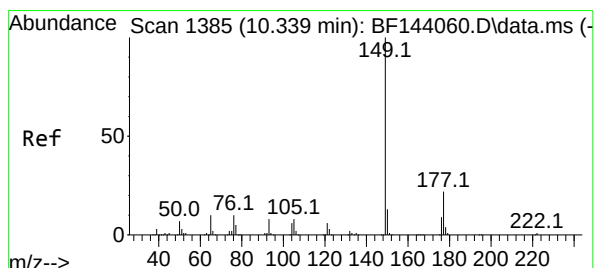
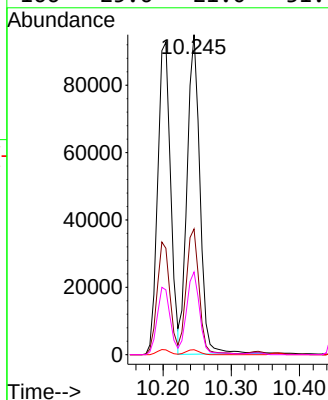
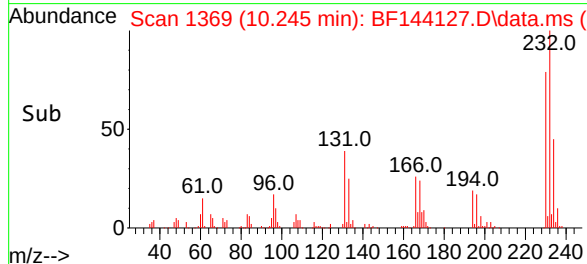
Instrument :
BNA_F
ClientSampleId :
TP-8MS



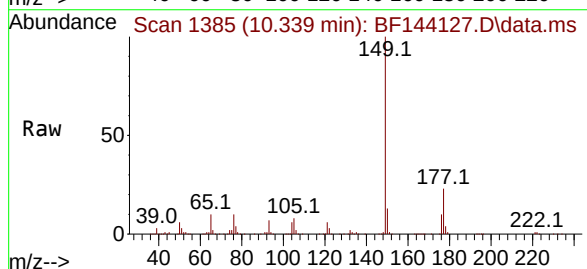
Tgt Ion:232 Resp: 12339
Ion Ratio Lower Upper
232 100
131 39.0 31.9 47.9
130 1.6 1.1 1.7
166 25.6 21.0 31.4

Manual Integrations
APPROVED

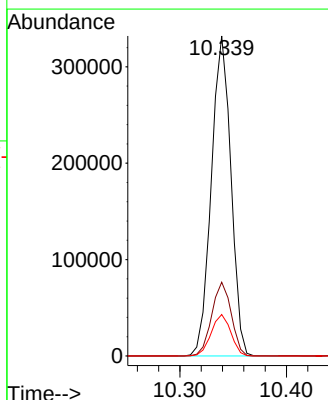
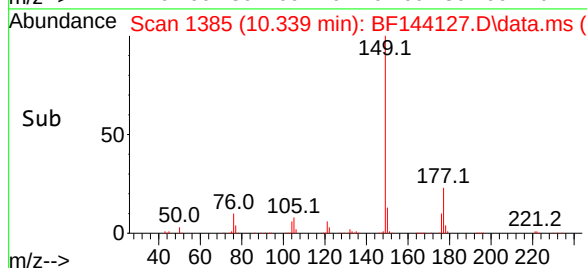
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

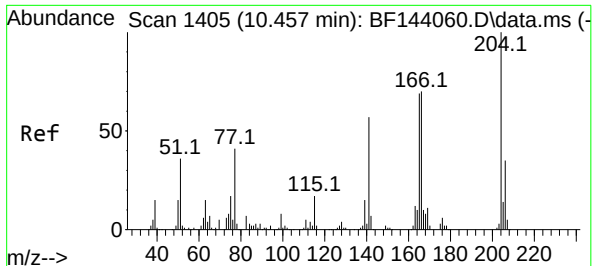


#60
Diethylphthalate
Concen: 51.848 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



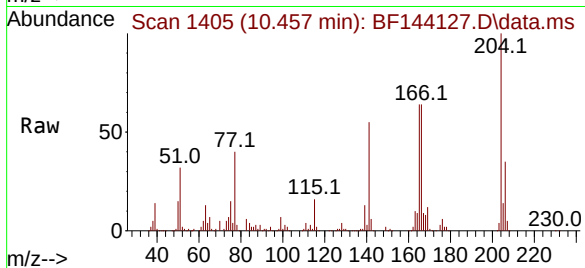
Tgt Ion:149 Resp: 424395
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.168 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

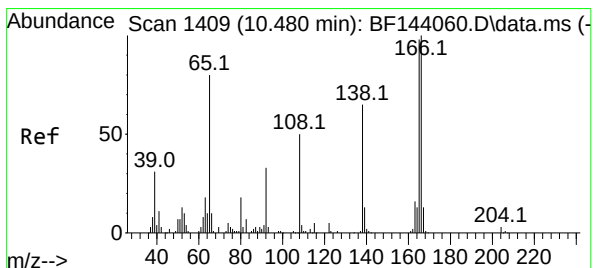
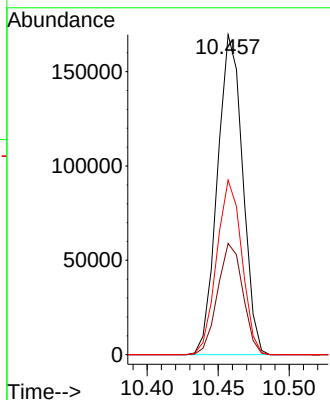
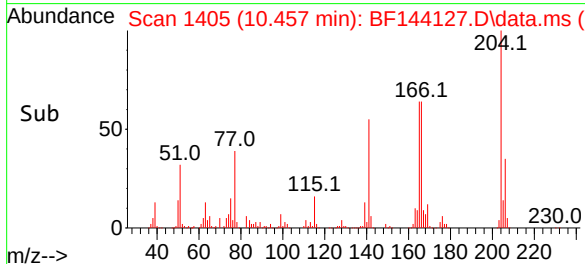
Instrument :
BNA_F
ClientSampleId :
TP-8MS



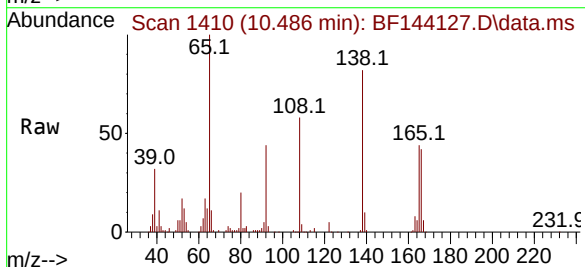
Tgt Ion:204 Resp: 209744
Ion Ratio Lower Upper
204 100
206 34.8 27.8 41.6
141 54.6 45.4 68.2

Manual Integrations
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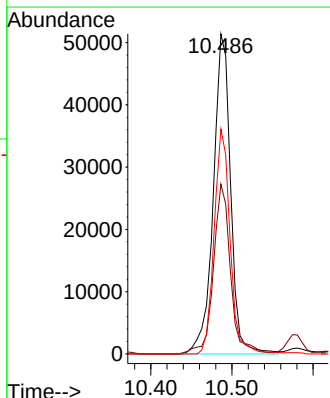
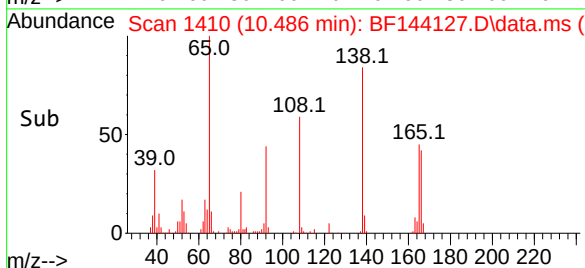
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

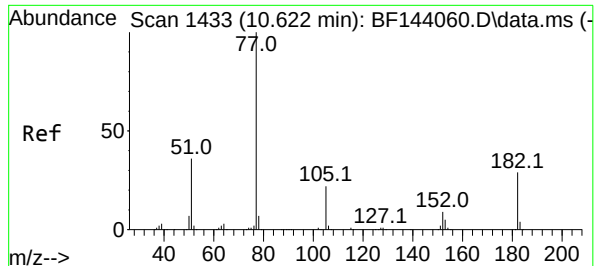


#62
4-Nitroaniline
Concen: 42.124 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



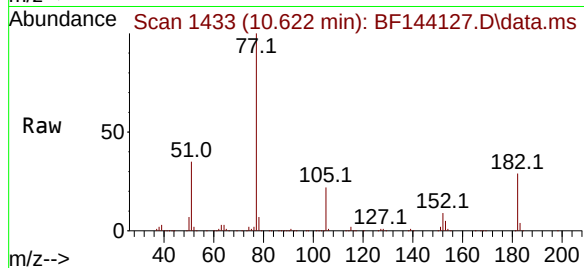
Tgt Ion:138 Resp: 76357
Ion Ratio Lower Upper
138 100
92 53.1 30.5 70.5
108 70.2 56.2 96.2





#63
Azobenzene
Concen: 50.276 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

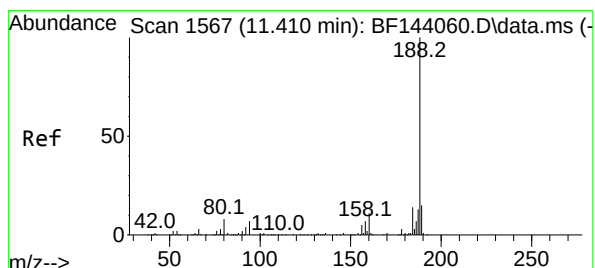
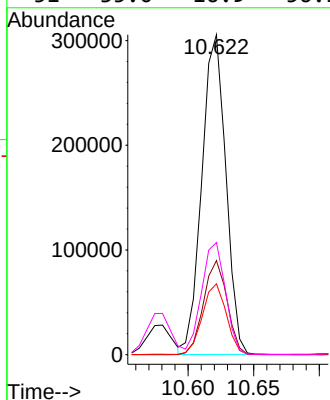
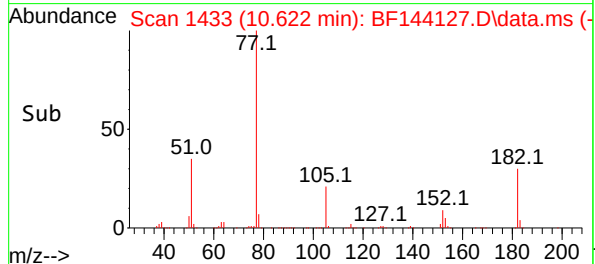
Instrument :
BNA_F
ClientSampleId :
TP-8MS



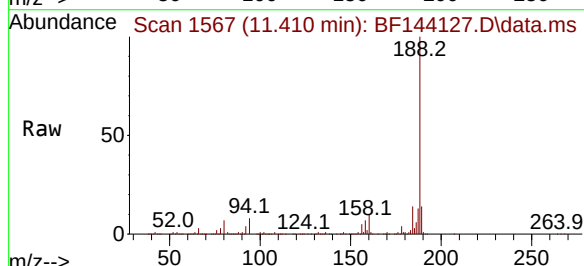
Tgt Ion: 77 Resp: 38950
Ion Ratio Lower Upper
77 100
182 29.4 9.0 49.0
105 22.2 1.4 41.4
51 35.0 16.9 56.9

Manual Integrations
APPROVED

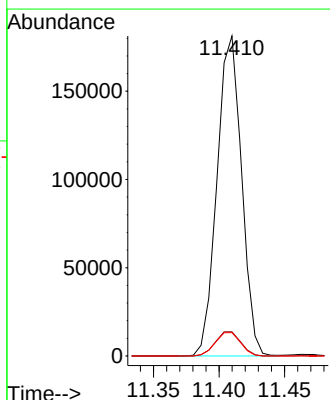
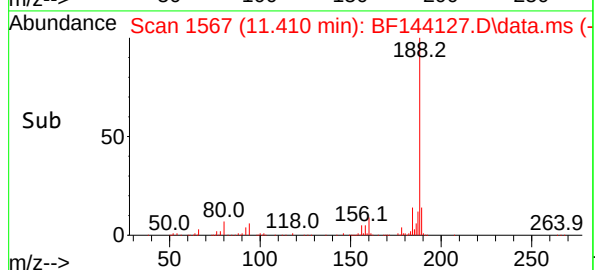
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

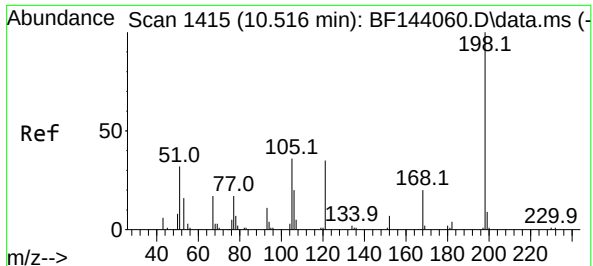


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:188 Resp: 236318
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.3 6.0 9.0





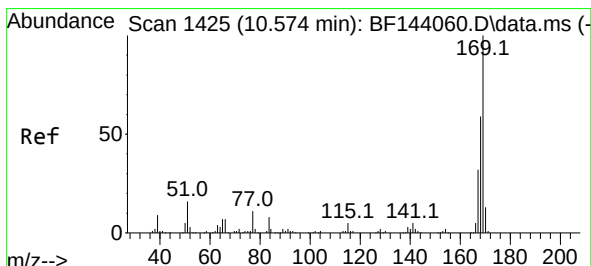
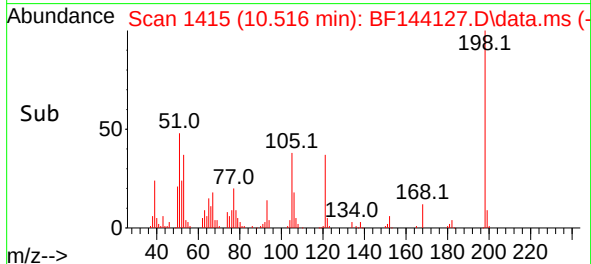
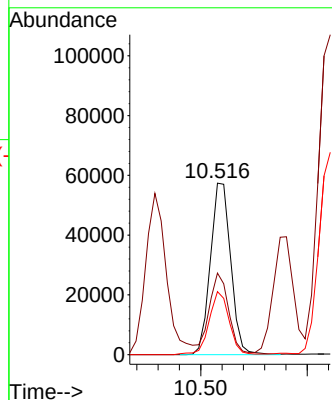
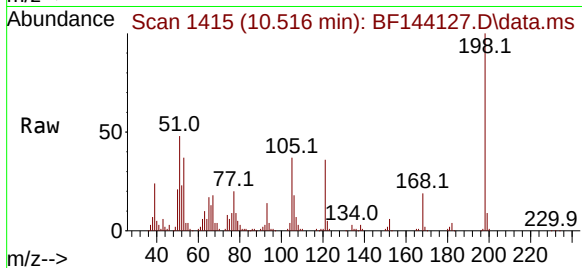
#65
4,6-Dinitro-2-methylphenol
Concen: 50.214 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:198 Resp: 7613
Ion Ratio Lower Upper
198 100
51 47.6 25.8 65.8
105 36.7 17.2 57.2

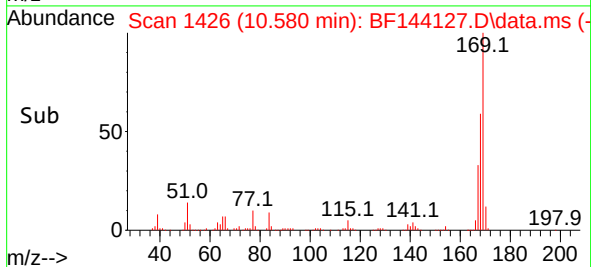
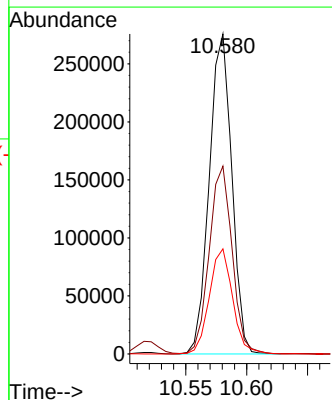
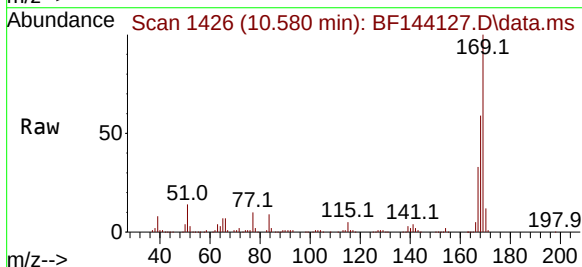
Manual Integrations
APPROVED

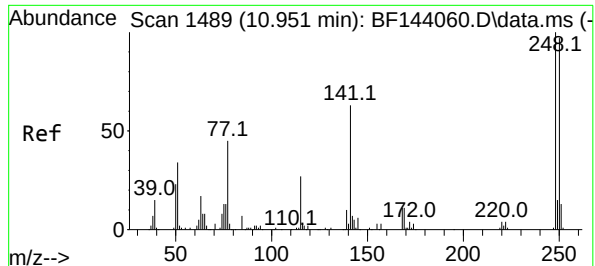
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#66
n-Nitrosodiphenylamine
Concen: 46.995 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

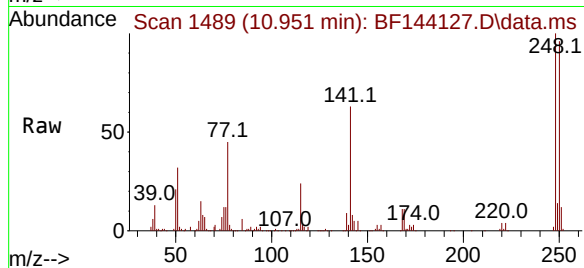
Tgt Ion:169 Resp: 354837
Ion Ratio Lower Upper
169 100
168 58.7 47.4 71.2
167 32.9 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 48.992 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

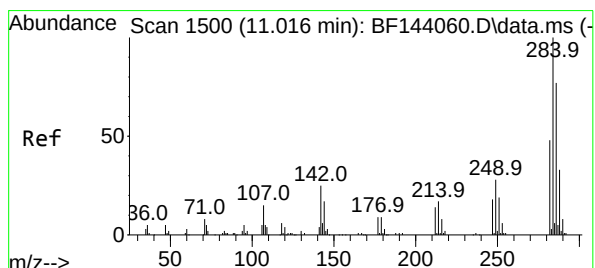
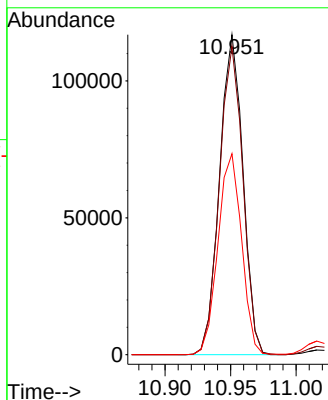
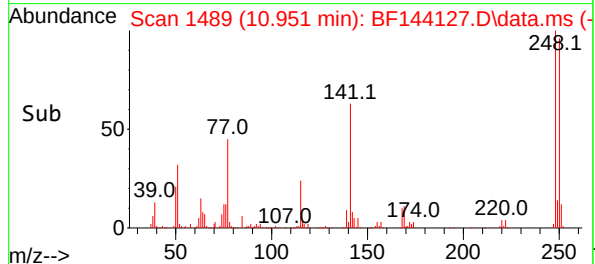
Instrument :
BNA_F
ClientSampleId :
TP-8MS



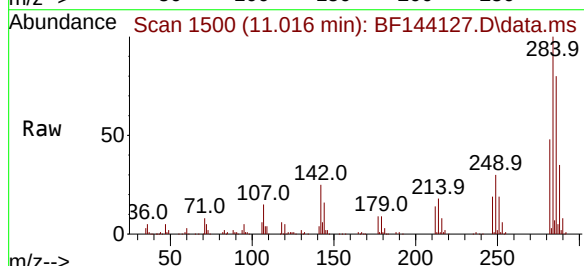
Tgt Ion:248 Resp: 144960
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 62.8 50.5 75.7

Manual Integrations
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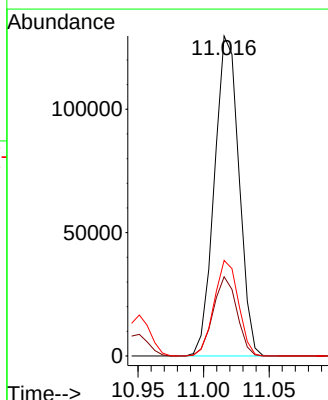
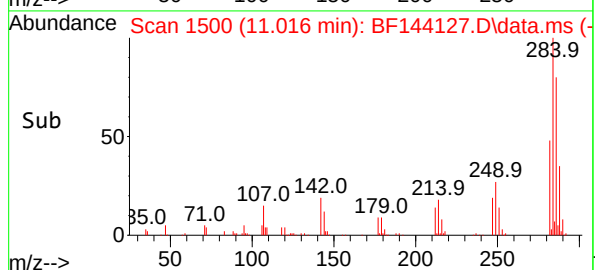
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

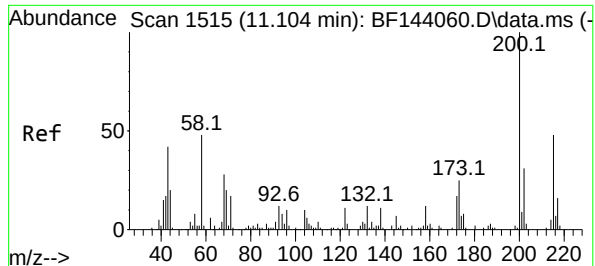


#68
Hexachlorobenzene
Concen: 46.470 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:284 Resp: 168631
Ion Ratio Lower Upper
284 100
142 24.8 20.0 30.0
249 29.9 22.2 33.2





#69

Atrazine

Concen: 26.442 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:200 Resp: 6551

Ion Ratio Lower Upper

200 100

173 26.6 4.9 44.9

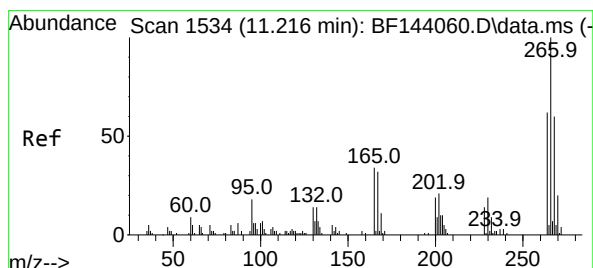
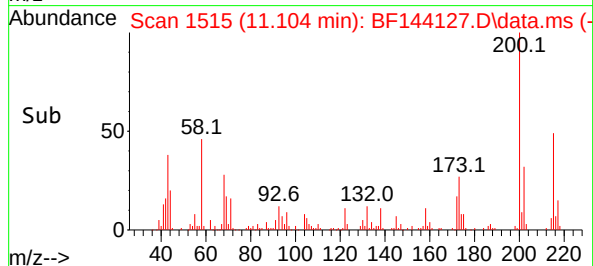
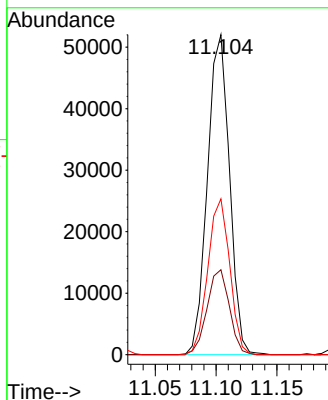
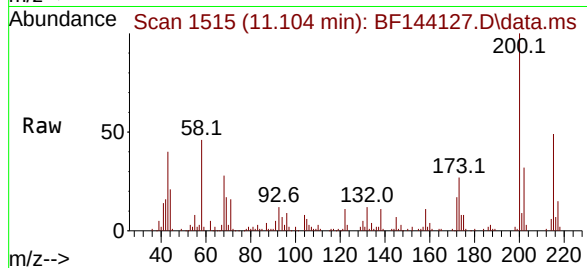
215 48.7 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#70

Pentachlorophenol

Concen: 102.057 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

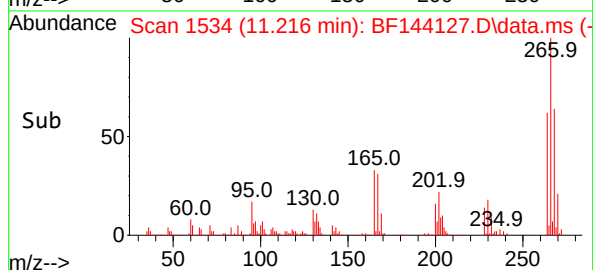
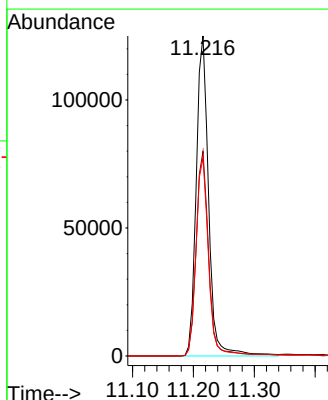
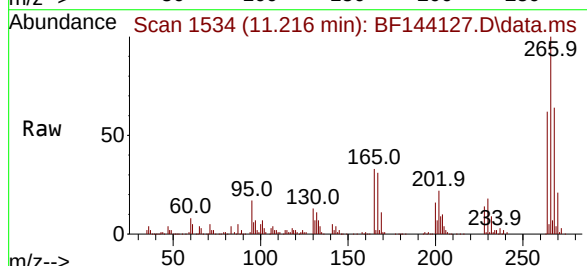
Tgt Ion:266 Resp: 176284

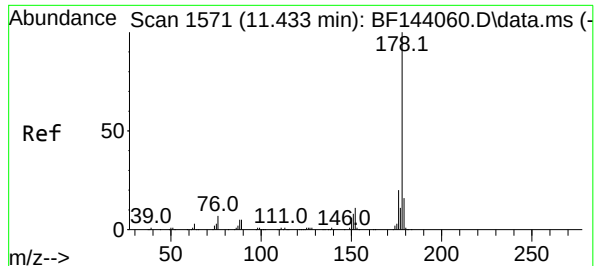
Ion Ratio Lower Upper

266 100

268 63.9 48.2 72.4

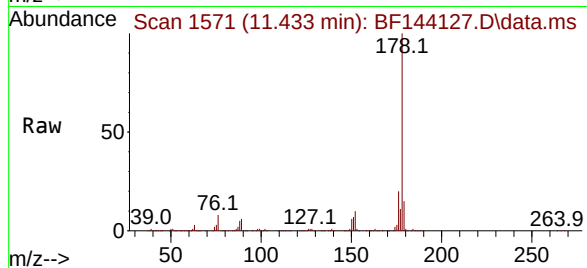
264 61.9 49.4 74.0





#71
Phenanthrene
Concen: 47.241 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

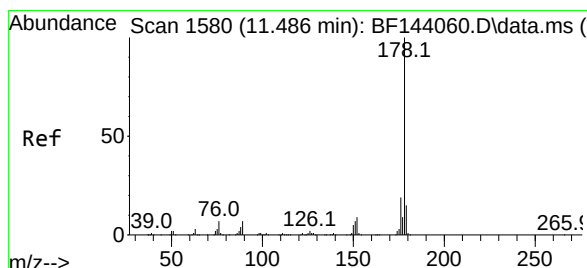
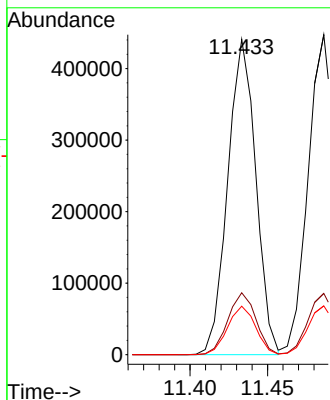
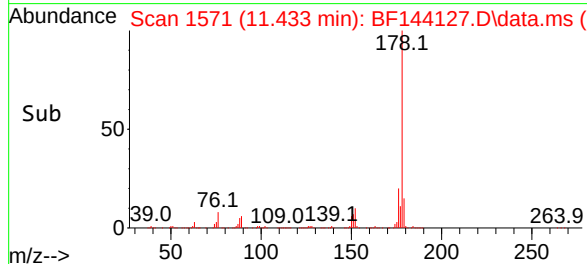
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:178 Resp: 554570
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.4 12.6 18.8

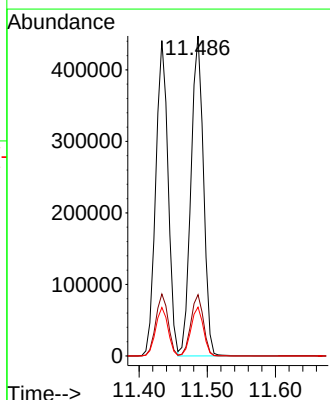
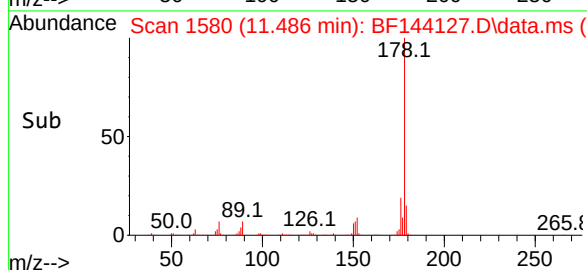
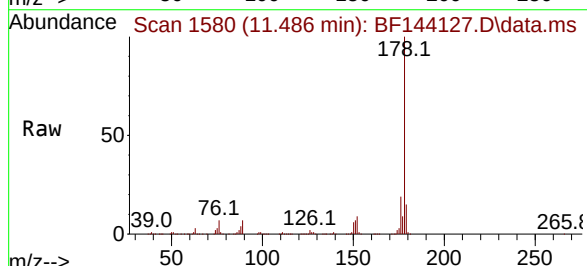
Manual Integrations
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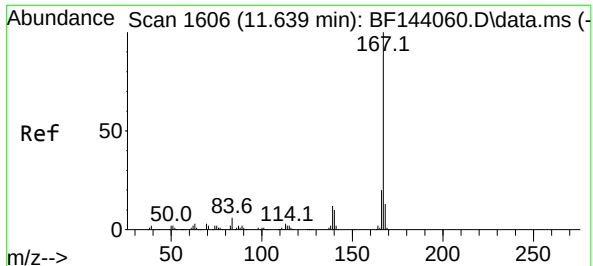
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#72
Anthracene
Concen: 46.677 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

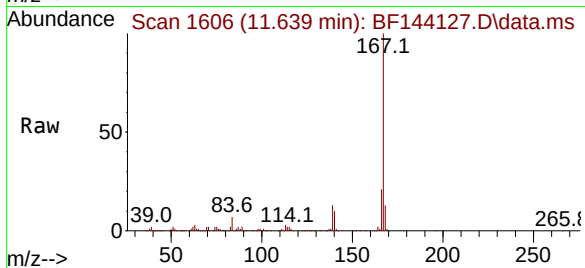
Tgt Ion:178 Resp: 566042
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.2 11.8 17.6





#73
Carbazole
Concen: 44.308 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

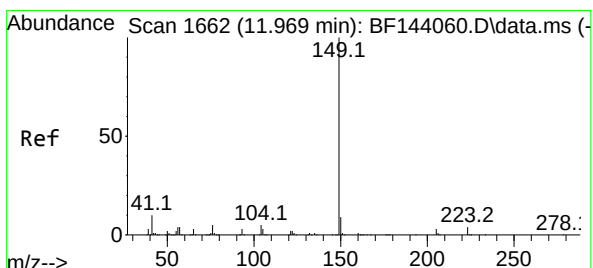
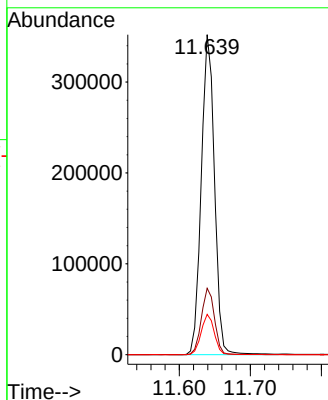
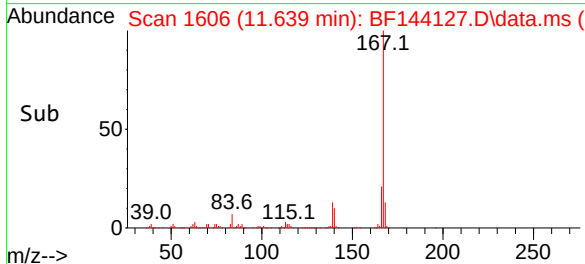
Instrument :
BNA_F
ClientSampleId :
TP-8MS



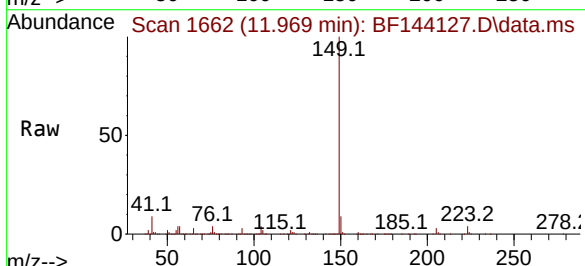
Tgt Ion:167 Resp: 45734
Ion Ratio Lower Upper
167 100
166 20.8 16.1 24.1
139 12.6 9.8 14.6

Manual Integrations
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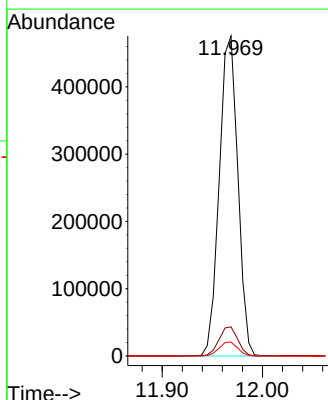
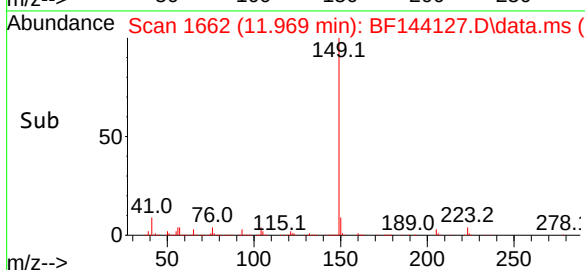
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

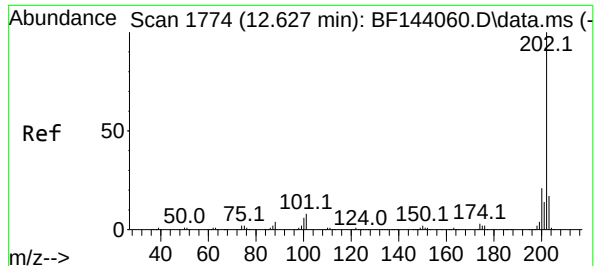


#74
Di-n-butylphthalate
Concen: 48.265 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:149 Resp: 610796
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 42.112 ng

RT: 12.621 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:202 Resp: 546179

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

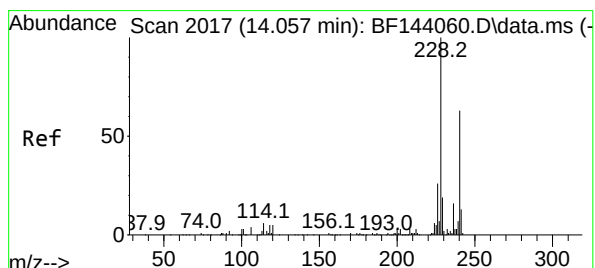
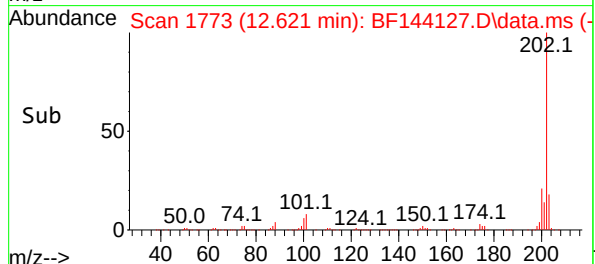
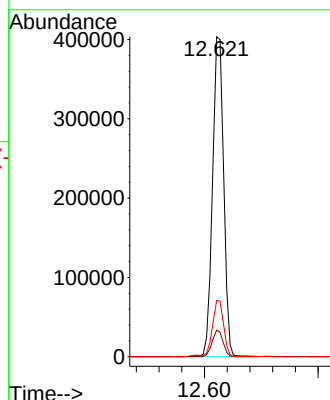
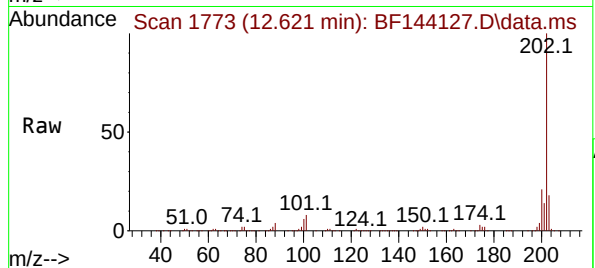
203 17.6 0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

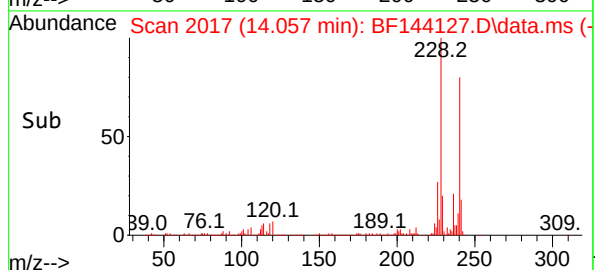
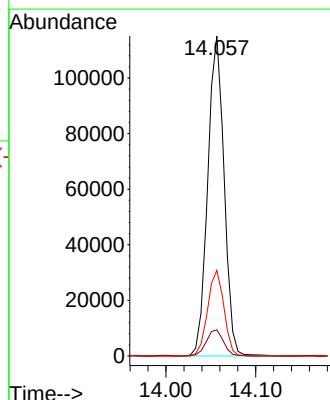
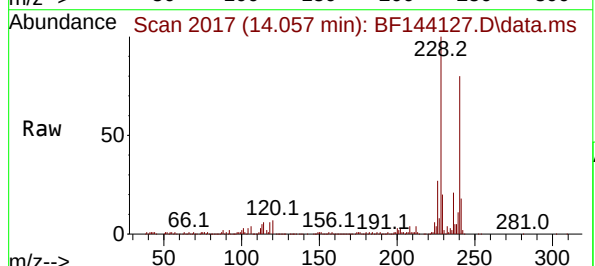
Tgt Ion:240 Resp: 145719

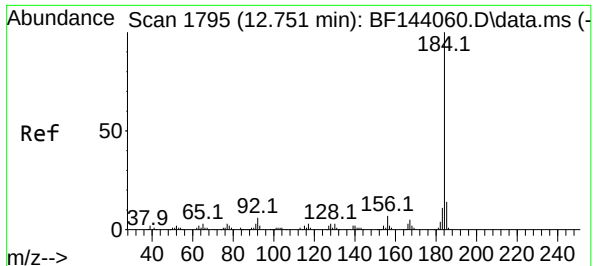
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.8 20.1 30.1





#77

Benzidine

Concen: 2.727 ng

RT: 12.757 min Scan# 1795

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

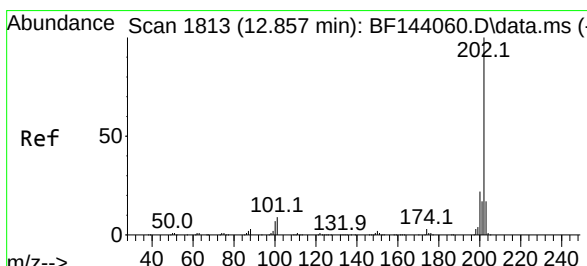
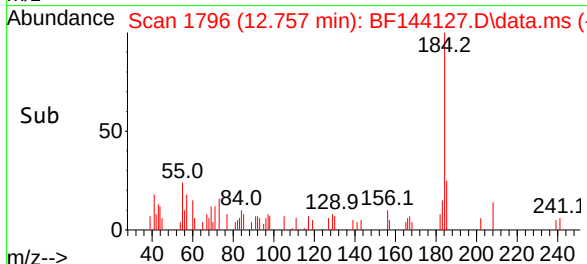
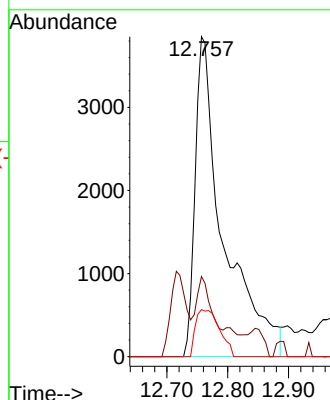
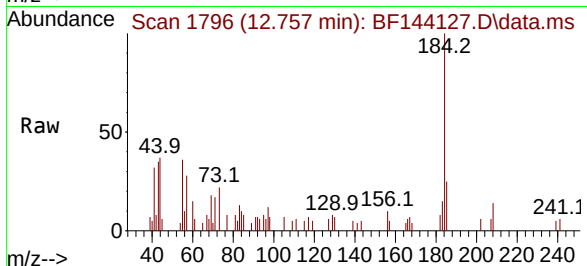
TP-8MS

Tgt Ion:184	Resp:	1236
Ion Ratio	Lower	Upper
184	100	
185	25.1	11.6 17.4
183	14.7	8.5 12.7

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#78

Pyrene

Concen: 51.157 ng

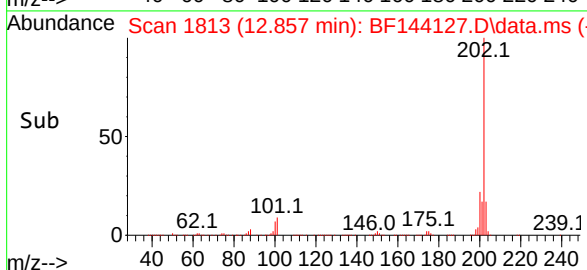
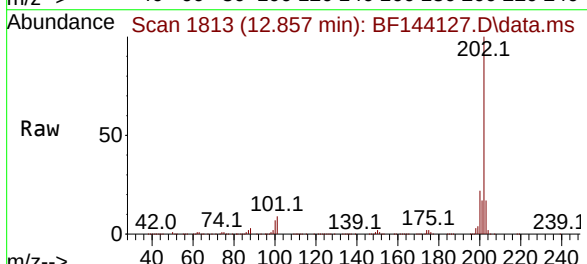
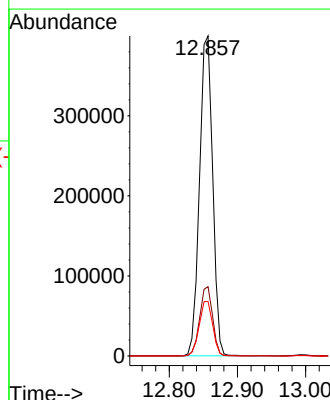
RT: 12.857 min Scan# 1813

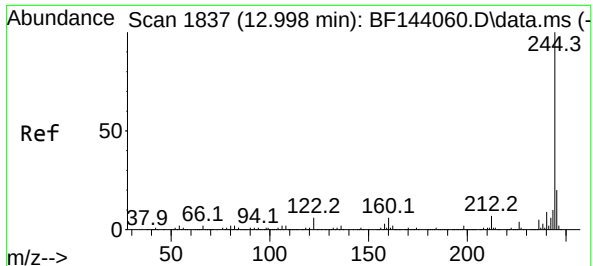
Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:202	Resp:	535929
Ion Ratio	Lower	Upper
202	100	
200	21.6	17.2 25.8
203	17.1	13.5 20.3





#79

Terphenyl-d14

Concen: 102.634 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144127.D

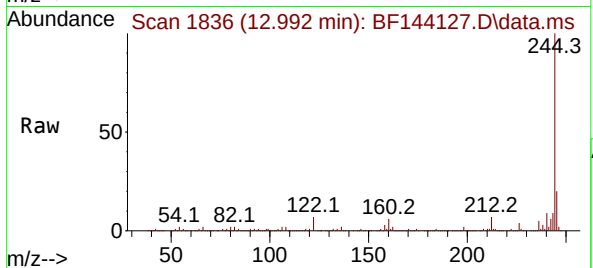
Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS



Tgt Ion:244 Resp: 85548

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

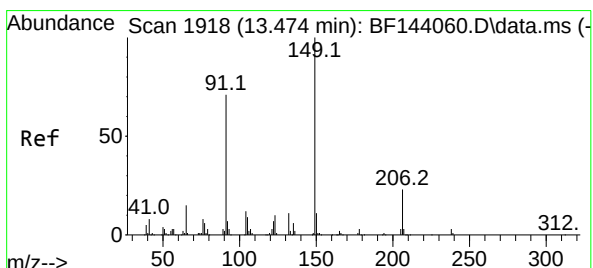
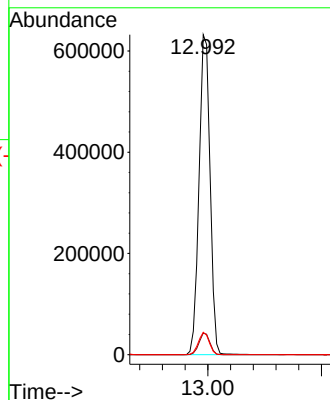
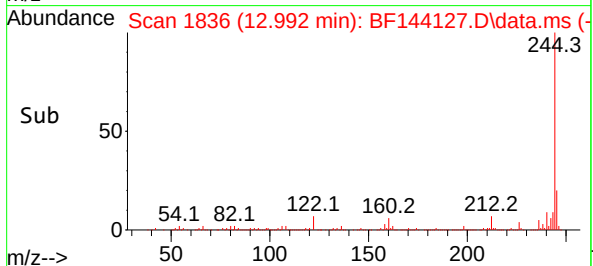
122 7.0 4.9 7.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#80

