

**DATA PACKAGE
SEMI-VOLATILE ORGANICS**

PROJECT NAME : CON ED UTEN MOUNT VERNON, NY

**CDM SMITH
110 Fieldcrest Ave
Raritan Center
Edison, NJ - 08837
Phone No: 732-225-7000**

**ORDER ID : Q2230
ATTENTION : Marcie Ann Encinas**



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2230

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number

Q2230-01
Q2230-02
Q2230-03
Q2230-04
Q2230-05
Q2230-06

Client Sample Number

FB-060425
GW-MW01-060425
GW-MW01-060425MS
GW-MW01-060425MSD
GW-MW901-060425
TB060425

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:00 pm, Jul 03, 2025

Date: 6/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

CDM Smith

Project Name: Con Ed UTEN Mount Vernon, NY

Project # N/A

Order ID # Q2230

Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:

6 Water samples were received on 06/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3 and VOCMS Group3. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:

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-GG. The analysis of SVOCMS Group3 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

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

The Project has been revised due to Benzo(b)fluoranthene compound added in SVOCMS Group3 parameter list.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. 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 _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:00 pm, Jul 03, 2025

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: Q2230

MATRIX: Water

METHOD: 8270E/3510

	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 Initial Calibration met the requirements .			
The Continuous Calibration met the requirements .			
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.			
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 samples .			
9. Internal Standard Area/Retention Time Shift Meet Criteria			✓
Comments:			
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:

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

NA NO YES

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The Project has been revised due to Benzo(b)fluoranthene compound added in SVOCMS Group3 parameter list.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:01 pm, Jul 03, 2025

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2230

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: MOHAMMAD AHMED

Date: 07/3/2025

LAB CHRONICLE

OrderID:	Q2230	OrderDate:	6/4/2025 4:40:00 PM
Client:	CDM Smith	Project:	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	Location:	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2230-01	FB-060425	Water	SVOCMS Group3	8270E	06/04/25	06/06/25	06/09/25	06/04/25
Q2230-02	GW-MW01-060425	Water	SVOCMS Group3	8270E	06/04/25	06/06/25	06/09/25	06/04/25
Q2230-05	GW-MW901-060425	Water	SVOCMS Group3	8270E	06/04/25	06/06/25	06/09/25	06/04/25



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

Hit Summary Sheet SW-846

SDG No.: Q2230

Client: CDM Smith

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GW-MW01-060425						
Q2230-02	GW-MW01-060425	WATER	Naphthalene	2.200	J 0.55	5.5	ug/L
			Total Svoc :		2.20		
			Total Concentration:		2.20		



QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2230

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168323BL	PB168323BL	Nitrobenzene-d5	100	85.2	85		67	132
		2-Fluorobiphenyl	100	84.3	84		52	132
		Terphenyl-d14	100	90.1	90		42	152
PB168323BS	PB168323BS	Nitrobenzene-d5	100	79.4	79		67	132
		2-Fluorobiphenyl	100	77.9	78		52	132
		Terphenyl-d14	100	79.2	79		42	152
Q2230-01	FB-060425	Nitrobenzene-d5	100	91.2	91		67	132
		2-Fluorobiphenyl	100	85.1	85		52	132
		Terphenyl-d14	100	86.2	86		42	152
Q2230-02	GW-MW01-060425	Nitrobenzene-d5	100	93.0	93		67	132
		2-Fluorobiphenyl	100	85.9	86		52	132
		Terphenyl-d14	100	78.5	79		42	152
Q2230-03MS	GW-MW01-060425MS	Nitrobenzene-d5	100	90.5	91		67	132
		2-Fluorobiphenyl	100	85.6	86		52	132
		Terphenyl-d14	100	80.4	80		42	152
Q2230-04MSD	GW-MW01-060425MSD	Nitrobenzene-d5	100	88.0	88		67	132
		2-Fluorobiphenyl	100	85.9	86		52	132
		Terphenyl-d14	100	89.3	89		42	152
Q2230-05	GW-MW901-060425	Nitrobenzene-d5	100	85.9	86		67	132
		2-Fluorobiphenyl	100	81.4	81		52	132
		Terphenyl-d14	100	82.1	82		42	152

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2230

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP024879.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2230-03MS		Client Sample ID: GW-MW01-060425MS									
Naphthalene	52.1	2.20	42.7	ug/L	78				17	157	
Acenaphthylene	52.1	0	50.7	ug/L	97				40	141	
Acenaphthene	52.1	0	52.1	ug/L	100				37	146	
Fluorene	52.1	0	53.8	ug/L	103				39	144	
Phenanthrene	52.1	0	53.7	ug/L	103				40	147	
Anthracene	52.1	0	53.8	ug/L	103				41	146	
Fluoranthene	52.1	0	57.7	ug/L	111				42	146	
Pyrene	52.1	0	51.4	ug/L	99				41	149	
Benzo(a)anthracene	52.1	0	54.6	ug/L	105				41	147	
Chrysene	52.1	0	53.4	ug/L	102				44	144	
Benzo(b)fluoranthene	52.1	0	56.2	ug/L	108				40	150	
Benzo(k)fluoranthene	52.1	0	53.1	ug/L	102				40	147	
Benzo(a)pyrene	52.1	0	54.1	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	52.1	0	56.3	ug/L	108				30	166	
Dibenz(a,h)anthracene	52.1	0	57.5	ug/L	110				23	172	
Benzo(g,h,i)perylene	52.1	0	56.4	ug/L	108				27	167	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2230

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP024880.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2230-04MSD		Client Sample ID: GW-MW01-060425MSD									
Naphthalene	53.2	2.20	42.1	ug/L	75	4			17	157	20
Acenaphthylene	53.2	0	51.1	ug/L	96	1			40	141	20
Acenaphthene	53.2	0	52.7	ug/L	99	1			37	146	20
Fluorene	53.2	0	53.9	ug/L	101	2			39	144	20
Phenanthrene	53.2	0	53.6	ug/L	101	2			40	147	20
Anthracene	53.2	0	53.0	ug/L	100	3			41	146	20
Fluoranthene	53.2	0	54.9	ug/L	103	7			42	146	20
Pyrene	53.2	0	56.8	ug/L	107	8			41	149	20
Benzo(a)anthracene	53.2	0	55.1	ug/L	104	1			41	147	20
Chrysene	53.2	0	54.7	ug/L	103	1			44	144	20
Benzo(b)fluoranthene	53.2	0	56.0	ug/L	105	3			40	150	20
Benzo(k)fluoranthene	53.2	0	55.1	ug/L	104	2			40	147	20
Benzo(a)pyrene	53.2	0	54.8	ug/L	103	1			42	147	20
Indeno(1,2,3-cd)pyrene	53.2	0	55.3	ug/L	104	4			30	166	20
Dibenz(a,h)anthracene	53.2	0	55.8	ug/L	105	5			23	172	20
Benzo(g,h,i)perylene	53.2	0	54.4	ug/L	102	6			27	167	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q2230</u>	Analytical Method: <u>8270E</u>
Client: <u>CDM Smith</u>	DataFile: <u>BP024873.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB168323BS	Naphthalene	50	45.3	ug/L	91				64	107	
	Acenaphthylene	50	45.5	ug/L	91				79	103	
	Acenaphthene	50	45.2	ug/L	90				59	113	
	Fluorene	50	44.7	ug/L	89				64	107	
	Phenanthrene	50	45.8	ug/L	92				62	109	
	Anthracene	50	46.0	ug/L	92				65	110	
	Fluoranthene	50	45.9	ug/L	92				64	110	
	Pyrene	50	46.2	ug/L	92				71	103	
	Benzo(a)anthracene	50	46.6	ug/L	93				62	107	
	Chrysene	50	46.4	ug/L	93				61	108	
	Benzo(b)fluoranthene	50	47.3	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	47.5	ug/L	95				77	105	
	Benzo(a)pyrene	50	47.7	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	47.6	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	47.6	ug/L	95				75	118	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2230

SAS No.: Q2230 SDG NO.: Q2230

Lab File ID: BP024872.D

Lab Sample ID: PB168323BL

Instrument ID: BNA_P

Date Extracted: 06/06/2025

Matrix: (soil/water) Water

Date Analyzed: 06/09/2025

Level: (low/med) LOW

Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168323BS	PB168323BS	BP024873.D	06/09/2025
FB-060425	Q2230-01	BP024876.D	06/09/2025
GW-MW01-060425	Q2230-02	BP024877.D	06/09/2025
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025
GW-MW901-060425	Q2230-05	BP024881.D	06/09/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: CAMP02Lab Code: CHEMSAS No.: Q2230SDG NO.: Q2230Lab File ID: BP024859.DDFTPP Injection Date: 06/06/2025Instrument ID: BNA_PDFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
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
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (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	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: CAMP02Lab Code: CHEMSAS No.: Q2230SDG NO.: Q2230Lab File ID: BP024870.DDFTPP Injection Date: 06/09/2025Instrument ID: BNA_PDFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	75.5
443	15.0 - 24.0% of mass 442	14.5 (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
SSTDCCC040	SSTDCCC040	BP024871.D	06/09/2025	10:44
PB168323BL	PB168323BL	BP024872.D	06/09/2025	11:24
PB168323BS	PB168323BS	BP024873.D	06/09/2025	12:05
FB-060425	Q2230-01	BP024876.D	06/09/2025	14:12
GW-MW01-060425	Q2230-02	BP024877.D	06/09/2025	14:52
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025	16:14
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025	16:55
GW-MW901-060425	Q2230-05	BP024881.D	06/09/2025	17:35

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2230 SAS No.: Q2230 SDG NO.: Q2230

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

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	255229	7.608	1115940	10.38	722087	14.24
UPPER LIMIT	510458	8.108	2231880	10.878	1444170	14.742
LOWER LIMIT	127615	7.108	557970	9.878	361044	13.742
EPA SAMPLE NO.						
01 PB168323BL	278652	7.61	1083870	10.38	655689	14.25
02 PB168323BS	251786	7.61	1016040	10.38	628283	14.25
03 FB-060425	249050	7.61	993192	10.38	627635	14.25
04 GW-MW01-060425	193111	7.61	768427	10.37	479578	14.24
05 GW-MW01-060425MS	226271	7.61	937705	10.37	608220	14.25
06 GW-MW01-060425MSD	335961	7.61	1346860	10.38	841053	14.25
07 GW-MW901-060425	269752	7.61	1068630	10.37	664052	14.25

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: CHEMTECH

Lab Code: CHEM Case No.: Q2230 SAS No.: Q2230 SDG NO.: Q2230

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

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	1406330	17.048	1456980	21.477	1778910	24.724
UPPER LIMIT	2812660	17.548	2913960	21.977	3557820	25.224
LOWER LIMIT	703165	16.548	728490	20.977	889455	24.224
EPA SAMPLE NO.						
01 PB168323BL	1268480	17.07	1277130	21.49	1472670	24.73
02 PB168323BS	1189380	17.06	1268870	21.48	1547950	24.72
03 FB-060425	1279520	17.06	1631190	21.48	2005170	24.73
04 GW-MW01-060425	943300	17.04	1244700	21.47	1717480	24.71
05 GW-MW01-060425MS	1235200	17.04	1490400	21.47	1839740	24.71
06 GW-MW01-060425MSD	1657670	17.04	1681540	21.48	1927040	24.73
07 GW-MW901-060425	1331030	17.05	1566440	21.48	1838040	24.72

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:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	FB-060425	SDG No.:	Q2230
Lab Sample ID:	Q2230-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	880 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024876.D	1	06/06/25 08:35	06/09/25 14:12	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.70	U	0.57	5.70	ug/L
208-96-8	Acenaphthylene	5.70	U	0.85	5.70	ug/L
83-32-9	Acenaphthene	5.70	U	0.63	5.70	ug/L
86-73-7	Fluorene	5.70	U	0.72	5.70	ug/L
85-01-8	Phenanthrene	5.70	U	0.57	5.70	ug/L
120-12-7	Anthracene	5.70	U	0.69	5.70	ug/L
206-44-0	Fluoranthene	5.70	U	0.93	5.70	ug/L
129-00-0	Pyrene	5.70	U	0.57	5.70	ug/L
56-55-3	Benzo(a)anthracene	5.70	U	0.51	5.70	ug/L
218-01-9	Chrysene	5.70	U	0.50	5.70	ug/L
205-99-2	Benzo(b)fluoranthene	5.70	U	0.56	5.70	ug/L
207-08-9	Benzo(k)fluoranthene	5.70	U	0.55	5.70	ug/L
50-32-8	Benzo(a)pyrene	5.70	U	0.63	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.70	U	0.67	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.70	U	0.76	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	5.70	U	0.78	5.70	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	91.2		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.1		52 - 132	85%	SPK: 100
1718-51-0	Terphenyl-d14	86.2		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	249000		7.608		
1146-65-2	Naphthalene-d8	993000		10.378		
15067-26-2	Acenaphthene-d10	628000		14.248		
1517-22-2	Phenanthrene-d10	1280000		17.06		
1719-03-5	Chrysene-d12	1630000		21.477		
1520-96-3	Perylene-d12	2010000		24.73		

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	FB-060425	SDG No.:	Q2230
Lab Sample ID:	Q2230-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	880	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024876.D	1	06/06/25 08:35	06/09/25 14:12	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
Data File : BP024876.D
Acq On : 09 Jun 2025 14:12
Operator : RC/JU
Sample : Q2230-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-060425

Quant Time: Jun 09 14:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	249050	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	993192	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	627635	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1279517	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1631185	20.000	ng	0.00
86) Perylene-d12	24.730	264	2005166	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1057554	70.880	ng	0.00
7) Phenol-d6	6.813	99	834666	42.281	ng	0.00
23) Nitrobenzene-d5	8.755	82	1864297	91.213	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1399332	161.262	ng	-0.01
45) 2-Fluorobiphenyl	12.848	172	3963034	85.060	ng	-0.01
79) Terphenyl-d14	19.789	244	7843217	86.177	ng	0.00

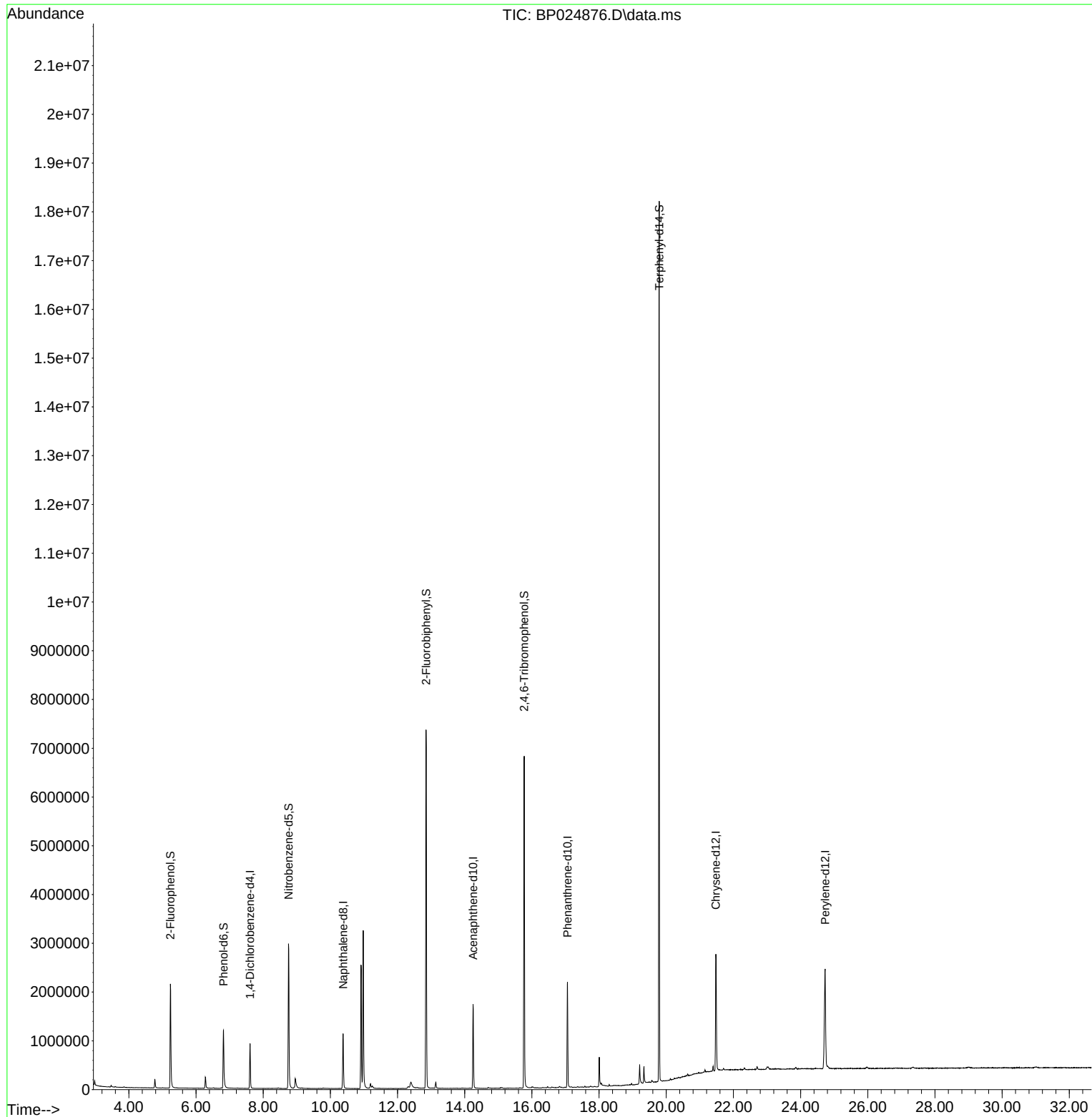
Target Compounds	Qvalue

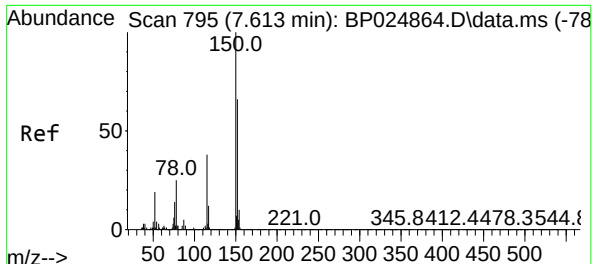
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024876.D
Acq On : 09 Jun 2025 14:12
Operator : RC/JU
Sample : Q2230-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-060425

Quant Time: Jun 09 14:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

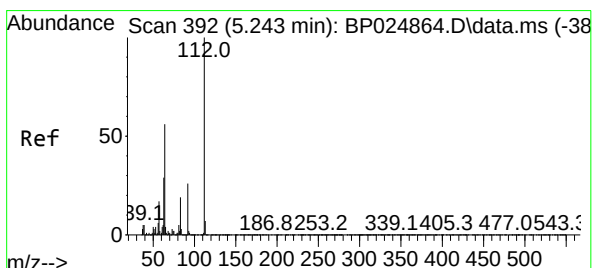
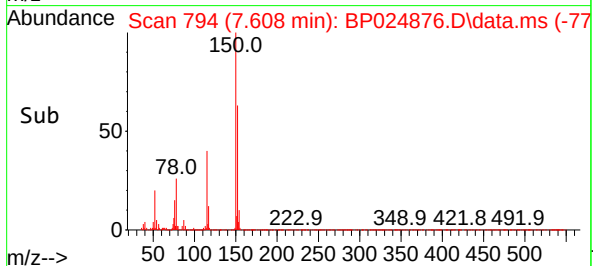
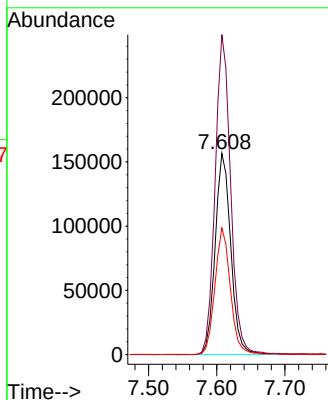
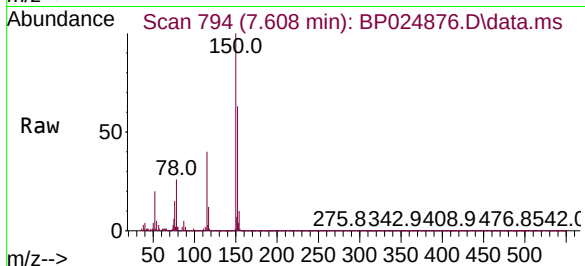




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

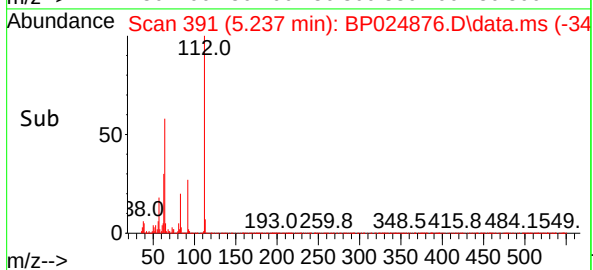
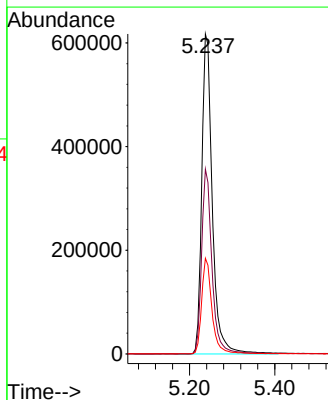
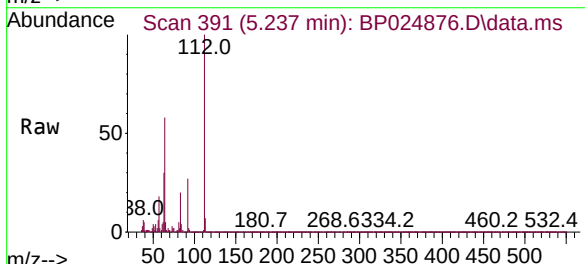
Instrument :
BNA_P
ClientSampleId :
FB-060425

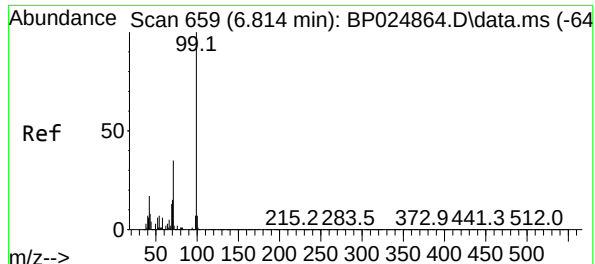
Tgt Ion:152 Resp: 249050
Ion Ratio Lower Upper
152 100
150 159.1 122.1 183.1
115 63.0 46.4 69.6



#5
2-Fluorophenol
Concen: 70.880 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:112 Resp: 1057554
Ion Ratio Lower Upper
112 100
64 57.7 44.7 67.1
63 29.9 23.5 35.3

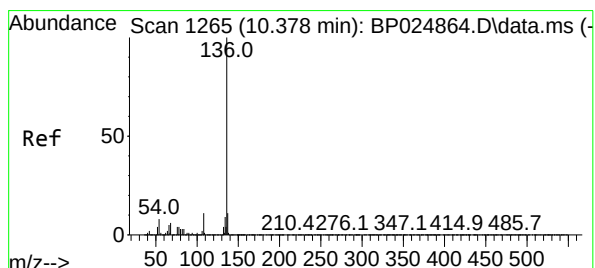
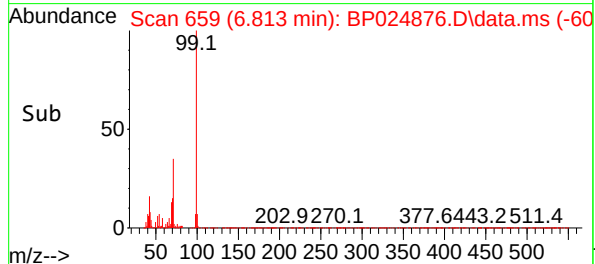
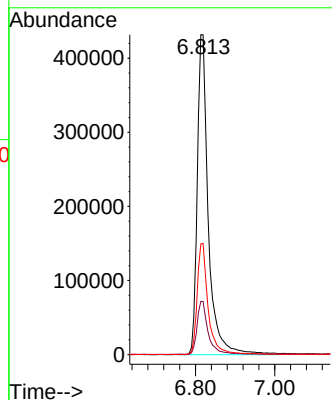
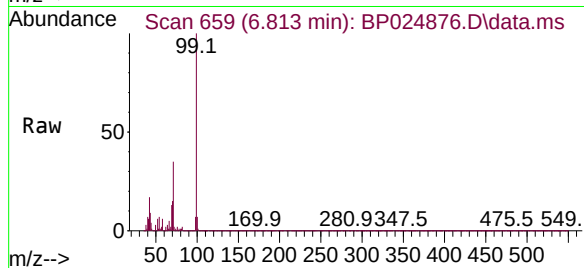




#7
Phenol-d6
Concen: 42.281 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

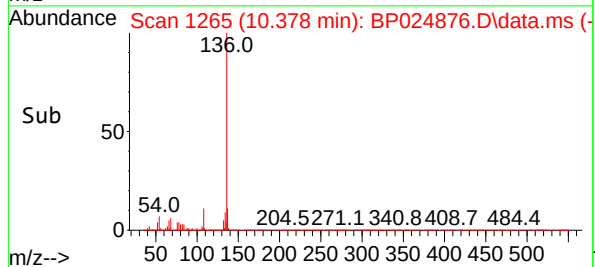
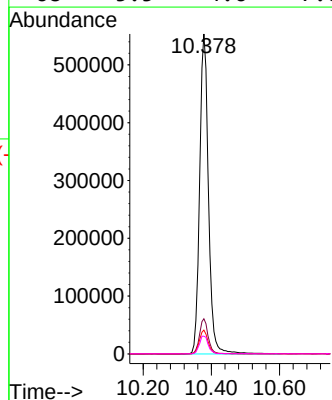
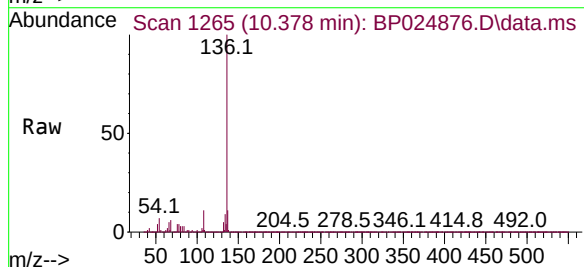
Instrument :
BNA_P
ClientSampleId :
FB-060425

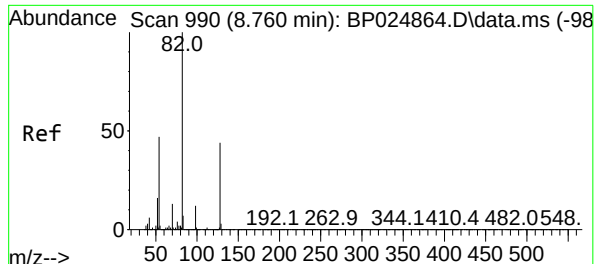
Tgt Ion: 99 Resp: 834666
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion: 136 Resp: 993192
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.1 9.1
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 91.213 ng

RT: 8.755 min Scan# 989

Delta R.T. -0.006 min

Lab File: BP024876.D

Acq: 09 Jun 2025 14:12

Instrument :

BNA_P

ClientSampleId :

FB-060425

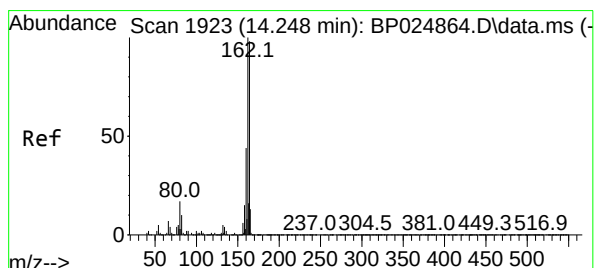
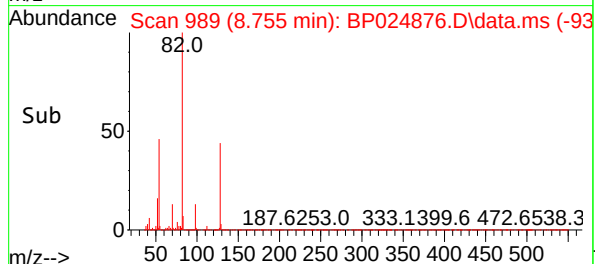
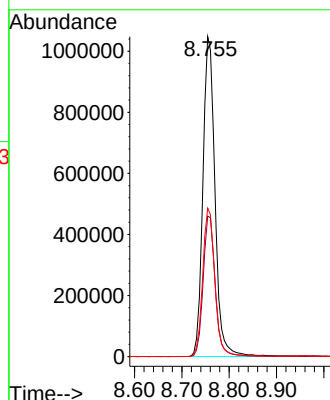
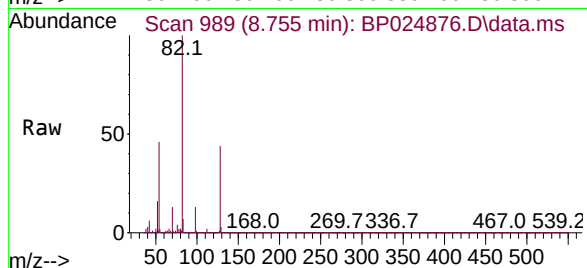
Tgt Ion: 82 Resp: 1864297

Ion Ratio Lower Upper

82 100

128 43.9 35.3 52.9

54 46.4 37.4 56.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024876.D

Acq: 09 Jun 2025 14:12

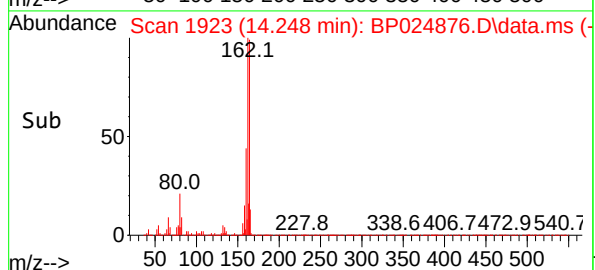
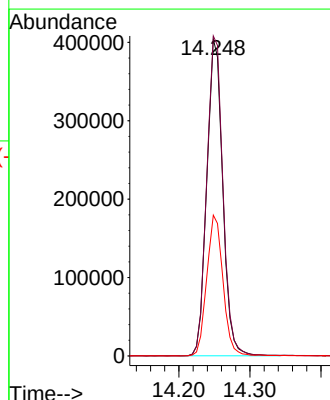
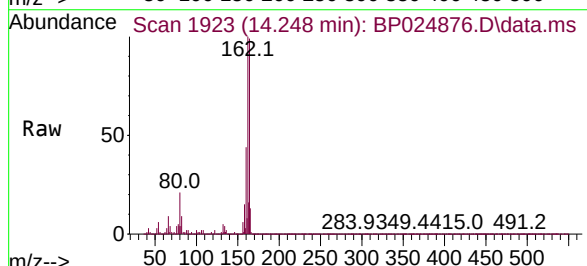
Tgt Ion: 164 Resp: 627635

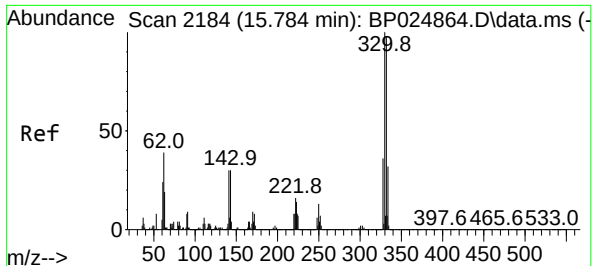
Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 44.4 36.2 54.2

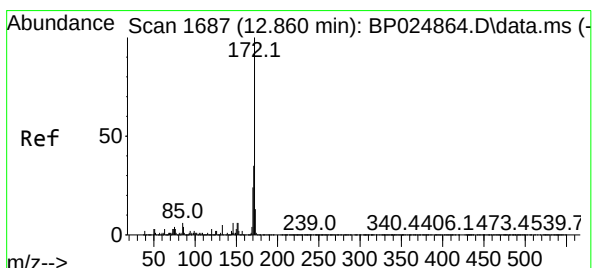
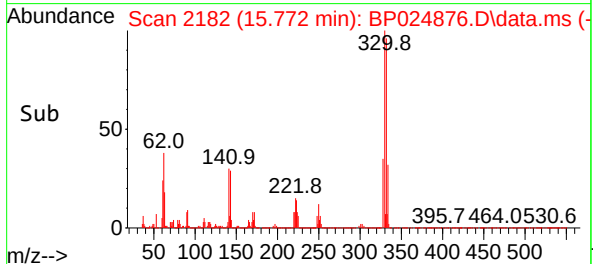
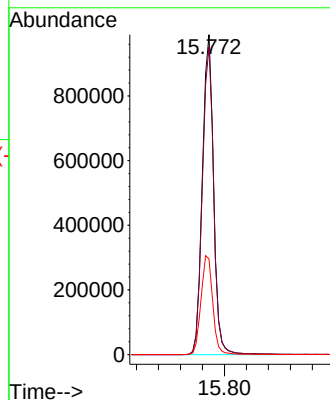
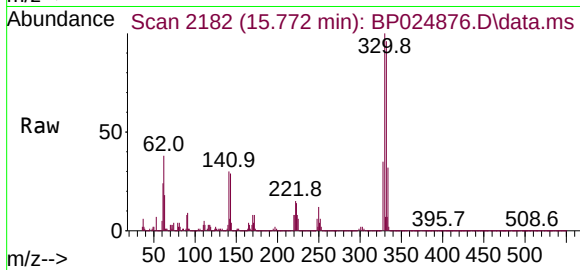




#42
2,4,6-Tribromophenol
Concen: 161.262 ng
RT: 15.772 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

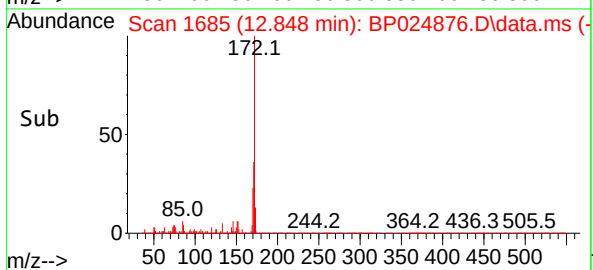
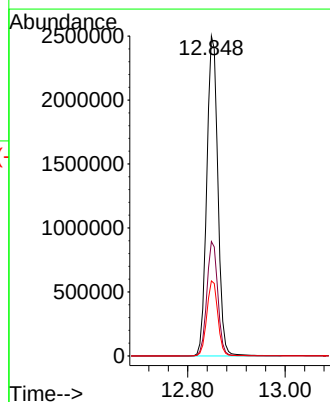
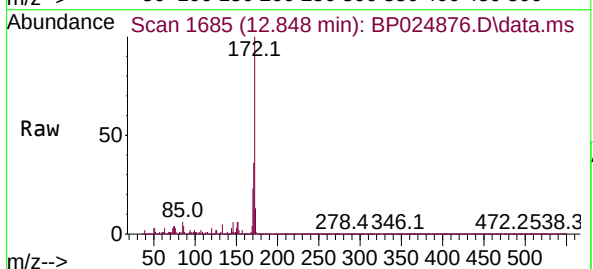
Instrument :
BNA_P
ClientSampleId :
FB-060425

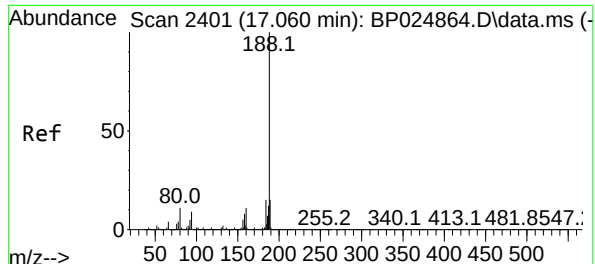
Tgt Ion:330 Resp: 1399332
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 32.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 85.060 ng
RT: 12.848 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:172 Resp: 3963034
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP024876.D

Acq: 09 Jun 2025 14:12

Instrument :

BNA_P

ClientSampleId :

FB-060425

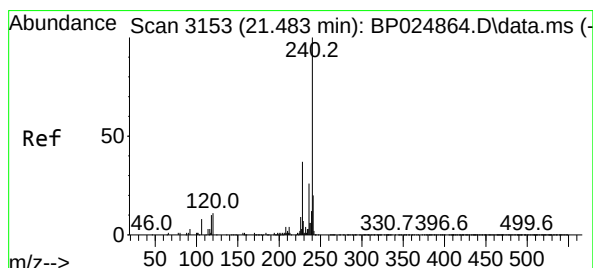
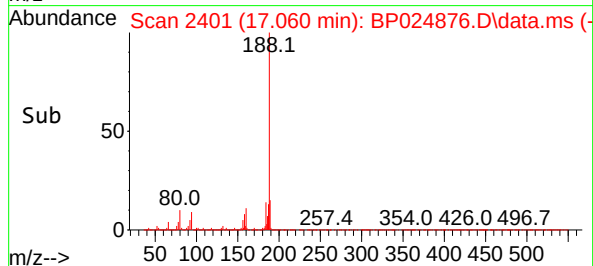
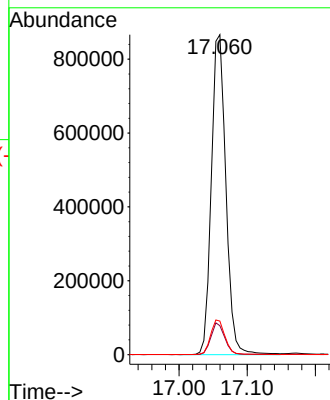
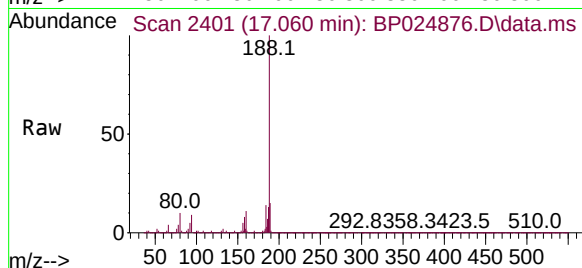
Tgt Ion:188 Resp: 1279517

Ion Ratio Lower Upper

188 100

94 9.0 7.3 10.9

80 10.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BP024876.D

Acq: 09 Jun 2025 14:12

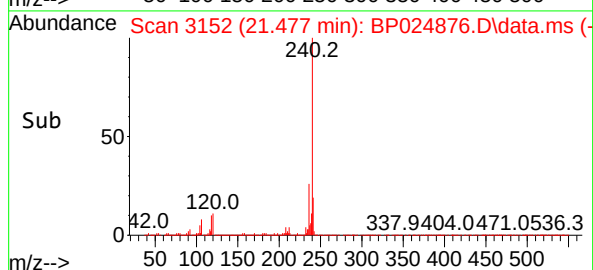
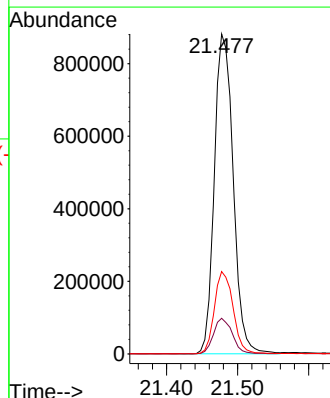
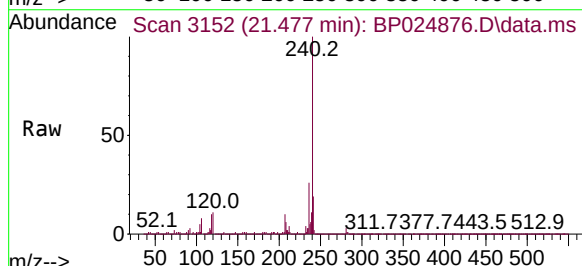
Tgt Ion:240 Resp: 1631185

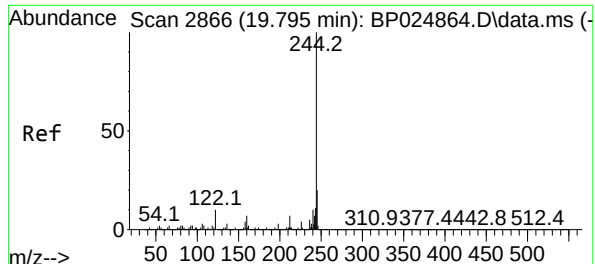
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.7 20.9 31.3

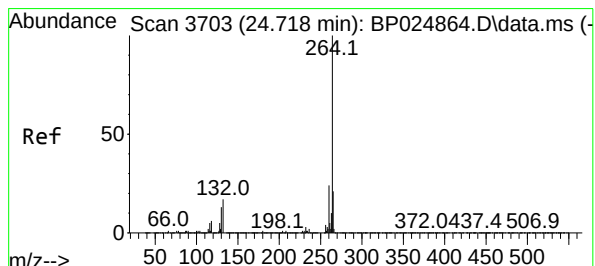
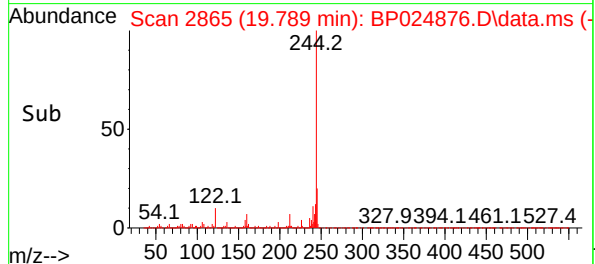
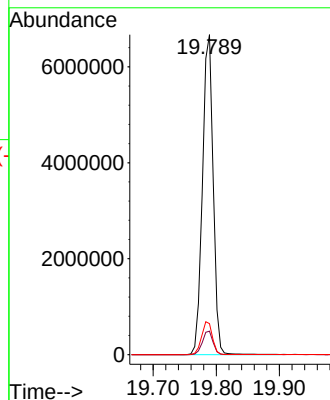
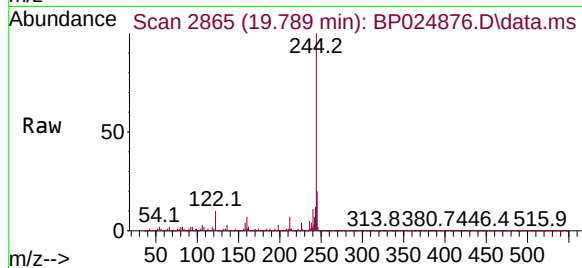




#79
Terphenyl-d14
Concen: 86.177 ng
RT: 19.789 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

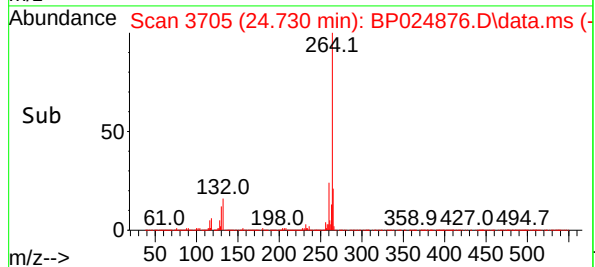
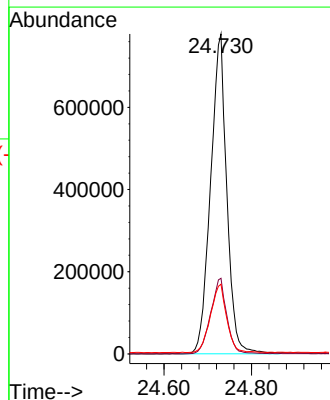
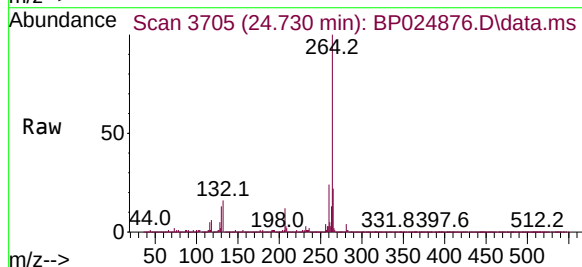
Instrument :
BNA_P
ClientSampleId :
FB-060425

Tgt Ion:244 Resp: 7843217
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 9.7 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024876.D
Acq: 09 Jun 2025 14:12

Tgt Ion:264 Resp: 2005166
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.8 17.4 26.0



Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425	SDG No.:	Q2230
Lab Sample ID:	Q2230-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024877.D	1	06/06/25 08:35	06/09/25 14:52	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	2.20	J	0.55	5.50	ug/L
208-96-8	Acenaphthylene	5.50	U	0.82	5.50	ug/L
83-32-9	Acenaphthene	5.50	U	0.60	5.50	ug/L
86-73-7	Fluorene	5.50	U	0.69	5.50	ug/L
85-01-8	Phenanthrene	5.50	U	0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	93.0		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		52 - 132	86%	SPK: 100
1718-51-0	Terphenyl-d14	78.5		42 - 152	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	193000		7.608		
1146-65-2	Naphthalene-d8	768000		10.372		
15067-26-2	Acenaphthene-d10	480000		14.243		
1517-22-2	Phenanthrene-d10	943000		17.042		
1719-03-5	Chrysene-d12	1240000		21.472		
1520-96-3	Perylene-d12	1720000		24.713		

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425	SDG No.:	Q2230
Lab Sample ID:	Q2230-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024877.D	1	06/06/25 08:35	06/09/25 14:52	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
 Data File : BP024877.D
 Acq On : 09 Jun 2025 14:52
 Operator : RC/JU
 Sample : Q2230-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 15:55:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	193111	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	768427	20.000	ng	0.00
39) Acenaphthene-d10	14.243	164	479578	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	943300	20.000	ng	-0.02
76) Chrysene-d12	21.472	240	1244702	20.000	ng	-0.01
86) Perylene-d12	24.713	264	1717483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	953456	82.414	ng	0.00
7) Phenol-d6	6.814	99	781439	51.051	ng	0.00
23) Nitrobenzene-d5	8.755	82	1471313	93.041	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1067678	161.027	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3058686	85.918	ng	0.00
79) Terphenyl-d14	19.772	244	5454769	78.543	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	8.408	107	60786	4.043	ng	85
31) Naphthalene	10.425	128	79849	2.028	ng	# 90
32) Benzoic acid	9.713	122	37128	4.631	ng	97
38) 1-Methylnaphthalene	12.266	142	55989m	2.097	ng	

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

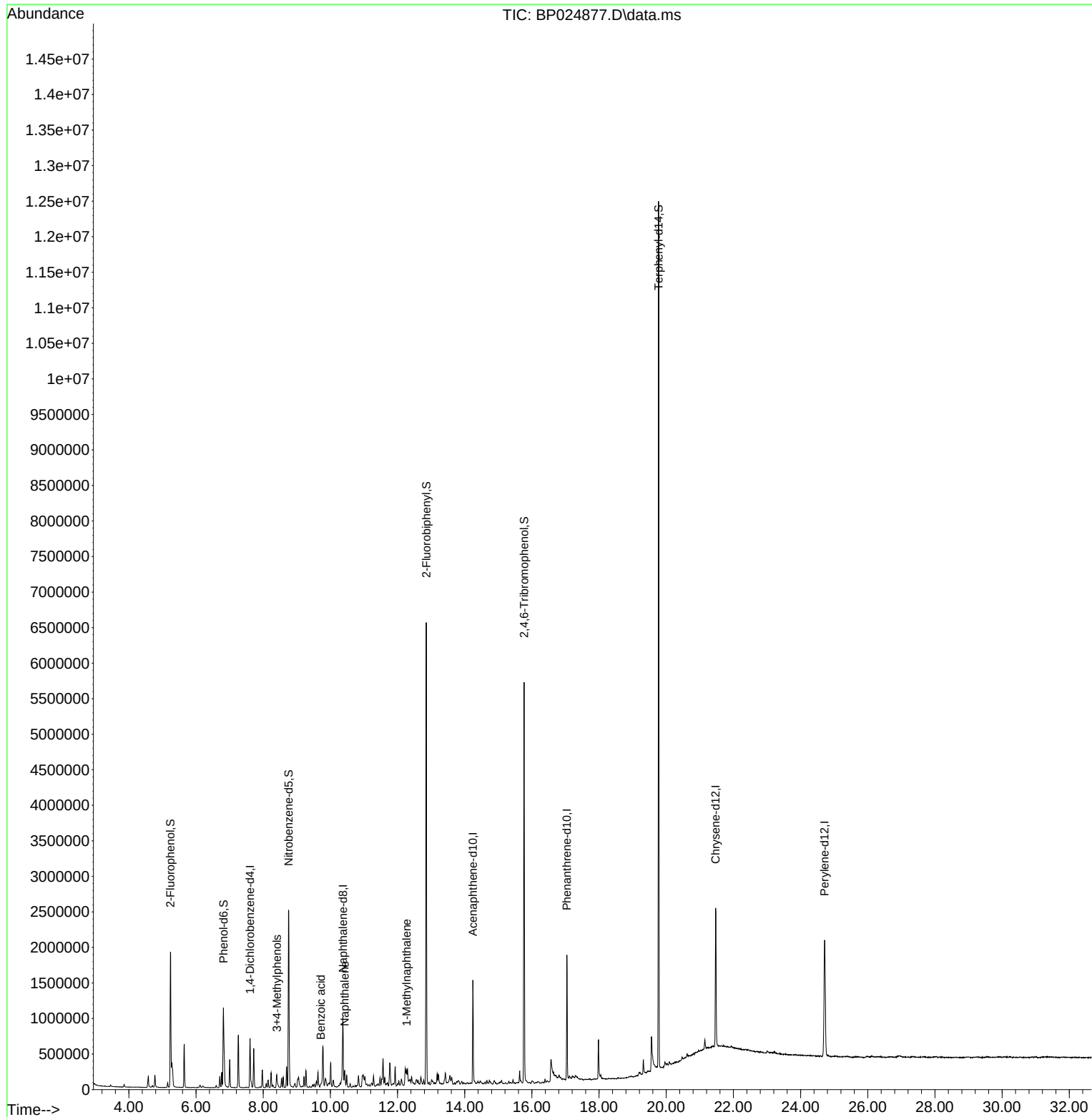
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024877.D
Acq On : 09 Jun 2025 14:52
Operator : RC/JU
Sample : Q2230-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

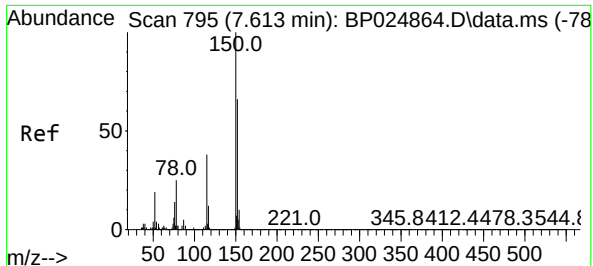
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

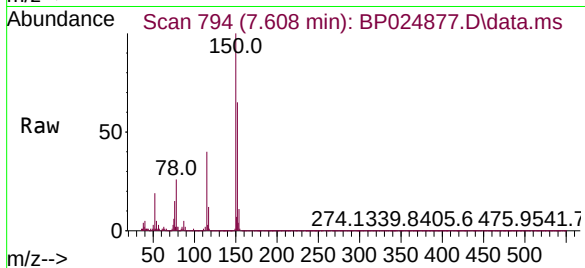
Quant Time: Jun 09 15:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

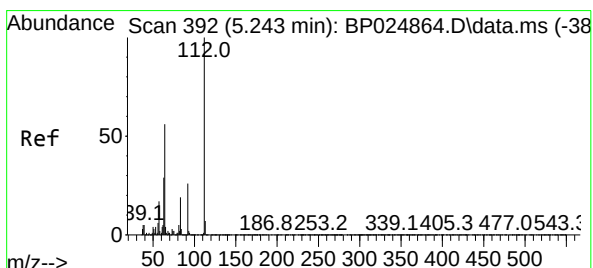
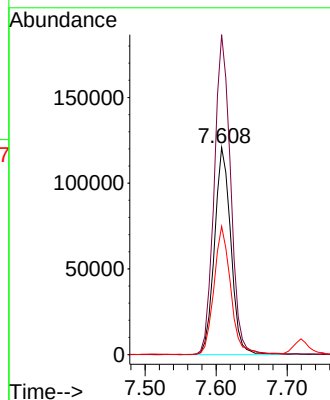
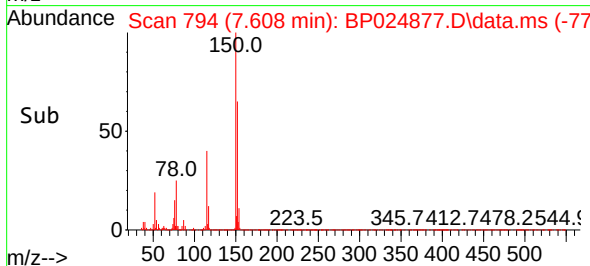
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425



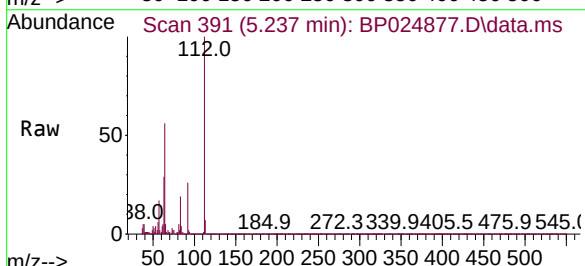
Tgt Ion:152 Resp: 193111
Ion Ratio Lower Upper
152 100
150 154.5 122.1 183.1
115 61.9 46.4 69.6

Manual Integrations
APPROVED

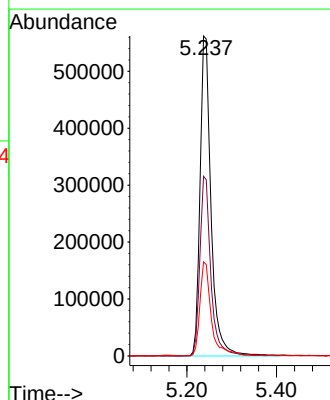
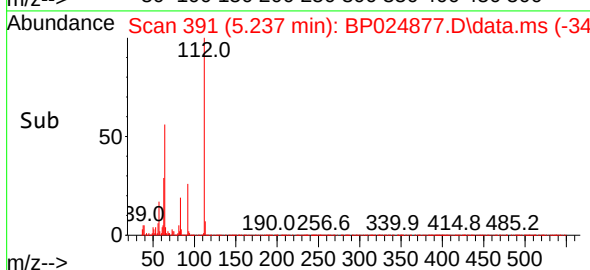
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

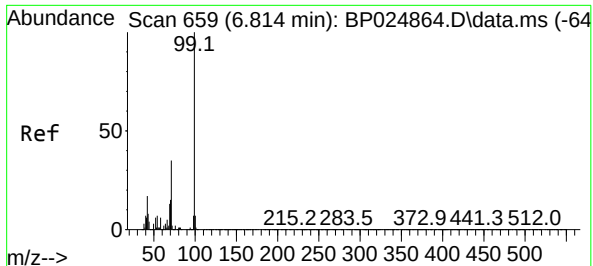


#5
2-Fluorophenol
Concen: 82.414 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52



Tgt Ion:112 Resp: 953456
Ion Ratio Lower Upper
112 100
64 56.1 44.7 67.1
63 29.4 23.5 35.3





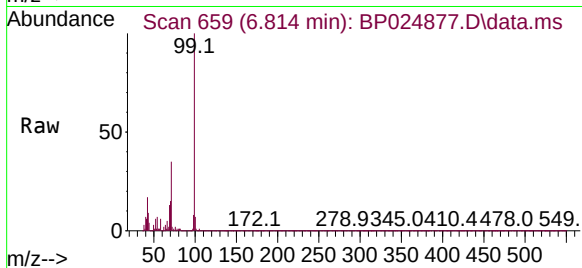
#7
Phenol-d6
Concen: 51.051 ng
RT: 6.814 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425

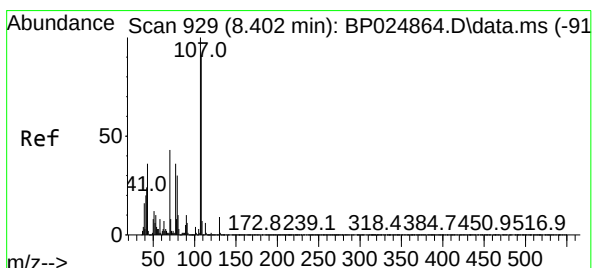
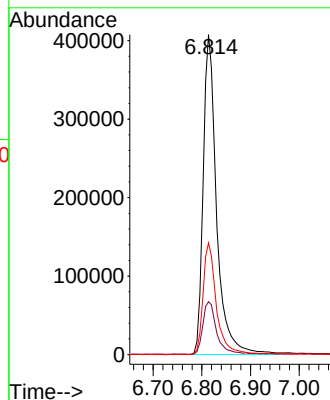
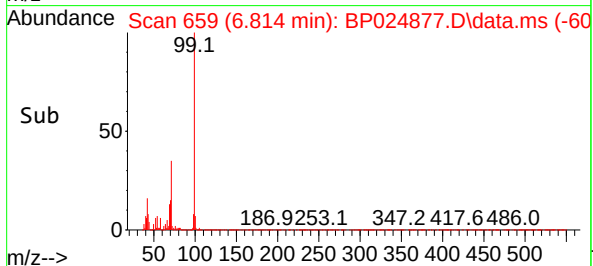


Tgt Ion: 99 Resp: 781439
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.9 27.6 41.4

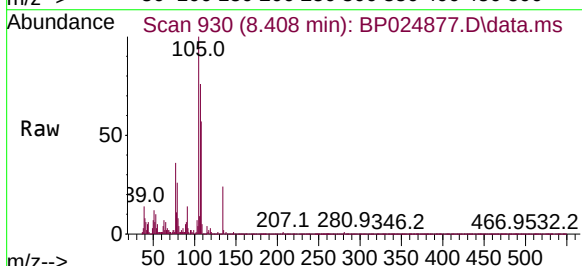
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

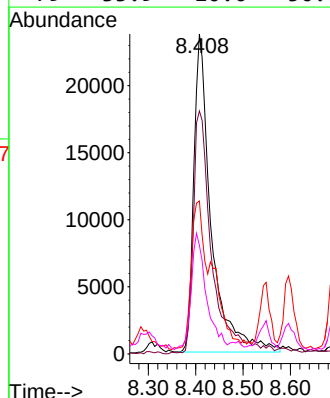
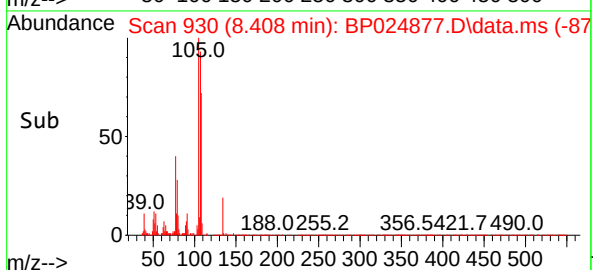
Supervised By :Jagrut Upadhyay 06/10/2025

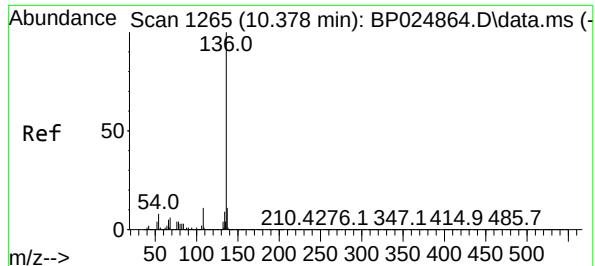


#20
3+4-Methylphenols
Concen: 4.043 ng
RT: 8.408 min Scan# 930
Delta R.T. 0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52



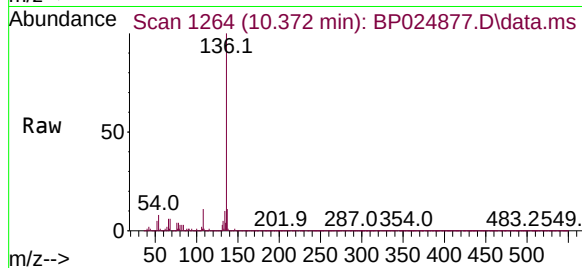
Tgt Ion:107 Resp: 60786
Ion Ratio Lower Upper
107 100
108 75.9 70.7 110.7
77 47.8 16.6 56.6
79 33.9 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

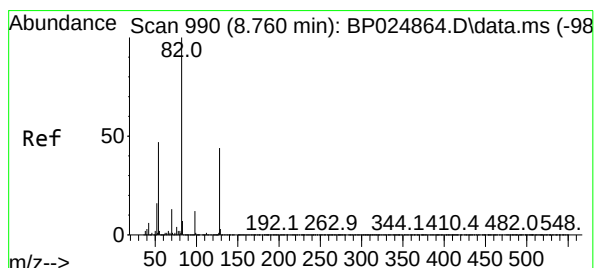
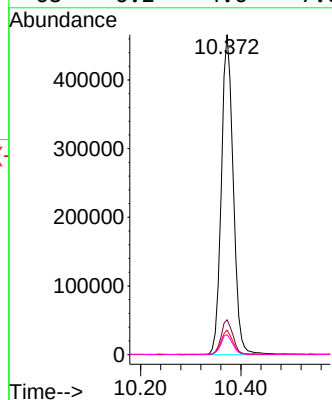
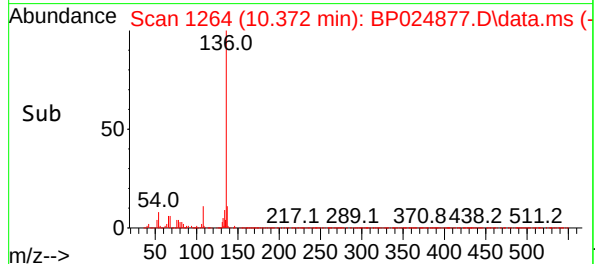
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425



Tgt Ion: 136 Resp: 76842
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.1 9.1
68 6.2 4.6 7.0

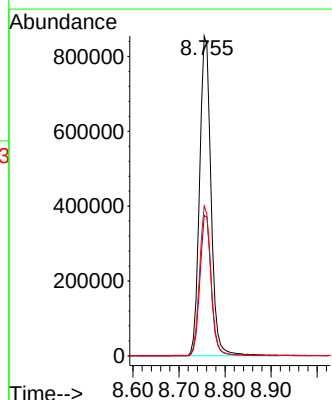
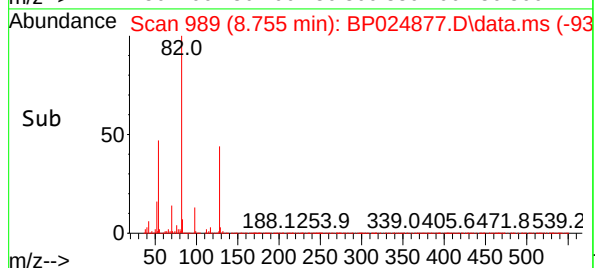
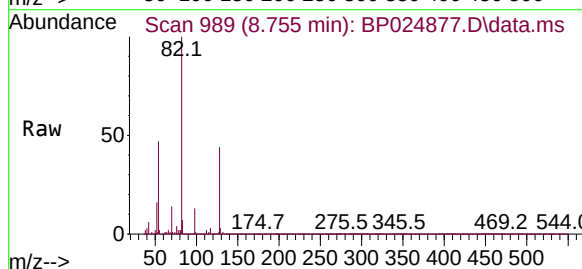
Manual Integrations
APPROVED