Butylbenzylphthalate

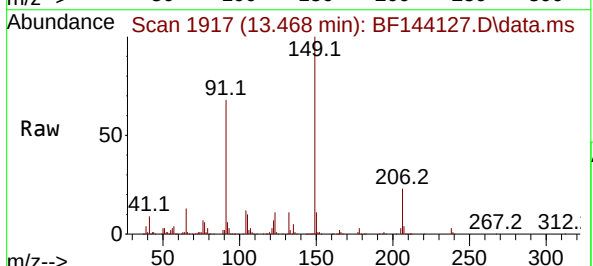
Concen: 54.245 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33



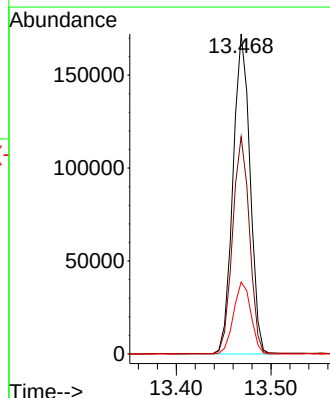
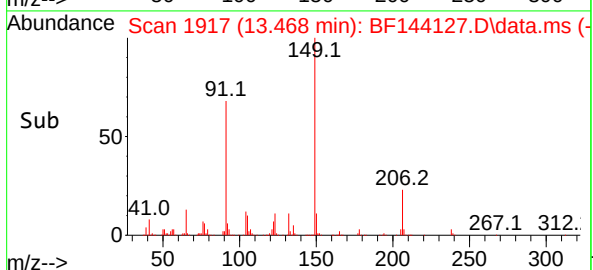
Tgt Ion:149 Resp: 214991

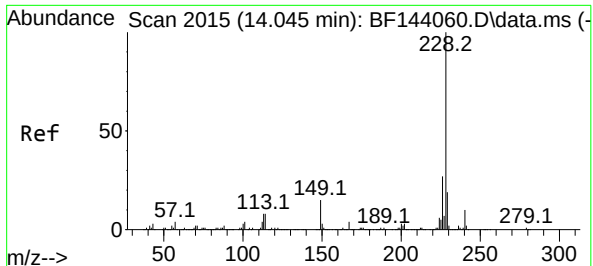
Ion Ratio Lower Upper

149 100

91 67.9 56.6 84.8

206 22.5 18.3 27.5





#81

Benzo(a)anthracene

Concen: 51.110 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:228 Resp: 503310

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

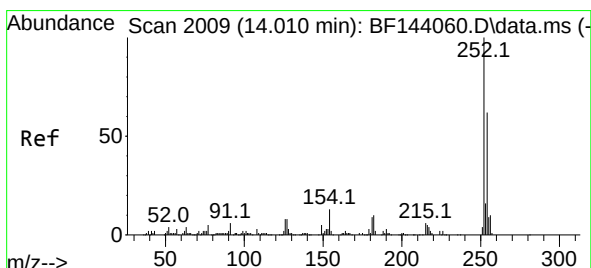
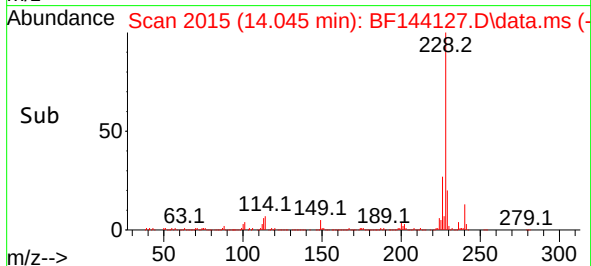
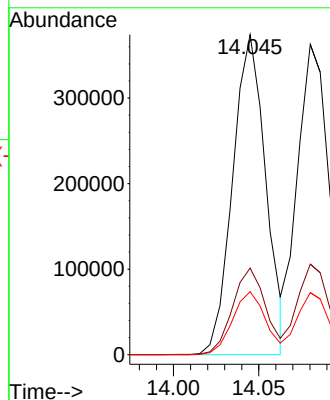
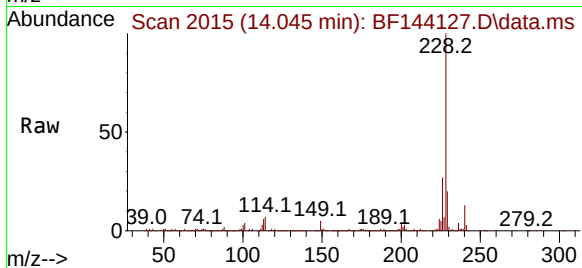
229 19.7 15.3 22.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#82

3,3'-Dichlorobenzidine

Concen: 9.189 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

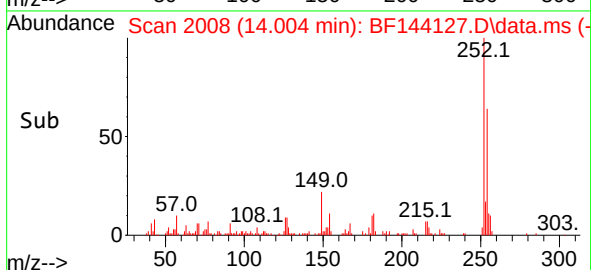
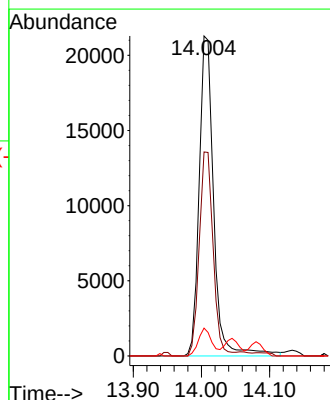
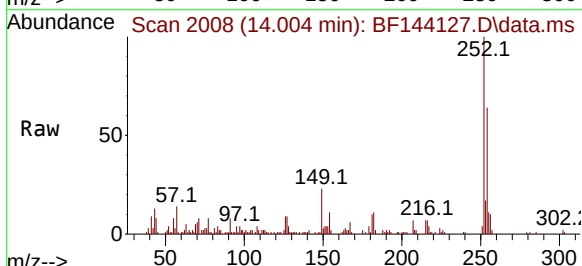
Tgt Ion:252 Resp: 31500

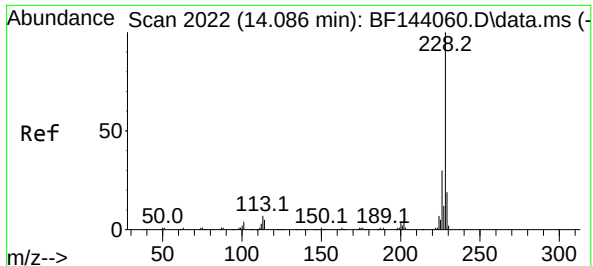
Ion Ratio Lower Upper

252 100

254 63.8 49.9 74.9

126 8.7 6.5 9.7





#83

Chrysene

Concen: 50.587 ng

RT: 14.080 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:228 Resp: 46748

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

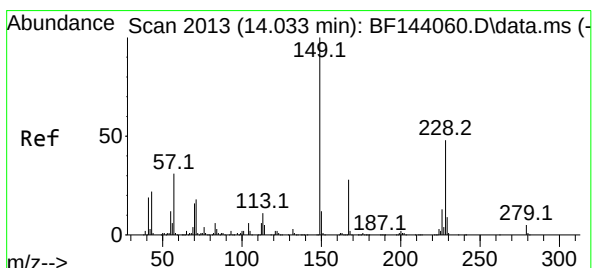
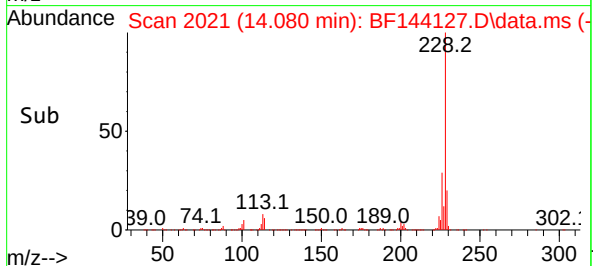
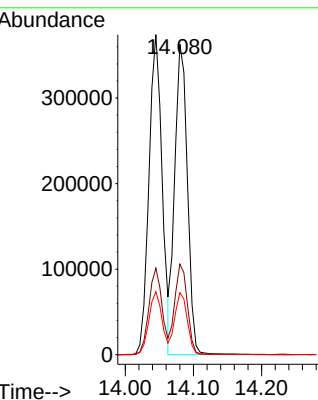
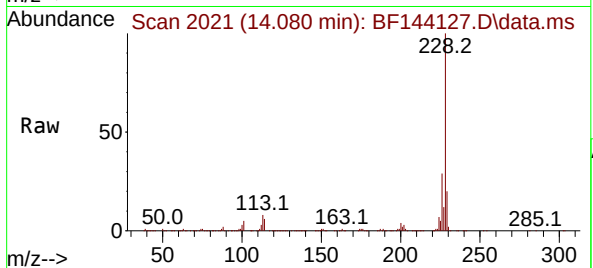
229 20.0 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.679 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

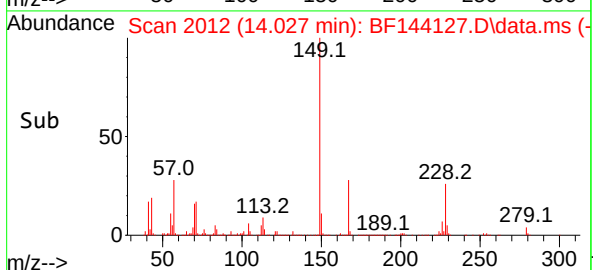
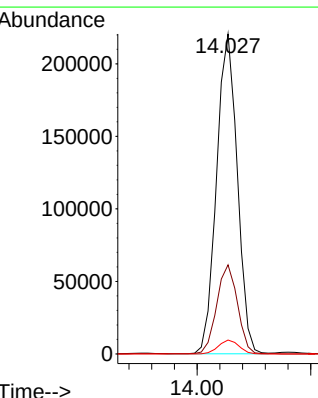
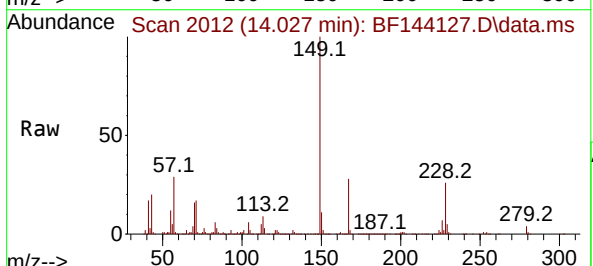
Tgt Ion:149 Resp: 279617

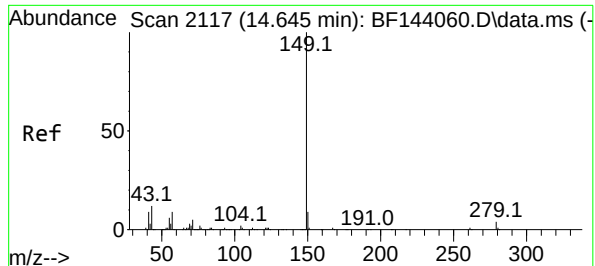
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

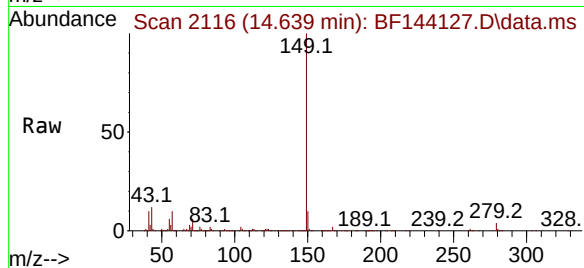
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 52.664 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

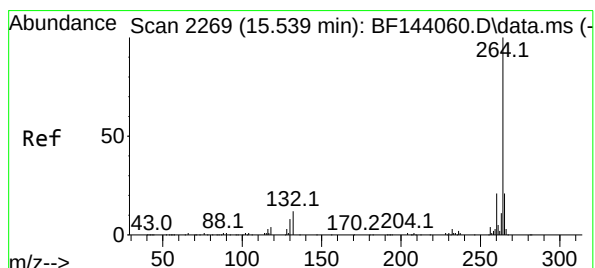
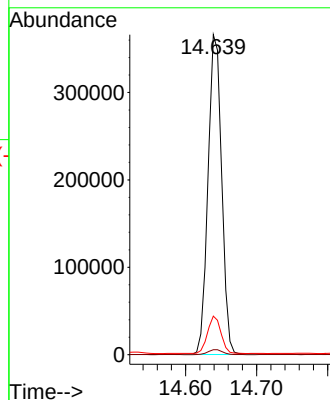
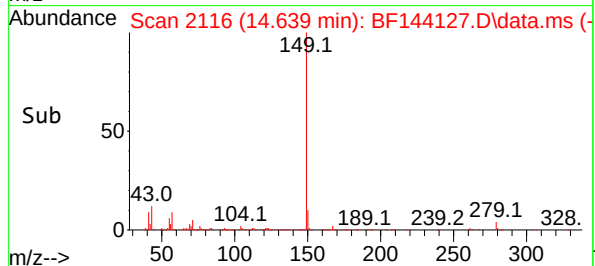
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:149 Resp: 490030
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.4 9.3 13.9

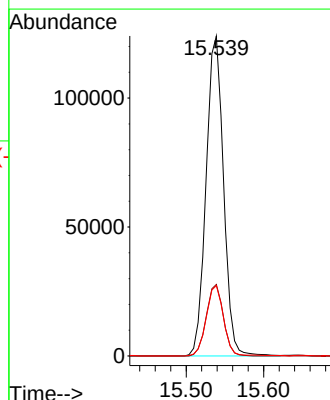
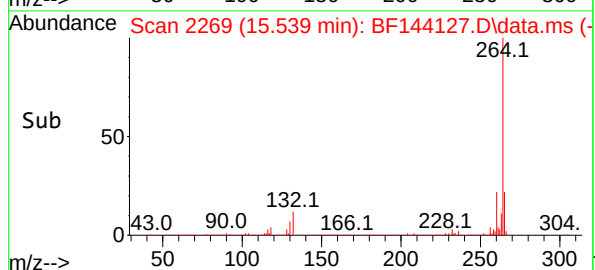
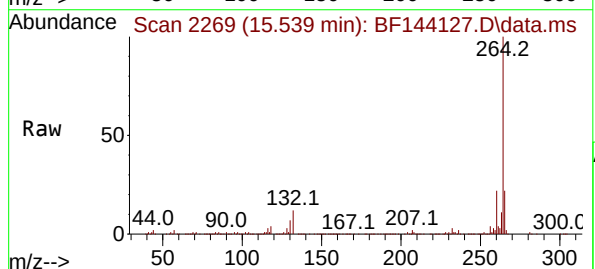
Manual Integrations
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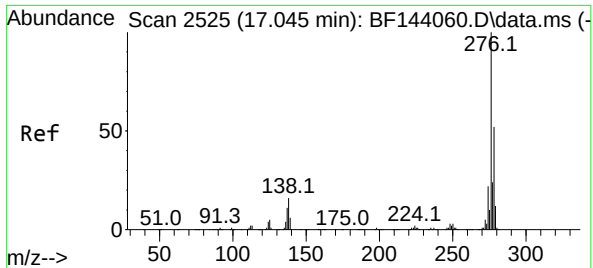
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:264 Resp: 194108
Ion Ratio Lower Upper
264 100
260 22.3 17.0 25.4
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.506 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:276 Resp: 539800

Ion Ratio Lower Upper

276 100

138 17.1 13.0 19.6

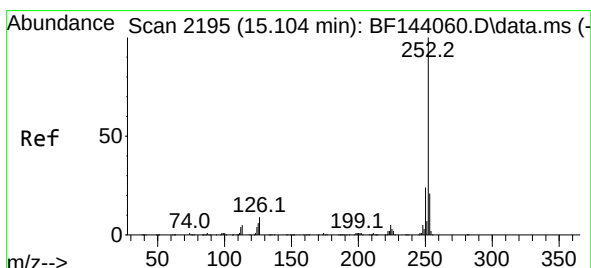
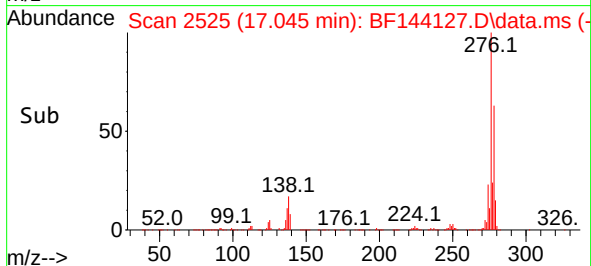
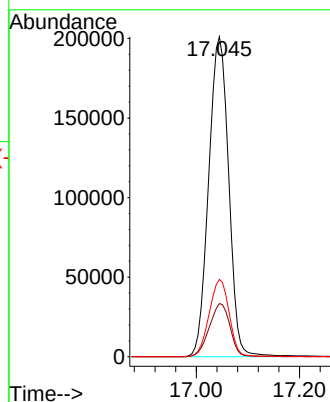
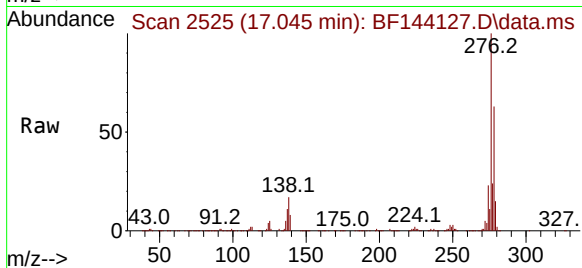
277 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#88

Benzo(b)fluoranthene

Concen: 47.961 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

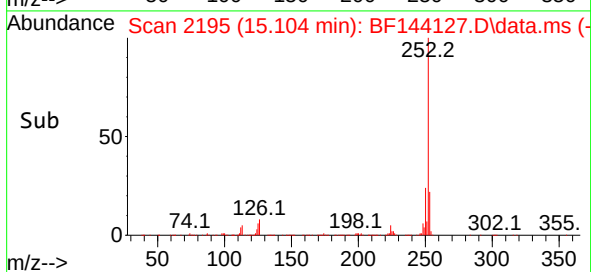
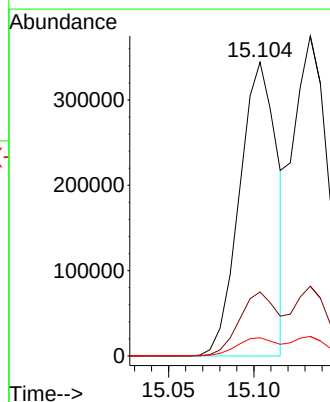
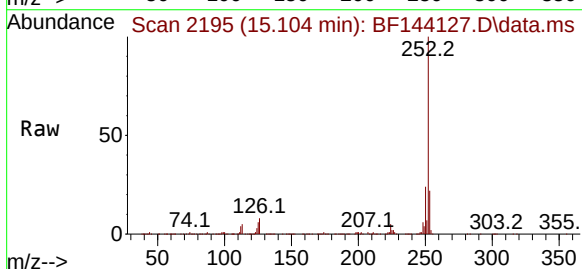
Tgt Ion:252 Resp: 526302

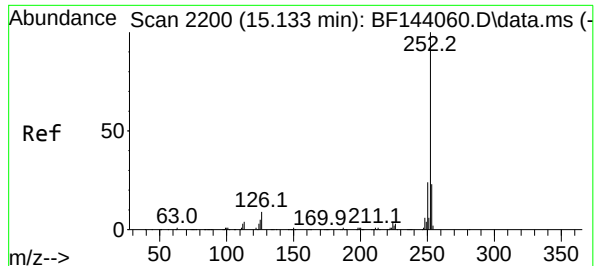
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 6.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 53.047 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:252 Resp: 53707

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

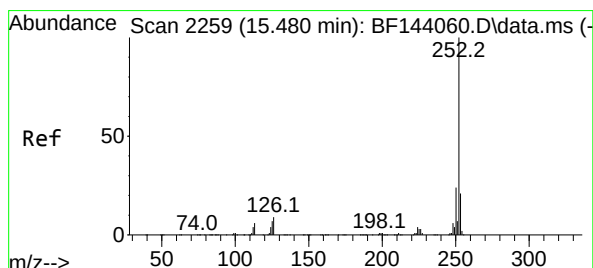
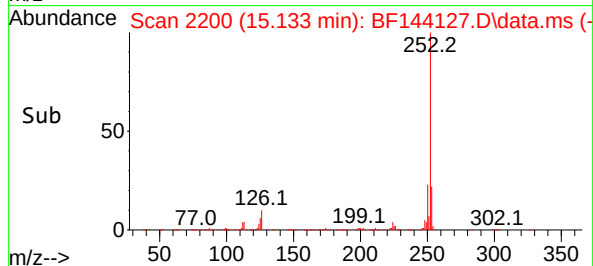
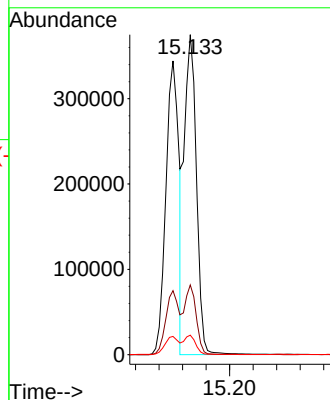
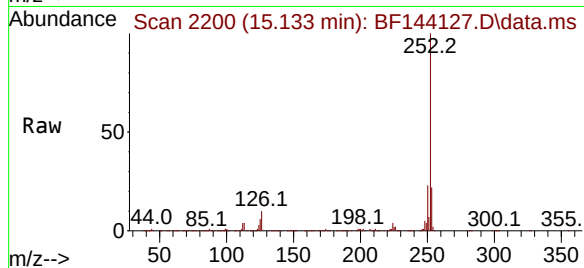
125 6.1 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#90

Benzo(a)pyrene

Concen: 52.375 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

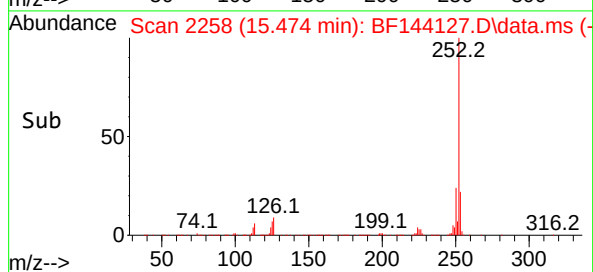
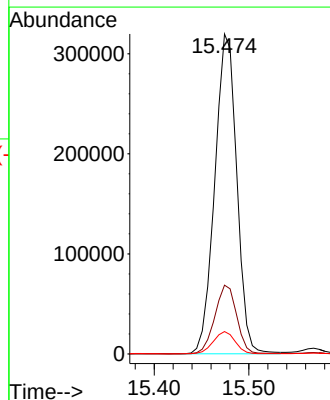
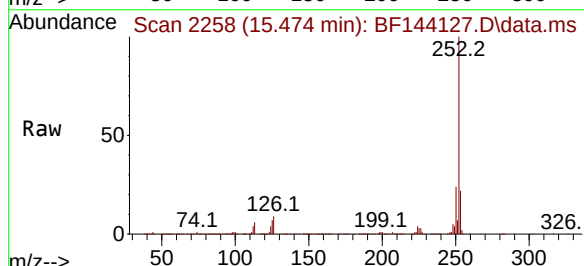
Tgt Ion:252 Resp: 515620

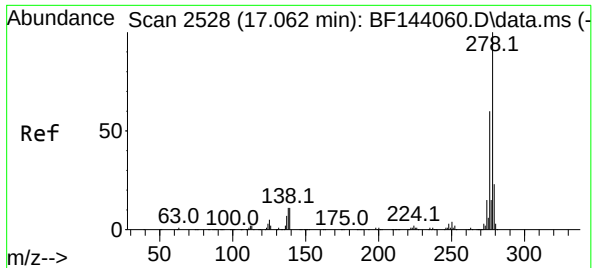
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

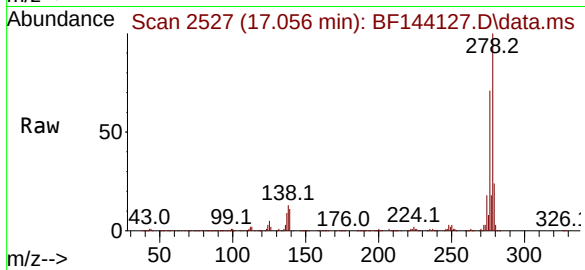
125 7.0 5.4 8.2





#91
Dibenzo(a,h)anthracene
Concen: 42.359 ng
RT: 17.056 min Scan# 2528
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

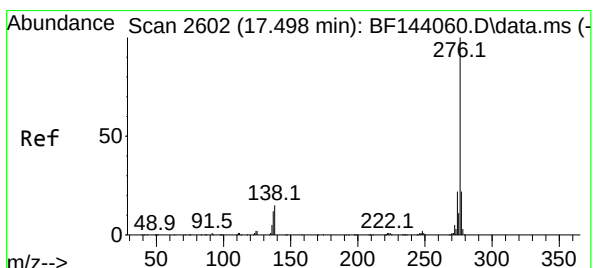
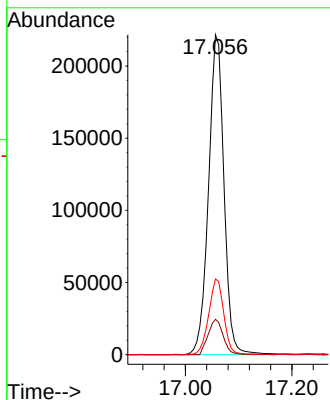
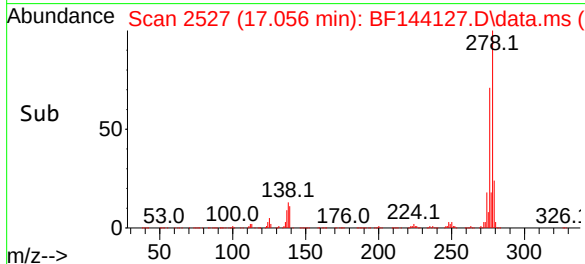
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion: 278 Resp: 446840
Ion Ratio Lower Upper
278 100
139 11.1 8.5 12.7
279 23.7 18.6 28.0

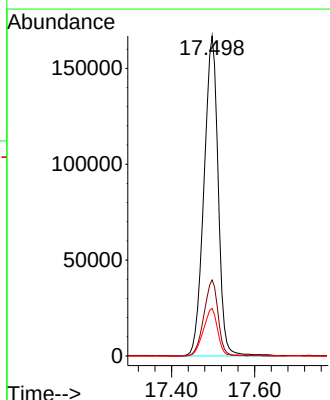
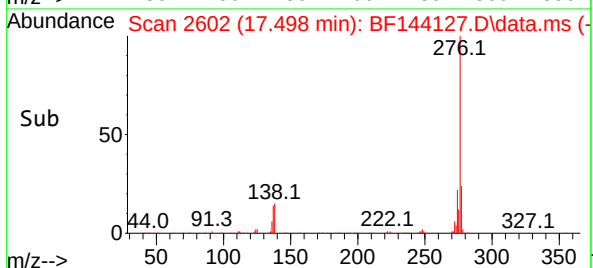
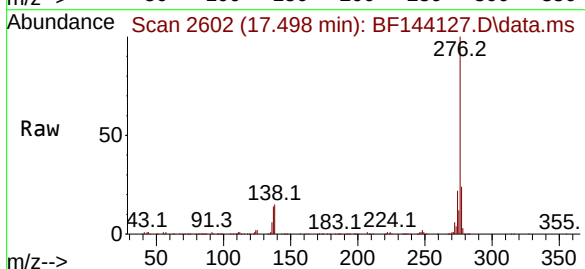
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#92
Benzo(g,h,i)perylene
Concen: 37.345 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion: 276 Resp: 396078
Ion Ratio Lower Upper
276 100
277 23.7 17.9 26.9
138 14.9 12.0 18.0



Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/21/25	
Project: RFP 905	Date Received: 10/22/25	
Client Sample ID: TP-8MSD	SDG No.: Q3447	
Lab Sample ID: Q3427-04MSD	Matrix: TCLP	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP BNA	
Prep Method: SW3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 10/27/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	290		1	12.8	50.0	ug/L	10/29/25 15:02	PB170267
106-46-7	1,4-Dichlorobenzene	470		1	5.30	50.0	ug/L	10/29/25 15:02	PB170267
95-48-7	2-Methylphenol	490		1	11.2	50.0	ug/L	10/29/25 15:02	PB170267
65794-96-9	3+4-Methylphenols	500		1	11.0	100	ug/L	10/29/25 15:02	PB170267
67-72-1	Hexachloroethane	440		1	6.50	50.0	ug/L	10/29/25 15:02	PB170267
98-95-3	Nitrobenzene	480		1	7.60	50.0	ug/L	10/29/25 15:02	PB170267
87-68-3	Hexachlorobutadiene	450		1	5.40	50.0	ug/L	10/29/25 15:02	PB170267
88-06-2	2,4,6-Trichlorophenol	520		1	5.10	50.0	ug/L	10/29/25 15:02	PB170267
95-95-4	2,4,5-Trichlorophenol	530		1	6.20	50.0	ug/L	10/29/25 15:02	PB170267
121-14-2	2,4-Dinitrotoluene	580		1	12.2	50.0	ug/L	10/29/25 15:02	PB170267
118-74-1	Hexachlorobenzene	520		1	5.20	50.0	ug/L	10/29/25 15:02	PB170267
87-86-5	Pentachlorophenol	1100	E	1	15.8	100	ug/L	10/29/25 15:02	PB170267
SURROGATES									
367-12-4	2-Fluorophenol	134			23 - 138	89%	SPK: 150		
13127-88-3	Phenol-d6	131			10 - 134	87%	SPK: 150		
4165-60-0	Nitrobenzene-d5	98.1			67 - 132	98%	SPK: 100		
321-60-8	2-Fluorobiphenyl	95.2			52 - 132	95%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	158			44 - 137	106%	SPK: 150		
1718-51-0	Terphenyl-d14	105			42 - 152	105%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	58600							
1146-65-2	Naphthalene-d8	225000							
15067-26-2	Acenaphthene-d10	127000							
1517-22-2	Phenanthrene-d10	221000							
1719-03-5	Chrysene-d12	151000							
1520-96-3	Perylene-d12	191000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144128.D
 Acq On : 29 Oct 2025 15:02
 Operator : RC/JU
 Sample : Q3427-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025

Quant Time: Oct 29 15:23:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 17:30:25 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58632	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	225036	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	126691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221499	20.000	ng	0.00
76) Chrysene-d12	14.057	240	150723	20.000	ng	0.00
86) Perylene-d12	15.539	264	191043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	497011	134.112	ng	0.02
7) Phenol-d6	6.510	99	536993	131.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	403131	98.146	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	255761	158.484	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	857048	95.196	ng	0.00
79) Terphenyl-d14	12.998	244	900993	104.505	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.799	88	68280	42.637	ng	# 74
3) Pyridine	3.522	79	124523	29.045	ng	98
4) n-Nitrosodimethylamine	3.463	42	120490	45.737	ng	93
6) Aniline	6.545	93	54181	9.253	ng	# 92
8) 2-Chlorophenol	6.669	128	176726	48.423	ng	97
10) Phenol	6.528	94	206581	40.912	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	180971	49.600	ng	98
12) 1,3-Dichlorobenzene	6.822	146	207421	46.073	ng	98
13) 1,4-Dichlorobenzene	6.898	146	210520	47.449	ng	98
14) 1,2-Dichlorobenzene	7.051	146	204799	47.706	ng	98
15) Benzyl Alcohol	7.022	79	163972	49.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	339108	49.452	ng	93
17) 2-Methylphenol	7.134	107	138304	49.272	ng	99
18) Hexachloroethane	7.393	117	70570	44.489	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	142211	53.732	ng	95
20) 3+4-Methylphenols	7.287	107	165258	49.802	ng	# 72
22) Acetophenone	7.287	105	269972	55.512	ng	96
24) Nitrobenzene	7.463	77	209452	48.204	ng	100
25) Isophorone	7.698	82	383797	53.445	ng	99
26) 2-Nitrophenol	7.775	139	101839	49.268	ng	99
27) 2,4-Dimethylphenol	7.810	122	173988	56.642	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	231654	51.728	ng	98
29) 2,4-Dichlorophenol	8.022	162	183704	51.426	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	186163	50.657	ng	99
31) Naphthalene	8.181	128	507996	47.829	ng	99
32) Benzoic acid	7.945	122	124449	63.871	ng	# 85
33) 4-Chloroaniline	8.234	127	13267	3.588	ng	95
34) Hexachlorobutadiene	8.298	225	135053	44.943	ng	98
35) Caprolactam	8.598	113	46789m	52.232	ng	
36) 4-Chloro-3-methylphenol	8.716	107	166611	52.853	ng	97
37) 2-Methylnaphthalene	8.875	142	326905	46.683	ng	95
38) 1-Methylnaphthalene	8.975	142	333527	50.273	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	227580	52.268	ng	99
41) Hexachlorocyclopentadiene	9.028	237	174921	130.069	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	147786	52.218	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	156703	52.758	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144128.D
 Acq On : 29 Oct 2025 15:02
 Operator : RC/JU
 Sample : Q3427-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Quant Time: Oct 29 15:23:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

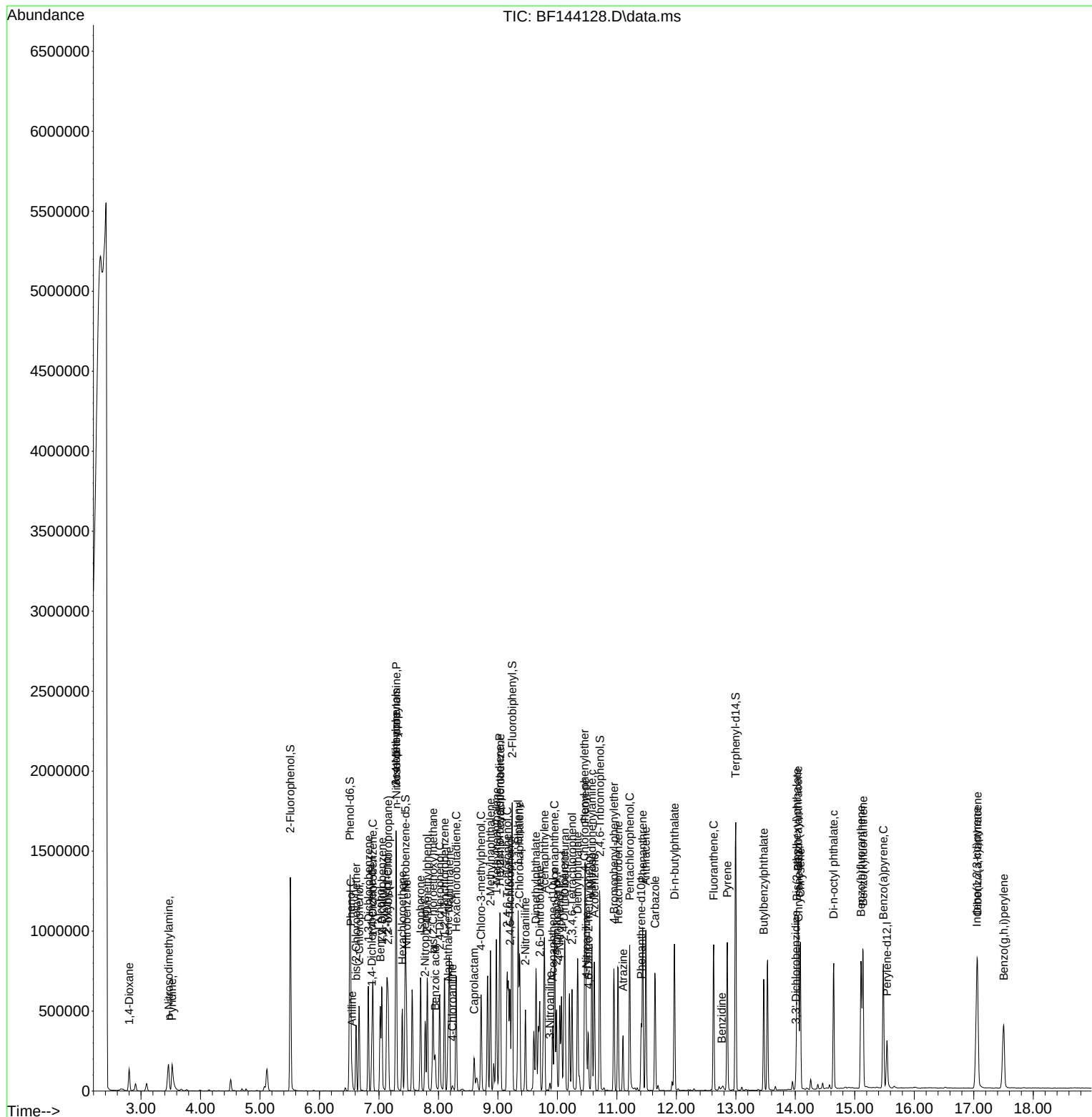
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	490660	54.102	ng	100
47) 2-Chloronaphthalene	9.363	162	372919	49.082	ng	98
48) 2-Nitroaniline	9.463	65	117578	52.114	ng	97
49) Acenaphthylene	9.781	152	585529	57.154	ng	99
50) Dimethylphthalate	9.639	163	465880	56.101	ng	100
51) 2,6-Dinitrotoluene	9.704	165	96167	58.578	ng	95
52) Acenaphthene	9.951	154	325442	47.566	ng	99
53) 3-Nitroaniline	9.875	138	11177	6.124	ng	92
54) 2,4-Dinitrophenol	9.986	184	102318	115.232	ng	98
55) Dibenzofuran	10.128	168	489325	51.517	ng	98
56) 4-Nitrophenol	10.039	139	115774	93.669	ng	91
57) 2,4-Dinitrotoluene	10.110	165	128780	58.122	ng	97
58) Fluorene	10.469	166	378814	52.342	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	122911	58.723	ng	99
60) Diethylphthalate	10.339	149	426164	54.569	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	211510	51.968	ng	98
62) 4-Nitroaniline	10.486	138	70579	40.810	ng	94
63) Azobenzene	10.622	77	395412	53.495	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76836	54.068	ng	95
66) n-Nitrosodiphenylamine	10.581	169	350057	49.464	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	147882	53.323	ng	98
68) Hexachlorobenzene	11.022	284	177748	52.260	ng	97
69) Atrazine	11.104	200	58611	25.239	ng	99
70) Pentachlorophenol	11.216	266	181809	112.298	ng	97
71) Phenanthrene	11.433	178	567418	51.569	ng	99
72) Anthracene	11.486	178	577547	50.812	ng	99
73) Carbazole	11.639	167	443592	45.851	ng	97
74) Di-n-butylphthalate	11.969	149	640621	54.009	ng	99
75) Fluoranthene	12.627	202	560069	46.072	ng	99
77) Benzidine	12.763	184	13841m	2.951	ng	
78) Pyrene	12.857	202	560881	51.761	ng	99
80) Butylbenzylphthalate	13.469	149	225098	54.910	ng	99
81) Benzo(a)anthracene	14.045	228	527127	51.750	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	21724	6.127	ng	99
83) Chrysene	14.086	228	511132	53.474	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	303321	54.199	ng	99
85) Di-n-octyl phthalate	14.645	149	528604	54.924	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	564309	43.024	ng	98
88) Benzo(b)fluoranthene	15.104	252	587435	54.391	ng	100
89) Benzo(k)fluoranthene	15.139	252	522551	52.440	ng	99
90) Benzo(a)pyrene	15.480	252	546298	56.382	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	464083	44.699	ng	99
92) Benzo(g,h,i)perylene	17.504	276	411523	39.424	ng	98

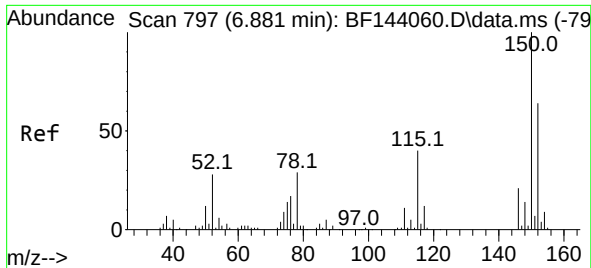
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jaqrut Upadhyay 10/30/2025

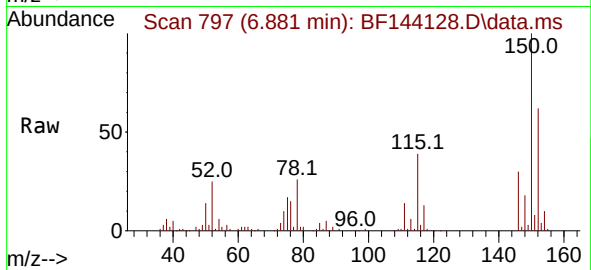
Quant Time: Oct 29 15:23:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

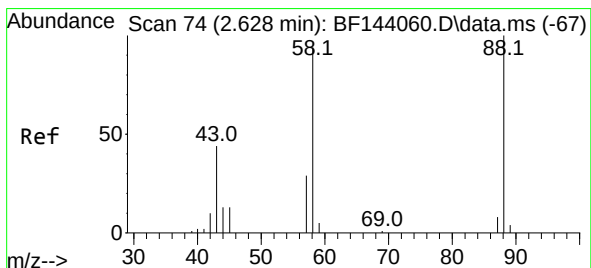
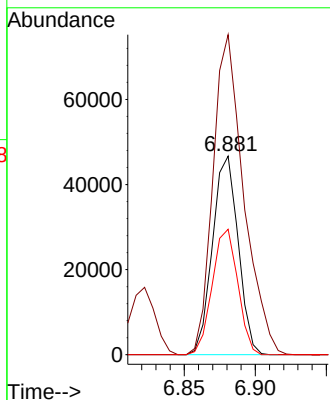
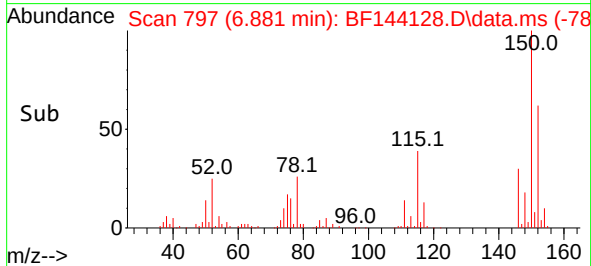
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



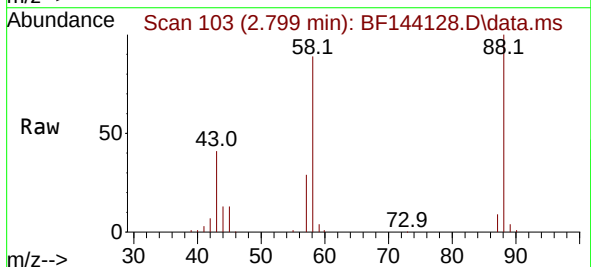
Tgt Ion:152 Resp: 58632
Ion Ratio Lower Upper
152 100
150 161.1 124.4 186.6
115 63.2 49.4 74.0

Manual Integrations
APPROVED

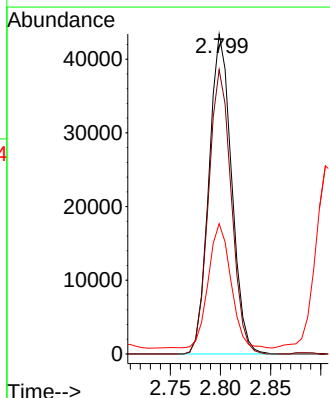
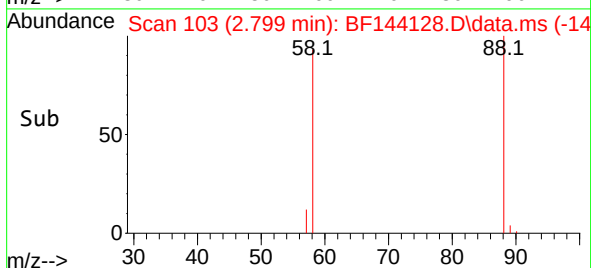
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

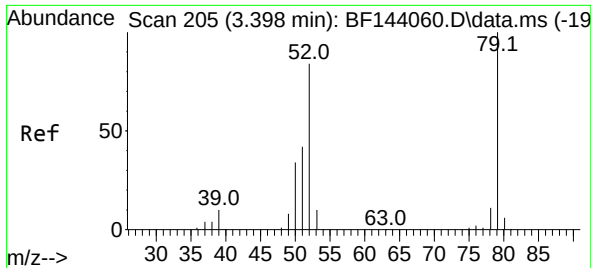


#2
1,4-Dioxane
Concen: 42.637 ng
RT: 2.799 min Scan# 103
Delta R.T. 0.171 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion: 88 Resp: 68280
Ion Ratio Lower Upper
88 100
58 89.1 76.5 114.7
43 0.0 35.3 52.9#





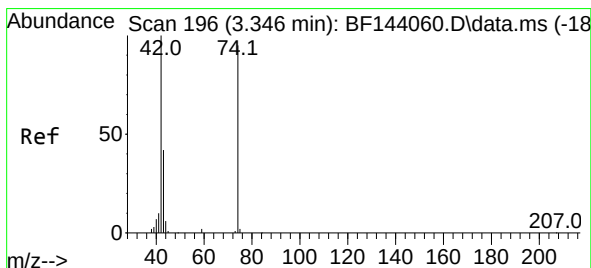
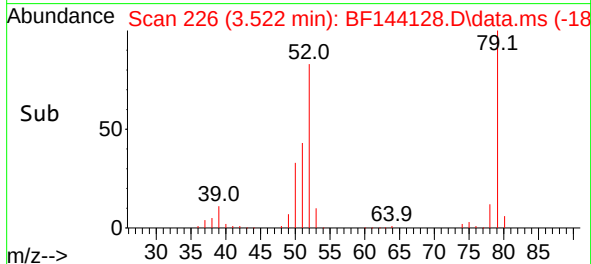
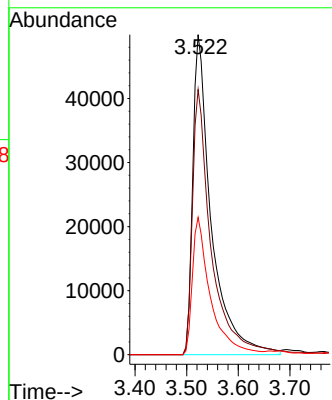
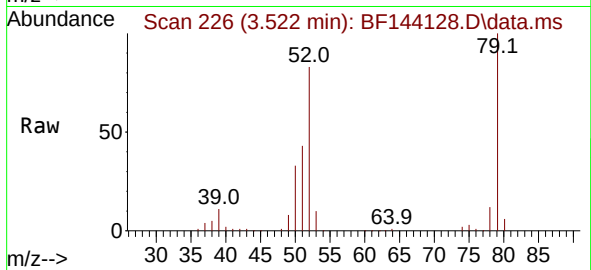
#3
Pyridine
Concen: 29.045 ng
RT: 3.522 min Scan# 216
Delta R.T. 0.124 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion: 79 Resp: 12452
Ion Ratio Lower Upper
79 100
52 82.8 67.5 101.3
51 42.9 33.6 50.4

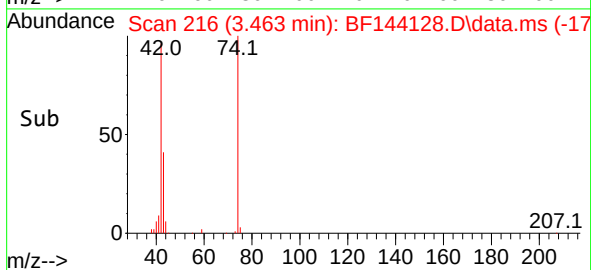
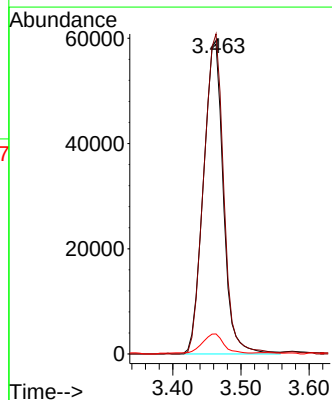
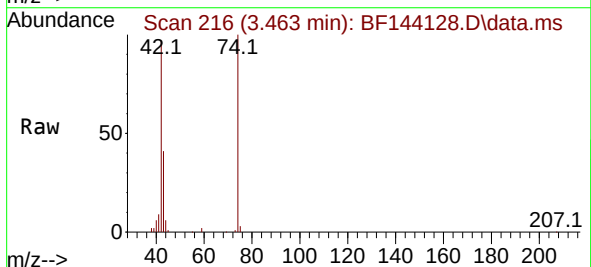
Manual Integrations
APPROVED

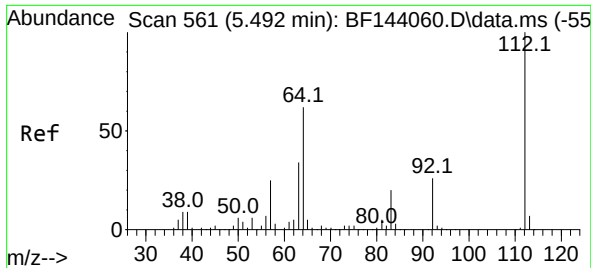
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#4
n-Nitrosodimethylamine
Concen: 45.737 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.118 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion: 42 Resp: 120490
Ion Ratio Lower Upper
42 100
74 103.3 76.4 114.6
44 6.5 5.2 7.8





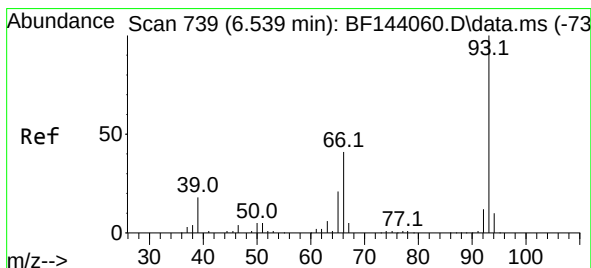
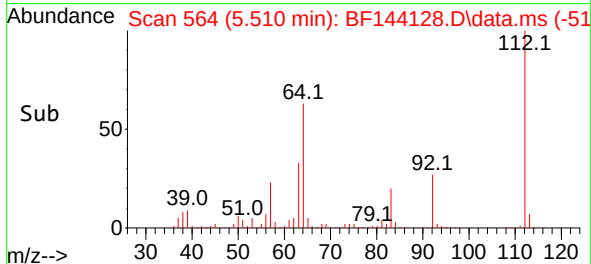
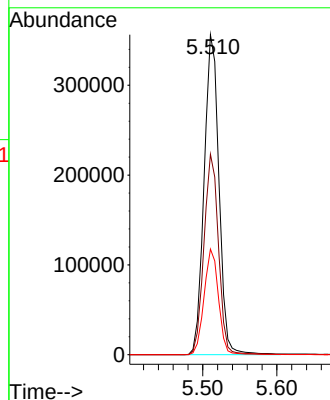
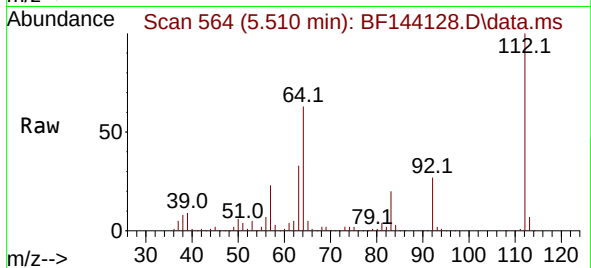
#5
2-Fluorophenol
Concen: 134.112 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion:112 Resp: 49701
Ion Ratio Lower Upper
112 100
64 62.7 49.8 74.8
63 33.0 27.4 41.2

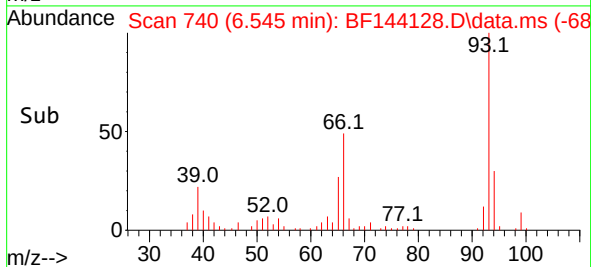
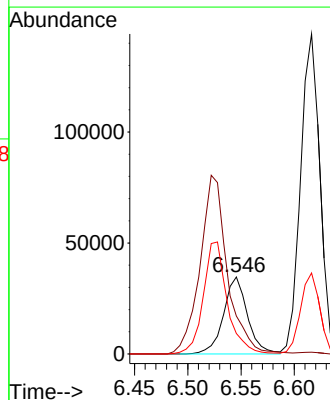
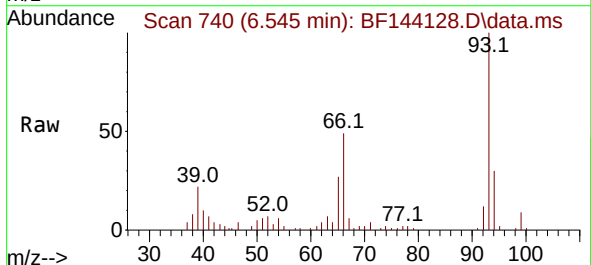
Manual Integrations
APPROVED

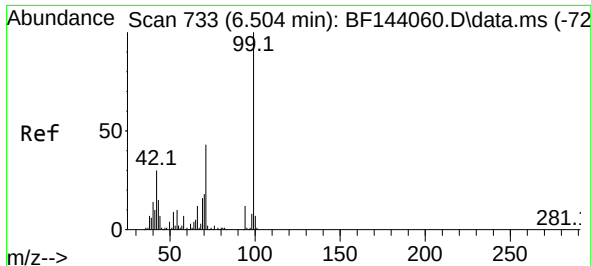
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#6
Aniline
Concen: 9.253 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

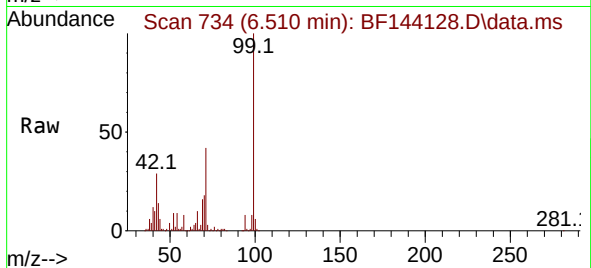
Tgt Ion: 93 Resp: 54181
Ion Ratio Lower Upper
93 100
66 49.2 35.7 53.5
65 26.6 17.0 25.6#





#7
Phenol-d6
Concen: 131.204 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

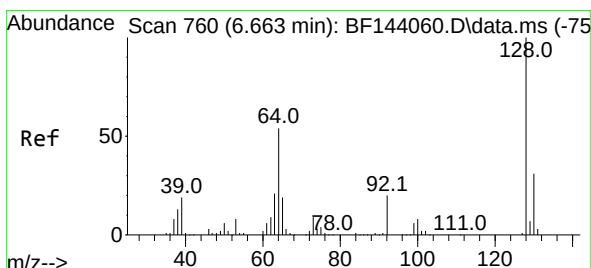
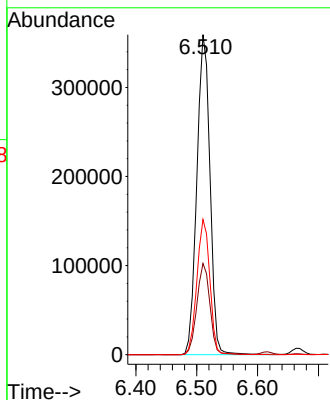
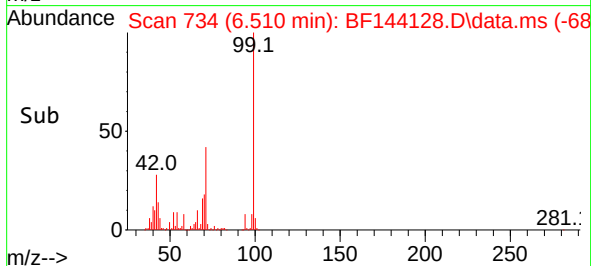
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



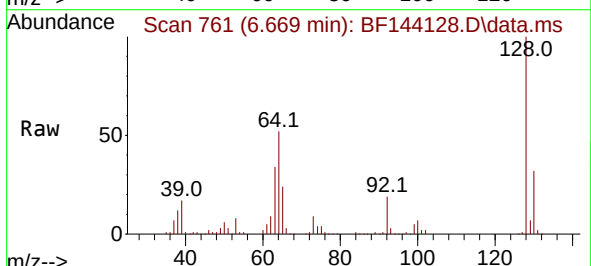
Tgt Ion: 99 Resp: 53699
Ion Ratio Lower Upper
99 100
42 28.5 23.9 35.9
71 42.3 34.4 51.6

Manual Integrations
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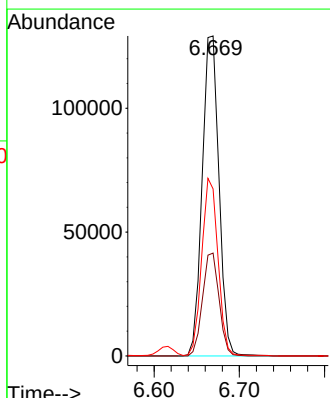
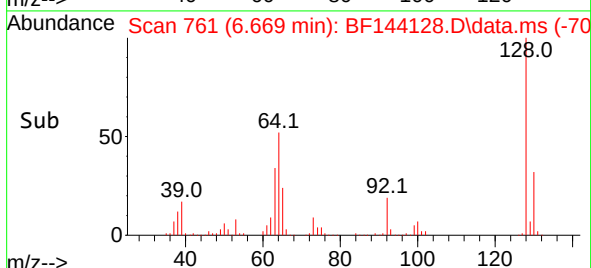
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

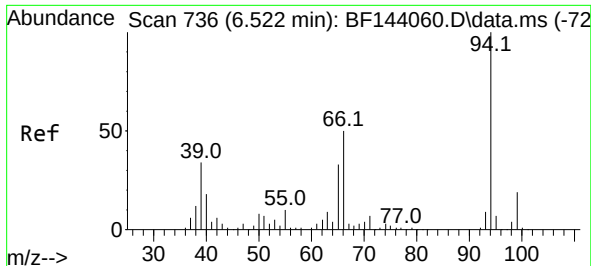


#8
2-Chlorophenol
Concen: 48.423 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



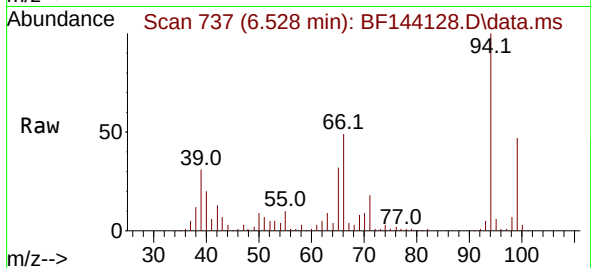
Tgt Ion:128 Resp: 176726
Ion Ratio Lower Upper
128 100
130 32.1 10.7 50.7
64 52.2 34.7 74.7





#10
Phenol
Concen: 40.912 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

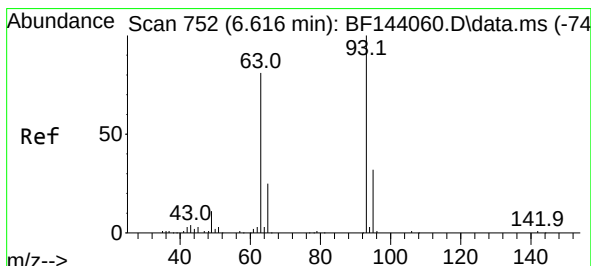
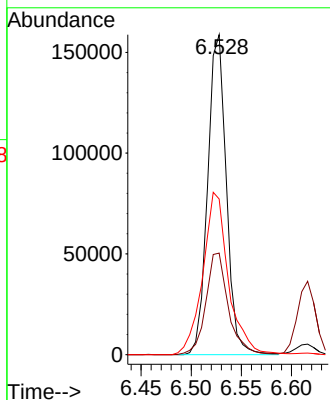
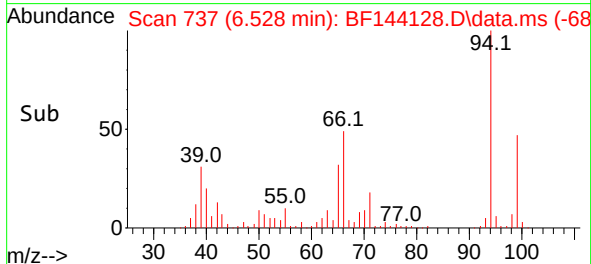
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion: 94 Resp: 20658
Ion Ratio Lower Upper
94 100
65 31.8 13.1 53.1
66 48.6 30.6 70.6

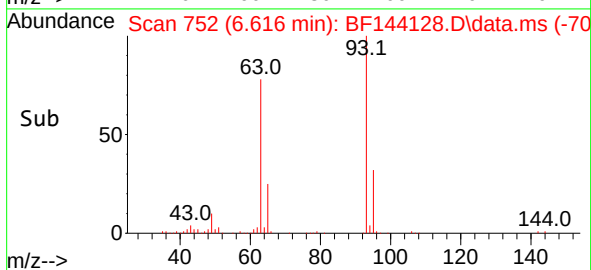
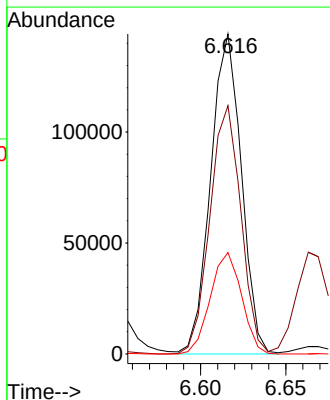
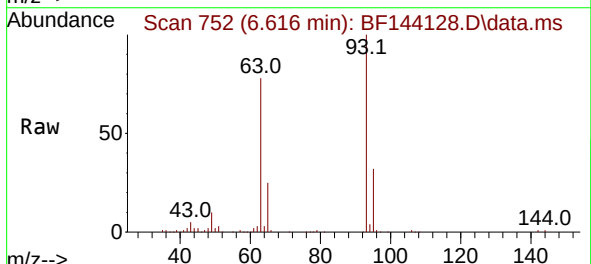
Manual Integrations
APPROVED

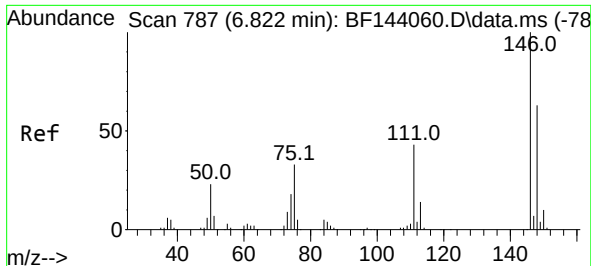
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#11
bis(2-Chloroethyl)ether
Concen: 49.600 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

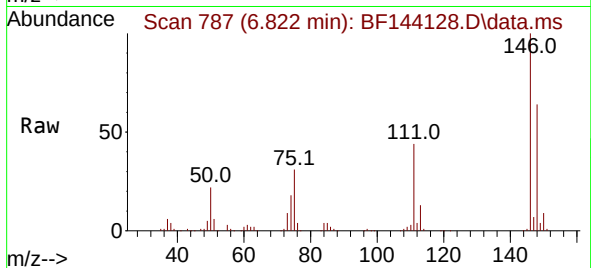
Tgt Ion: 93 Resp: 180971
Ion Ratio Lower Upper
93 100
63 77.6 60.2 100.2
95 31.7 12.4 52.4





#12
1,3-Dichlorobenzene
Concen: 46.073 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

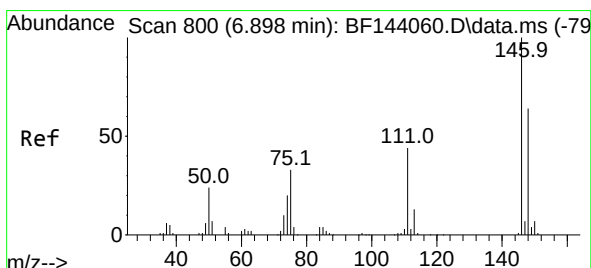
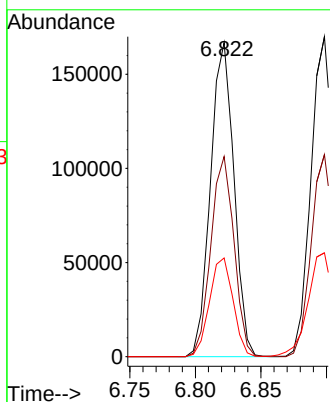
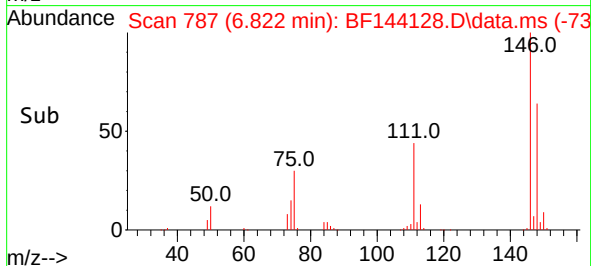
Instrument :
BNA_F
Client SampleId :
TP-8MSD



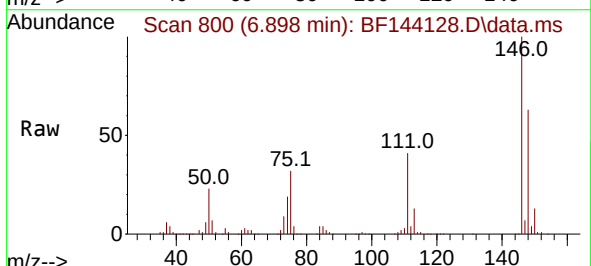
Tgt Ion:146 Resp: 20742
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 31.4 26.6 40.0

Manual Integrations
APPROVED

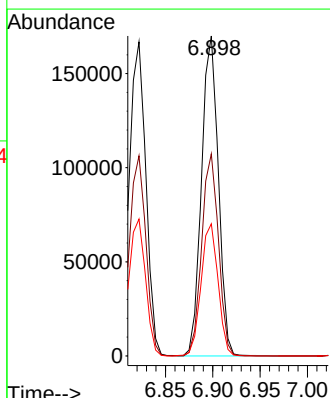
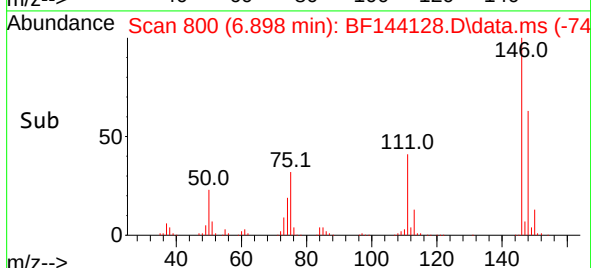
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

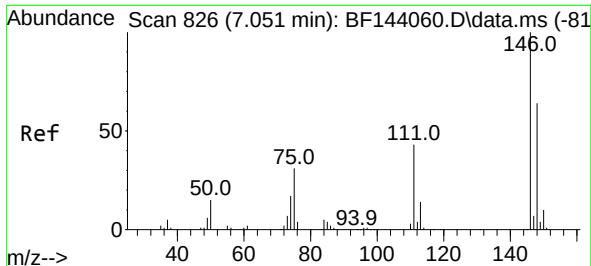


#13
1,4-Dichlorobenzene
Concen: 47.449 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



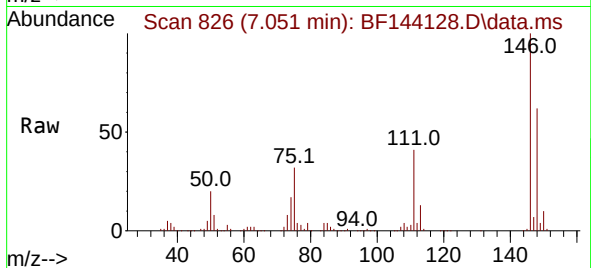
Tgt Ion:146 Resp: 210520
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 41.3 35.0 52.6





#14
1,2-Dichlorobenzene
Concen: 47.706 ng
RT: 7.051 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

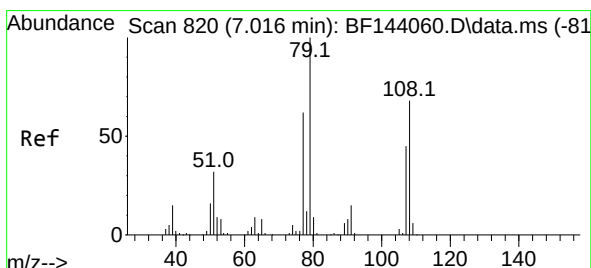
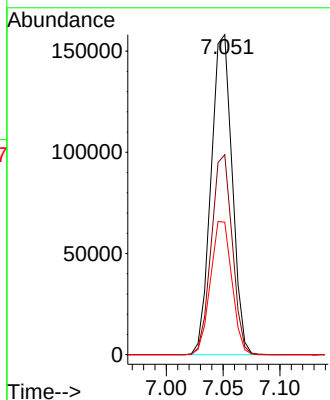
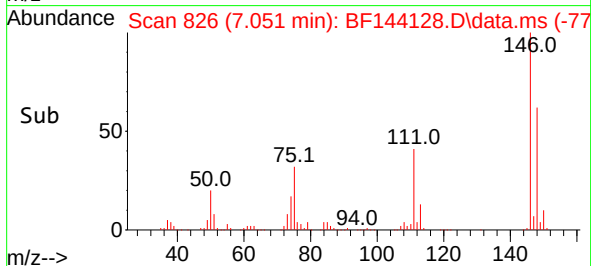
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



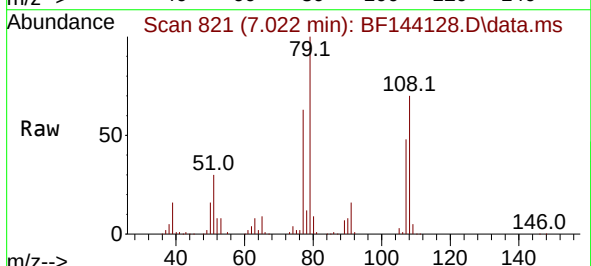
Tgt Ion:146 Resp: 204799
Ion Ratio Lower Upper
146 100
148 62.5 50.8 76.2
111 41.4 34.7 52.1

Manual Integrations
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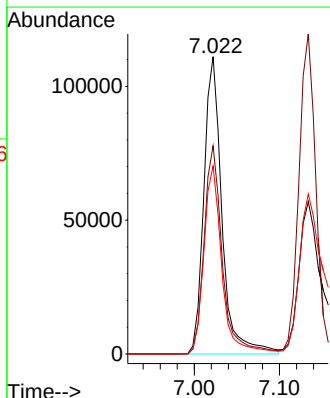
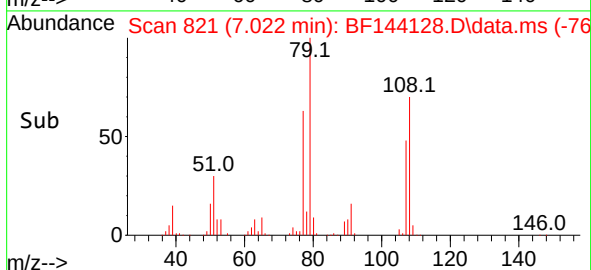
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

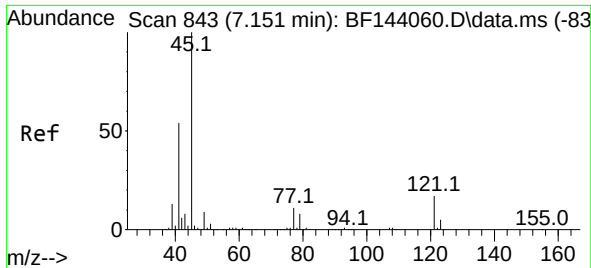


#15
Benzyl Alcohol
Concen: 49.271 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



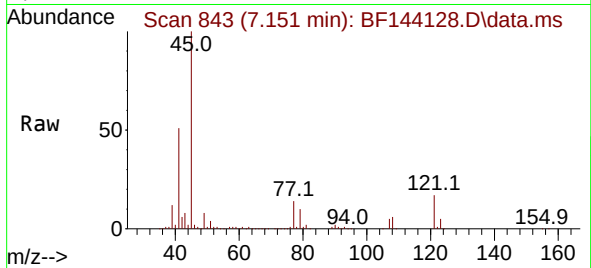
Tgt Ion: 79 Resp: 163972
Ion Ratio Lower Upper
79 100
108 70.0 54.8 82.2
77 63.2 49.4 74.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.452 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

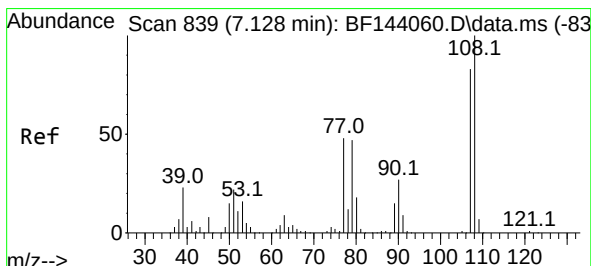
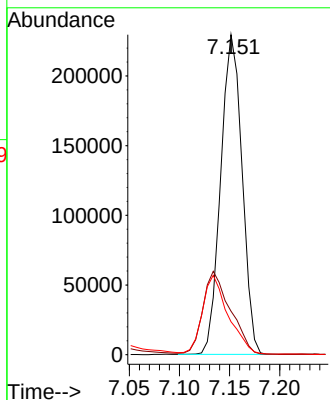
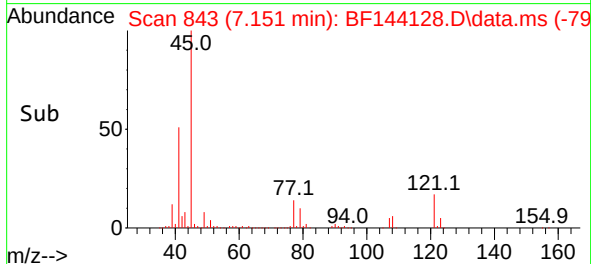
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



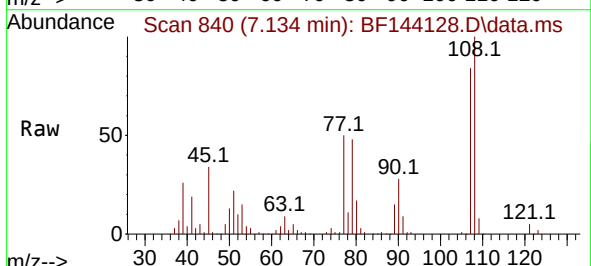
Tgt Ion: 45 Resp: 339108
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.9
79 10.3 0.0 28.2

Manual Integrations
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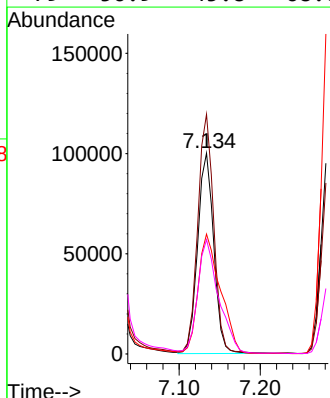
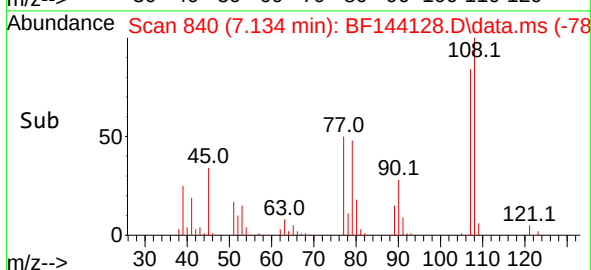
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

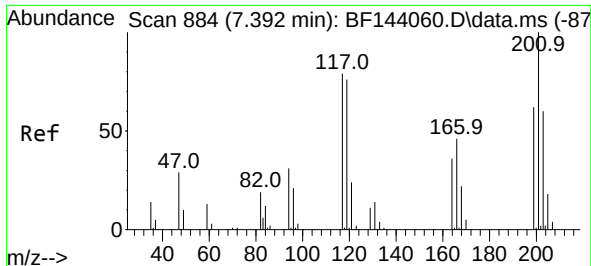


#17
2-Methylphenol
Concen: 49.272 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



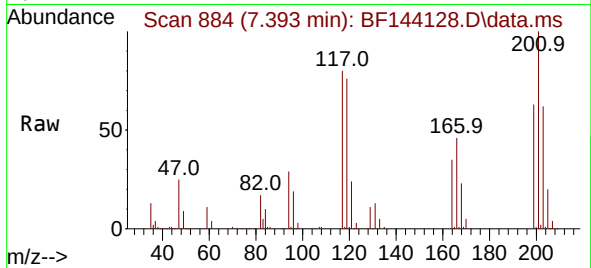
Tgt Ion:107 Resp: 138304
Ion Ratio Lower Upper
107 100
108 119.3 96.4 144.6
77 59.7 46.8 70.2
79 56.9 45.8 68.6





#18
Hexachloroethane
Concen: 44.489 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

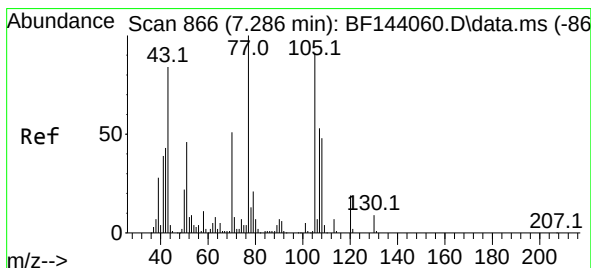
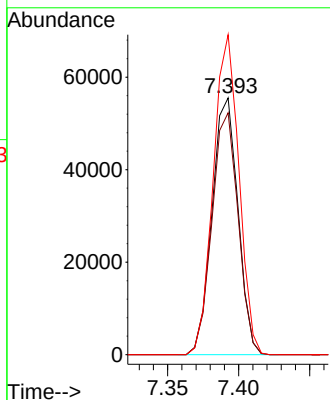
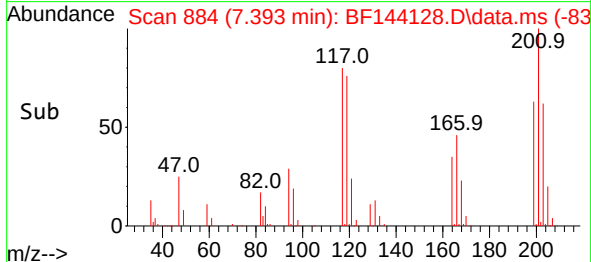
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



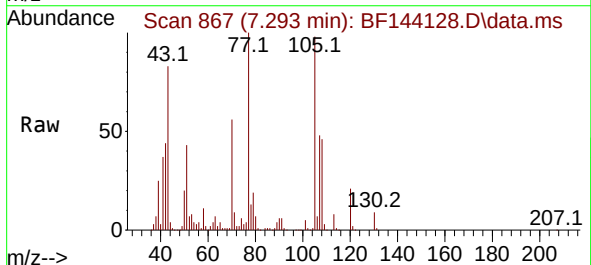
Tgt Ion:117 Resp: 70570
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
201 124.6 100.9 151.3

Manual Integrations
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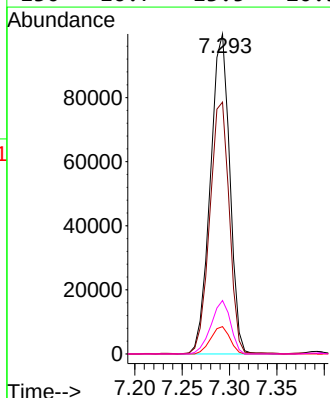
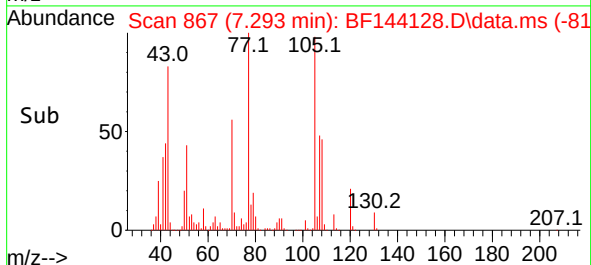
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

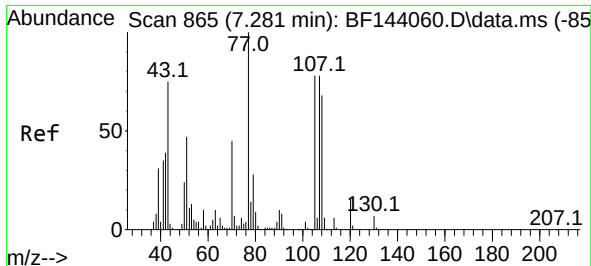


#19
n-Nitroso-di-n-propylamine
Concen: 53.732 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



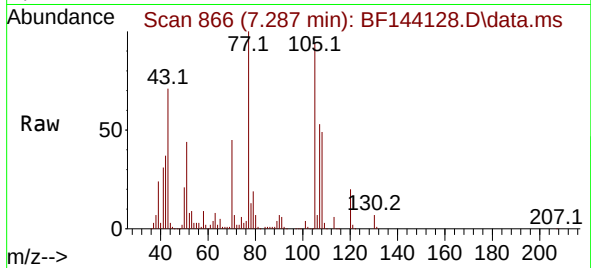
Tgt Ion: 70 Resp: 142211
Ion Ratio Lower Upper
70 100
42 78.7 67.4 101.0
101 8.5 7.1 10.7
130 16.7 13.5 20.3





#20
3+4-Methylphenols
Concen: 49.802 ng
RT: 7.287 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

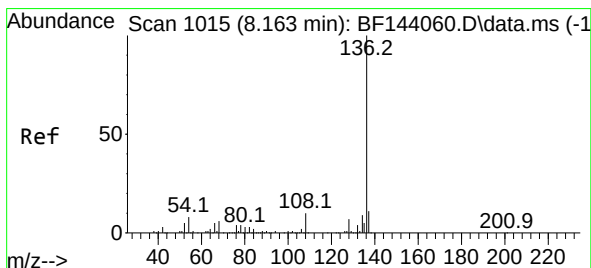
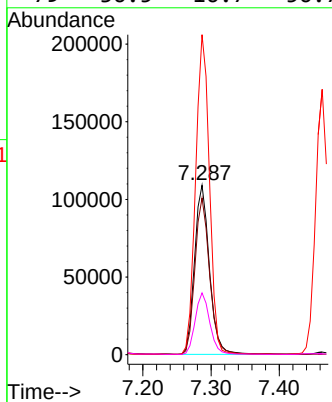
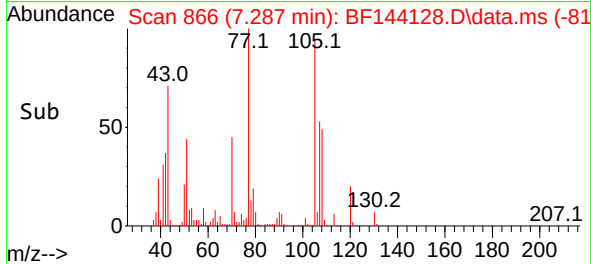
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:107 Resp: 165258
Ion Ratio Lower Upper
107 100
108 92.4 68.0 108.0
77 188.9 108.7 148.7
79 36.5 16.7 56.7

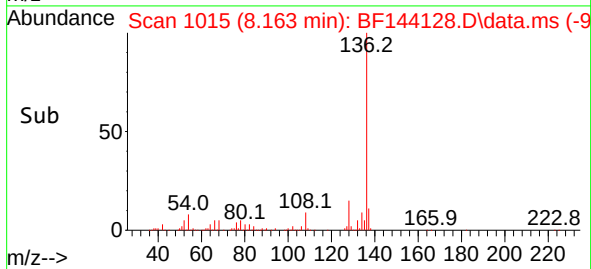
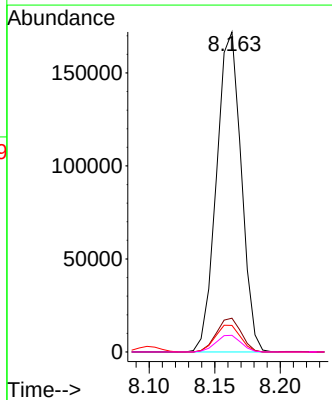
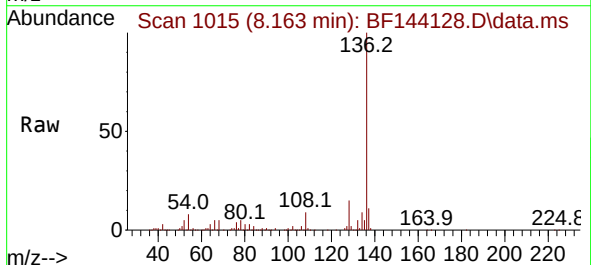
Manual Integrations
APPROVED

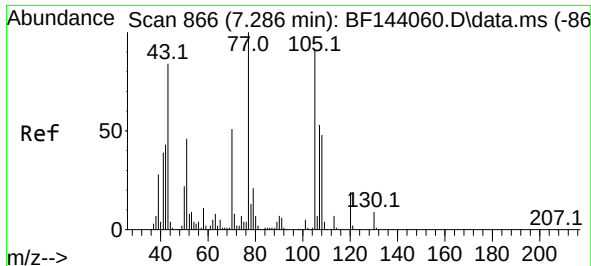
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

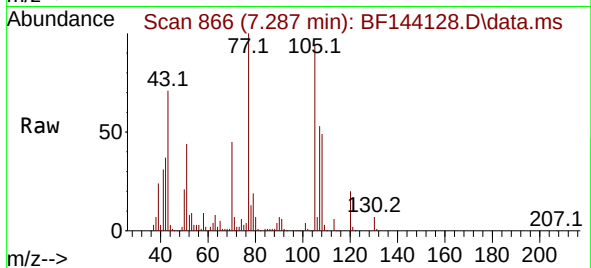
Tgt Ion:136 Resp: 225036
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 6.6 9.8
68 5.2 4.6 6.8





#22
Acetophenone
Concen: 55.512 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

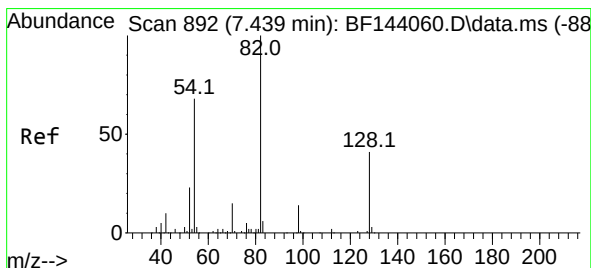
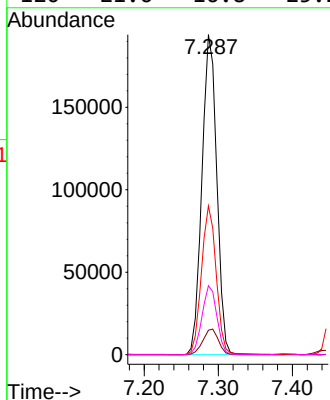
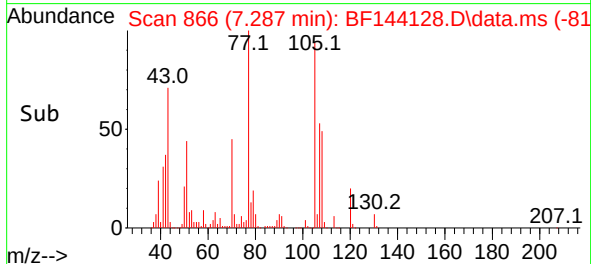
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



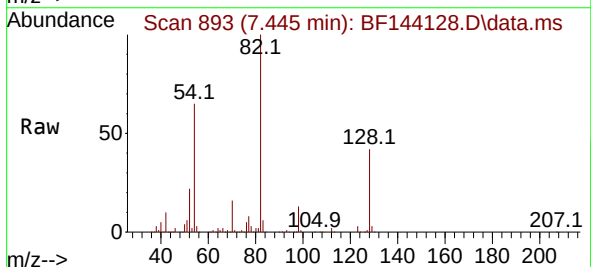
Tgt Ion: 105 Resp: 269972
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 46.5 40.6 60.8
120 21.6 16.8 25.2

Manual Integrations
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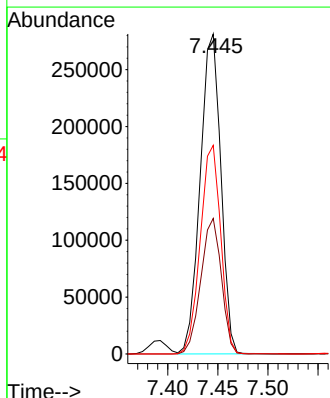
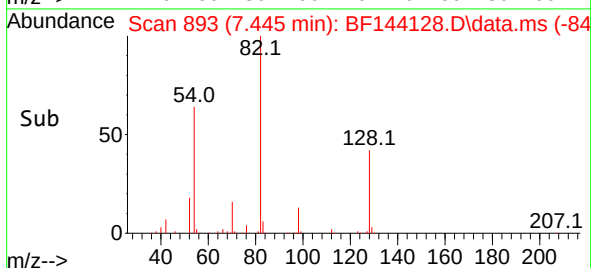
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

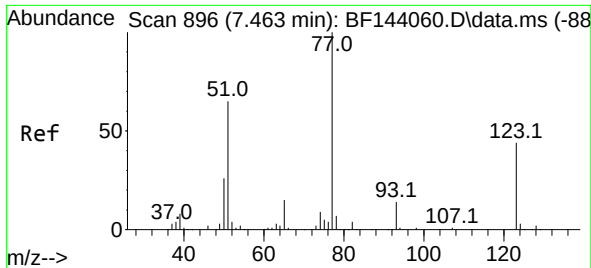


#23
Nitrobenzene-d5
Concen: 98.146 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion: 82 Resp: 403131
Ion Ratio Lower Upper
82 100
128 42.4 32.4 48.6
54 65.2 54.0 81.0