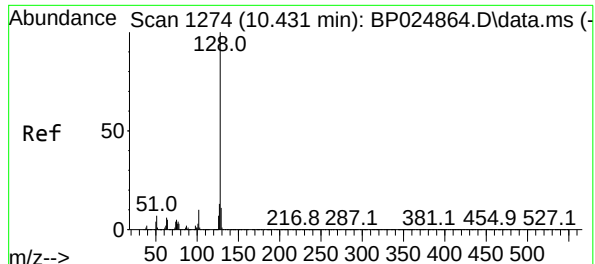
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#23
Nitrobenzene-d5
Concen: 93.041 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion: 82 Resp: 1471313
Ion Ratio Lower Upper
82 100
128 43.9 35.3 52.9
54 46.9 37.4 56.0





#31

Naphthalene

Concen: 2.028 ng

RT: 10.425 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425

Tgt Ion:128 Resp: 79849

Ion Ratio Lower Upper

128 100

129 17.1 8.7 13.1

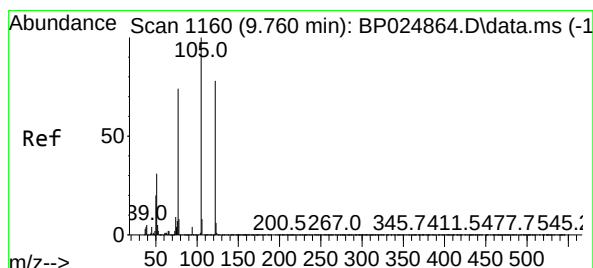
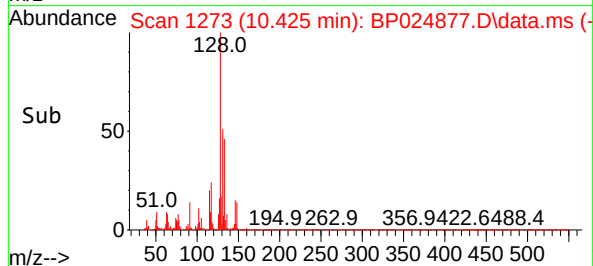
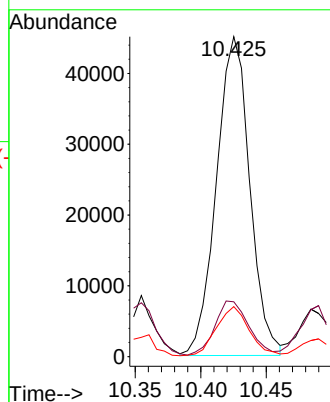
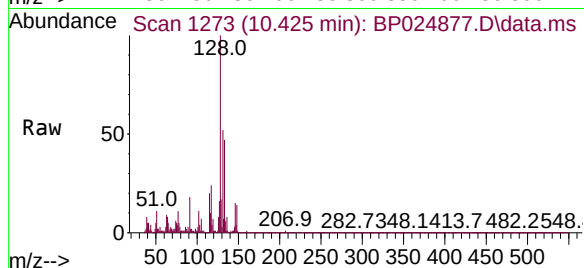
127 15.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#32

Benzoic acid

Concen: 4.631 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.047 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

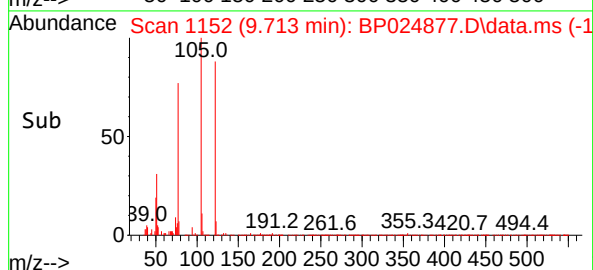
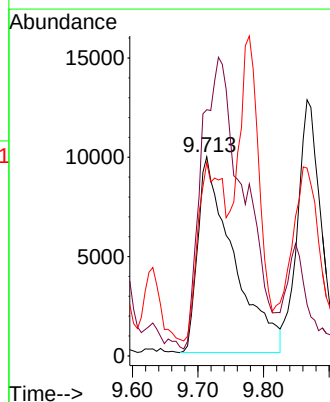
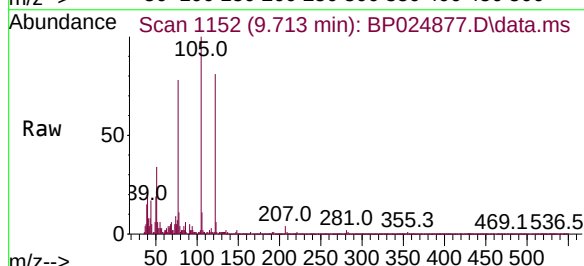
Tgt Ion:122 Resp: 37128

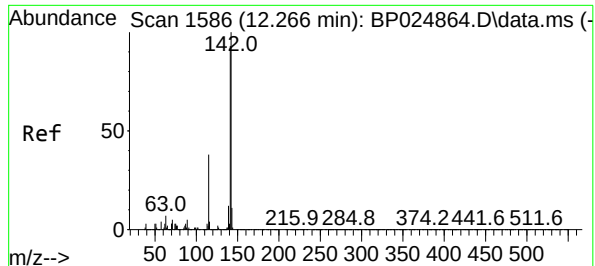
Ion Ratio Lower Upper

122 100

105 123.6 107.1 147.1

77 97.0 75.1 115.1





#38

1-Methylnaphthalene

Concen: 2.097 ng m

RT: 12.266 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425

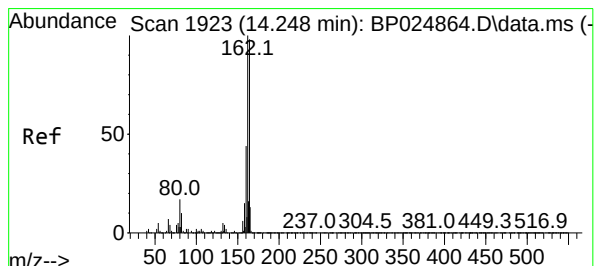
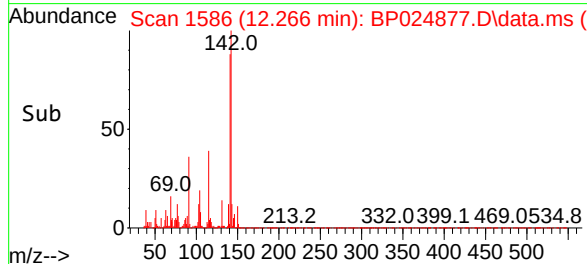
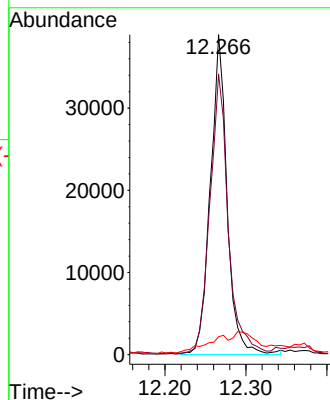
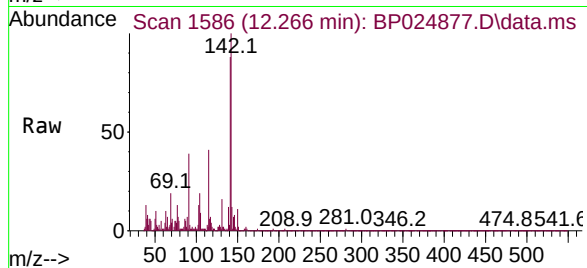
Tgt Ion:	142	Resp:	55989
Ion Ratio	Lower	Upper	
142	100		
141	87.7	74.7	112.1
116	5.6	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

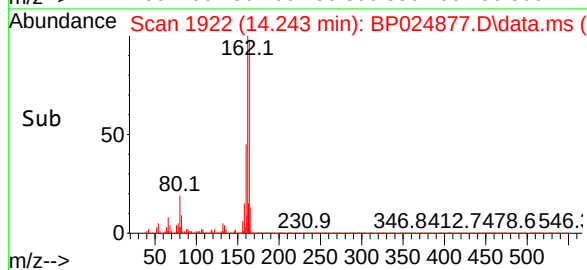
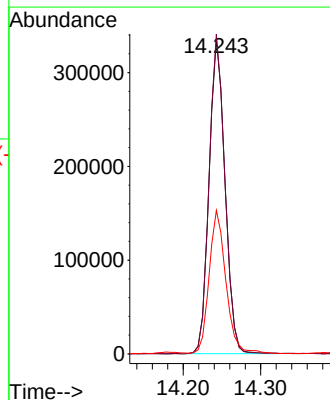
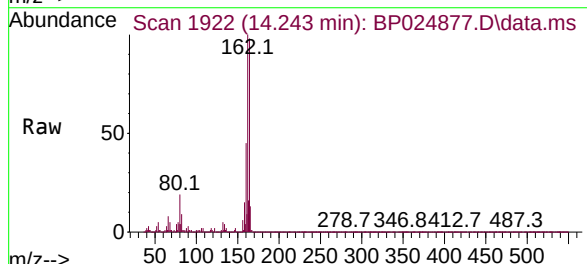
RT: 14.243 min Scan# 1922

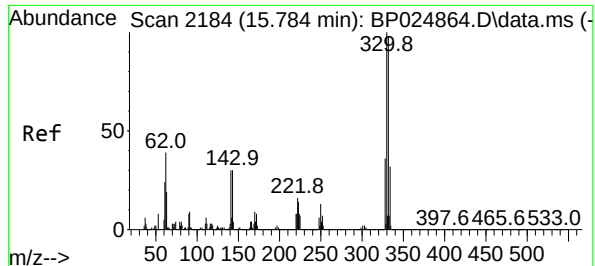
Delta R.T. -0.006 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Tgt Ion:	164	Resp:	479578
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.6	122.4
160	45.6	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 161.027 ng

RT: 15.766 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024877.D

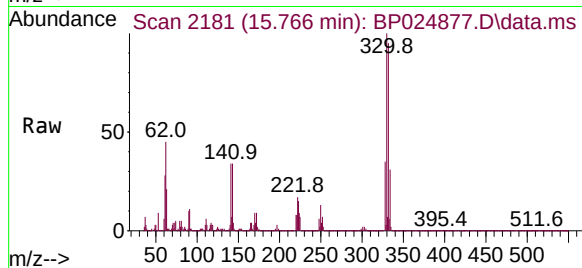
Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425



Tgt Ion:330 Resp: 1067678

Ion Ratio Lower Upper

330 100

332 96.0 77.7 116.5

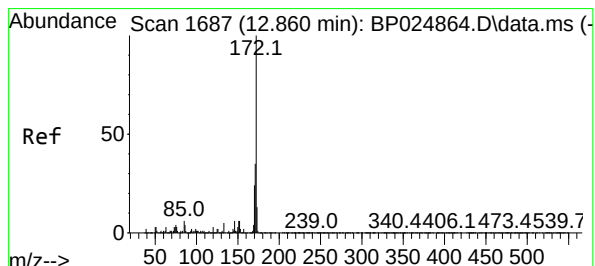
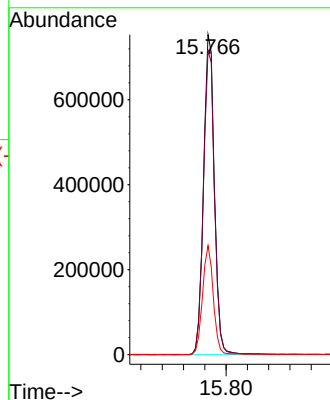
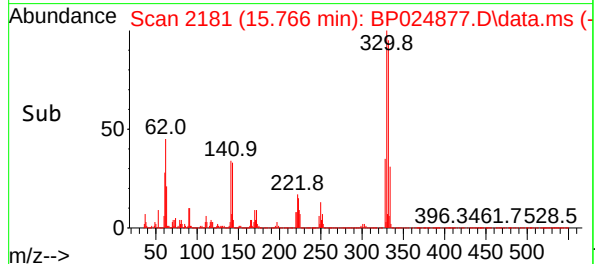
141 33.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#45

2-Fluorobiphenyl

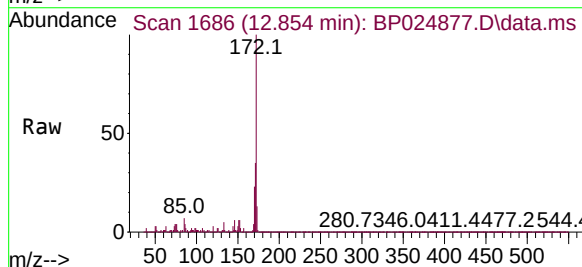
Concen: 85.918 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52



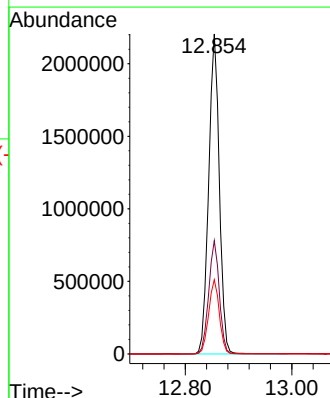
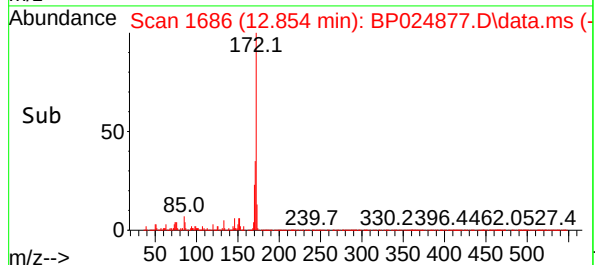
Tgt Ion:172 Resp: 3058686

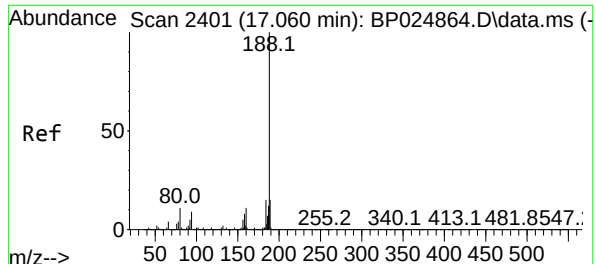
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.018 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

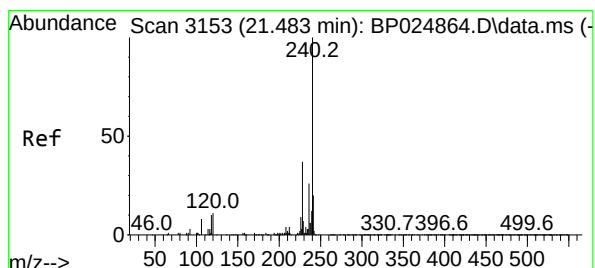
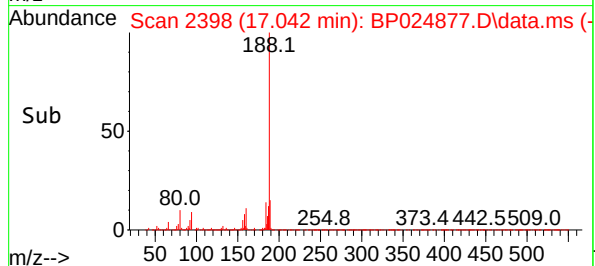
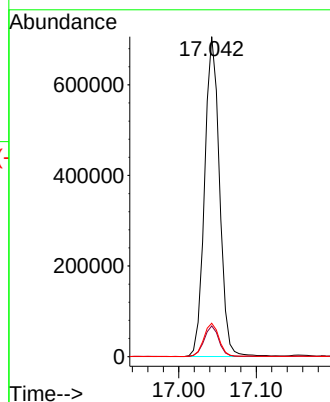
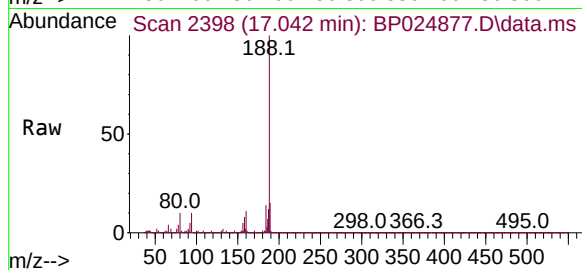
GW-MW01-060425

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.3	10.9
80	10.4	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#76

Chrysene-d12

Concen: 20.000 ng

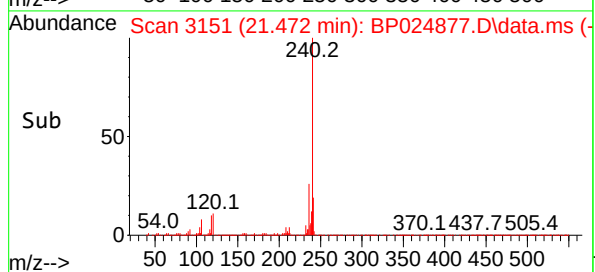
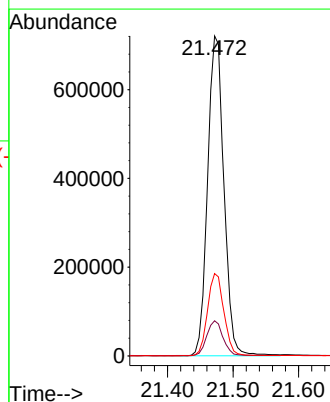
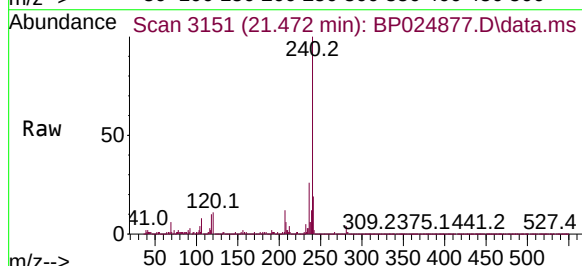
RT: 21.472 min Scan# 3151

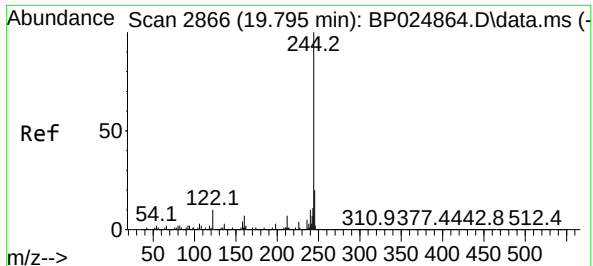
Delta R.T. -0.012 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.7	20.9	31.3





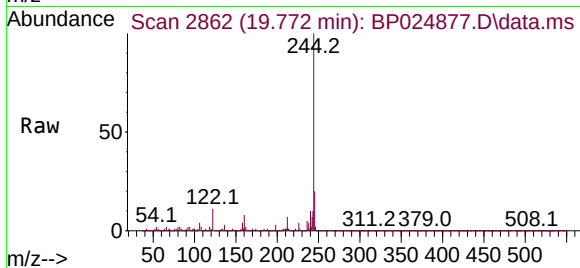
#79
Terphenyl-d14
Concen: 78.543 ng
RT: 19.772 min Scan# 2866
Delta R.T. -0.023 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425



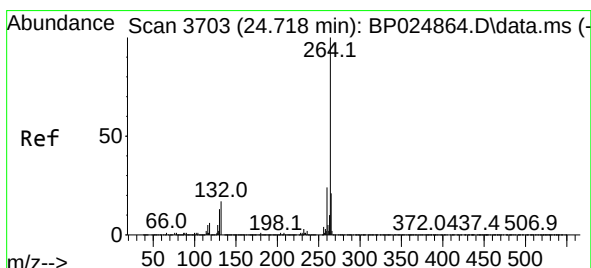
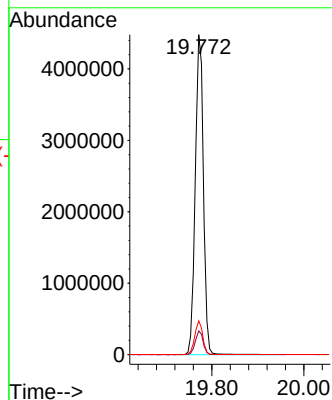
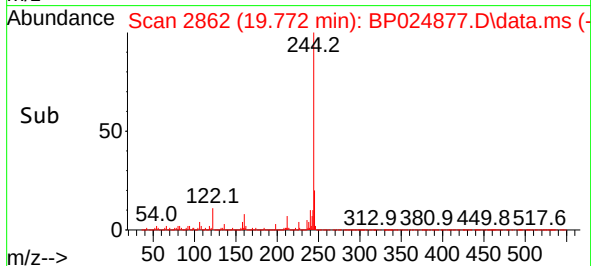
Tgt Ion:244 Resp: 5454769
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 10.5 7.7 11.5

Manual Integrations

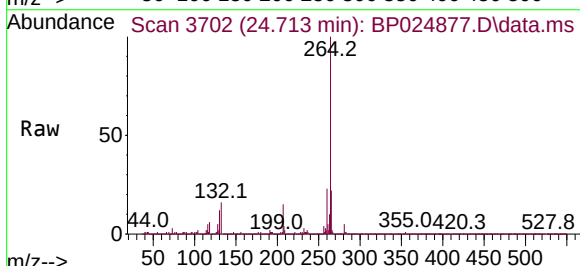
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

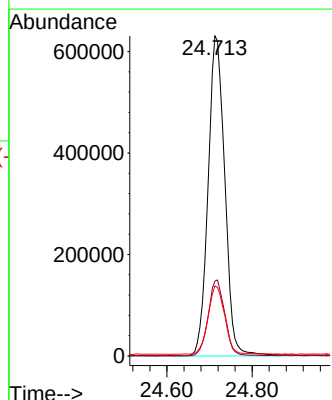
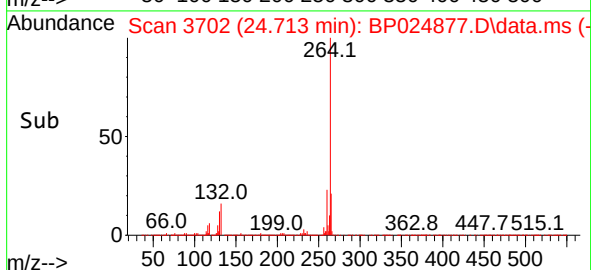
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.713 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52



Tgt Ion:264 Resp: 1717483
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.9 17.4 26.0



Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW901-060425	SDG No.:	Q2230
Lab Sample ID:	Q2230-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024881.D	1	06/06/25 08:35	06/09/25 17:35	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
208-96-8	Acenaphthylene	5.10	U	0.77	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.84	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.46	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.45	5.10	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	5.10	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.9		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.4		52 - 132	81%	SPK: 100
1718-51-0	Terphenyl-d14	82.1		42 - 152	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.607			
1146-65-2	Naphthalene-d8	1070000	10.372			
15067-26-2	Acenaphthene-d10	664000	14.248			
1517-22-2	Phenanthrene-d10	1330000	17.054			
1719-03-5	Chrysene-d12	1570000	21.477			
1520-96-3	Perylene-d12	1840000	24.724			

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW901-060425	SDG No.:	Q2230
Lab Sample ID:	Q2230-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024881.D	1	06/06/25 08:35	06/09/25 17:35	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
Data File : BP024881.D
Acq On : 09 Jun 2025 17:35
Operator : RC/JU
Sample : Q2230-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

Quant Time: Jun 09 18:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	269752	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	1068626	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	664052	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1331033	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1566442	20.000	ng	0.00
86) Perylene-d12	24.724	264	1838040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1084815	67.127	ng	0.00
7) Phenol-d6	6.813	99	875177	40.930	ng	0.00
23) Nitrobenzene-d5	8.760	82	1889460	85.918	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1453971	158.369	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	4010432	81.357	ng	0.00
79) Terphenyl-d14	19.783	244	7173932	82.081	ng	-0.01

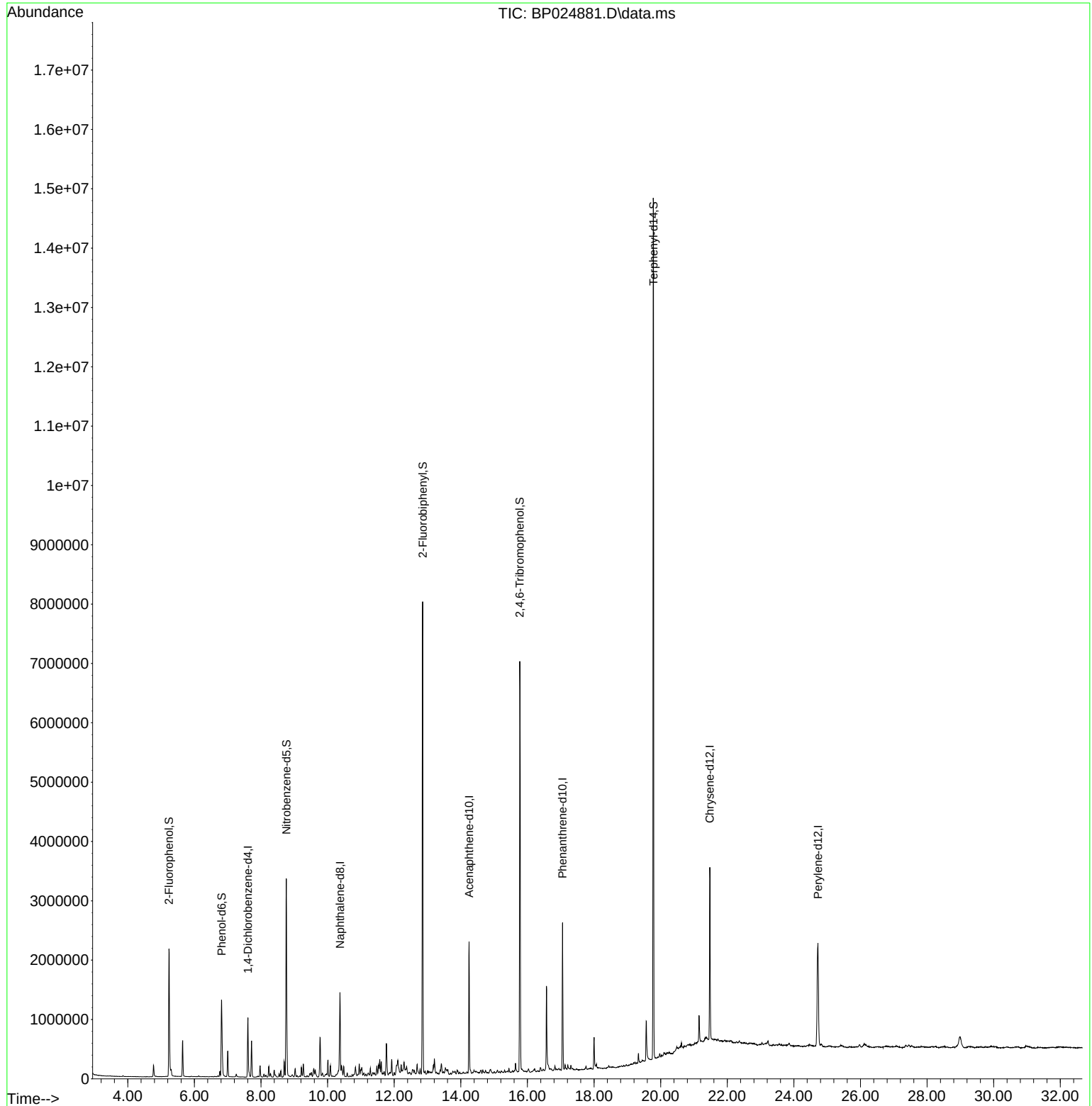
Target Compounds	Qvalue

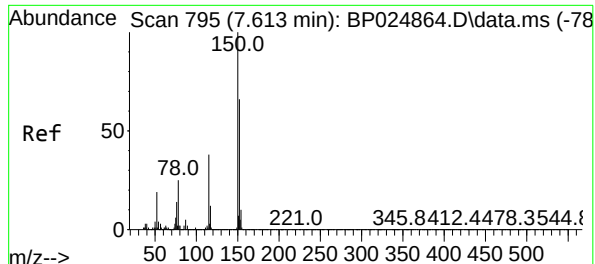
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024881.D
Acq On : 09 Jun 2025 17:35
Operator : RC/JU
Sample : Q2230-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

Quant Time: Jun 09 18:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

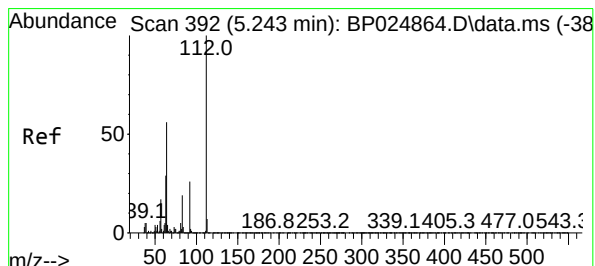
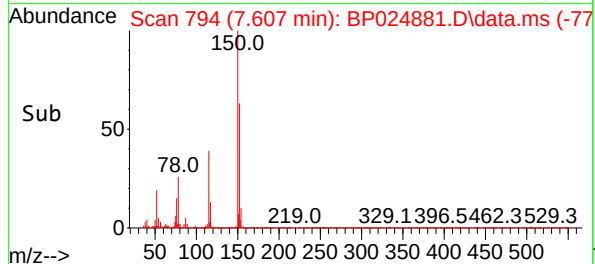
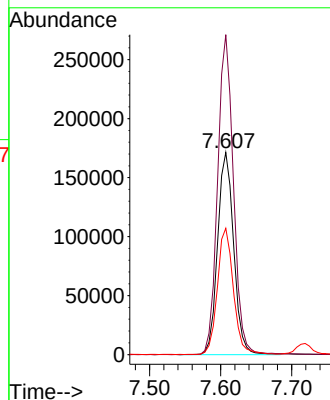
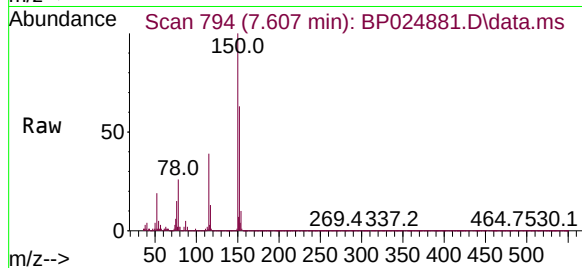




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

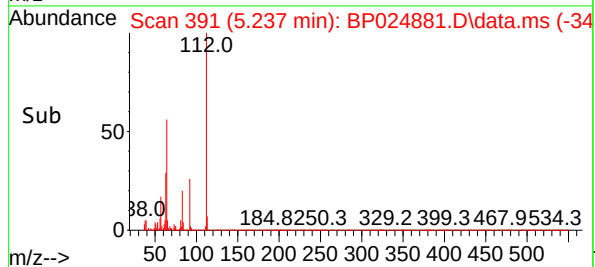
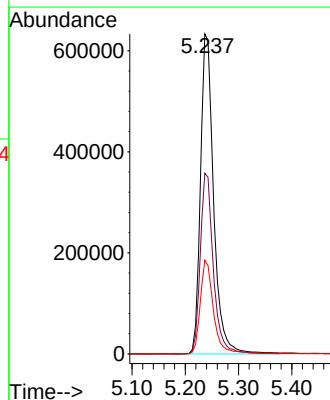
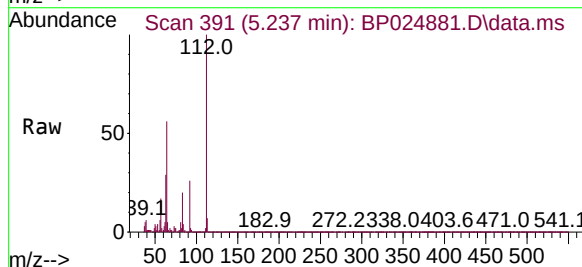
Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

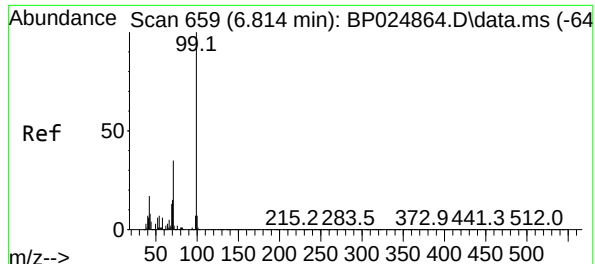
Tgt Ion:152 Resp: 269752
Ion Ratio Lower Upper
152 100
150 158.3 122.1 183.1
115 62.5 46.4 69.6



#5
2-Fluorophenol
Concen: 67.127 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion:112 Resp: 1084815
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 29.3 23.5 35.3

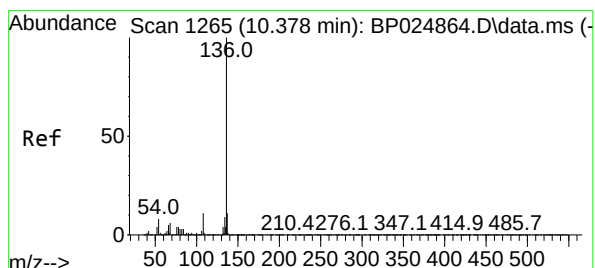
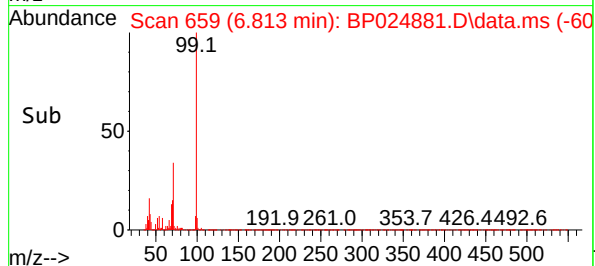
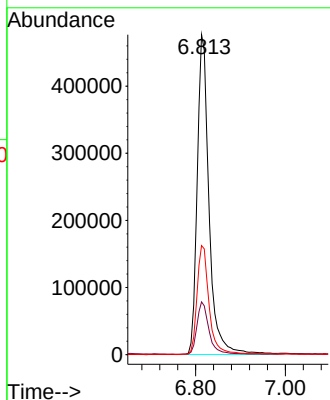
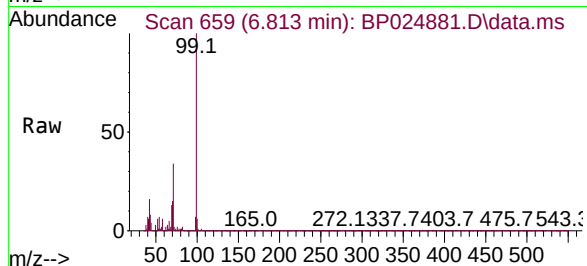




#7
Phenol-d6
Concen: 40.930 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

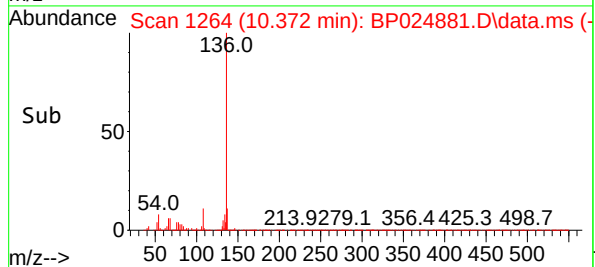
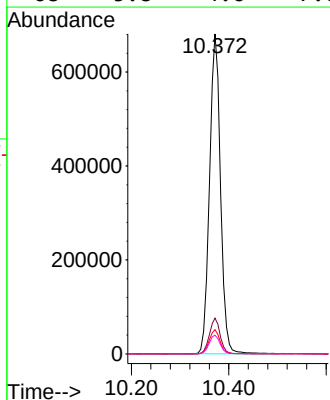
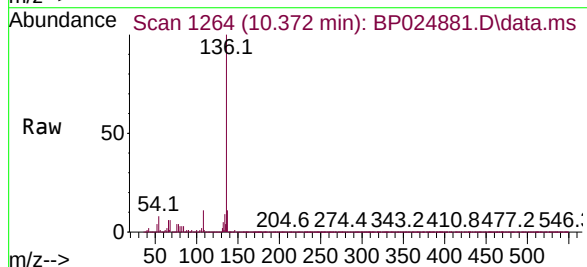
Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

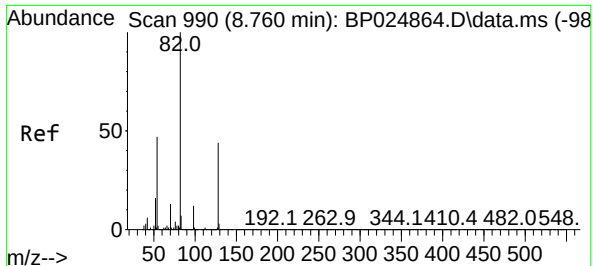
Tgt Ion: 99 Resp: 875177
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion: 136 Resp: 1068626
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.1 9.1
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.918 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

Instrument :

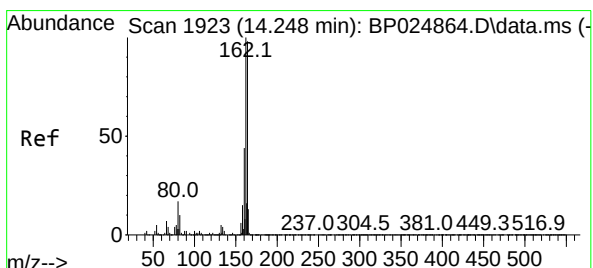
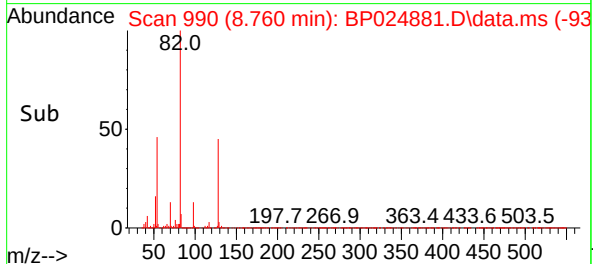
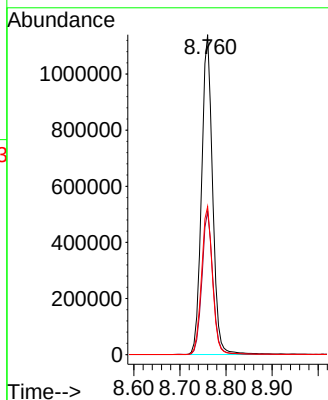
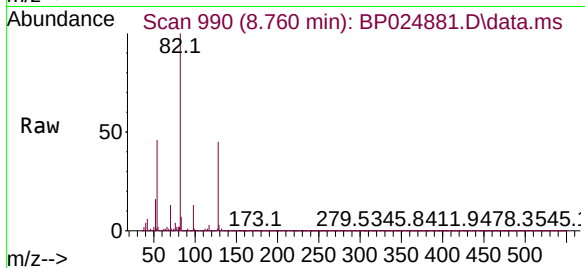
BNA_P

ClientSampleId :

GW-MW901-060425

Tgt Ion: 82 Resp: 1889460

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.3	52.9
54	46.3	37.4	56.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

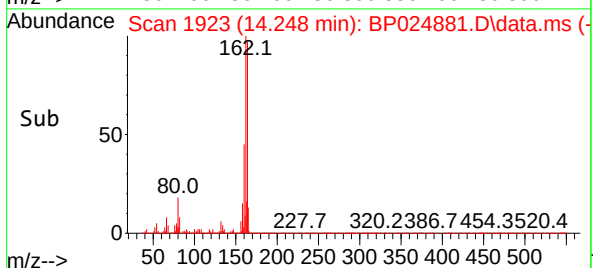
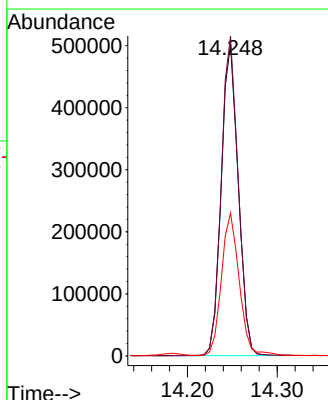
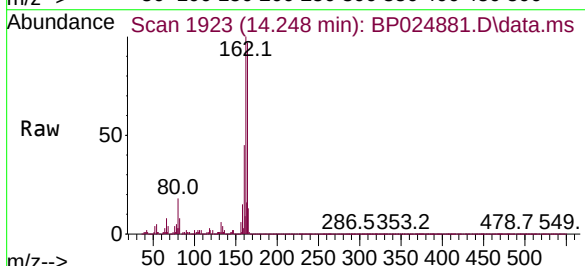
Delta R.T. -0.000 min

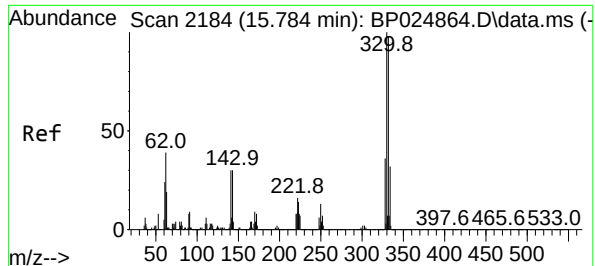
Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

Tgt Ion: 164 Resp: 664052

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	45.8	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 158.369 ng

RT: 15.772 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

Instrument :

BNA_P

ClientSampleId :

GW-MW901-060425

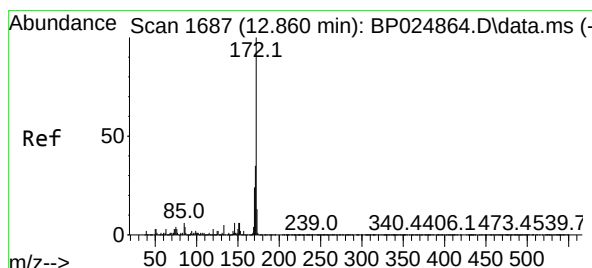
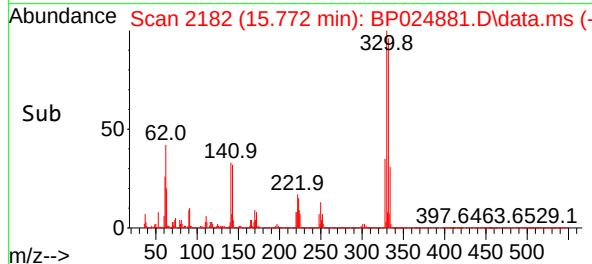
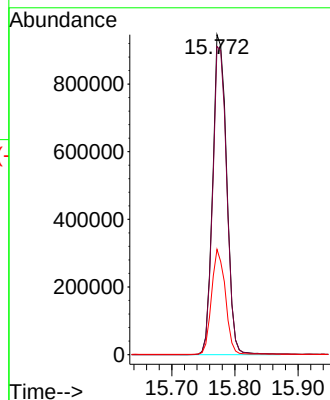
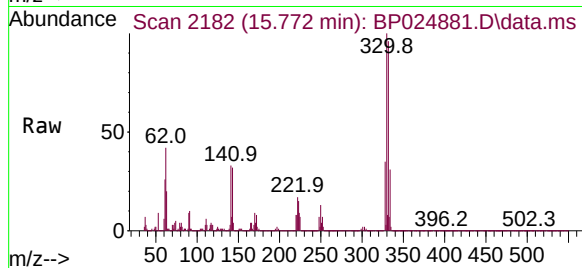
Tgt Ion:330 Resp: 1453971

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 32.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 81.357 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

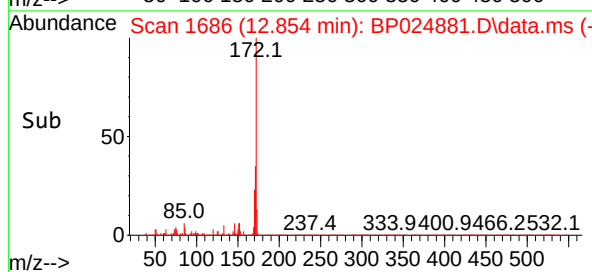
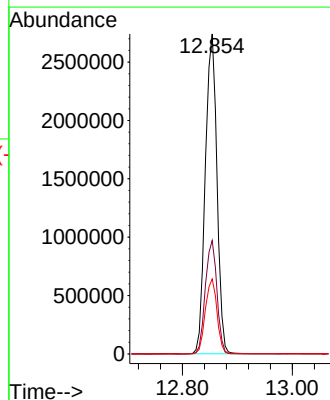
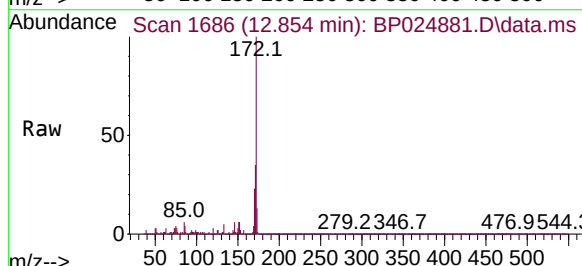
Tgt Ion:172 Resp: 4010432

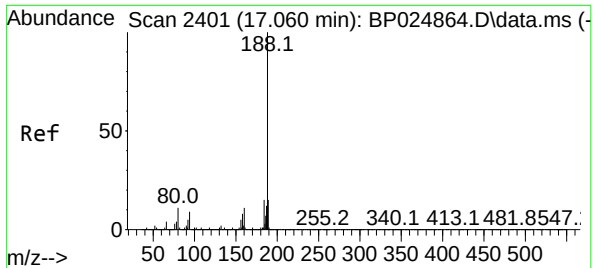
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.4

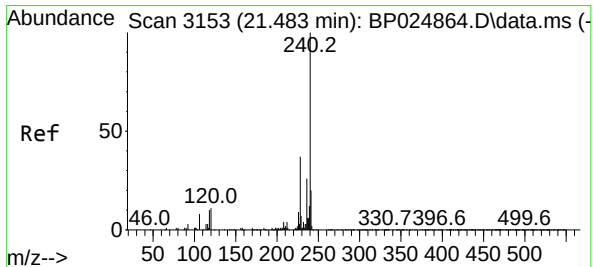
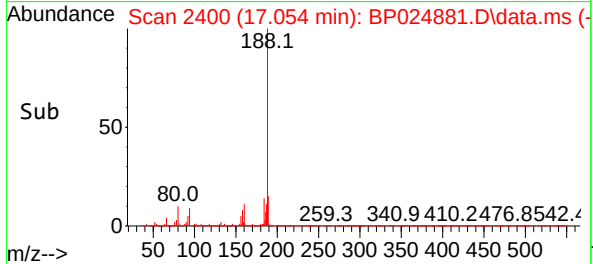
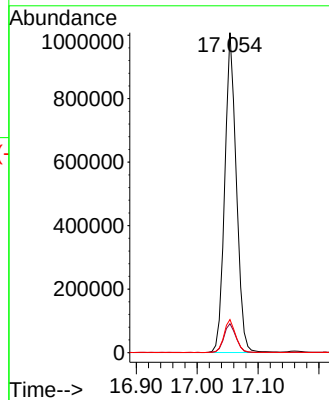
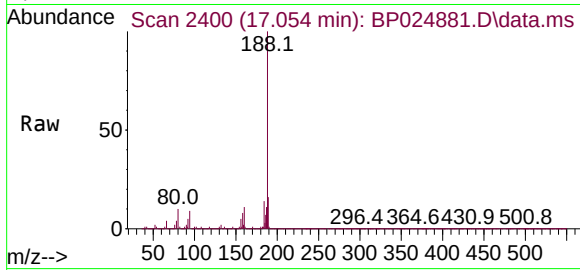




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

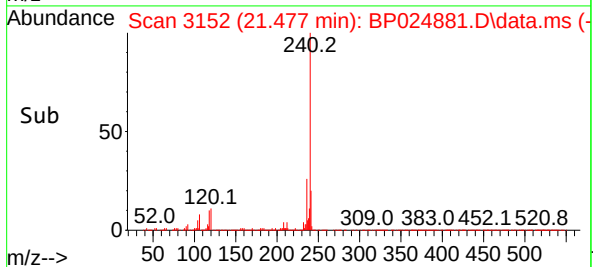
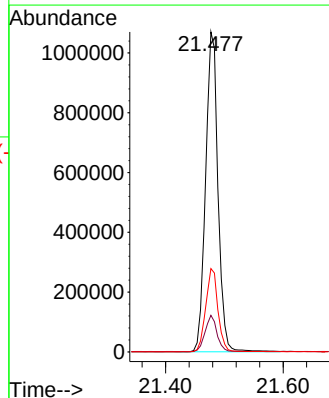
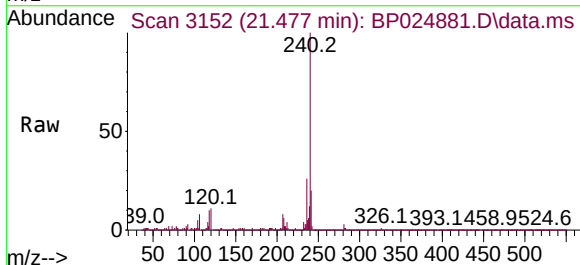
Instrument :
BNA_P
ClientSampleId :
GW-MW901-060425

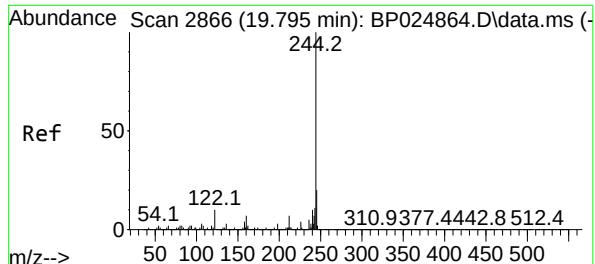
Tgt Ion:188 Resp: 1331033
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024881.D
Acq: 09 Jun 2025 17:35

Tgt Ion:240 Resp: 1566442
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 82.081 ng

RT: 19.783 min Scan# 2866

Delta R.T. -0.012 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

Instrument :

BNA_P

ClientSampleId :

GW-MW901-060425

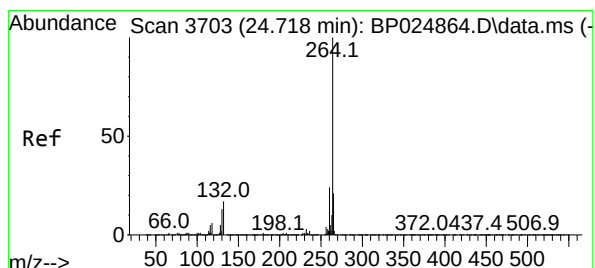
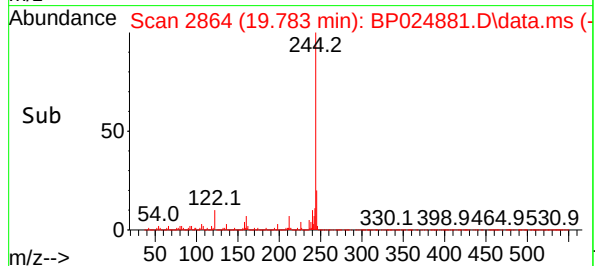
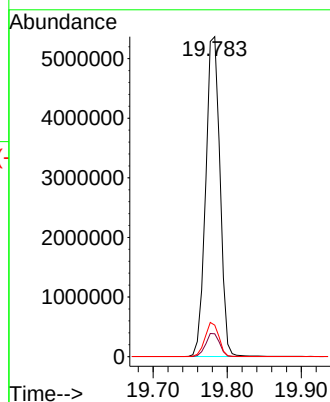
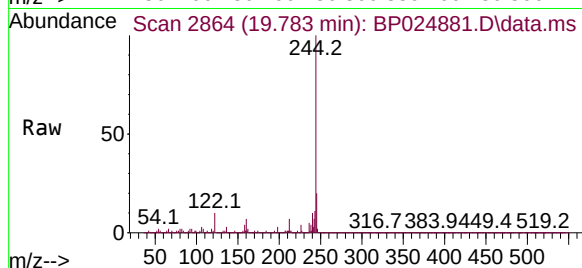
Tgt Ion:244 Resp: 7173932

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.724 min Scan# 3704

Delta R.T. 0.006 min

Lab File: BP024881.D

Acq: 09 Jun 2025 17:35

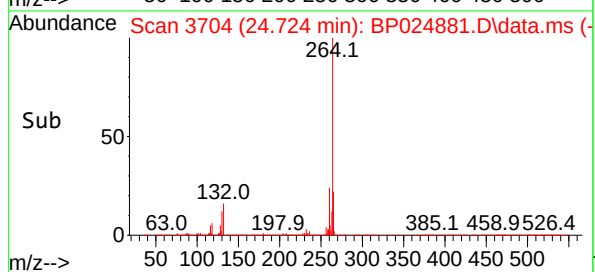
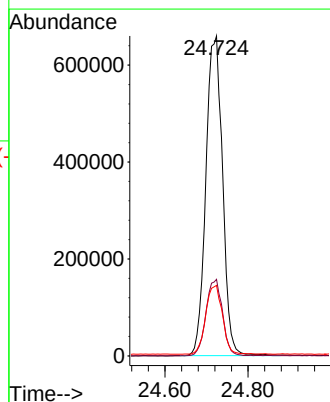
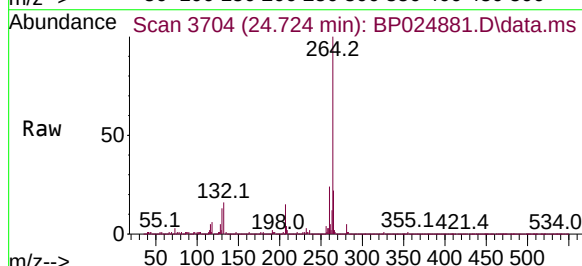
Tgt Ion:264 Resp: 1838040

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.0 17.4 26.0





CALIBRATION SUMMARY

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Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP024867.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3) Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4) n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5) S 2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6) Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7) S Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8) 2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9) Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10) C Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11) bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12) 1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13) C 1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14) 1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15) Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16) 2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17) 2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18) Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19) P n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20) 3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23) S Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24) Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25) Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26) C 2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27) 2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28) bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29) C 2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30) 1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31) Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32) Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33) 4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34) C Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35) Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36) C 4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37) 2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38) 1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP060625.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31	
41) P	Hexachlorocycl...	0.259	0.315	0.337	0.404	0.369	0.394	0.346	15.74		
42) S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26	
43) C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86	
44)	2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44	
45) S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44	
46)	1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05	
47)	2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16	
48)	2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59	
49)	Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19	
50)	Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45	
51)	2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86	
52) C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86	
53)	3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74	
54) P	2,4-Dinitrophenol	0.117	0.155	0.179	0.203	0.208	0.205	0.178	20.23		
55)	Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22	
56) P	4-Nitrophenol	0.142	0.213	0.248	0.276	0.281	0.275	0.239	22.62		
57)	2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45	
58)	Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77	
59)	2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04	
60)	Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27	
61)	4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06	
62)	4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69	
63)	Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.102	0.125	0.130	0.147	0.143	0.142	0.131	12.78		
66) c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68	
67)	4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83	
68)	Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31	
69)	Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16	
70) C	Pentachlorophenol	0.105	0.131	0.139	0.162	0.153	0.159	0.142	15.21		
71)	Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12	
72)	Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58	
73)	Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83	
74)	Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81	
75) C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.512	0.669	0.653	0.690	0.663	0.529	0.619	12.54		
78)	Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41	
79) S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57	
80)	Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74	
81)	Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73	
82)	3,3'-Dichlorob...	0.468	0.513	0.493	0.542	0.531	0.501	0.508	5.29		
83)	Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13	
84)	Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87	
85) c	Di-n-octyl pht...	1.320	1.438	1.384	1.587	1.470	1.473	1.445	6.25		

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)	Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)	Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90) C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)	Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)	Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024860.D
Acq On : 06 Jun 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 06 15:57:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

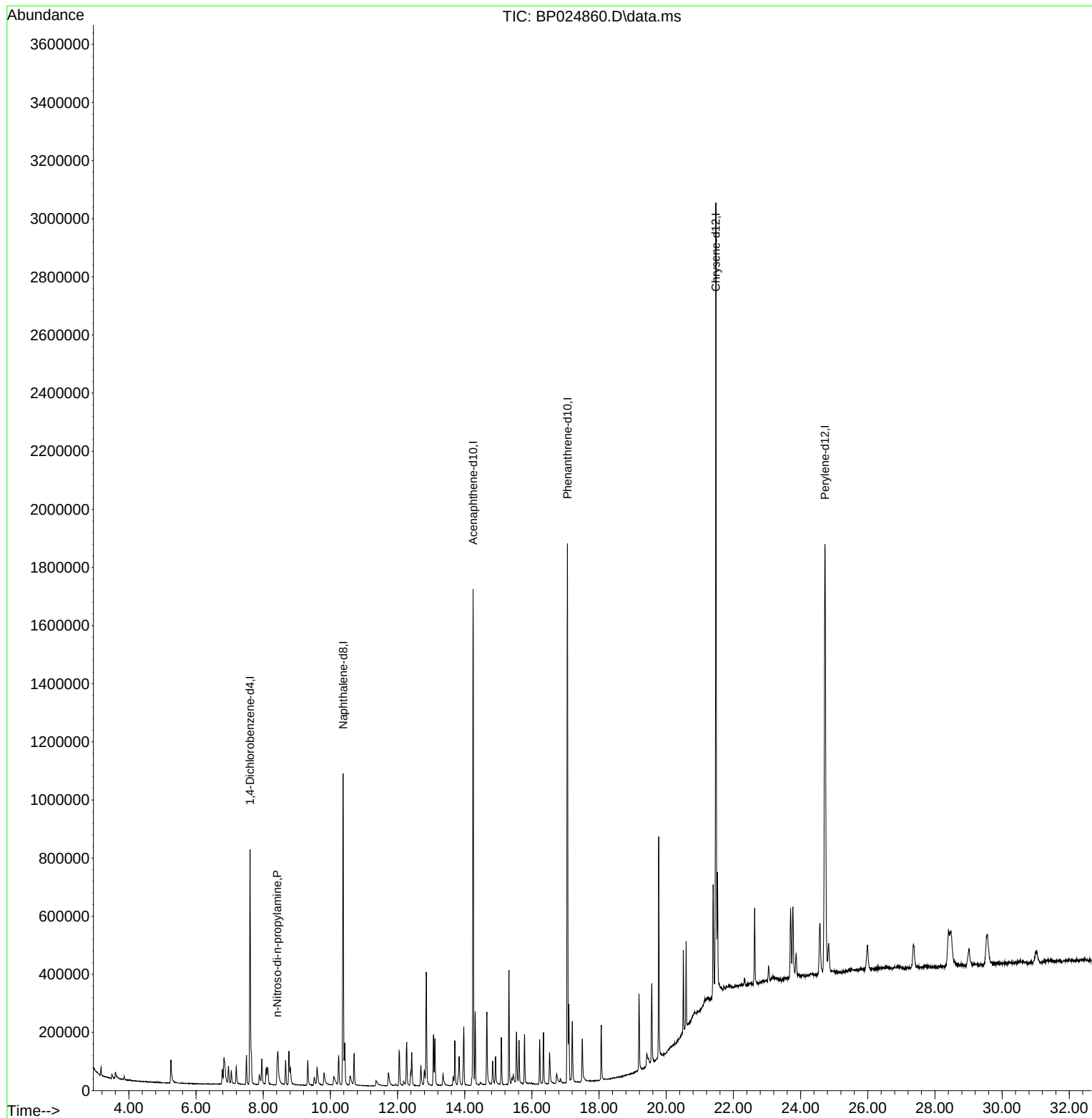
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	221050	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	909156	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	579004	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1181298	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1353951	20.000	ng	0.00
86) Perylene-d12	24.724	264	1640185	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						
19) n-Nitroso-di-n-propyla...	8.413	70	27187	2.282	ng	Qvalue 98

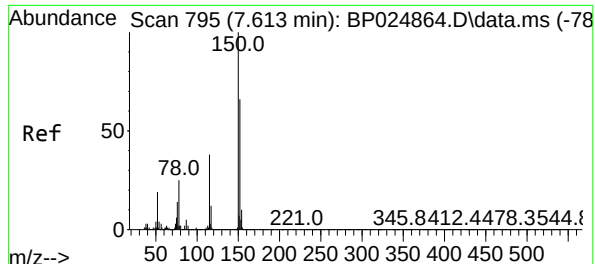
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024860.D
Acq On : 06 Jun 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 06 15:57:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.608 min Scan# 79

Delta R.T. -0.005 min

Lab File: BP024860.D

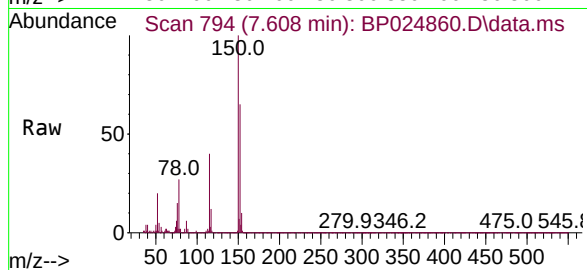
Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



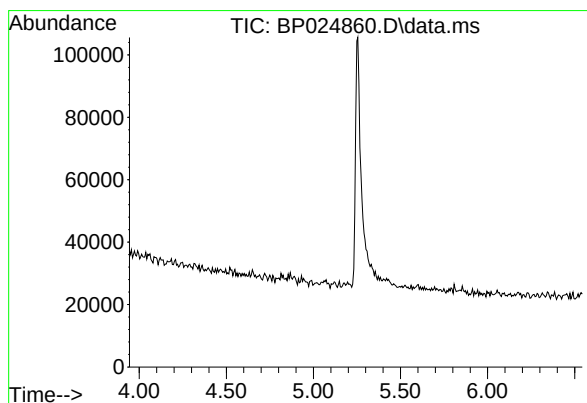
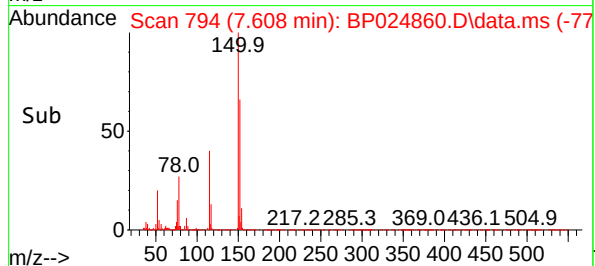
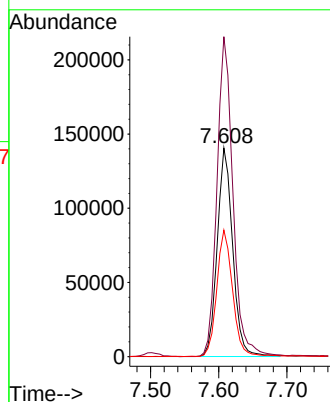
Tgt Ion:152 Resp: 221050