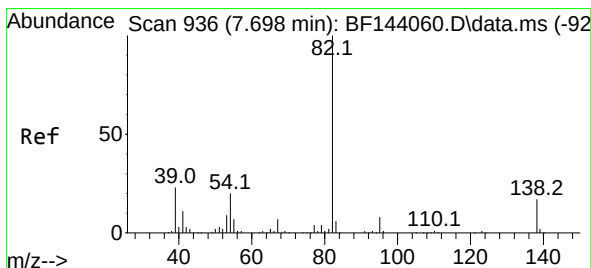
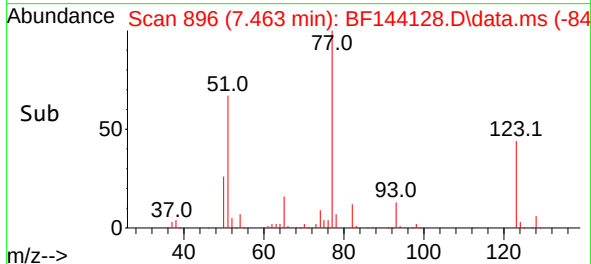
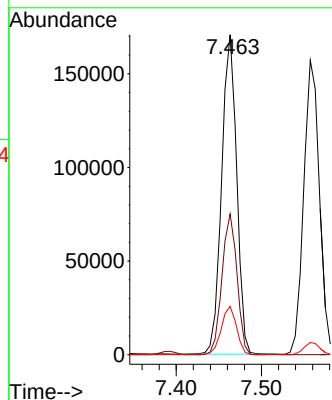
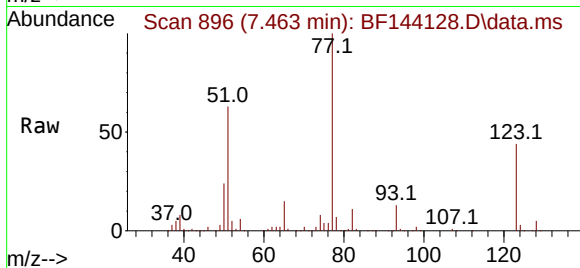
#24
Nitrobenzene
Concen: 48.204 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
Client SampleId :
TP-8MSD

Tgt Ion: 77 Resp: 20945
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.6
65 15.1 12.2 18.2

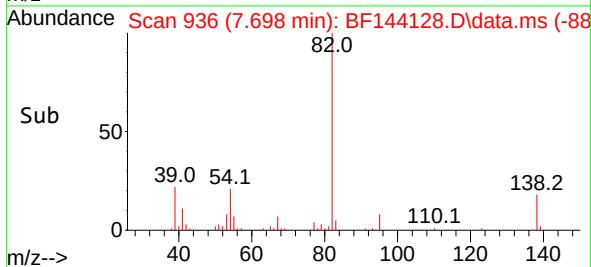
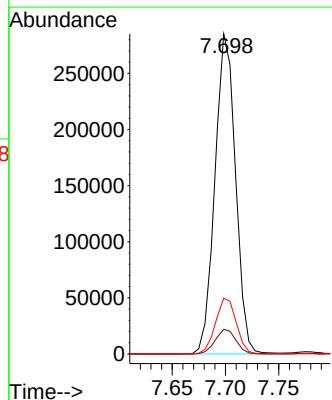
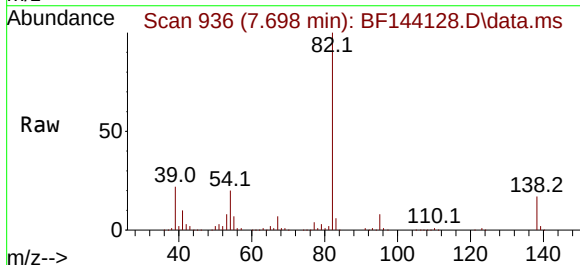
Manual Integrations
APPROVED

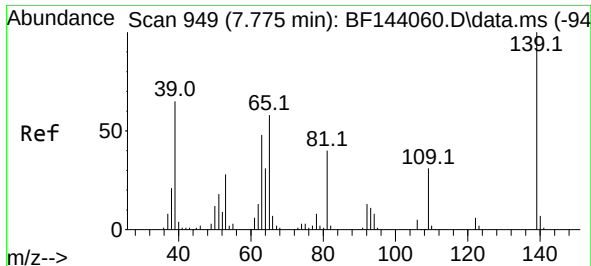
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#25
Isophorone
Concen: 53.445 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

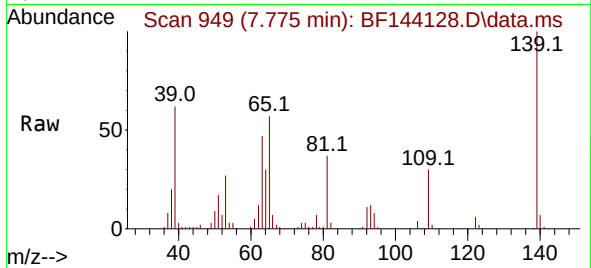
Tgt Ion: 82 Resp: 383797
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.4 13.8 20.8





#26
2-Nitrophenol
Concen: 49.268 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

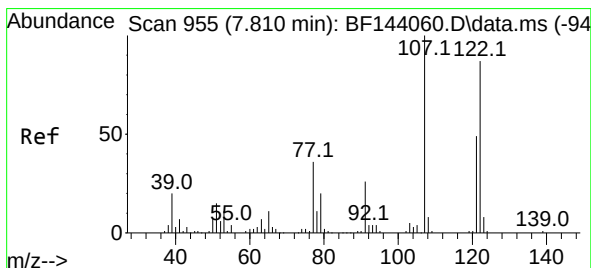
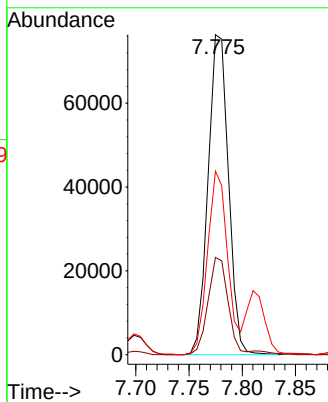
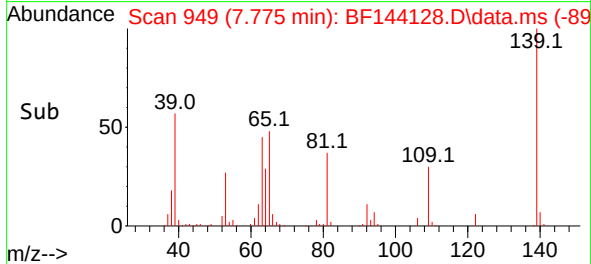
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:139 Resp: 101839
Ion Ratio Lower Upper
139 100
109 30.4 24.6 37.0
65 57.3 46.6 69.8

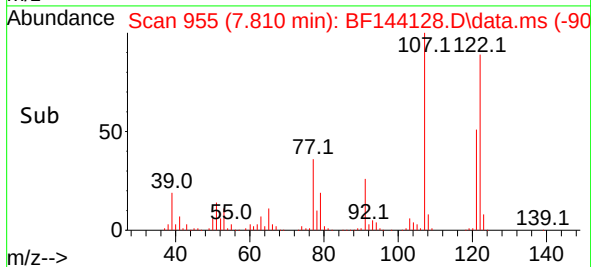
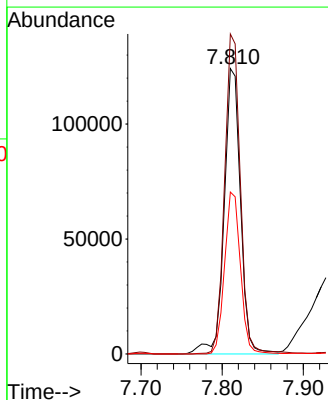
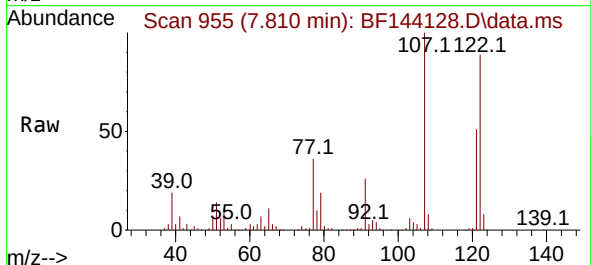
Manual Integrations
APPROVED

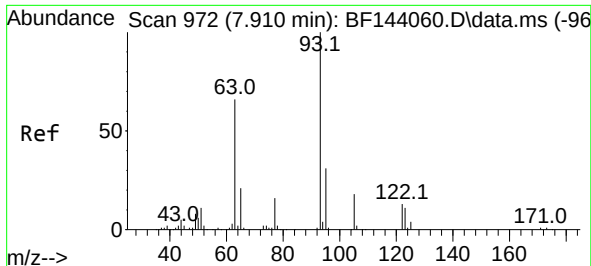
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#27
2,4-Dimethylphenol
Concen: 56.642 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:122 Resp: 173988
Ion Ratio Lower Upper
122 100
107 112.1 91.8 137.8
121 56.7 45.2 67.8





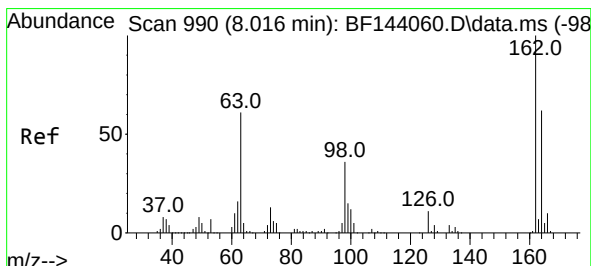
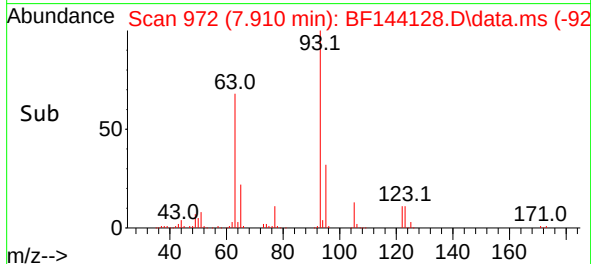
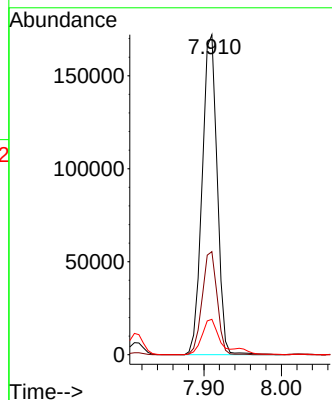
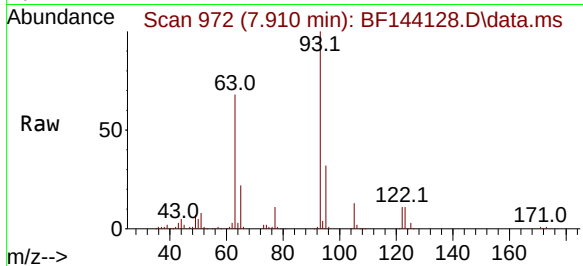
#28
bis(2-Chloroethoxy)methane
Concen: 51.728 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion: 93 Resp: 231654
Ion Ratio Lower Upper
93 100
95 32.2 24.6 36.8
123 11.1 9.1 13.7

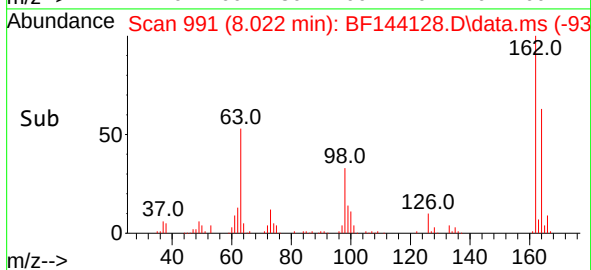
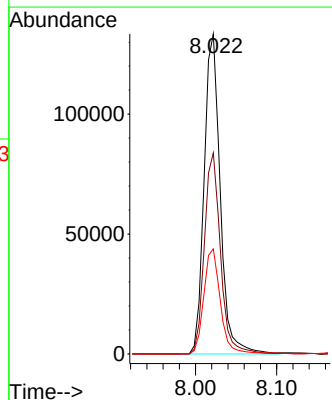
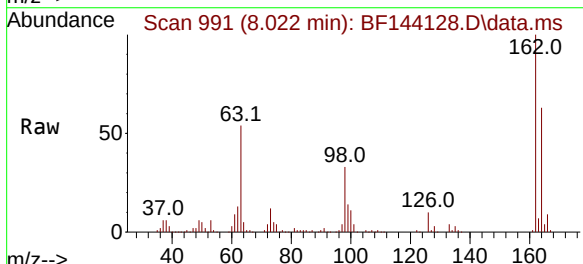
Manual Integrations
APPROVED

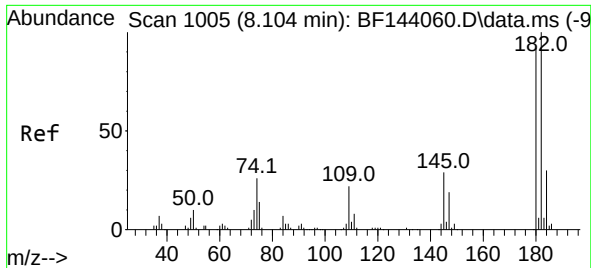
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#29
2,4-Dichlorophenol
Concen: 51.426 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

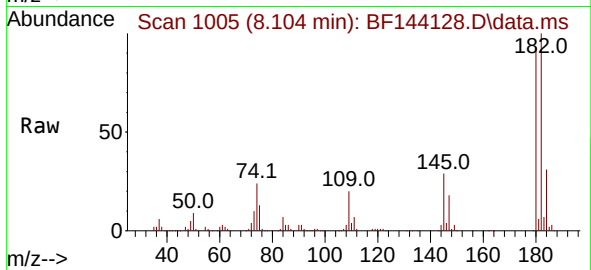
Tgt Ion:162 Resp: 183704
Ion Ratio Lower Upper
162 100
164 62.8 42.1 82.1
98 32.8 16.0 56.0





#30
1,2,4-Trichlorobenzene
Concen: 50.657 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

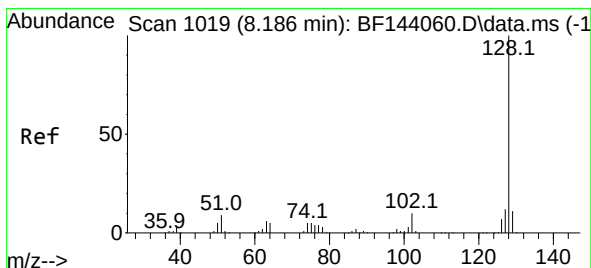
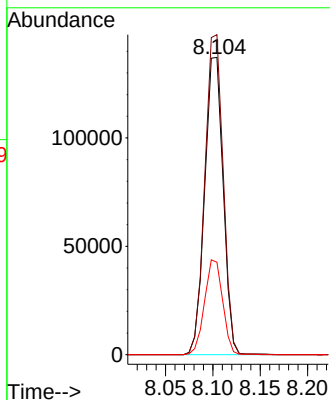
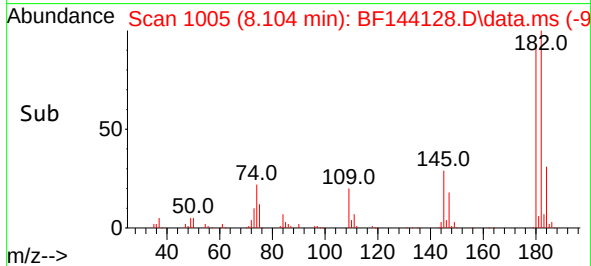
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



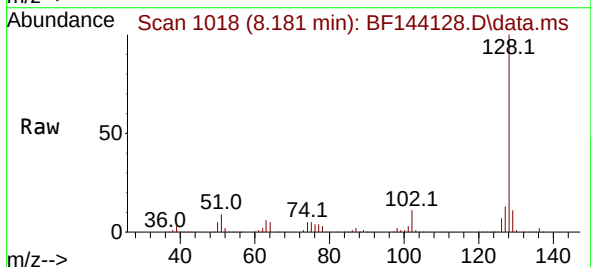
Tgt Ion:180 Resp: 18616
Ion Ratio Lower Upper
180 100
182 107.7 87.1 130.7
145 31.1 25.3 37.9

Manual Integrations
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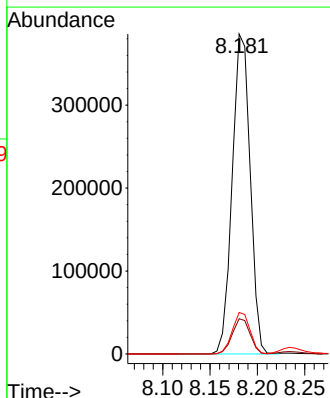
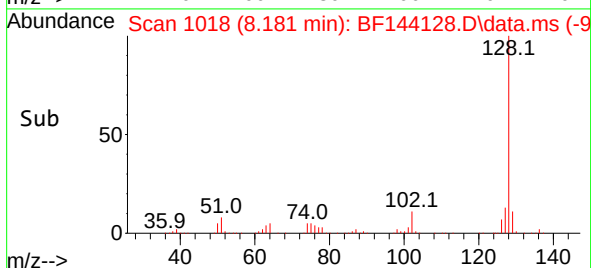
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

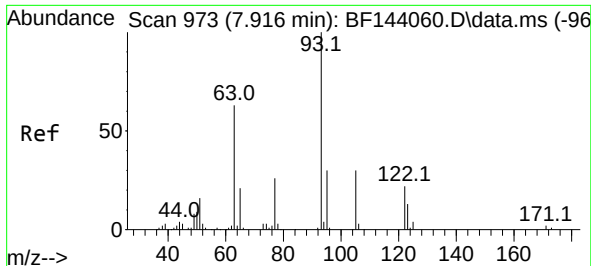


#31
Naphthalene
Concen: 47.829 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



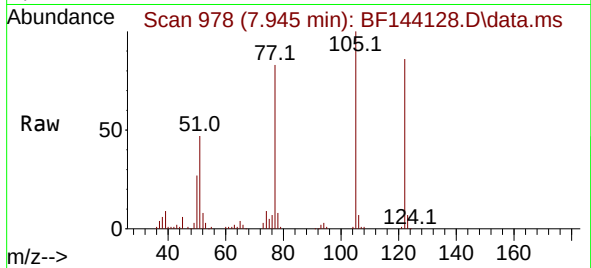
Tgt Ion:128 Resp: 507996
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.9 9.9 14.9





#32
Benzoic acid
Concen: 63.871 ng
RT: 7.945 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

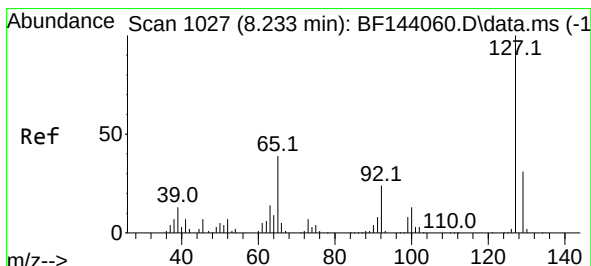
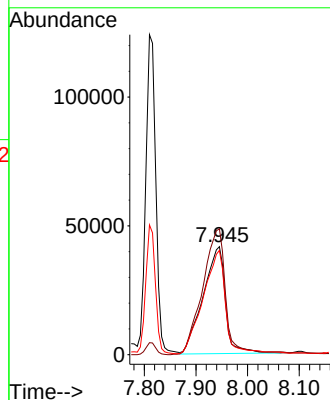
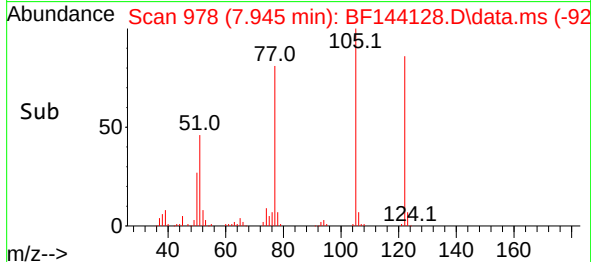
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:122 Resp: 124449
Ion Ratio Lower Upper
122 100
105 116.5 111.3 151.3
77 96.6 96.7 136.7

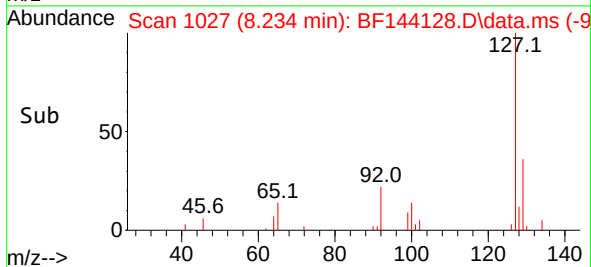
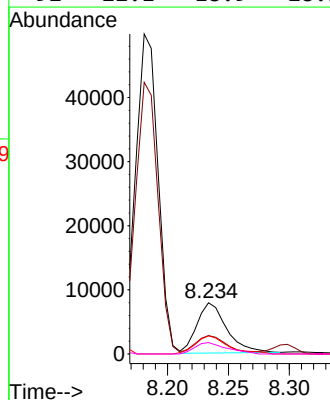
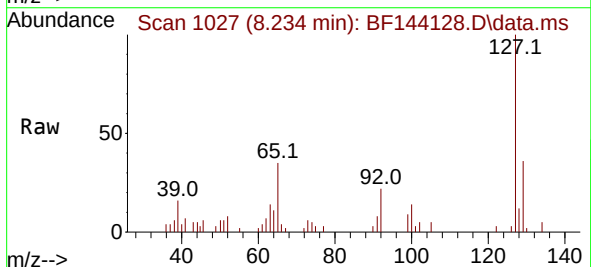
Manual Integrations
APPROVED

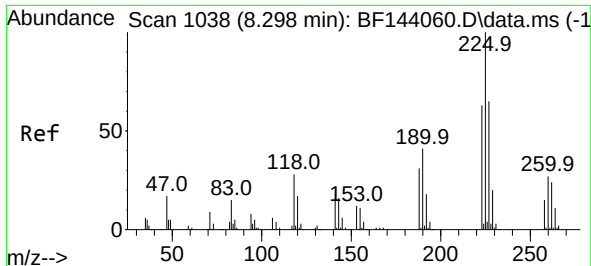
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#33
4-Chloroaniline
Concen: 3.588 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

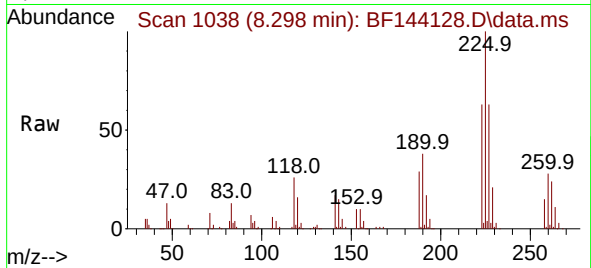
Tgt Ion:127 Resp: 13267
Ion Ratio Lower Upper
127 100
129 35.9 25.6 38.4
65 35.3 30.9 46.3
92 22.1 18.9 28.3





#34
Hexachlorobutadiene
Concen: 44.943 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

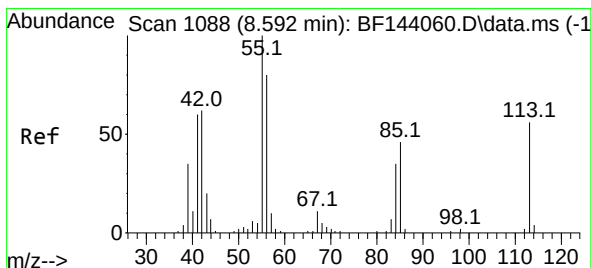
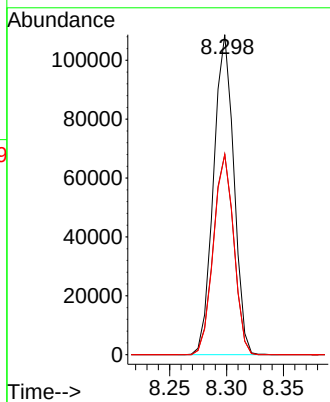
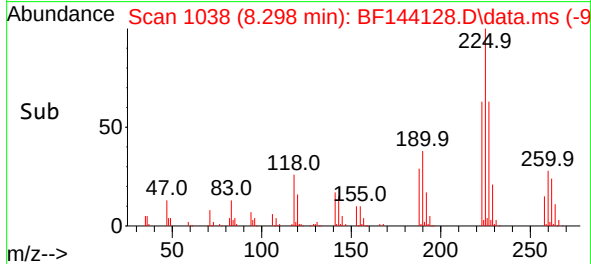
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



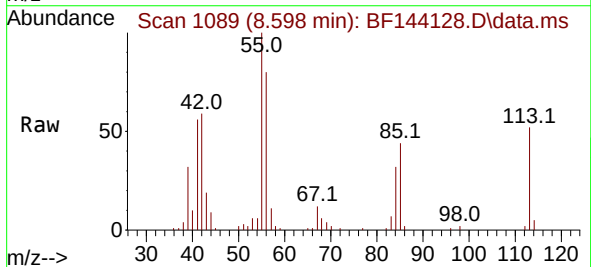
Tgt Ion:225 Resp: 13505
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 62.6 51.8 77.8

Manual Integrations
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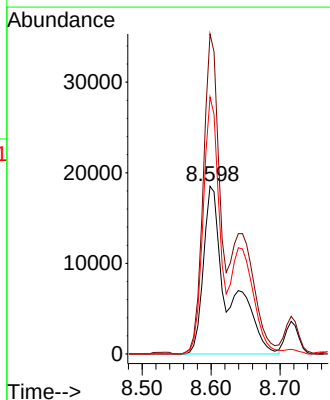
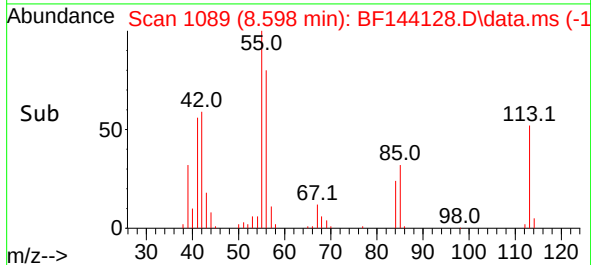
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

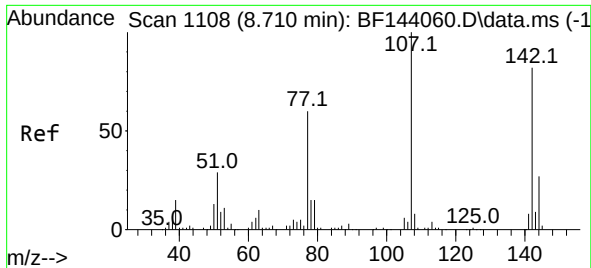


#35
Caprolactam
Concen: 52.232 ng m
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



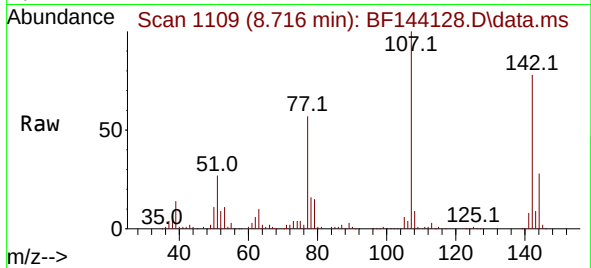
Tgt Ion:113 Resp: 46789
Ion Ratio Lower Upper
113 100
55 190.8 160.1 200.1
56 153.2 124.9 164.9





#36
4-Chloro-3-methylphenol
Concen: 52.853 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

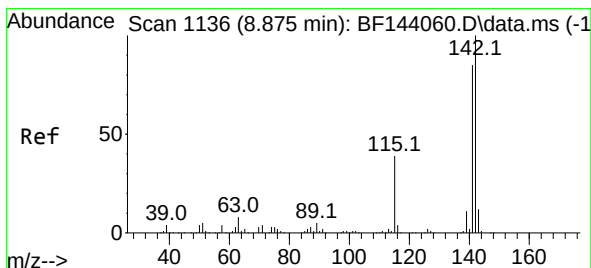
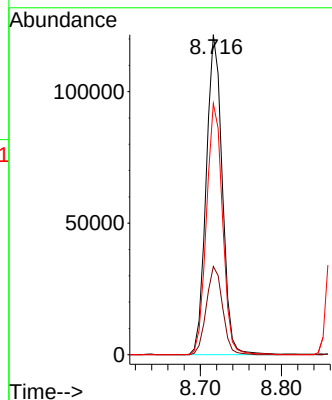
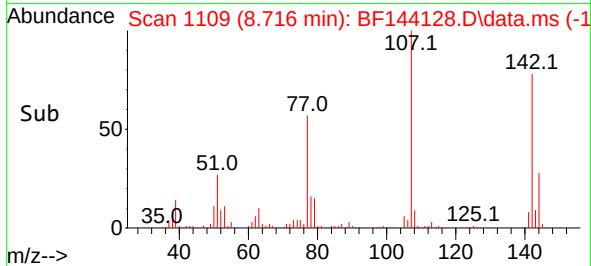
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:107 Resp: 16661
Ion Ratio Lower Upper
107 100
144 27.6 21.6 32.4
142 78.5 65.4 98.0

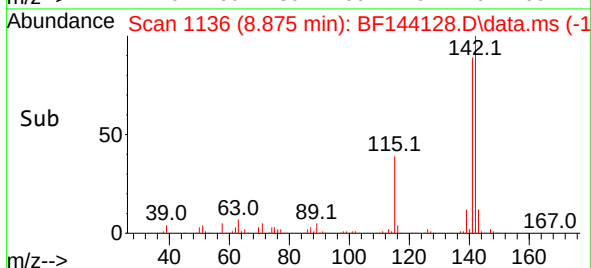
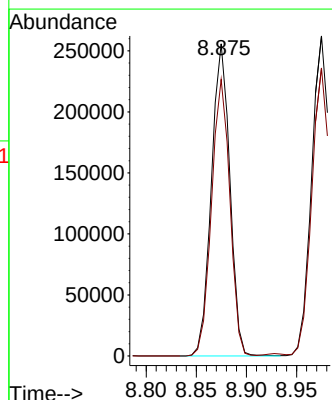
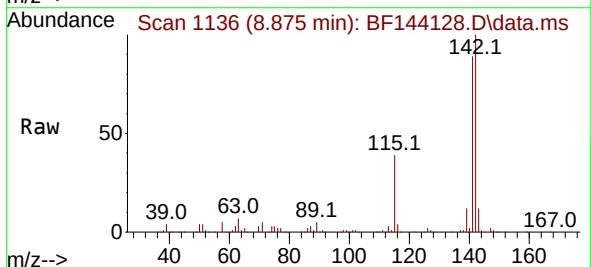
Manual Integrations
APPROVED

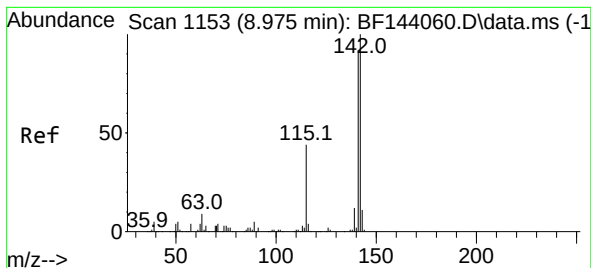
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#37
2-Methylnaphthalene
Concen: 46.683 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:142 Resp: 326905
Ion Ratio Lower Upper
142 100
141 88.6 67.6 101.4





#38

1-Methylnaphthalene

Concen: 50.273 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tgt Ion:142 Resp: 33352

Ion Ratio Lower Upper

142 100

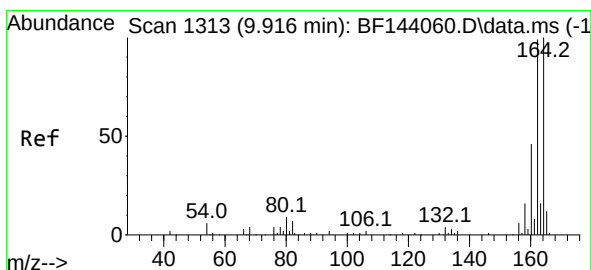
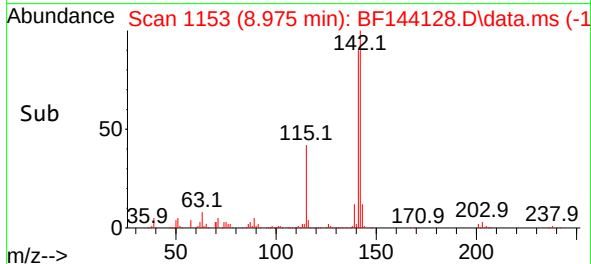
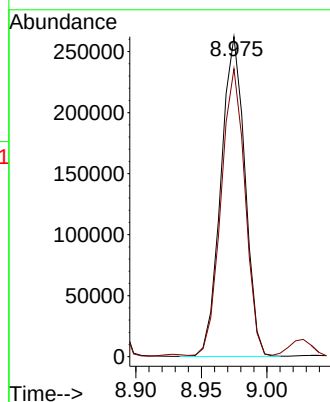
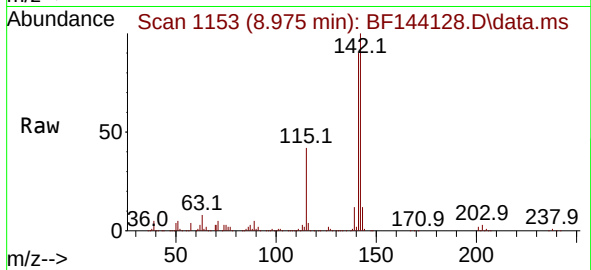
141 90.0 73.4 110.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

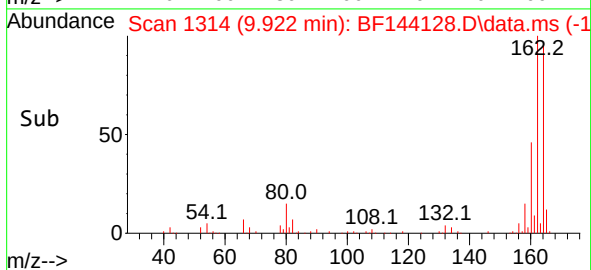
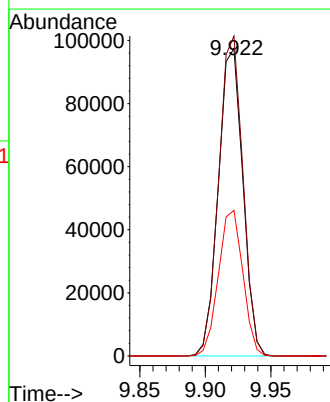
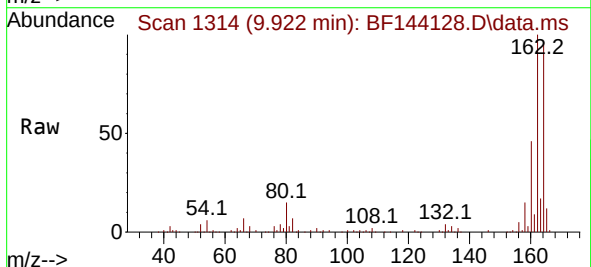
Tgt Ion:164 Resp: 126691

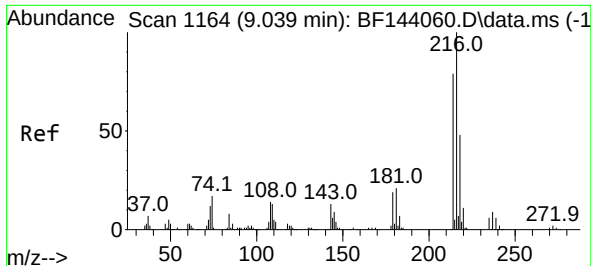
Ion Ratio Lower Upper

164 100

162 104.1 79.4 119.2

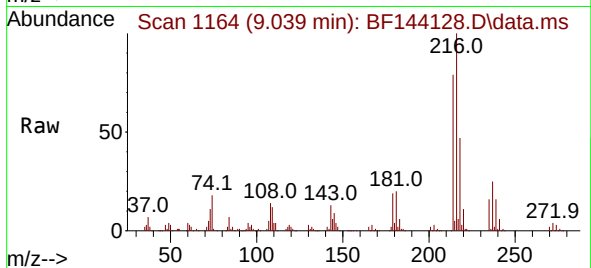
160 47.4 36.7 55.1





#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.268 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

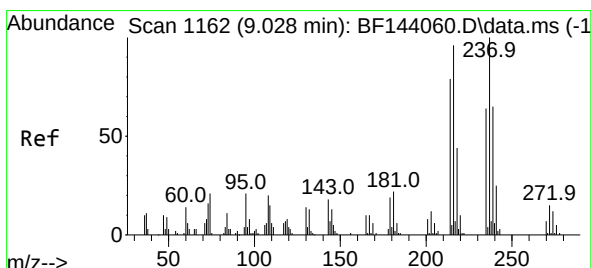
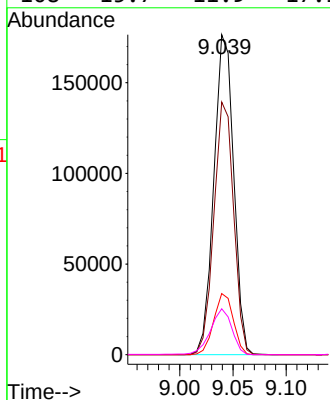
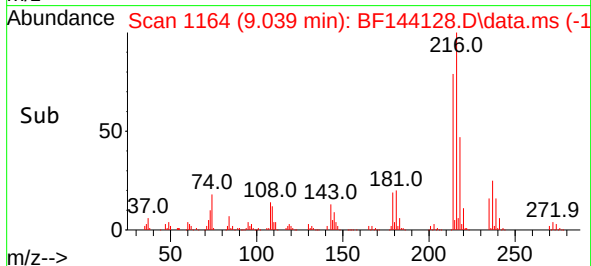
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:216 Resp: 227580
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 18.9 15.2 22.8
108 15.7 11.9 17.9

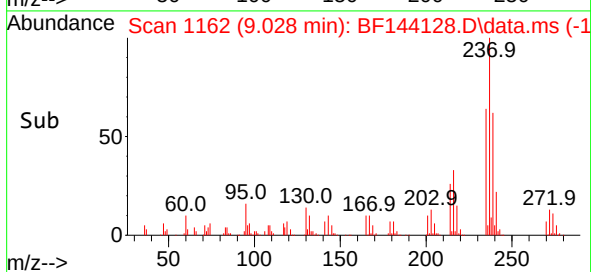
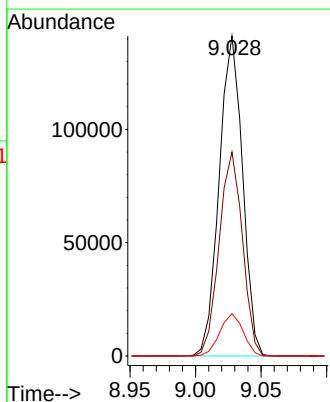
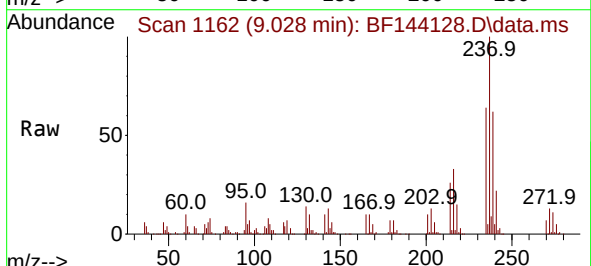
Manual Integrations
APPROVED

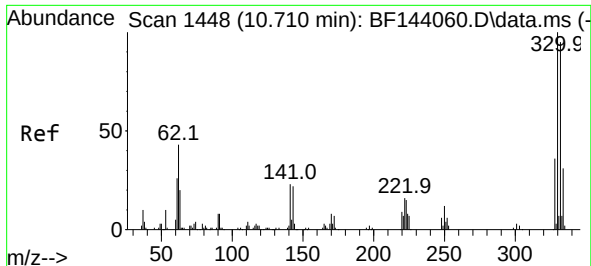
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#41
Hexachlorocyclopentadiene
Concen: 130.069 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

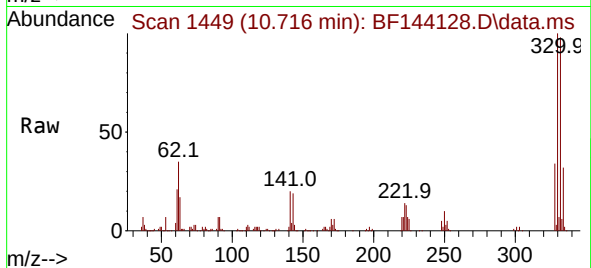
Tgt Ion:237 Resp: 174921
Ion Ratio Lower Upper
237 100
235 63.8 44.3 84.3
272 13.2 0.0 35.2





#42
2,4,6-Tribromophenol
Concen: 158.484 ng
RT: 10.716 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

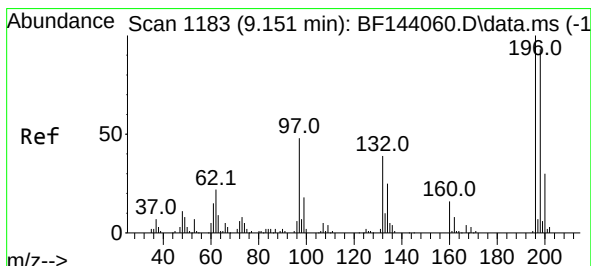
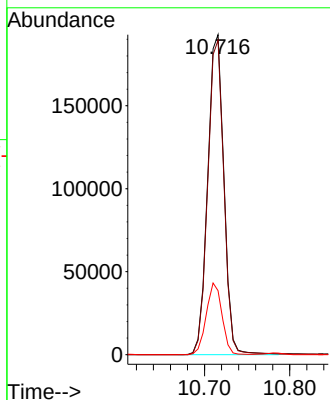
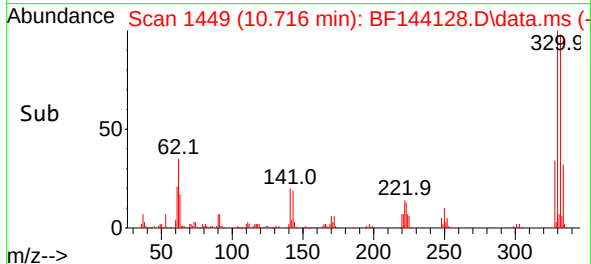
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



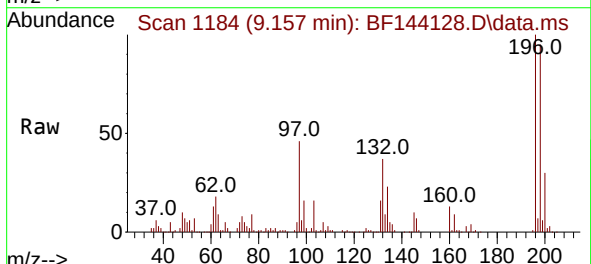
Tgt Ion: 330 Resp: 25576
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 21.7 19.4 29.0

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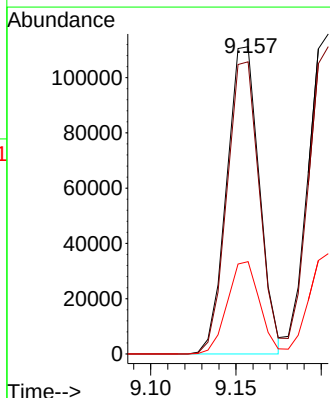
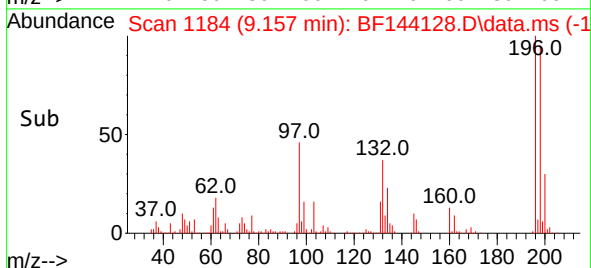
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

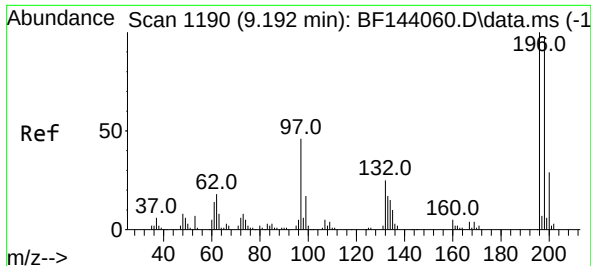


#43
2,4,6-Trichlorophenol
Concen: 52.218 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



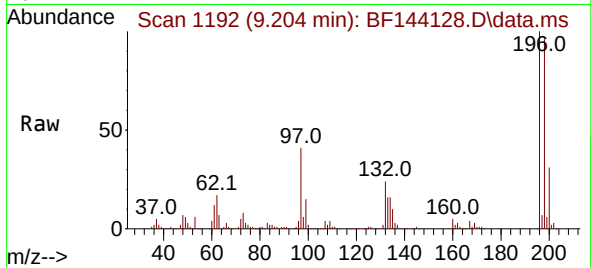
Tgt Ion: 196 Resp: 147786
Ion Ratio Lower Upper
196 100
198 95.1 74.4 111.6
200 30.1 23.8 35.8