Ion Ratio Lower Upper

152 100

150 153.5 122.1 183.1

115 60.6 46.4 69.6



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.24 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

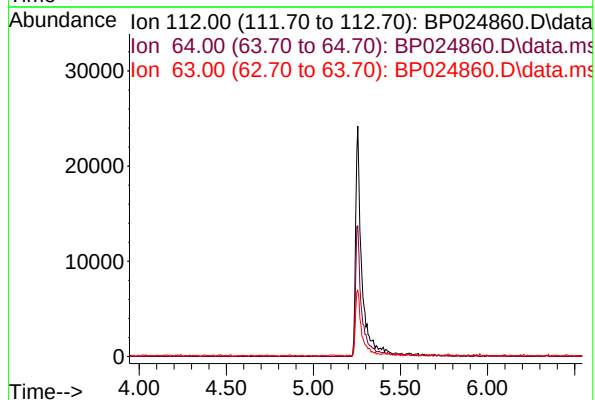
Tgt Ion: 112

Sig Exp Ratio

112 100

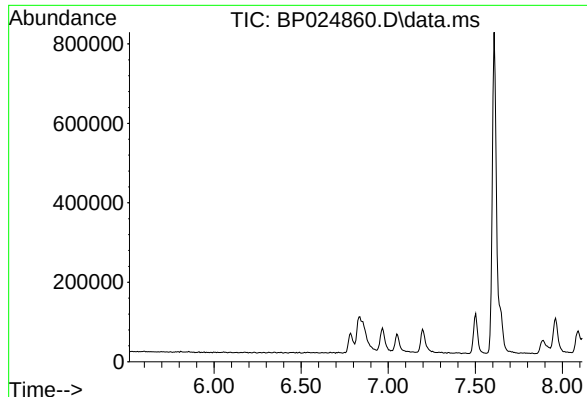
64 55.9

63 29.4



Ion 64.00 (63.70 to 64.70): BP024860.D\data.ms

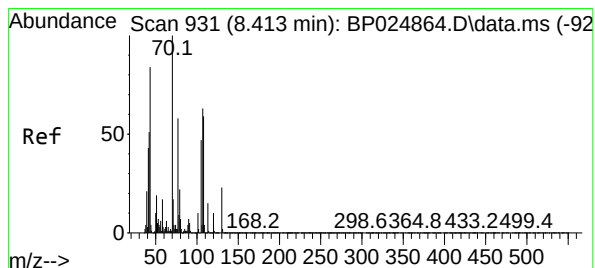
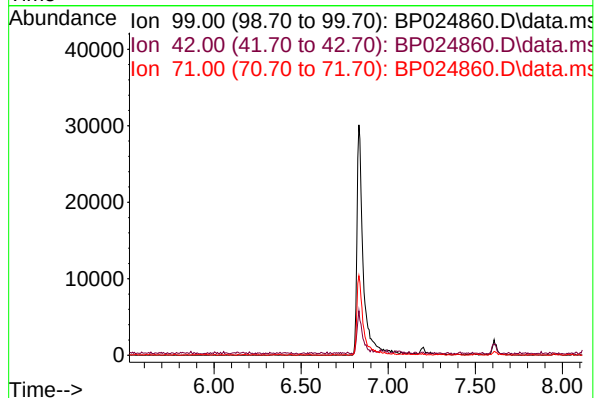
Ion 63.00 (62.70 to 63.70): BP024860.D\data.ms



#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.81 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

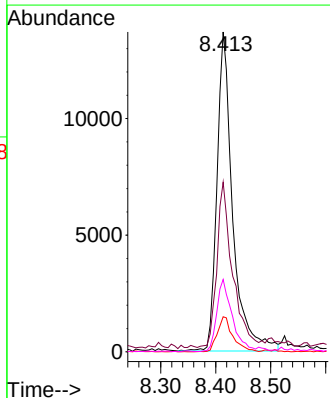
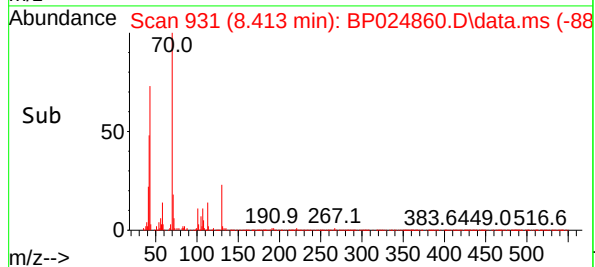
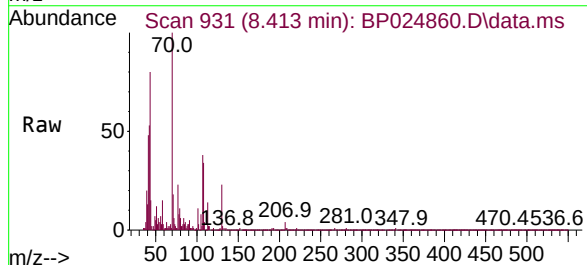
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

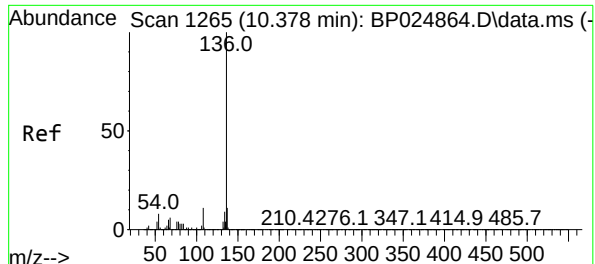
Tgt Ion: 99
Sig Exp Ratio
99 100
42 16.8
71 34.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.282 ng
RT: 8.413 min Scan# 931
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 70 Resp: 27187
Ion Ratio Lower Upper
70 100
42 53.0 41.2 61.8
101 11.0 8.3 12.5
130 22.6 18.3 27.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.378 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 909156

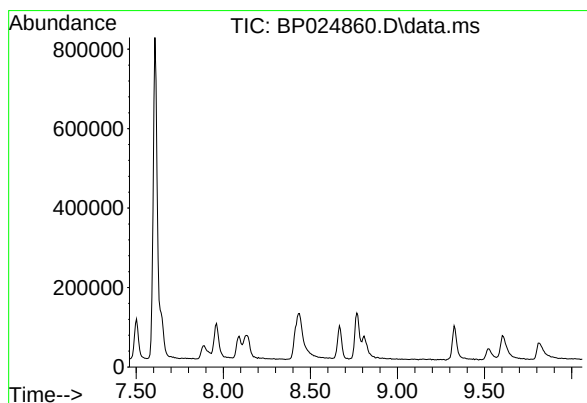
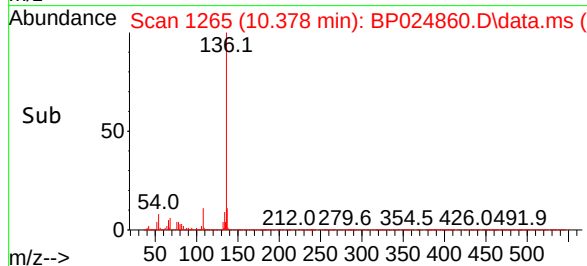
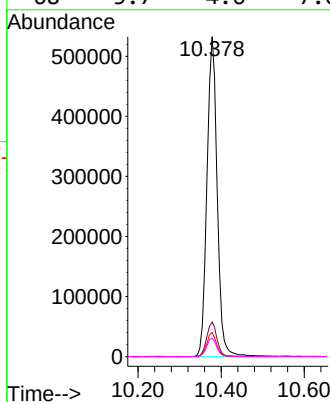
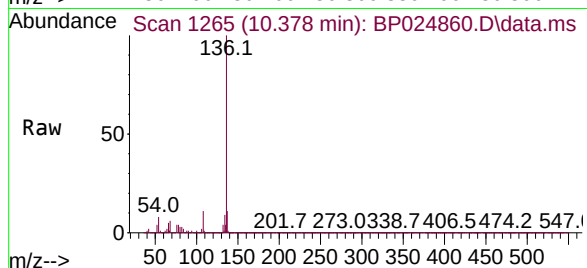
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.1 9.1

68 5.7 4.6 7.0



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.76 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

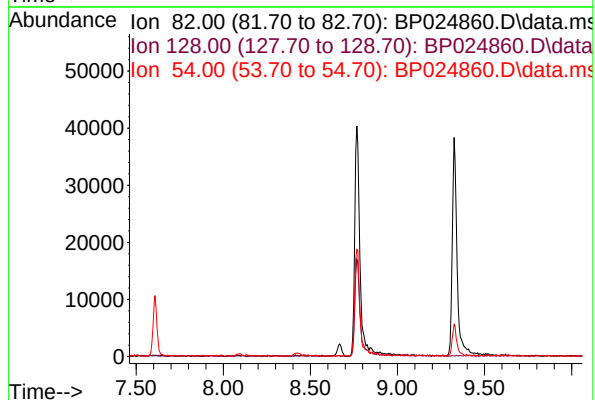
Tgt Ion: 82

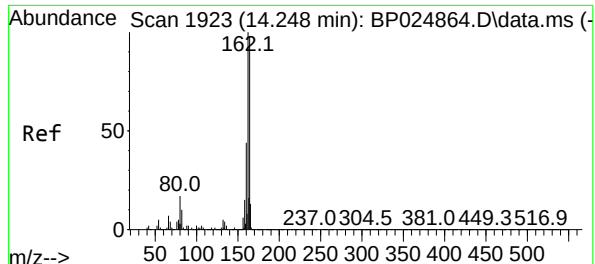
Sig Exp Ratio

82 100

128 44.1

54 46.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 19

Delta R.T. 0.000 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

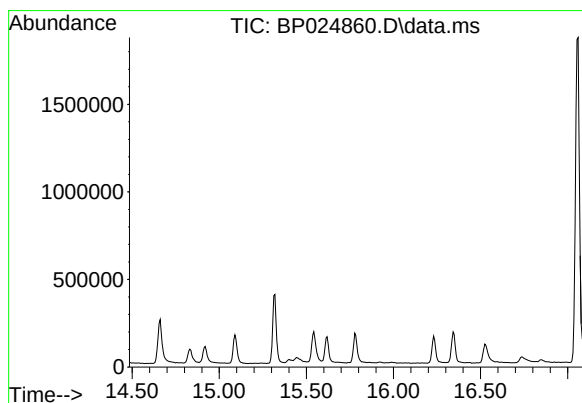
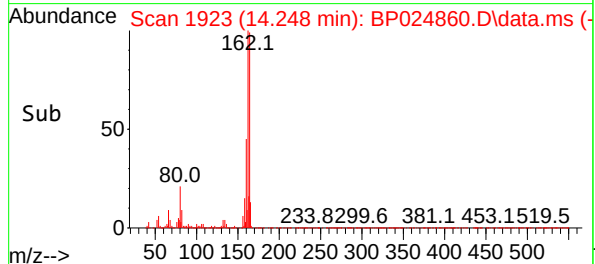
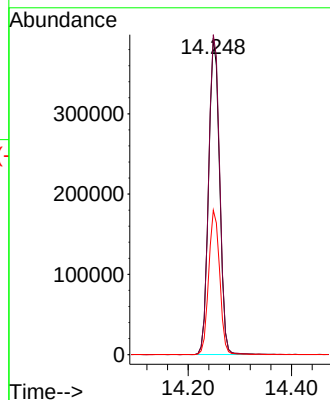
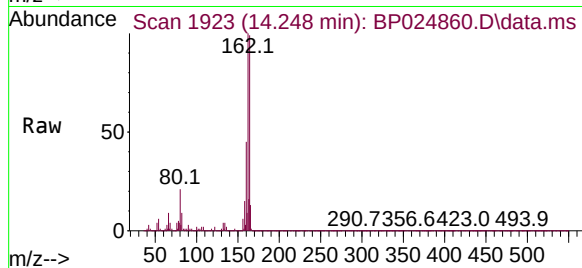
Tgt Ion:164 Resp: 579004

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 45.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.78 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

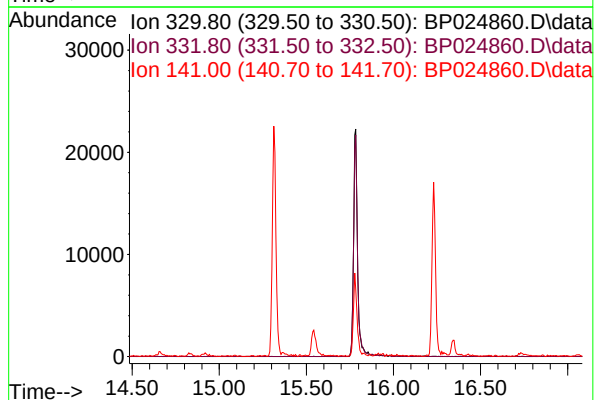
Tgt Ion: 330

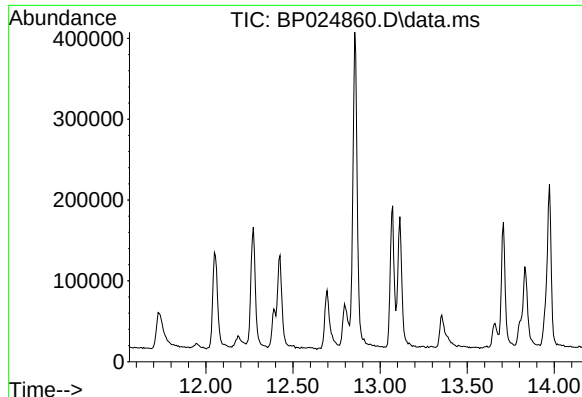
Sig Exp Ratio

330 100

332 97.1

141 33.0

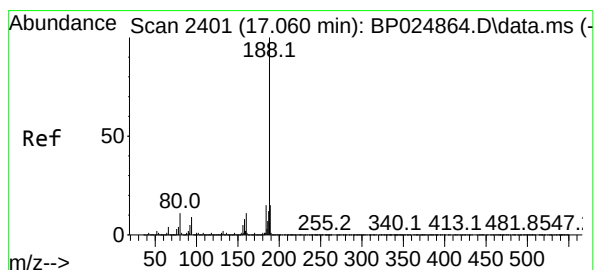
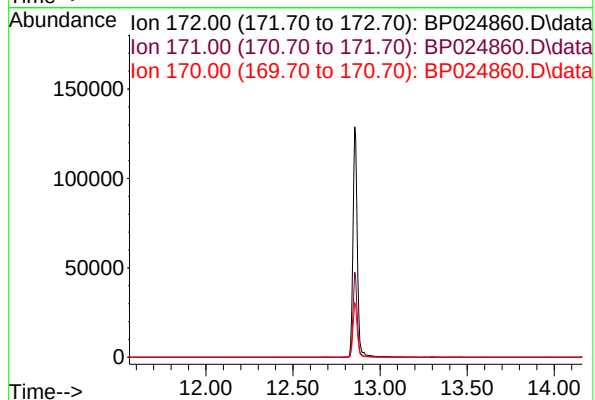




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.86 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

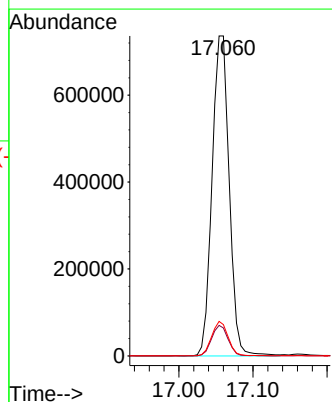
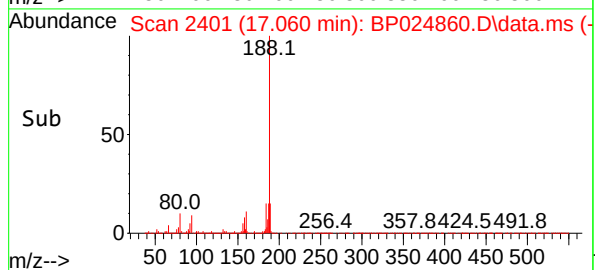
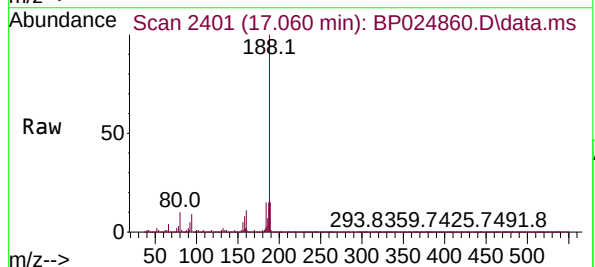
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

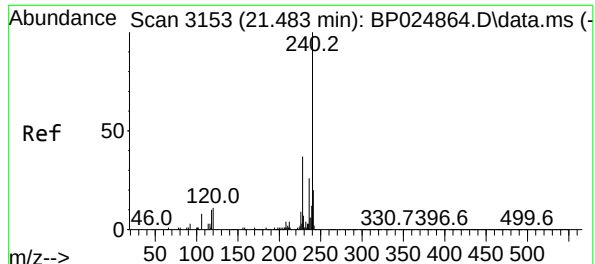
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.4
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 188 Resp: 1181298
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.8 8.5 12.7

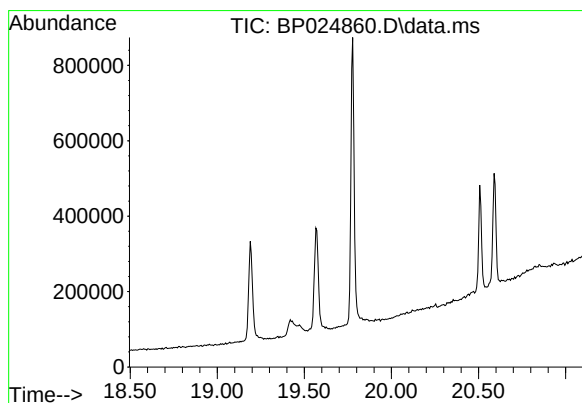
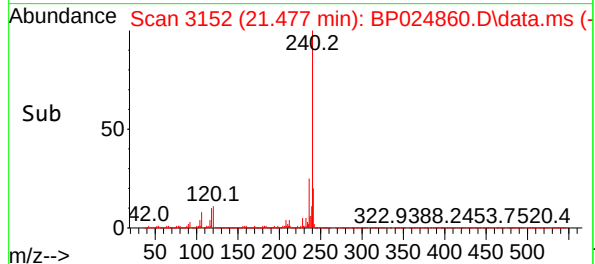
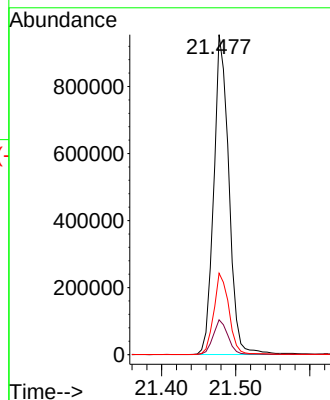
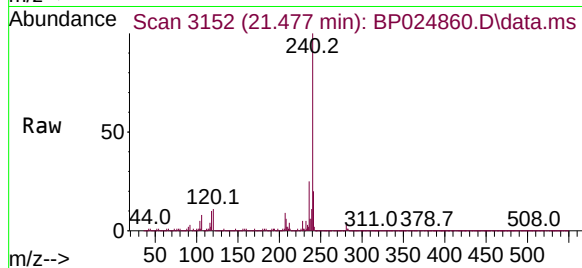




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

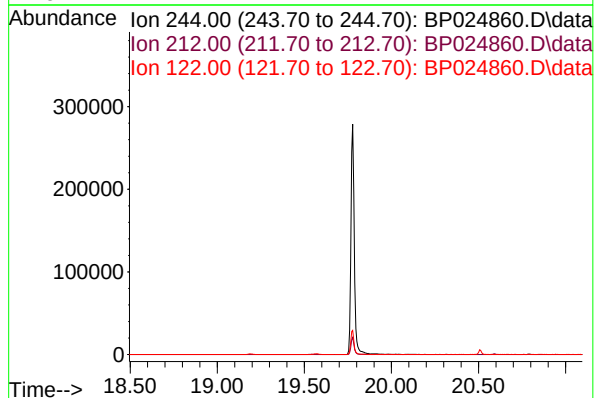
Tgt Ion: 240 Resp: 1353951
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.4 20.9 31.3

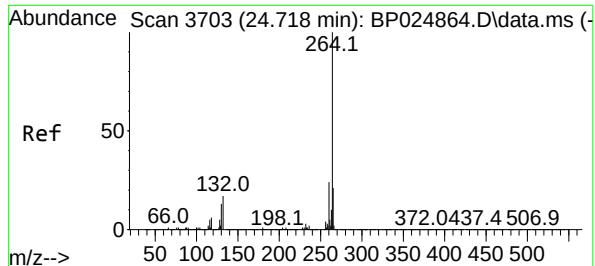


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.80 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.0
122 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.724 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024860.D

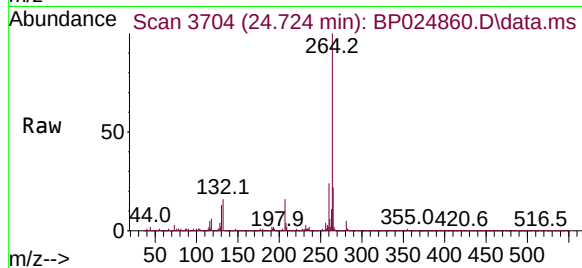
Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



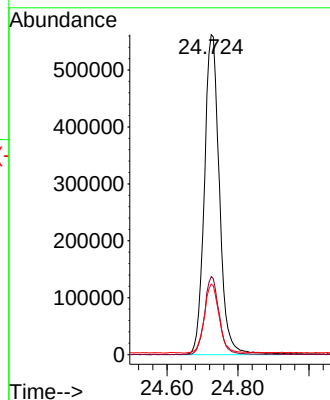
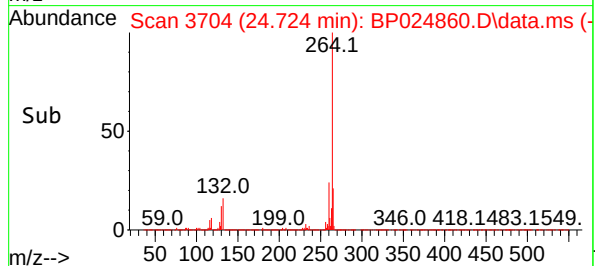
Tgt Ion:264 Resp: 1640185

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 22.0 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024861.D
 Acq On : 06 Jun 2025 11:11
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:58:26 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 15:53:04 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	200188	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	863187	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	567242	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1134887	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1194011	20.000	ng	0.00
86) Perylene-d12	24.724	264	1376894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	112787	9.404	ng	0.00
7) Phenol-d6	6.831	99	150891	9.509	ng	0.02
23) Nitrobenzene-d5	8.760	82	175740	9.893	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	72727	9.274	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	437483	10.390	ng	0.00
79) Terphenyl-d14	19.778	244	703502	10.560	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	28220	5.348	ng	99
3) Pyridine	3.590	79	57580	4.537	ng	90
6) Aniline	6.961	93	95932	4.737	ng	99
8) 2-Chlorophenol	7.196	128	66850	4.917	ng	98
10) Phenol	6.855	94	78090	4.774	ng	96
11) bis(2-Chloroethyl)ether	7.049	93	61139	4.752	ng	97
12) 1,3-Dichlorobenzene	7.502	146	78560	5.180	ng	99
13) 1,4-Dichlorobenzene	7.643	146	79892	5.221	ng	99
14) 1,2-Dichlorobenzene	7.960	146	76524	5.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.137	45	87492	5.196	ng	93
17) 2-Methylphenol	8.084	107	52716	4.615	ng	98
18) Hexachloroethane	8.672	117	29571	5.132	ng	94
19) n-Nitroso-di-n-propyla...	8.413	70	55096	5.108	ng	97
22) Acetophenone	8.437	105	109271	5.010	ng	96
24) Nitrobenzene	8.808	77	79033	5.008	ng	96
25) Isophorone	9.325	82	151837	4.932	ng	99
26) 2-Nitrophenol	9.519	139	33214	4.266	ng	94
27) 2,4-Dimethylphenol	9.596	122	63419	4.759	ng	94
28) bis(2-Chloroethoxy)met...	9.807	93	89295	4.862	ng	96
29) 2,4-Dichlorophenol	10.090	162	53164	4.158	ng	95
30) 1,2,4-Trichlorobenzene	10.249	180	72373	5.018	ng	99
31) Naphthalene	10.425	128	231024	5.223	ng	98
33) 4-Chloroaniline	10.572	127	85657	4.622	ng	99
34) Hexachlorobutadiene	10.707	225	43845	5.044	ng	98
36) 4-Chloro-3-methylphenol	11.719	107	67386	4.569	ng	99
37) 2-Methylnaphthalene	12.049	142	142250	5.070	ng	98
38) 1-Methylnaphthalene	12.266	142	155333	5.178	ng	97
40) 1,2,4,5-Tetrachloroben...	12.425	216	80613	5.008	ng	99
43) 2,4,6-Trichlorophenol	12.690	196	48501	4.487	ng	97
44) 2,4,5-Trichlorophenol	12.796	196	49421	4.269	ng	97
46) 1,1'-Biphenyl	13.072	154	209483	5.082	ng	96
47) 2-Chloronaphthalene	13.113	162	159251	5.026	ng	99
48) 2-Nitroaniline	13.348	65	40981	4.207	ng	99
49) Acenaphthylene	13.972	152	266639	5.047	ng	99
50) Dimethylphthalate	13.713	163	214893	5.136	ng	99
51) 2,6-Dinitrotoluene	13.831	165	42335	4.693	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024861.D
 Acq On : 06 Jun 2025 11:11
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:58:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.313	154	156832	5.181	ng	96
53) 3-Nitroaniline	14.190	138	37288	3.983	ng #	90
55) Dibenzofuran	14.660	168	257371	5.297	ng	100
57) 2,4-Dinitrotoluene	14.648	165	55352	4.387	ng #	87
58) Fluorene	15.319	166	203802	5.192	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	48686m	4.699	ng	
60) Diethylphthalate	15.090	149	212883	5.105	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	100846	5.254	ng	97
62) 4-Nitroaniline	15.378	138	33952m	3.998	ng	
63) Azobenzene	15.619	77	190856	4.990	ng	99
66) n-Nitrosodiphenylamine	15.537	169	177845	5.056	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	63678	4.973	ng	99
68) Hexachlorobenzene	16.342	284	78966	5.087	ng	96
69) Atrazine	16.519	200	60321	4.730	ng	98
71) Phenanthrene	17.095	178	328431	5.237	ng	99
72) Anthracene	17.195	178	320305	5.043	ng	99
73) Carbazole	17.489	167	290344	4.932	ng	100
74) Di-n-butylphthalate	18.060	149	334086	4.580	ng	99
75) Fluoranthene	19.183	202	368810	5.074	ng	99
78) Pyrene	19.560	202	389995	5.228	ng	99
80) Butylbenzylphthalate	20.513	149	151685	4.439	ng	99
81) Benzo(a)anthracene	21.460	228	391774	5.130	ng	99
83) Chrysene	21.525	228	373726	5.165	ng	98
84) Bis(2-ethylhexyl)phtha...	21.389	149	213559	4.362	ng	98
87) Indeno(1,2,3-cd)pyrene	28.418	276	491160	4.889	ng #	94
88) Benzo(b)fluoranthene	23.707	252	379596	4.817	ng	98
89) Benzo(k)fluoranthene	23.777	252	400877	4.998	ng	99
90) Benzo(a)pyrene	24.571	252	377184	4.901	ng	100
91) Dibenzo(a,h)anthracene	28.471	278	396286	4.846	ng	99
92) Benzo(g,h,i)perylene	29.559	276	403533	4.974	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024861.D
 Acq On : 06 Jun 2025 11:11
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

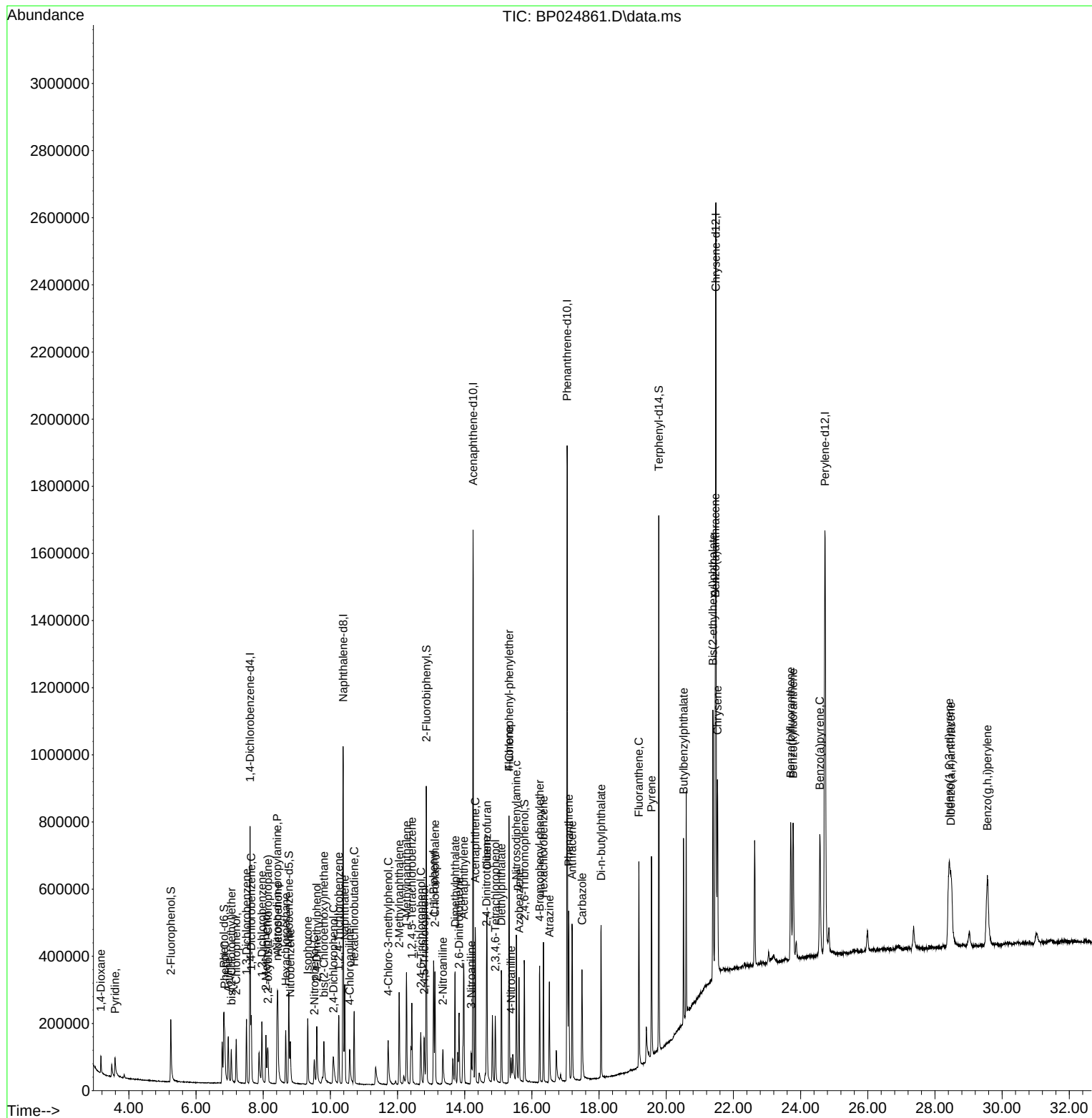
Quant Time: Jun 06 15:58:26 2025

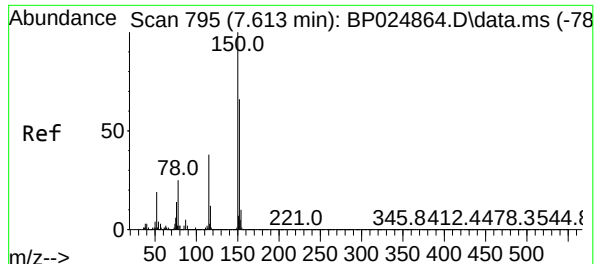
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 15:53:04 2025

Response via : Initial Calibration





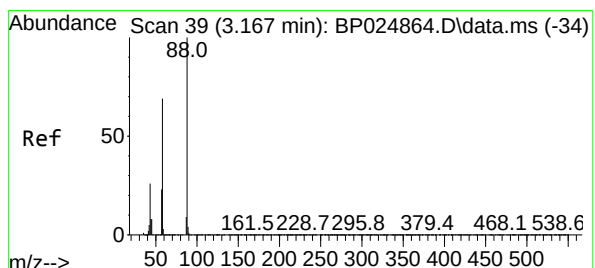
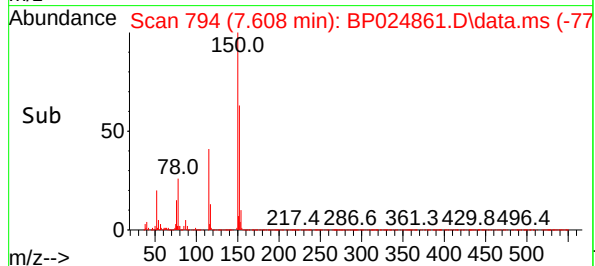
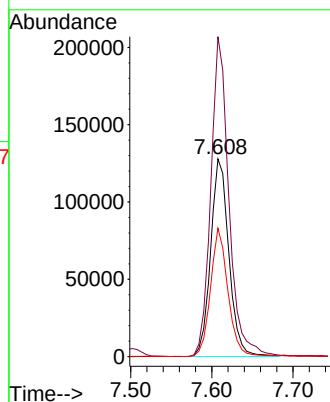
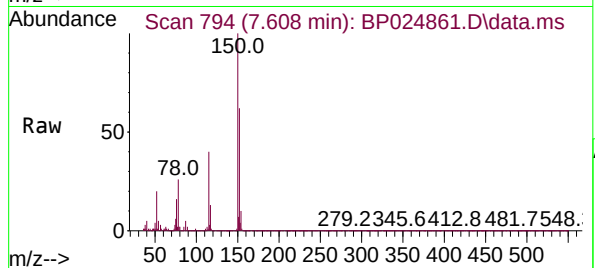
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 152 Resp: 200188
Ion Ratio Lower Upper
152 100
150 161.9 122.1 183.1
115 64.9 46.4 69.6

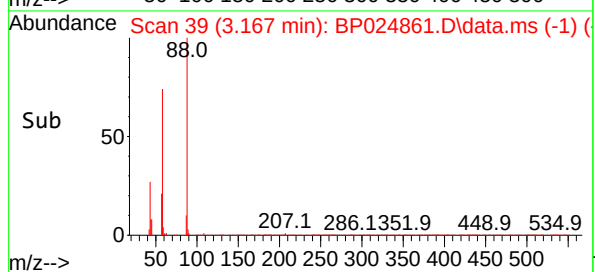
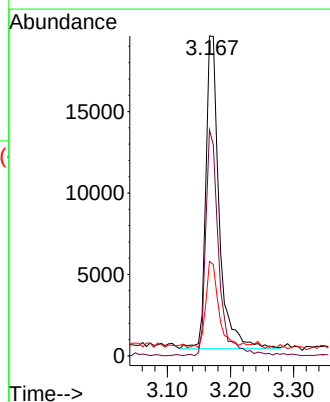
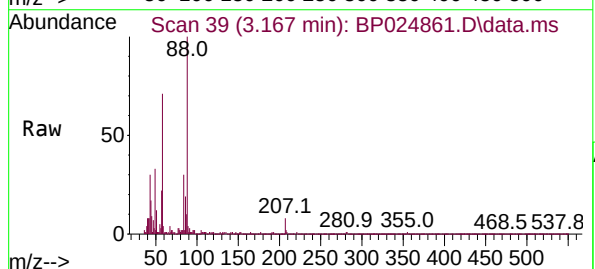
Manual Integrations
APPROVED

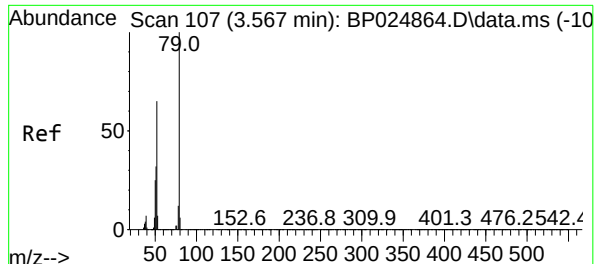
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 5.348 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 88 Resp: 28220
Ion Ratio Lower Upper
88 100
58 70.2 55.4 83.0
43 25.7 20.8 31.2





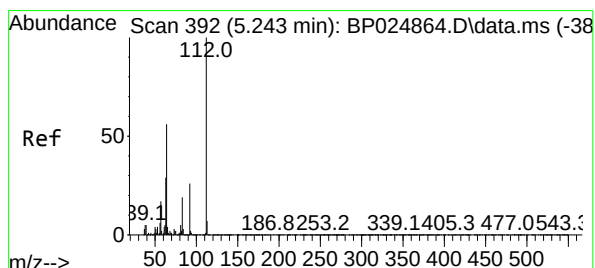
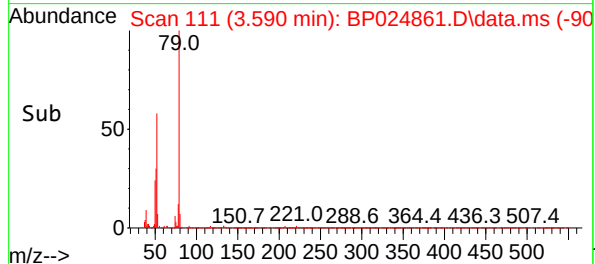
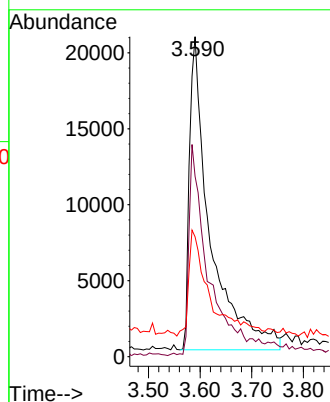
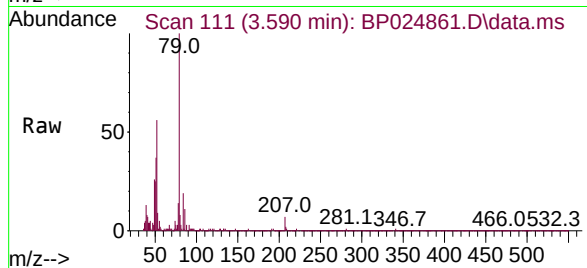
#3
Pyridine
Concen: 4.537 ng
RT: 3.590 min Scan# 111
Delta R.T. 0.024 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 57586
Ion Ratio Lower Upper
79 100
52 56.3 51.6 77.4
51 37.4 25.5 38.3

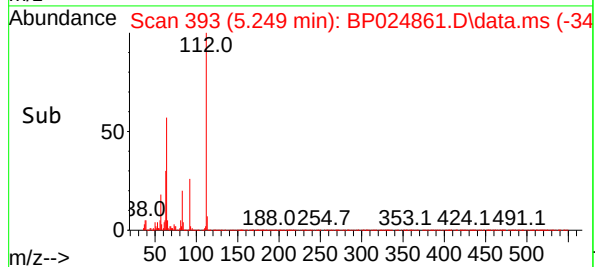
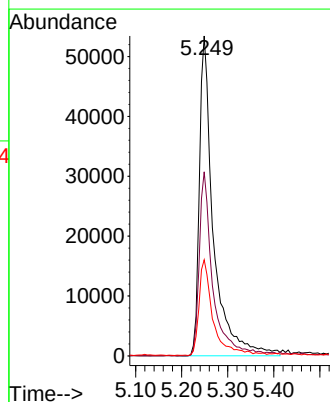
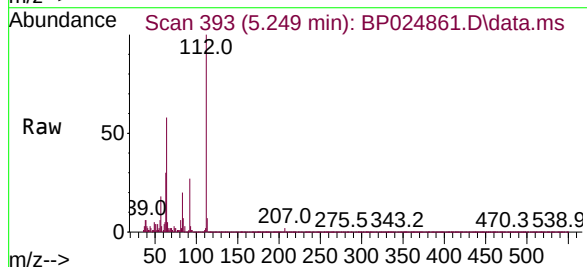
Manual Integrations
APPROVED

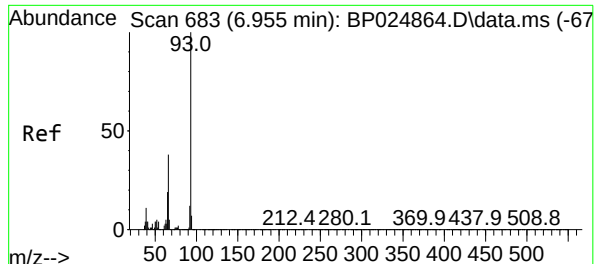
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#5
2-Fluorophenol
Concen: 9.404 ng
RT: 5.249 min Scan# 393
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

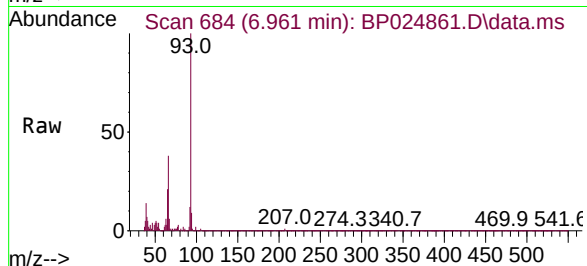
Tgt Ion:112 Resp: 112787
Ion Ratio Lower Upper
112 100
64 57.5 44.7 67.1
63 30.0 23.5 35.3





#6
Aniline
Concen: 4.737 ng
RT: 6.961 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

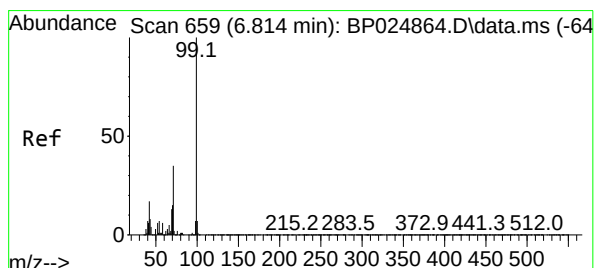
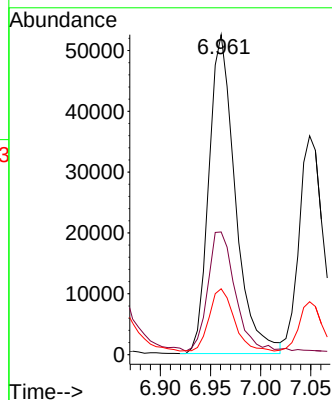
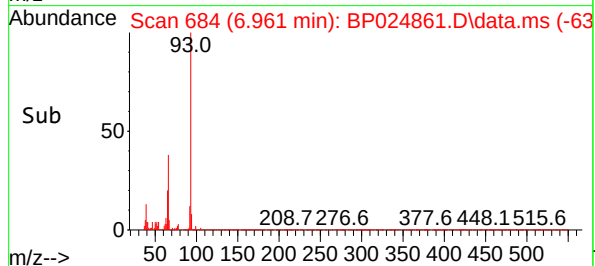
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 93 Resp: 95932
Ion Ratio Lower Upper
93 100
66 38.3 30.9 46.3
65 20.6 15.5 23.3

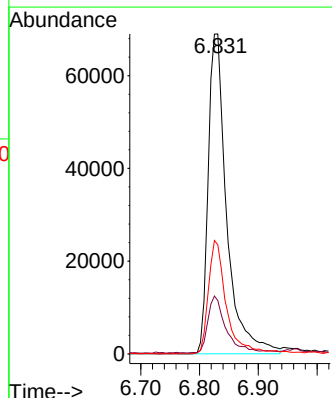
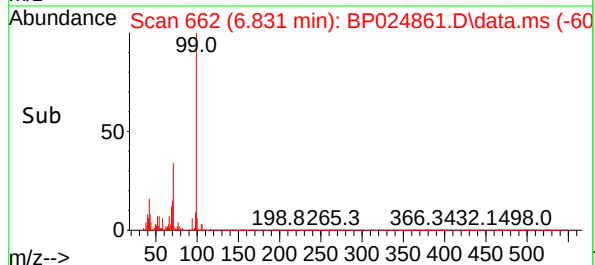
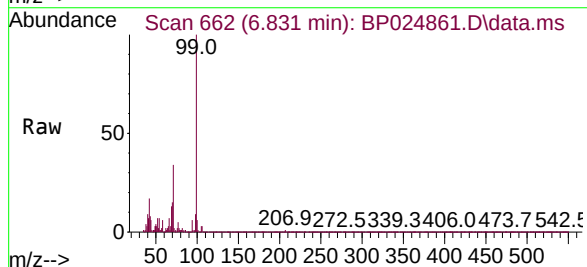
Manual Integrations
APPROVED

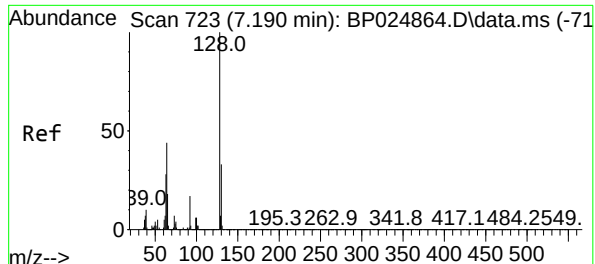
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#7
Phenol-d6
Concen: 9.509 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 99 Resp: 150891
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 34.1 27.6 41.4





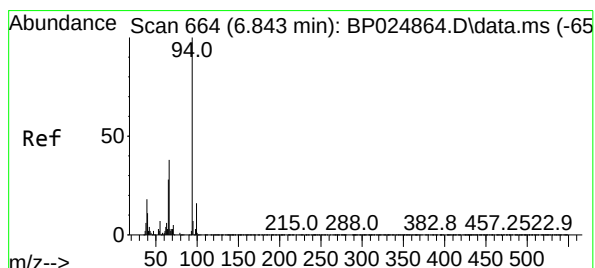
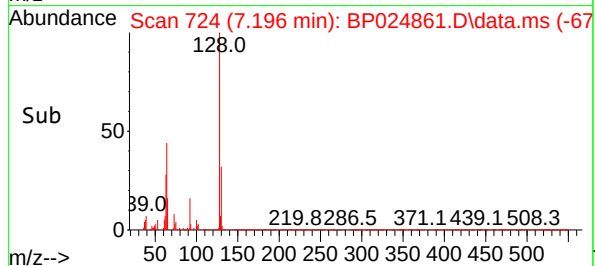
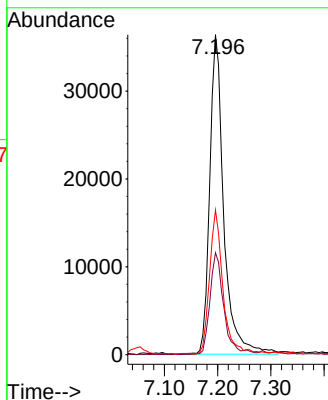
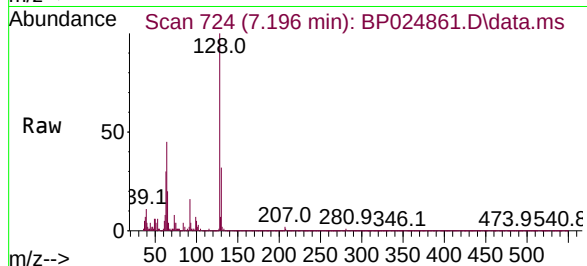
#8
2-Chlorophenol
Concen: 4.917 ng
RT: 7.196 min Scan# 723
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 66850
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 45.2 24.1 64.1

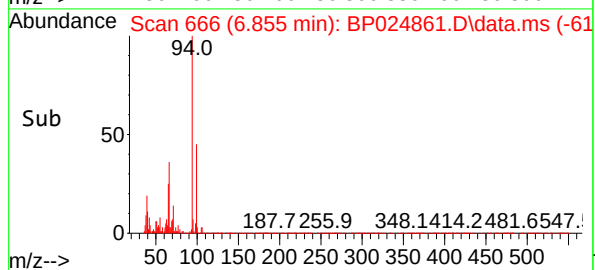
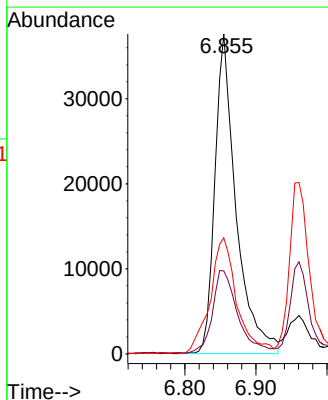
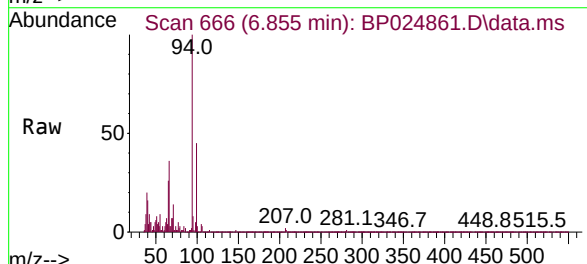
Manual Integrations
APPROVED

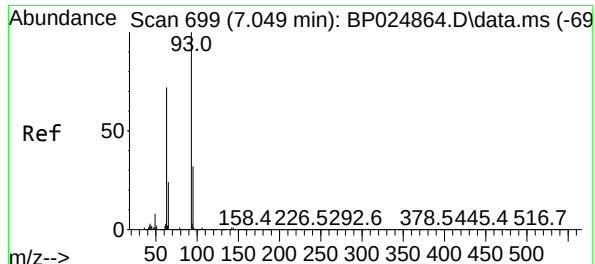
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 4.774 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 94 Resp: 78090
Ion Ratio Lower Upper
94 100
65 25.9 8.3 48.3
66 36.3 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 4.752 ng

RT: 7.049 min Scan# 699

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

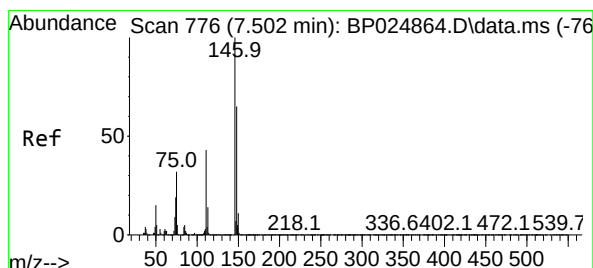
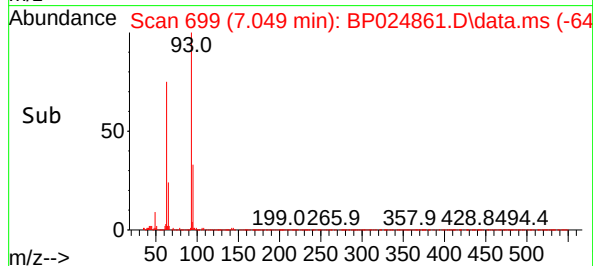
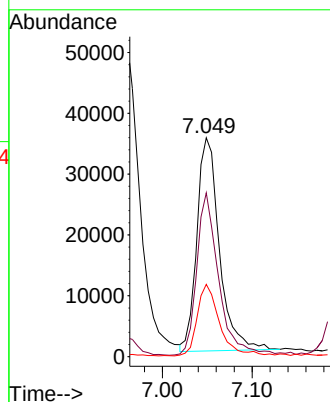
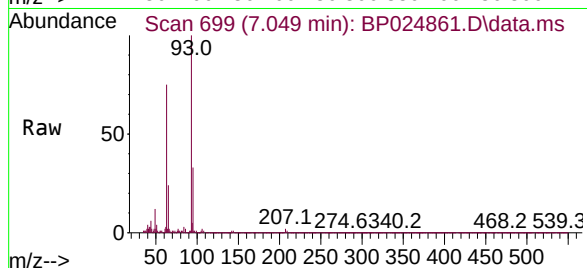
SSTDICC005

Tgt Ion:	93	Resp:	61139
Ion	Ratio	Lower	Upper
93	100		
63	74.9	51.6	91.6
95	33.0	12.1	52.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#12

1,3-Dichlorobenzene

Concen: 5.180 ng

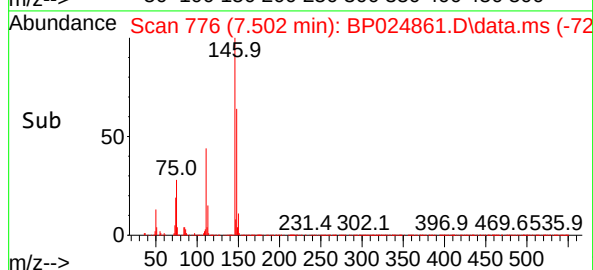
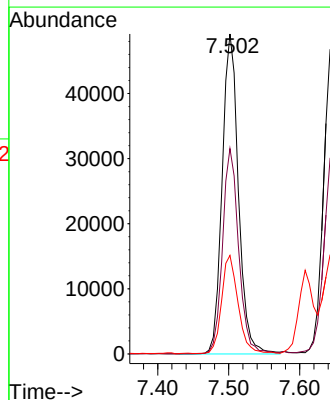
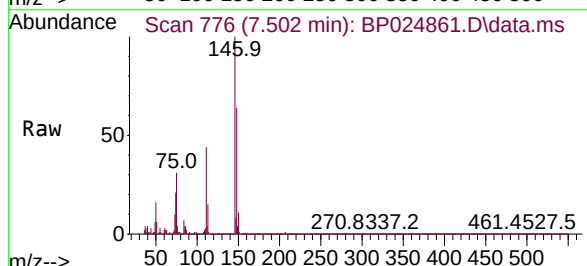
RT: 7.502 min Scan# 776

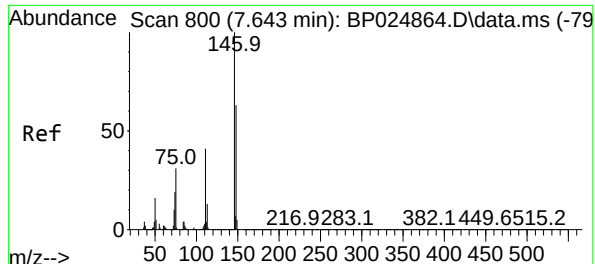
Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	146	Resp:	78560
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.8	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 5.221 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

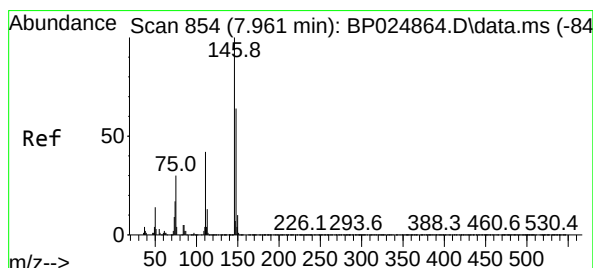
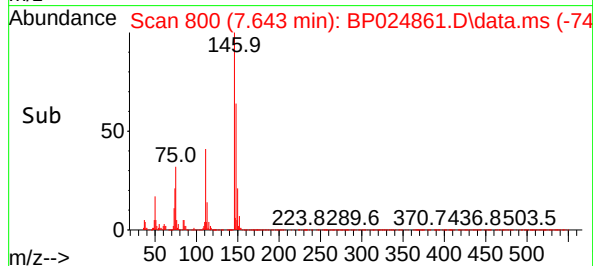
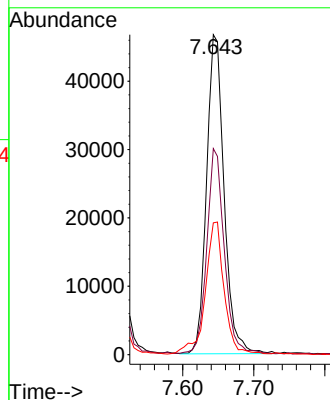
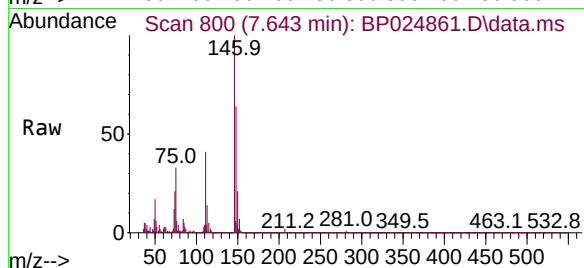
SSTDICC005

Tgt Ion:	146	Resp:	79892
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	41.2	32.7	49.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 5.092 ng

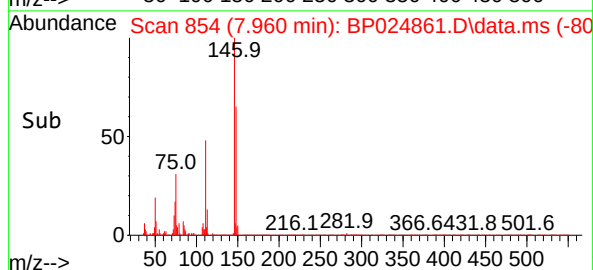
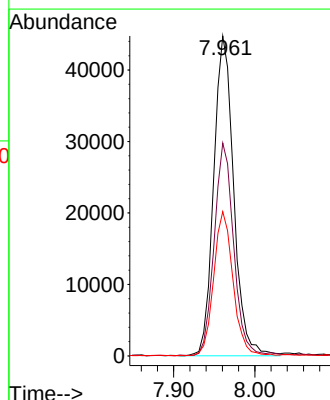
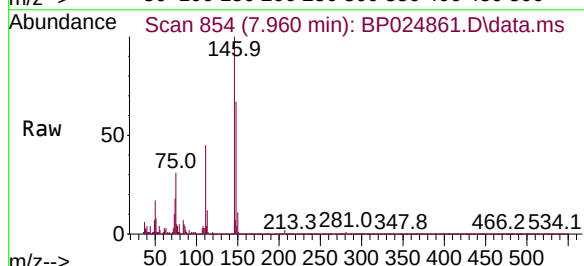
RT: 7.960 min Scan# 854

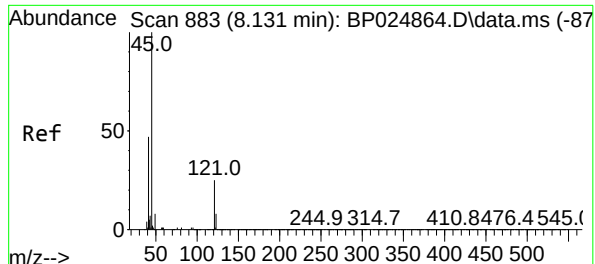
Delta R.T. -0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	146	Resp:	76524
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.0	76.4
111	45.1	33.8	50.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.196 ng
RT: 8.137 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

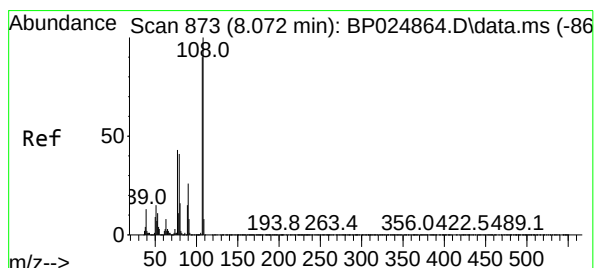
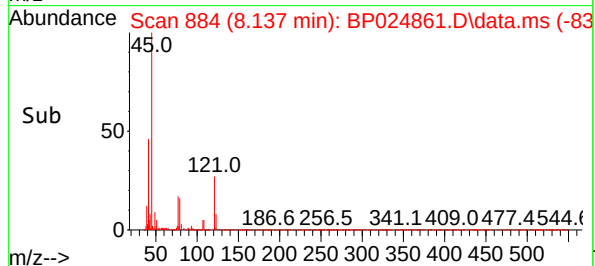
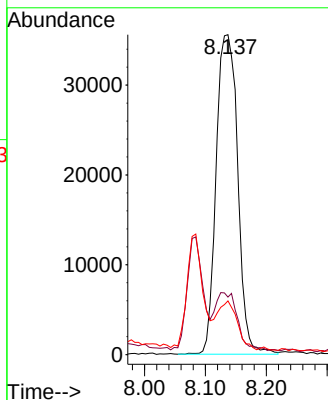
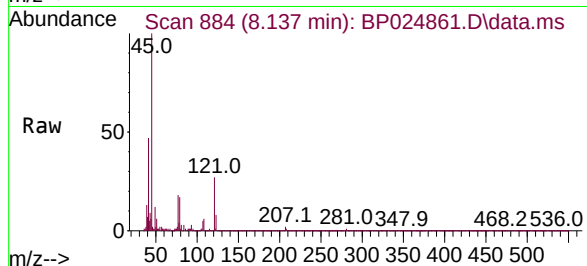
ClientSampleId :

SSTDICC005

Tgt Ion:	45	Resp:	87492
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	36.3
79	16.8	0.0	32.2

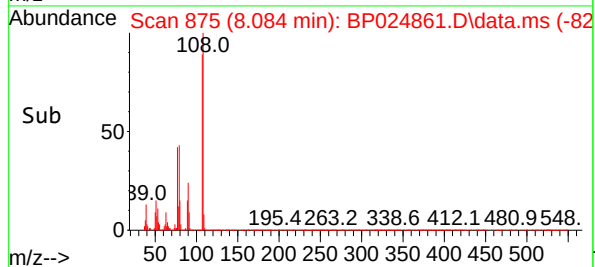
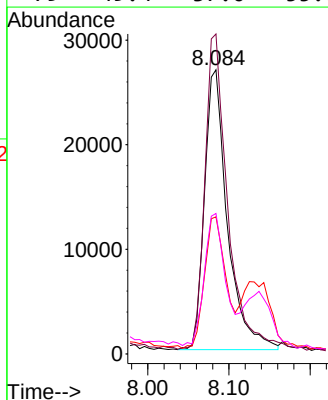
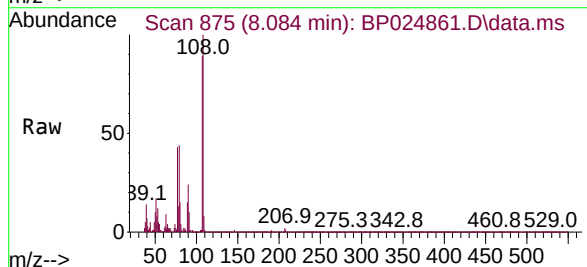
Manual Integrations
APPROVED

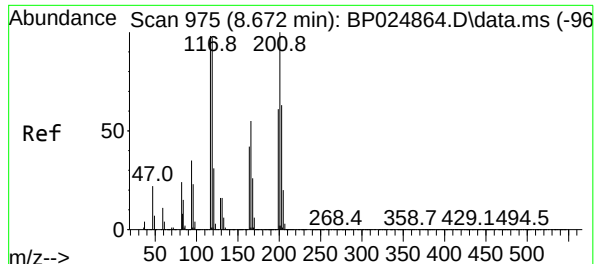
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#17
2-Methylphenol
Concen: 4.615 ng
RT: 8.084 min Scan# 875
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:	107	Resp:	52716
Ion Ratio	Lower	Upper	
107	100		
108	112.6	88.6	132.8
77	48.3	38.5	57.7
79	49.4	37.0	55.6





#18

Hexachloroethane

Concen: 5.132 ng

RT: 8.672 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

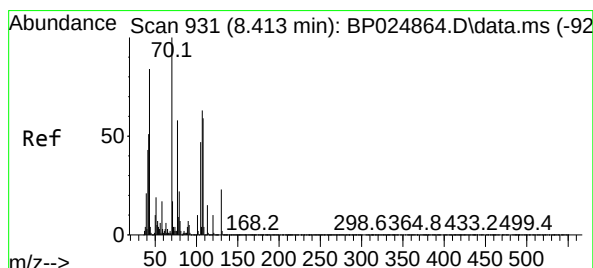
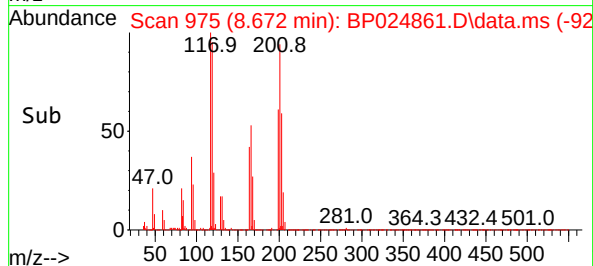
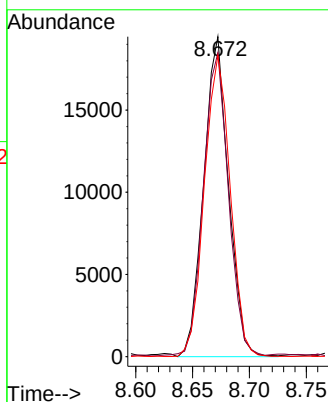
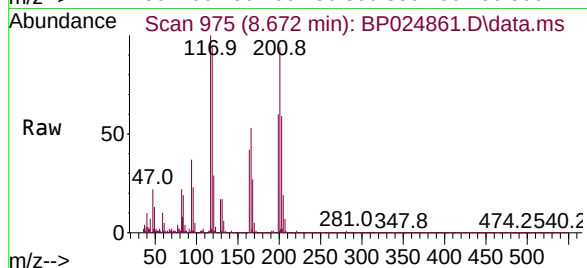
SSTDICC005

Tgt Ion:	117	Resp:	2957
Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.4	119.2
201	94.1	81.4	122.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#19

n-Nitroso-di-n-propylamine

Concen: 5.108 ng

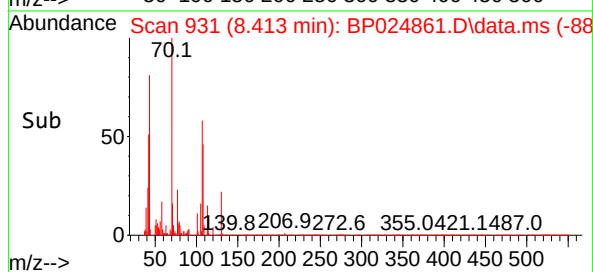
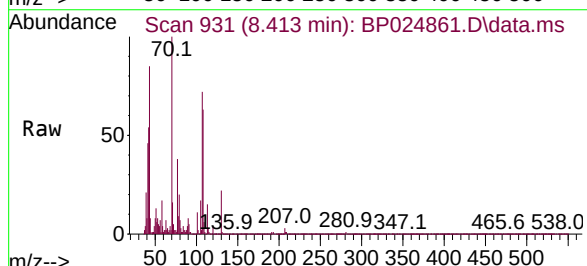
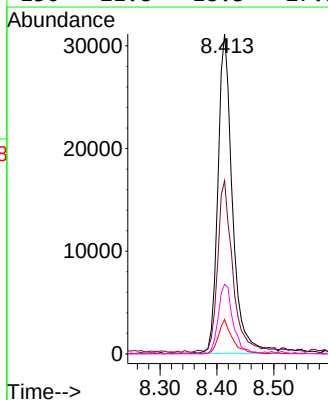
RT: 8.413 min Scan# 931

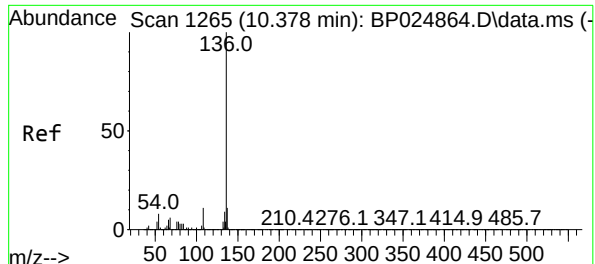
Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	70	Resp:	55096
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.2	61.8
101	10.8	8.3	12.5
130	21.8	18.3	27.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

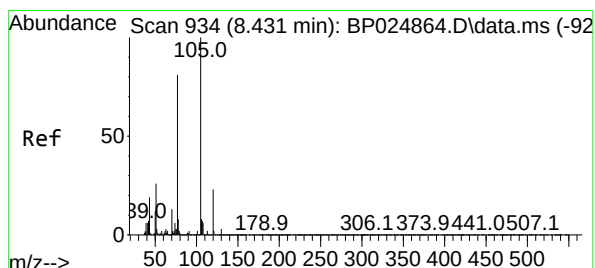
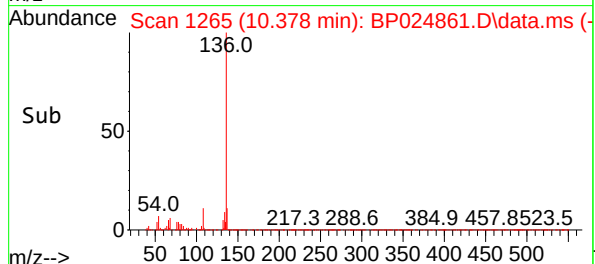
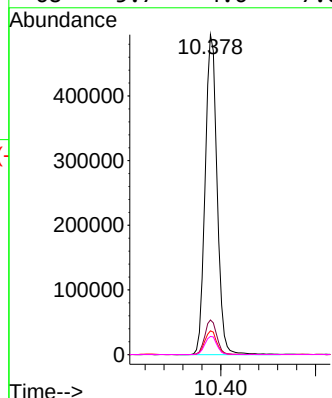
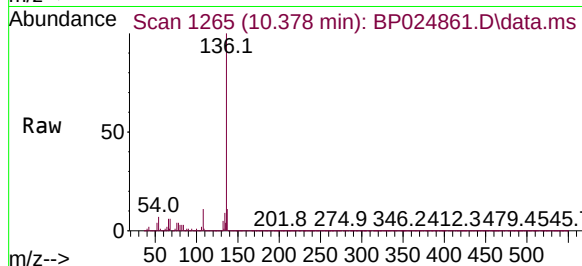
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.1	9.1
68	5.7	4.6	7.0

Manual Integrations
APPROVED

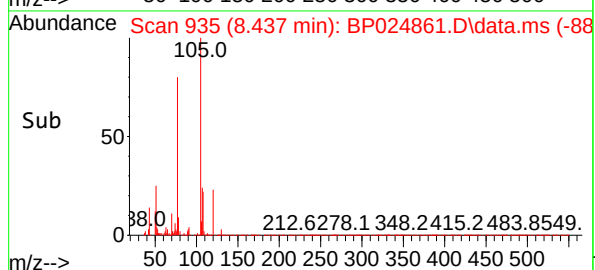
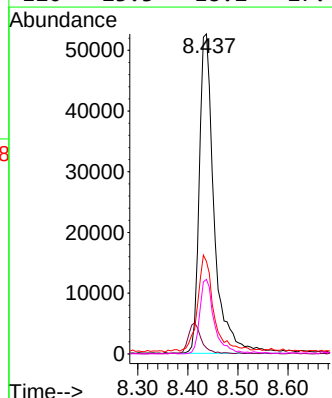
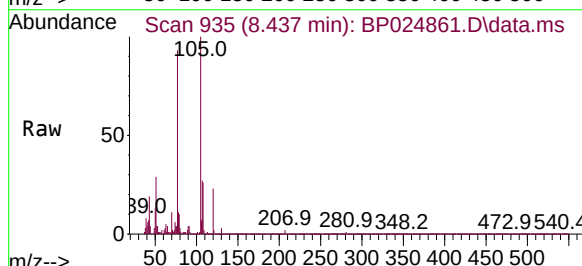
Reviewed By :Rahul Chavli 06/09/2025

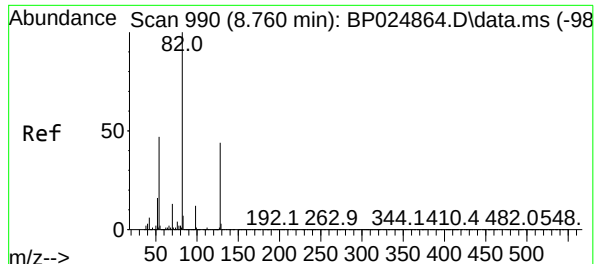
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 5.010 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.6	2.4
51	28.9	20.6	31.0
120	23.3	18.2	27.4





#23

Nitrobenzene-d5

Concen: 9.893 ng

RT: 8.760 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

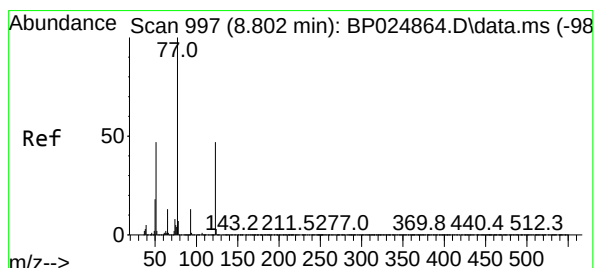
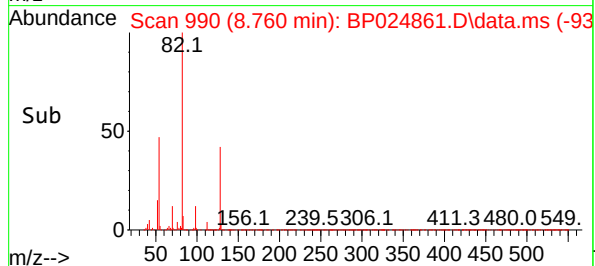
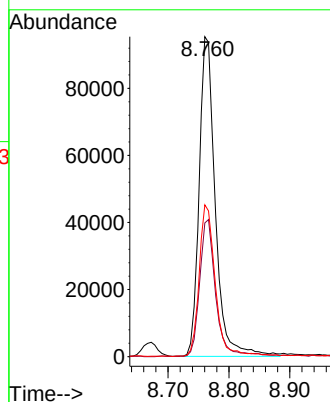
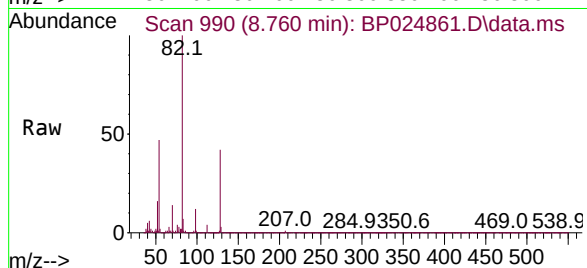
SSTDICC005

Tgt Ion:	82	Resp:	175740
Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.3	52.9
54	47.4	37.4	56.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 5.008 ng

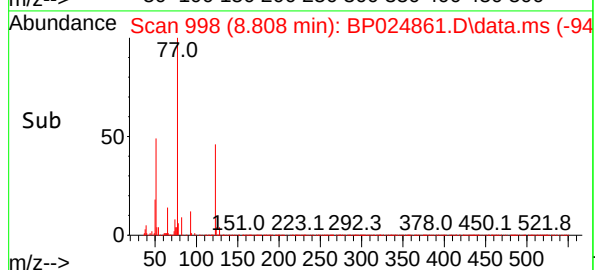
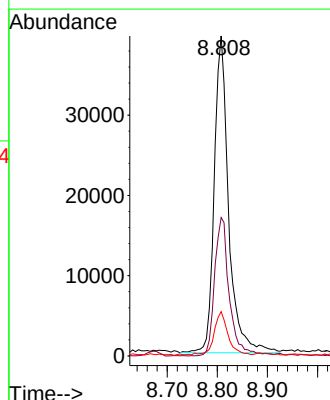
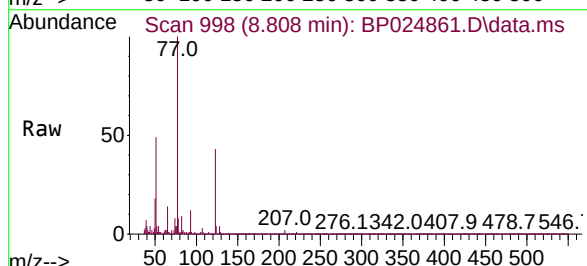
RT: 8.808 min Scan# 998

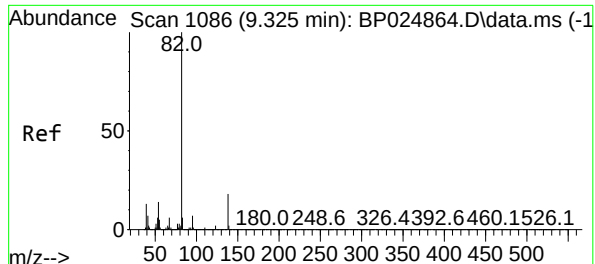
Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	77	Resp:	79033
Ion	Ratio	Lower	Upper
77	100		
123	43.2	37.3	55.9
65	13.8	10.8	16.2





#25

Isophorone

Concen: 4.932 ng

RT: 9.325 min Scan# 1086

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

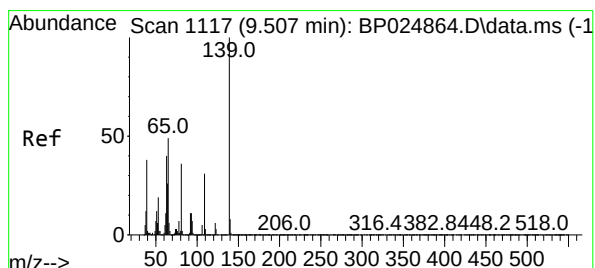
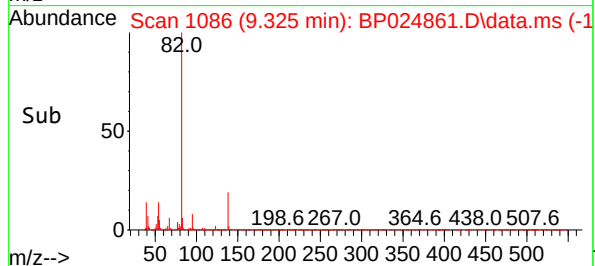
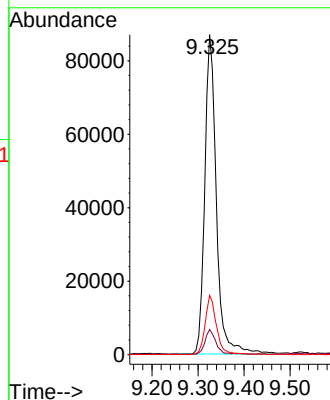
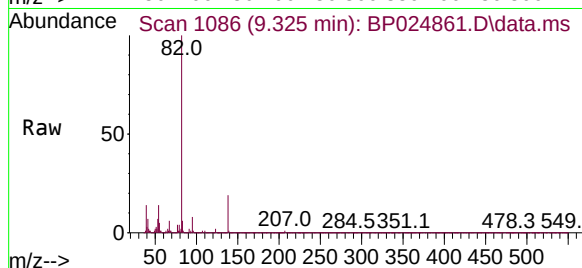
SSTDICC005

Tgt Ion:	82	Resp:	15183
Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.9	8.9
138	18.5	14.6	21.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#26

2-Nitrophenol

Concen: 4.266 ng

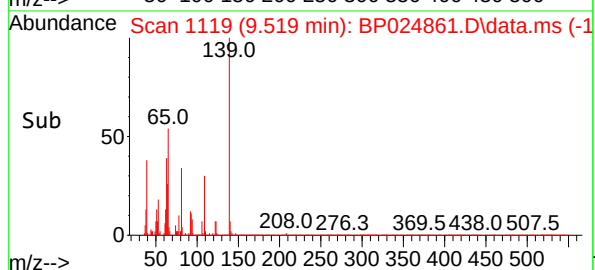
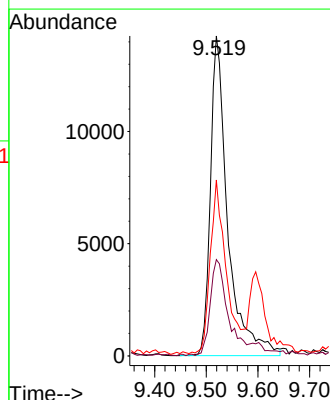
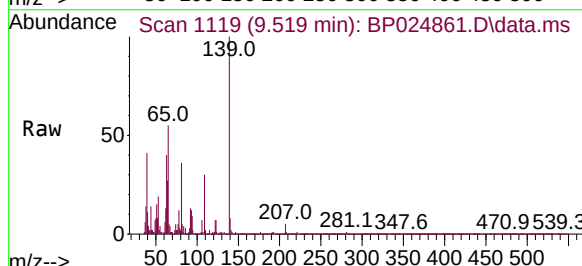
RT: 9.519 min Scan# 1119

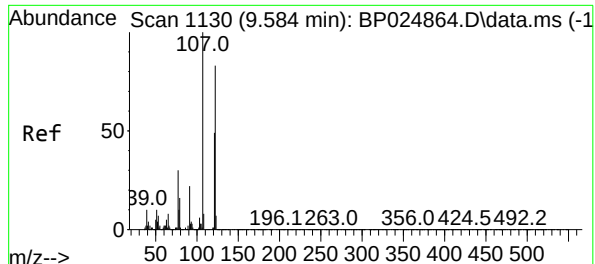
Delta R.T. 0.012 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	139	Resp:	33214
Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	37.0
65	55.0	39.5	59.3





#27

2,4-Dimethylphenol

Concen: 4.759 ng

RT: 9.596 min Scan# 1132

Delta R.T. 0.012 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

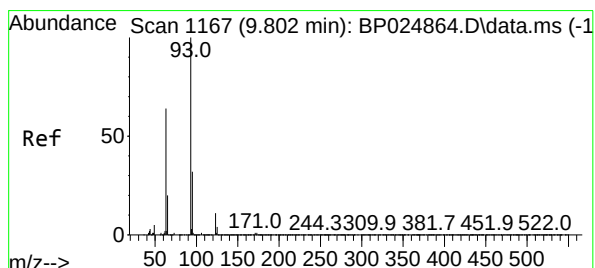
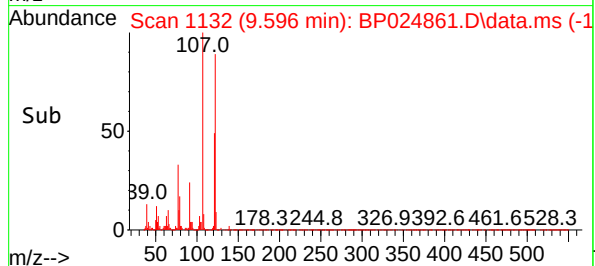
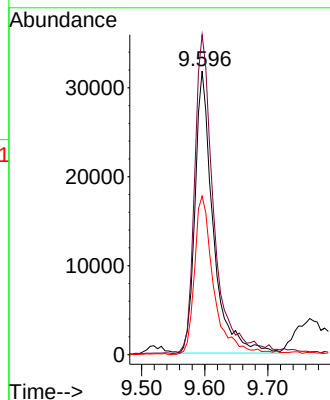
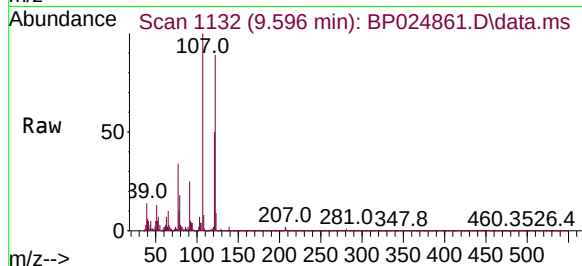
Tgt Ion:	122	Resp:	63419
Ion	Ratio	Lower	Upper
122	100		
107	112.8	96.2	144.4
121	55.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.862 ng

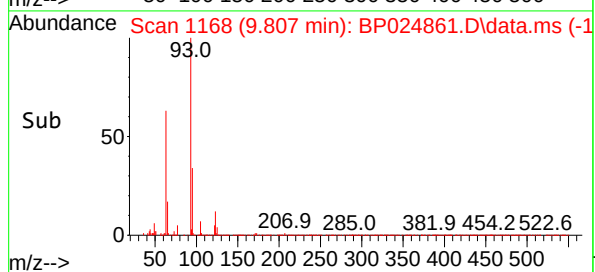
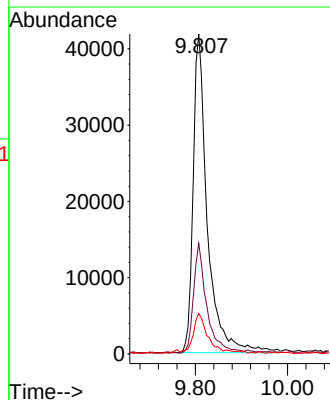
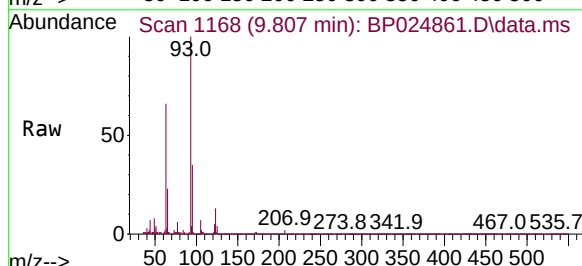
RT: 9.807 min Scan# 1168

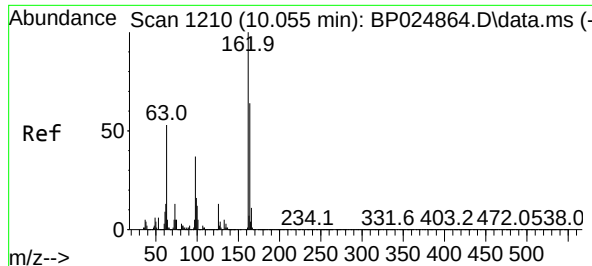
Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	93	Resp:	89295
Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.5	38.3
123	12.6	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 4.158 ng
RT: 10.090 min Scan# 1216
Delta R.T. 0.035 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

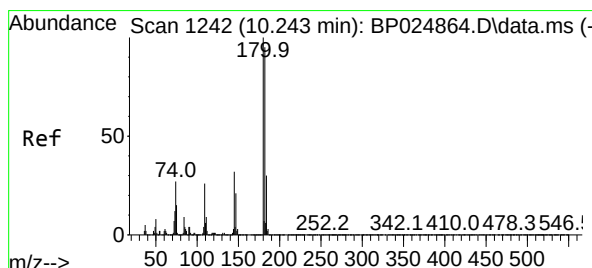
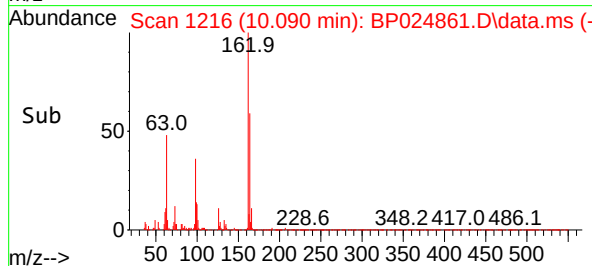
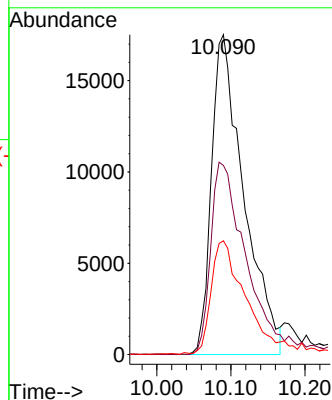
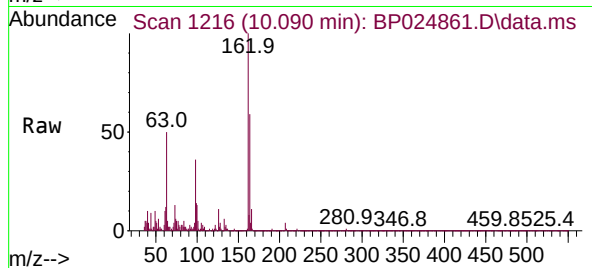
ClientSampleId :

SSTDICC005

Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.1	44.0	84.0
98	35.6	16.9	56.9

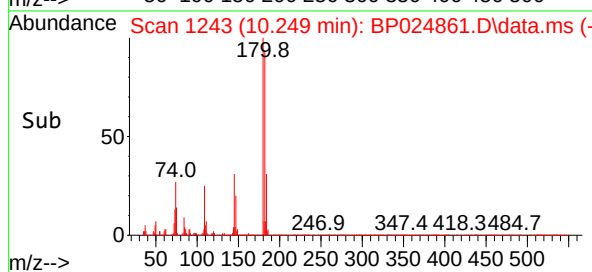
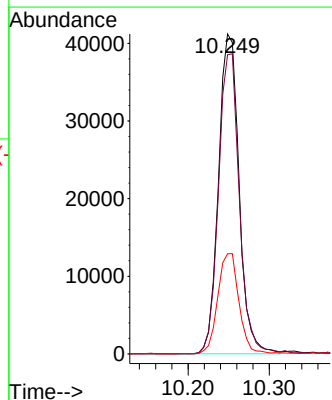
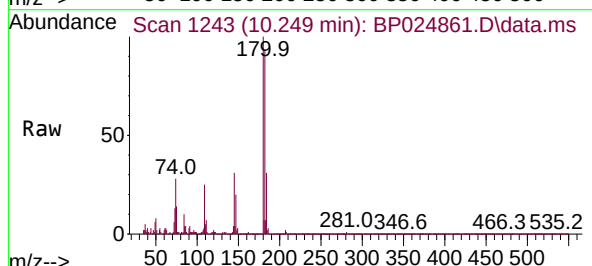
Manual Integrations
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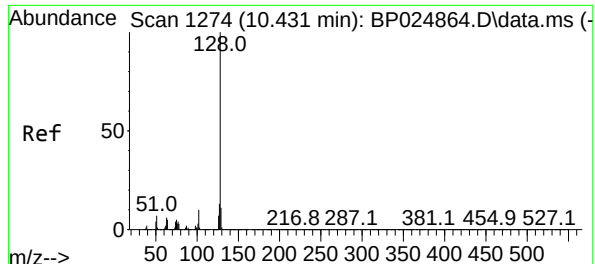
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 5.018 ng
RT: 10.249 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	31.3	25.7	38.5





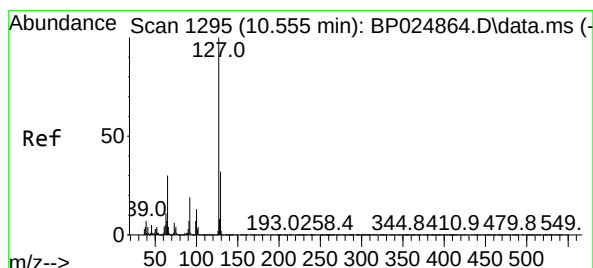
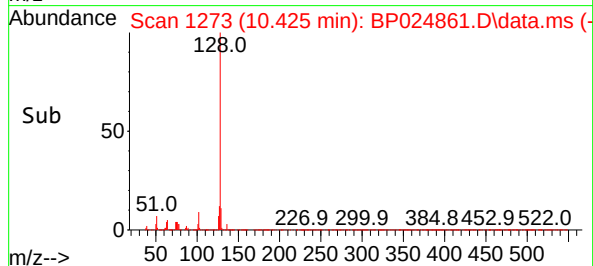
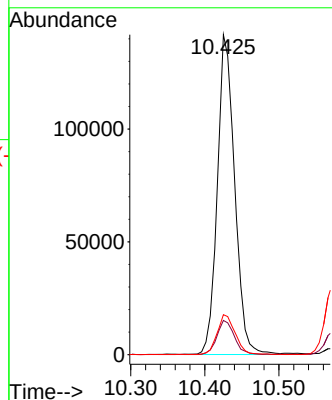
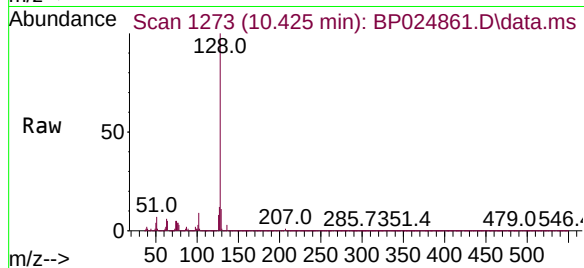
#31
Naphthalene
Concen: 5.223 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 231024
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.5 10.7 16.1

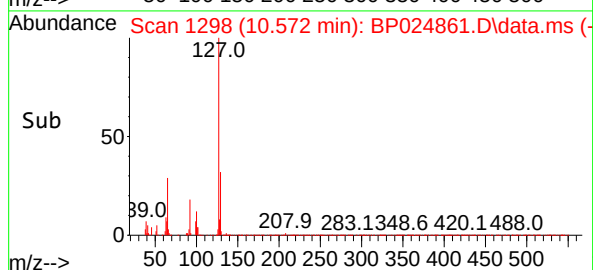
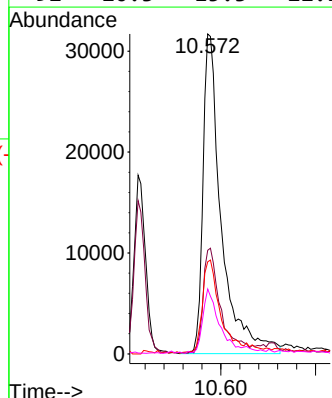
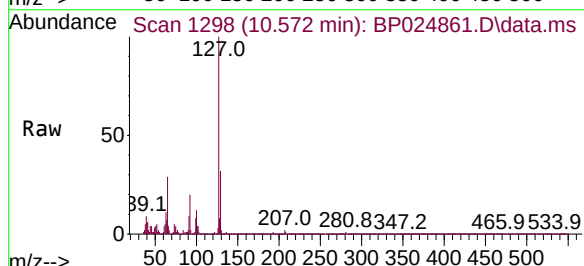
Manual Integrations
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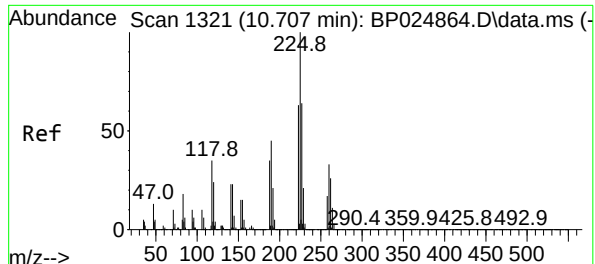
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#33
4-Chloroaniline
Concen: 4.622 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:127 Resp: 85657
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 28.8 23.9 35.9
92 20.3 15.3 22.9





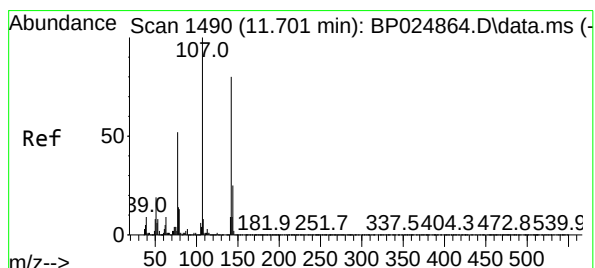
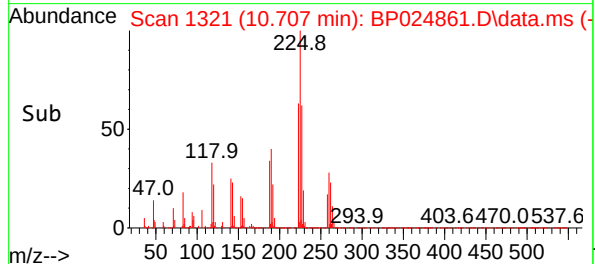
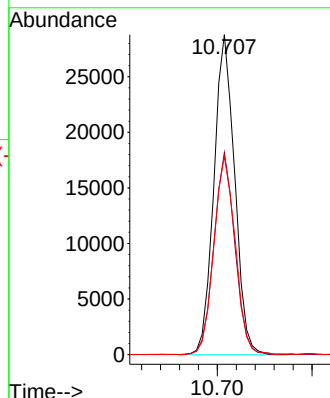
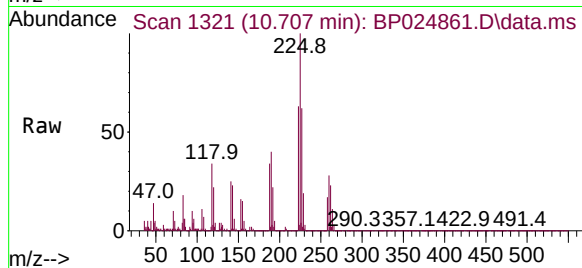
#34
Hexachlorobutadiene
Concen: 5.044 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 225 Resp: 43845
Ion Ratio Lower Upper
225 100
223 63.2 50.5 75.7
227 62.0 51.4 77.2

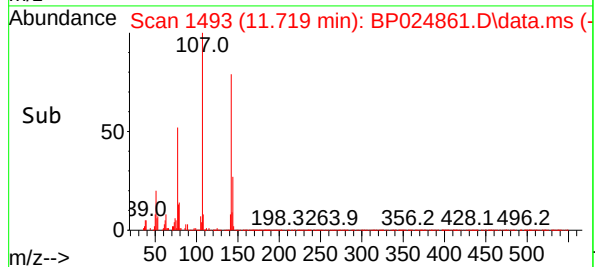
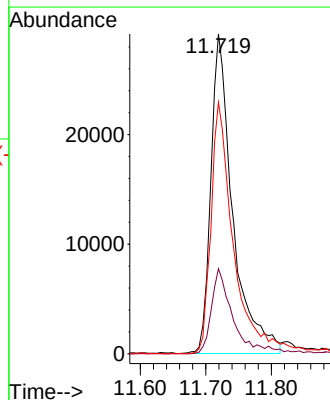
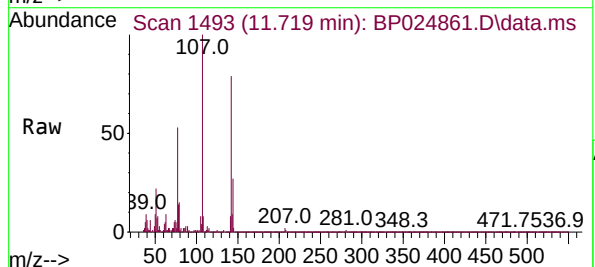
Manual Integrations
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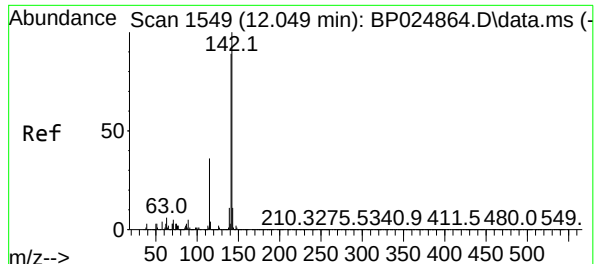
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 4.569 ng
RT: 11.719 min Scan# 1493
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 107 Resp: 67386
Ion Ratio Lower Upper
107 100
144 26.6 20.4 30.6
142 78.6 63.8 95.6





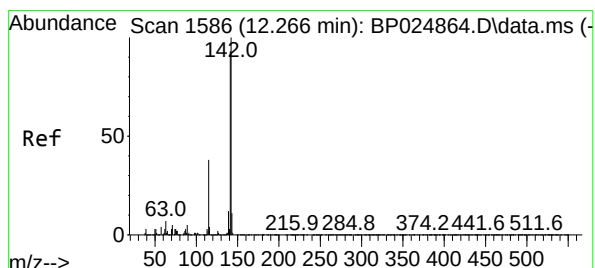
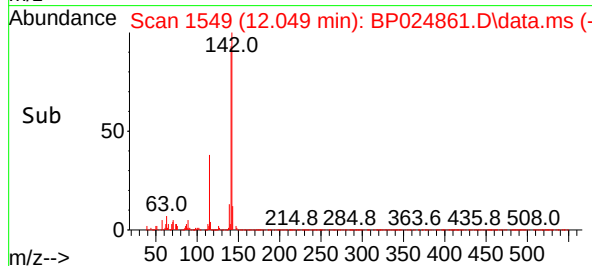
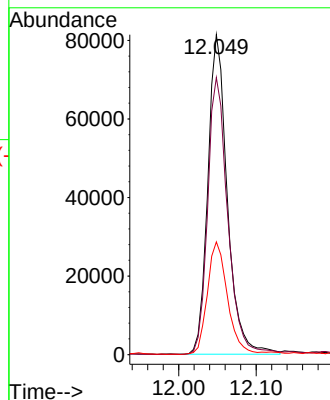
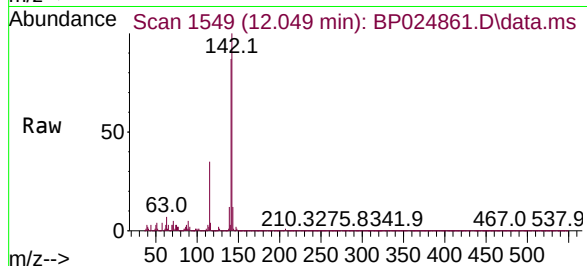
#37
2-Methylnaphthalene
Concen: 5.070 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 142250
Ion Ratio Lower Upper
142 100
141 86.6 71.2 106.8
115 35.2 28.5 42.7

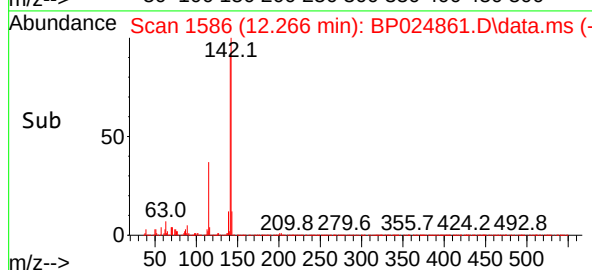
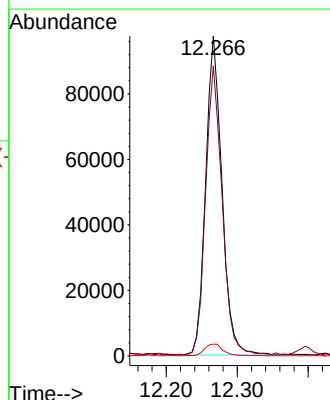
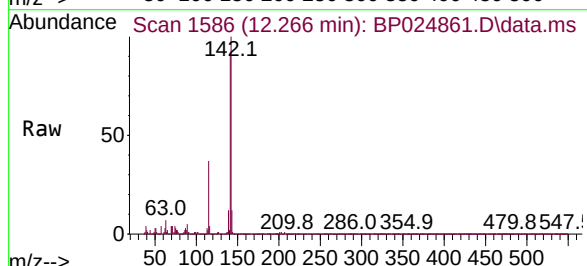
Manual Integrations
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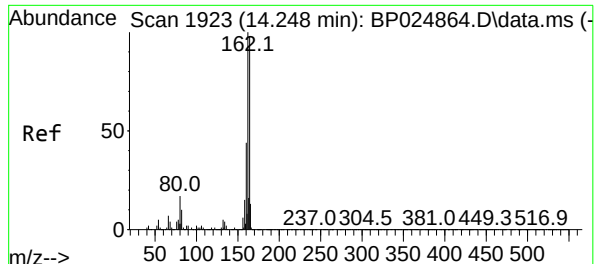
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#38
1-Methylnaphthalene
Concen: 5.178 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:142 Resp: 155333
Ion Ratio Lower Upper
142 100
141 90.6 74.7 112.1
116 3.7 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 56724

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

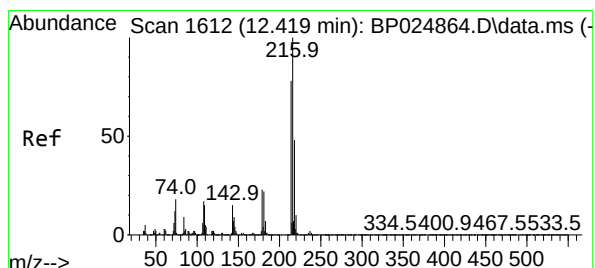
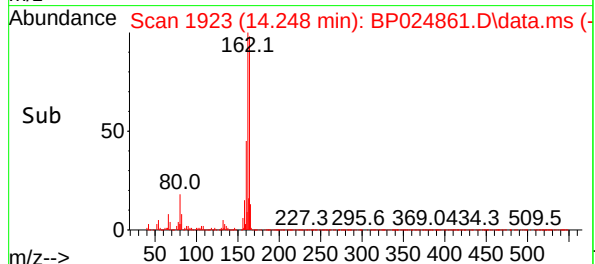
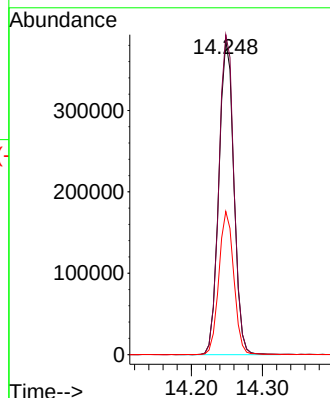
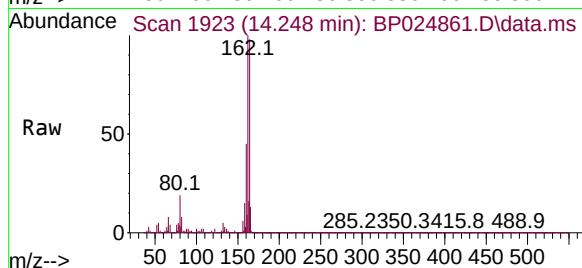
160 45.6 36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.008 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:216 Resp: 80613

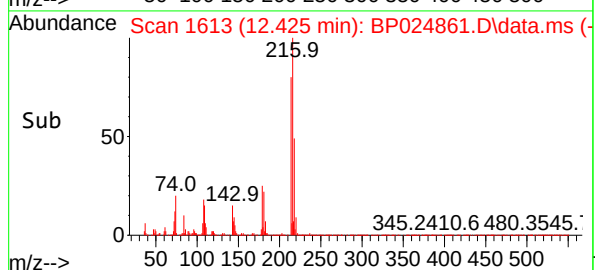
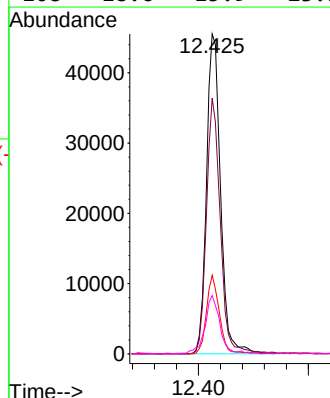
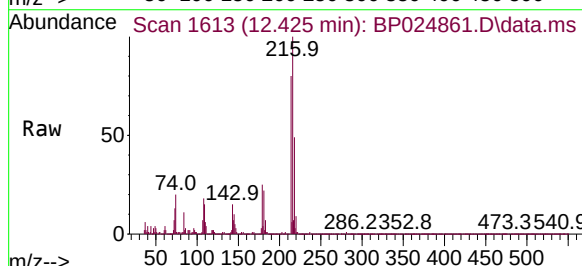
Ion Ratio Lower Upper

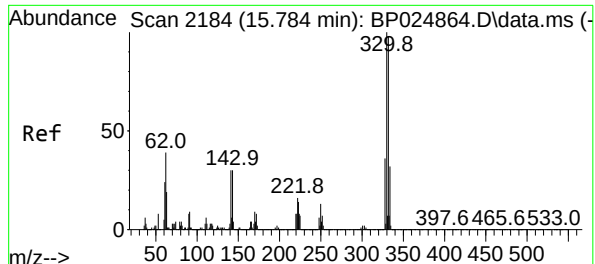
216 100

214 78.4 63.0 94.4

179 22.8 17.8 26.6

108 18.6 15.9 23.9





#42

2,4,6-Tribromophenol

Concen: 9.274 ng

RT: 15.778 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

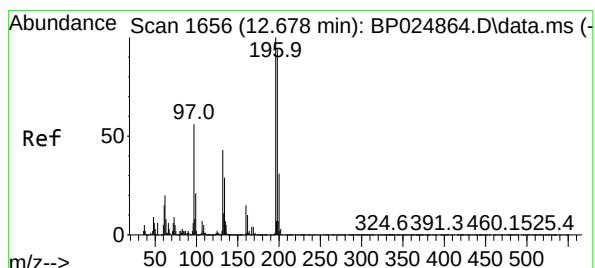
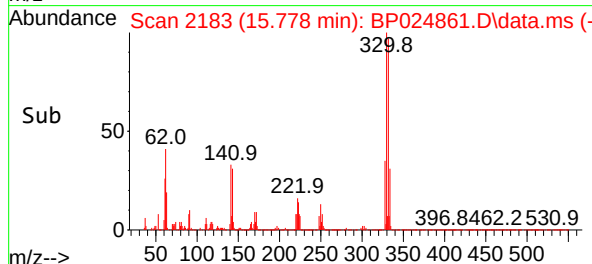
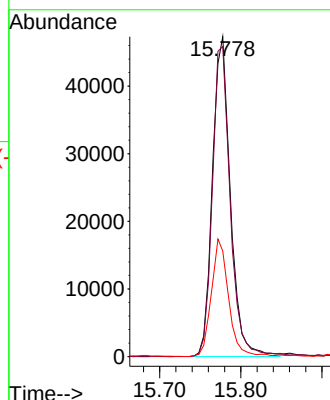
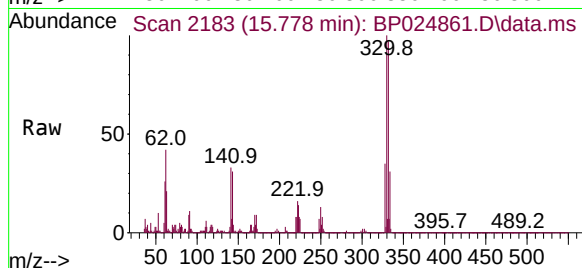
Tgt Ion:	330	Resp:	7272
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.7	116.5
141	35.4	26.4	39.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/09/2025



#43

2,4,6-Trichlorophenol

Concen: 4.487 ng

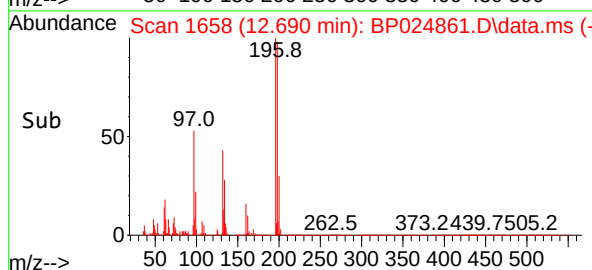
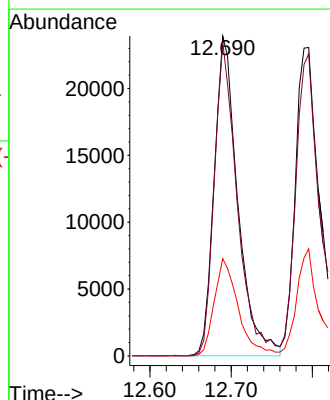
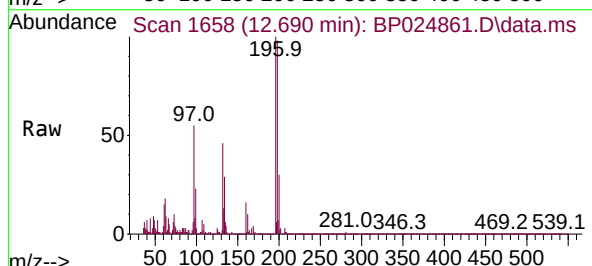
RT: 12.690 min Scan# 1658

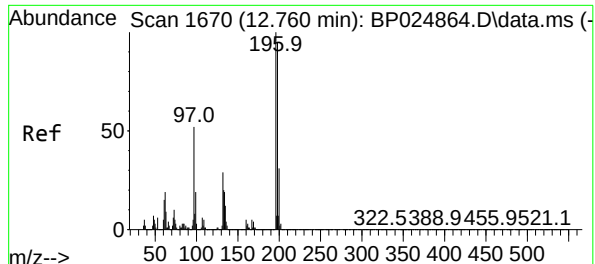
Delta R.T. 0.012 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

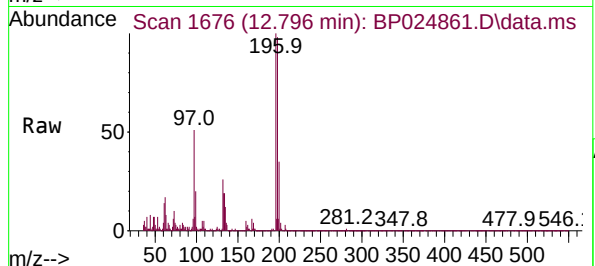
Tgt Ion:	196	Resp:	48501
Ion Ratio	Lower	Upper	
196	100		
198	98.0	75.4	113.0
200	30.4	24.4	36.6





#44
2,4,5-Trichlorophenol
Concen: 4.269 ng
RT: 12.796 min Scan# 1676
Delta R.T. 0.035 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

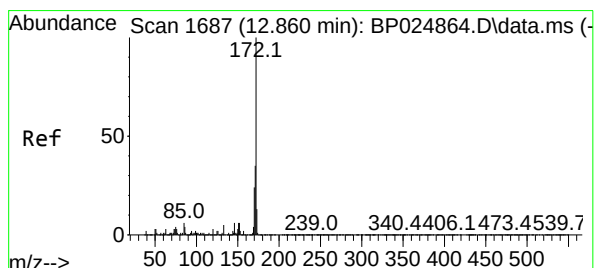
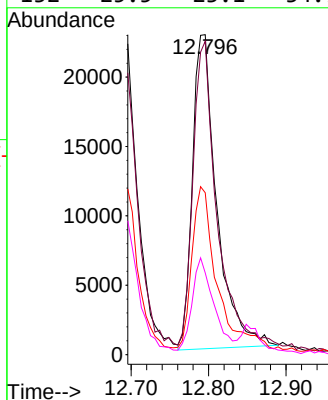
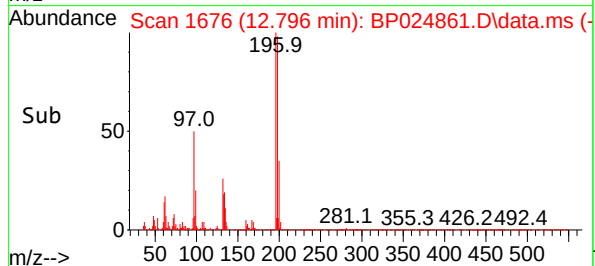
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



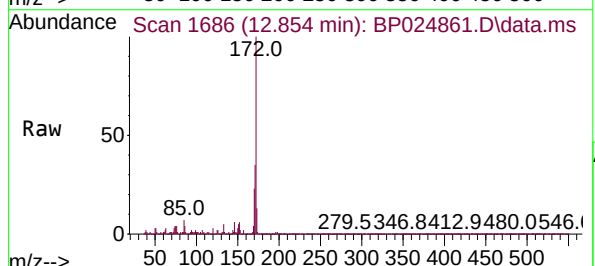
Tgt Ion:196 Resp: 4942
Ion Ratio Lower Upper
196 100
198 97.9 76.0 114.0
97 50.6 41.5 62.3
132 25.5 23.1 34.7

Manual Integrations
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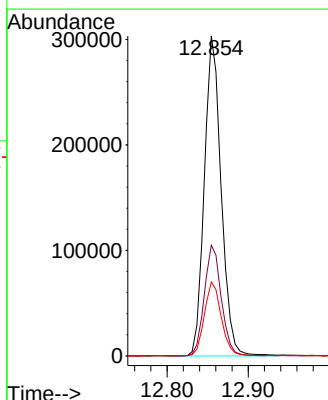
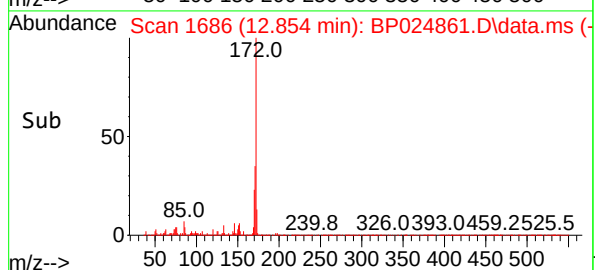
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

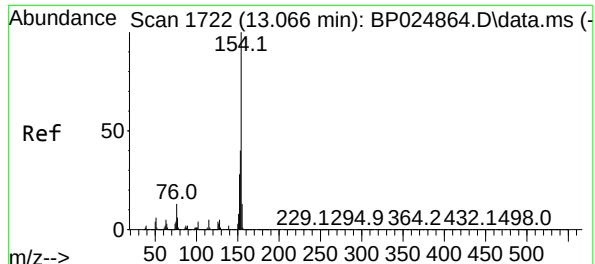


#45
2-Fluorobiphenyl
Concen: 10.390 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11



Tgt Ion:172 Resp: 437483
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.1 19.0 28.4





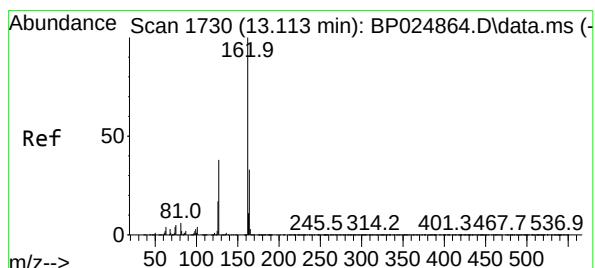
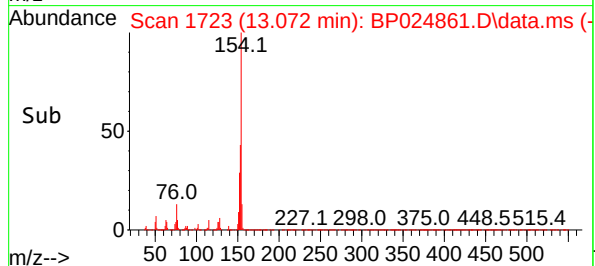
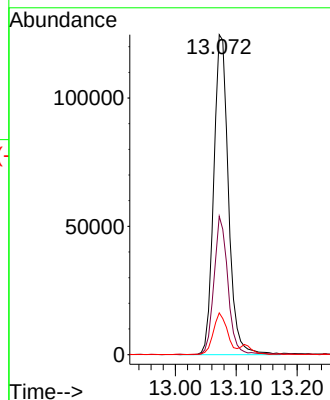
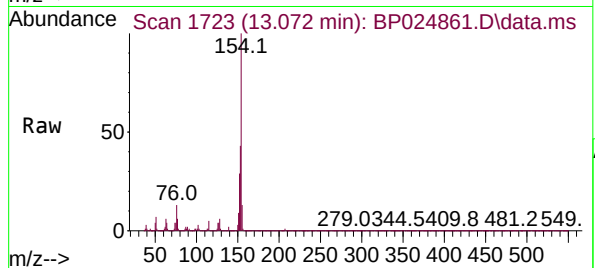
#46
1,1'-Biphenyl
Concen: 5.082 ng
RT: 13.072 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 209483
Ion Ratio Lower Upper
154 100
153 43.2 20.3 60.3
76 13.0 0.0 33.0

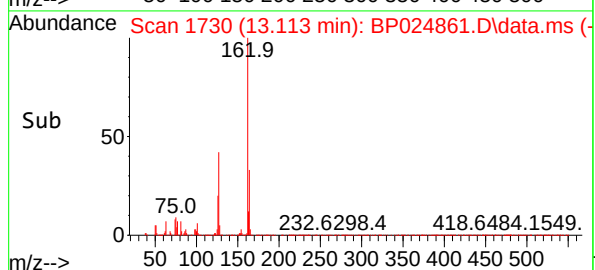
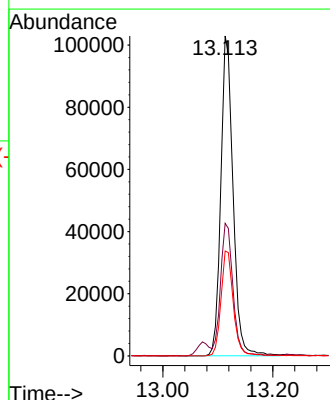
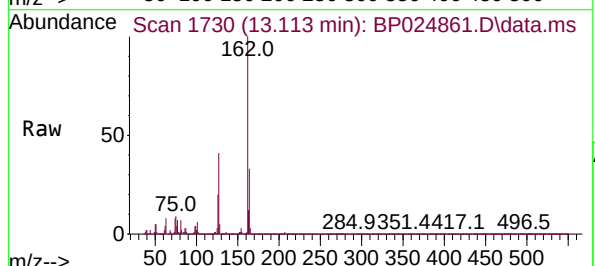
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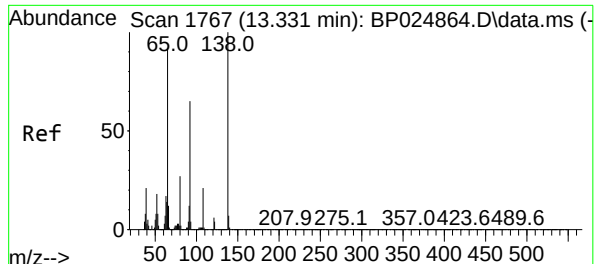
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#47
2-Chloronaphthalene
Concen: 5.026 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

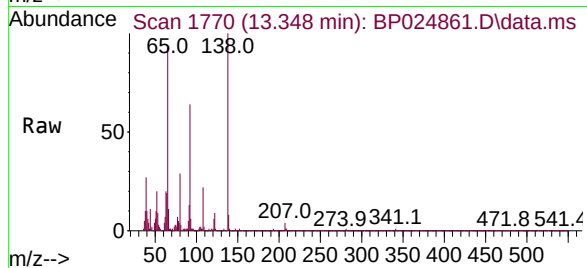
Tgt Ion:162 Resp: 159251
Ion Ratio Lower Upper
162 100
127 41.4 32.5 48.7
164 32.8 26.2 39.2





#48
2-Nitroaniline
Concen: 4.207 ng
RT: 13.348 min Scan# 1767
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

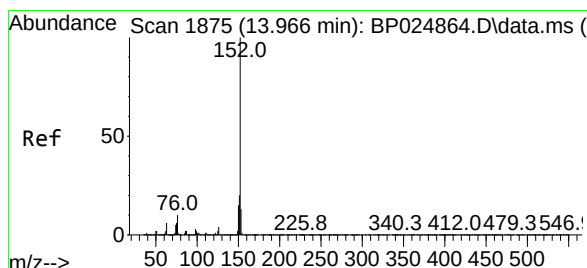
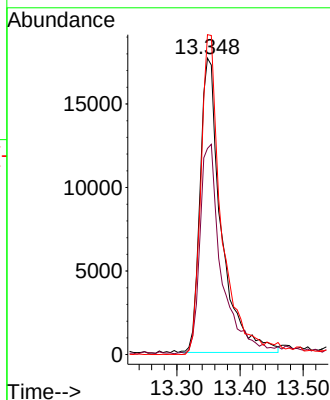
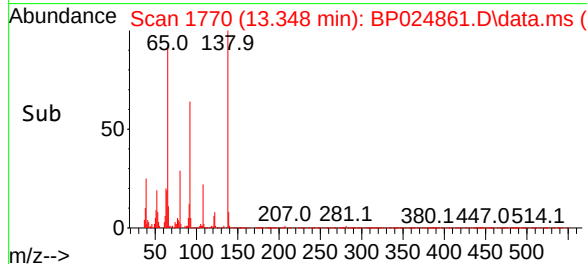
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 4098
Ion Ratio Lower Upper
65 100
92 69.6 56.8 85.2
138 107.9 86.9 130.3

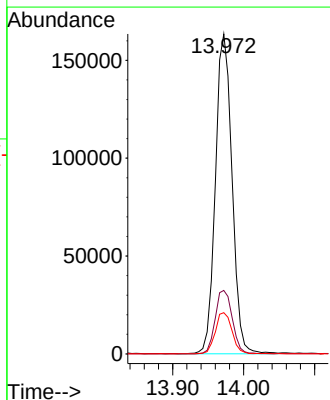
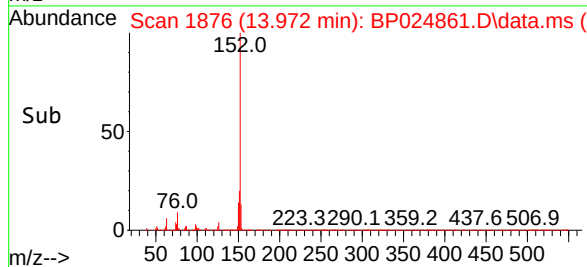
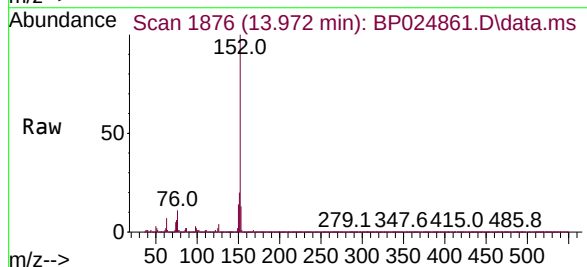
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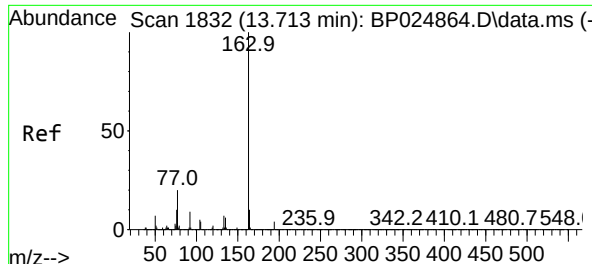
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#49
Acenaphthylene
Concen: 5.047 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:152 Resp: 266639
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.6 15.8





#50
Dimethylphthalate
Concen: 5.136 ng
RT: 13.713 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