#44
2,4,5-Trichlorophenol
Concen: 52.758 ng
RT: 9.204 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

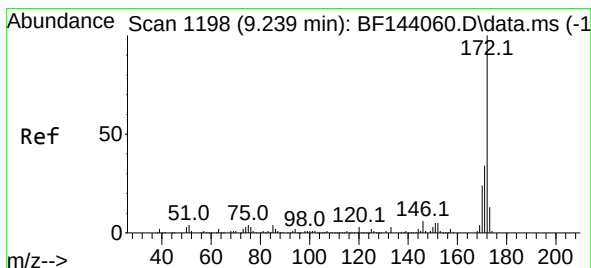
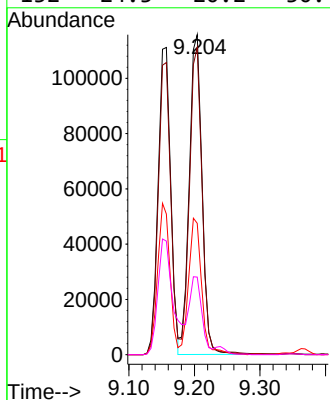
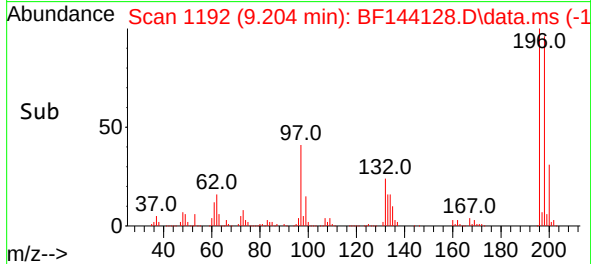
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



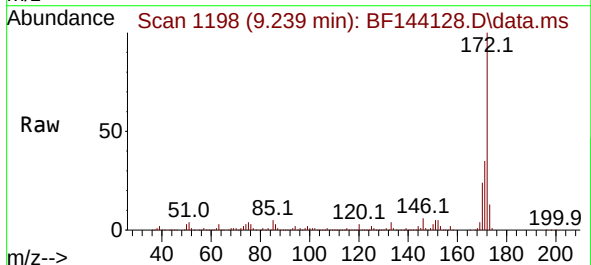
Tgt Ion:196 Resp: 15670
Ion Ratio Lower Upper
196 100
198 96.1 78.0 117.0
97 41.0 37.7 56.5
132 24.3 20.2 30.4

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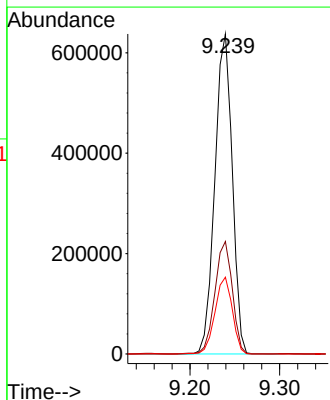
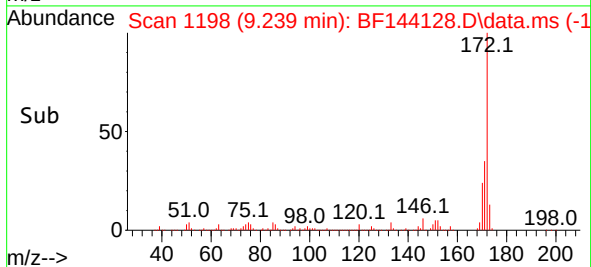
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

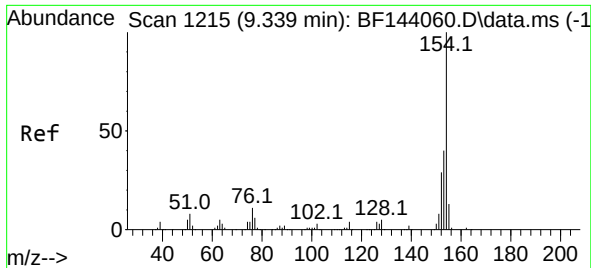


#45
2-Fluorobiphenyl
Concen: 95.196 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



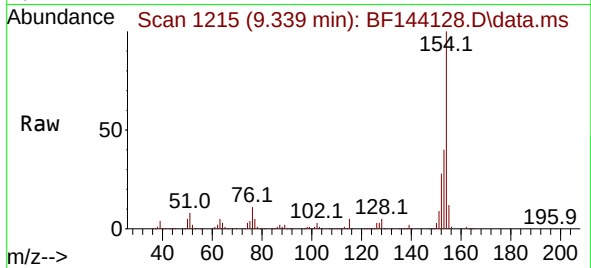
Tgt Ion:172 Resp: 857048
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 24.0 19.0 28.6





#46
1,1'-Biphenyl
Concen: 54.102 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

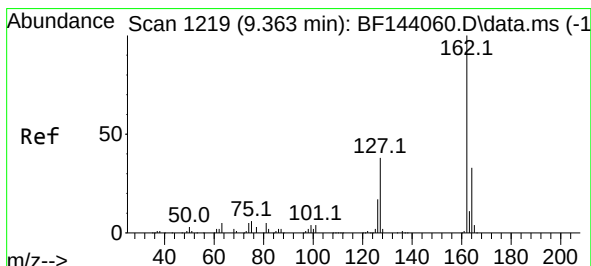
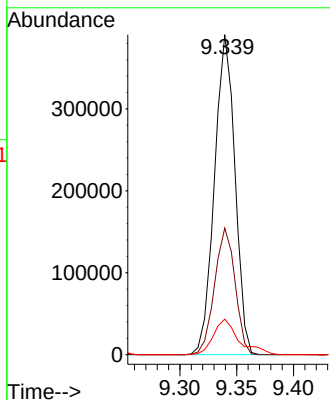
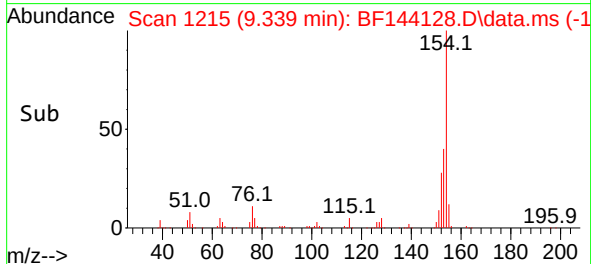
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:154 Resp: 490660
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 11.1 0.0 31.1

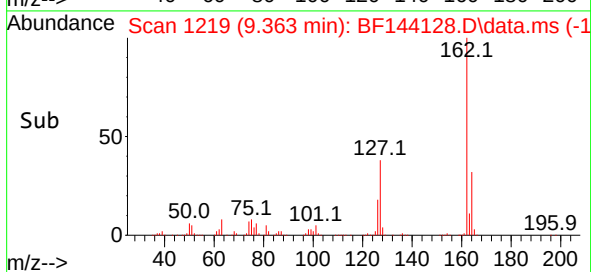
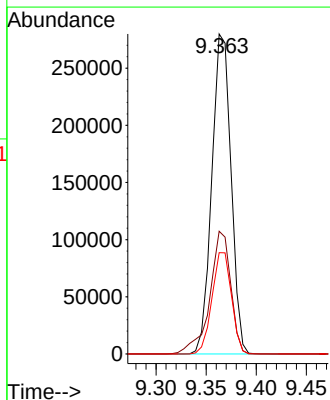
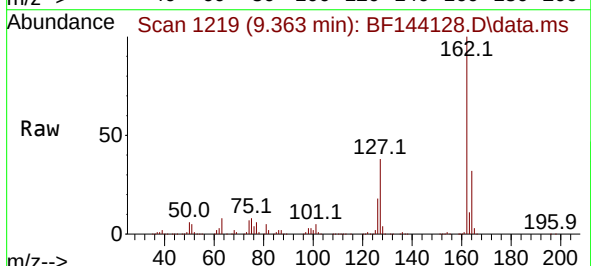
Manual Integrations
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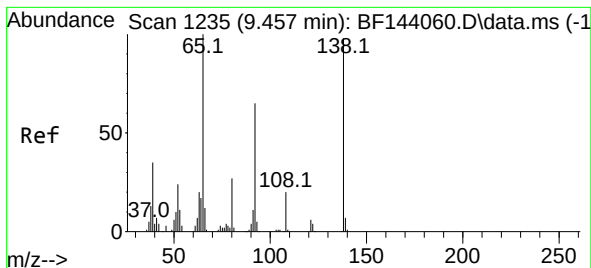
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#47
2-Chloronaphthalene
Concen: 49.082 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:162 Resp: 372919
Ion Ratio Lower Upper
162 100
127 38.3 31.6 47.4
164 31.6 26.5 39.7





#48

2-Nitroaniline

Concen: 52.114 ng

RT: 9.463 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tgt Ion: 65 Resp: 117578

Ion Ratio Lower Upper

65 100

92 65.9 52.3 78.5

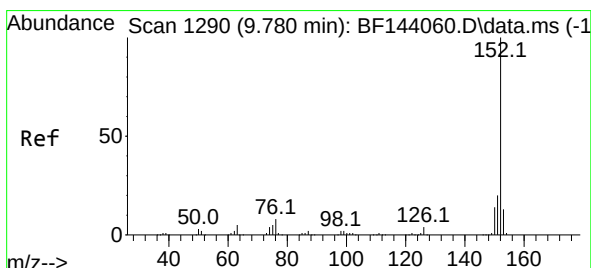
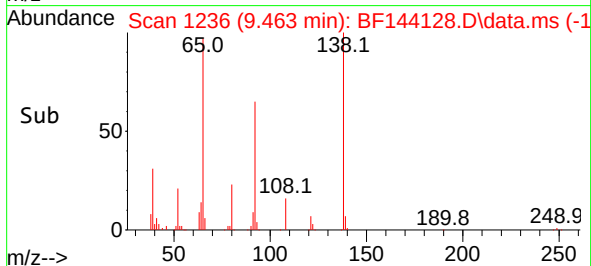
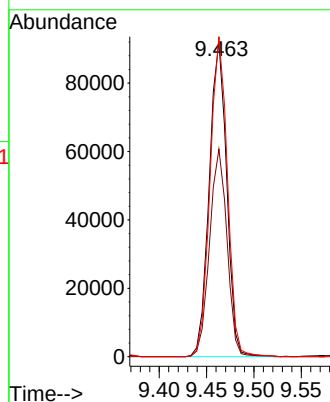
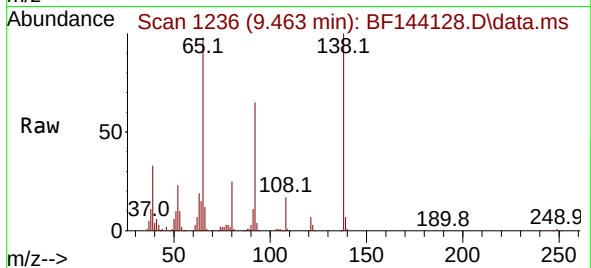
138 101.6 78.3 117.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#49

Acenaphthylene

Concen: 57.154 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

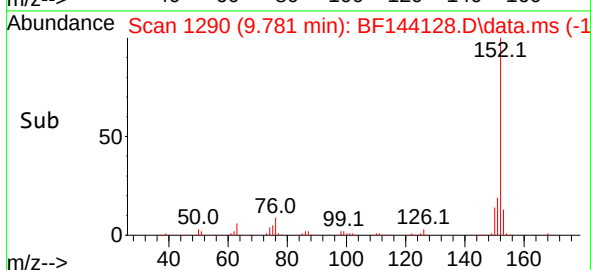
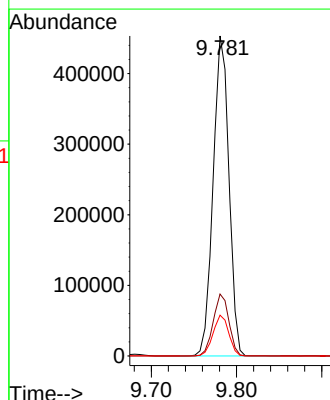
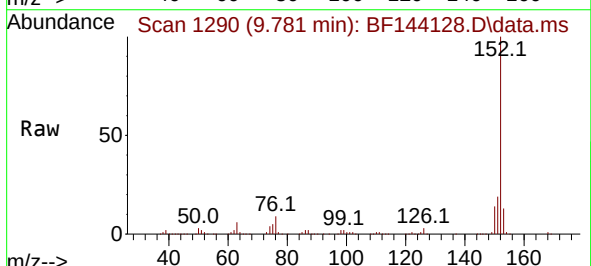
Tgt Ion:152 Resp: 585529

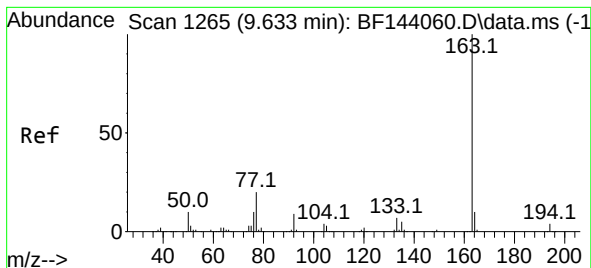
Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.7 10.4 15.6





#50

Dimethylphthalate

Concen: 56.101 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :

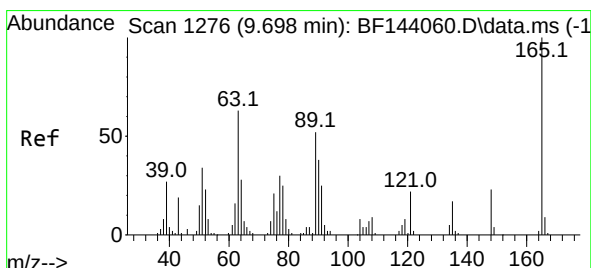
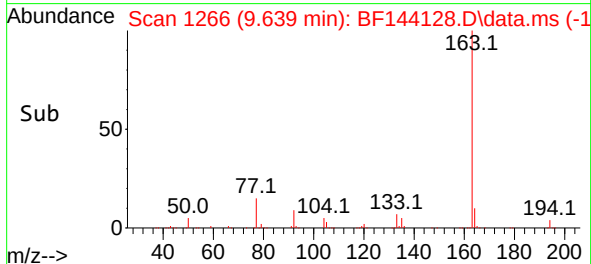
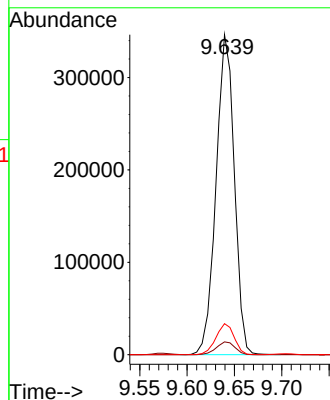
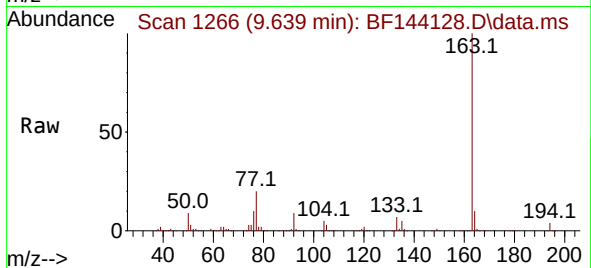
TP-8MSD

Tgt Ion:163 Resp: 465880
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 9.7 7.8 11.8

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#51

2,6-Dinitrotoluene

Concen: 58.578 ng

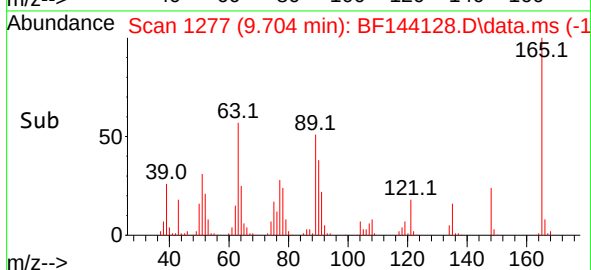
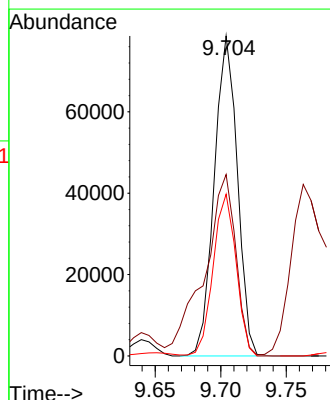
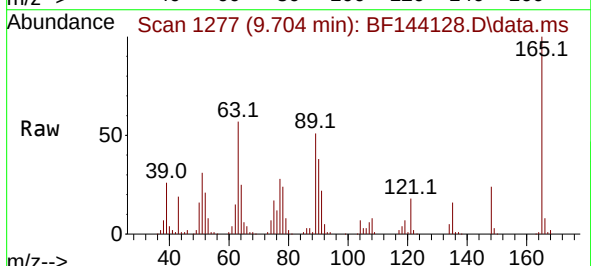
RT: 9.704 min Scan# 1277

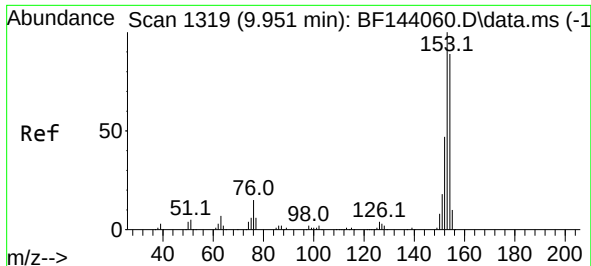
Delta R.T. 0.006 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

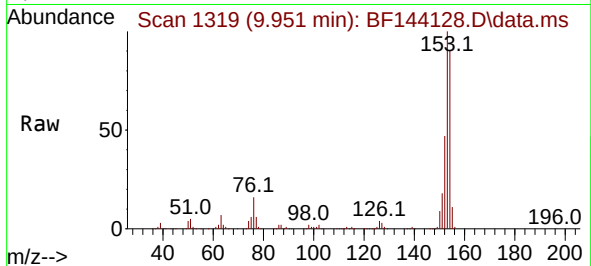
Tgt Ion:165 Resp: 96167
 Ion Ratio Lower Upper
 165 100
 63 56.7 50.4 75.6
 89 50.6 41.4 62.2





#52
Acenaphthene
Concen: 47.566 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

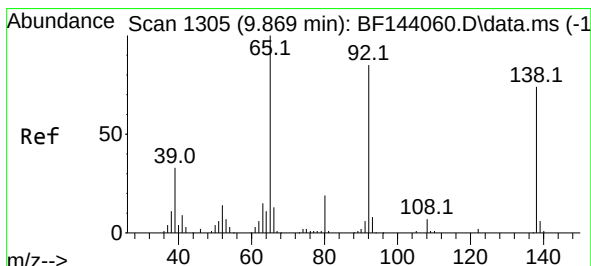
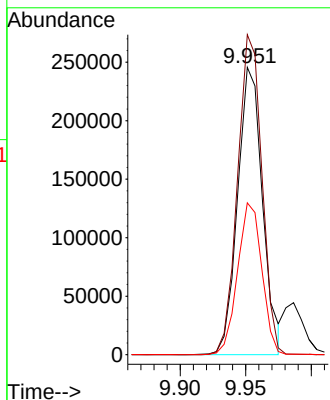
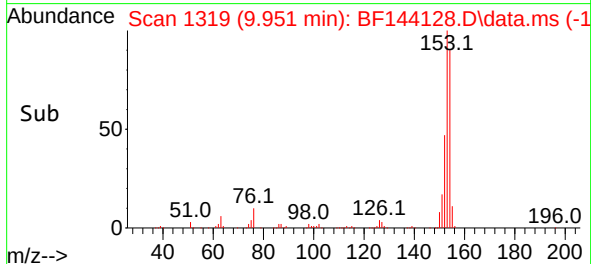
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



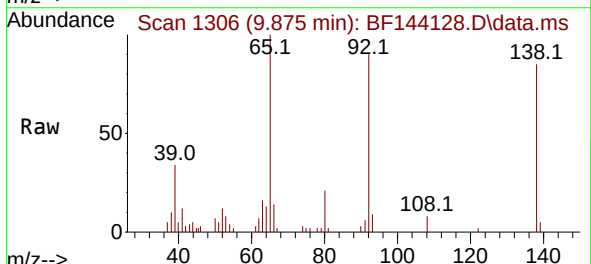
Tgt Ion:154 Resp: 32544
Ion Ratio Lower Upper
154 100
153 111.4 89.9 134.9
152 52.9 42.0 63.0

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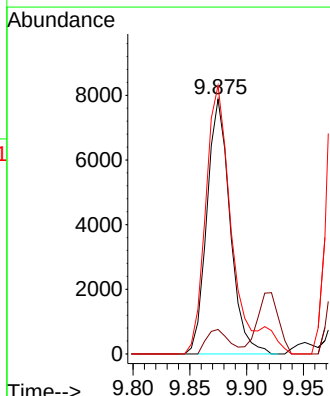
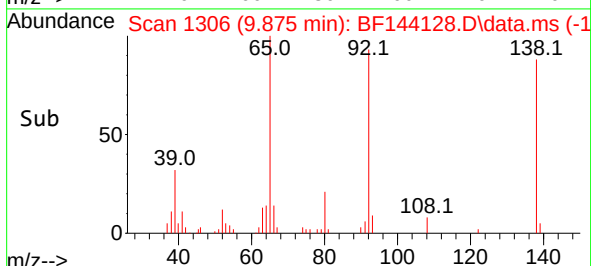
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

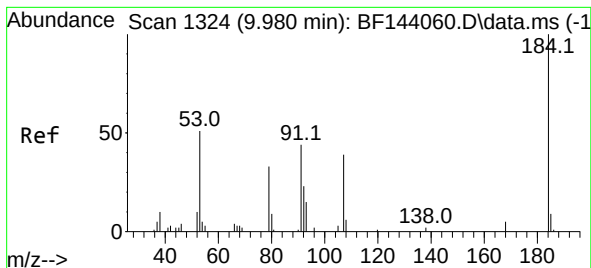


#53
3-Nitroaniline
Concen: 6.124 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



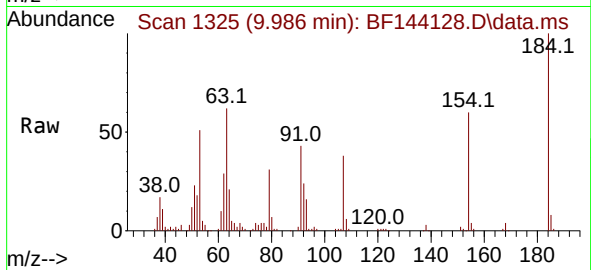
Tgt Ion:138 Resp: 11177
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 105.4 92.0 138.0





#54
2,4-Dinitrophenol
Concen: 115.232 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

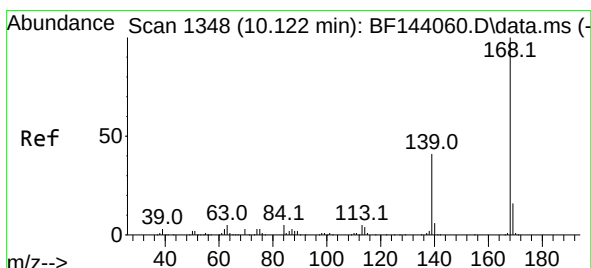
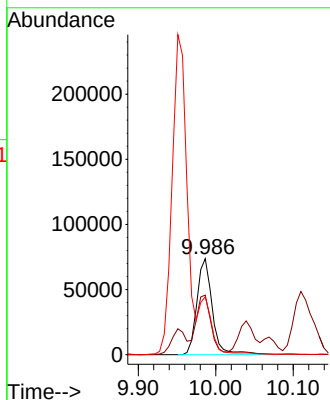
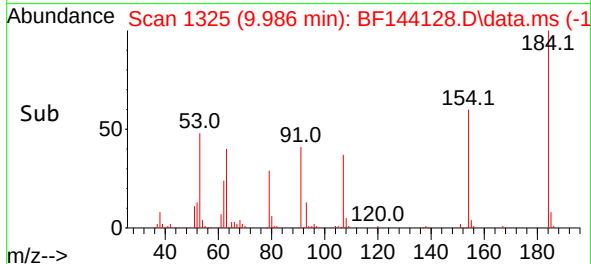
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



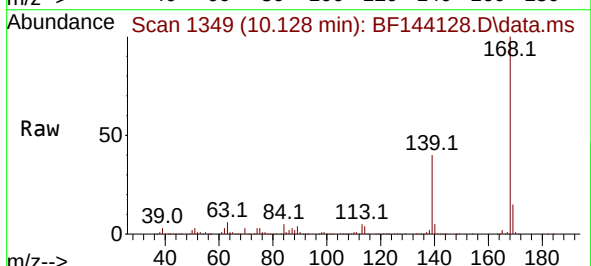
Tgt Ion:184 Resp: 102318
Ion Ratio Lower Upper
184 100
63 62.0 52.1 78.1
154 60.3 47.9 71.9

Manual Integrations
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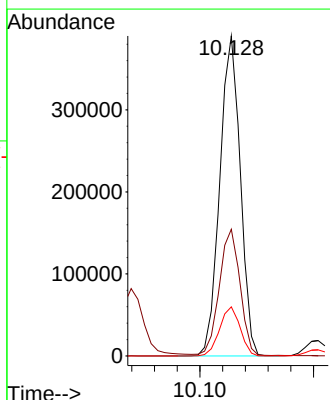
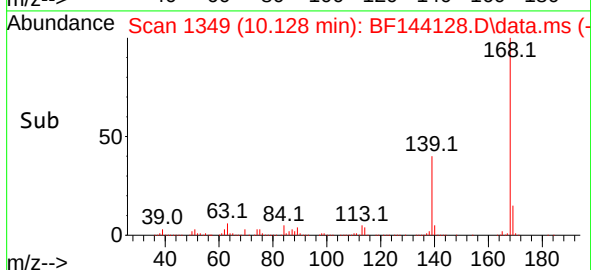
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

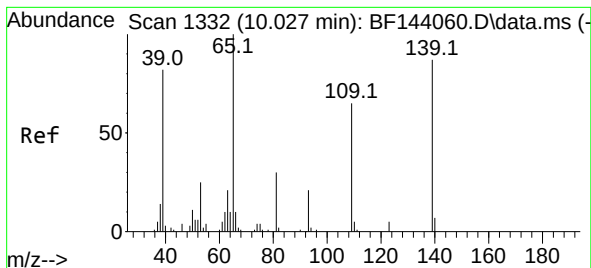


#55
Dibenzofuran
Concen: 51.517 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



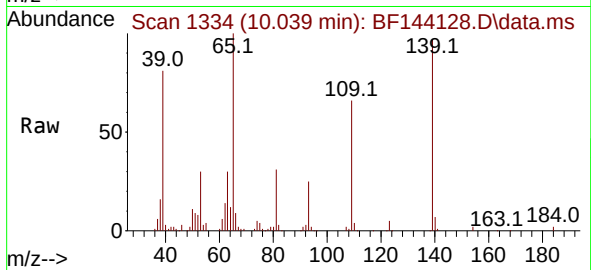
Tgt Ion:168 Resp: 489325
Ion Ratio Lower Upper
168 100
139 39.6 33.2 49.8
169 15.4 12.6 19.0





#56
4-Nitrophenol
Concen: 93.669 ng
RT: 10.039 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

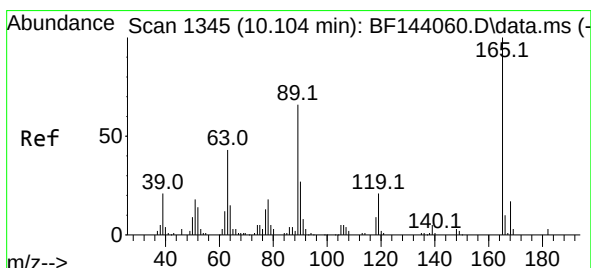
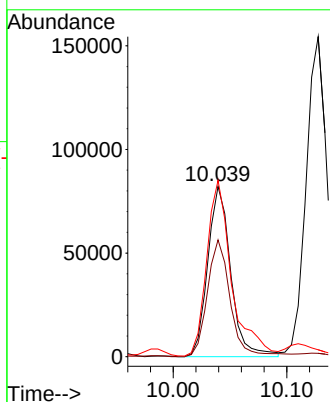
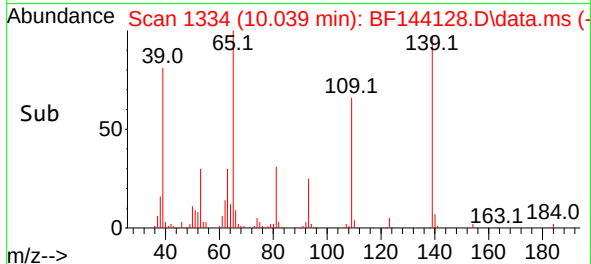
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:139 Resp: 115774
Ion Ratio Lower Upper
139 100
109 68.6 53.8 93.8
65 103.6 95.9 135.9

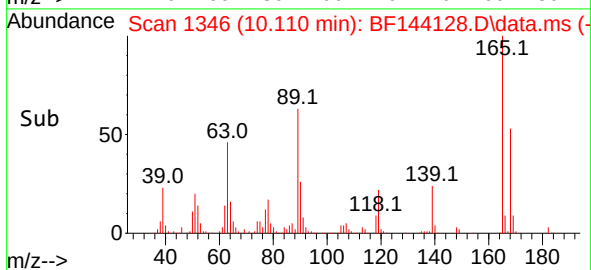
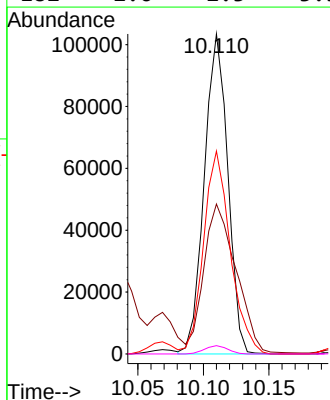
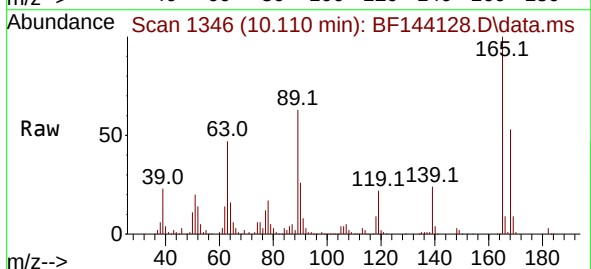
Manual Integrations
APPROVED

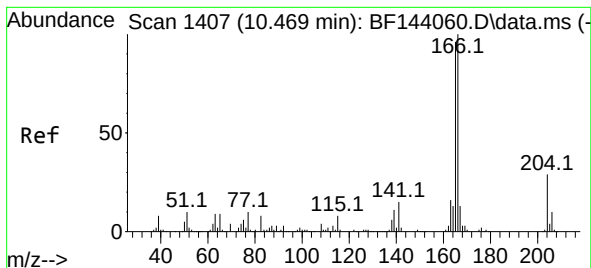
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#57
2,4-Dinitrotoluene
Concen: 58.122 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

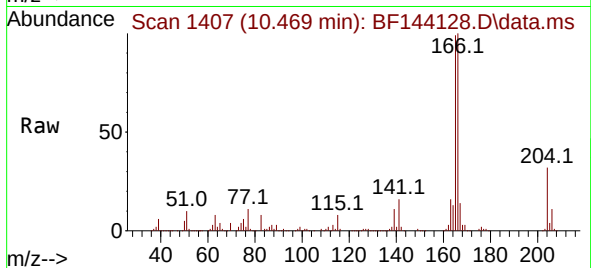
Tgt Ion:165 Resp: 128780
Ion Ratio Lower Upper
165 100
63 46.9 35.4 53.2
89 63.4 52.7 79.1
182 2.6 2.3 3.5





#58
Fluorene
Concen: 52.342 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

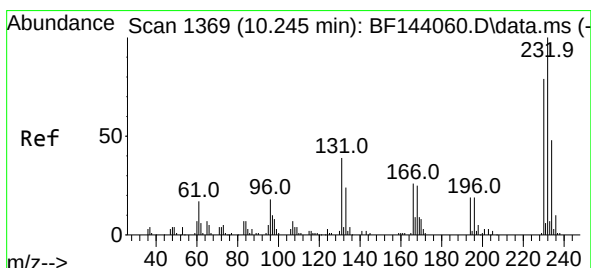
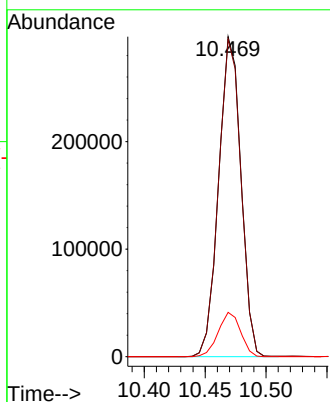
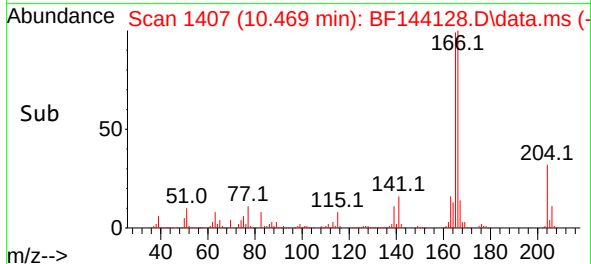
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



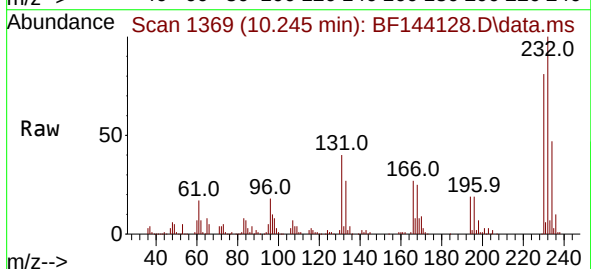
Tgt Ion:166 Resp: 378814
Ion Ratio Lower Upper
166 100
165 99.2 77.0 115.4
167 13.9 10.2 15.4

Manual Integrations
APPROVED

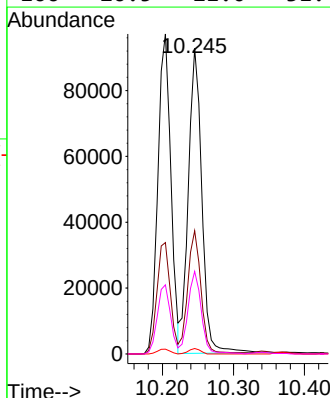
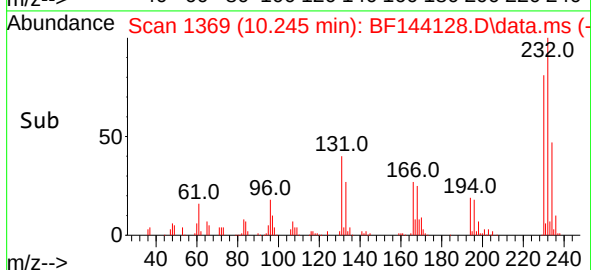
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

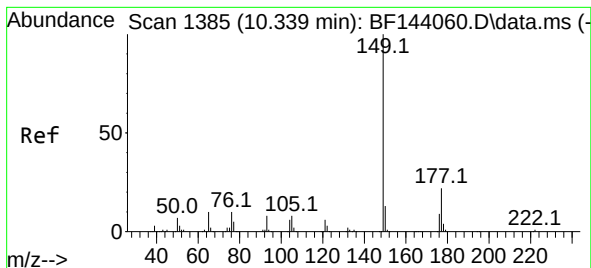


#59
2,3,4,6-Tetrachlorophenol
Concen: 58.723 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



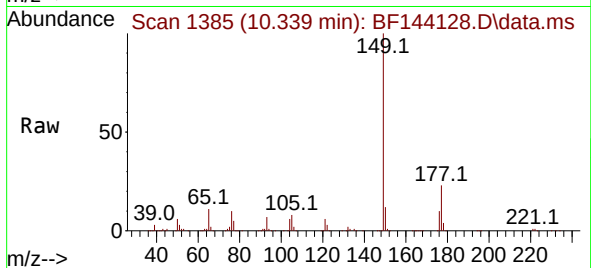
Tgt Ion:232 Resp: 122911
Ion Ratio Lower Upper
232 100
131 38.8 31.9 47.9
130 1.6 1.1 1.7
166 26.5 21.0 31.4





#60
Diethylphthalate
Concen: 54.569 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

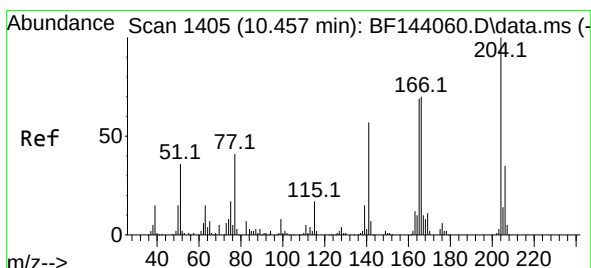
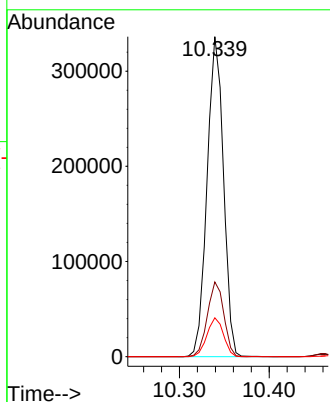
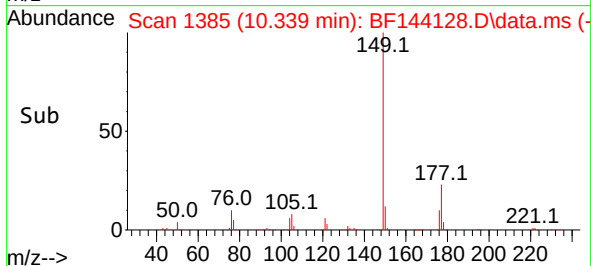
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



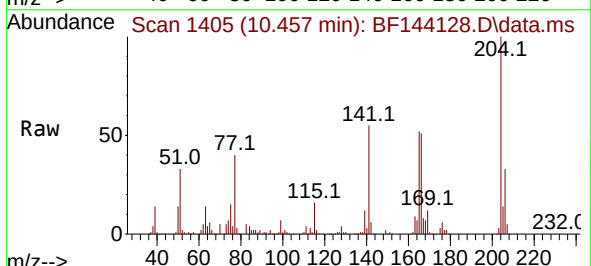
Tgt Ion:149 Resp: 426164
Ion Ratio Lower Upper
149 100
177 23.4 17.8 26.6
150 12.2 10.1 15.1

Manual Integrations
APPROVED

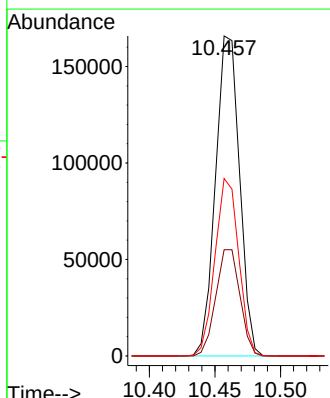
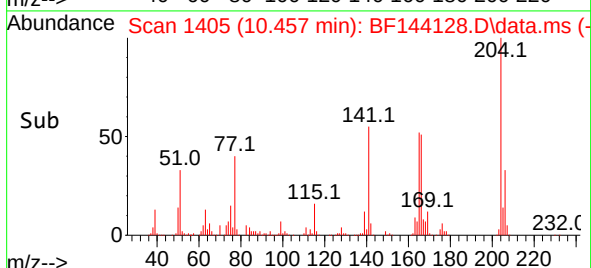
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

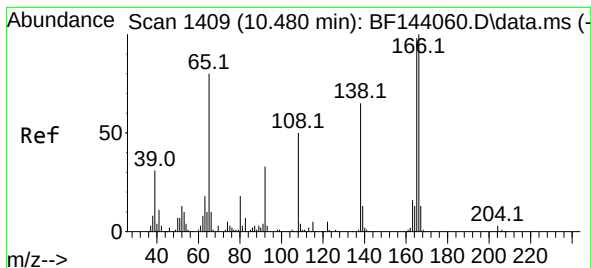


#61
4-Chlorophenyl-phenylether
Concen: 51.968 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



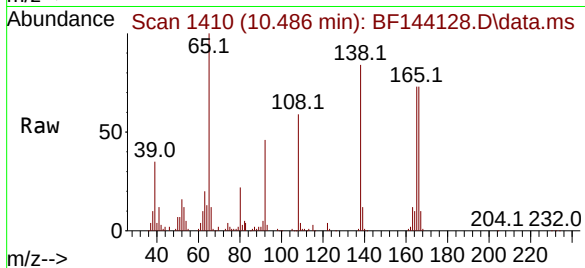
Tgt Ion:204 Resp: 211510
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.6
141 55.5 45.4 68.2





#62
4-Nitroaniline
Concen: 40.810 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

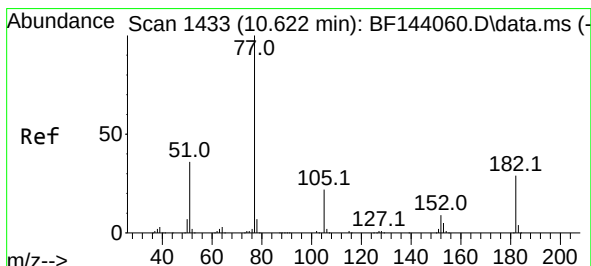
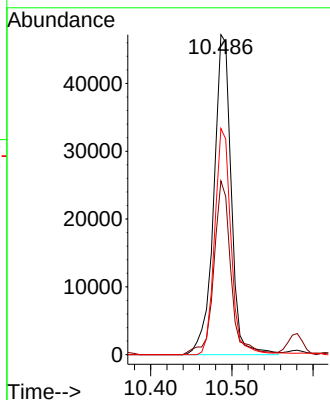
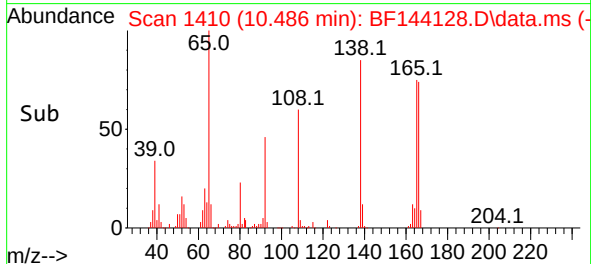
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



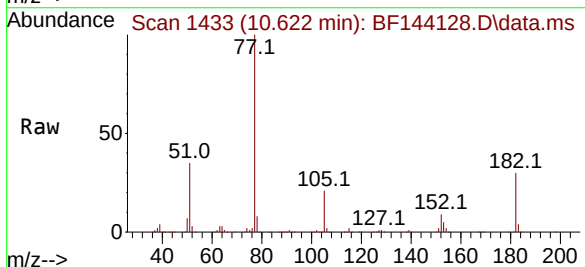
Tgt Ion:138 Resp: 70579
Ion Ratio Lower Upper
138 100
92 54.3 30.5 70.5
108 70.7 56.2 96.2

Manual Integrations
APPROVED

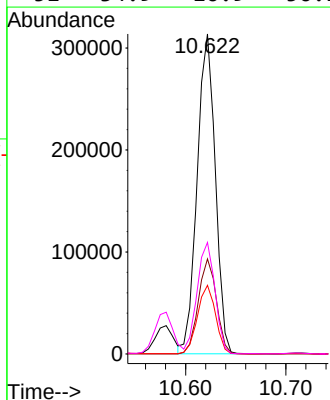
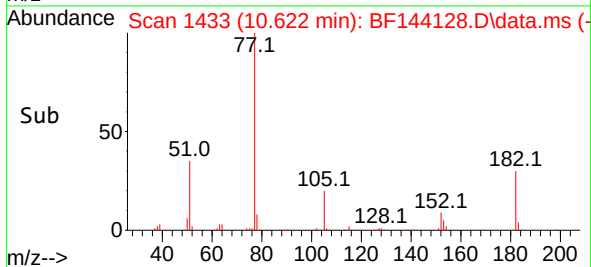
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

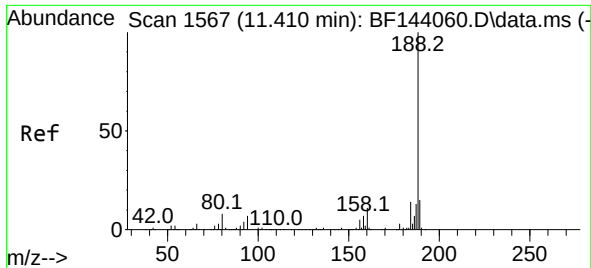


#63
Azobenzene
Concen: 53.495 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



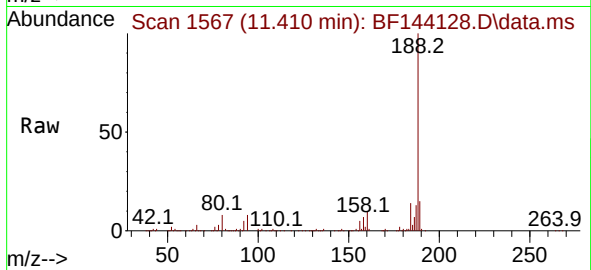
Tgt Ion: 77 Resp: 395412
Ion Ratio Lower Upper
77 100
182 29.7 9.0 49.0
105 21.4 1.4 41.4
51 34.9 16.9 56.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11410
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