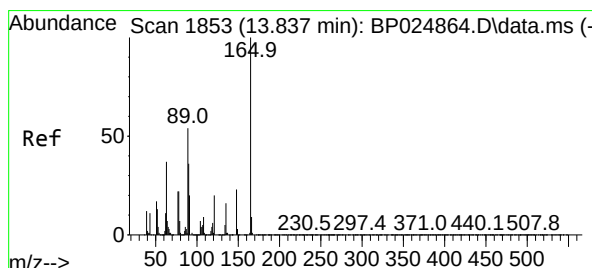
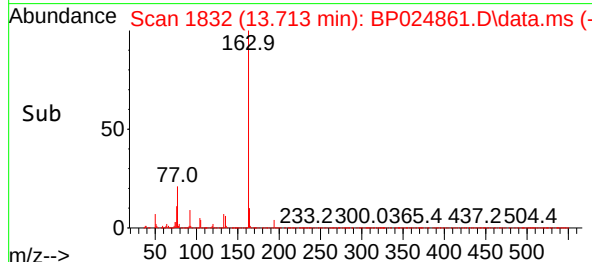
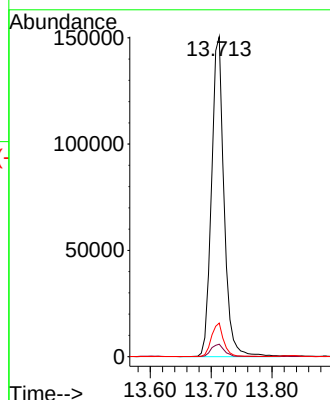
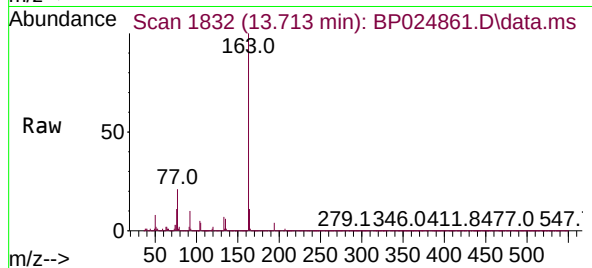
ClientSampleId :

SSTDICC005

Tgt Ion:163 Resp: 214893
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.5 8.0 12.0

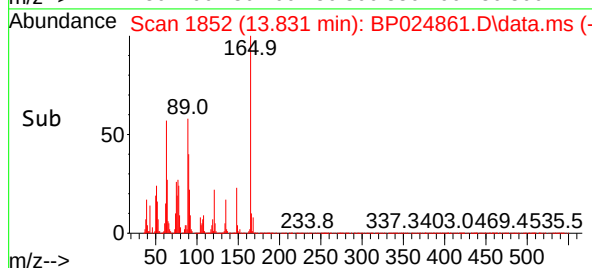
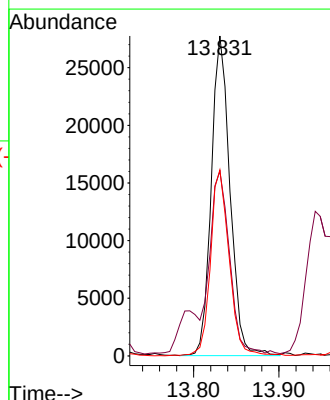
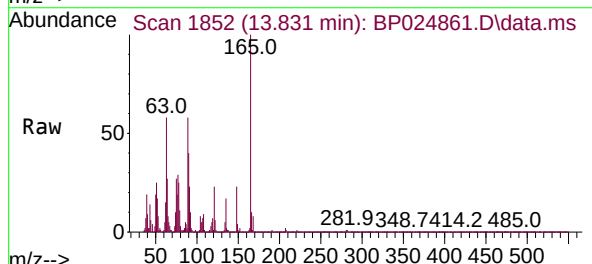
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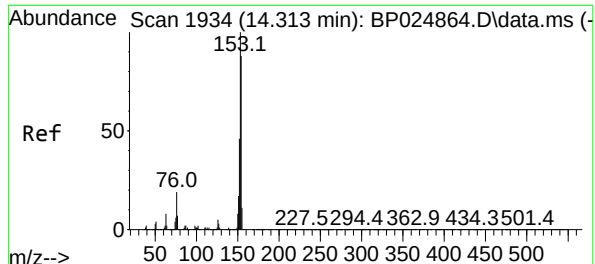
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#51
2,6-Dinitrotoluene
Concen: 4.693 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

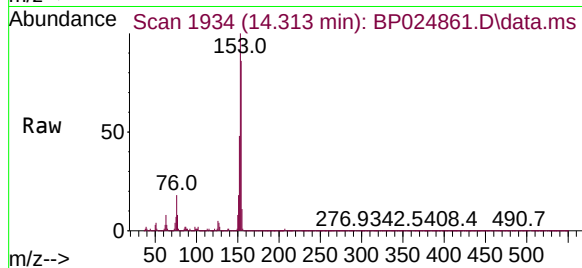
Tgt Ion:165 Resp: 42335
Ion Ratio Lower Upper
165 100
63 57.7 41.8 62.8
89 58.1 43.1 64.7





#52
Acenaphthene
Concen: 5.181 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

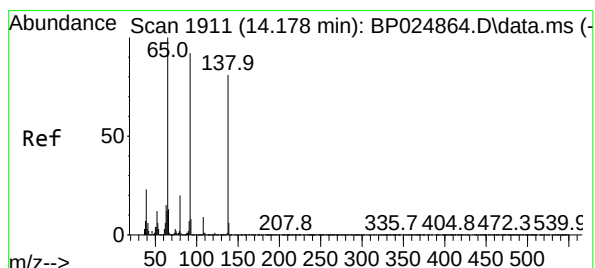
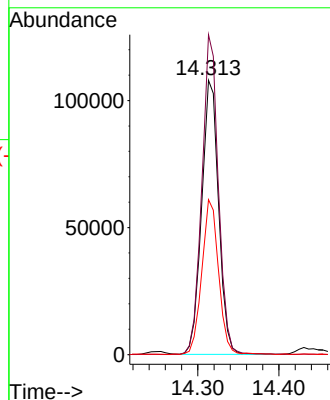
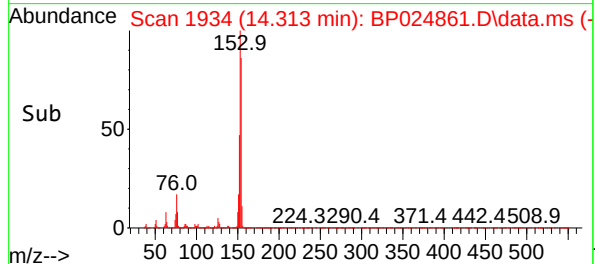
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



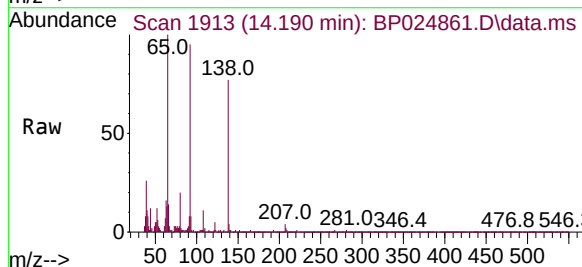
Tgt Ion:154 Resp: 156832
Ion Ratio Lower Upper
154 100
153 116.7 90.5 135.7
152 56.5 42.1 63.1

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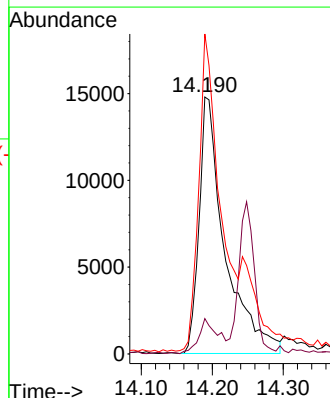
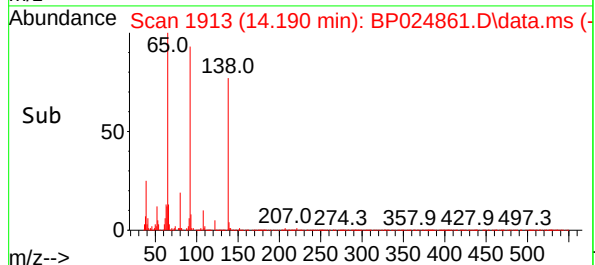
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

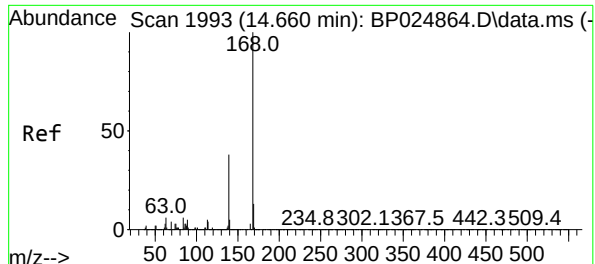


#53
3-Nitroaniline
Concen: 3.983 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11



Tgt Ion:138 Resp: 37288
Ion Ratio Lower Upper
138 100
108 13.8 8.6 12.8#
92 124.5 91.3 136.9





#55

Dibenzenofuran

Concen: 5.297 ng

RT: 14.660 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 25737

Ion Ratio Lower Upper

168 100

139 39.6 31.6 47.4

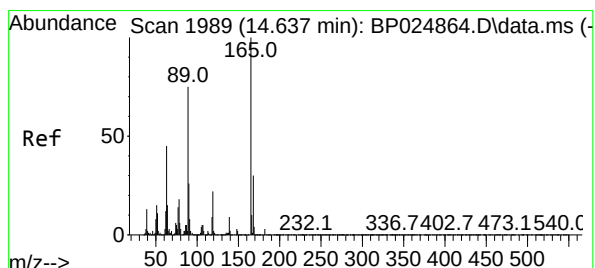
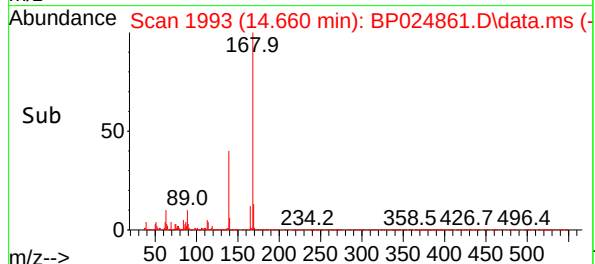
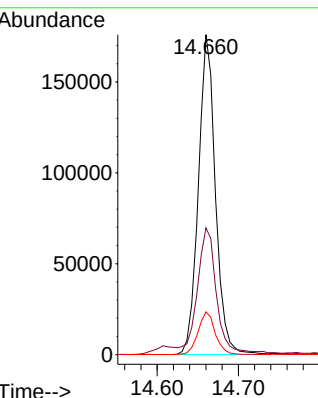
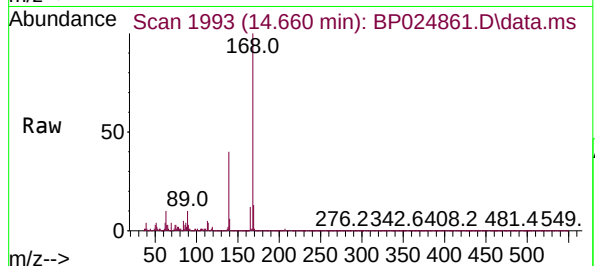
169 13.4 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#57

2,4-Dinitrotoluene

Concen: 4.387 ng

RT: 14.648 min Scan# 1991

Delta R.T. 0.011 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:165 Resp: 55352

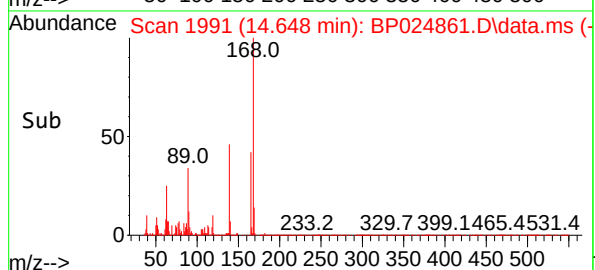
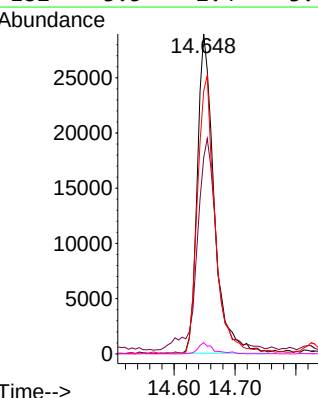
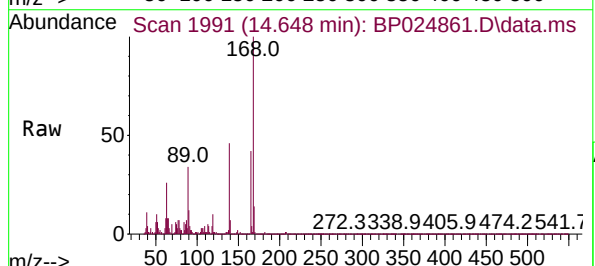
Ion Ratio Lower Upper

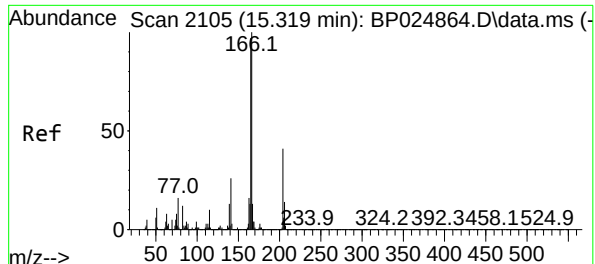
165 100

63 61.3 37.0 55.6

89 82.2 60.1 90.1

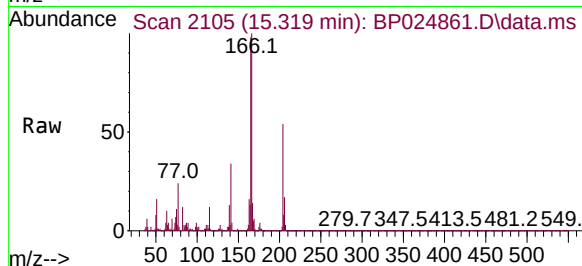
182 3.5 2.4 3.6





#58
Fluorene
Concen: 5.192 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

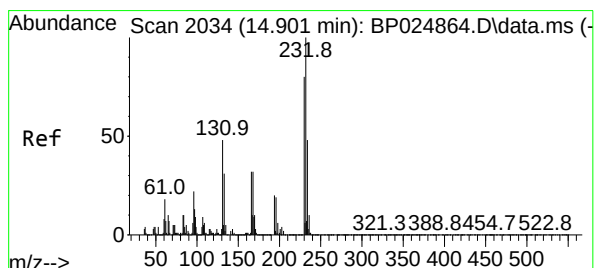
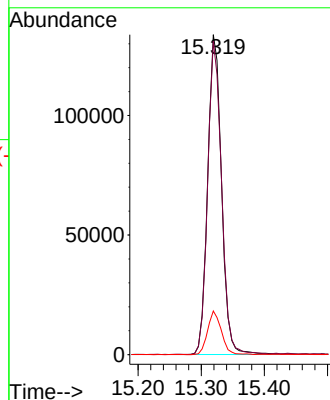
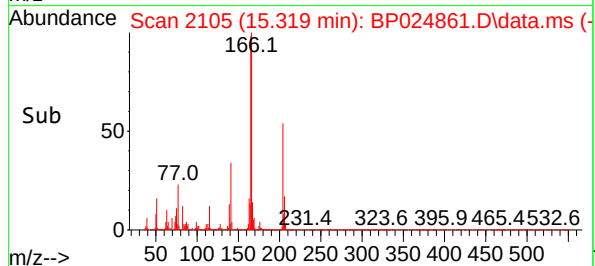
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 203802
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.6 10.6 16.0

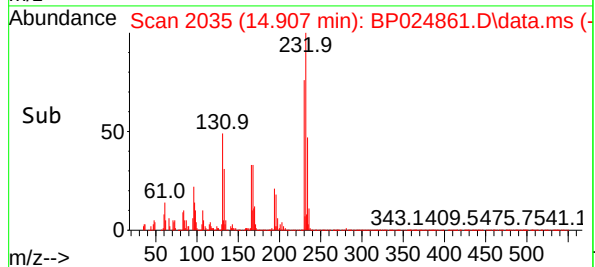
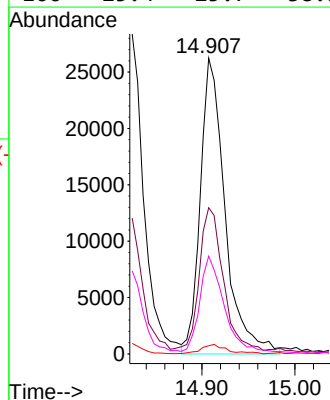
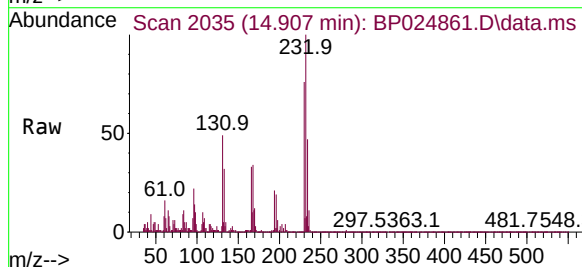
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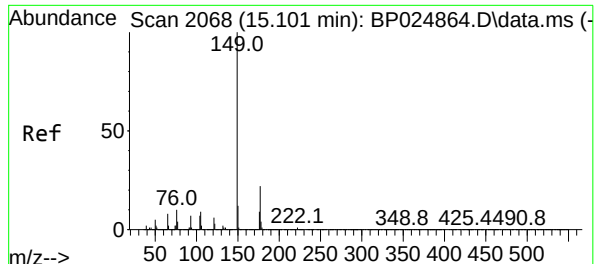
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.699 ng m
RT: 14.907 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:232 Resp: 48686
Ion Ratio Lower Upper
232 100
131 40.2 38.2 57.2
130 2.5 2.1 3.1
166 25.4 25.7 38.5#





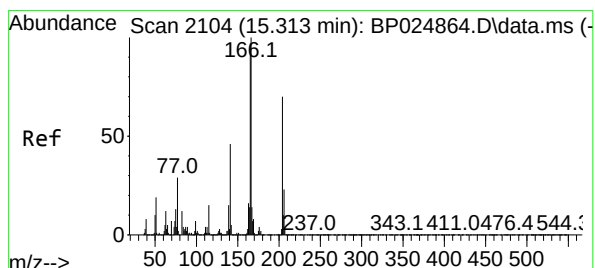
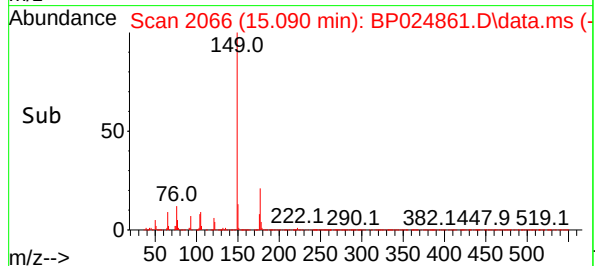
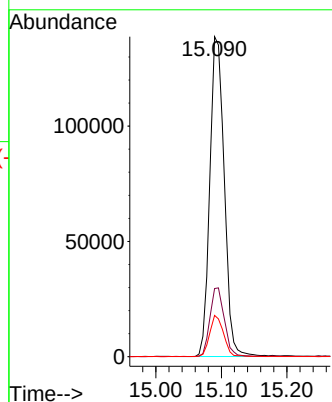
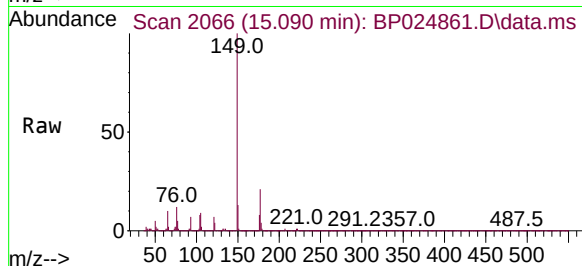
#60
Diethylphthalate
Concen: 5.105 ng
RT: 15.090 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 212883
Ion Ratio Lower Upper
149 100
177 21.3 17.9 26.9
150 12.9 9.8 14.6

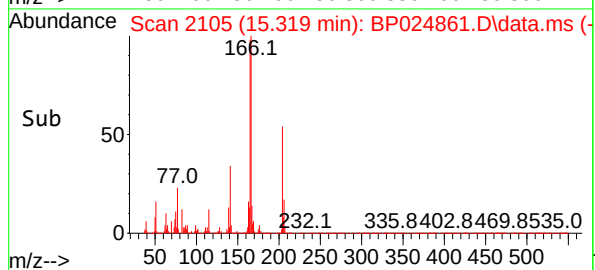
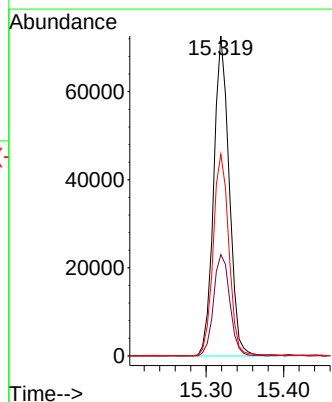
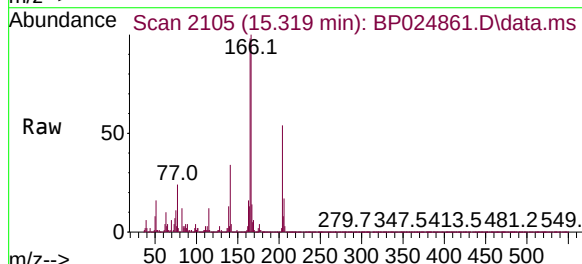
Manual Integrations
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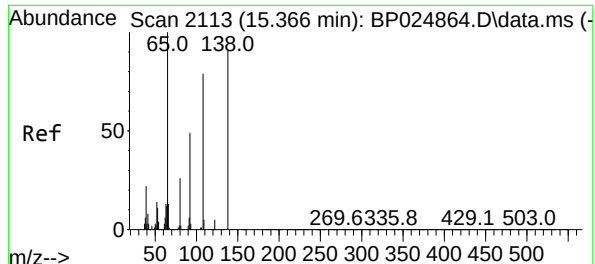
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.254 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

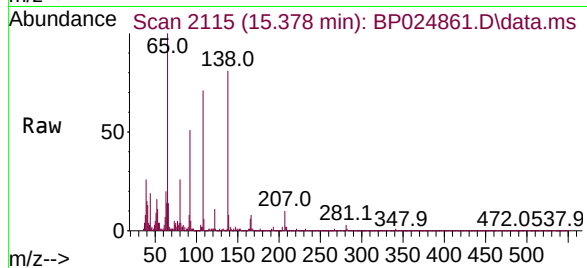
Tgt Ion:204 Resp: 100846
Ion Ratio Lower Upper
204 100
206 31.6 26.6 40.0
141 63.0 52.4 78.6





#62
4-Nitroaniline
Concen: 3.998 ng m
RT: 15.378 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

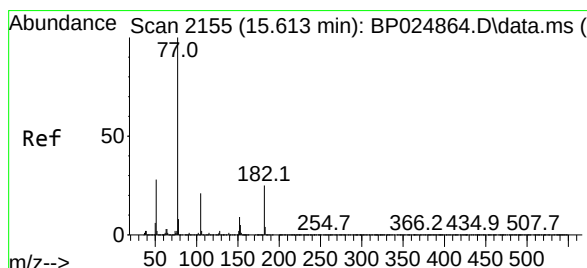
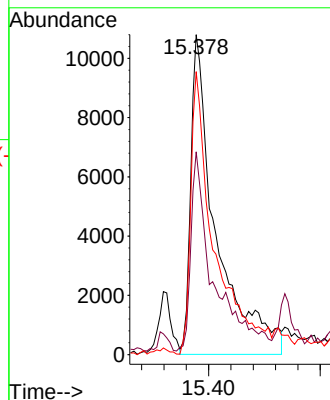
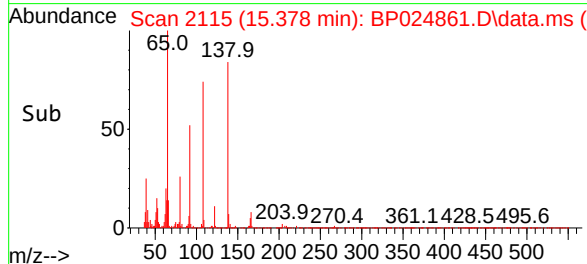
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 33952
Ion Ratio Lower Upper
138 100
92 63.4 33.5 73.5
108 88.4 65.1 105.1

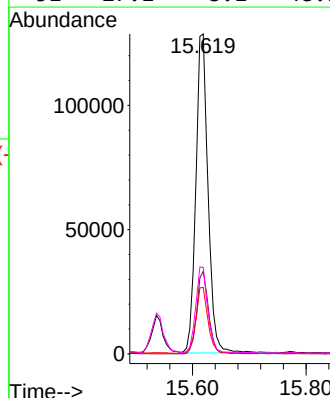
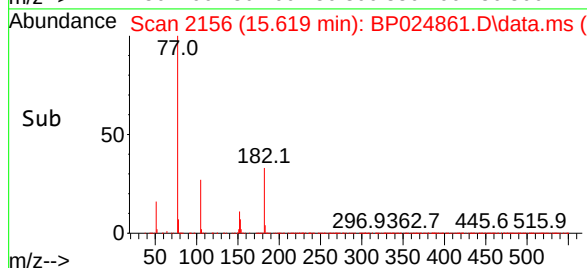
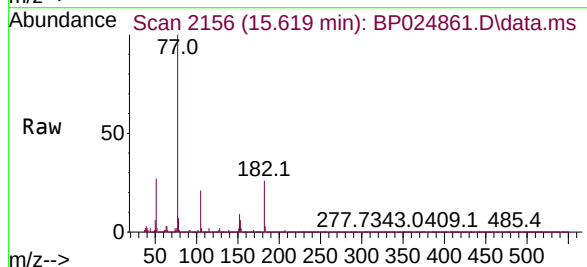
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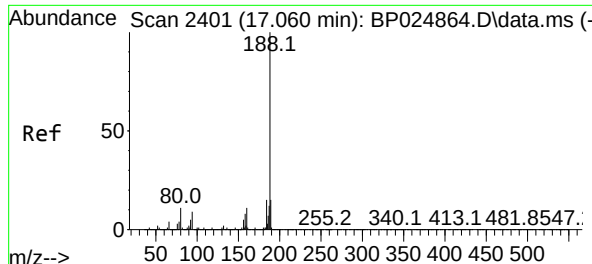
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#63
Azobenzene
Concen: 4.990 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 77 Resp: 190856
Ion Ratio Lower Upper
77 100
182 25.8 5.4 45.4
105 20.8 0.8 40.8
51 27.1 8.1 48.1





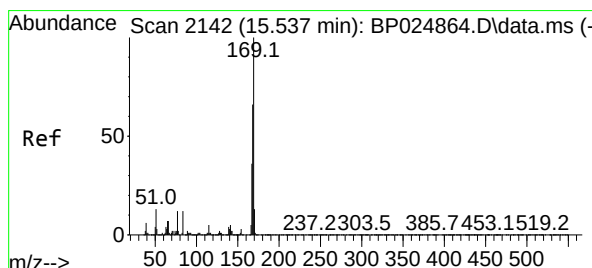
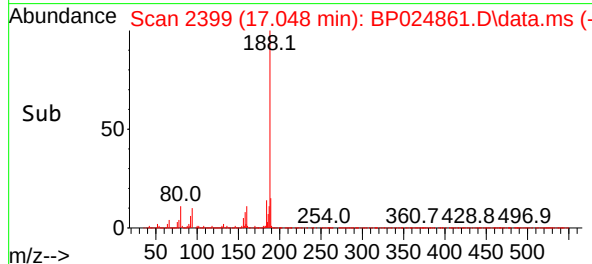
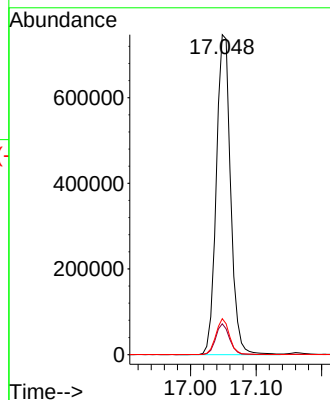
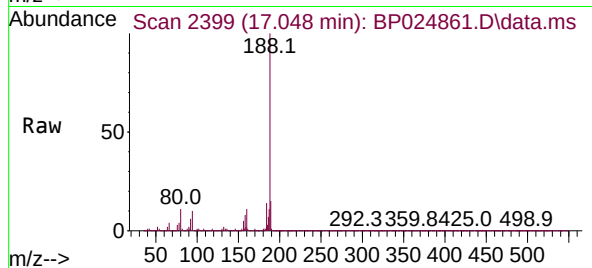
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 113488
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 11.2 8.5 12.7

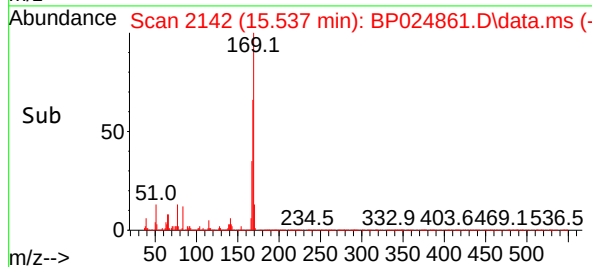
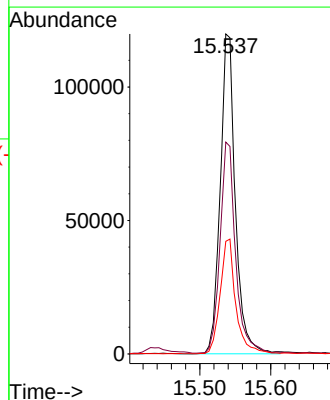
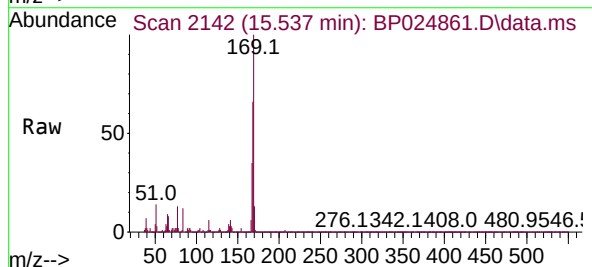
Manual Integrations
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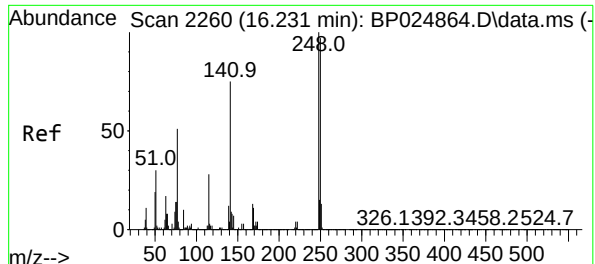
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 5.056 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:169 Resp: 177845
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.2 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 4.973 ng

RT: 16.231 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

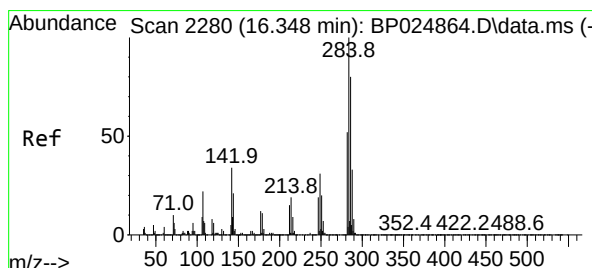
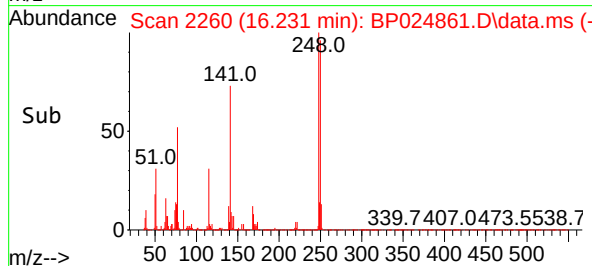
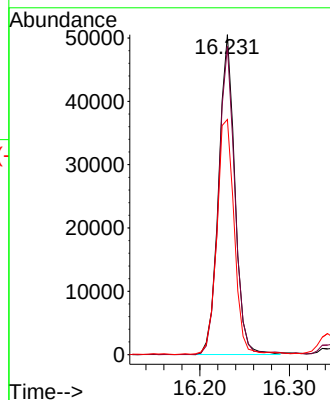
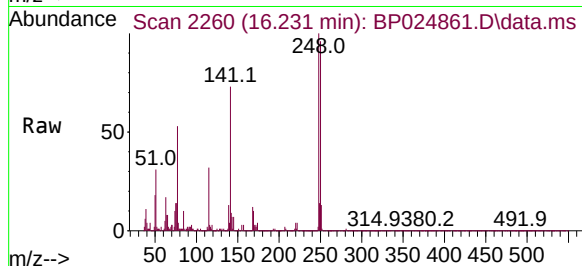
Tgt Ion:	248	Resp:	63678
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.4	116.2
141	73.5	59.9	89.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#68

Hexachlorobenzene

Concen: 5.087 ng

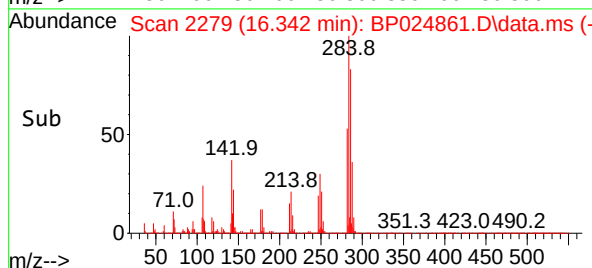
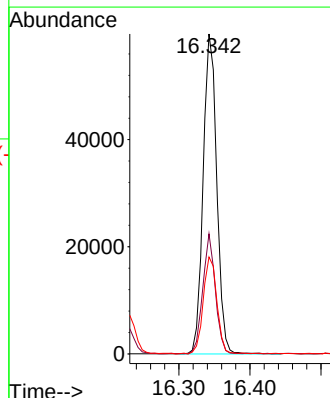
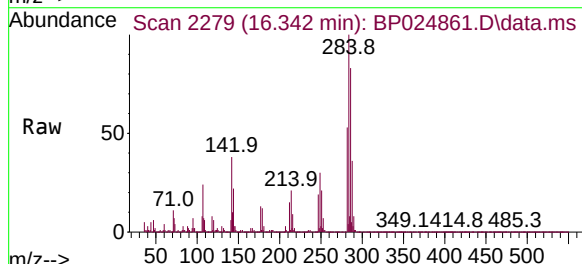
RT: 16.342 min Scan# 2279

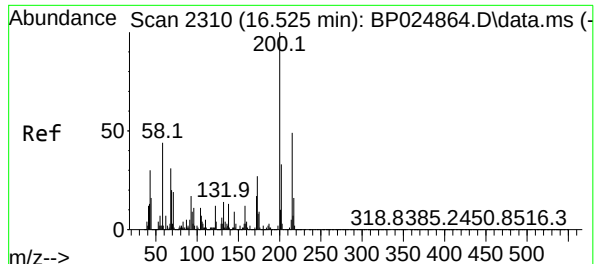
Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	284	Resp:	78966
Ion Ratio	Lower	Upper	
284	100		
142	37.5	27.0	40.6
249	30.3	25.0	37.6





#69

Atrazine

Concen: 4.730 ng

RT: 16.519 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

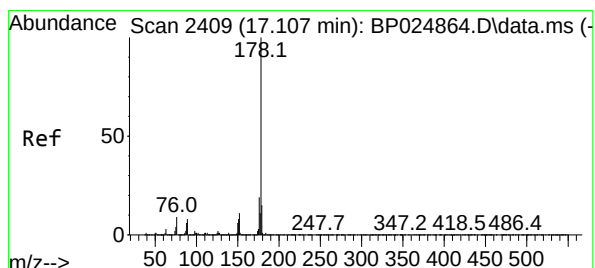
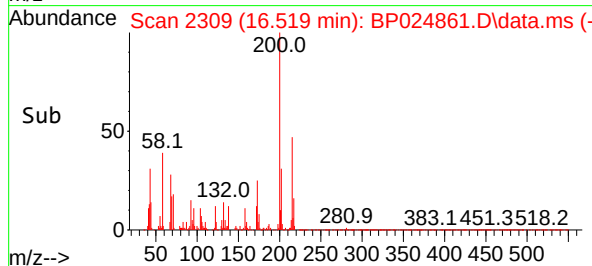
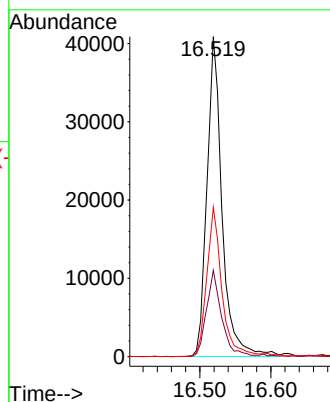
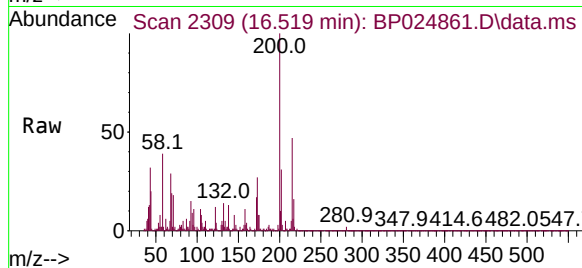
SSTDICC005

Tgt Ion	200	Resp	6032
Ion Ratio	Lower	Upper	
200	100		
173	27.0	6.9	46.9
215	46.6	28.7	68.7

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#71

Phenanthrene

Concen: 5.237 ng

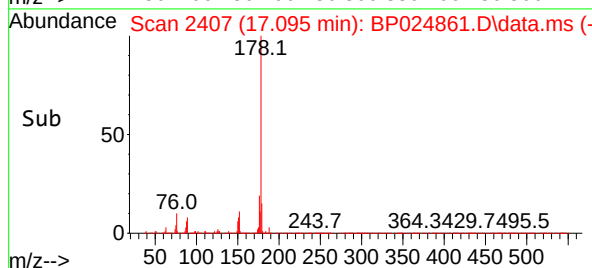
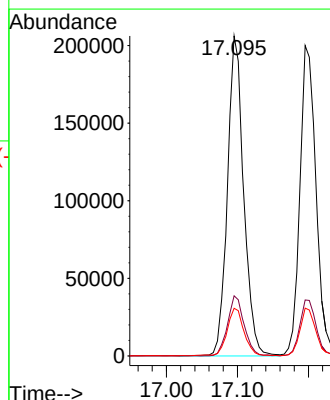
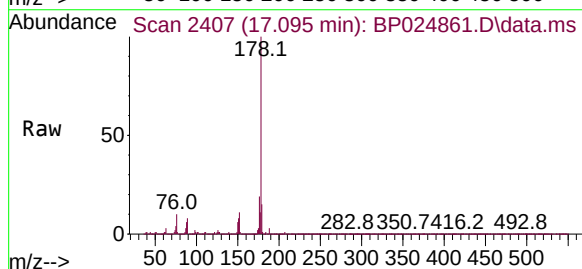
RT: 17.095 min Scan# 2407

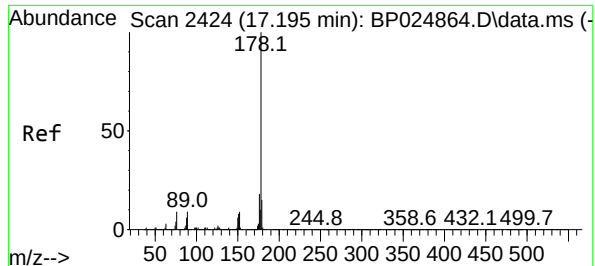
Delta R.T. -0.012 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

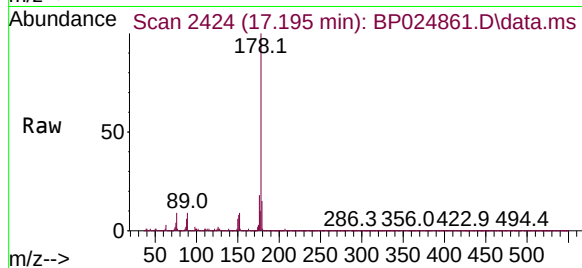
Tgt Ion	178	Resp	328431
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.3	22.9
179	14.9	12.1	18.1





#72
Anthracene
Concen: 5.043 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

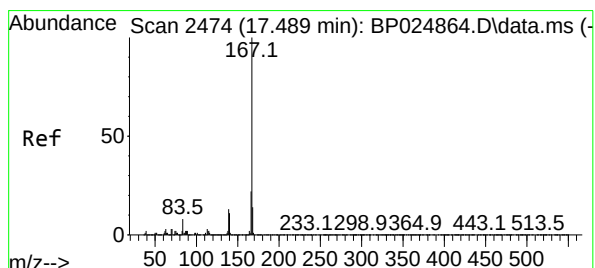
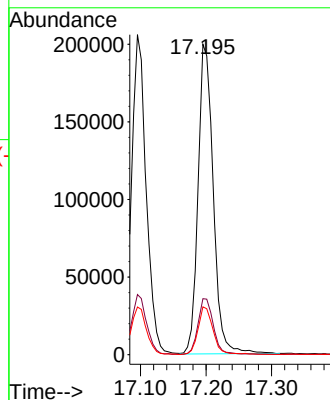
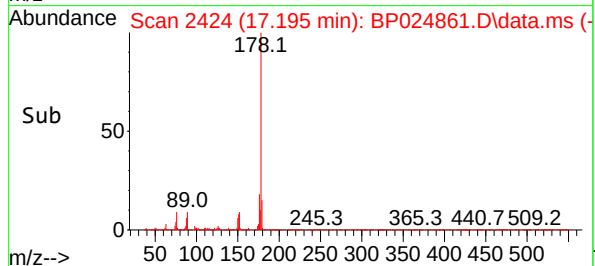
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 320305
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.4 12.3 18.5

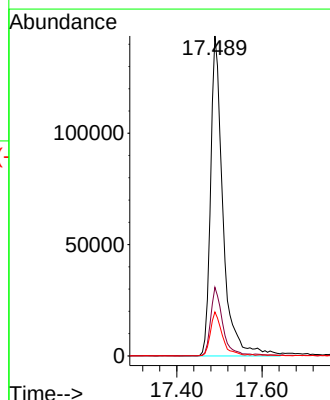
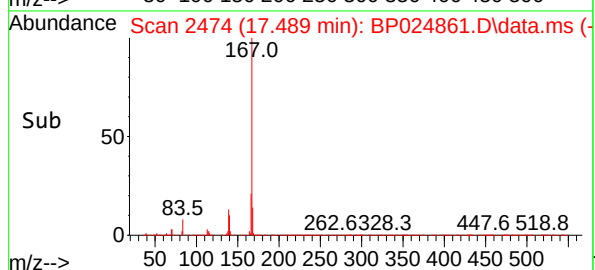
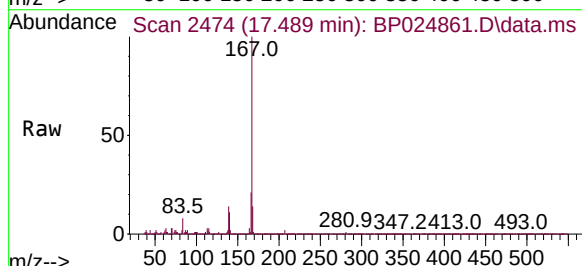
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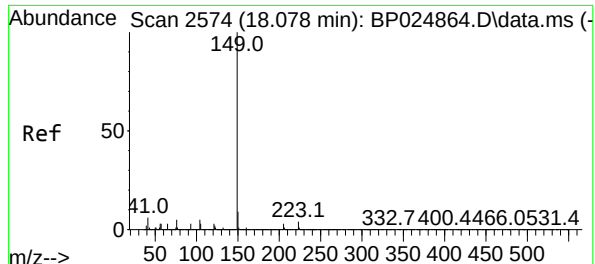
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#73
Carbazole
Concen: 4.932 ng
RT: 17.489 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:167 Resp: 290344
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 13.7 10.8 16.2





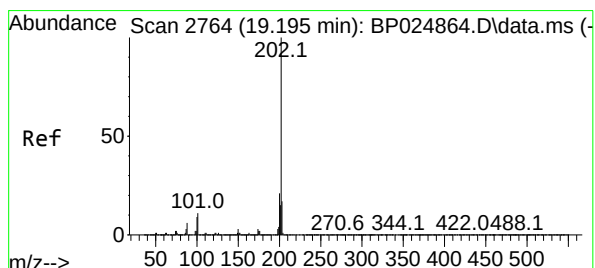
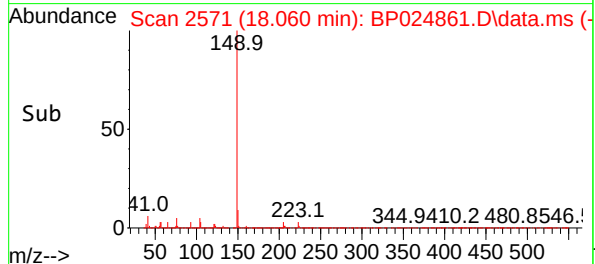
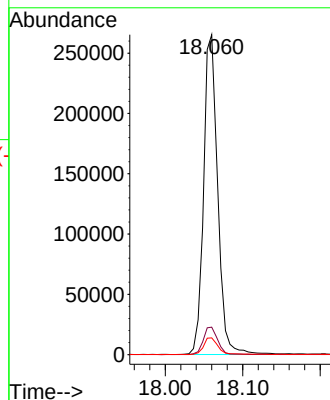
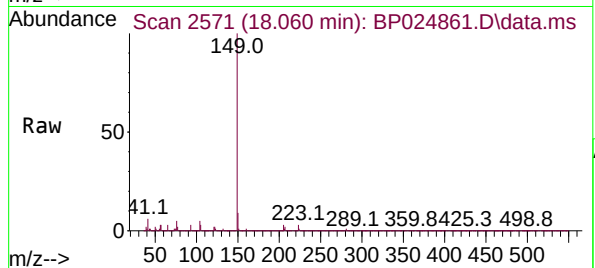
#74
Di-n-butylphthalate
Concen: 4.580 ng
RT: 18.060 min Scan# 2574
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 334086
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 5.2 4.2 6.2

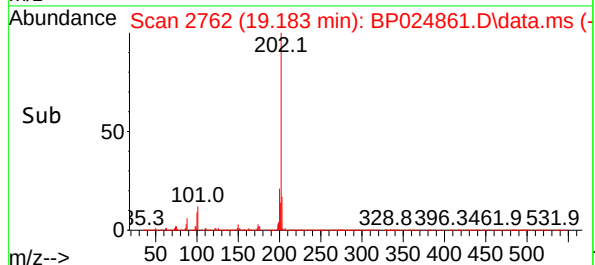
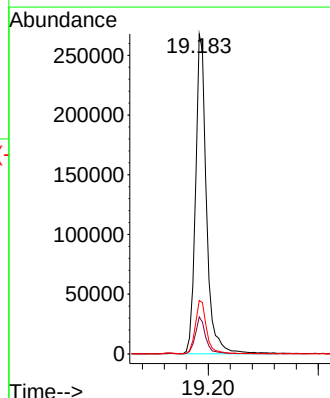
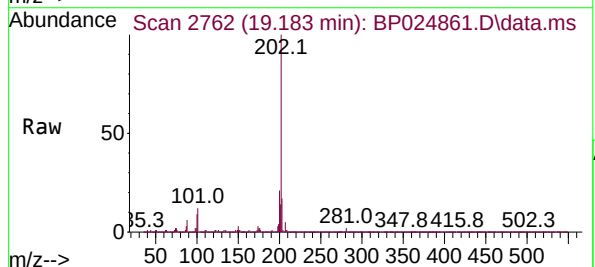
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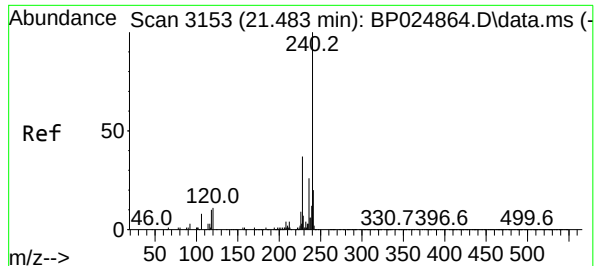
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#75
Fluoranthene
Concen: 5.074 ng
RT: 19.183 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:202 Resp: 368810
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 16.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.477 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 119401

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

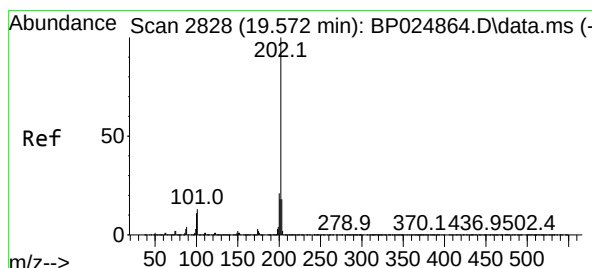
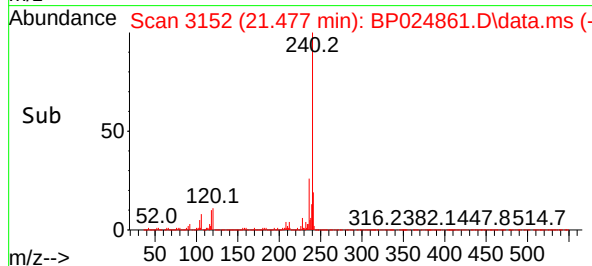
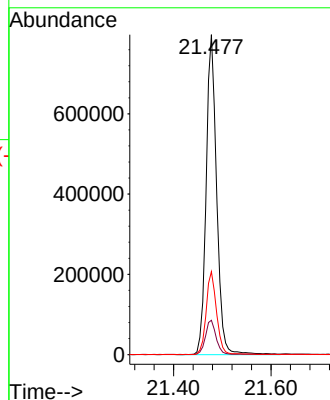
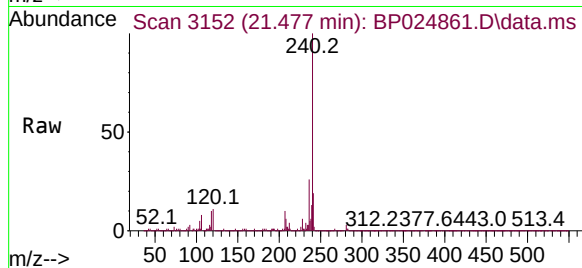
236 25.9 20.9 31.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#78

Pyrene

Concen: 5.228 ng

RT: 19.560 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

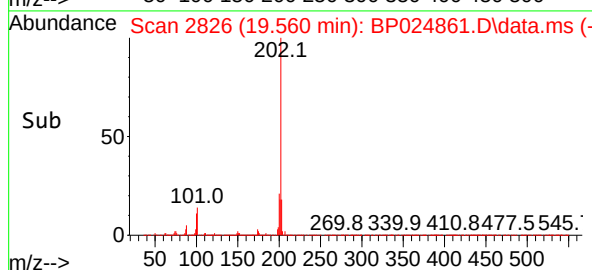
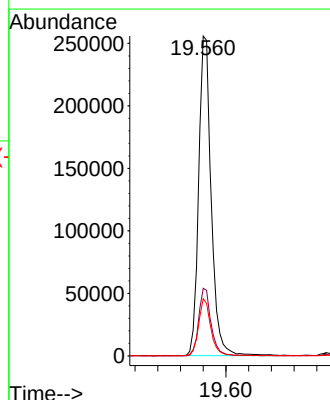
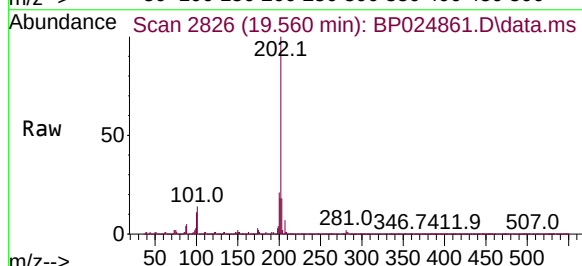
Tgt Ion:202 Resp: 389995

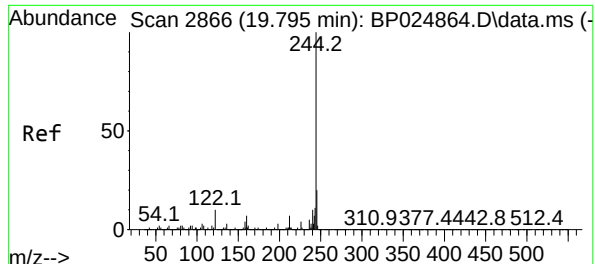
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 10.560 ng

RT: 19.778 min Scan# 2863

Delta R.T. -0.018 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

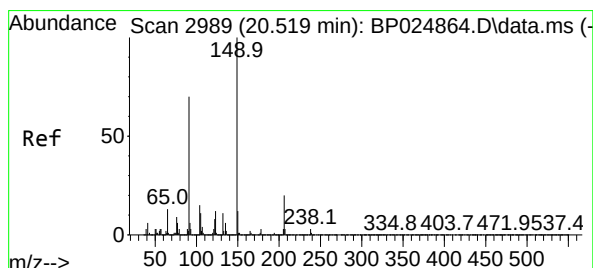
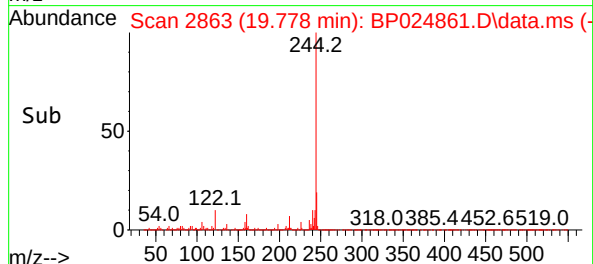
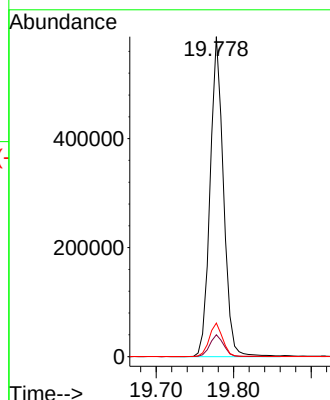
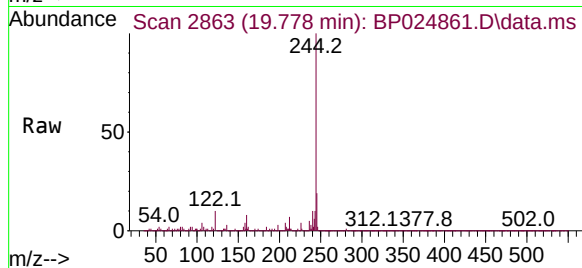
SSTDICC005

Tgt Ion:	244	Resp:	703502
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	10.5	7.7	11.5

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#80

Butylbenzylphthalate

Concen: 4.439 ng

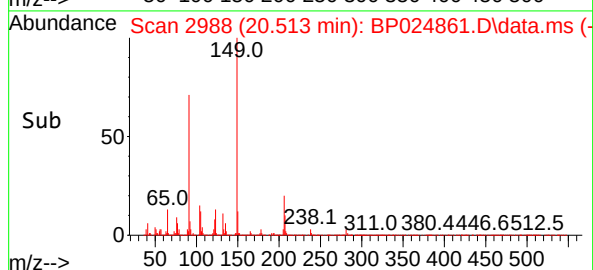
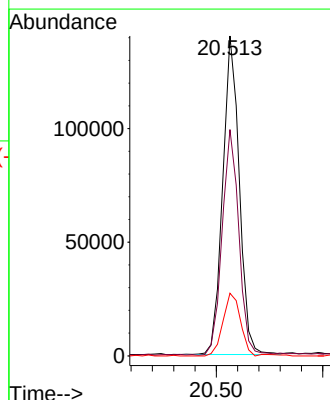
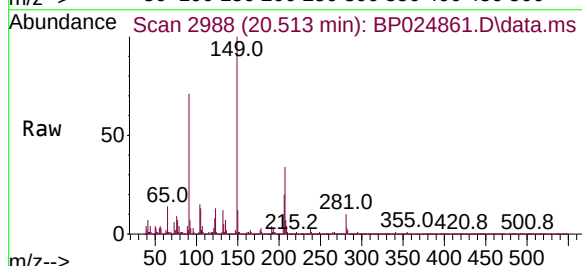
RT: 20.513 min Scan# 2988

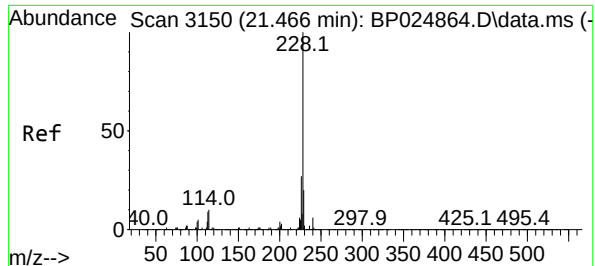
Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	149	Resp:	151685
Ion Ratio	Lower	Upper	
149	100		
91	70.7	55.8	83.8
206	19.6	16.2	24.2





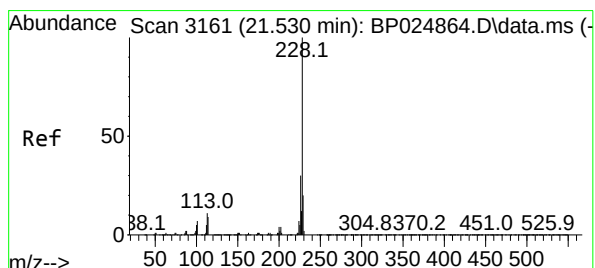
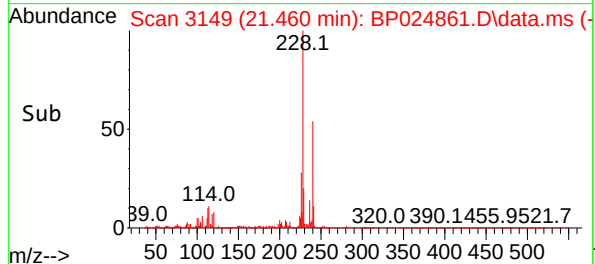
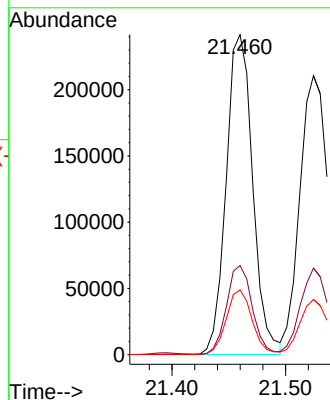
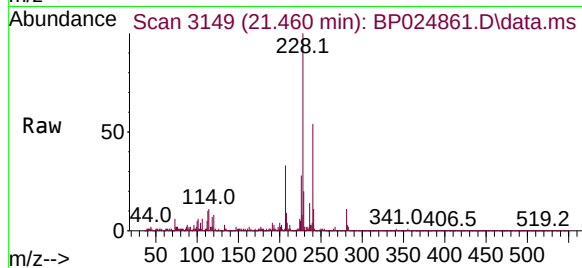
#81
Benzo(a)anthracene
Concen: 5.130 ng
RT: 21.460 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 391774
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.2 15.9 23.9

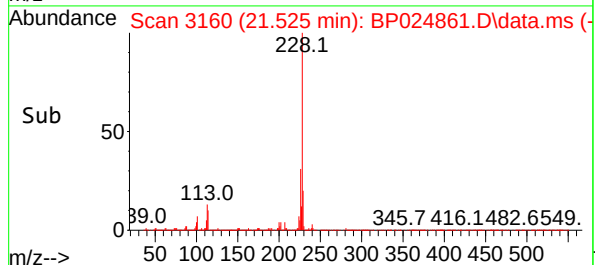
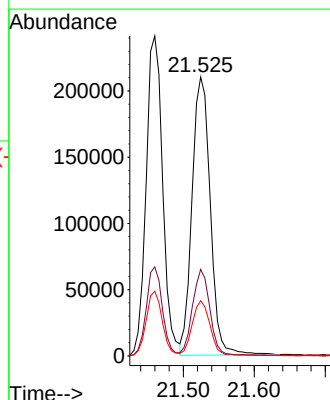
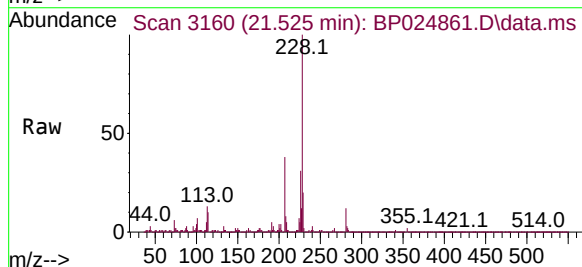
Manual Integrations
APPROVED

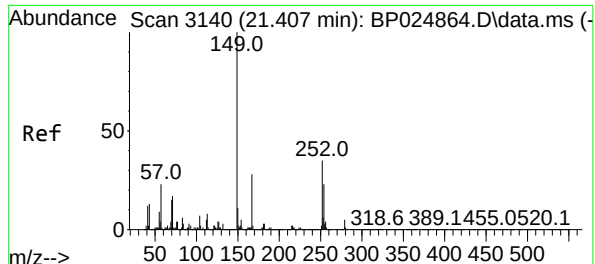
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#83
Chrysene
Concen: 5.165 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:228 Resp: 373726
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 19.7 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.362 ng
RT: 21.389 min Scan# 3140
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

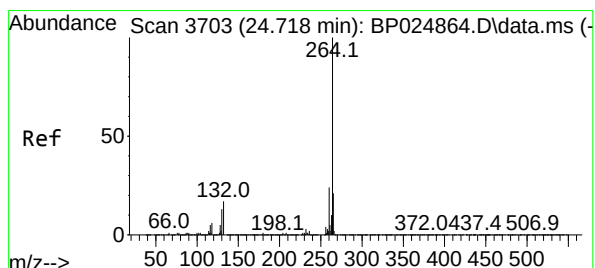
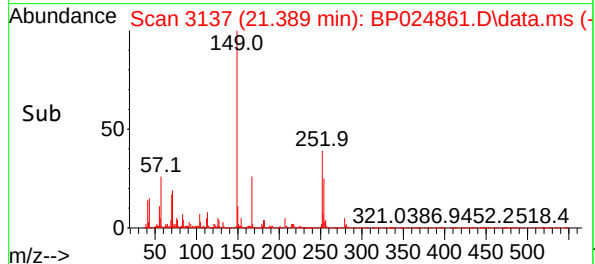
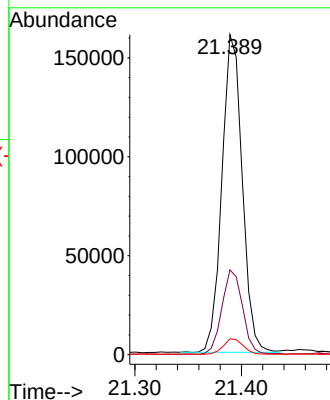
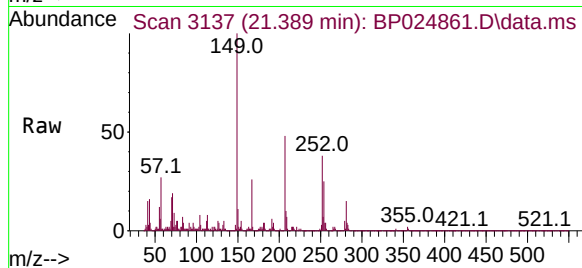
ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 213559
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 4.9 4.0 6.0

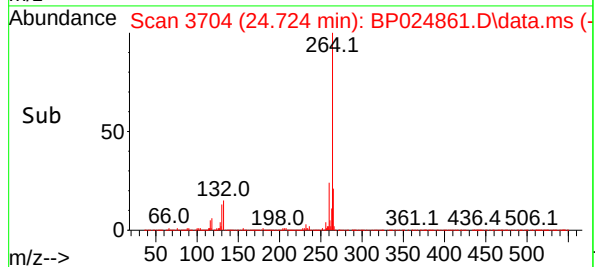
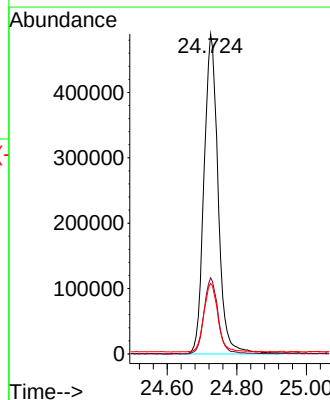
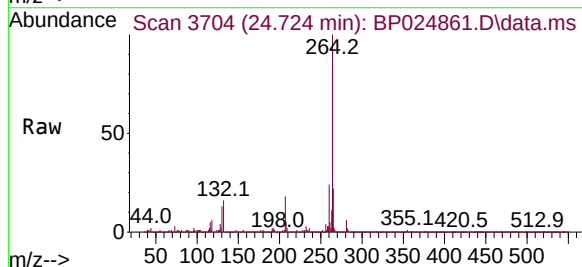
Manual Integrations
APPROVED

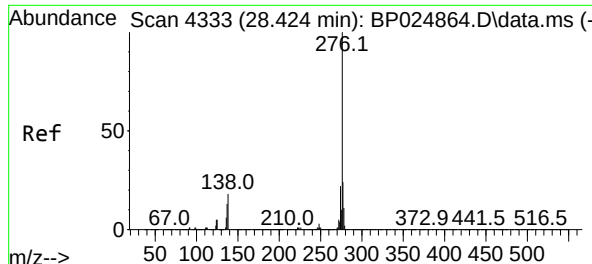
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:264 Resp: 1376894
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.889 ng

RT: 28.418 min Scan# 4333

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 491160

Ion Ratio Lower Upper

276 100

138 17.4 18.6 27.8

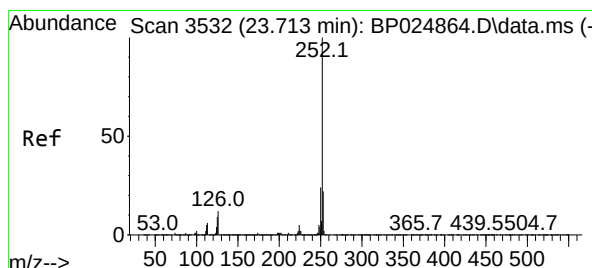
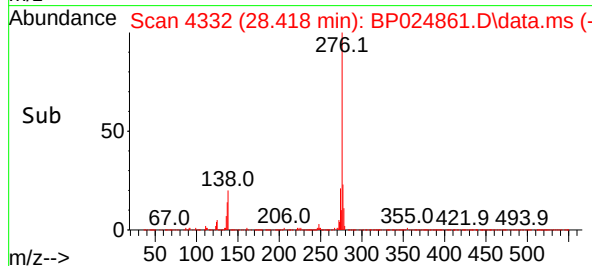
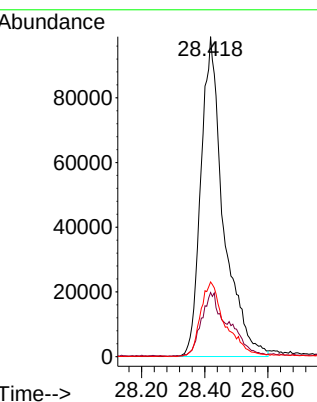
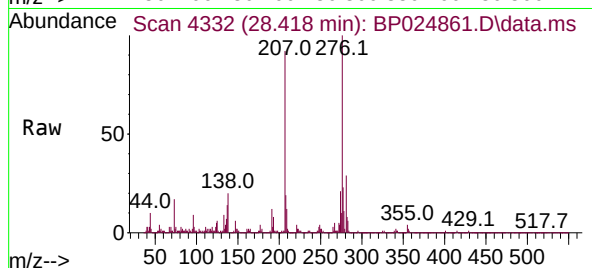
277 25.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#88

Benzo(b)fluoranthene

Concen: 4.817 ng

RT: 23.707 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

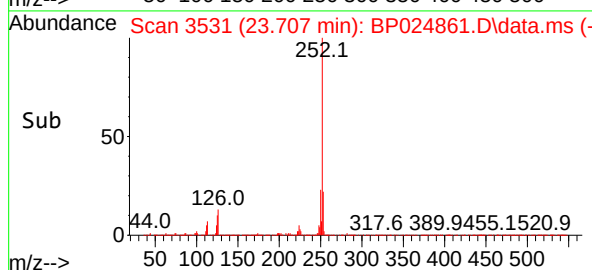
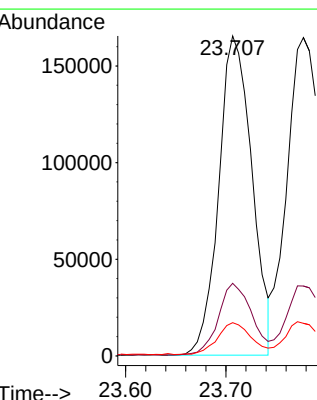
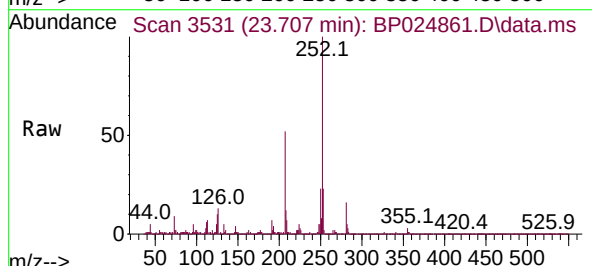
Tgt Ion:252 Resp: 379596

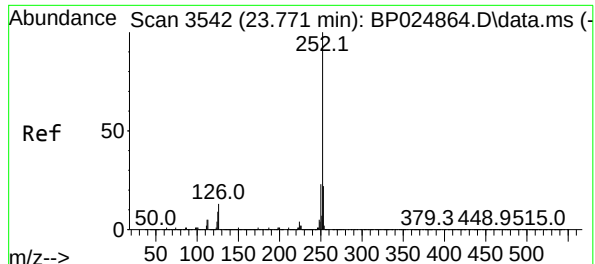
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 4.998 ng

RT: 23.777 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

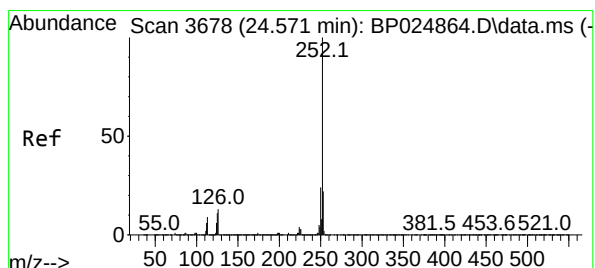
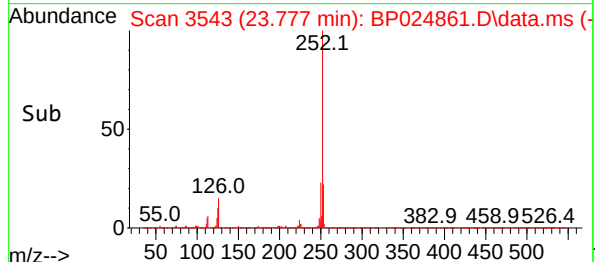
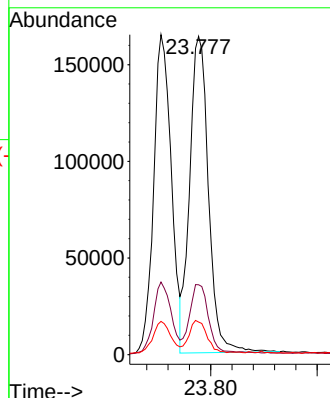
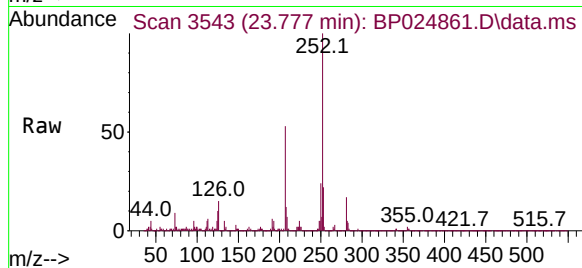
SSTDIC005

Tgt Ion:	252	Resp:	40087
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	10.2	7.4	11.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 4.901 ng

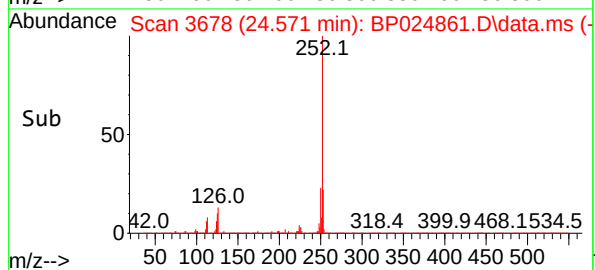
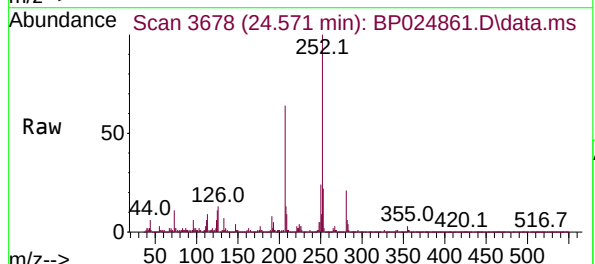
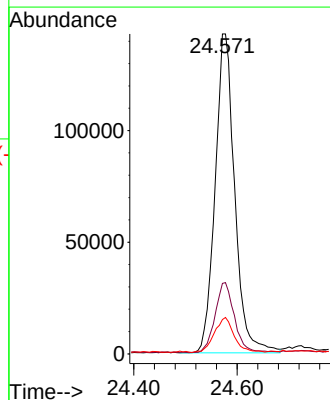
RT: 24.571 min Scan# 3678

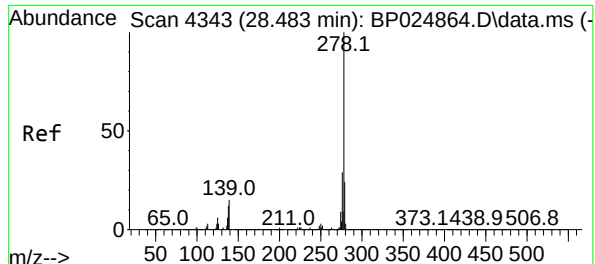
Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:	252	Resp:	377184
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	10.7	8.8	13.2





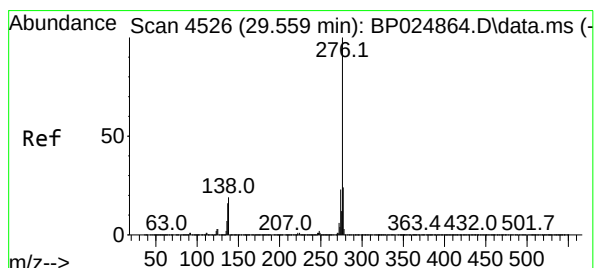
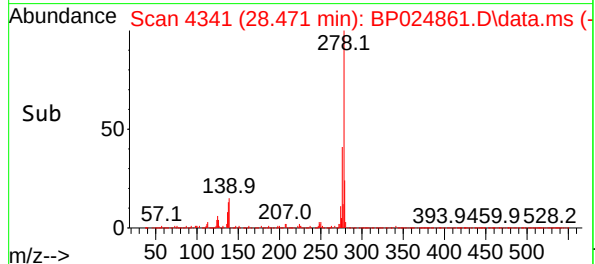
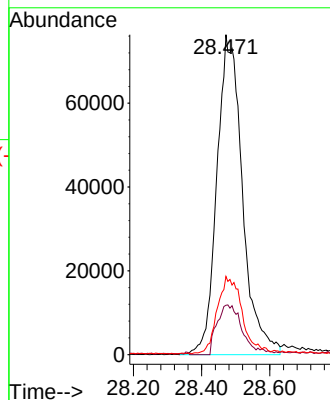
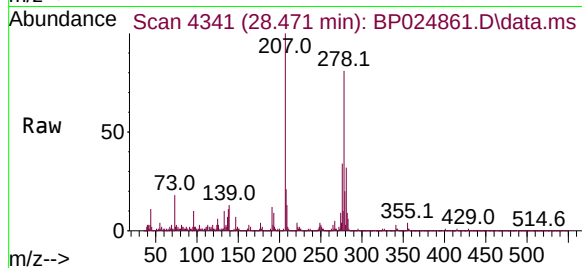
#91
Dibenzo(a,h)anthracene
Concen: 4.846 ng
RT: 28.471 min Scan# 4343
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 396286
Ion Ratio Lower Upper
278 100
139 15.4 12.0 18.0
279 24.4 19.1 28.7

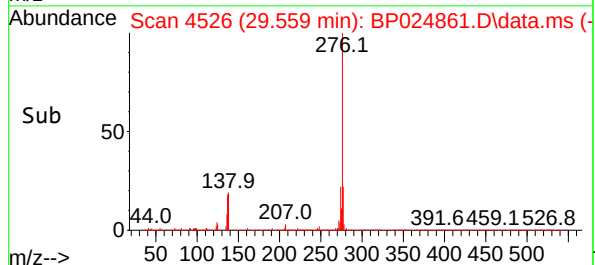
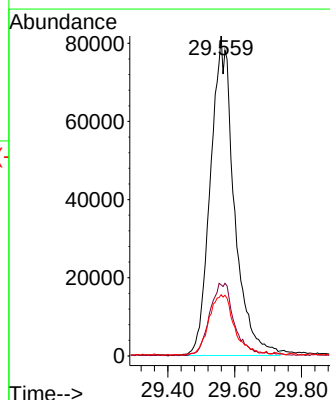
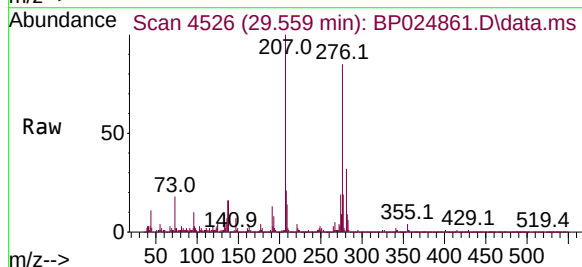
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 4.974 ng
RT: 29.559 min Scan# 4526
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:276 Resp: 403533
Ion Ratio Lower Upper
276 100
277 22.2 19.1 28.7
138 19.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024862.D
Acq On : 06 Jun 2025 11:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 15:53:04 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	222073	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	929717	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	594373	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1185891	20.000	ng	-0.01
76) Chrysene-d12	21.472	240	1377321	20.000	ng	-0.01
86) Perylene-d12	24.718	264	1582534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	253023	19.018	ng	0.00
7) Phenol-d6	6.819	99	339256	19.273	ng	0.00
23) Nitrobenzene-d5	8.760	82	369077	19.290	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	156861	19.089	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	896004	20.308	ng	0.00
79) Terphenyl-d14	19.778	244	1478395	19.238	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	58704	10.028	ng	98
3) Pyridine	3.578	79	131346	9.330	ng	98
4) n-Nitrosodimethylamine	3.490	42	53104	9.227	ng	# 98
6) Aniline	6.961	93	210089	9.352	ng	99
8) 2-Chlorophenol	7.196	128	143265	9.499	ng	98
9) Benzaldehyde	6.772	77	115279m	11.330	ng	
10) Phenol	6.849	94	173645	9.569	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	141777	9.934	ng	99
12) 1,3-Dichlorobenzene	7.502	146	168166	9.995	ng	99
13) 1,4-Dichlorobenzene	7.643	146	167333	9.857	ng	99
14) 1,2-Dichlorobenzene	7.960	146	181774	10.904	ng	98
15) Benzyl Alcohol	7.866	79	126194	9.341	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.131	45	192365	10.298	ng	96
17) 2-Methylphenol	8.078	107	127589	10.069	ng	98
18) Hexachloroethane	8.672	117	62735	9.815	ng	95
19) n-Nitroso-di-n-propyla...	8.413	70	122711	10.254	ng	97
20) 3+4-Methylphenols	8.408	107	167301	9.677	ng	94
22) Acetophenone	8.431	105	242331	10.317	ng	# 98
24) Nitrobenzene	8.802	77	163008	9.590	ng	99
25) Isophorone	9.325	82	315027	9.500	ng	100
26) 2-Nitrophenol	9.513	139	72892	8.692	ng	97
27) 2,4-Dimethylphenol	9.590	122	132781	9.251	ng	97
28) bis(2-Chloroethoxy)met...	9.802	93	189690	9.590	ng	98
29) 2,4-Dichlorophenol	10.072	162	126522	9.187	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	148252	9.544	ng	97
31) Naphthalene	10.425	128	474962	9.969	ng	99
32) Benzoic acid	9.731	122	74032m	7.736	ng	
33) 4-Chloroaniline	10.566	127	186400	9.338	ng	98
34) Hexachlorobutadiene	10.707	225	92498	9.880	ng	97
35) Caprolactam	11.337	113	45366	8.949	ng	98
36) 4-Chloro-3-methylphenol	11.707	107	149607	9.418	ng	97
37) 2-Methylnaphthalene	12.043	142	296478	9.810	ng	98
38) 1-Methylnaphthalene	12.266	142	316179	9.786	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	166771	9.888	ng	99
41) Hexachlorocyclopentadiene	12.396	237	76916	7.477	ng	97
43) 2,4,6-Trichlorophenol	12.684	196	104746	9.248	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024862.D
 Acq On : 06 Jun 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 15:53:04 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	112735	9.294	ng	99
46) 1,1'-Biphenyl	13.072	154	432819	10.020	ng	99
47) 2-Chloronaphthalene	13.113	162	328060	9.882	ng	98
48) 2-Nitroaniline	13.337	65	96210	9.426	ng	100
49) Acenaphthylene	13.966	152	550191	9.939	ng	98
50) Dimethylphthalate	13.707	163	430821	9.826	ng	100
51) 2,6-Dinitrotoluene	13.831	165	89432	9.461	ng	93
52) Acenaphthene	14.313	154	316133	9.967	ng	98
53) 3-Nitroaniline	14.184	138	86690	8.838	ng	97
54) 2,4-Dinitrophenol	14.413	184	34890	10.838	ng	97
55) Dibenzofuran	14.660	168	511434	10.045	ng	100
56) 4-Nitrophenol	14.572	139	42087	10.135	ng	92
57) 2,4-Dinitrotoluene	14.643	165	123499	9.340	ng	97
58) Fluorene	15.319	166	414235	10.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	103935	9.573	ng	99
60) Diethylphthalate	15.090	149	437955	10.022	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	198649	9.878	ng	98
62) 4-Nitroaniline	15.372	138	69780	7.841	ng	95
63) Azobenzene	15.619	77	396356	9.890	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	60252	7.732	ng	92
66) n-Nitrosodiphenylamine	15.537	169	360674	9.812	ng	98
67) 4-Bromophenyl-phenylether	16.231	248	127516	9.530	ng	98
68) Hexachlorobenzene	16.342	284	158870	9.794	ng	97
69) Atrazine	16.519	200	125777	9.439	ng	99
70) Pentachlorophenol	16.719	266	62407	7.434	ng	98
71) Phenanthrene	17.089	178	657004	10.025	ng	99
72) Anthracene	17.195	178	648264	9.767	ng	99
73) Carbazole	17.484	167	600475	9.761	ng	100
74) Di-n-butylphthalate	18.060	149	738469	9.688	ng	99
75) Fluoranthene	19.183	202	763158	10.047	ng	98
77) Benzidine	19.401	184	352835	8.271	ng	99
78) Pyrene	19.554	202	823026	9.565	ng	99
80) Butylbenzylphthalate	20.507	149	364314	9.243	ng	97
81) Benzo(a)anthracene	21.448	228	850043	9.650	ng	99
82) 3,3'-Dichlorobenzidine	21.377	252	322154	9.212	ng	99
83) Chrysene	21.519	228	808582	9.687	ng	100
84) Bis(2-ethylhexyl)phtha...	21.389	149	536981	9.509	ng	100
85) Di-n-octyl phthalate	22.619	149	909174	9.134	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	1109298	9.607	ng	99
88) Benzo(b)fluoranthene	23.689	252	873515m	9.645	ng	
89) Benzo(k)fluoranthene	23.760	252	905265	9.819	ng	99
90) Benzo(a)pyrene	24.566	252	845698	9.562	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	904527	9.624	ng	99
92) Benzo(g,h,i)perylene	29.542	276	891492	9.560	ng	97

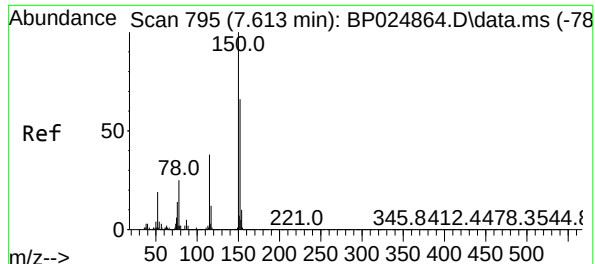
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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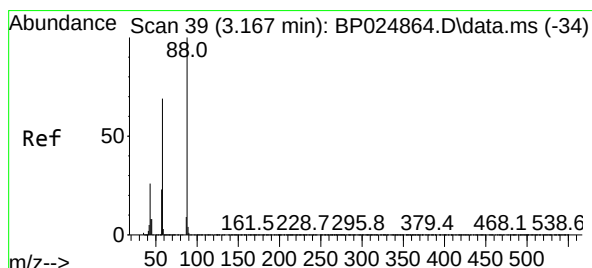
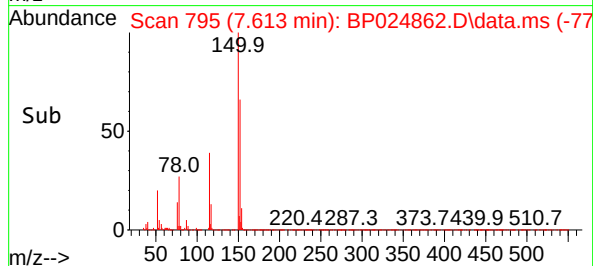
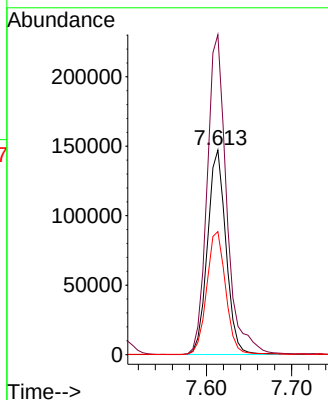
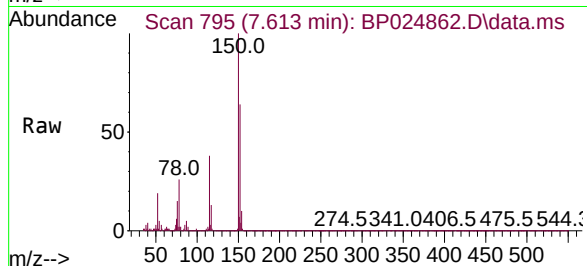
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 152 Resp: 222073
Ion Ratio Lower Upper
152 100
150 156.5 122.1 183.1
115 60.1 46.4 69.6

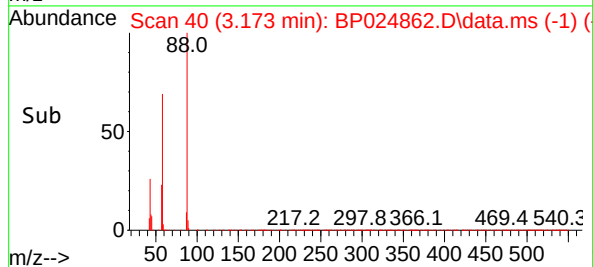
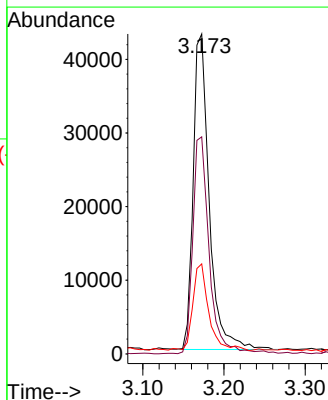
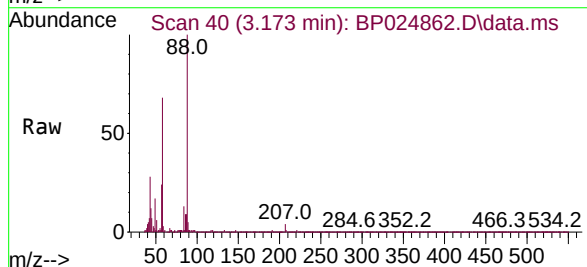
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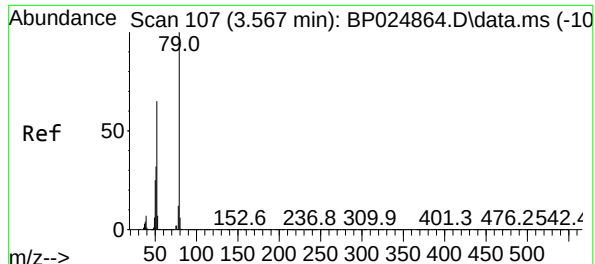
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 10.028 ng
RT: 3.173 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

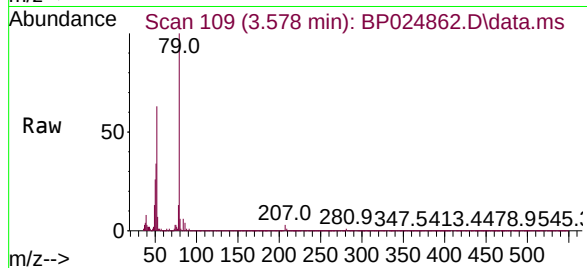
Tgt Ion: 88 Resp: 58704
Ion Ratio Lower Upper
88 100
58 70.3 55.4 83.0
43 27.4 20.8 31.2





#3
Pyridine
Concen: 9.330 ng
RT: 3.578 min Scan# 10
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

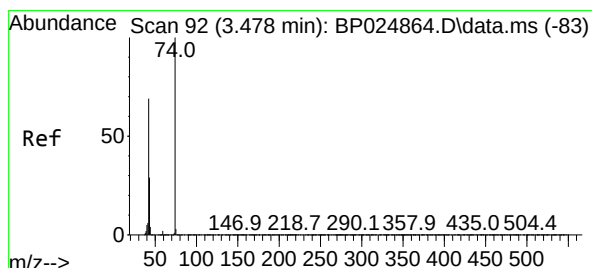
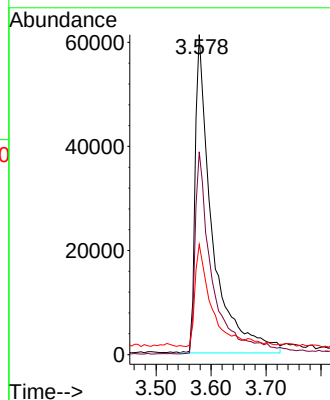
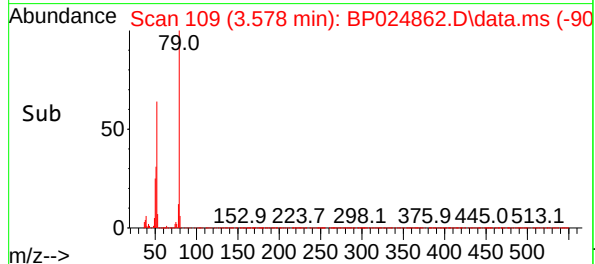
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 131346
Ion Ratio Lower Upper
79 100
52 63.4 51.6 77.4
51 34.4 25.5 38.3

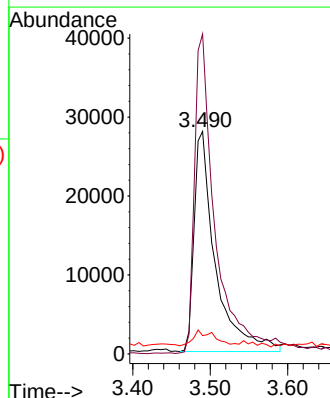
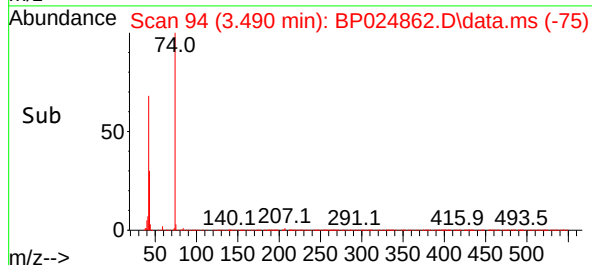
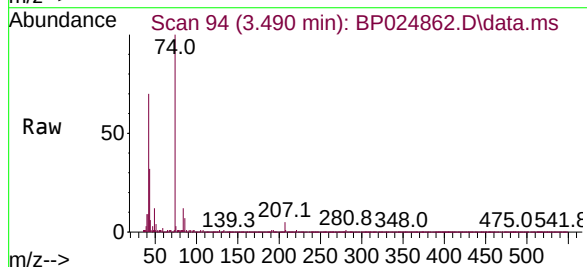
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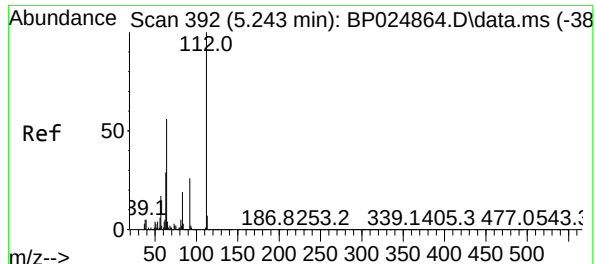
Reviewed By :Rahul Chavli 06/09/2025
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#4
n-Nitrosodimethylamine
Concen: 9.227 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 42 Resp: 53104
Ion Ratio Lower Upper
42 100
74 143.9 116.6 174.8
44 8.2 5.4 8.0





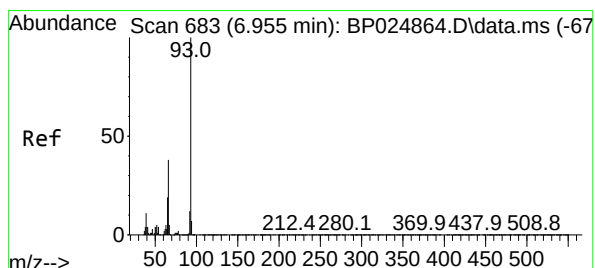
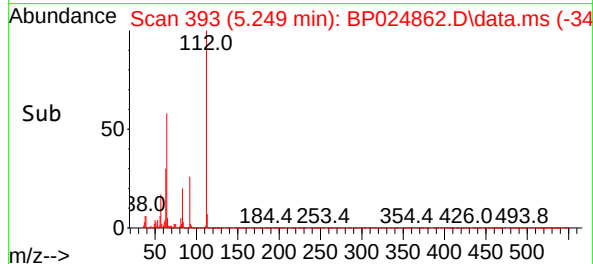
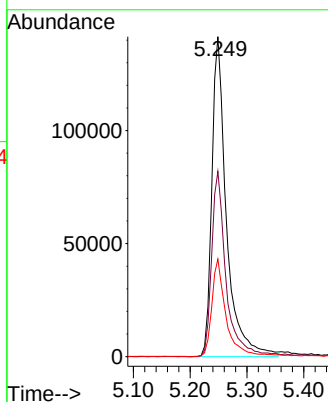
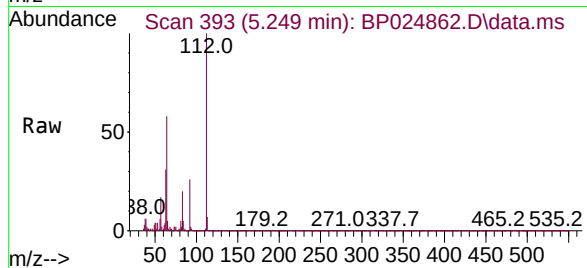
#5
2-Fluorophenol
Concen: 19.018 ng
RT: 5.249 min Scan# 392
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 112 Resp: 253023
Ion Ratio Lower Upper
112 100
64 57.9 44.7 67.1
63 30.5 23.5 35.3

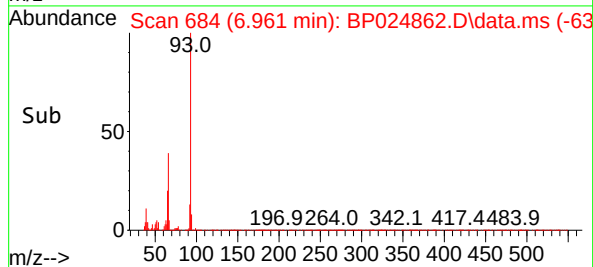
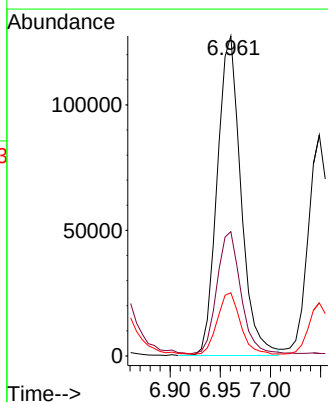
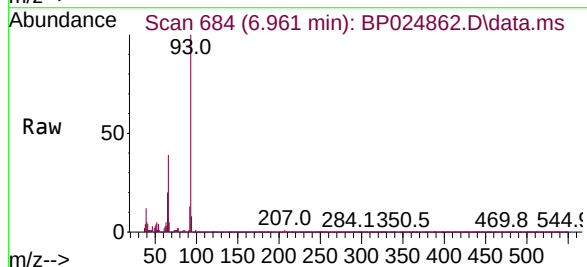
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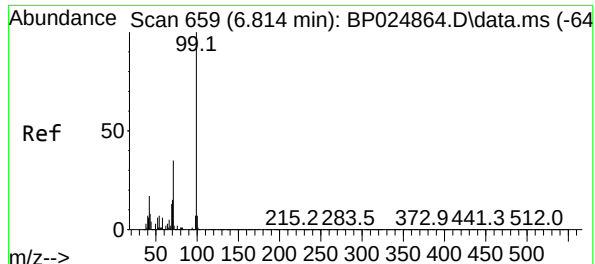
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#6
Aniline
Concen: 9.352 ng
RT: 6.961 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

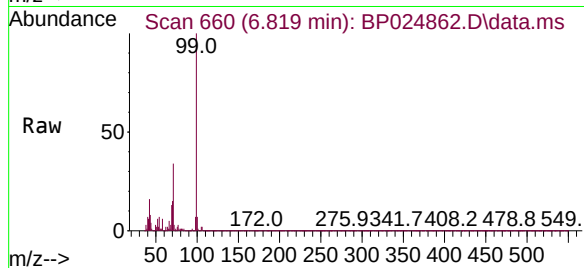
Tgt Ion: 93 Resp: 210089
Ion Ratio Lower Upper
93 100
66 38.8 30.9 46.3
65 19.7 15.5 23.3





#7
Phenol-d6
Concen: 19.273 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

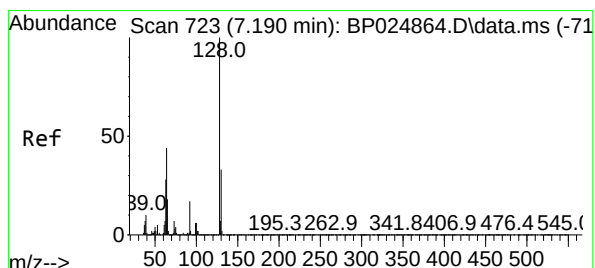
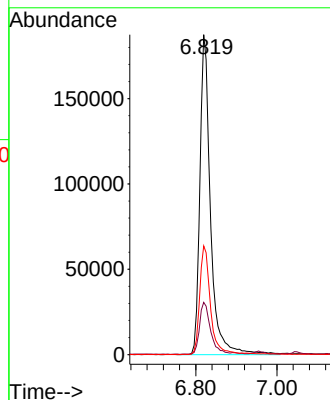
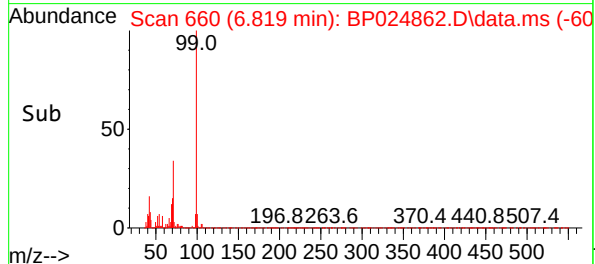
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



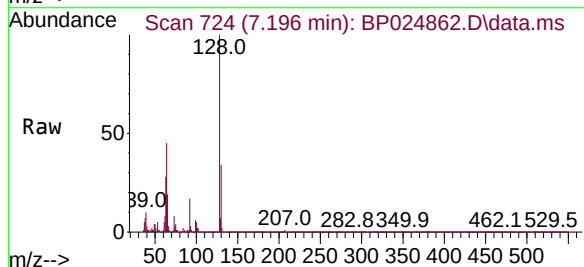
Tgt Ion: 99 Resp: 339256
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 34.0 27.6 41.4

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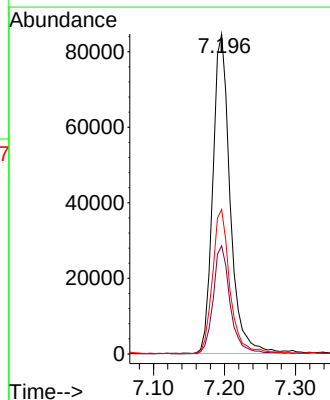
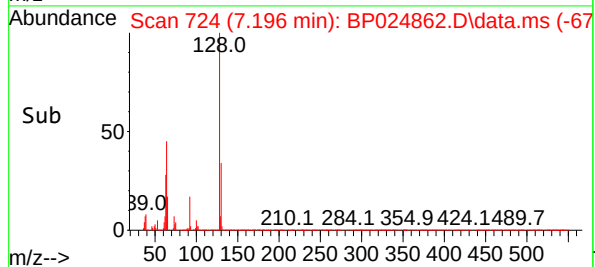
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

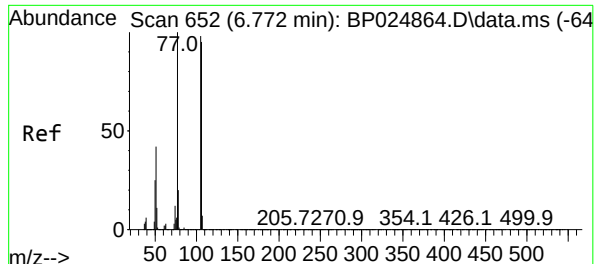


#8
2-Chlorophenol
Concen: 9.499 ng
RT: 7.196 min Scan# 724
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



Tgt Ion:128 Resp: 143265
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 45.2 24.1 64.1





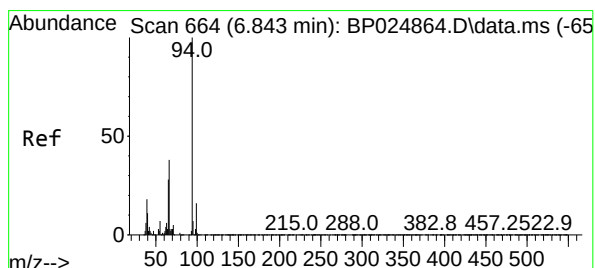
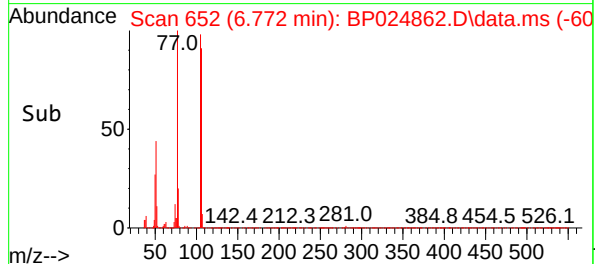
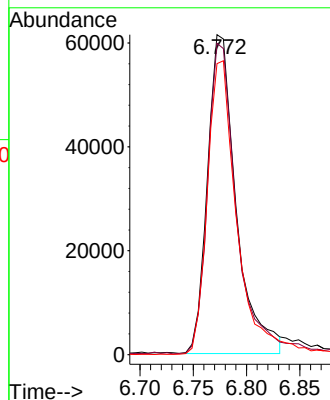
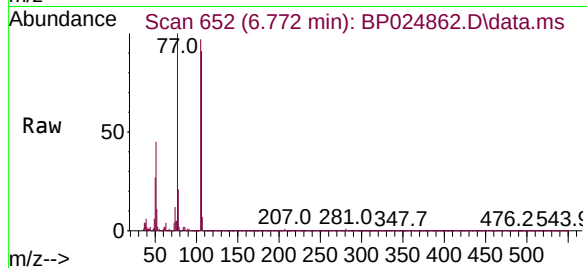
#9
Benzaldehyde
Concen: 11.330 ng m
RT: 6.772 min Scan# 652
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 115279
Ion Ratio Lower Upper
77 100
105 97.3 77.7 117.7
106 90.9 74.8 114.8

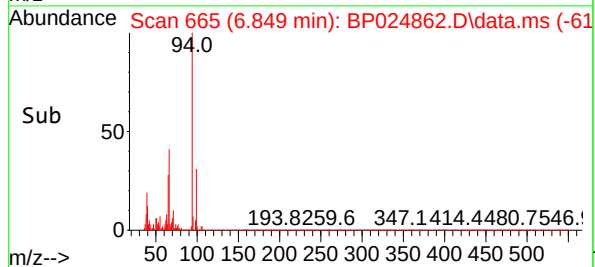
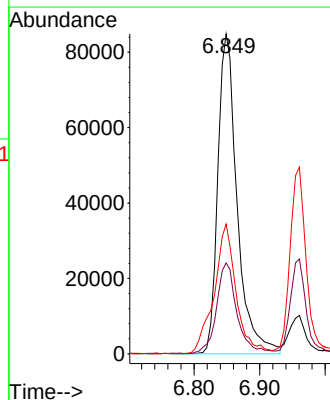
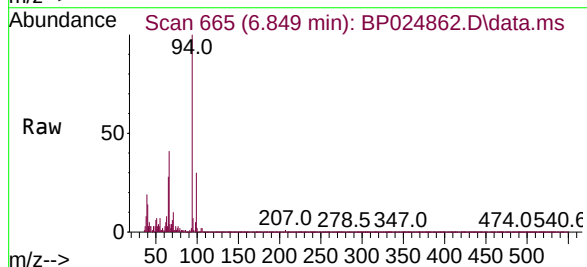
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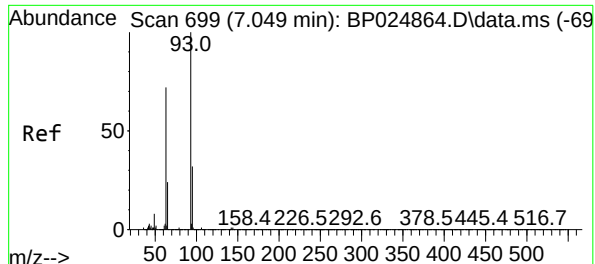
Reviewed By :Rahul Chavli 06/09/2025
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#10
Phenol
Concen: 9.569 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 94 Resp: 173645
Ion Ratio Lower Upper
94 100
65 28.4 8.3 48.3
66 40.6 18.2 58.2





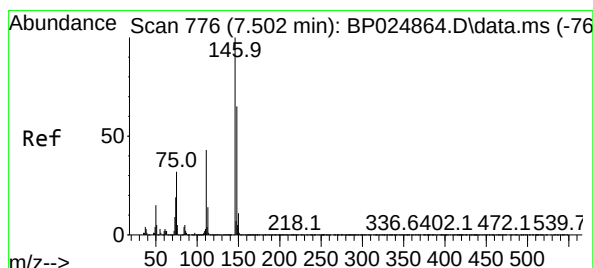
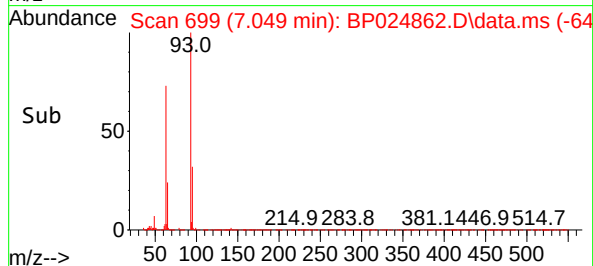
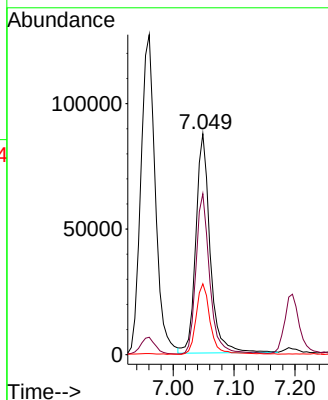
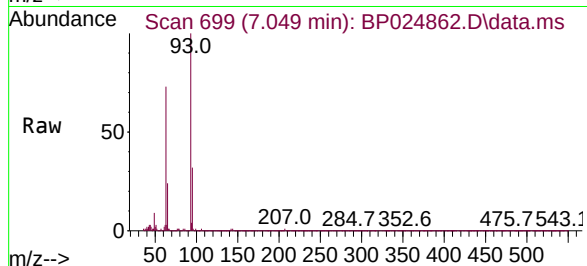
#11
bis(2-Chloroethyl)ether
Concen: 9.934 ng
RT: 7.049 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 141777
Ion Ratio Lower Upper
93 100
63 72.9 51.6 91.6
95 32.1 12.1 52.1

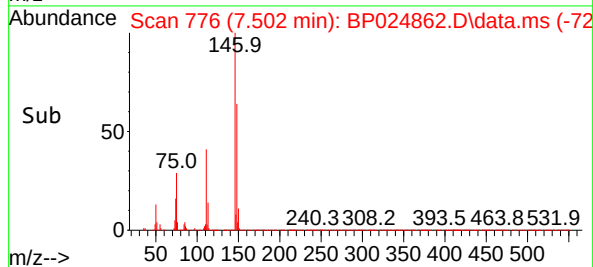
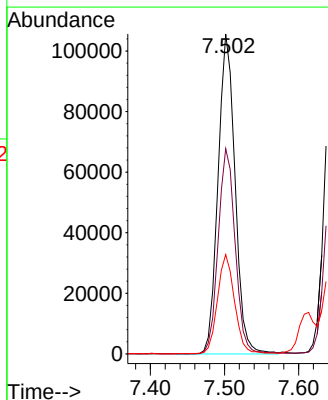
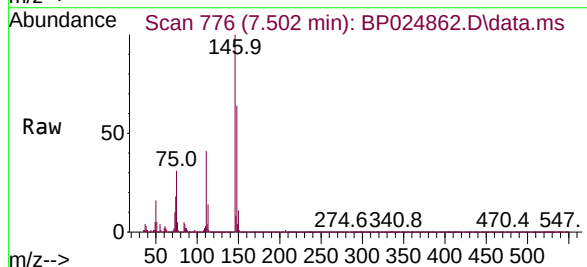
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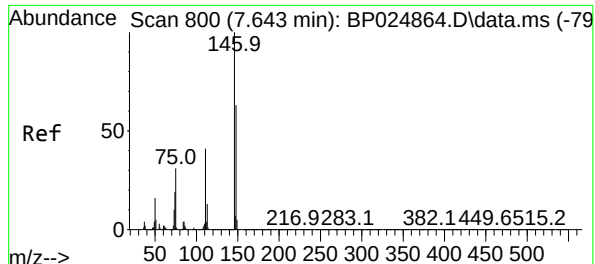
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#12
1,3-Dichlorobenzene
Concen: 9.995 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:146 Resp: 168166
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.0 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 9.857 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 16733

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

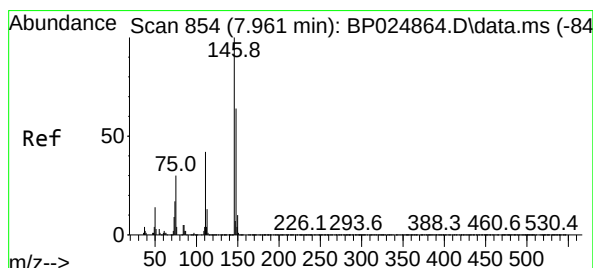
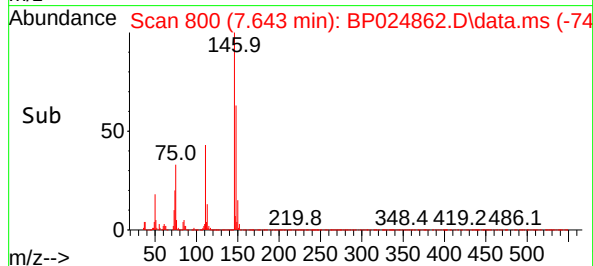
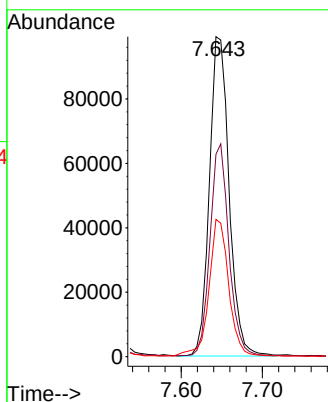
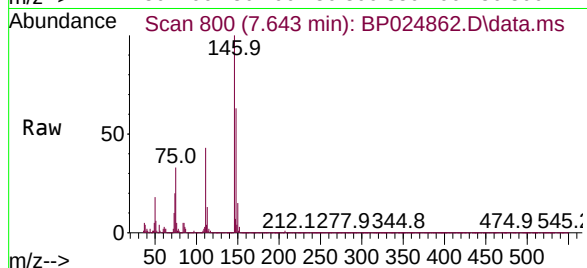
111 42.9 32.7 49.1

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#14

1,2-Dichlorobenzene

Concen: 10.904 ng

RT: 7.960 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

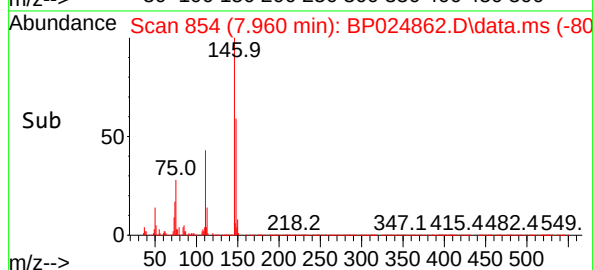
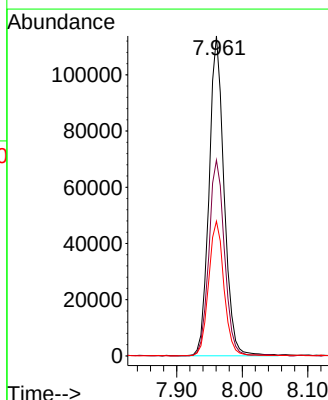
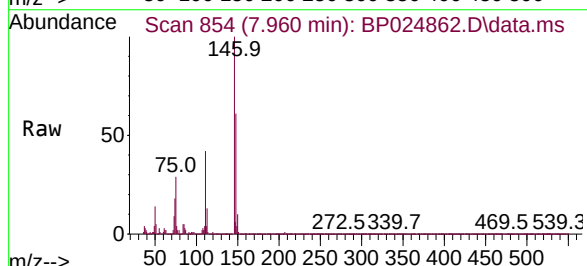
Tgt Ion:146 Resp: 181774

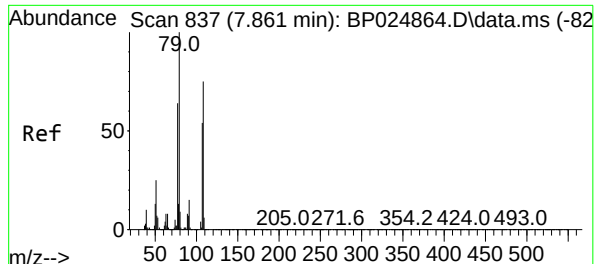
Ion Ratio Lower Upper

146 100

148 61.2 51.0 76.4

111 42.1 33.8 50.8





#15

Benzyl Alcohol

Concen: 9.341 ng

RT: 7.866 min Scan# 837

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

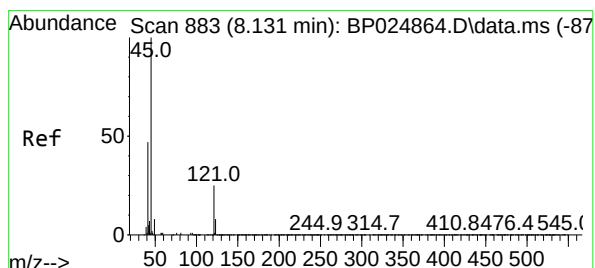
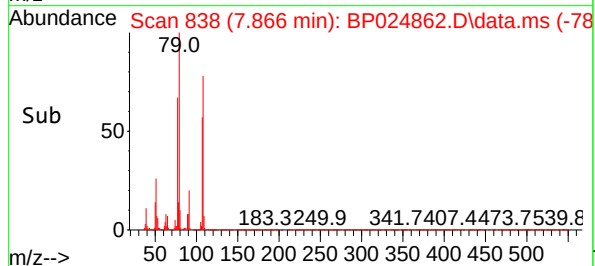
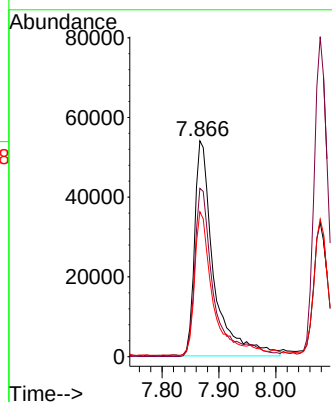
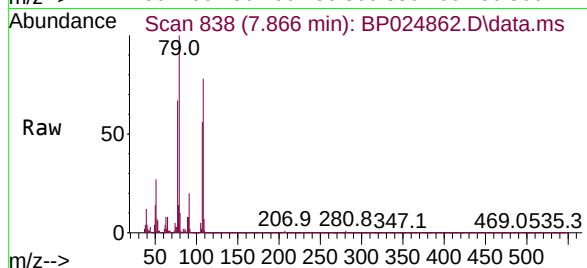
SSTDICC010

Tgt Ion:	79	Resp:	126194
Ion	Ratio	Lower	Upper
79	100		
108	78.0	60.2	90.4
77	67.2	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.298 ng

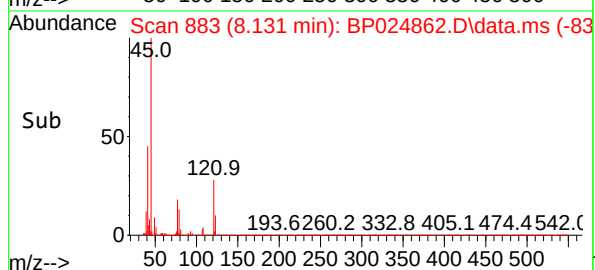
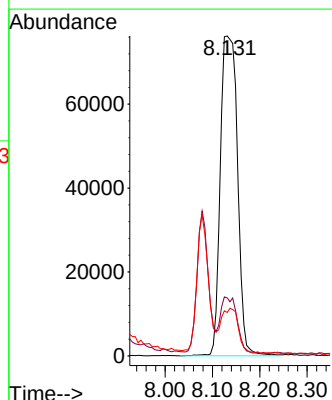
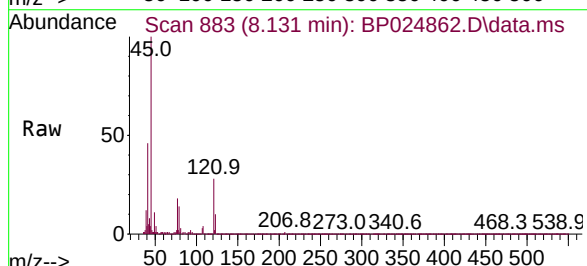
RT: 8.131 min Scan# 883

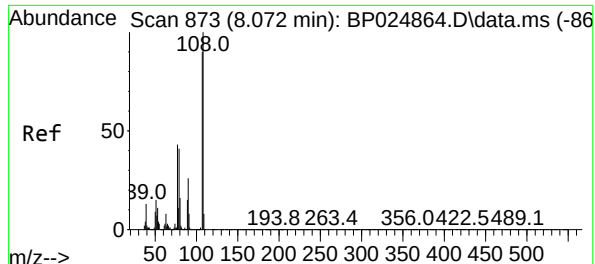
Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:	45	Resp:	192365
Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	36.3
79	13.6	0.0	32.2





#17

2-Methylphenol

Concen: 10.069 ng

RT: 8.078 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP024862.D

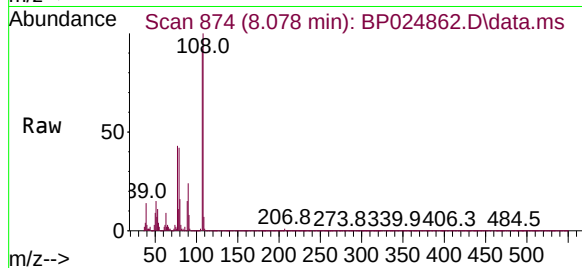
Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDIC010



Tgt Ion:107 Resp: 127589

Ion Ratio Lower Upper

107 100

108 108.1 88.6 132.8

77 46.5 38.5 57.7

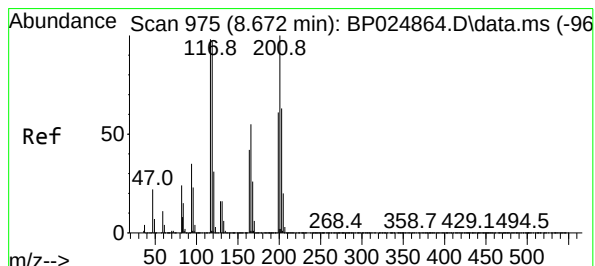
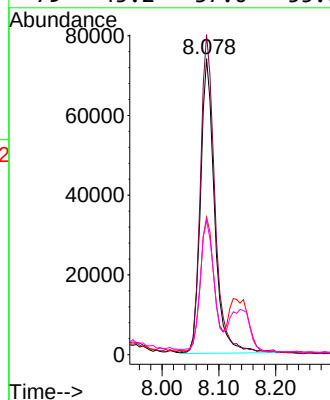
79 45.2 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#18

Hexachloroethane

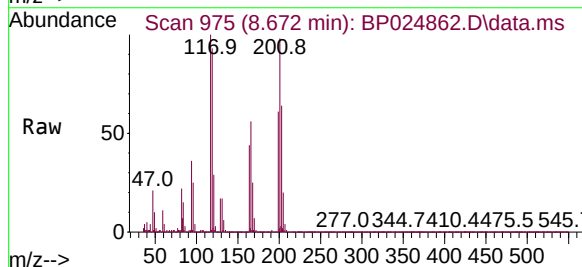
Concen: 9.815 ng

RT: 8.672 min Scan# 975

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52



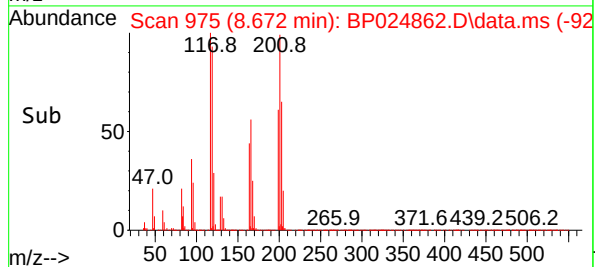
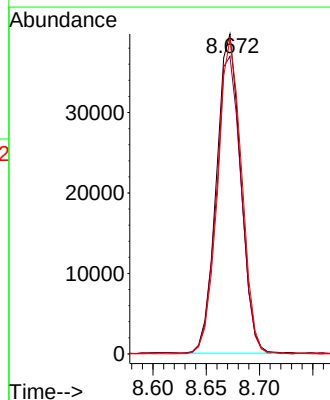
Tgt Ion:117 Resp: 62735

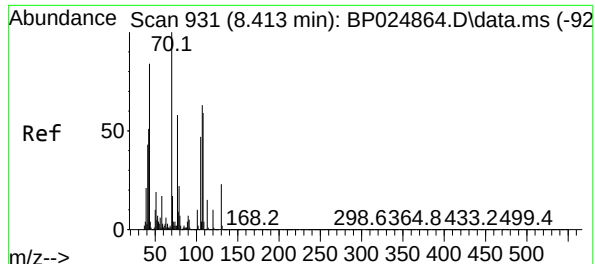
Ion Ratio Lower Upper

117 100

119 93.0 79.4 119.2

201 98.5 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.254 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 12271

Ion Ratio Lower Upper

70 100

42 54.1 41.2 61.8

101 10.9 8.3 12.5

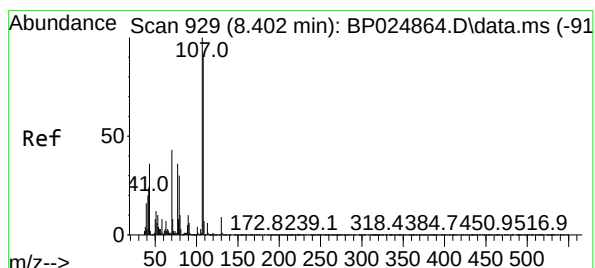
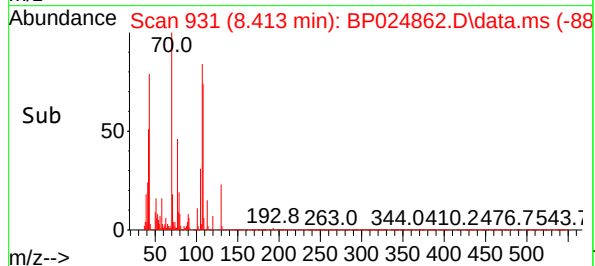
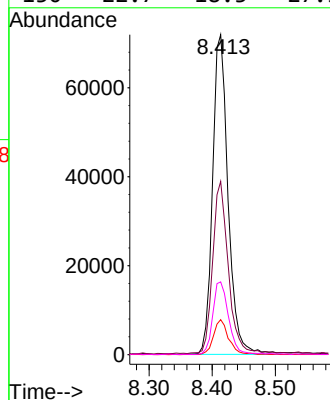
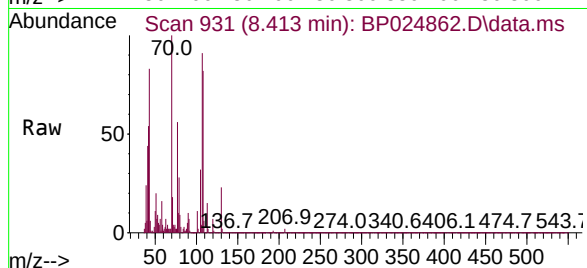
130 22.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#20