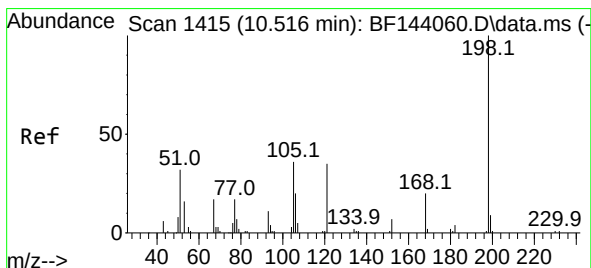
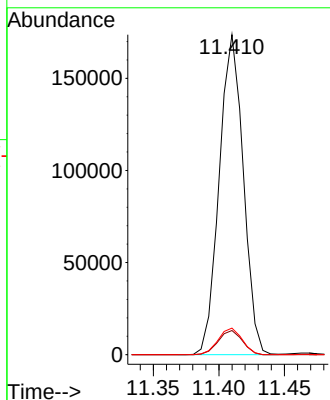
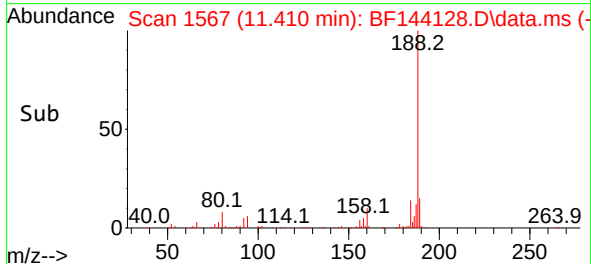
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



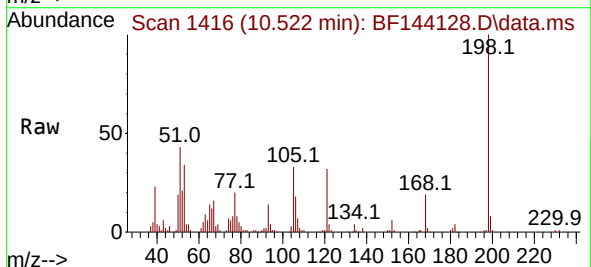
Tgt Ion:188 Resp: 221499
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 8.3 6.0 9.0

Manual Integrations
APPROVED

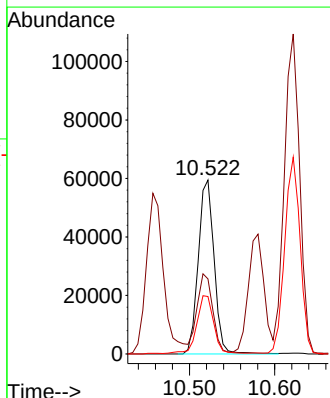
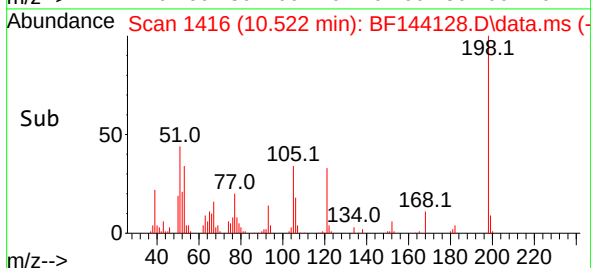
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

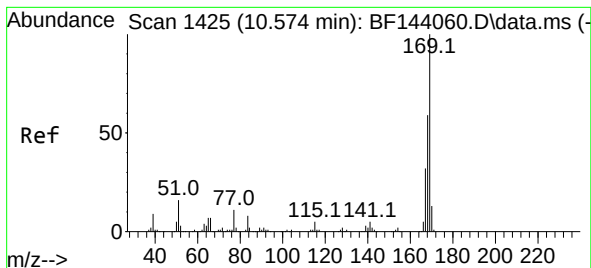


#65
4,6-Dinitro-2-methylphenol
Concen: 54.068 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



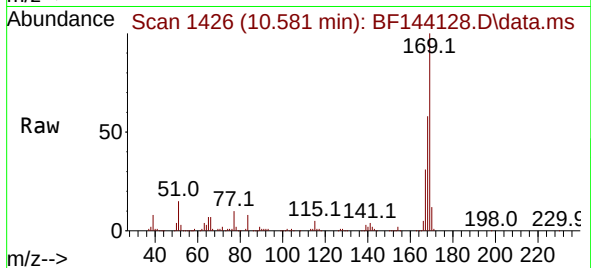
Tgt Ion:198 Resp: 76836
Ion Ratio Lower Upper
198 100
51 43.1 25.8 65.8
105 33.0 17.2 57.2





#66
n-Nitrosodiphenylamine
Concen: 49.464 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

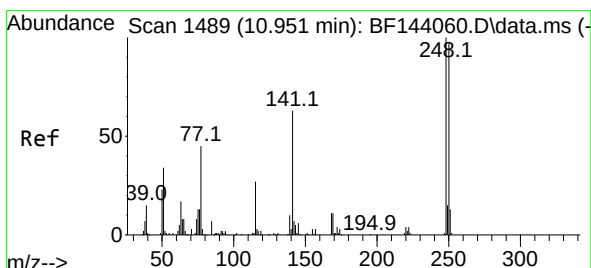
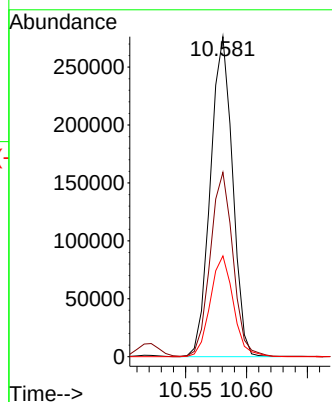
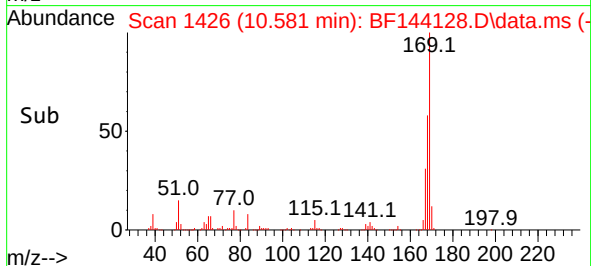
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



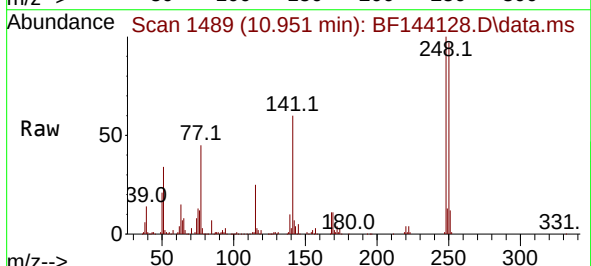
Tgt Ion:169 Resp: 35005
Ion Ratio Lower Upper
169 100
168 57.6 47.4 71.2
167 31.5 25.5 38.3

Manual Integrations
APPROVED

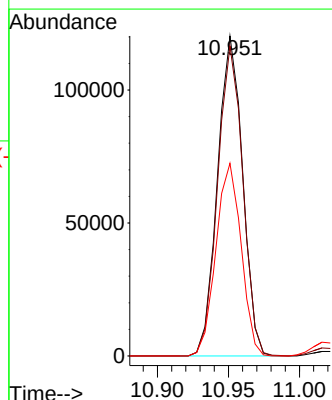
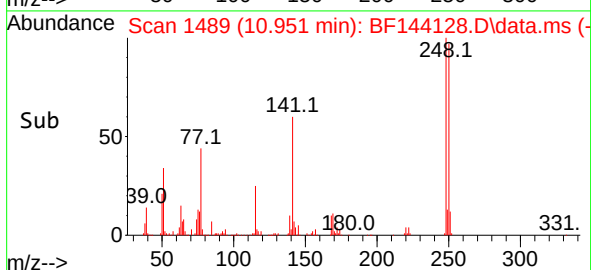
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

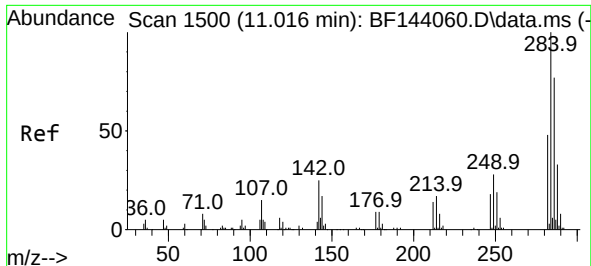


#67
4-Bromophenyl-phenylether
Concen: 53.323 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion:248 Resp: 147882
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 60.2 50.5 75.7





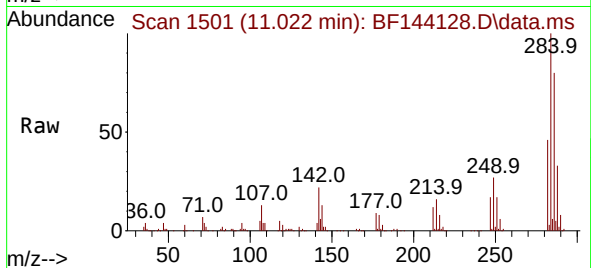
#68
Hexachlorobenzene
Concen: 52.260 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :

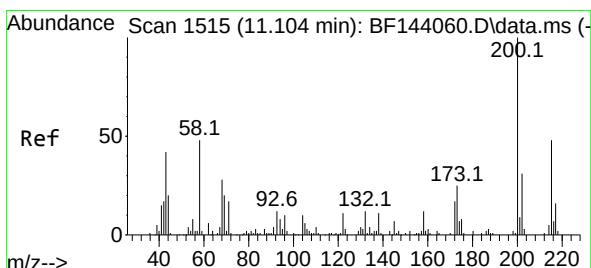
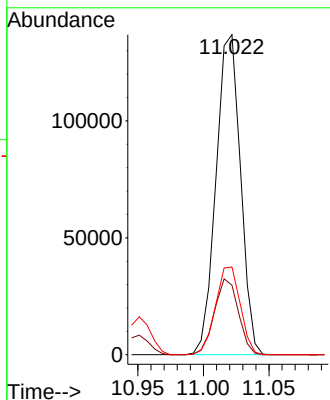
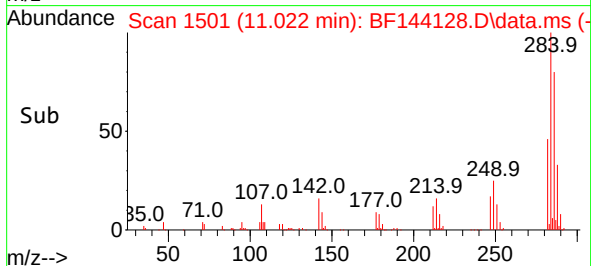
TP-8MSD



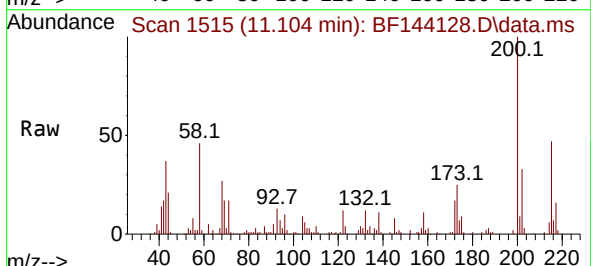
Tgt Ion:284 Resp: 177748
Ion Ratio Lower Upper
284 100
142 21.7 20.0 30.0
249 27.4 22.2 33.2

Manual Integrations
APPROVED

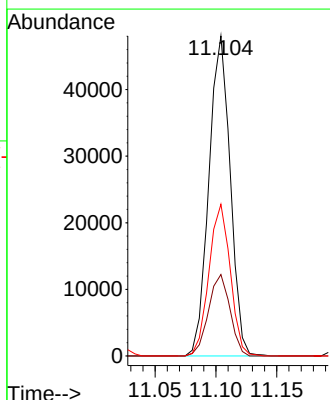
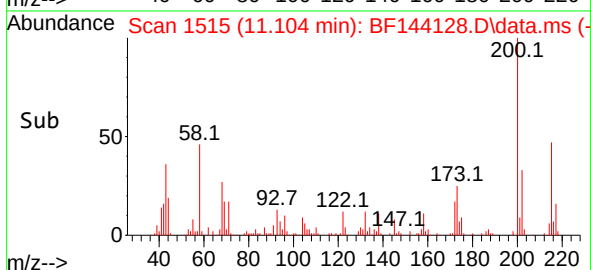
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

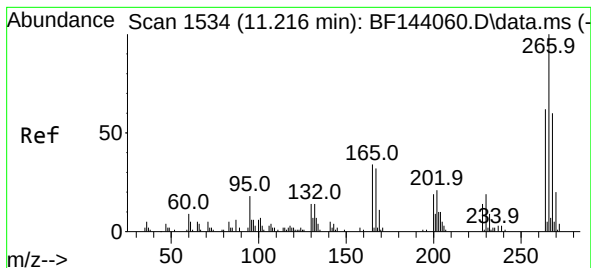


#69
Atrazine
Concen: 25.239 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



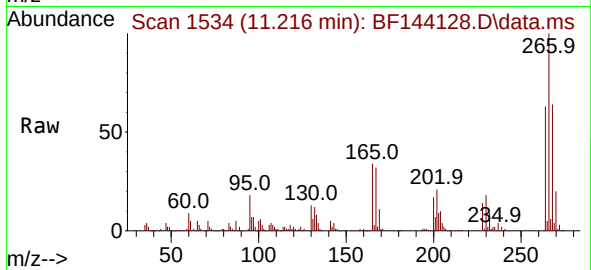
Tgt Ion:200 Resp: 58611
Ion Ratio Lower Upper
200 100
173 25.5 4.9 44.9
215 47.4 28.2 68.2





#70
Pentachlorophenol
Concen: 112.298 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

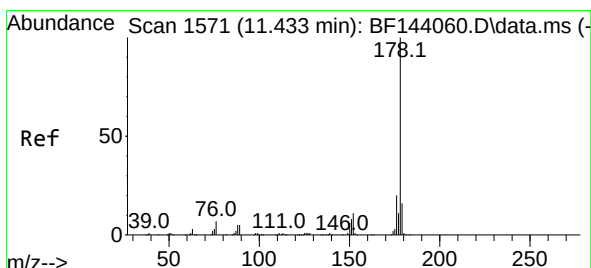
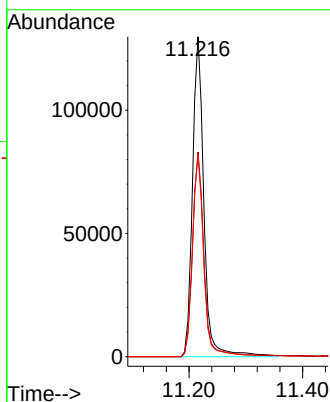
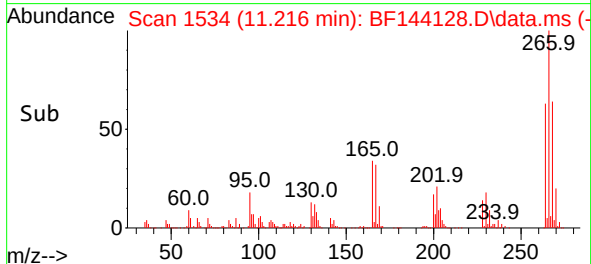
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



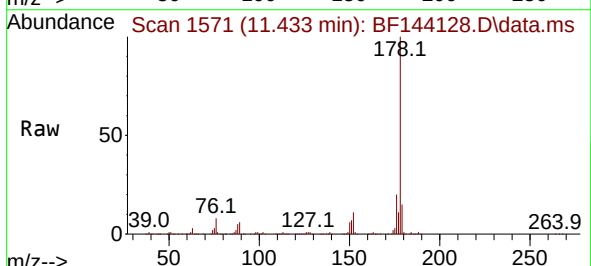
Tgt Ion:266 Resp: 181809
Ion Ratio Lower Upper
266 100
268 63.9 48.2 72.4
264 63.3 49.4 74.0

Manual Integrations
APPROVED

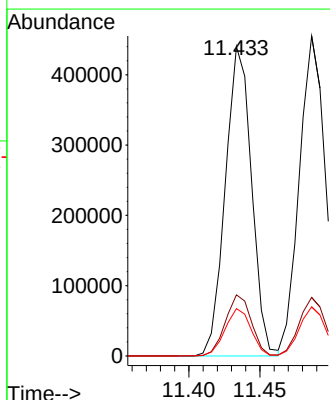
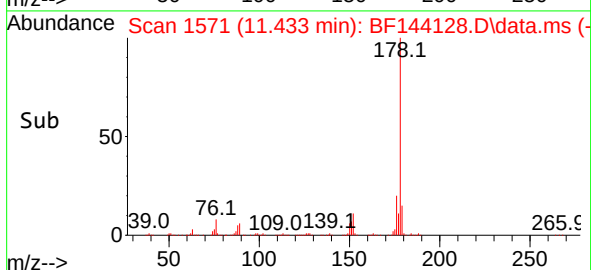
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

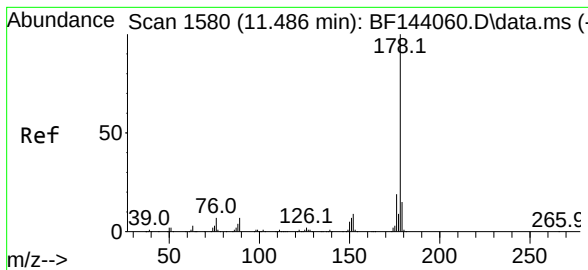


#71
Phenanthrene
Concen: 51.569 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



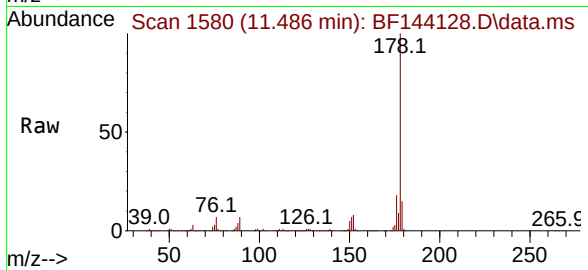
Tgt Ion:178 Resp: 567418
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.3 12.6 18.8





#72
 Anthracene
 Concen: 50.812 ng
 RT: 11.486 min Scan# 11486
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

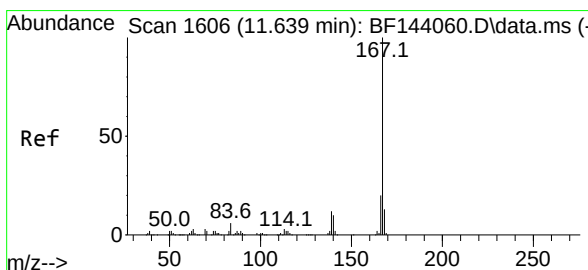
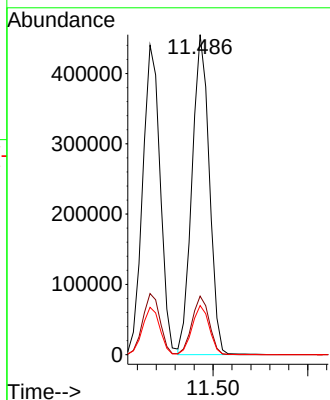
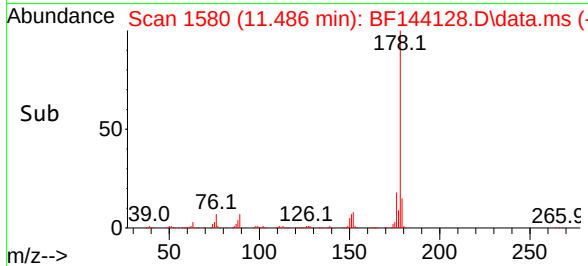
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD



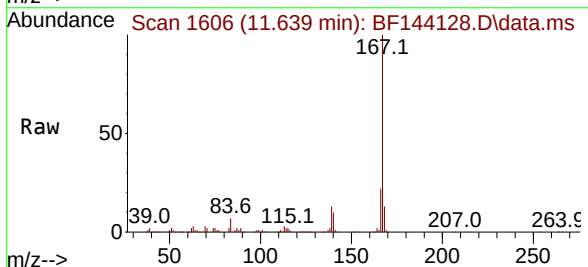
Tgt Ion:178 Resp: 57754
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.3 11.8 17.6

Manual Integrations
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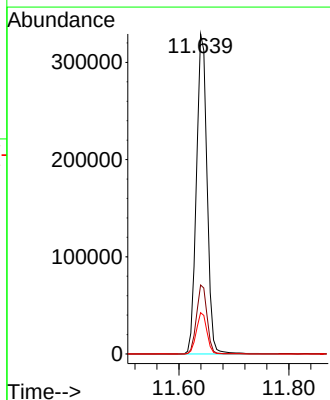
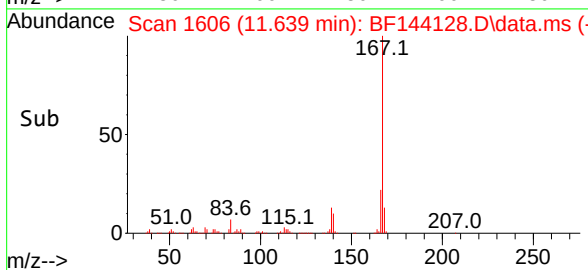
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

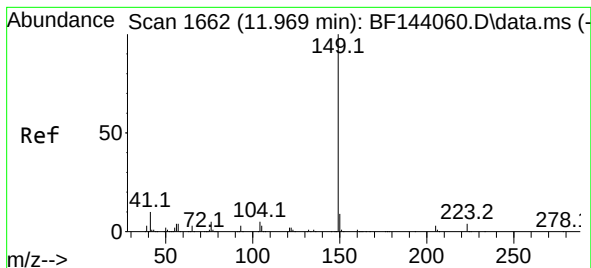


#73
 Carbazole
 Concen: 45.851 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02



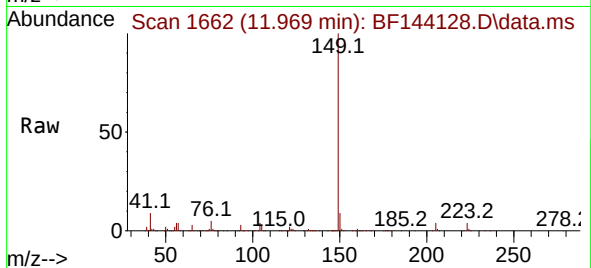
Tgt Ion:167 Resp: 443592
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.1 24.1
 139 12.9 9.8 14.6





#74
Di-n-butylphthalate
Concen: 54.009 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

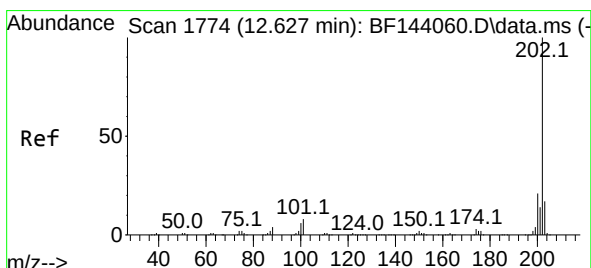
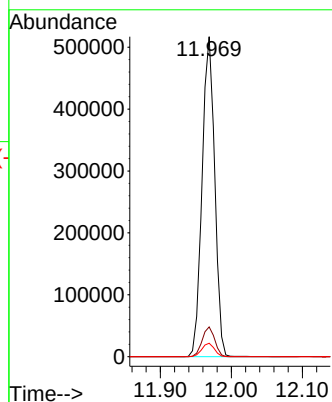
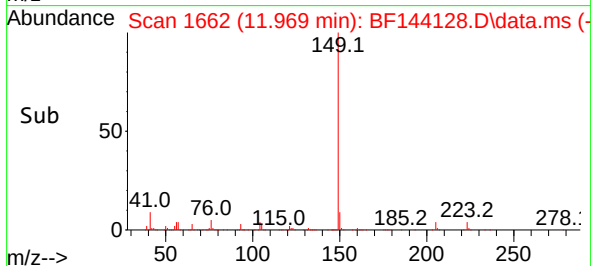
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



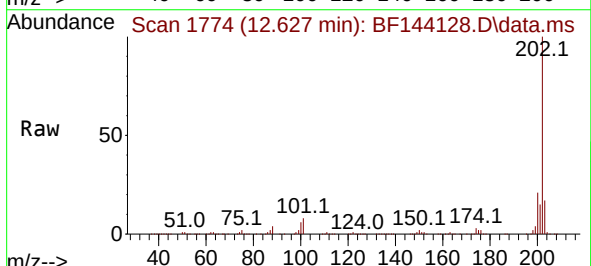
Tgt Ion:149 Resp: 64062
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.2 3.6 5.4

Manual Integrations
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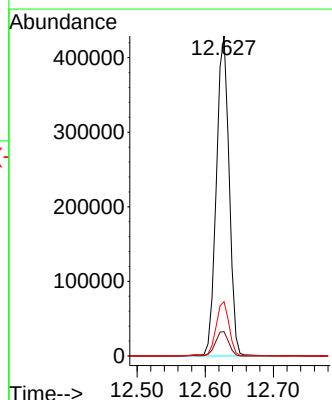
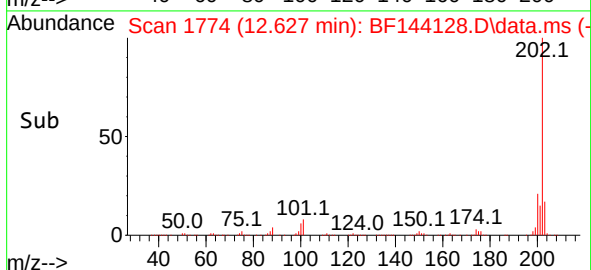
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

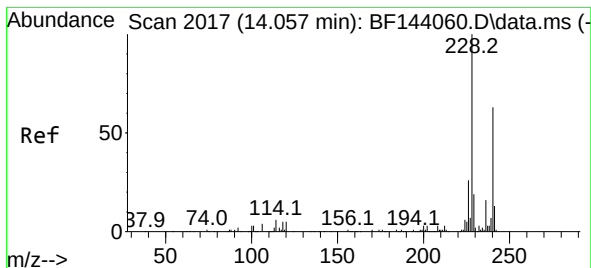


#75
Fluoranthene
Concen: 46.072 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



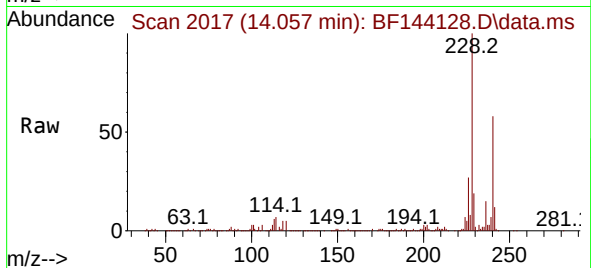
Tgt Ion:202 Resp: 560069
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.7
203 17.0 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

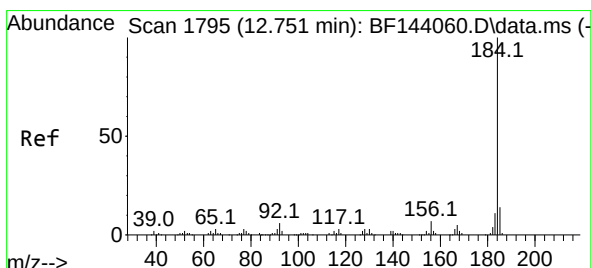
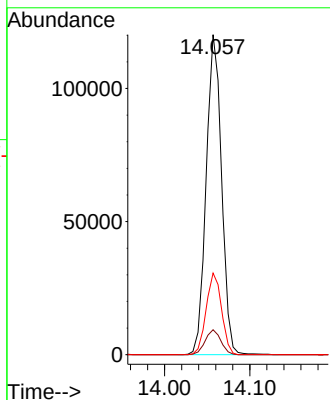
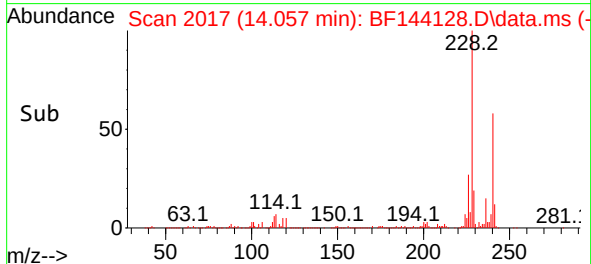
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



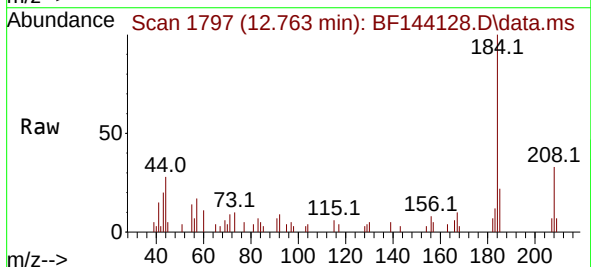
Tgt Ion:240 Resp: 15072
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 25.5 20.1 30.1

Manual Integrations
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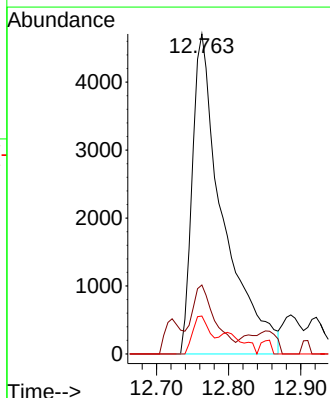
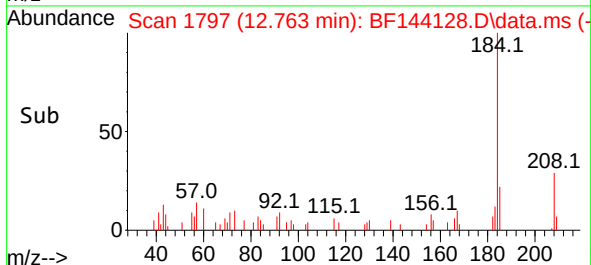
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

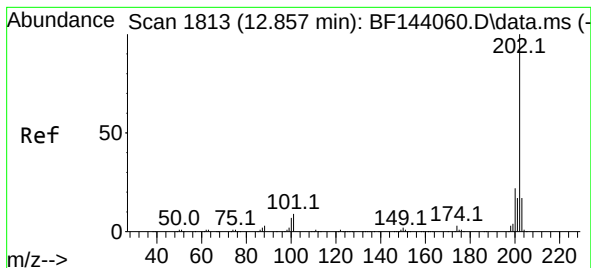


#77
Benzidine
Concen: 2.951 ng m
RT: 12.763 min Scan# 1797
Delta R.T. 0.012 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



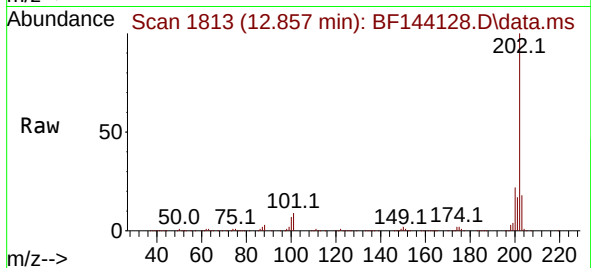
Tgt Ion:184 Resp: 13841
Ion Ratio Lower Upper
184 100
185 21.6 11.6 17.4#
183 11.9 8.5 12.7





#78
Pyrene
Concen: 51.761 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

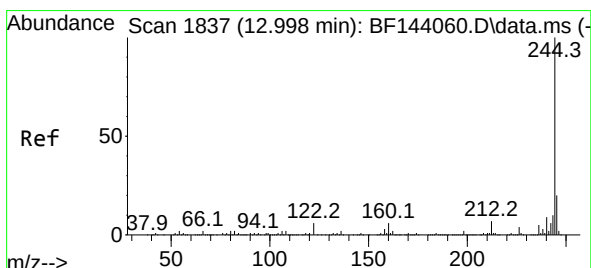
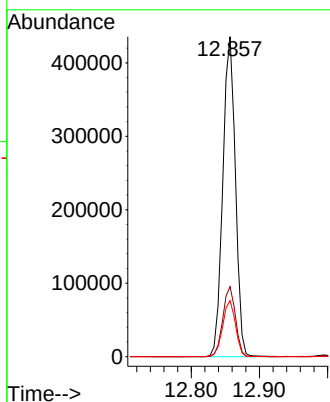
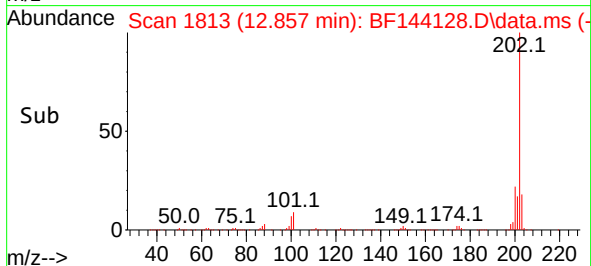
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



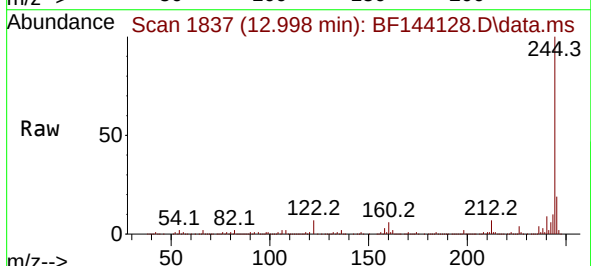
Tgt Ion:202 Resp: 56088
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 17.6 13.5 20.3

Manual Integrations
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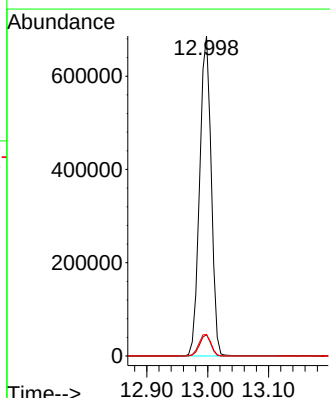
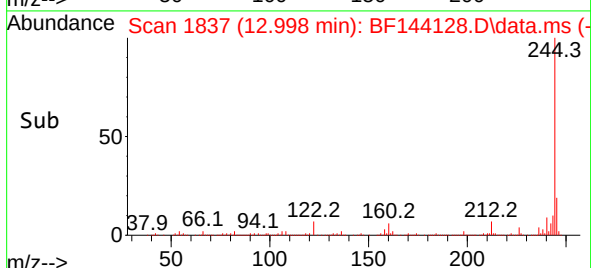
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

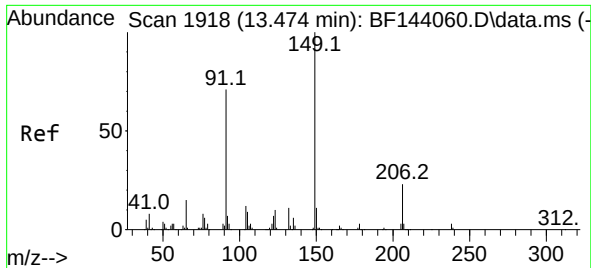


#79
Terphenyl-d14
Concen: 104.505 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



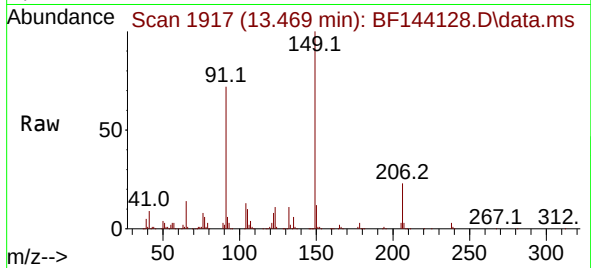
Tgt Ion:244 Resp: 900993
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 6.7 4.9 7.3





#80
Butylbenzylphthalate
Concen: 54.910 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

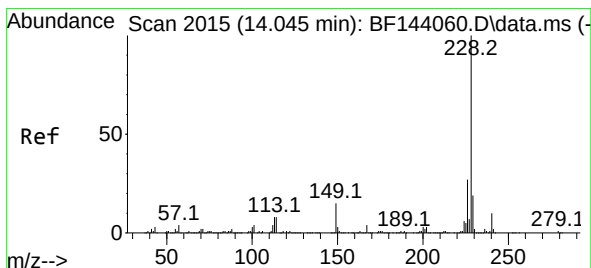
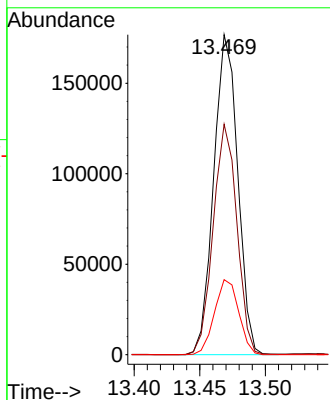
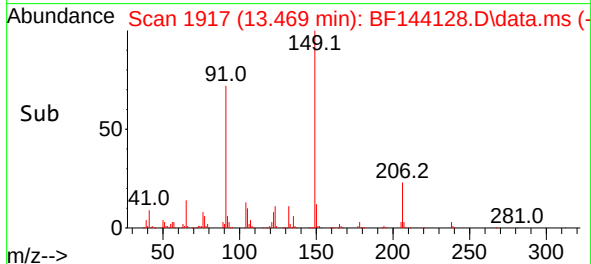
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:149 Resp: 225098
Ion Ratio Lower Upper
149 100
91 72.0 56.6 84.8
206 23.4 18.3 27.5

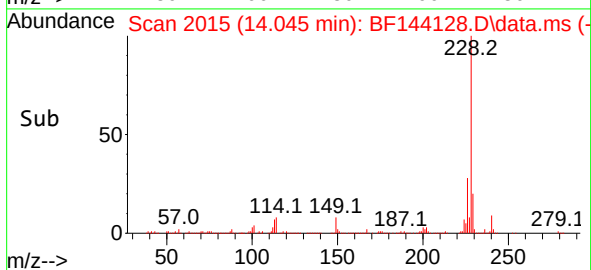
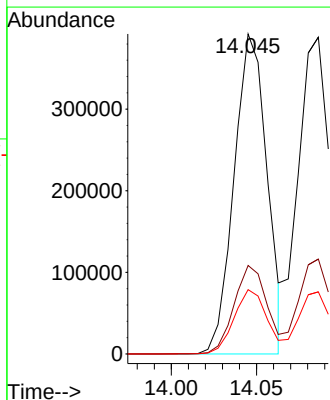
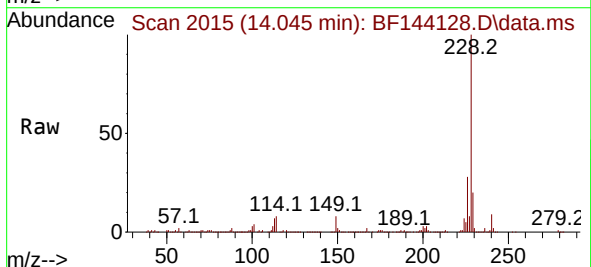
Manual Integrations
APPROVED

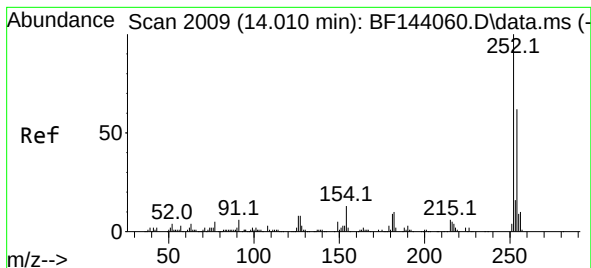
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#81
Benzo(a)anthracene
Concen: 51.750 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

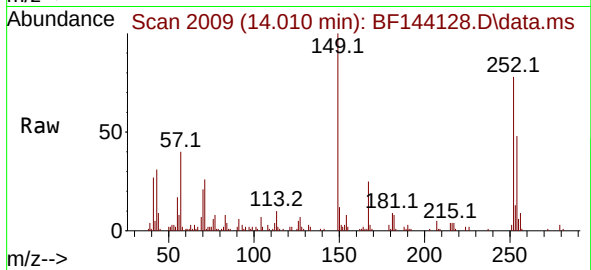
Tgt Ion:228 Resp: 527127
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.2
229 20.1 15.3 22.9





#82
3,3'-Dichlorobenzidine
Concen: 6.127 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

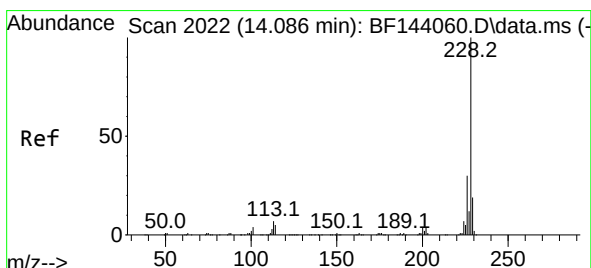
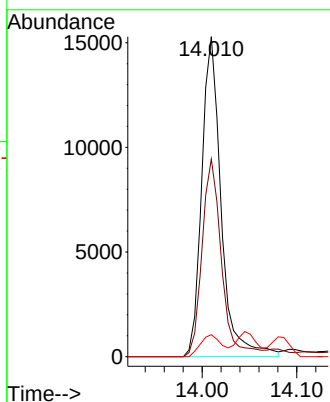
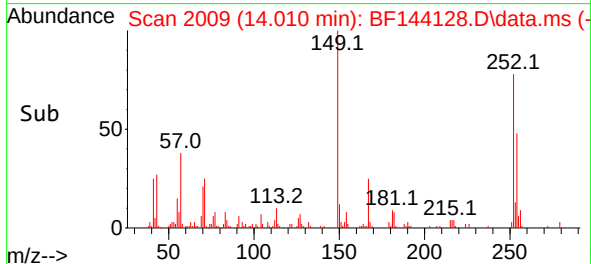
Instrument :
BNA_F
Client SampleId :
TP-8MSD



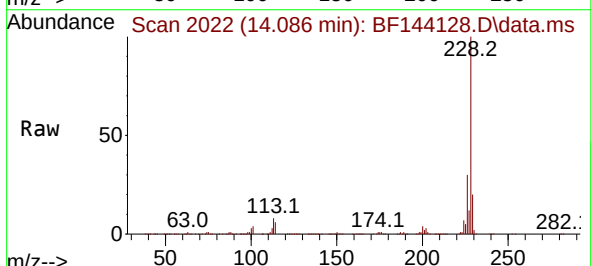
Tgt Ion:252 Resp: 21724
Ion Ratio Lower Upper
252 100
254 61.8 49.9 74.9
126 6.8 6.5 9.7

Manual Integrations
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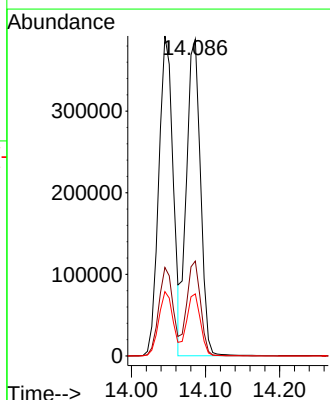
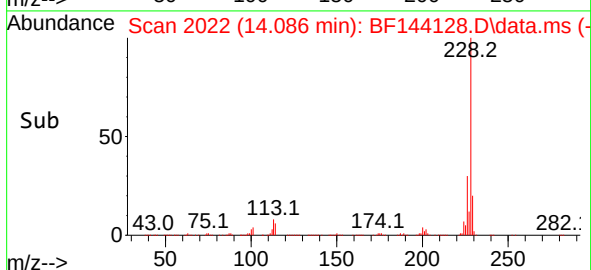
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

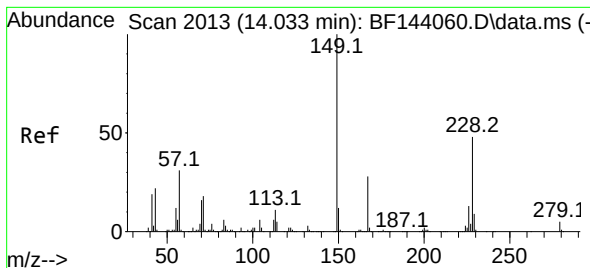


#83
Chrysene
Concen: 53.474 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



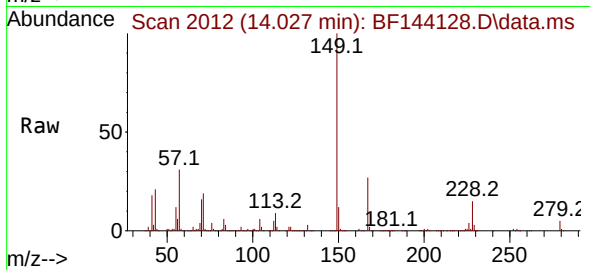
Tgt Ion:228 Resp: 511132
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.6 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 54.199 ng
RT: 14.027 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