3+4-Methylphenols

Concen: 9.677 ng

RT: 8.408 min Scan# 930

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:107 Resp: 167301

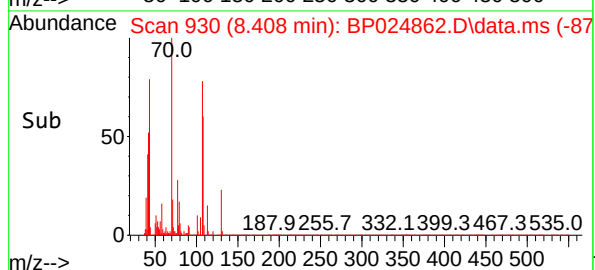
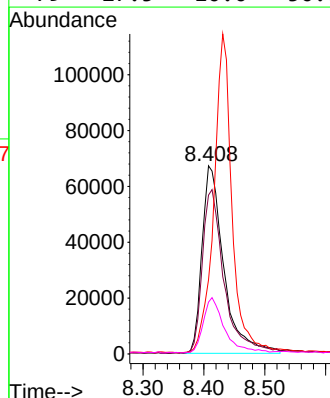
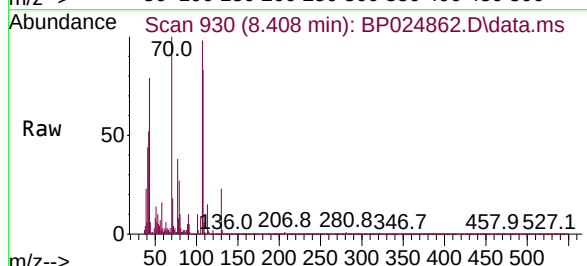
Ion Ratio Lower Upper

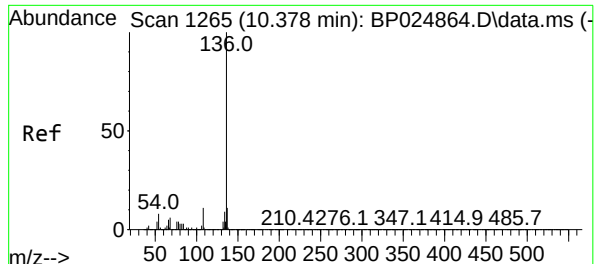
107 100

108 84.4 70.7 110.7

77 39.3 16.6 56.6

79 27.5 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

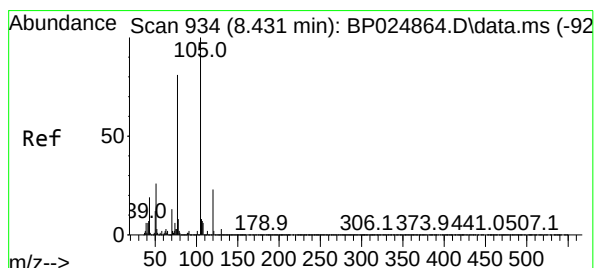
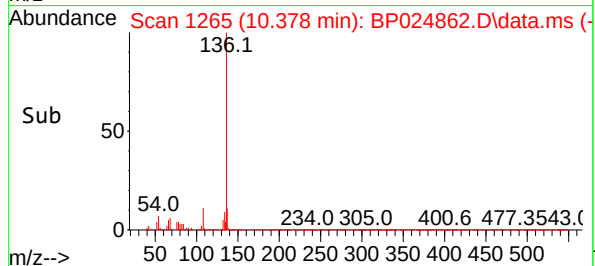
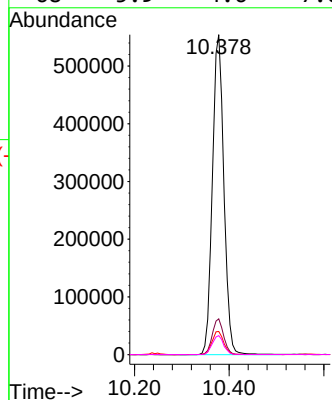
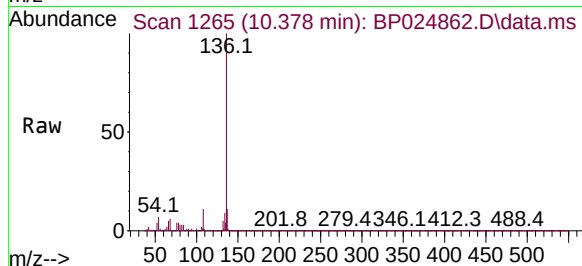
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.9	4.6	7.0

Manual Integrations
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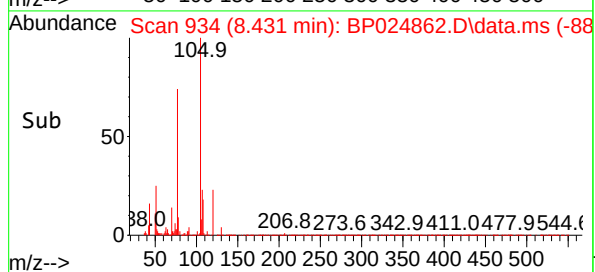
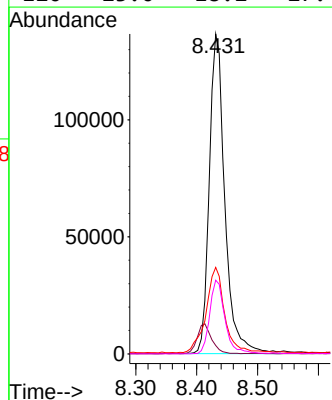
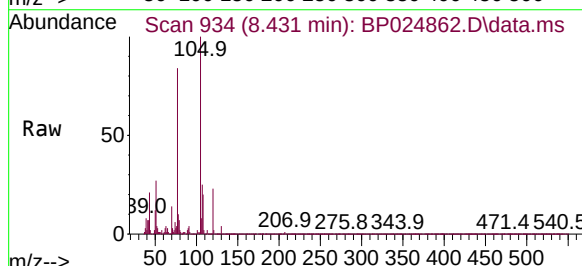
Reviewed By :Rahul Chavli 06/09/2025

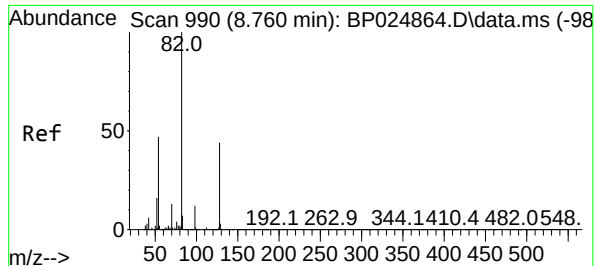
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 10.317 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.6	2.4
51	27.0	20.6	31.0
120	23.0	18.2	27.4





#23

Nitrobenzene-d5

Concen: 19.290 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

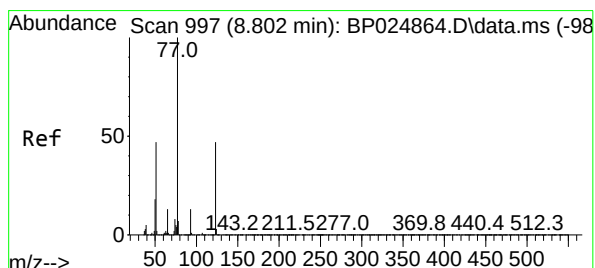
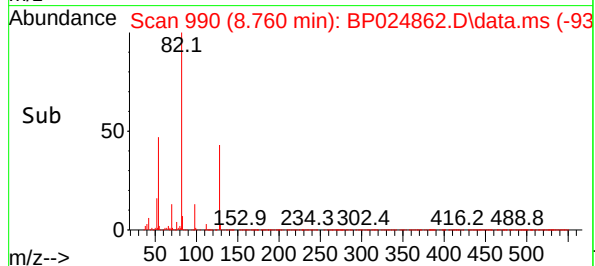
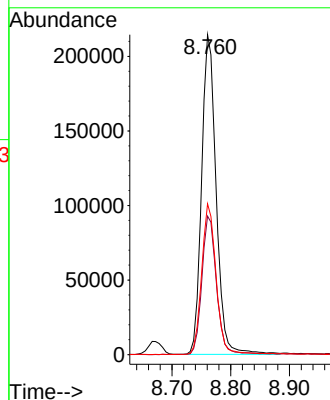
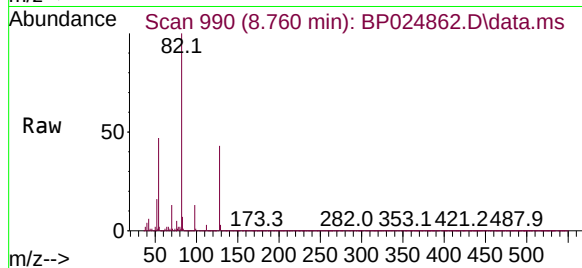
SSTDIC010

Tgt Ion:	82	Resp:	36907
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.3	52.9
54	47.2	37.4	56.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 9.590 ng

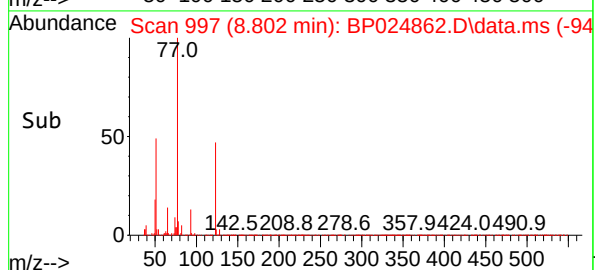
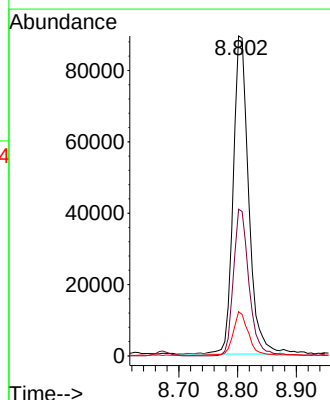
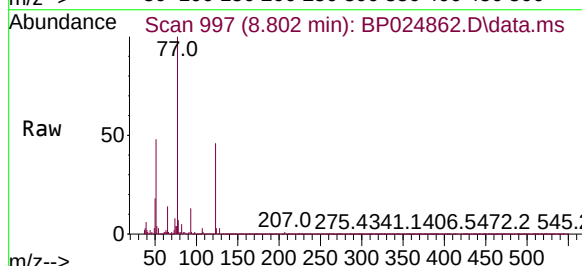
RT: 8.802 min Scan# 997

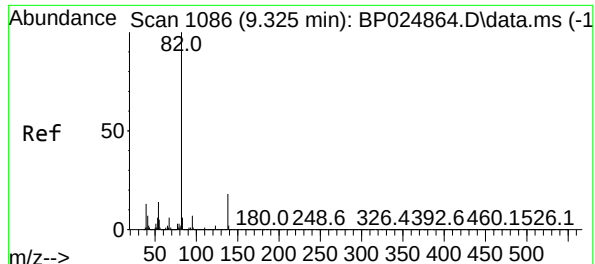
Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:	77	Resp:	163008
Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.3	55.9
65	13.8	10.8	16.2





#25

Isophorone

Concen: 9.500 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

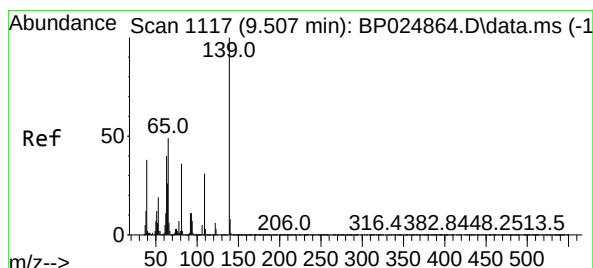
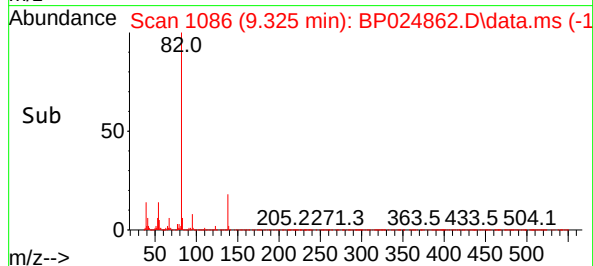
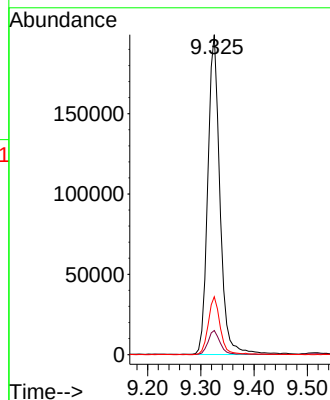
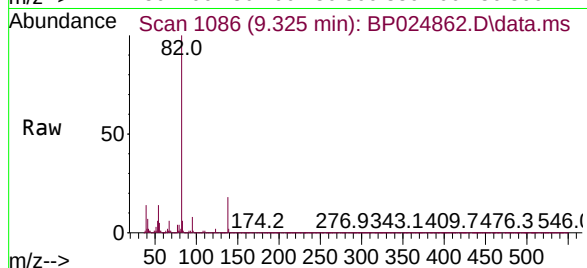
SSTDICC010

Tgt Ion:	82	Resp:	31502
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.9	8.9
138	18.1	14.6	21.8

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#26

2-Nitrophenol

Concen: 8.692 ng

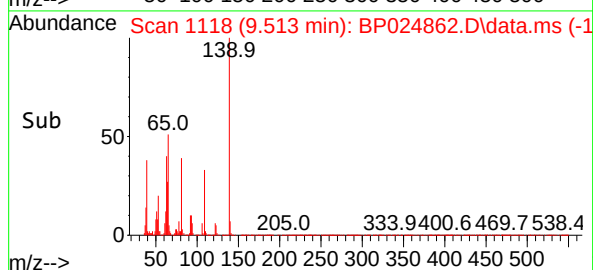
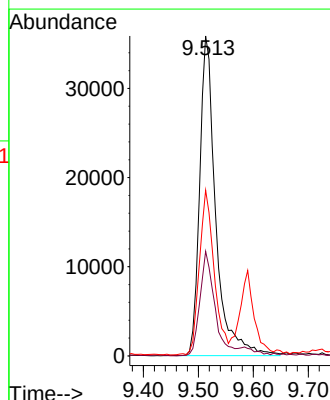
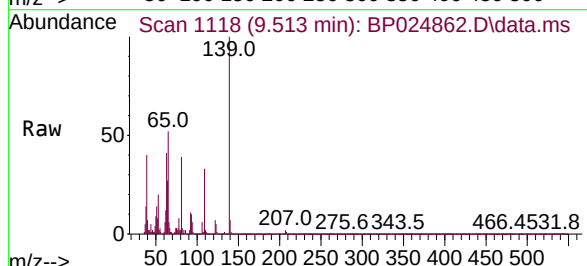
RT: 9.513 min Scan# 1118

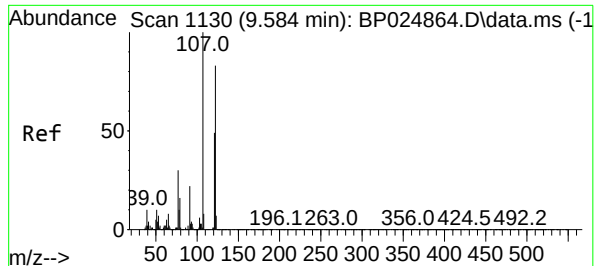
Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:	139	Resp:	72892
Ion Ratio	Lower	Upper	
139	100		
109	32.7	24.6	37.0
65	51.8	39.5	59.3





#27

2,4-Dimethylphenol

Concen: 9.251 ng

RT: 9.590 min Scan# 1130

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 13278

Ion Ratio Lower Upper

122 100

107 116.3 96.2 144.4

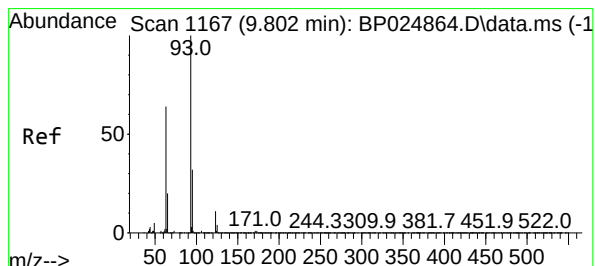
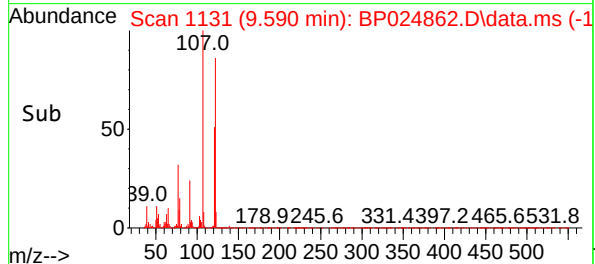
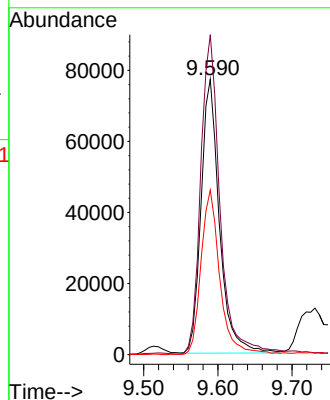
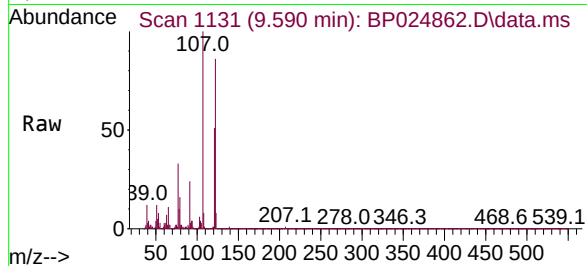
121 59.8 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.590 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

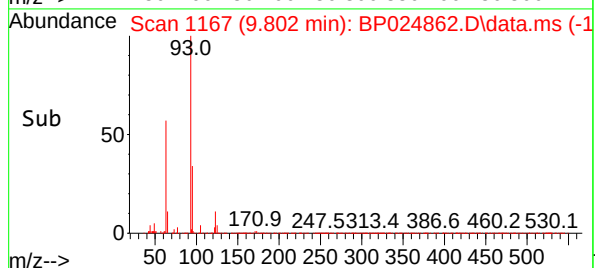
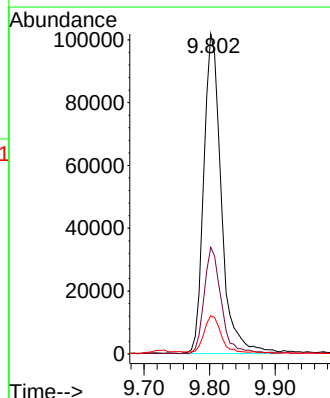
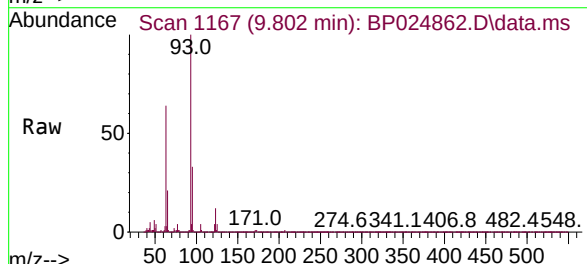
Tgt Ion: 93 Resp: 189690

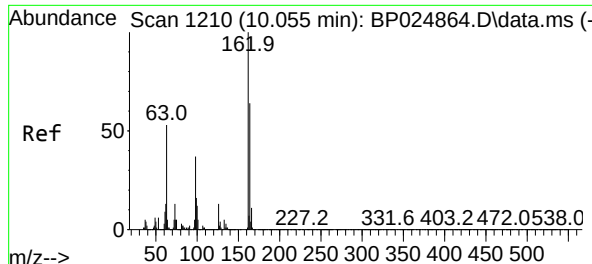
Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 9.187 ng

RT: 10.072 min Scan# 1210

Delta R.T. 0.018 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 12652

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

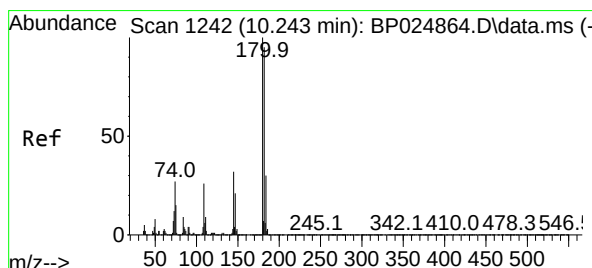
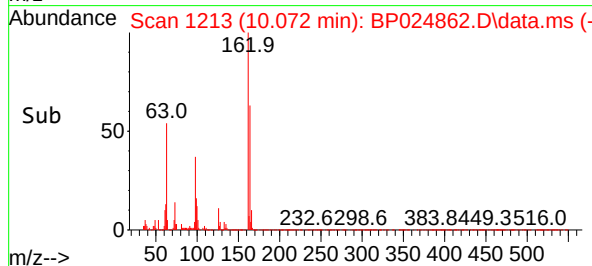
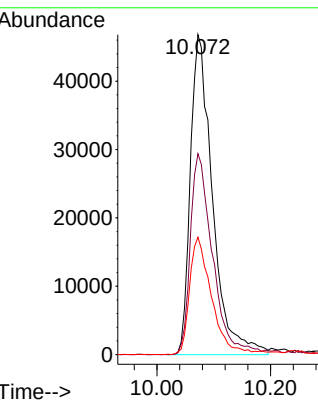
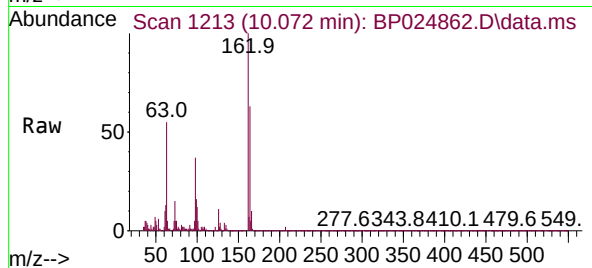
98 36.7 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.544 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

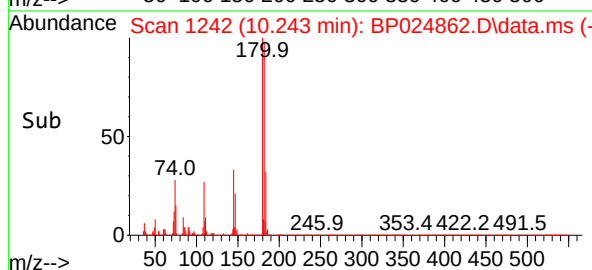
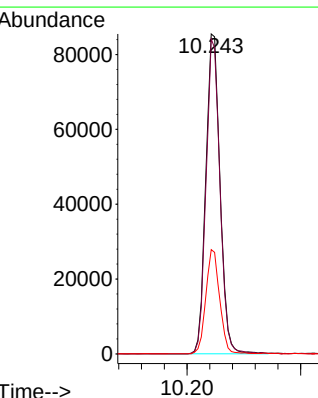
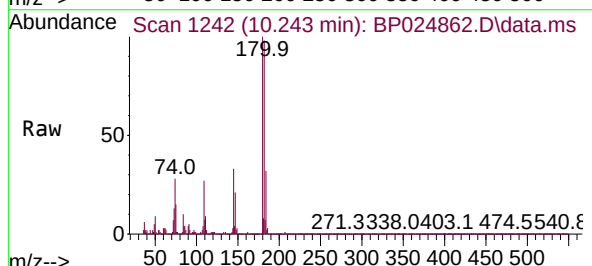
Tgt Ion:180 Resp: 148252

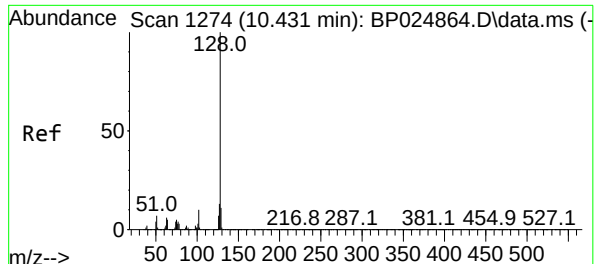
Ion Ratio Lower Upper

180 100

182 98.4 75.8 113.6

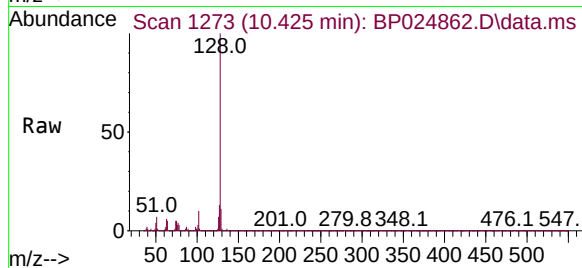
145 32.6 25.7 38.5





#31
Naphthalene
Concen: 9.969 ng
RT: 10.425 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

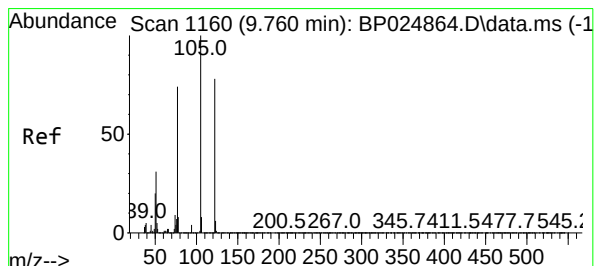
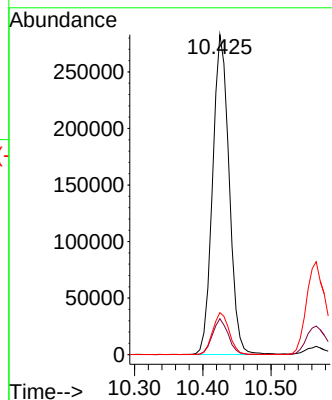
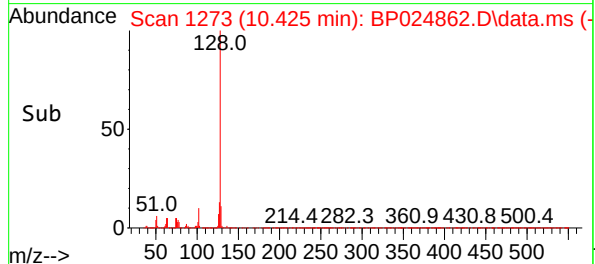
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion:128 Resp: 474962
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.7 16.1

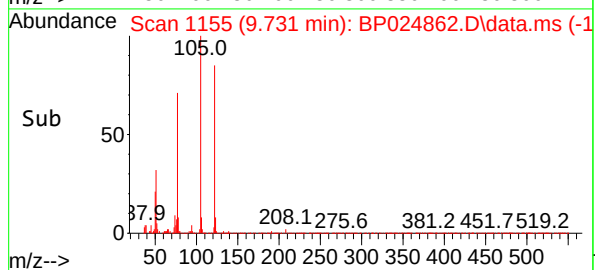
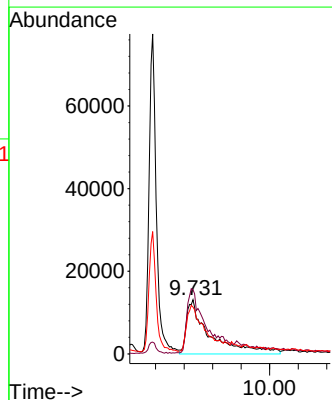
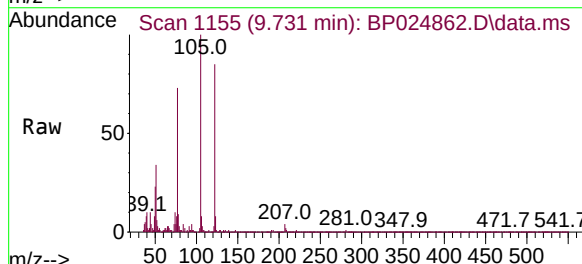
Manual Integrations
APPROVED

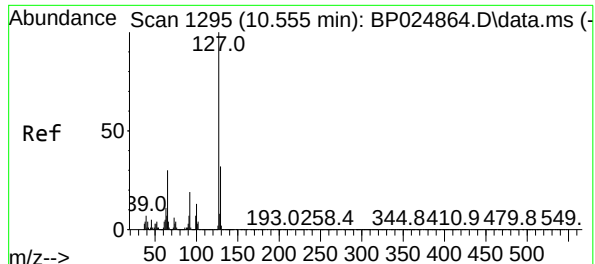
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 7.736 ng m
RT: 9.731 min Scan# 1155
Delta R.T. -0.029 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

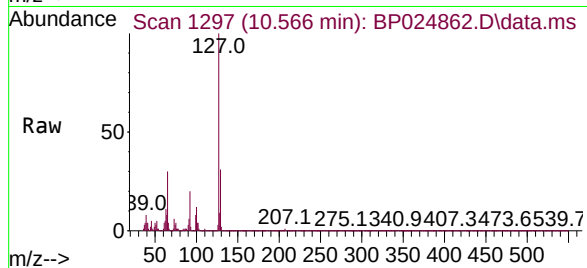
Tgt Ion:122 Resp: 74032
Ion Ratio Lower Upper
122 100
105 118.3 107.1 147.1
77 86.5 75.1 115.1





#33
4-Chloroaniline
Concen: 9.338 ng
RT: 10.566 min Scan# 1297
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

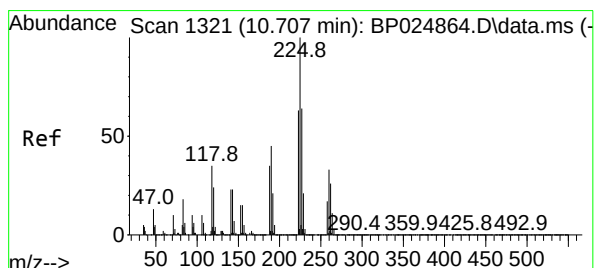
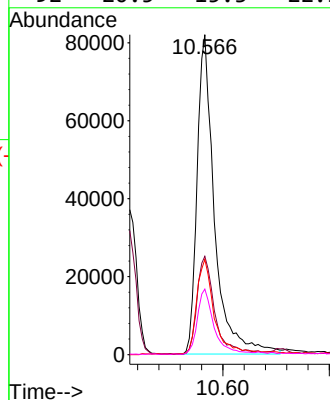
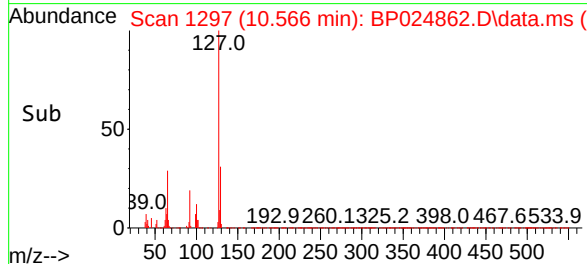
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 186400
Ion Ratio Lower Upper
127 100
129 30.7 25.9 38.9
65 29.7 23.9 35.9
92 20.5 15.3 22.9

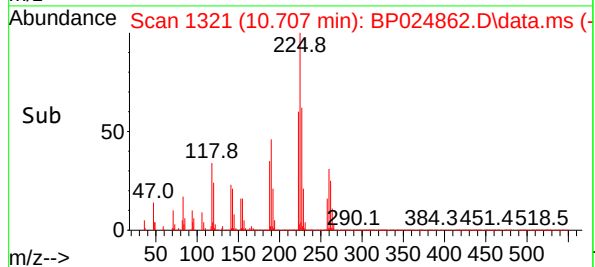
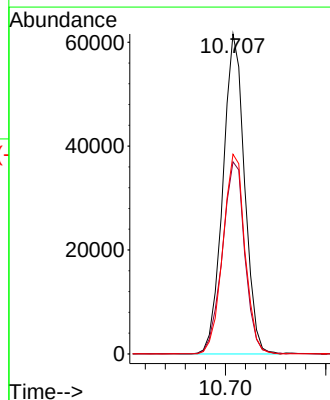
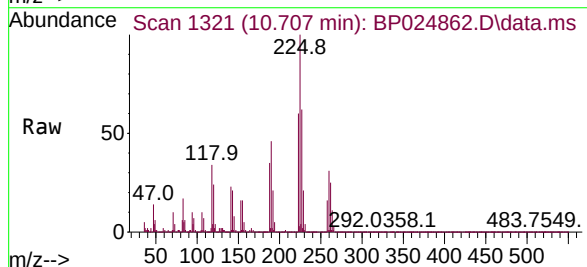
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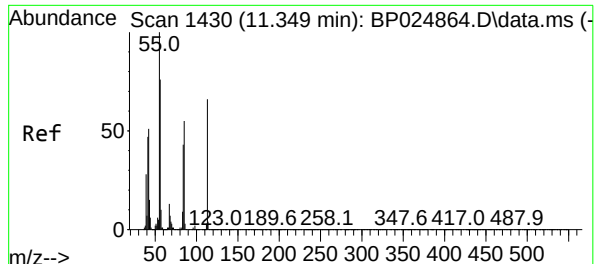
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#34
Hexachlorobutadiene
Concen: 9.880 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:225 Resp: 92498
Ion Ratio Lower Upper
225 100
223 60.0 50.5 75.7
227 62.4 51.4 77.2





#35

Caprolactam

Concen: 8.949 ng

RT: 11.337 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:113 Resp: 45366

Ion Ratio Lower Upper

113 100

55 148.2 132.5 172.5

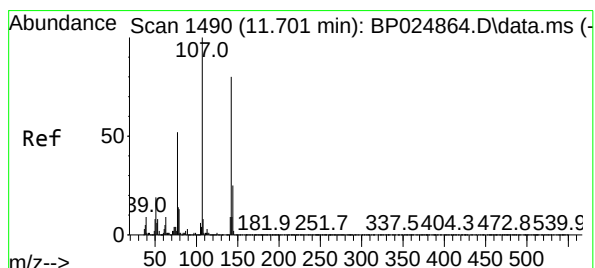
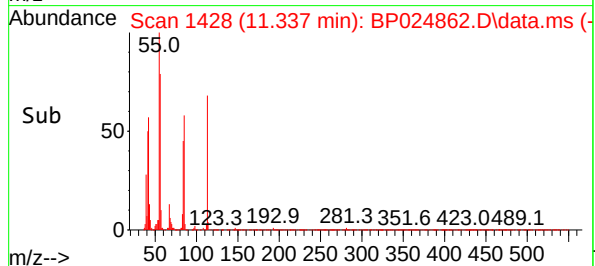
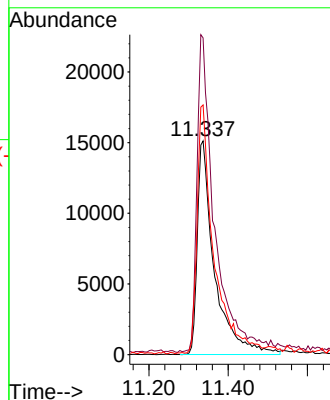
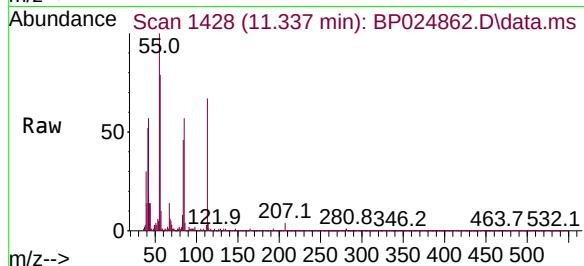
56 116.8 96.0 136.0

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#36

4-Chloro-3-methylphenol

Concen: 9.418 ng

RT: 11.707 min Scan# 1491

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

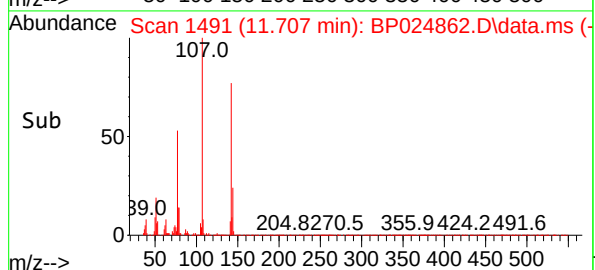
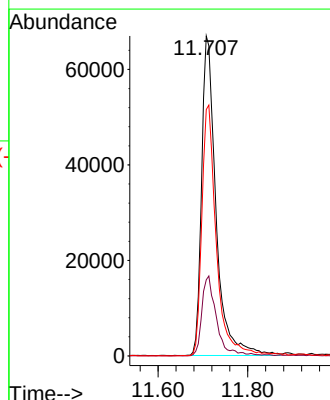
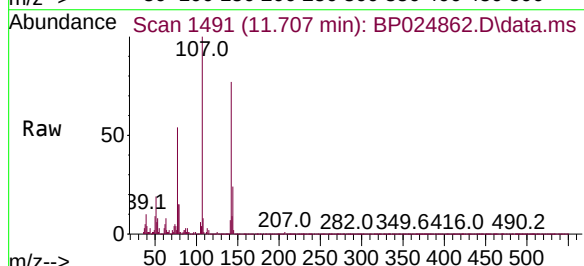
Tgt Ion:107 Resp: 149607

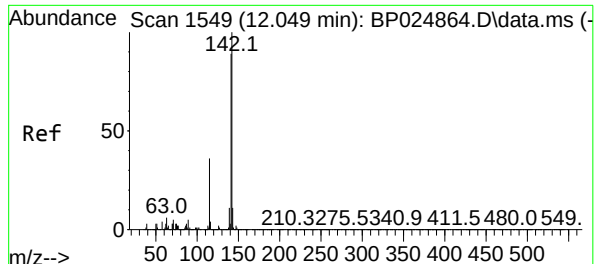
Ion Ratio Lower Upper

107 100

144 23.8 20.4 30.6

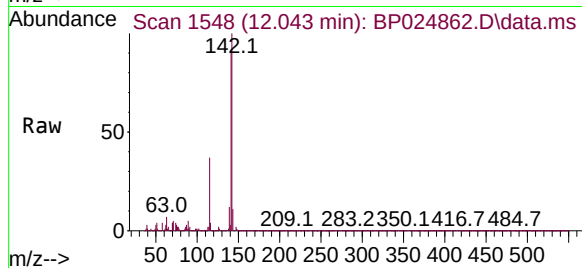
142 77.0 63.8 95.6





#37
2-Methylnaphthalene
Concen: 9.810 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

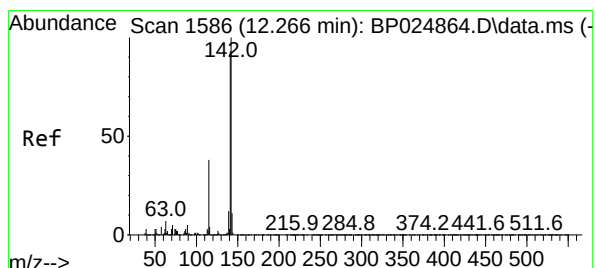
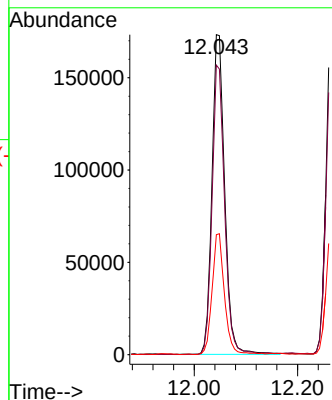
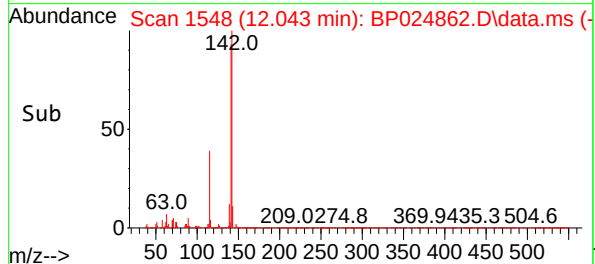
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



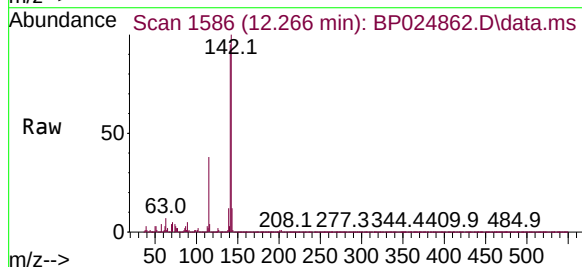
Tgt Ion:142 Resp: 296478
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
115 37.5 28.5 42.7

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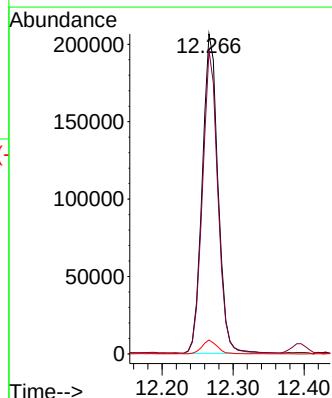
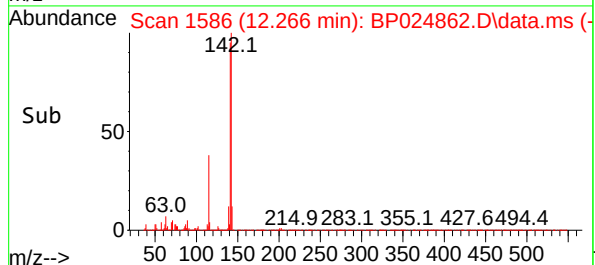
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

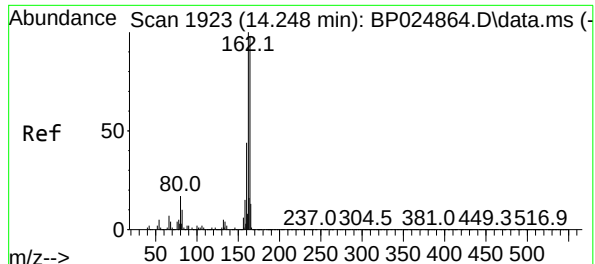


#38
1-Methylnaphthalene
Concen: 9.786 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



Tgt Ion:142 Resp: 316179
Ion Ratio Lower Upper
142 100
141 94.8 74.7 112.1
116 4.3 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDIC010

Tgt Ion:164 Resp: 594373

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

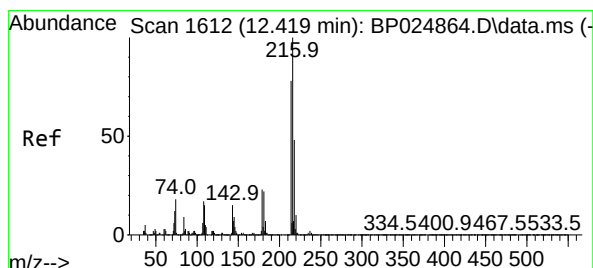
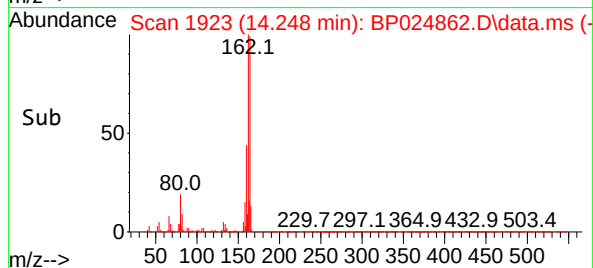
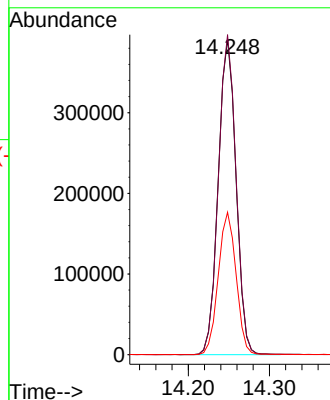
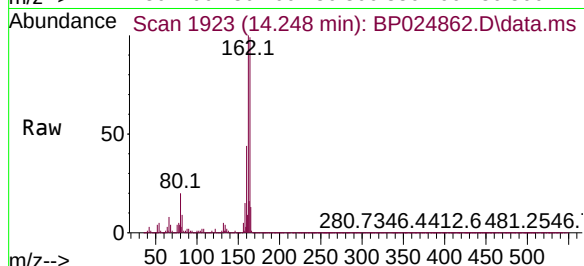
160 45.1 36.2 54.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.888 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:216 Resp: 166771

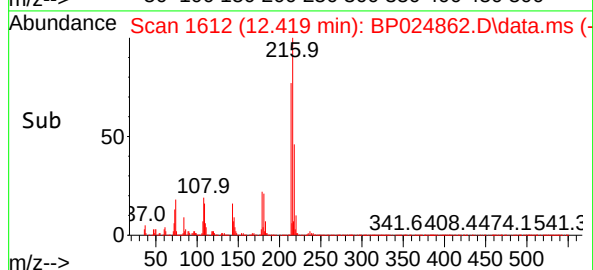
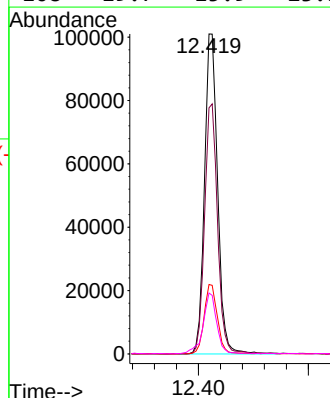
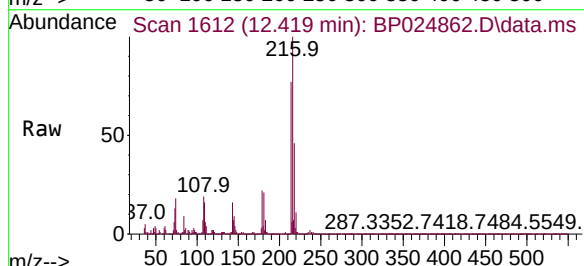
Ion Ratio Lower Upper

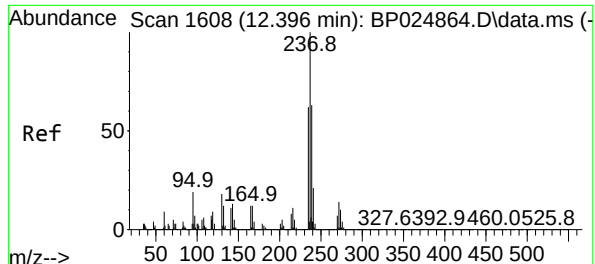
216 100

214 77.6 63.0 94.4

179 21.9 17.8 26.6

108 19.7 15.9 23.9





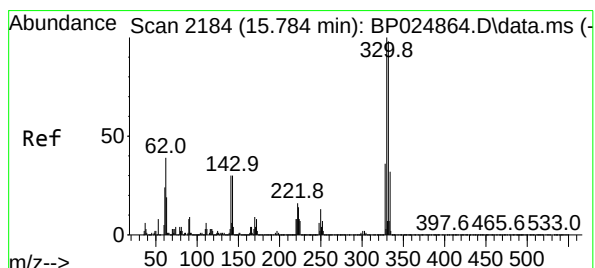
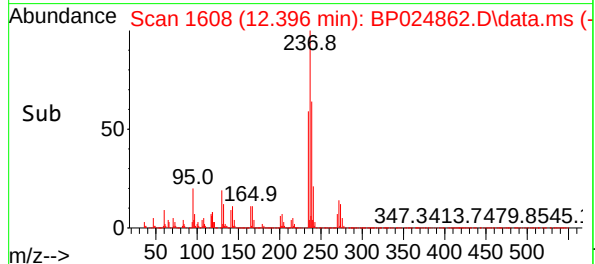
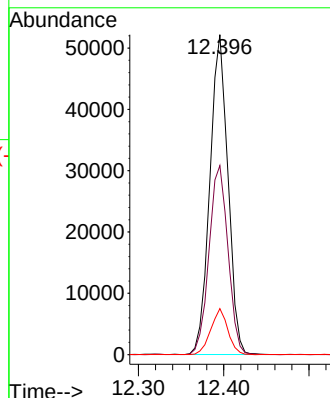
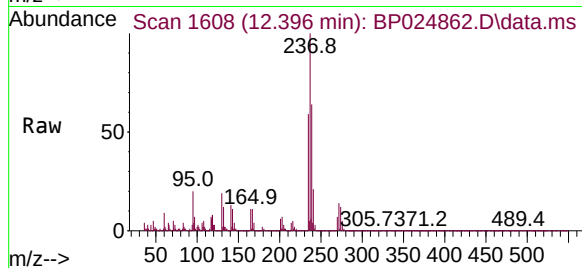
#41
Hexachlorocyclopentadiene
Concen: 7.477 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
Client Sample Id :
SSTDICC010

Tgt Ion: 237 Resp: 76916
Ion Ratio Lower Upper
237 100
235 59.1 41.9 81.9
272 14.4 0.0 33.7

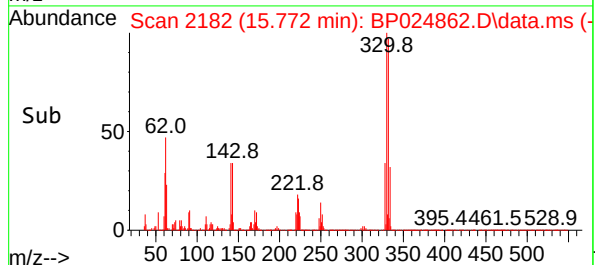
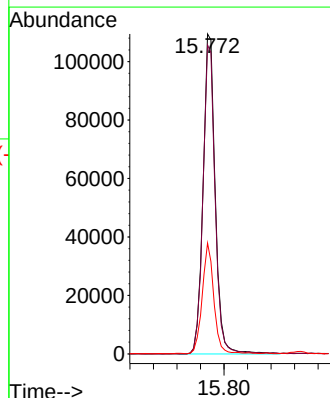
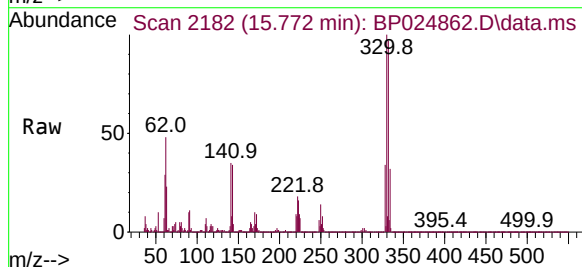
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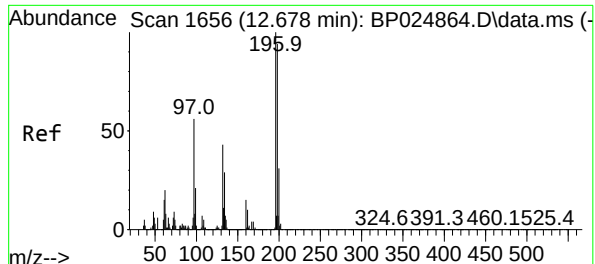
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#42
2,4,6-Tribromophenol
Concen: 19.089 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 330 Resp: 156861
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 9.248 ng

RT: 12.684 min Scan# 1656

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 104746

Ion Ratio Lower Upper

196 100

198 90.6 75.4 113.0

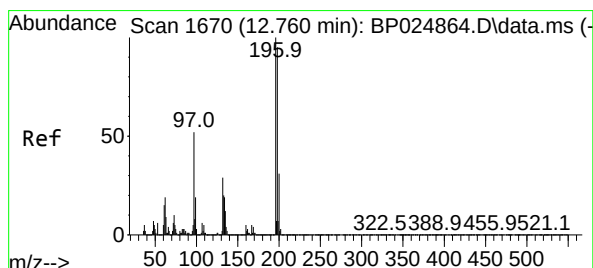
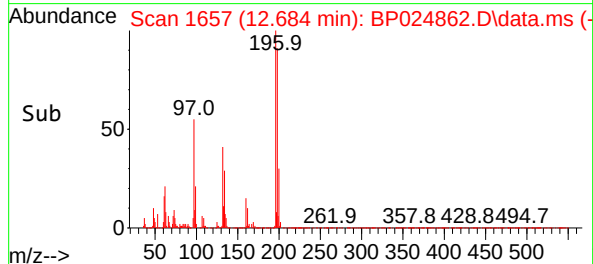
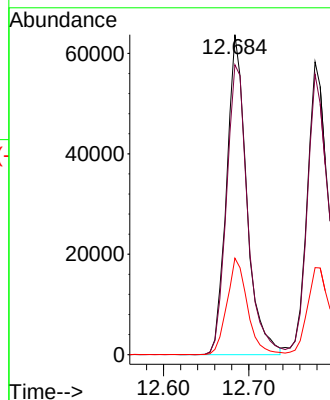
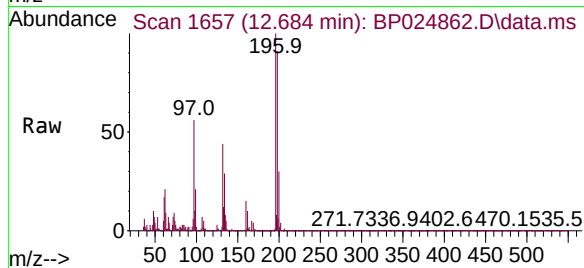
200 30.1 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#44

2,4,5-Trichlorophenol

Concen: 9.294 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:196 Resp: 112735

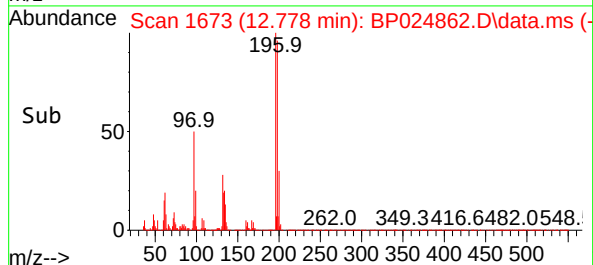
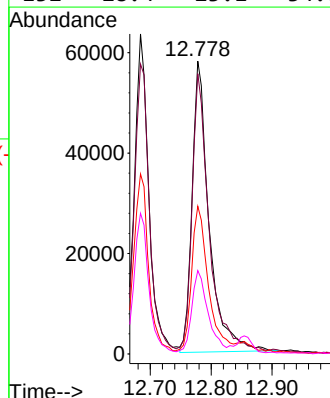
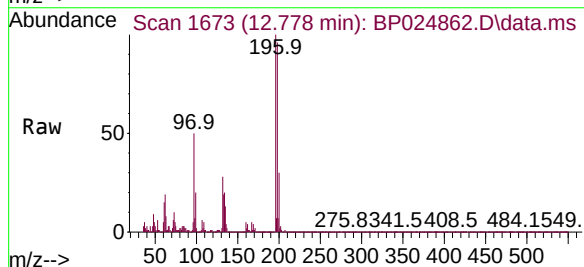
Ion Ratio Lower Upper

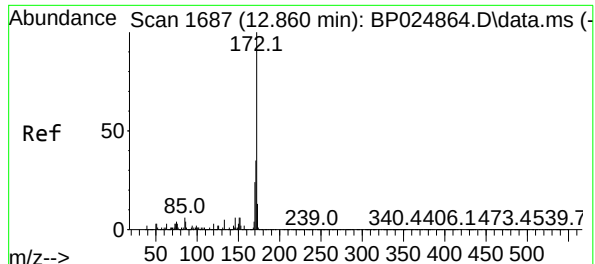
196 100

198 95.7 76.0 114.0

97 50.4 41.5 62.3

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 20.308 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

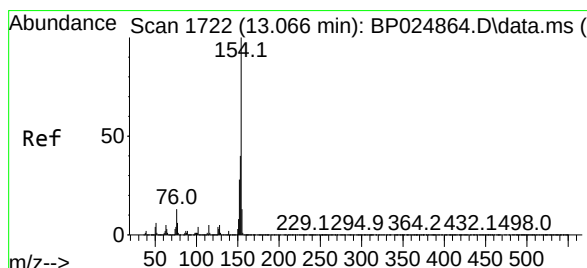
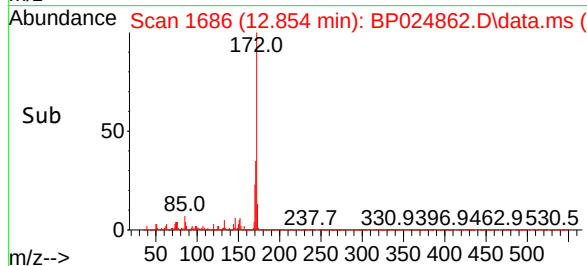
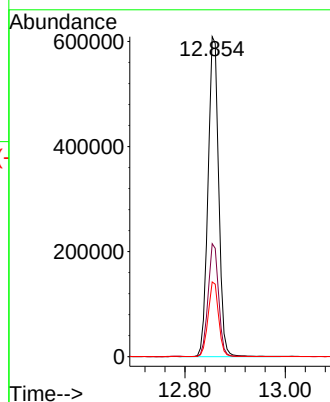
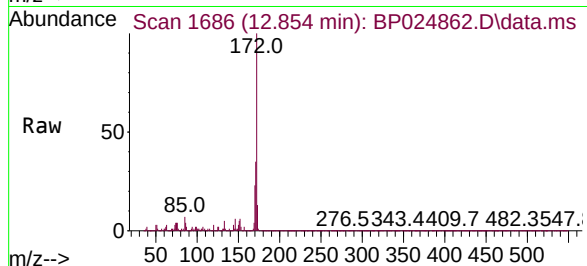
SSTDICC010

Tgt Ion:	172	Resp:	896004
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.3	42.5
170	23.3	19.0	28.4

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#46

1,1'-Biphenyl

Concen: 10.020 ng

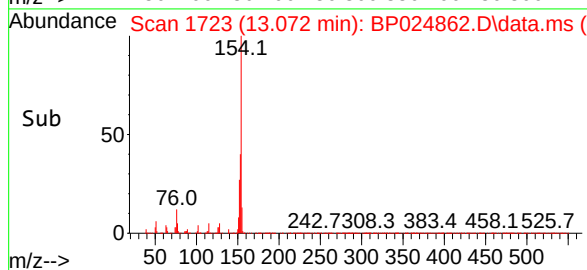
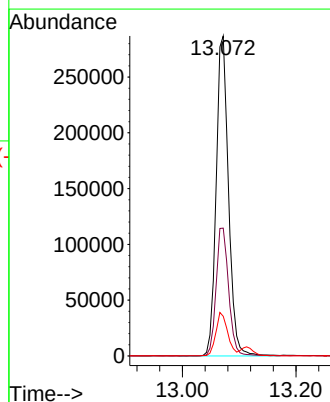
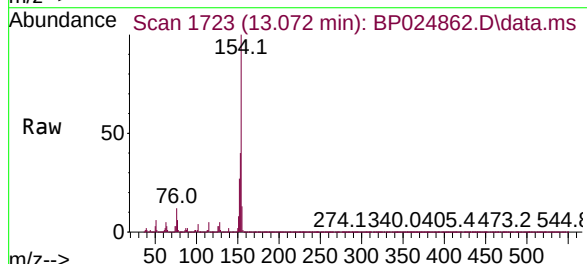
RT: 13.072 min Scan# 1723

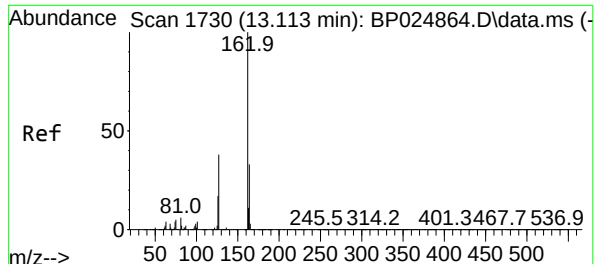
Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:	154	Resp:	432819
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.3	60.3
76	12.4	0.0	33.0





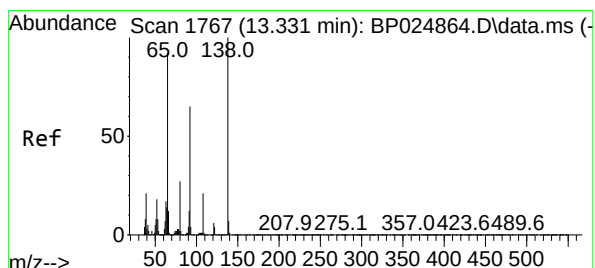
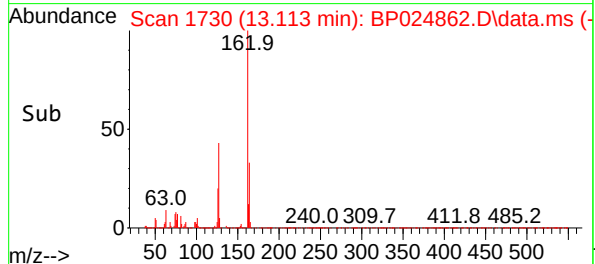
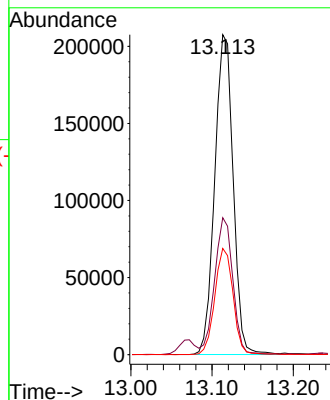
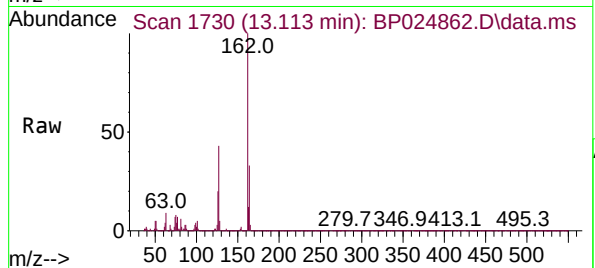
#47
2-Chloronaphthalene
Concen: 9.882 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 328060
Ion Ratio Lower Upper
162 100
127 42.8 32.5 48.7
164 33.2 26.2 39.2