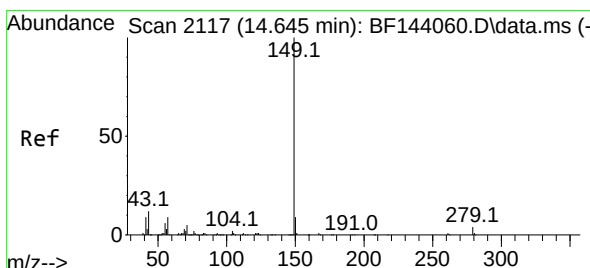
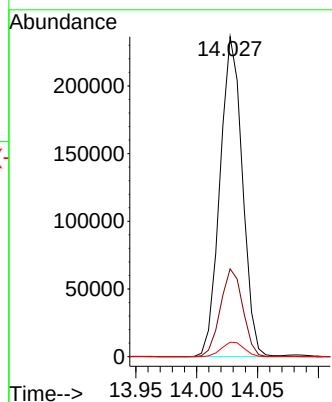
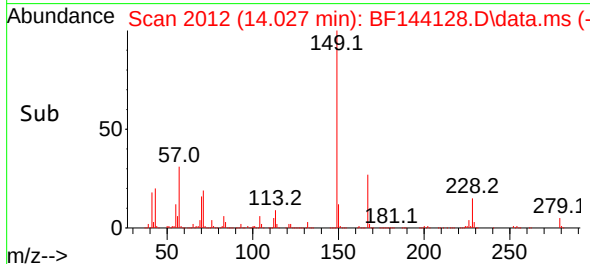
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



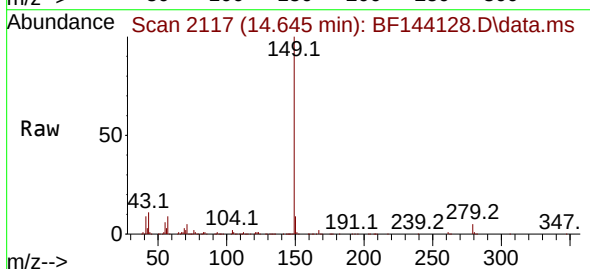
Tgt Ion:149 Resp: 30332
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.6 3.6 5.4

Manual Integrations
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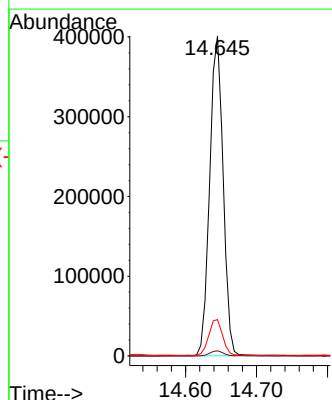
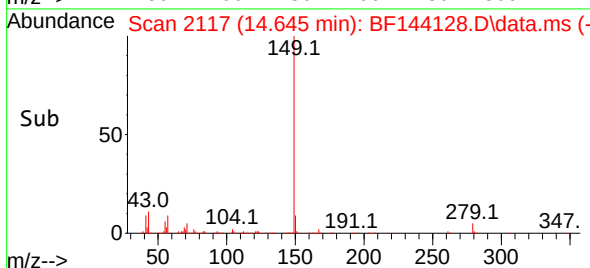
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

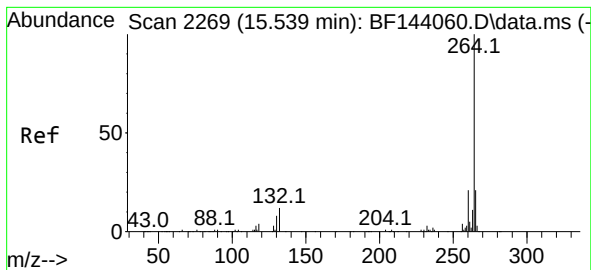


#85
Di-n-octyl phthalate
Concen: 54.924 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



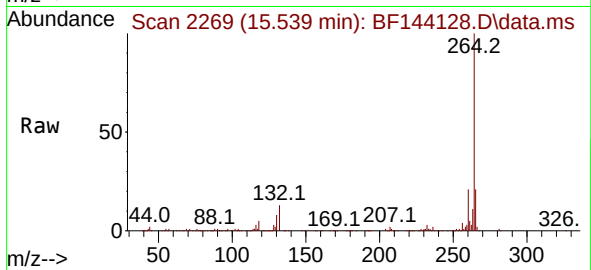
Tgt Ion:149 Resp: 528604
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.5 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

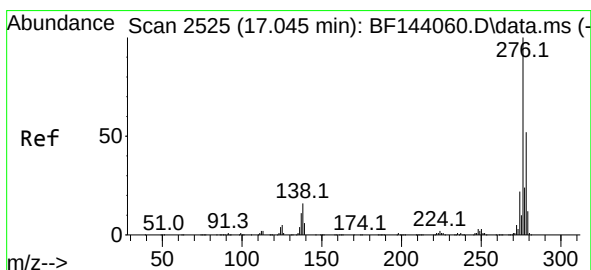
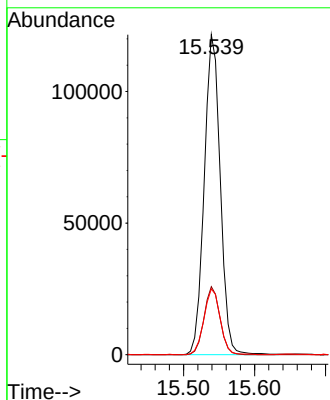
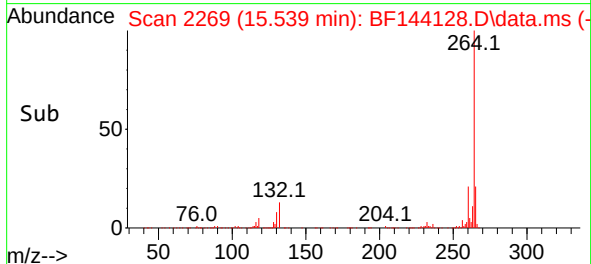
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



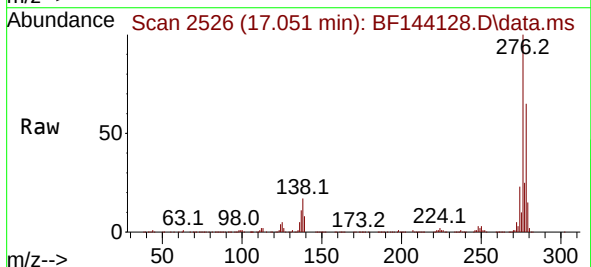
Tgt Ion:264 Resp: 19104
Ion Ratio Lower Upper
264 100
260 21.3 17.0 25.4
265 20.6 16.6 24.8

Manual Integrations
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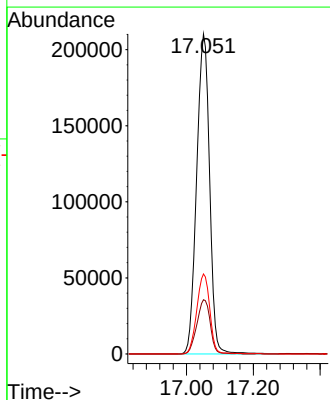
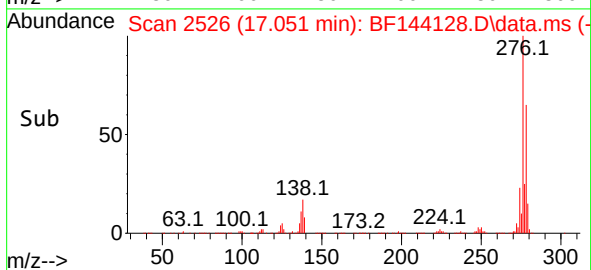
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

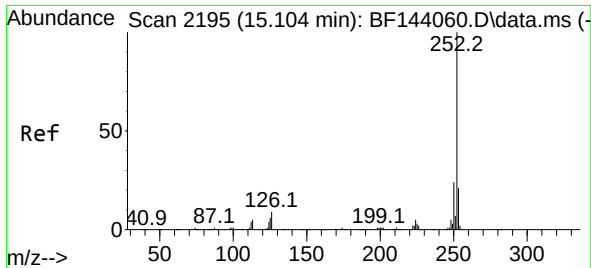


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.024 ng
RT: 17.051 min Scan# 2526
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



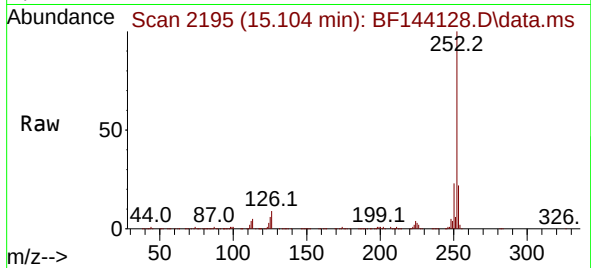
Tgt Ion:276 Resp: 564309
Ion Ratio Lower Upper
276 100
138 17.5 13.0 19.6
277 25.2 19.4 29.0





#88
Benzo(b)fluoranthene
Concen: 54.391 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

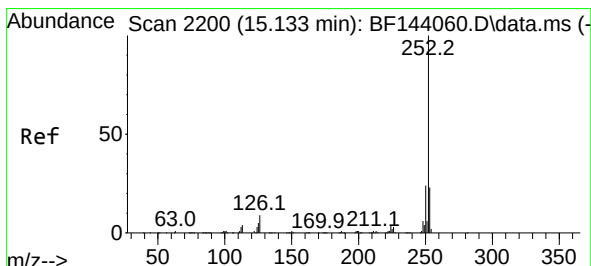
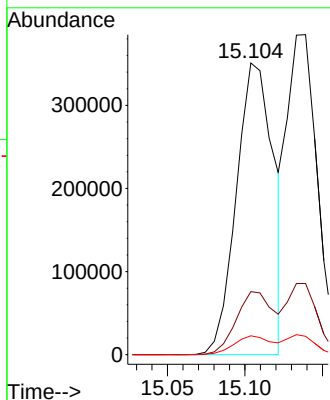
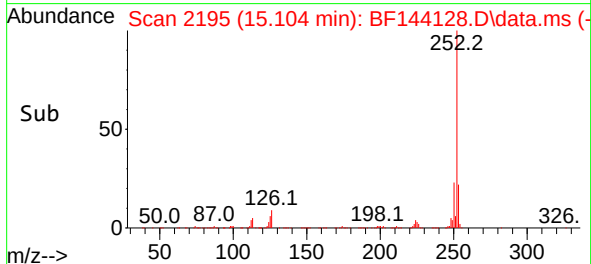
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:252 Resp: 587435
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 6.5 5.0 7.6

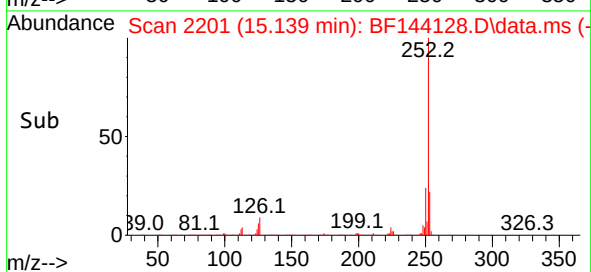
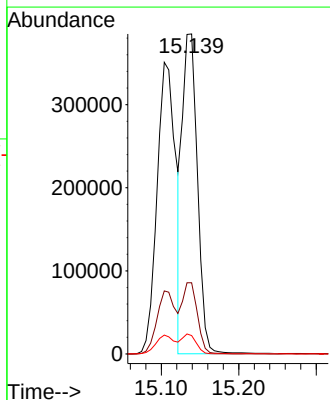
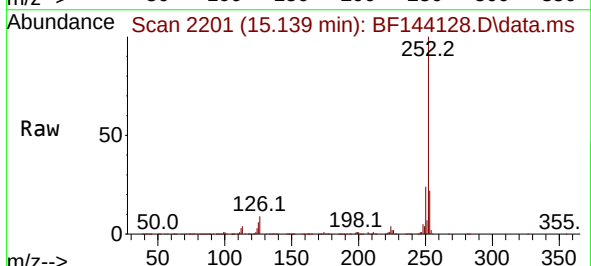
Manual Integrations
APPROVED

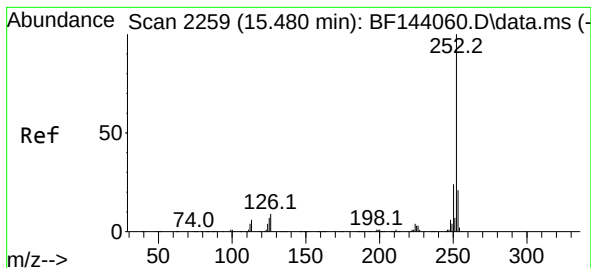
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#89
Benzo(k)fluoranthene
Concen: 52.440 ng
RT: 15.139 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:252 Resp: 522551
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.8 4.9 7.3





#90

Benzo(a)pyrene

Concen: 56.382 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :

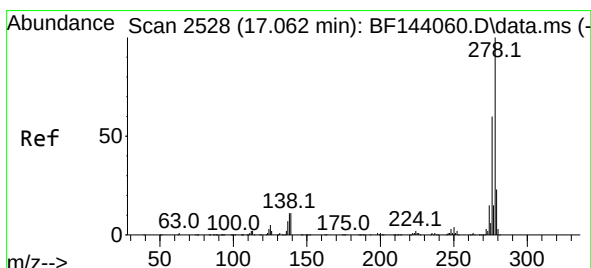
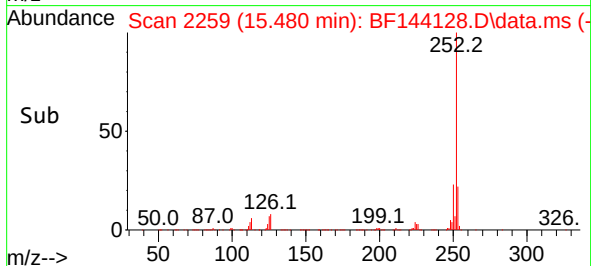
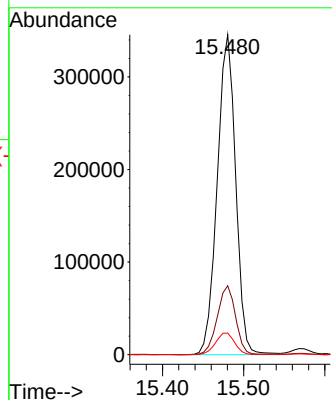
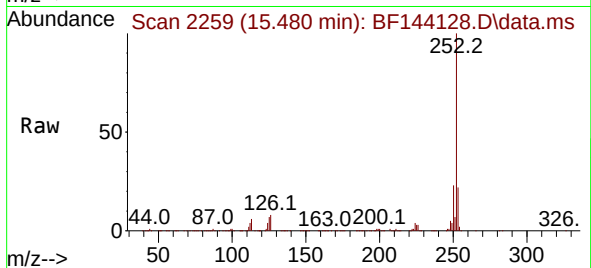
TP-8MSD

Tgt Ion:252 Resp: 546298
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.1 25.7
 125 6.8 5.4 8.2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#91

Dibenzo(a,h)anthracene

Concen: 44.699 ng

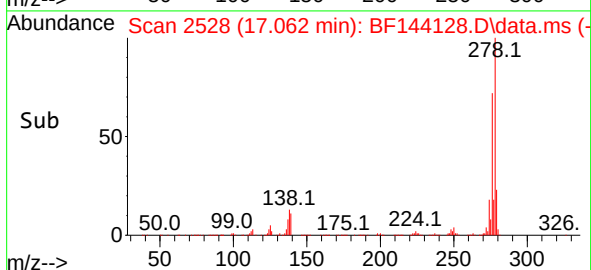
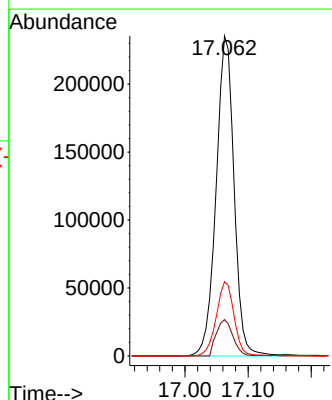
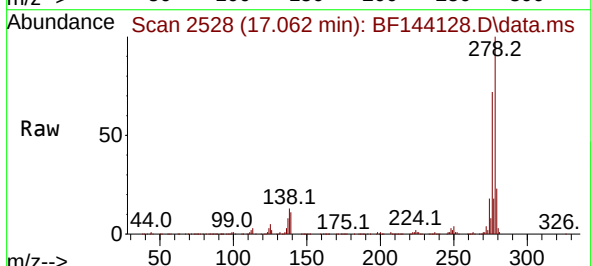
RT: 17.062 min Scan# 2528

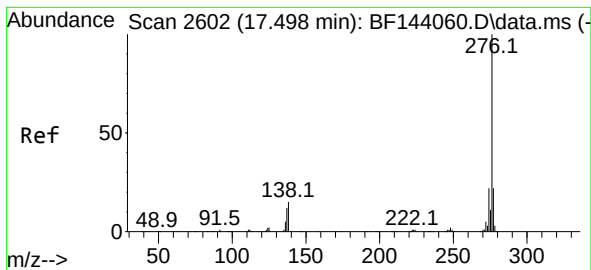
Delta R.T. 0.000 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

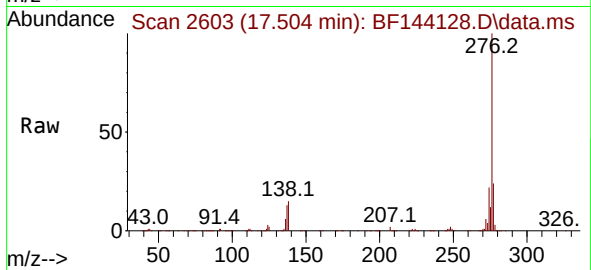
Tgt Ion:278 Resp: 464083
 Ion Ratio Lower Upper
 278 100
 139 11.4 8.5 12.7
 279 23.2 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 39.424 ng
 RT: 17.504 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

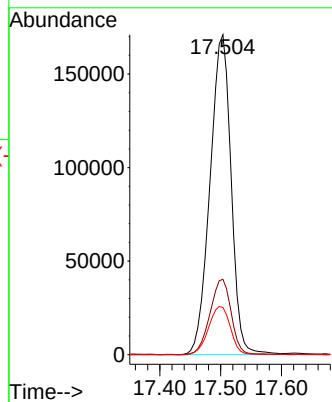
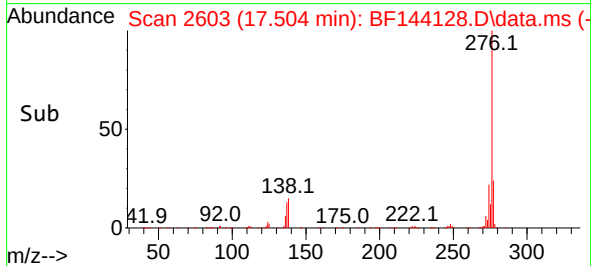
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD



Tgt Ion: 276 Resp: 41152
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.9 26.9
 138 14.7 12.0 18.0

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025





Manual Integration Report

Sequence:	BF102425	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BF102825	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170267BS	BF144099.D	2,3,4,6-Tetrachlorophen ol	rahul	10/29/2025 8:33:35 AM	Jagrut	10/29/2025 3:21:52 PM	Peak Integrated by Software
PB170267BS	BF144099.D	Caprolactam	rahul	10/29/2025 8:33:35 AM	Jagrut	10/29/2025 3:21:52 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF102925

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3427-04MS	BF144127.D	Caprolactam	rahul	10/30/2025 8:48:02 AM	Jagrut	10/30/2025 4:41:53 PM	Peak Integrated by Software
Q3427-04MSD	BF144128.D	Benzidine	rahul	10/30/2025 8:48:04 AM	Jagrut	10/30/2025 4:41:56 PM	Peak Integrated by Software
Q3427-04MSD	BF144128.D	Caprolactam	rahul	10/30/2025 8:48:04 AM	Jagrut	10/30/2025 4:41:56 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software



Manual Integration Report

Sequence:	BG102825	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BG103125	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP103025

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026039.D	Indeno(1,2,3-cd)pyrene	rahul	10/31/2025 2:17:01 PM	Jagrut	10/31/2025 2:24:54 PM	Peak Integrated by Software
Q3447-02	BP026044.D	1-Methylnaphthalene	rahul	10/31/2025 2:17:10 PM	Jagrut	10/31/2025 2:24:59 PM	Peak Integrated by Software
Q3447-02	BP026044.D	2,4-Dimethylphenol	rahul	10/31/2025 2:17:10 PM	Jagrut	10/31/2025 2:24:59 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM
SubDirectory	BF102425	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13179,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144055.D	24 Oct 2025 09:45	RC/JU	Ok
2	SSTDICC2.5	BF144056.D	24 Oct 2025 10:13	RC/JU	Ok
3	SSTDICC005	BF144057.D	24 Oct 2025 10:42	RC/JU	Ok
4	SSTDICC010	BF144058.D	24 Oct 2025 11:39	RC/JU	Ok
5	SSTDICC020	BF144059.D	24 Oct 2025 12:36	RC/JU	Ok
6	SSTDICCC040	BF144060.D	24 Oct 2025 13:05	RC/JU	Ok
7	SSTDICC050	BF144061.D	24 Oct 2025 13:34	RC/JU	Ok
8	SSTDICC060	BF144062.D	24 Oct 2025 14:03	RC/JU	Not Ok
9	SSTDICC080	BF144063.D	24 Oct 2025 14:32	RC/JU	Ok
10	SSTDICC060	BF144064.D	24 Oct 2025 16:24	RC/JU	Ok
11	SSTDICV040	BF144065.D	24 Oct 2025 17:22	RC/JU	Ok
12	PB170222BL	BF144066.D	24 Oct 2025 17:51	RC/JU	Ok
13	Q3431-01	BF144067.D	24 Oct 2025 18:20	RC/JU	Ok,M
14	Q3431-01DL	BF144068.D	24 Oct 2025 18:48	RC/JU	Not Ok
15	Q3405-01	BF144069.D	24 Oct 2025 19:17	RC/JU	Ok
16	Q3406-01	BF144070.D	24 Oct 2025 19:46	RC/JU	Ok
17	Q3412-01	BF144071.D	24 Oct 2025 20:15	RC/JU	Dilution
18	Q3445-01	BF144072.D	24 Oct 2025 20:44	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102825

Review By	rahul	Review On	10/28/2025 3:29:21 PM
Supervise By	Jagrut	Supervise On	10/29/2025 3:24:40 PM
SubDirectory	BF102825	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144096.D	28 Oct 2025 12:48	RC/JU	Ok
2	SSTDCCC040	BF144097.D	28 Oct 2025 13:17	RC/JU	Ok
3	PB170267BL	BF144098.D	28 Oct 2025 13:47	RC/JU	Ok
4	PB170267BS	BF144099.D	28 Oct 2025 14:16	RC/JU	Ok,M
5	PB170202TB	BF144100.D	28 Oct 2025 14:46	RC/JU	Not Ok
6	Q3424-01	BF144101.D	28 Oct 2025 15:16	RC/JU	Ok
7	Q3424-02	BF144102.D	28 Oct 2025 15:45	RC/JU	Ok
8	Q3424-03	BF144103.D	28 Oct 2025 16:15	RC/JU	Ok
9	Q3395-01	BF144104.D	28 Oct 2025 16:44	RC/JU	Ok
10	Q3419-04	BF144105.D	28 Oct 2025 17:14	RC/JU	ReRun
11	Q3434-01	BF144106.D	28 Oct 2025 17:44	RC/JU	Ok
12	Q3460-09	BF144107.D	28 Oct 2025 18:14	RC/JU	Ok
13	Q3439-08	BF144108.D	28 Oct 2025 18:44	RC/JU	Ok
14	Q3440-04	BF144109.D	28 Oct 2025 19:13	RC/JU	Ok
15	Q3460-04	BF144110.D	28 Oct 2025 19:43	RC/JU	Ok
16	Q3460-08	BF144111.D	28 Oct 2025 20:13	RC/JU	Ok
17	Q3460-12	BF144112.D	28 Oct 2025 20:43	RC/JU	Ok
18	Q3427-04	BF144113.D	28 Oct 2025 21:12	RC/JU	Ok
19	Q3439-04	BF144114.D	28 Oct 2025 21:42	RC/JU	Ok
20	Q3395-06	BF144115.D	28 Oct 2025 22:11	RC/JU	Ok
21	Q3447-01DL	BF144116.D	28 Oct 2025 22:40	RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102825

Review By	rahul	Review On	10/28/2025 3:29:21 PM
Supervise By	Jagrut	Supervise On	10/29/2025 3:24:40 PM
SubDirectory	BF102825	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3395-05	BF144117.D	28 Oct 2025 23:10	RC/JU	Ok
23	Q3451-08	BF144118.D	28 Oct 2025 23:39	RC/JU	Ok
24	Q3447-06	BF144119.D	29 Oct 2025 00:09	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102925

Review By	rahul	Review On	10/30/2025 8:49:10 AM
Supervise By	Jagrut	Supervise On	10/30/2025 4:42:33 PM
SubDirectory	BF102925	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144120.D	29 Oct 2025 11:00	RC/JU	Ok
2	SSTDCCC040	BF144121.D	29 Oct 2025 11:30	RC/JU	Ok
3	PB170202TB	BF144122.D	29 Oct 2025 12:00	RC/JU	Ok
4	PB170259BL	BF144123.D	29 Oct 2025 12:30	RC/JU	Ok
5	PB170259BS	BF144124.D	29 Oct 2025 13:00	RC/JU	Ok,M
6	Q3460-17	BF144125.D	29 Oct 2025 13:33	RC/JU	Ok,M
7	Q3419-04	BF144126.D	29 Oct 2025 14:03	RC/JU	Ok,M
8	Q3427-04MS	BF144127.D	29 Oct 2025 14:33	RC/JU	Ok,M
9	Q3427-04MSD	BF144128.D	29 Oct 2025 15:02	RC/JU	Ok,M
10	Q3469-01	BF144129.D	29 Oct 2025 15:32	RC/JU	Ok,M
11	Q3469-01MS	BF144130.D	29 Oct 2025 16:02	RC/JU	Ok,M
12	Q3469-01MSD	BF144131.D	29 Oct 2025 16:32	RC/JU	Ok,M
13	Q3434-02	BF144132.D	29 Oct 2025 17:02	RC/JU	Ok
14	Q3480-01	BF144133.D	29 Oct 2025 17:32	RC/JU	Ok
15	Q3476-01	BF144134.D	29 Oct 2025 18:01	RC/JU	Ok
16	Q3466-02	BF144135.D	29 Oct 2025 18:31	RC/JU	Ok,M
17	Q3466-07	BF144136.D	29 Oct 2025 19:01	RC/JU	Not Ok
18	Q3481-01	BF144137.D	29 Oct 2025 19:30	RC/JU	Ok,M
19	Q3472-04	BF144138.D	29 Oct 2025 20:00	RC/JU	Ok
20	Q3472-06	BF144139.D	29 Oct 2025 20:29	RC/JU	Ok
21	Q3472-08	BF144140.D	29 Oct 2025 20:59	RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102925

Review By	rahul	Review On	10/30/2025 8:49:10 AM
Supervise By	Jagrut	Supervise On	10/30/2025 4:42:33 PM
SubDirectory	BF102925	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3472-10	BF144141.D	29 Oct 2025 21:28	RC/JU	Ok,M
23	Q3472-12	BF144142.D	29 Oct 2025 21:57	RC/JU	Ok
24	Q3472-14	BF144143.D	29 Oct 2025 22:27	RC/JU	Dilution

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13179,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102825

Review By	rahul	Review On	10/28/2025 3:29:34 PM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:31 AM
SubDirectory	BG102825	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064599.D	28 Oct 2025 13:05	RC/JU	Ok
2	SSTDCCC040	BG064600.D	28 Oct 2025 13:45	RC/JU	Ok
3	PB170239TB	BG064601.D	28 Oct 2025 14:26	RC/JU	Ok
4	Q3460-16	BG064602.D	28 Oct 2025 15:10	RC/JU	Ok
5	Q3460-20	BG064603.D	28 Oct 2025 15:51	RC/JU	Ok
6	Q3452-04	BG064604.D	28 Oct 2025 16:32	RC/JU	Ok
7	Q3451-04	BG064605.D	28 Oct 2025 17:13	RC/JU	Ok
8	Q3419-05	BG064606.D	28 Oct 2025 17:54	RC/JU	Ok,M
9	Q3427-01	BG064607.D	28 Oct 2025 18:35	RC/JU	Ok,M
10	Q3452-01	BG064608.D	28 Oct 2025 19:16	RC/JU	Ok,M
11	Q3376-05	BG064609.D	28 Oct 2025 19:57	RC/JU	Ok
12	Q3451-05	BG064610.D	28 Oct 2025 20:37	RC/JU	Ok,M
13	Q3460-05	BG064611.D	28 Oct 2025 21:18	RC/JU	Ok
14	Q3460-01	BG064612.D	28 Oct 2025 21:59	RC/JU	Ok,M
15	Q3460-13	BG064613.D	28 Oct 2025 22:39	RC/JU	Ok,M
16	Q3460-17	BG064614.D	28 Oct 2025 23:20	RC/JU	Not Ok
17	Q3457-01	BG064615.D	29 Oct 2025 00:01	RC/JU	Ok,M
18	Q3465-01	BG064616.D	29 Oct 2025 00:41	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM
SubDirectory	BG103125	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064653.D	31 Oct 2025 12:42	RC/JU	Ok
2	SSTDCCC040	BG064654.D	31 Oct 2025 13:24	RC/JU	Ok
3	PB170342BL	BG064655.D	31 Oct 2025 14:04	RC/JU	Ok
4	Q3447-08	BG064656.D	31 Oct 2025 14:50	RC/JU	Ok
5	Q3497-01	BG064657.D	31 Oct 2025 15:31	RC/JU	Ok
6	Q3504-01	BG064658.D	31 Oct 2025 16:12	RC/JU	Ok
7	Q3496-01	BG064659.D	31 Oct 2025 16:54	RC/JU	Ok
8	Q3477-03	BG064660.D	31 Oct 2025 17:35	RC/JU	Ok
9	Q3495-01	BG064661.D	31 Oct 2025 18:16	RC/JU	Ok
10	Q3495-03	BG064662.D	31 Oct 2025 18:57	RC/JU	Ok
11	Q3503-05	BG064663.D	31 Oct 2025 19:38	RC/JU	Ok
12	Q3503-01	BG064664.D	31 Oct 2025 20:19	RC/JU	Ok
13	Q3486-07	BG064665.D	31 Oct 2025 21:00	RC/JU	Ok,M
14	Q3486-03DL	BG064666.D	31 Oct 2025 21:41	RC/JU	Ok,M
15	Q3503-03	BG064667.D	31 Oct 2025 22:22	RC/JU	Ok
16	Q3501-01	BG064668.D	31 Oct 2025 23:04	RC/JU	Ok
17	Q3499-01	BG064669.D	31 Oct 2025 23:45	RC/JU	Ok
18	Q3486-07DL	BG064670.D	1 Nov 2025 00:27	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM
SubDirectory	BP102925	HP Acquire Method	BNA_P
		HP Processing Method	BP102925
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP103025

Review By	rahul	Review On	10/31/2025 2:17:51 PM
Supervise By	Jagrut	Supervise On	10/31/2025 2:25:27 PM
SubDirectory	BP103025	HP Acquire Method	BNA_P
		HP Processing Method	BP102925
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026038.D	30 Oct 2025 10:34	RC/JU	Ok
2	SSTDCCC040	BP026039.D	30 Oct 2025 11:15	RC/JU	Ok,M
3	PB170294BL	BP026040.D	30 Oct 2025 11:56	RC/JU	Ok
4	PB170294BS	BP026041.D	30 Oct 2025 12:36	RC/JU	Ok,M
5	PB170261TB	BP026042.D	30 Oct 2025 13:17	RC/JU	Ok
6	Q3472-14DL	BP026043.D	30 Oct 2025 15:01	RC/JU	Ok
7	Q3447-02	BP026044.D	30 Oct 2025 15:42	RC/JU	Ok,M
8	Q3447-04	BP026045.D	30 Oct 2025 16:23	RC/JU	Ok
9	Q3447-04MS	BP026046.D	30 Oct 2025 17:46	RC/JU	Ok,M
10	Q3447-04MSD	BP026047.D	30 Oct 2025 18:27	RC/JU	Ok,M
11	Q3469-04	BP026048.D	30 Oct 2025 19:08	RC/JU	Ok,M
12	Q3447-08	BP026049.D	30 Oct 2025 19:49	RC/JU	ReRun
13	Q3466-05	BP026050.D	30 Oct 2025 20:30	RC/JU	Ok,M
14	Q3466-07	BP026051.D	30 Oct 2025 21:11	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM
SubDirectory	BF102425	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144055.D	24 Oct 2025 09:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144056.D	24 Oct 2025 10:13		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144057.D	24 Oct 2025 10:42		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF144058.D	24 Oct 2025 11:39		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144059.D	24 Oct 2025 12:36		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144060.D	24 Oct 2025 13:05		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144061.D	24 Oct 2025 13:34		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144062.D	24 Oct 2025 14:03	Not Used	RC/JU	Not Ok
9	SSTDICC080	SSTDICC080	BF144063.D	24 Oct 2025 14:32		RC/JU	Ok
10	SSTDICC060	SSTDICC060	BF144064.D	24 Oct 2025 16:24		RC/JU	Ok
11	SSTDICV040	ICVBF102425	BF144065.D	24 Oct 2025 17:22		RC/JU	Ok
12	PB170222BL	PB170222BL	BF144066.D	24 Oct 2025 17:51		RC/JU	Ok
13	Q3431-01	EO-02-10222025	BF144067.D	24 Oct 2025 18:20		RC/JU	Ok,M
14	Q3431-01DL	EO-02-10222025DL	BF144068.D	24 Oct 2025 18:48	Not Required	RC/JU	Not Ok
15	Q3405-01	PAD-10-20-25-A	BF144069.D	24 Oct 2025 19:17		RC/JU	Ok
16	Q3406-01	ARS20-0037	BF144070.D	24 Oct 2025 19:46		RC/JU	Ok
17	Q3412-01	TP-6	BF144071.D	24 Oct 2025 20:15	Need 5X Dilution	RC/JU	Dilution
18	Q3445-01	EO-01-102325	BF144072.D	24 Oct 2025 20:44		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM		
SubDirectory	BF102425	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME		STD REF.#			
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13179,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102825

Review By	rahul	Review On	10/28/2025 3:29:21 PM
Supervise By	Jagrut	Supervise On	10/29/2025 3:24:40 PM
SubDirectory	BF102825	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144096.D	28 Oct 2025 12:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144097.D	28 Oct 2025 13:17		RC/JU	Ok
3	PB170267BL	PB170267BL	BF144098.D	28 Oct 2025 13:47		RC/JU	Ok
4	PB170267BS	PB170267BS	BF144099.D	28 Oct 2025 14:16		RC/JU	Ok,M
5	PB170202TB	PB170202TB	BF144100.D	28 Oct 2025 14:46	Internal standard fail	RC/JU	Not Ok
6	Q3424-01	PR132-DP3-20251021	BF144101.D	28 Oct 2025 15:16		RC/JU	Ok
7	Q3424-02	PR132-S11-010080-20	BF144102.D	28 Oct 2025 15:45		RC/JU	Ok
8	Q3424-03	PR132-S14-000094-20	BF144103.D	28 Oct 2025 16:15		RC/JU	Ok
9	Q3395-01	PR132-S09-000051-20	BF144104.D	28 Oct 2025 16:44		RC/JU	Ok
10	Q3419-04	PR132-S16-119133-20	BF144105.D	28 Oct 2025 17:14	Hit for pyrene & it is biased high in the CCC.	RC/JU	ReRun
11	Q3434-01	PR132-WC1-20251022	BF144106.D	28 Oct 2025 17:44	Hit for pyrene below CRQL	RC/JU	Ok
12	Q3460-09	WC-3	BF144107.D	28 Oct 2025 18:14		RC/JU	Ok
13	Q3439-08	TP-10	BF144108.D	28 Oct 2025 18:44		RC/JU	Ok
14	Q3440-04	JB-2	BF144109.D	28 Oct 2025 19:13		RC/JU	Ok
15	Q3460-04	WC-1	BF144110.D	28 Oct 2025 19:43		RC/JU	Ok
16	Q3460-08	WC-2	BF144111.D	28 Oct 2025 20:13		RC/JU	Ok
17	Q3460-12	WC-3	BF144112.D	28 Oct 2025 20:43		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102825

Review By	rahul	Review On	10/28/2025 3:29:21 PM		
Supervise By	Jagrut	Supervise On	10/29/2025 3:24:40 PM		
SubDirectory	BF102825	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13180,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q3427-04	TP-8	BF144113.D	28 Oct 2025 21:12		RC/JU	Ok
19	Q3439-04	TP-9	BF144114.D	28 Oct 2025 21:42		RC/JU	Ok
20	Q3395-06	PR132-COMP03-2025	BF144115.D	28 Oct 2025 22:11		RC/JU	Ok
21	Q3447-01DL	P001-TW1-251023-01	BF144116.D	28 Oct 2025 22:40		RC/JU	Ok
22	Q3395-05	PR132-S07-102116-20	BF144117.D	28 Oct 2025 23:10		RC/JU	Ok
23	Q3451-08	TP-12	BF144118.D	28 Oct 2025 23:39		RC/JU	Ok
24	Q3447-06	P001-TW3-251023-01	BF144119.D	29 Oct 2025 00:09		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102925

Review By	rahul	Review On	10/30/2025 8:49:10 AM
Supervise By	Jagrut	Supervise On	10/30/2025 4:42:33 PM
SubDirectory	BF102925	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144120.D	29 Oct 2025 11:00		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144121.D	29 Oct 2025 11:30		RC/JU	Ok
3	PB170202TB	PB170202TB	BF144122.D	29 Oct 2025 12:00		RC/JU	Ok
4	PB170259BL	PB170259BL	BF144123.D	29 Oct 2025 12:30		RC/JU	Ok
5	PB170259BS	PB170259BS	BF144124.D	29 Oct 2025 13:00		RC/JU	Ok,M
6	Q3460-17	WC-5	BF144125.D	29 Oct 2025 13:33		RC/JU	Ok,M
7	Q3419-04	PR132-S16-119133-20	BF144126.D	29 Oct 2025 14:03		RC/JU	Ok,M
8	Q3427-04MS	TP-8MS	BF144127.D	29 Oct 2025 14:33		RC/JU	Ok,M
9	Q3427-04MSD	TP-8MSD	BF144128.D	29 Oct 2025 15:02		RC/JU	Ok,M
10	Q3469-01	TP-13	BF144129.D	29 Oct 2025 15:32		RC/JU	Ok,M
11	Q3469-01MS	TP-13MS	BF144130.D	29 Oct 2025 16:02		RC/JU	Ok,M
12	Q3469-01MSD	TP-13MSD	BF144131.D	29 Oct 2025 16:32		RC/JU	Ok,M
13	Q3434-02	PR132-WC2-20251022	BF144132.D	29 Oct 2025 17:02		RC/JU	Ok
14	Q3480-01	RT3449	BF144133.D	29 Oct 2025 17:32		RC/JU	Ok
15	Q3476-01	NB-07-102825	BF144134.D	29 Oct 2025 18:01		RC/JU	Ok
16	Q3466-02	B8-0.0-1.0-20251023	BF144135.D	29 Oct 2025 18:31		RC/JU	Ok,M
17	Q3466-07	B7-1.0-2.0-20251023	BF144136.D	29 Oct 2025 19:01	Need straight Run	RC/JU	Not Ok
18	Q3481-01	OR-02-102825	BF144137.D	29 Oct 2025 19:30		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102925

Review By	rahul	Review On	10/30/2025 8:49:10 AM		
Supervise By	Jagrut	Supervise On	10/30/2025 4:42:33 PM		
SubDirectory	BF102925	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13180,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3472-04	COMP-1	BF144138.D	29 Oct 2025 20:00		RC/JU	Ok
20	Q3472-06	COMP-2	BF144139.D	29 Oct 2025 20:29	Internal standard fail	RC/JU	Ok
21	Q3472-08	COMP-3	BF144140.D	29 Oct 2025 20:59	Internal standard fail	RC/JU	Ok
22	Q3472-10	COMP-4	BF144141.D	29 Oct 2025 21:28	Surrogate Fail,	RC/JU	Ok,M
23	Q3472-12	COMP-5	BF144142.D	29 Oct 2025 21:57		RC/JU	Ok
24	Q3472-14	155	BF144143.D	29 Oct 2025 22:27	need further 10X	RC/JU	Dilution

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM
SubDirectory	BG102425	HP Acquire Method	BNA_G
		HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102825

Review By	rahul	Review On	10/28/2025 3:29:34 PM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:31 AM
SubDirectory	BG102825	HP Acquire Method	BNA_G
		HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064599.D	28 Oct 2025 13:05		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064600.D	28 Oct 2025 13:45		RC/JU	Ok
3	PB170239TB	PB170239TB	BG064601.D	28 Oct 2025 14:26		RC/JU	Ok
4	Q3460-16	WC-4	BG064602.D	28 Oct 2025 15:10		RC/JU	Ok
5	Q3460-20	WC-5	BG064603.D	28 Oct 2025 15:51		RC/JU	Ok
6	Q3452-04	JB-1	BG064604.D	28 Oct 2025 16:32		RC/JU	Ok
7	Q3451-04	TP-11	BG064605.D	28 Oct 2025 17:13		RC/JU	Ok
8	Q3419-05	PR132-S16-094119-20	BG064606.D	28 Oct 2025 17:54		RC/JU	Ok,M
9	Q3427-01	TP-8	BG064607.D	28 Oct 2025 18:35		RC/JU	Ok,M
10	Q3452-01	JB-1	BG064608.D	28 Oct 2025 19:16		RC/JU	Ok,M
11	Q3376-05	PR132-S12-020047-20	BG064609.D	28 Oct 2025 19:57		RC/JU	Ok
12	Q3451-05	TP-12	BG064610.D	28 Oct 2025 20:37		RC/JU	Ok,M
13	Q3460-05	WC-2	BG064611.D	28 Oct 2025 21:18		RC/JU	Ok
14	Q3460-01	WC-1	BG064612.D	28 Oct 2025 21:59		RC/JU	Ok,M
15	Q3460-13	WC-4	BG064613.D	28 Oct 2025 22:39		RC/JU	Ok,M
16	Q3460-17	WC-5	BG064614.D	28 Oct 2025 23:20	Need Straight Run	RC/JU	Not Ok
17	Q3457-01	TR-05-102425	BG064615.D	29 Oct 2025 00:01		RC/JU	Ok,M
18	Q3465-01	SU-03-10242025	BG064616.D	29 Oct 2025 00:41		RC/JU	Ok

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102825

Review By	rahul	Review On	10/28/2025 3:29:34 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:31 AM		
SubDirectory	BG102825	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13180,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM
SubDirectory	BG103125	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064653.D	31 Oct 2025 12:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064654.D	31 Oct 2025 13:24		RC/JU	Ok
3	PB170342BL	PB170342BL	BG064655.D	31 Oct 2025 14:04		RC/JU	Ok
4	Q3447-08	P001-TW4-251023-01	BG064656.D	31 Oct 2025 14:50		RC/JU	Ok
5	Q3497-01	OK-01-103025	BG064657.D	31 Oct 2025 15:31		RC/JU	Ok
6	Q3504-01	72-11986	BG064658.D	31 Oct 2025 16:12		RC/JU	Ok
7	Q3496-01	DRILL-CUTTINGS	BG064659.D	31 Oct 2025 16:54		RC/JU	Ok
8	Q3477-03	SOUTH-MAHWAH-WA	BG064660.D	31 Oct 2025 17:35		RC/JU	Ok
9	Q3495-01	SB-1025-1	BG064661.D	31 Oct 2025 18:16		RC/JU	Ok
10	Q3495-03	TW-1025-1	BG064662.D	31 Oct 2025 18:57		RC/JU	Ok
11	Q3503-05	324	BG064663.D	31 Oct 2025 19:38		RC/JU	Ok
12	Q3503-01	322	BG064664.D	31 Oct 2025 20:19		RC/JU	Ok
13	Q3486-07	TP6	BG064665.D	31 Oct 2025 21:00		RC/JU	Ok,M
14	Q3486-03DL	TP4DL	BG064666.D	31 Oct 2025 21:41		RC/JU	Ok,M
15	Q3503-03	323	BG064667.D	31 Oct 2025 22:22		RC/JU	Ok
16	Q3501-01	461	BG064668.D	31 Oct 2025 23:04		RC/JU	Ok
17	Q3499-01	RBR251235	BG064669.D	31 Oct 2025 23:45		RC/JU	Ok
18	Q3486-07DL	TP6DL	BG064670.D	1 Nov 2025 00:27	Not Required	RC/JU	Not Ok

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13181,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM
SubDirectory	BP102925	HP Acquire Method	BNA_P
		HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP103025

Review By	rahul	Review On	10/31/2025 2:17:51 PM
Supervise By	Jagrut	Supervise On	10/31/2025 2:25:27 PM
SubDirectory	BP103025	HP Acquire Method	BNA_P
		HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026038.D	30 Oct 2025 10:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026039.D	30 Oct 2025 11:15		RC/JU	Ok,M
3	PB170294BL	PB170294BL	BP026040.D	30 Oct 2025 11:56		RC/JU	Ok
4	PB170294BS	PB170294BS	BP026041.D	30 Oct 2025 12:36		RC/JU	Ok,M
5	PB170261TB	PB170261TB	BP026042.D	30 Oct 2025 13:17		RC/JU	Ok
6	Q3472-14DL	155DL	BP026043.D	30 Oct 2025 15:01		RC/JU	Ok
7	Q3447-02	P001-TW1-251023-01	BP026044.D	30 Oct 2025 15:42		RC/JU	Ok,M
8	Q3447-04	P001-TW2-251023-01	BP026045.D	30 Oct 2025 16:23		RC/JU	Ok
9	Q3447-04MS	P001-TW2-251023-01M	BP026046.D	30 Oct 2025 17:46		RC/JU	Ok,M
10	Q3447-04MSD	P001-TW2-251023-01M	BP026047.D	30 Oct 2025 18:27		RC/JU	Ok,M
11	Q3469-04	TP-13	BP026048.D	30 Oct 2025 19:08		RC/JU	Ok,M
12	Q3447-08	P001-TW4-251023-01	BP026049.D	30 Oct 2025 19:49	Surrogate Fail;Internal Standard Fail	RC/JU	ReRun
13	Q3466-05	B9-0.0-1.0-20251023	BP026050.D	30 Oct 2025 20:30		RC/JU	Ok,M
14	Q3466-07	B7-1.0-2.0-20251023	BP026051.D	30 Oct 2025 21:11		RC/JU	Ok

M : Manual Integration

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40718710

Start Prep Date : 10/23/2025 Time : 15:30

End Prep Date : 10/24/2025 Time : 08:35

Combination Ratio : 20

ZHE Cleaning Batch : N/A 70

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 80

Supervisor By : 12

Standardized Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q3452-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/27/25 10:00	80 / eq room	S/S. 25 1E+1-
	Preparation Group	Analysis Group

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170239TB	LEB239	20	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3439-04	TP-9	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q3439-08	TP-10	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3440-04	JB-2	03	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3446-01	SB-14	04	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-02	SB-15	05	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3446-03	SB-16	06	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-04	SB-17	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-05	SB-18	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3446-06	SB-19	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-07	SB-20	10	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-08	SB-21	11	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q3447-02	P001-TW1-251023-01	12	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q3447-04	P001-TW2-251023-01	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q3447-06	P001-TW3-251023-01	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3447-08	P001-TW4-251023-01	15	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3449-06	CF-620-COMP-41	16	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3451-04	TP-11	17	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3451-08	TP-12	18	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q3452-04	JB-1	19	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170239TB	LEB239	N/A	N/A	N/A	N/A	N/A	N/A
Q3439-04	TP-9	N/A	N/A	N/A	N/A	100	N/A
Q3439-08	TP-10	N/A	N/A	N/A	N/A	100	N/A
Q3440-04	JB-2	N/A	N/A	N/A	N/A	100	N/A
Q3446-01	SB-14	N/A	N/A	N/A	N/A	100	N/A
Q3446-02	SB-15	N/A	N/A	N/A	N/A	100	N/A
Q3446-03	SB-16	N/A	N/A	N/A	N/A	100	N/A
Q3446-04	SB-17	N/A	N/A	N/A	N/A	100	N/A
Q3446-05	SB-18	N/A	N/A	N/A	N/A	100	N/A
Q3446-06	SB-19	N/A	N/A	N/A	N/A	100	N/A
Q3446-07	SB-20	N/A	N/A	N/A	N/A	100	N/A
Q3446-08	SB-21	N/A	N/A	N/A	N/A	100	N/A
Q3447-02	P001-TW1-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-04	P001-TW2-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-06	P001-TW3-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-08	P001-TW4-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3449-06	CF-620-COMP-41	N/A	N/A	N/A	N/A	100	N/A
Q3451-04	TP-11	N/A	N/A	N/A	N/A	100	N/A
Q3451-08	TP-12	N/A	N/A	N/A	N/A	100	N/A
Q3452-04	JB-1	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170239TB	LEB239	N/A	N/A	N/A	N/A	#1	4.94
Q3439-04	TP-9	5.01	96.5	7.6	2.5	#1	4.94
Q3439-08	TP-10	5.02	96.5	7.0	2.5	#1	4.94
Q3440-04	JB-2	5.03	96.5	7.6	2.5	#1	4.94
Q3446-01	SB-14	5.02	96.5	5.5	1.5	#1	4.94
Q3446-02	SB-15	5.03	96.5	5.6	1.5	#1	4.94
Q3446-03	SB-16	5.02	96.5	5.6	2.0	#1	4.94
Q3446-04	SB-17	5.03	96.5	5.5	1.5	#1	4.94
Q3446-05	SB-18	5.02	96.5	5.6	1.5	#1	4.94
Q3446-06	SB-19	5.01	96.5	5.5	2.0	#1	4.94
Q3446-07	SB-20	5.02	96.5	5.6	1.5	#1	4.94
Q3446-08	SB-21	5.03	96.5	5.5	2.0	#1	4.94
Q3447-02	P001-TW1-251023-01	5.04	96.5	7.6	2.5	#1	4.94
Q3447-04	P001-TW2-251023-01	5.03	96.5	7.4	2.5	#1	4.94
Q3447-06	P001-TW3-251023-01	5.02	96.5	6.0	2.0	#1	4.94
Q3447-08	P001-TW4-251023-01	5.01	96.5	5.5	1.5	#1	4.94
Q3449-06	CF-620-COMP-41	5.02	96.5	6.2	2.0	#1	4.94
Q3451-04	TP-11	5.02	96.5	5.8	1.5	#1	4.94
Q3451-08	TP-12	5.01	96.5	7.6	2.5	#1	4.94
Q3452-04	JB-1	5.02	96.5	8.0	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3452 WorkList ID : 192673 Department : TCLP Extraction Date : 10-24-2025 10:54:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3439-04	TP-9	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/22/2025	1311
Q3439-08	TP-10	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/23/2025	1311
Q3440-04	JB-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/22/2025	1311
Q3446-01	SB-14	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-02	SB-15	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-03	SB-16	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-04	SB-17	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-05	SB-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-06	SB-19	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-07	SB-20	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-08	SB-21	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3447-02	P001-TW1-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3447-04	P001-TW2-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3447-06	P001-TW3-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3447-08	P001-TW4-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3449-06	CF-620-COMP-41	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	10/23/2025	1311
Q3451-04	TP-11	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3451-08	TP-12	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3452-04	JB-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/24/2025	1311

Date/Time 10/24/25 11:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 10/24/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 10/27/2025

Extraction Start Time : 10:10

Extraction End Date : 10/27/2025

Extraction End Time : 15:10

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2652
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/27/25	RS (Ext Lab)	JYI/SVOC
15:15	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 10/27/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170202TB	PB170202TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB170239TB	PB170239TB	TCLP BNA	100	6	RUPESH	ritesh	1			2
PB170267BL	PB170267BL	TCLP BNA	1000	6	RUPESH	ritesh	1			3
PB170267BS	PB170267BS	TCLP BNA	1000	6	RUPESH	ritesh	1			4
Q3427-04	TP-8	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q3427-04MS	TP-8MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q3427-04MS D	TP-8MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q3439-04	TP-9	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q3439-08	TP-10	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q3440-04	JB-2	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
Q3447-02	P001-TW1-251023-01	TCLP BNA	100	6	RUPESH	ritesh	1	A		11
Q3447-04	P001-TW2-251023-01	TCLP BNA	100	6	RUPESH	ritesh	1	A		12
Q3447-06	P001-TW3-251023-01	TCLP BNA	100	6	RUPESH	ritesh	1	A		13
Q3447-08	P001-TW4-251023-01	TCLP BNA	100	6	RUPESH	ritesh	1	A		14
Q3449-06	CF-620-COMP-41	TCLP BNA	100	6	RUPESH	ritesh	1	A		15
Q3451-04	TP-11	TCLP BNA	100	6	RUPESH	ritesh	1	A		16
Q3451-08	TP-12	TCLP BNA	100	6	RUPESH	ritesh	1	A		17
Q3452-04	JB-1	TCLP BNA	100	6	RUPESH	ritesh	1	A		18

* Extracts relinquished on the same date as received.

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170239TB	LEB239	20	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3439-04	TP-9	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q3439-08	TP-10	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3440-04	JB-2	03	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3446-01	SB-14	04	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-02	SB-15	05	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3446-03	SB-16	06	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-04	SB-17	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-05	SB-18	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3446-06	SB-19	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-07	SB-20	10	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-08	SB-21	11	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q3447-02	P001-TW1-251023-01	12	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q3447-04	P001-TW2-251023-01	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q3447-06	P001-TW3-251023-01	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3447-08	P001-TW4-251023-01	15	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3449-06	CF-620-COMP-41	16	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3451-04	TP-11	17	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3451-08	TP-12	18	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q3452-04	JB-1	19	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2

10/27/25
70:00

Prep Standard - Chemical Standard Summary

Order ID : Q3447

Test : TCLP BNA

Prepbatch ID : PB170267,

Sequence ID/Qc Batch ID: BF102725,BF102825,BF102925,BG102825,BG103125,BP103025,

Standard ID :

EP2609,EP2610,EP2652,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6866,SP6871,SP6872,SP6875,

Chemical ID :

10ul/1000ul

sample,E3657,E3875,E3932,E3954,E3965,E3973,E3980,M6157,S11073,S11484,S11652,S11807,S11808,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12739,S12776,S12903,S12904,S12905,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13180,S13181,S13207,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,W3112,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1874	10 N SODIUM HYDROXIDE SOLN	EP2609	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SC ALE_2	None	Riteshkumar Patel

(EX-SC-2)

FROM 1000.00000ml of W3112 + 400.00000gram of E3657 = Final Quantity: 1000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SC ALE_2	None	Riteshkumar Patel

(EX-SC-2)

FROM 1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/10/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6856	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.04000ml of S13207 + 0.20000ml of S12197 + 0.30000ml of S12306 + 0.40000ml of S12220 + 0.50000ml of S11807 + 0.50000ml of S12245 + 0.50000ml of S12776 + 0.50000ml of S13214 + 0.50000ml of S13233 + 0.70000ml of S12307 + 1.00000ml of S12739 + 4.86000ml of E3954 = Final Quantity: 10.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4216	80ng ICC	SP6857	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.20000ml of E3954 + 0.80000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4217	60ng ICC	SP6858	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.40000ml of E3954 + 0.60000ml of SP6856 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4218	50ng ICC	SP6859	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4220	20ng ICC	SP6861	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.80000ml of E3954 + 0.20000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4221	10ng ICC	SP6862	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.75000ml of E3954 + 0.25000ml of SP6860 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4222	5ng ICC	SP6863	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.87500ml of E3954 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4223	2.5ng ICC	SP6864	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6863 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
171	8270/625 Spike Solution, 50/100 PPM	SP6865	08/25/2025	10/30/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								08/26/2025

FROM 0.40000ml of S11484 + 0.40000ml of S11652 + 0.40000ml of S12552 + 0.40000ml of S13149 + 0.40000ml of S13160 + 0.40000ml of S13207 + 0.90000ml of S12507 + 0.90000ml of S13089 + 1.10000ml of S13120 + 1.20000ml of S12553 + 1.20000ml of S12554 + 1.20000ml of S12555 + 1.20000ml of S12556 + 1.20000ml of S12557 + 1.20000ml of S12558 + 1.20000ml of S12559 + 1.20000ml of S13269 + 1.30000ml of S11808 + 1.30000ml of S12508 + 1.30000ml of S13090 + 1.30000ml of S13091 + 1.30000ml of S13092 + 1.30000ml of S13093 + 1.30000ml of S13094 + 1.30000ml of S13095 + 1.30000ml of S13096 + 1.30000ml of S13118 + 1.30000ml of S13119 + 1.30000ml of S13239 + 1.30000ml of S13240 + 1.30000ml of S13241 + 1.30000ml of S13242 + 1.30000ml of S13243 + 1.30000ml of S13244 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6869	09/10/2025	01/02/2026	Jagrut Upadhyay	None	None	Rahul Chavli
								09/16/2025

FROM 3.00000ml of S12197 + 3.00000ml of S12220 + 5.60000ml of S12221 + 5.60000ml of S12903 + 5.80000ml of S12904 + 6.00000ml of S12199 + 6.00000ml of S12200 + 965.00000ml of E3965 = Final Quantity: 1000.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
18	Second Source Calibration Stock Standard, 100 PPM, (8270/825/CLP)	SP6871	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel 09/27/2025
FROM 0.04000ml of S12201 + 0.08000ml of S12905 + 0.10000ml of S11073 + 0.20000ml of S12560 + 0.20000ml of S13097 + 0.20000ml of S13244 + 1.18000ml of E3973 = Final Quantity: 2.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
416	40 ng BNA ICV, 40 PPM	SP6872	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel 09/27/2025
FROM 0.01000ml of S13175 + 0.60000ml of E3973 + 0.40000ml of SP6871 = Final Quantity: 1.010 ml								

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3895	50 ug/ml DFTPP 8270E	SP6875	09/30/2025	03/30/2026	Rahul Chavli	None	None	Jagrut Upadhyay
FROM 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml								

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-5 / Sodium Hydroxide Pellets 2.5 Kg, Pk of 4	23B1556310	12/31/2025	12/04/2023 / Rajesh	12/01/2023 / Rajesh	E3657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3965

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0187043	11/16/2025	05/16/2025 / Jagrut	02/06/2023 / Christian	S11073

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/30/2026	07/30/2025 / Rahul	11/09/2023 / Yogesh	S11652

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	02/25/2026	08/25/2025 / Jagrut	11/21/2023 / rahul	S11808

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12199

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/22/2026	09/22/2025 / Jagrut	03/15/2024 / Rahul	S12201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12221

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	12/16/2025	06/16/2025 / Jagrut	05/14/2024 / Rahul	S12245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12307

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12508

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12553

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12554

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12555

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12556

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12557

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12558

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12559

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	03/22/2026	09/22/2025 / Jagrut	07/23/2024 / RAHUL	S12560

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH ₂ Cl ₂ , 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/12/2026	08/12/2025 / Jagrut	10/08/2024 / anahy	S12739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12903

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/22/2026	09/22/2025 / Jagrut	12/09/2024 / anahy	S12905

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13090

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13091

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13092

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13093

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13094

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13096

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	09/03/2025 / Jagrut	05/20/2025 / Rahul	S13097

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13118

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13119

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13120

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	02/25/2026	08/25/2025 / Jagrut	11/13/2023 / Rahul	S13149

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	02/25/2026	08/25/2025 / Jagrut	06/04/2025 / Rahul	S13160

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	03/15/2026	09/15/2025 / rahul	06/02/2025 / anahy	S13175

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	03/31/2031	/	06/02/2025 / anahy	S13180

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	03/31/2031	/	06/02/2025 / anahy	S13181

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	02/12/2026	08/12/2025 / Jagrut	06/11/2025 / anahy	S13207

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	02/12/2026	08/12/2025 / Jagrut	07/10/2025 / anahy	S13214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul,	A0228192	02/12/2026	08/12/2025 / Jagrut	08/01/2025 / Rahul	S13233

Chromatographic,
CS-347186

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13239

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13240

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13241

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13242

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13243

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13244

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0228494	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13269

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received on
02/08/23

b1

CG

S 11071

to

S 11075

Catalog No. : 31853 Lot No.: A0187043
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : July 31, 2027 Storage: 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	1,4-Dioxane CAS # 123-91-1 Purity 99% (Lot SHBN5929)	2,019.0 µg/mL	+/- 11.8486 µg/mL Gravimetric +/- 43.2570 µg/mL Unstressed +/- 44.5129 µg/mL Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

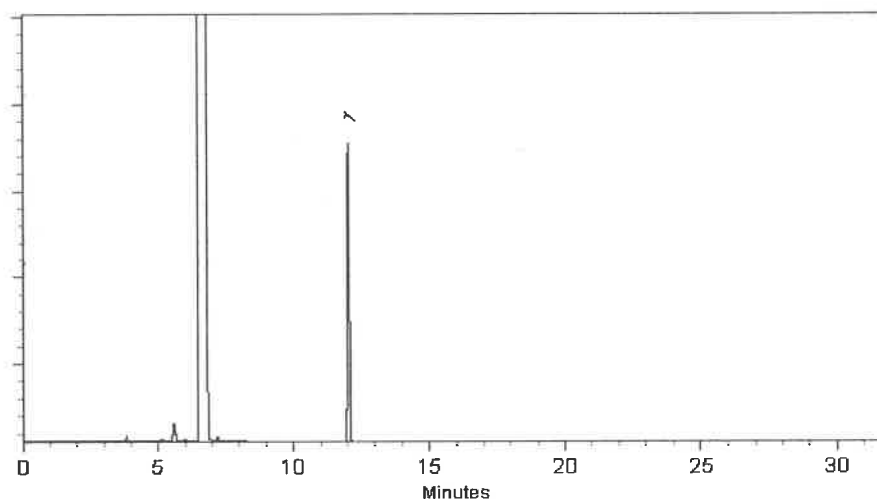
200°C

Det. Temp:

250°C

Det. Type:

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022

Balance: 1128360905

Marlina Cowan - Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantorsm



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Rec on 8/20/25

E3965

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700



Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

Pellets

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	$\leq 0.005 \%$	$< 0.005 \%$	PASS
Chloride	$\leq 0.005 \%$	0.002 %	PASS
Heavy Metals	$\leq 0.002 \%$	$< 0.002 \%$	PASS
Iron	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Magnesium	$\leq 0.002 \%$	$< 0.002 \%$	PASS
Mercury	$\leq 0.1 \text{ ppm}$	$< 0.1 \text{ ppm}$	PASS
Nickel	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Nitrogen Compounds	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Phosphate	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Potassium	$\leq 0.02 \%$	$< 0.02 \%$	PASS
Purity	$\geq 97.0 \%$	99.2 %	PASS
Sodium Carbonate	$\leq 1.0 \%$	0.5 %	PASS
Sulfate	$\leq 0.003 \%$	$< 0.003 \%$	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

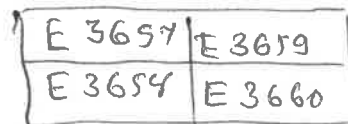
This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.





**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

RS

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date: 2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	2
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8 \%$	99.9 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titration Acid (μeq/g)	≤ 0.3	<0.1
Chloride (Cl)	≤ 10 ppm	<5 ppm
Water (by KF, coulometric)	$\leq 0.02 \%$	<0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS
7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	<0.1
Chloride (Cl)	≤ 10 ppm	<5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	<0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

REC. on 10/10/25
RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™



MG157
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H ₂ SO ₄)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO ₂)	<= 2 ppm	<2 ppm
Ammonium (NH ₄)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO ₃)	<= 0.2 ppm	0.1 ppm
Phosphate (PO ₄)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

 **avantor**™



Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 1.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	1.1 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 1.0 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak
Director Quality Operations, Bioscience Production



110 Benner Circle
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard
Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

51148h
↓
511493
Y.P.
08/10/28

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckal - Mix Technician

Date Mixed: 02-Aug-2023

Balance: 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ μ ECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649
↓
511658
Y.P.
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11795
↓
S11808 } RC / 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

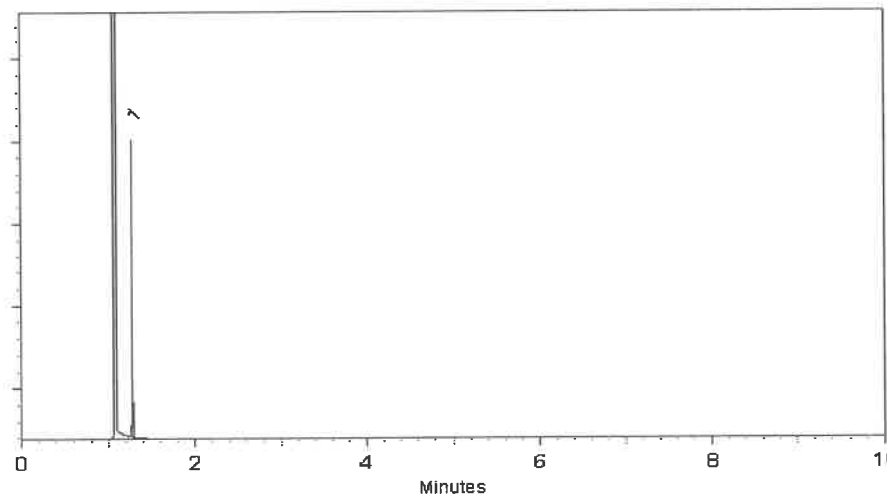
FID

Split Vent:

100 mL/min.

Inj. Vol

1µL



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206
Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓
512206 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

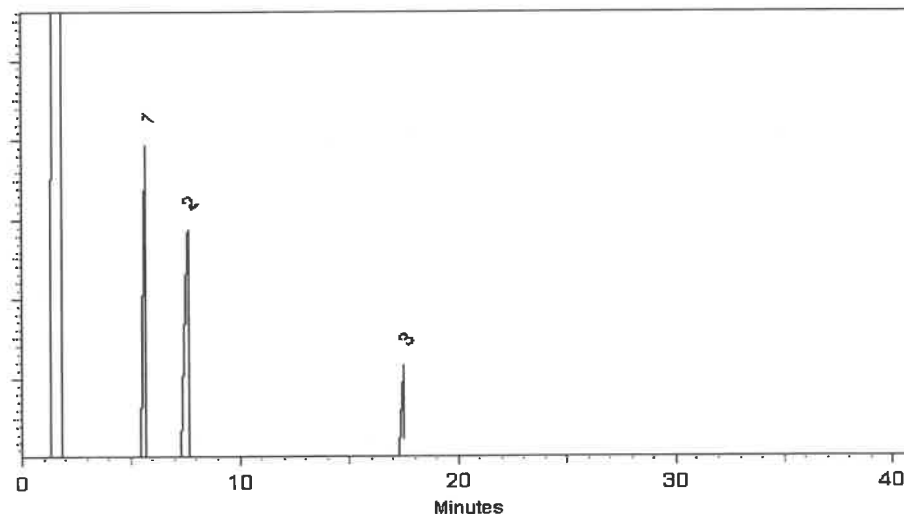
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope S. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : December 31, 2029 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

S12207 } RC/
↓
S12221 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-S (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

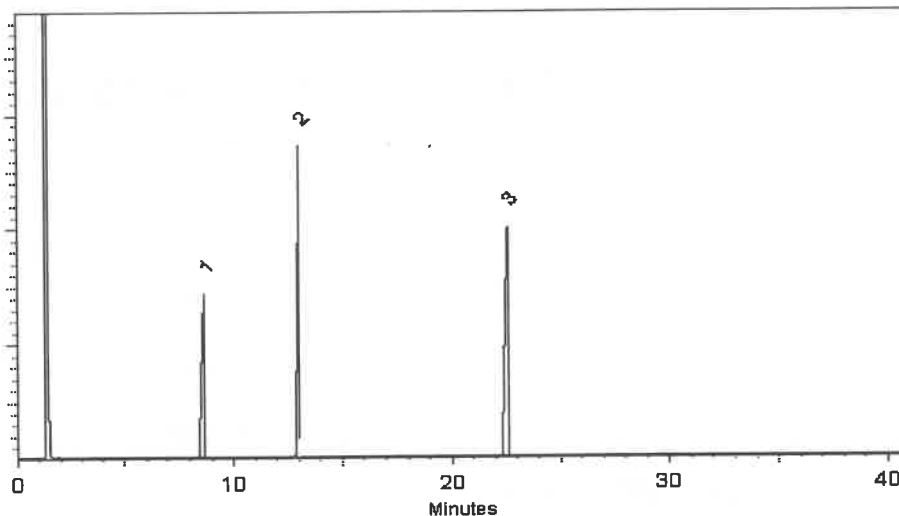
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30409 **Lot No.:** A0206650
Description : Pyridine Standard
Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2027 **Storage:** 0°C or colder
Ship: Ambient

512242 } RC/
↓
512254 } 5/15/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	2,020.0 µg/mL	+/- 33.0924

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

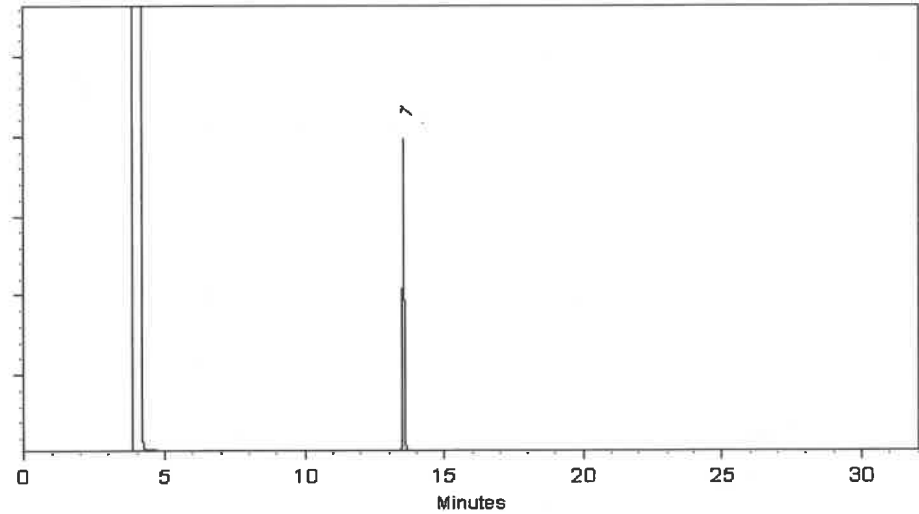
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 16-Jan-2024

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard
Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

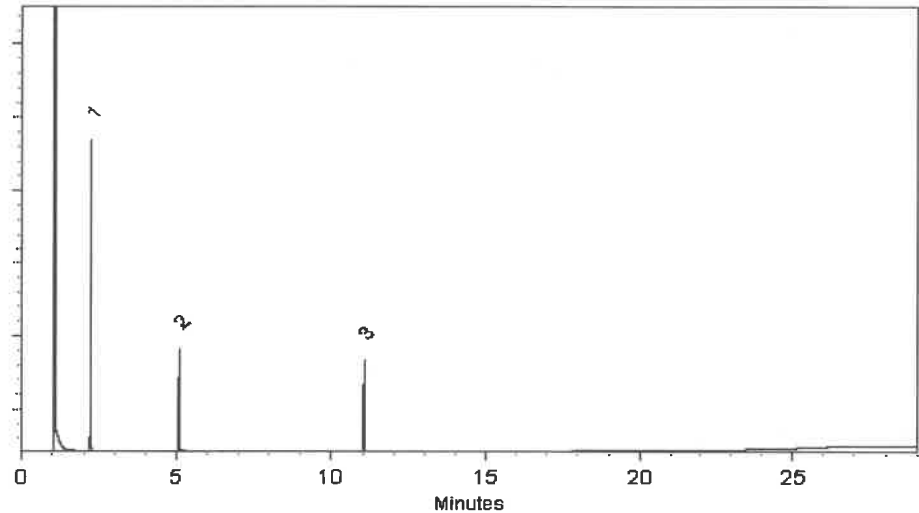
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
↓
S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024

Balance: 1128353505

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0212955
Description : GC/MS Tuning Mixture
GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : June 30, 2027 **Storage:** 10°C or colder
Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 } RC
↓
S12579 } 8/2/24

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

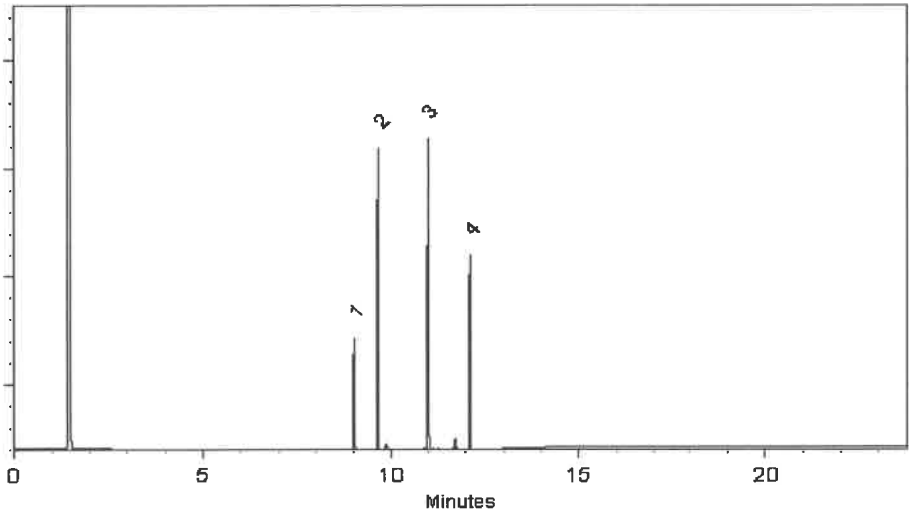
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

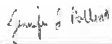
Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024 Balance Serial # 1128353505


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix
OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12736 } AC
↓
S12754 } 10/9/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/-	19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/-	19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/-	19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/-	19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/-	19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/-	19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/-	19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/-	19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/-	19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/-	19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/-	18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/-	19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/-	19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/-	19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/-	19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/-	19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/-	19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/-	18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/-	19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/-	19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/-	19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/-	19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/-	19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/-	19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/-	19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/-	19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/-	19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/-	19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/-	19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/-	19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/-	19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/-	19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/-	19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/-	19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/-	19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/- 19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/- 19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/- 19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/- 19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/- 19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/- 19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/- 19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/- 19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/- 19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/- 19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/- 19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/- 19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/- 19.1863

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.



CERTIFIED WEIGHT REPORT

Part Number: **90494**
Lot Number: **061323**
Description: **1-Methylnaphthalene**

Solvent(s): **Lot#**
Methylene chloride **C21F09CAS0000DCM**

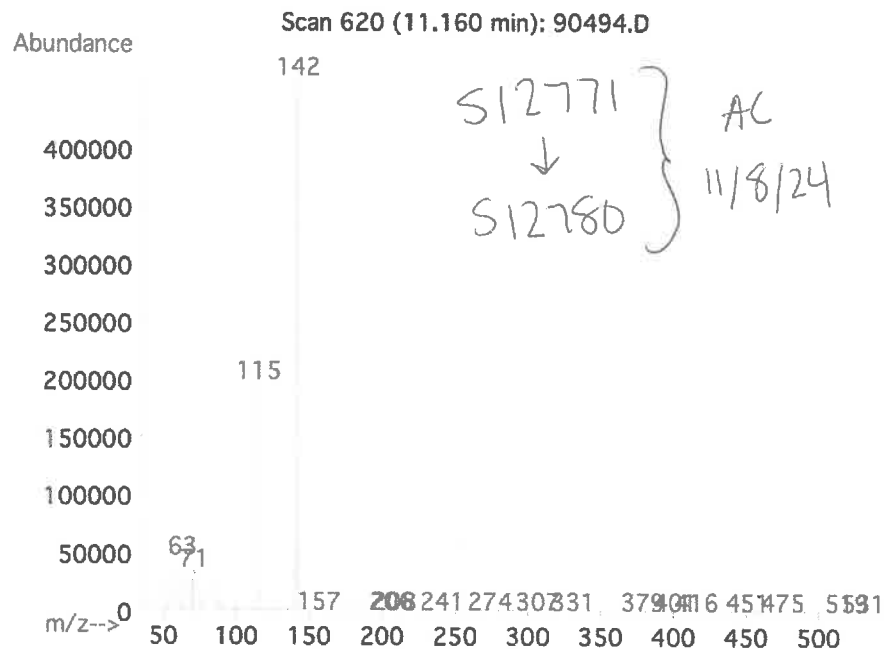
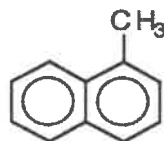
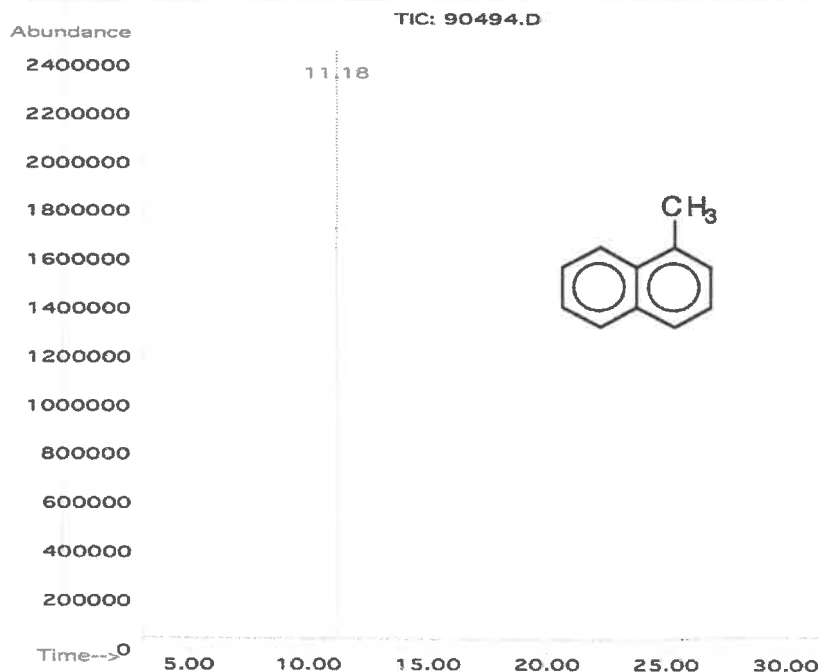
Expiration Date: **061328**
Recommended Storage: **Refrigerate (4 °C)**
Nominal Concentration (µg/mL): **2000**
NIST Test ID#: **6UTB**

Weight(s) shown below were combined and diluted to (mL): **100.0**
5E-05 Balance Uncertainty
0.031 Flask Uncertainty

<i>Prashant Chauhan</i>		061323
Formulated By:	Prashant Chauhan	DATE
<i>Pedro L. Rentas</i>		061323
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)		
										CAS#	OSHA PEL (TWA)	LD50
1. 1-Methylnaphthalene	313	04413BX	2000	98	0.2	0.20417	0.20430	2001.2	8.3	90-12-0	N/A	ori-rat 1840mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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chromatographic plus



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

513088 }
↓
513117 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

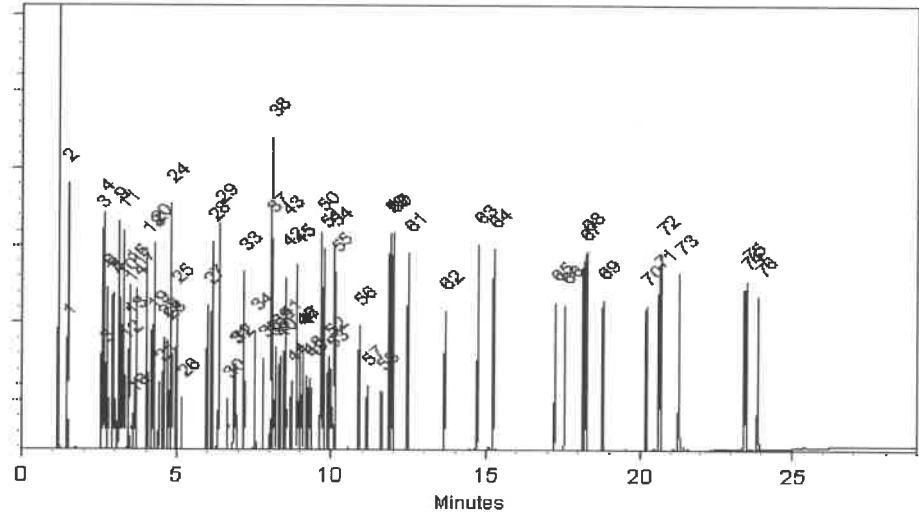
FID

Split Vent:

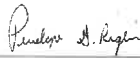
100 ml/min.

Inj. Vol

1µl

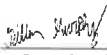


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2029 **Storage:** 0°C or colder
Ship: Ambient

513118 } RC/
↓
513147 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

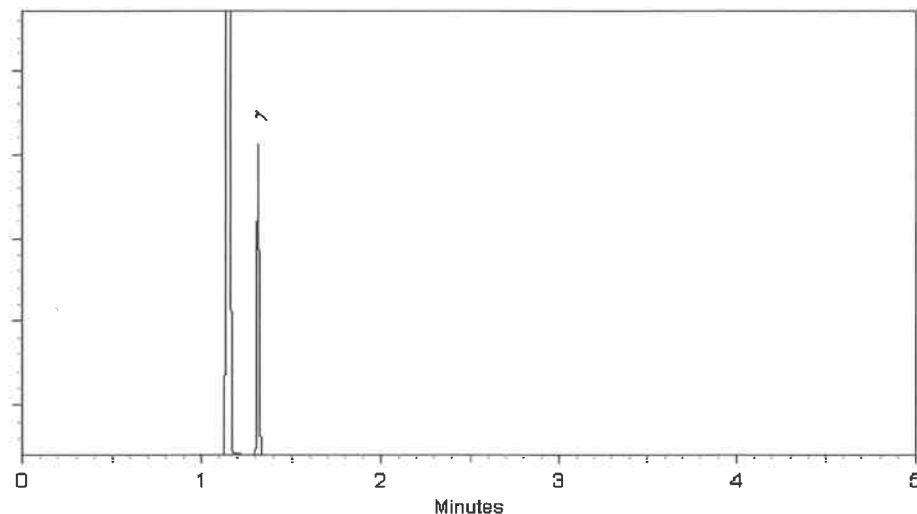
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024

Balance Serial # 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard
Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder
Ship: Ambient

513158 } RC/
↓
513167 } 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025

Balance: C322230531

REVIEWED
By: [Signature] Murphy at 11:21 am, Jan 05, 2025

Manufactured under Restek's ISO 9001:2015
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Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard
Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

S13198
↓
S13207 } AC
6/11/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 09-Jun-2025

Balance: 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31879 **Lot No.:** A0221395

Description : Benzoic Acid Mix
Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

S13214 } AC
↓
S13218 } 7/10/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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chromatographic



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 582978

Lot No.: A0228192

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2028

Storage: 0°C or colder

Ship: Ambient

513229 } RC/
↓
513238 } 8/1/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

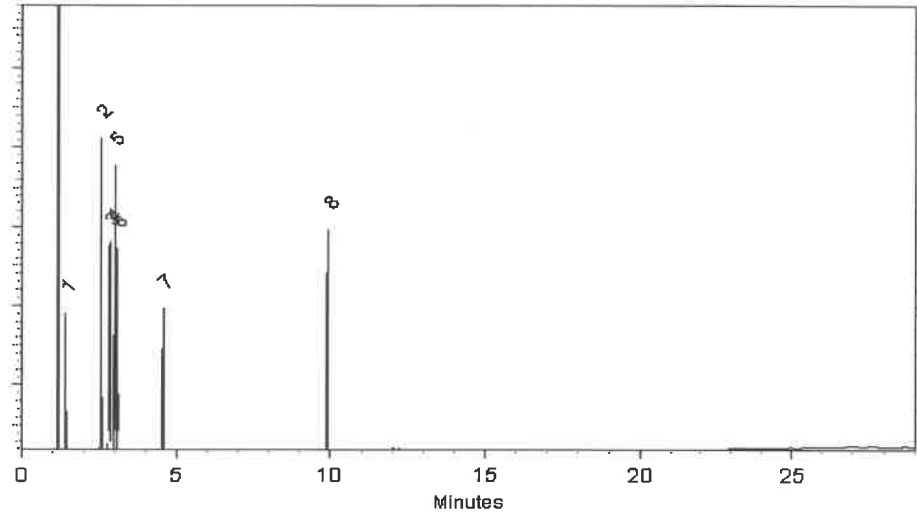
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres
Wilner Torres - Operation Tech I

Date Mixed: 27-Jul-2025

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Jul-2025

REVIEWED
By: [Signature] Murphy at 10:51 pm, Jul 30, 2025

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Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓
S13268 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%


Tom Sucka - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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gravimetric



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0228494

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : August 31, 2027

Storage: 10°C or colder

Ship: Ambient

513269 } RC1
↓
513298 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.0 µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0 µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0 µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0 µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0 µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 04-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702
Description : Custom Hexachlorocyclopentadiene Standard
Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : September 30, 2026 **Storage:** 10°C or colder
Ship: Ambient

513148
↓
513157
RC
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023

Balance: B707717271

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



SHIPPING DOCUMENTS

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Q3447

USEPA

CHAIN OF CUSTODY RECORD

No: 2-102325-0004-0037-1

DateShipped: 10/23/2025

Site #: 02FP

RFP #905

CarrierName: Hand Deliver

Contact Name Josh Frizzell

Lab: Alliance Technical Group, LLC - Non
CLP

AirbillNo: N/A

(470) 277-4600

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW1-251023-01	Waste		A	TAL VOCs		10/23/2025	10:00	4	5 gram Encore/4 oz glass	4 C	N
	P001-TW1-251023-01	Waste		B	TAL SVOCs		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		C	TAL PCBs		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		D	TAL Pesticides		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		F	TCLP VOC		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		J	TCLP Herbicide		10/23/2025	10:00	1	8 oz glass	4 C	N

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuznetsova	10/23/25 1330		10/23/25 1330	IF-Gen #1 2.1-c

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non
CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW2-251023-01	Waste		A	TAL VOCs		10/23/2025	10:30	4	5 gram Encore/4 oz glass	4 C	N
	P001-TW2-251023-01	Waste		B	TAL SVOCs		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		C	TAL PCBs		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		D	TAL Pesticides		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		F	TCLP VOC		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		J	TCLP Herbicide		10/23/2025	10:30	1	8 oz glass	4 C	N

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS.** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuznitskaya	10/23/25 13:30	CF	10/23/25 13:30	If Con #1 2.1

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

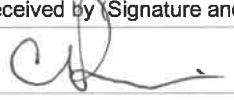
Lab: Alliance Technical Group, LLC - Non
CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW3-251023-01	Waste		A	TAL VOCs		10/23/2025	11:00	1	4 oz glass w/septum	4 C	N
	P001-TW3-251023-01	Waste		B	TAL SVOCs		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		C	TAL PCBs		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		D	TAL Pesticides		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		F	TCLP VOC		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		J	TCLP Herbicide		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		A	TAL VOCs		10/23/2025	11:30	1	4 oz glass w/septum	4 C	N

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Oleg Kuzmitskanz	10/23/25 1330		10/23/25 1330	21 Cont 1 2.1 -1

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

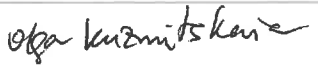
Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW4-251023-01	Waste		B	TAL SVOCs		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		C	TAL PCBs		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		D	TAL Pesticides		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		F	TCLP VOC		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		J	TCLP Herbicide		10/23/2025	11:30	1	8 oz glass	4 C	N
 10-23-2025												

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS.** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyzed		10/23/25 1330		10/23/25 1330	IF Cont # 12.1

Precautionary Measures Against Hidden Hazards in Laboratory Samples

Notice to Laboratory Personnel

Background

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) of 1980, as amended, Section 311 of the Clean Water Act (CWA), as amended, by the Oil Pollution Act of 1990, Subtitle I of the Resource Conservation and Recovery Act (RCRA), an pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and Presidential Decision Document (PDD) #39, the Environmental Protection Agency (EPA) has been delegated the responsibility to undertake response actions with respect to, as a general matter, the release or threat of release of oil, petroleum products, hazardous substances, or pollutants and contaminants, that pose an actual or potential threat to human health or welfare, or to the environment. EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to the public health or the environment on the National Priorities List (NPL).

EPA's successful implementation of these emergency response action responsibilities requires that technical support capabilities be provided in the form of a contracted Superfund Technical Assessment & Response Team (START) for EPA. The WESTON START Contract 68HE0319D0004, provides this support to EPA Region II.

Hazardous Communication

The Samples which accompany this notice were shipped to your laboratory for analysis in accordance with applicable D.O.T. or IATA Regulations and were collected by the WESTON START and tentatively designated by the field response team, as either environmental or hazardous material samples.

In general, *Environmental Samples* are collected from streams, farm ponds, small lakes, wells, and off-site soil locations that are not reasonably expected to be contaminated with hazardous materials. Samples of on-site soils or water, and materials collected from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites are considered *Hazardous Samples*. Samples which are obtained from a known radioactive material contamination site or which demonstrate beta or gamma activity greater than three times average background as scanned with a radiation survey meter are considered *Radioactive Samples*.

The samples which accompany this notice were tentatively classified by the field response team as:

___ Environmental ☒ Hazardous ___ Comb (Envir. & Haz) ___ Radioactive

The field team which collected the samples used the following Level(s) of personal protection as designated by EPA and OSHA conventions to provide protection against possible radiological or chemical exposure:

___ Level A ___ Level B ___ Level C ☒ Level D

This information is intended for use as a guide for the safe handling of these laboratory samples in accordance with EPA and OSHA regulations. The Sample classification(s) and Levels of personal protection used by the WESTON START are not represented to be, nor are they adequate or applicable in all situations, nor are they intended to serve as substitutes for professional/personal judgement.

Laboratory Name: Alliance RFP No. 905

Prepared by: Josh Frizzell Date 10-23-2025

WESTON Office: Region II START, Edison, New Jersey, Phone: 732-585-4400

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3447	ROYF02	Order Date : 10/23/2025 1:50:00 PM	Project Mgr :
Client Name : Weston Solutions, Inc.		Project Name : RFP 905	Report Type : Level 4
Client Contact : Smita Sumbaly		Receive DateTime : 10/23/2025 1:30:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Weston Solutions, Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Smita Sumbaly			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3447-01	P001-TW1-251023-01	Solid	10/23/2025	10:00	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3447-03	P001-TW2-251023-01	Solid	10/23/2025	10:30 10:00	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3447-05	P001-TW3-251023-01	Solid	10/23/2025	11:00 10:00	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3447-07	P001-TW4-251023-01	Solid	10/23/2025	11:30 10:00	VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By : cl

Date / Time : 10/23/25 1437

Received By : AK

Date / Time : 10/23/25 1437

Storage Area : VOA Refridgerator Room