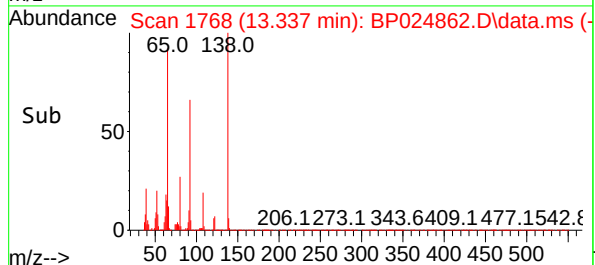
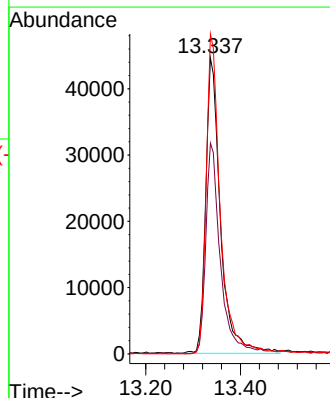
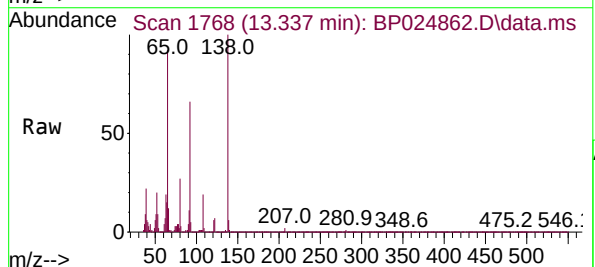
Manual Integrations
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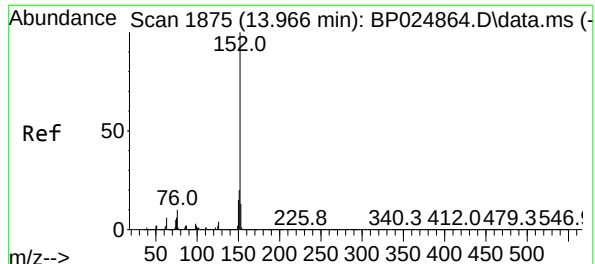
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#48
2-Nitroaniline
Concen: 9.426 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 65 Resp: 96210
Ion Ratio Lower Upper
65 100
92 71.3 56.8 85.2
138 108.2 86.9 130.3





#49

Acenaphthylene

Concen: 9.939 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

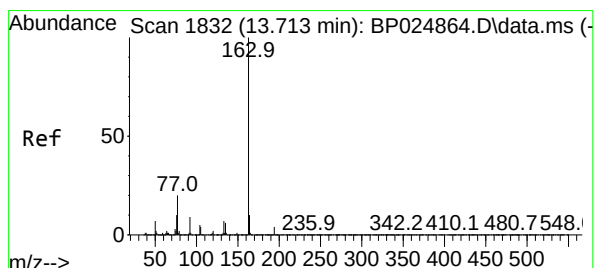
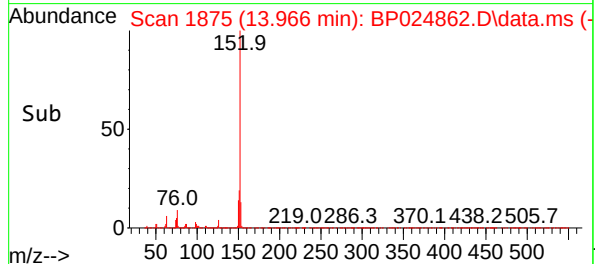
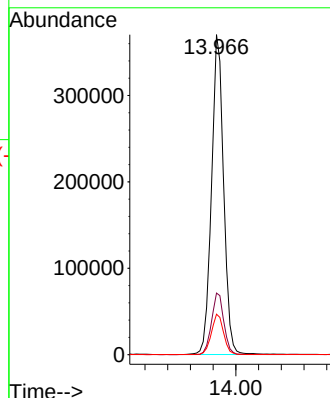
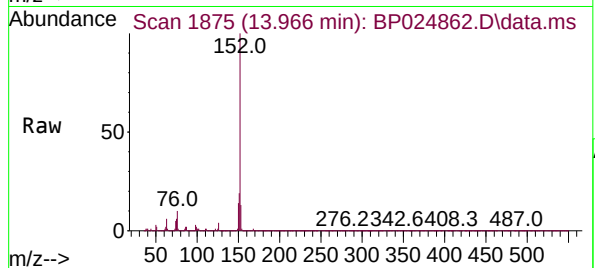
SSTDICC010

Tgt Ion:	152	Resp:	55019
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.2
153	12.7	10.6	15.8

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#50

Dimethylphthalate

Concen: 9.826 ng

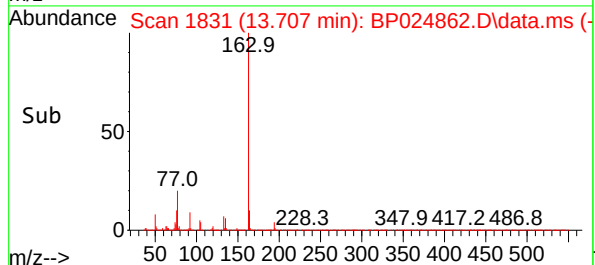
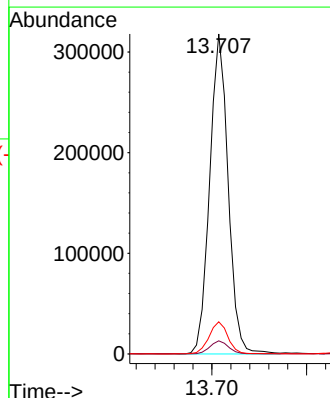
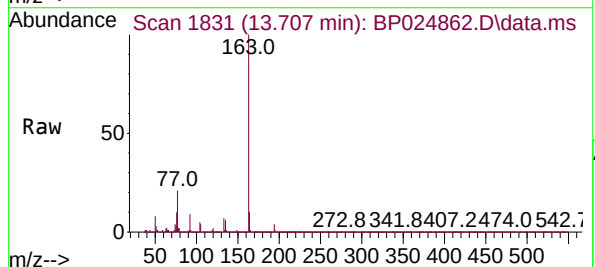
RT: 13.707 min Scan# 1831

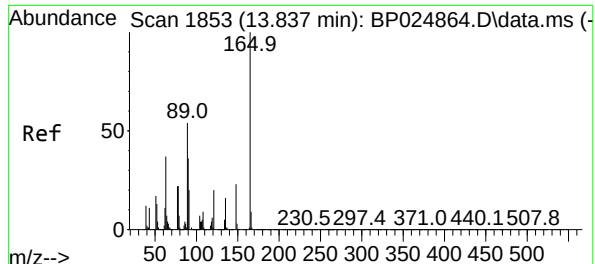
Delta R.T. -0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

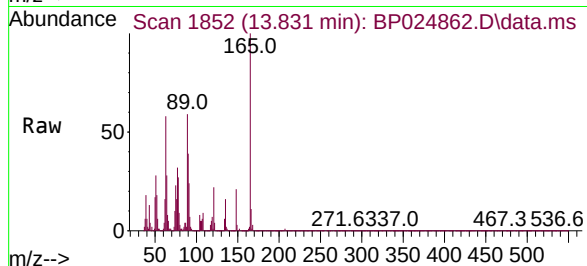
Tgt Ion:	163	Resp:	430821
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 9.461 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

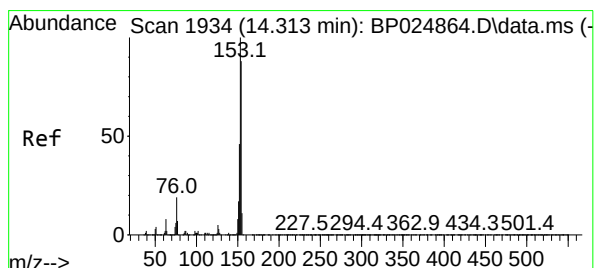
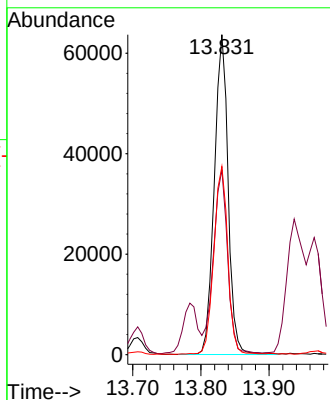
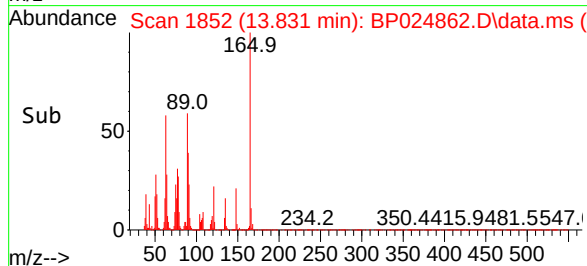
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 89432
Ion Ratio Lower Upper
165 100
63 57.8 41.8 62.8
89 58.8 43.1 64.7

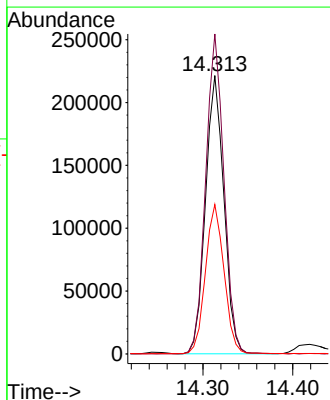
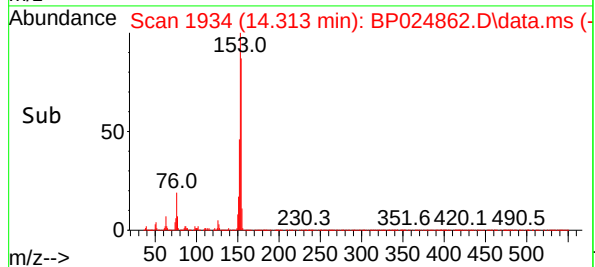
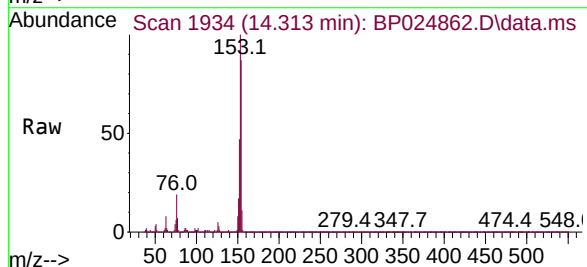
Manual Integrations
APPROVED

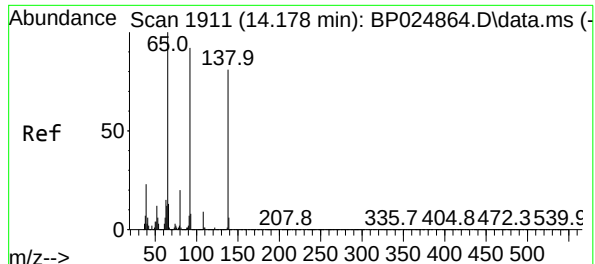
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#52
Acenaphthene
Concen: 9.967 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

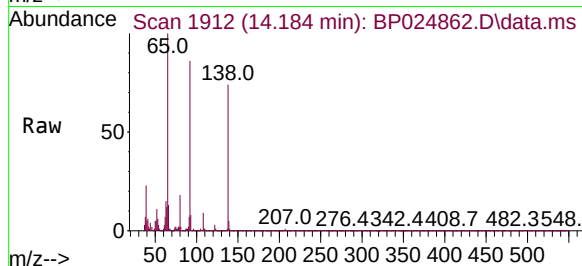
Tgt Ion:154 Resp: 316133
Ion Ratio Lower Upper
154 100
153 115.0 90.5 135.7
152 53.7 42.1 63.1





#53
3-Nitroaniline
Concen: 8.838 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

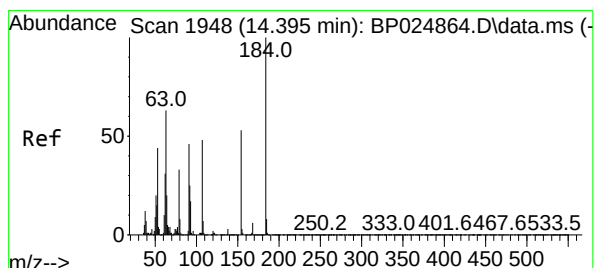
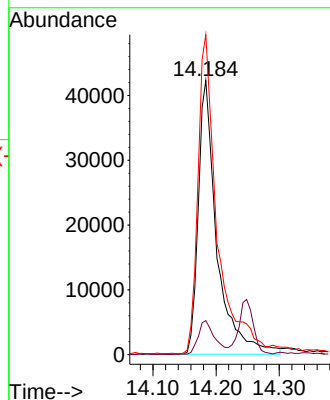
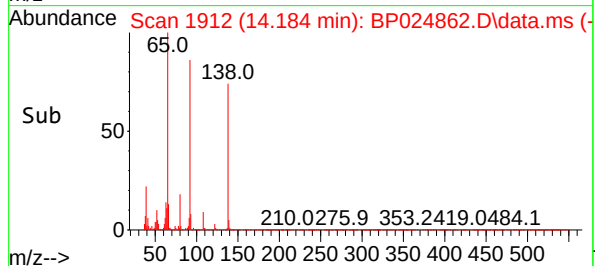
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



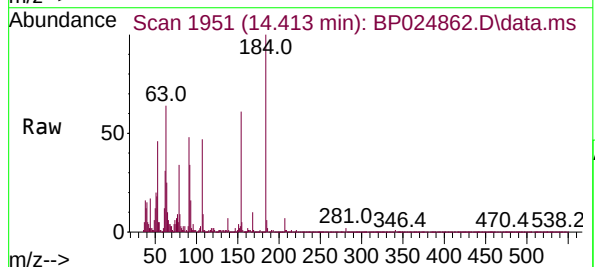
Tgt Ion:138 Resp: 86690
Ion Ratio Lower Upper
138 100
108 12.4 8.6 12.8
92 116.7 91.3 136.9

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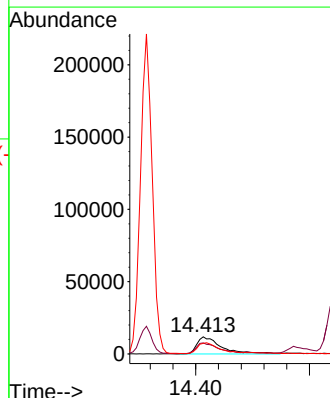
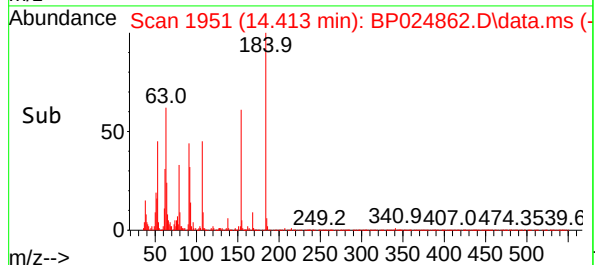
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

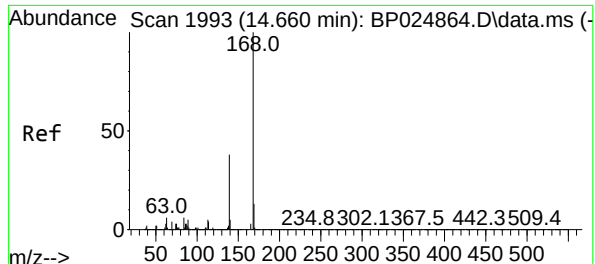


#54
2,4-Dinitrophenol
Concen: 10.838 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



Tgt Ion:184 Resp: 34890
Ion Ratio Lower Upper
184 100
63 64.5 51.0 76.4
154 61.4 51.7 77.5





#55

Dibenzenofuran

Concen: 10.045 ng

RT: 14.660 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

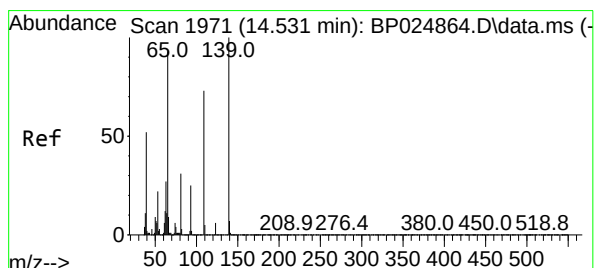
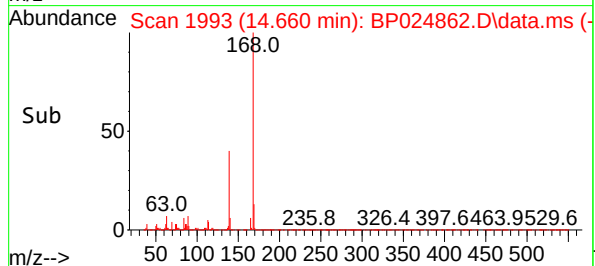
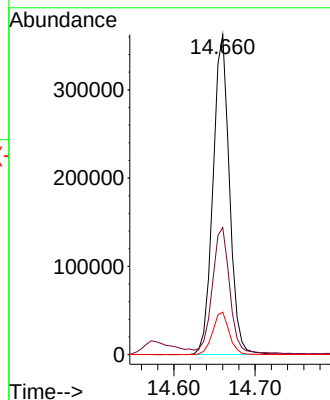
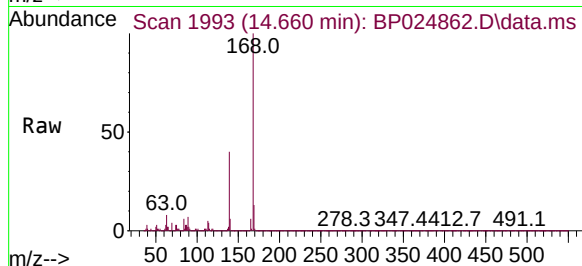
SSTDICC010

Tgt Ion:	168	Resp:	511434
Ion Ratio	Lower	Upper	
168	100		
139	39.7	31.6	47.4
169	13.3	10.6	15.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#56

4-Nitrophenol

Concen: 10.135 ng

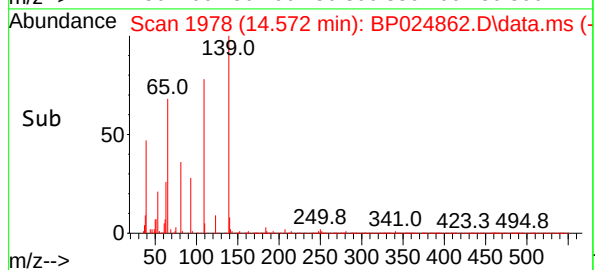
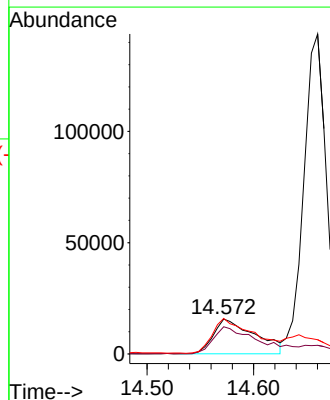
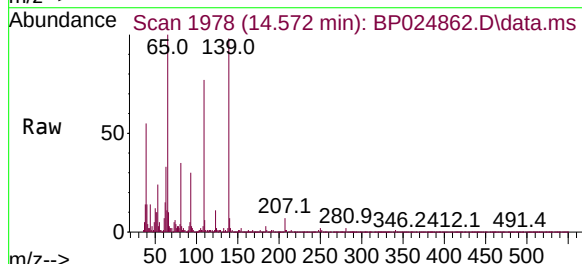
RT: 14.572 min Scan# 1978

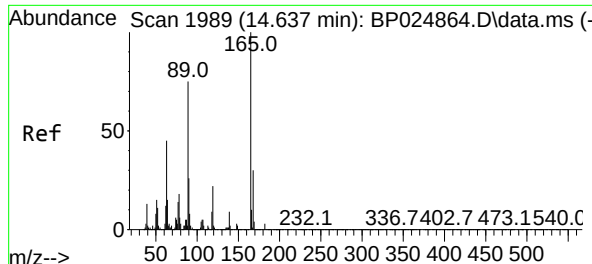
Delta R.T. 0.041 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

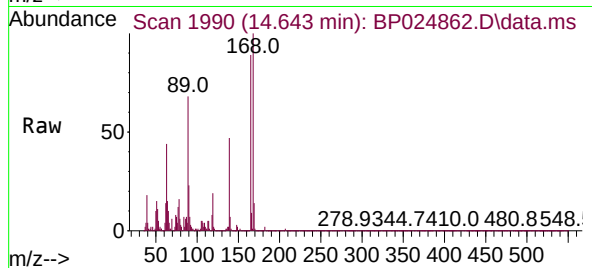
Tgt Ion:	139	Resp:	42087
Ion Ratio	Lower	Upper	
139	100		
109	78.0	53.1	93.1
65	101.9	73.0	113.0





#57
2,4-Dinitrotoluene
Concen: 9.340 ng
RT: 14.643 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

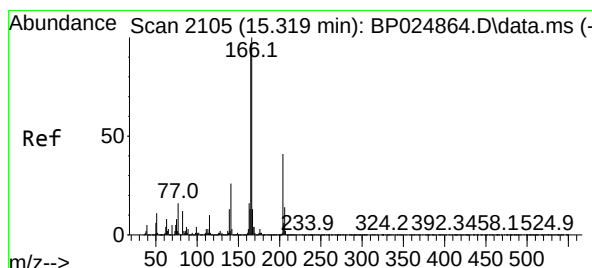
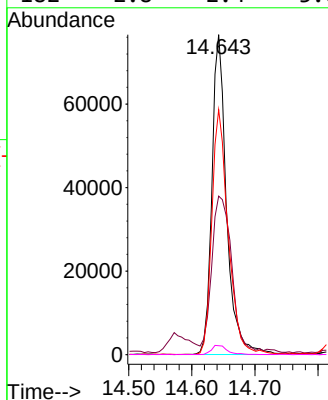
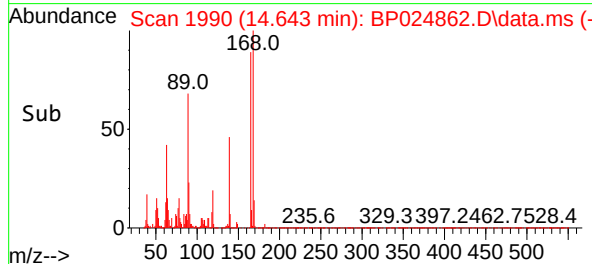
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 123499
Ion Ratio Lower Upper
165 100
63 49.5 37.0 55.6
89 76.5 60.1 90.1
182 2.8 2.4 3.6

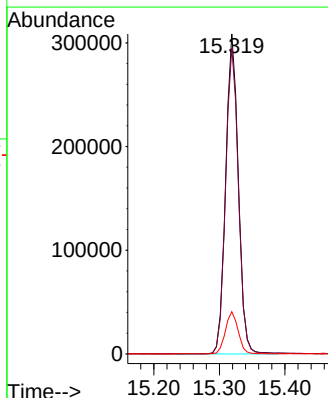
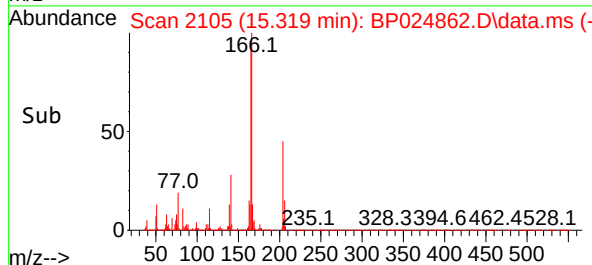
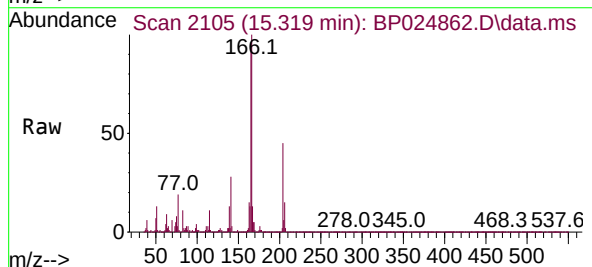
Manual Integrations
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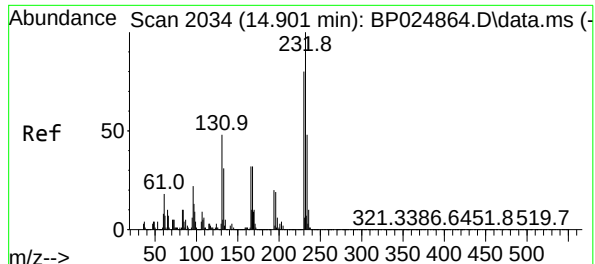
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 10.071 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:166 Resp: 414235
Ion Ratio Lower Upper
166 100
165 95.6 77.7 116.5
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.573 ng

RT: 14.907 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 103935

Ion Ratio Lower Upper

232 100

131 47.2 38.2 57.2

130 2.5 2.1 3.1

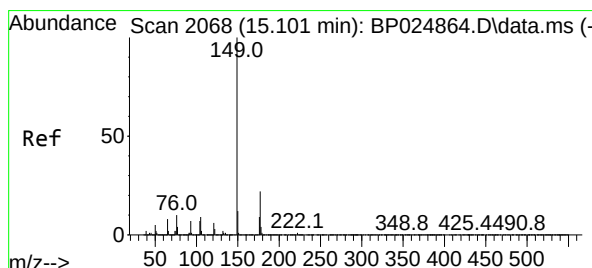
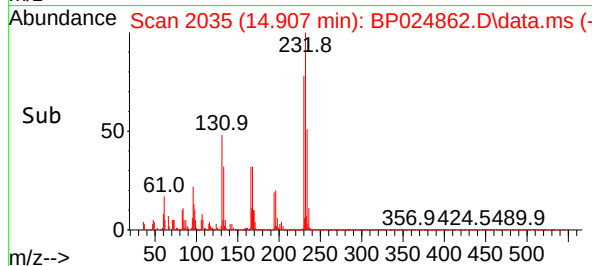
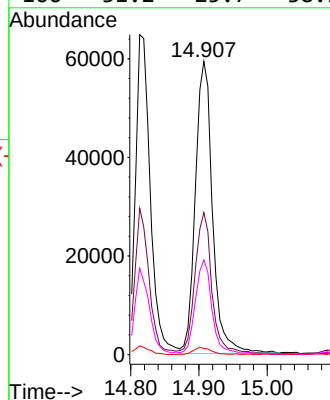
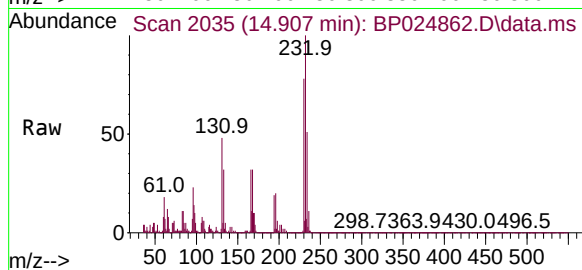
166 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#60

Diethylphthalate

Concen: 10.022 ng

RT: 15.090 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

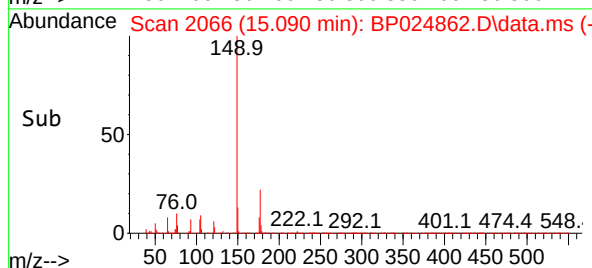
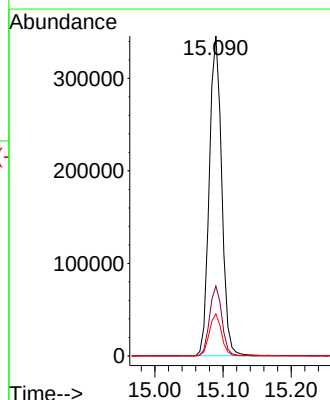
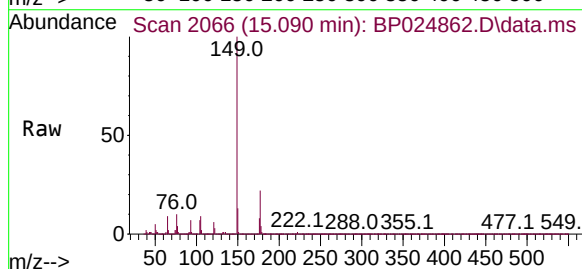
Tgt Ion:149 Resp: 437955

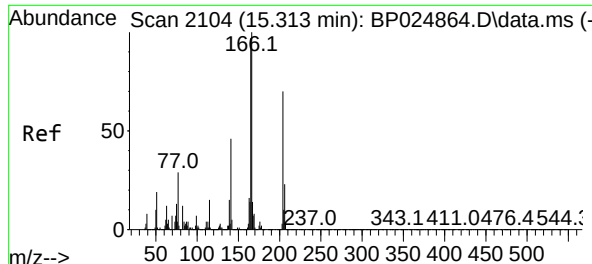
Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

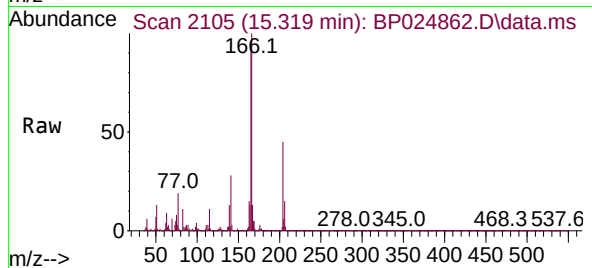
150 13.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 9.878 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

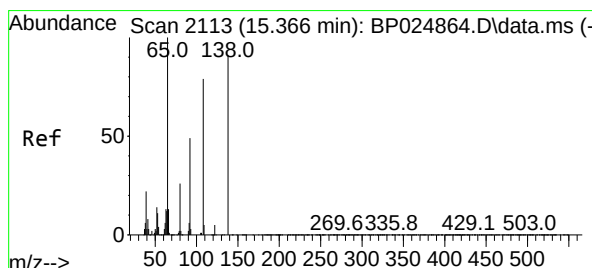
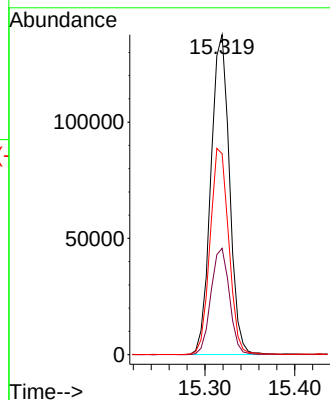
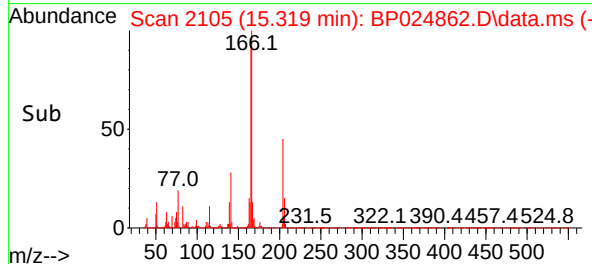
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 198649
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.8 52.4 78.6

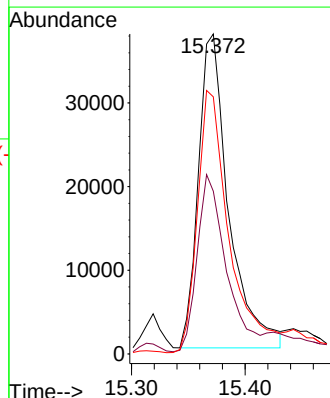
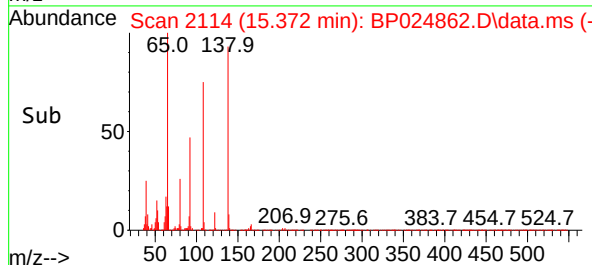
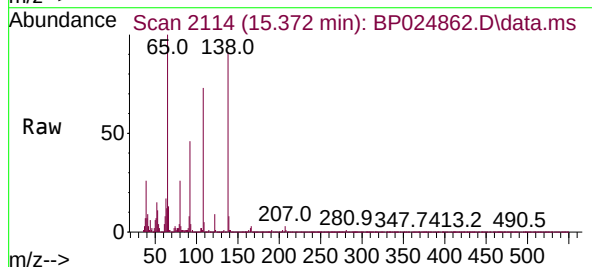
Manual Integrations
APPROVED

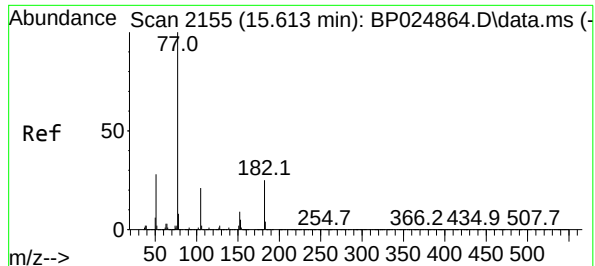
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#62
4-Nitroaniline
Concen: 7.841 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

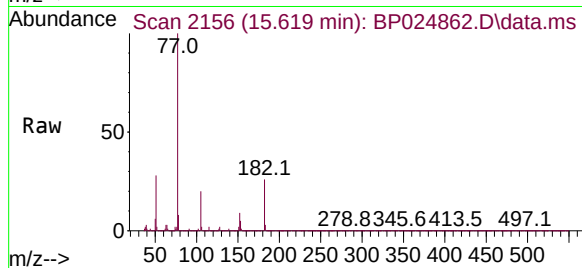
Tgt Ion:138 Resp: 69780
Ion Ratio Lower Upper
138 100
92 50.8 33.5 73.5
108 80.3 65.1 105.1





#63
Azobenzene
Concen: 9.890 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

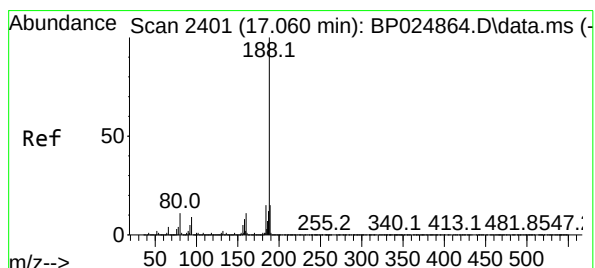
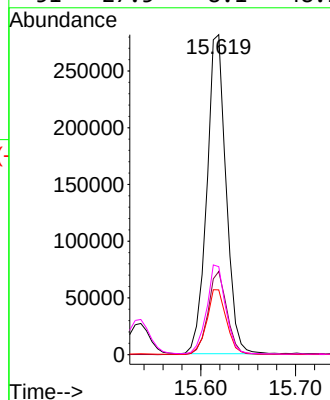
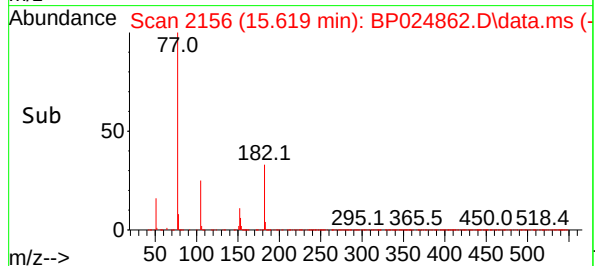
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



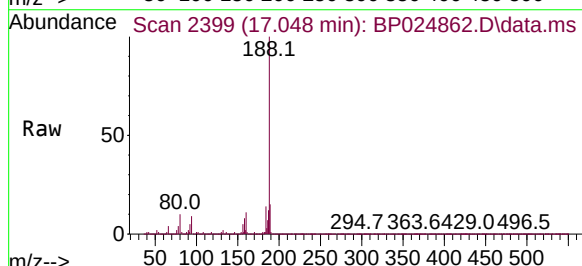
Tgt Ion: 77 Resp: 396356
Ion Ratio Lower Upper
77 100
182 26.0 5.4 45.4
105 20.2 0.8 40.8
51 27.5 8.1 48.1

Manual Integrations
APPROVED

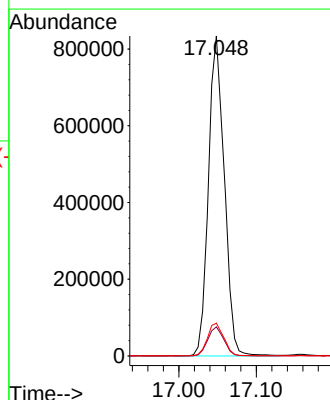
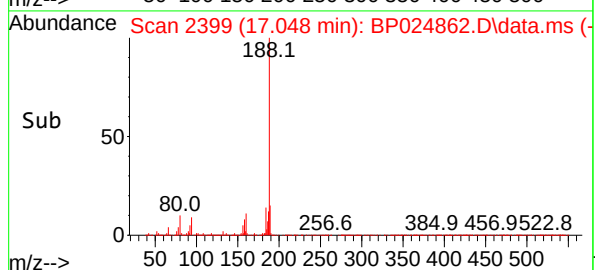
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

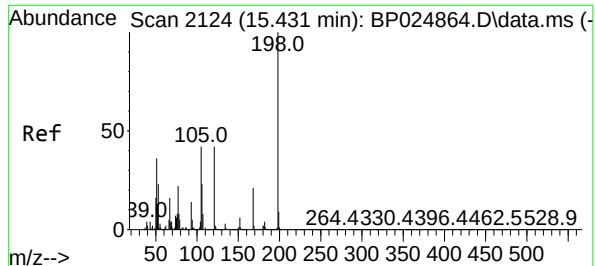


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



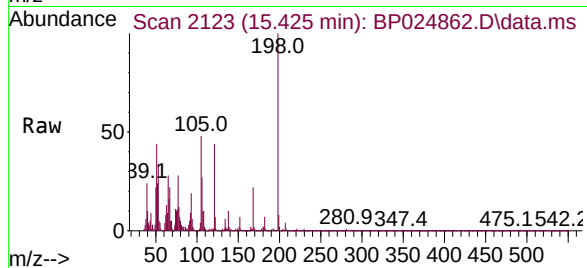
Tgt Ion:188 Resp: 1185891
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.2 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 7.732 ng
RT: 15.425 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

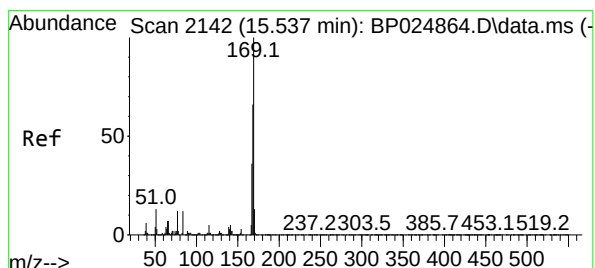
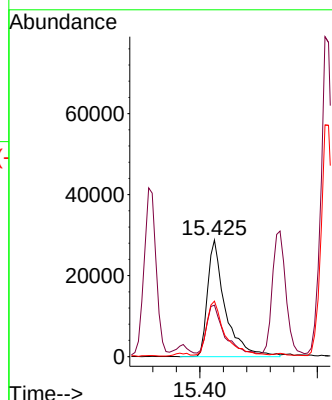
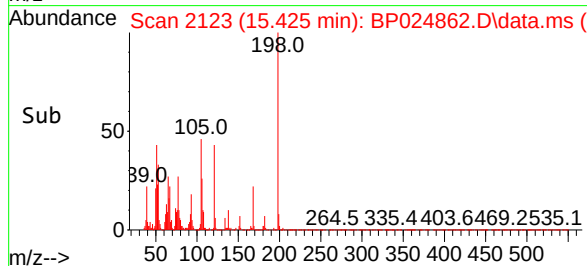
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 60252
Ion Ratio Lower Upper
198 100
51 44.1 19.2 59.2
105 47.5 22.6 62.6

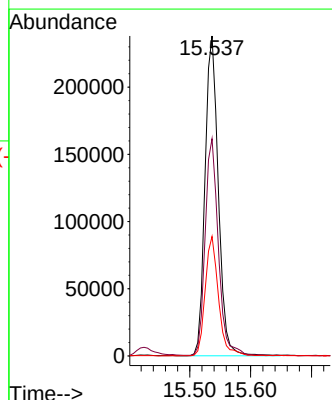
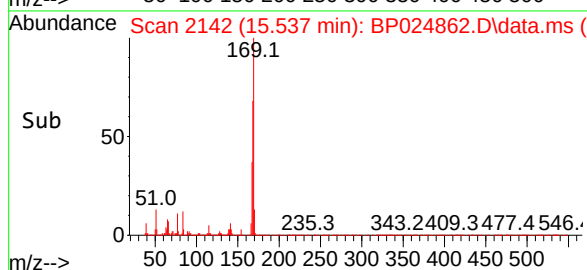
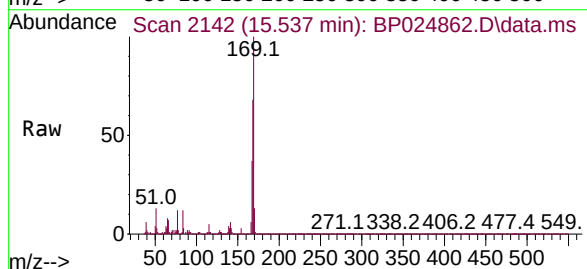
Manual Integrations
APPROVED

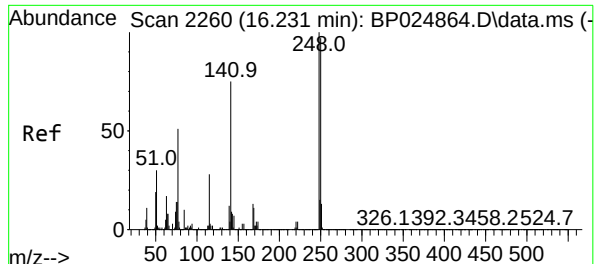
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 9.812 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

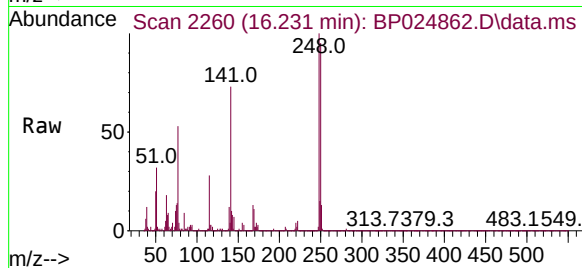
Tgt Ion:169 Resp: 360674
Ion Ratio Lower Upper
169 100
168 67.9 53.0 79.6
167 37.3 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 9.530 ng
RT: 16.231 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

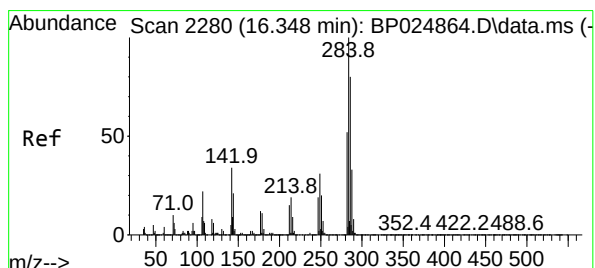
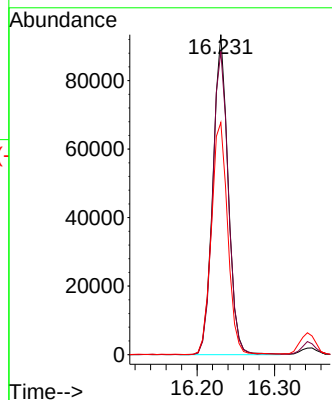
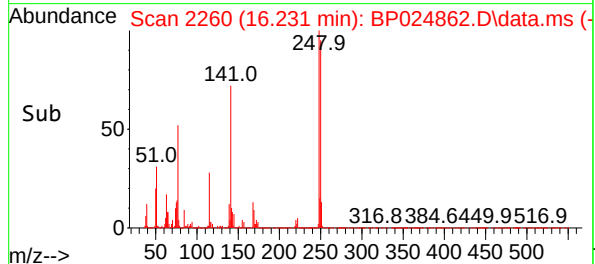
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 127516
Ion Ratio Lower Upper
248 100
250 94.7 77.4 116.2
141 72.5 59.9 89.9

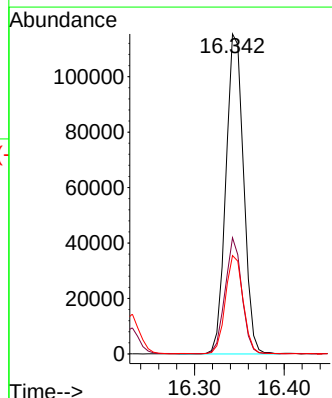
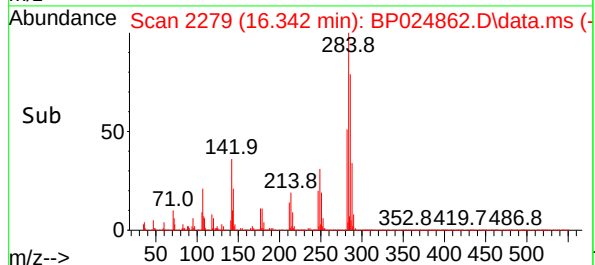
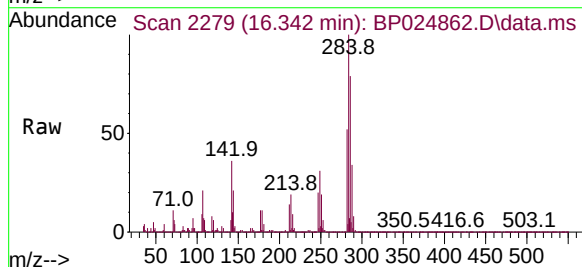
Manual Integrations
APPROVED

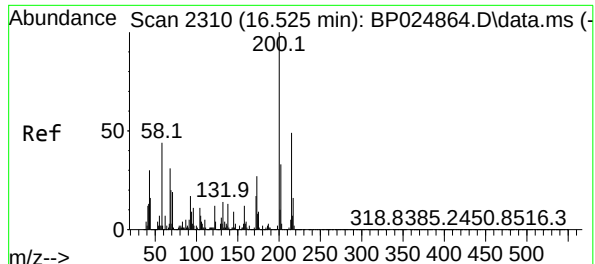
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#68
Hexachlorobenzene
Concen: 9.794 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

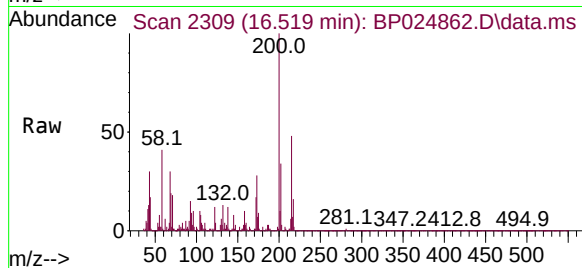
Tgt Ion:284 Resp: 158870
Ion Ratio Lower Upper
284 100
142 36.3 27.0 40.6
249 30.7 25.0 37.6





#69
Atrazine
Concen: 9.439 ng
RT: 16.519 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

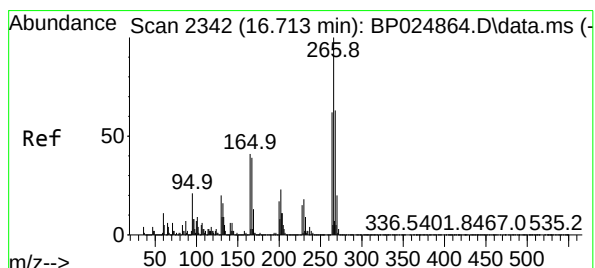
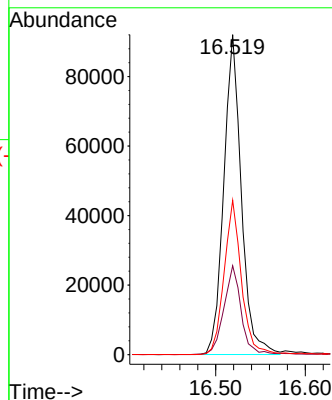
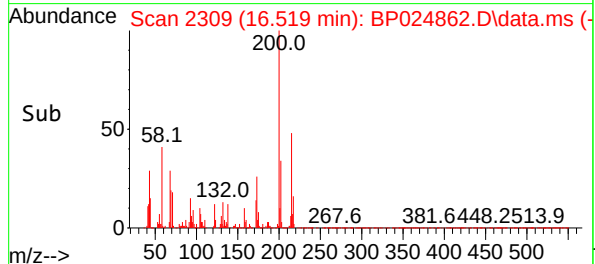
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 12577
Ion Ratio Lower Upper
200 100
173 27.8 6.9 46.9
215 48.2 28.7 68.7

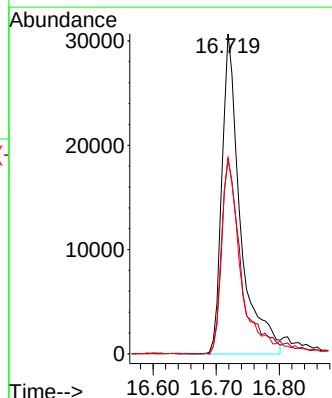
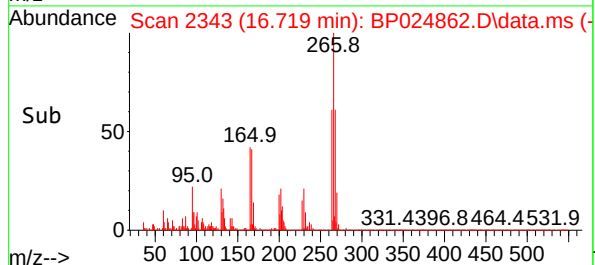
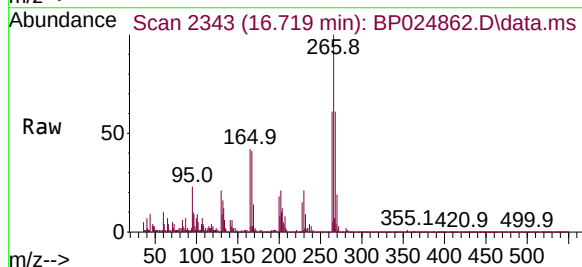
Manual Integrations
APPROVED

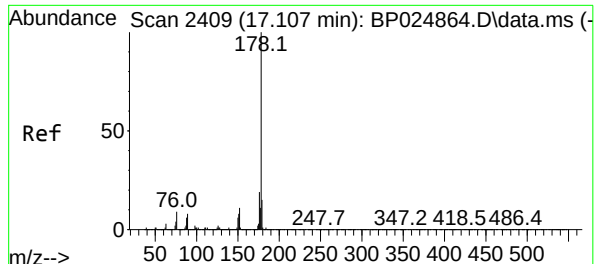
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#70
Pentachlorophenol
Concen: 7.434 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:266 Resp: 62407
Ion Ratio Lower Upper
266 100
268 60.8 50.6 76.0
264 61.3 49.7 74.5





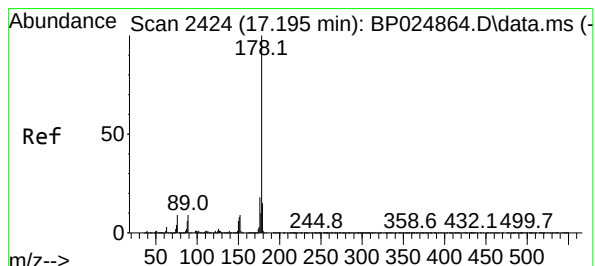
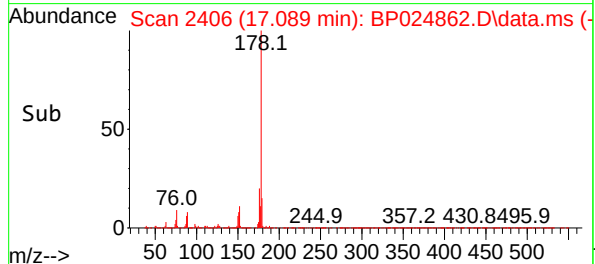
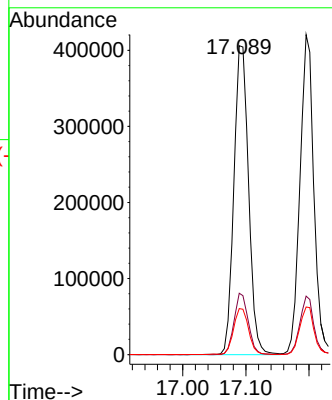
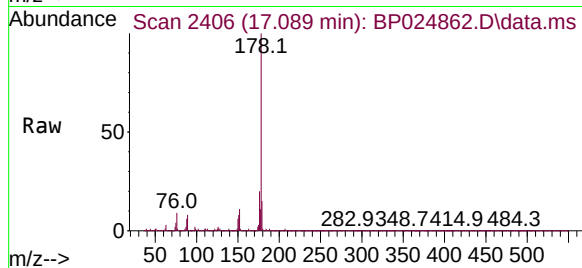
#71
Phenanthrene
Concen: 10.025 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 657004
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 14.9 12.1 18.1

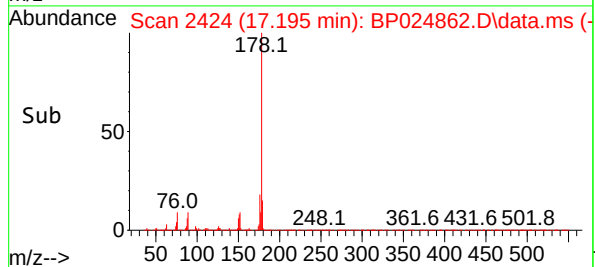
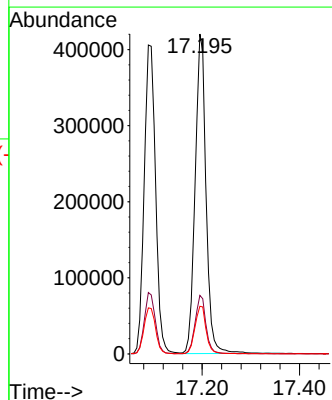
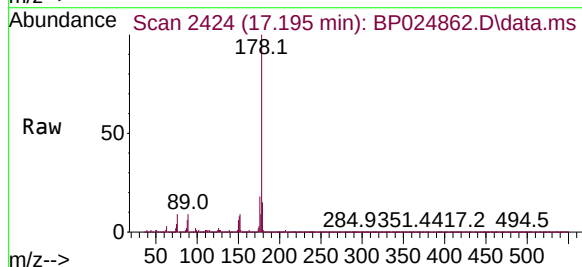
Manual Integrations
APPROVED

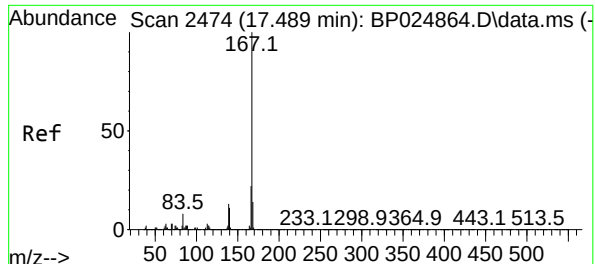
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 9.767 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:178 Resp: 648264
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 14.9 12.3 18.5





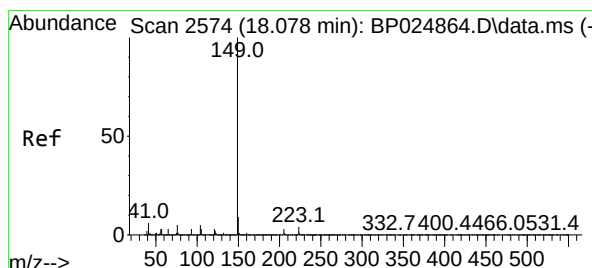
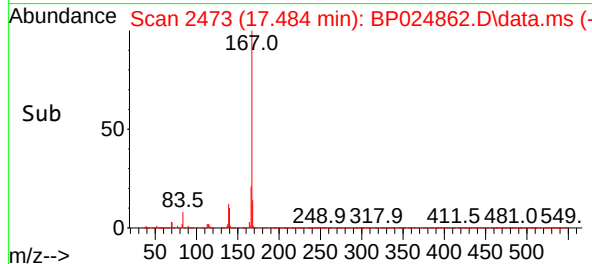
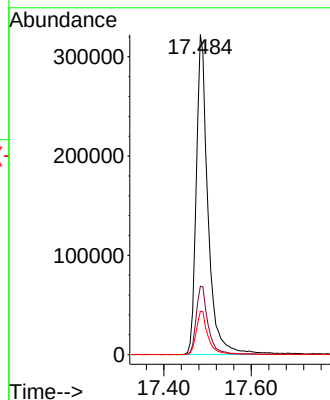
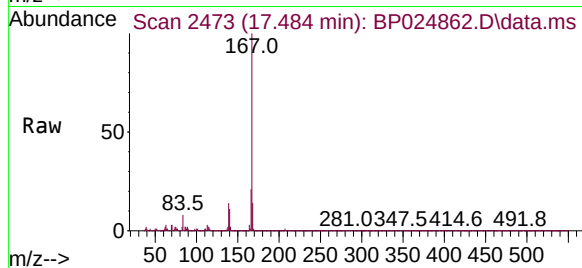
#73
Carbazole
Concen: 9.761 ng
RT: 17.484 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 600475
Ion Ratio Lower Upper
167 100
166 21.3 17.3 25.9
139 13.6 10.8 16.2

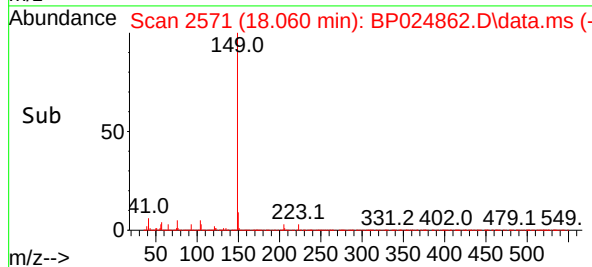
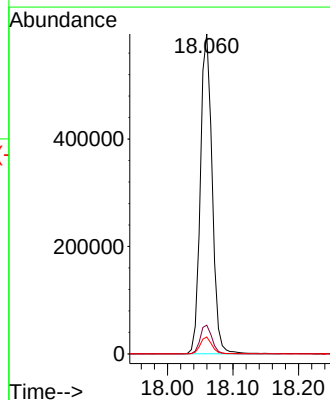
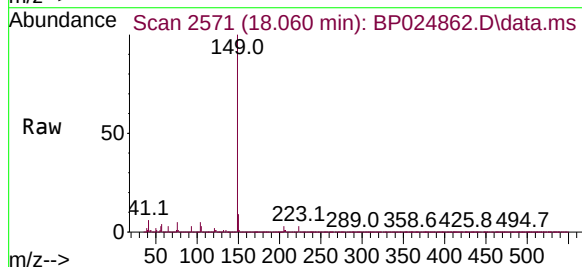
Manual Integrations
APPROVED

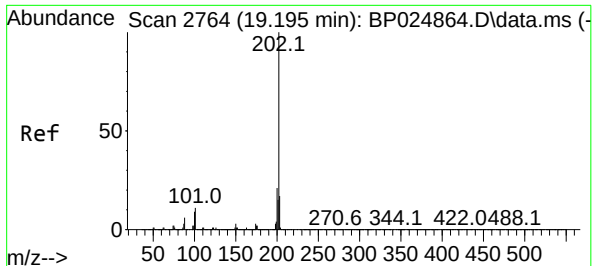
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#74
Di-n-butylphthalate
Concen: 9.688 ng
RT: 18.060 min Scan# 2571
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

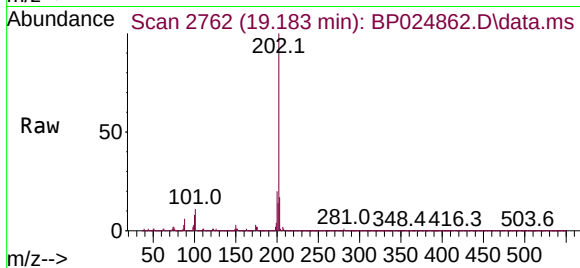
Tgt Ion:149 Resp: 738469
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 10.047 ng
RT: 19.183 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

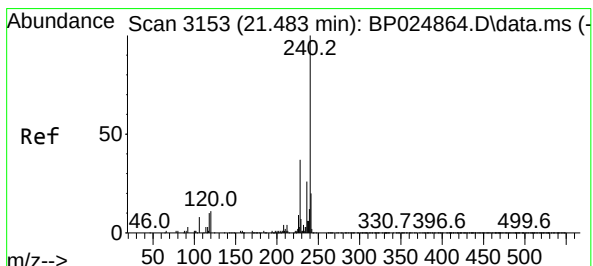
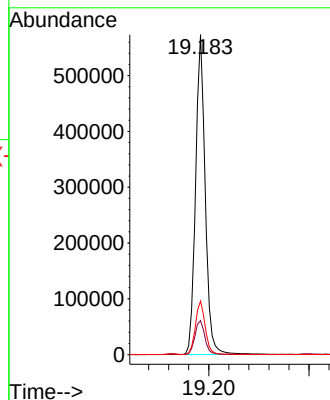
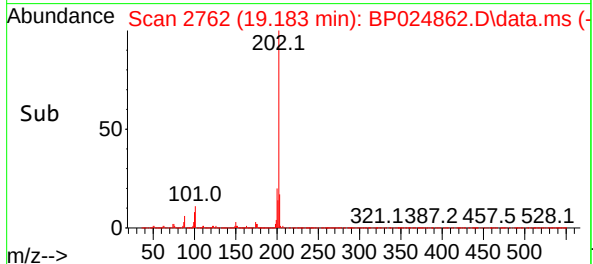
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 763158
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 16.7 0.0 37.5

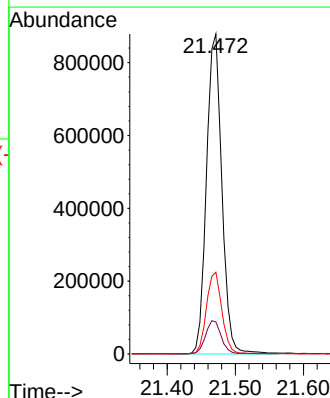
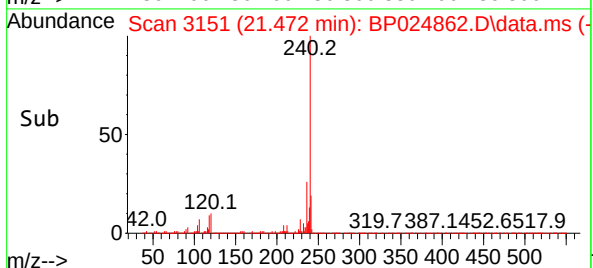
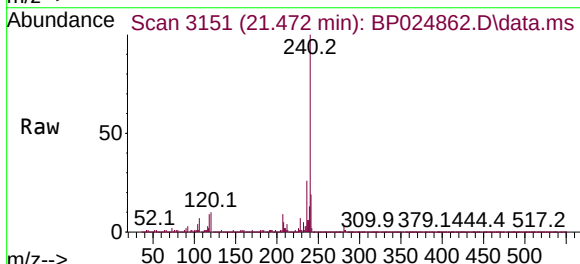
Manual Integrations
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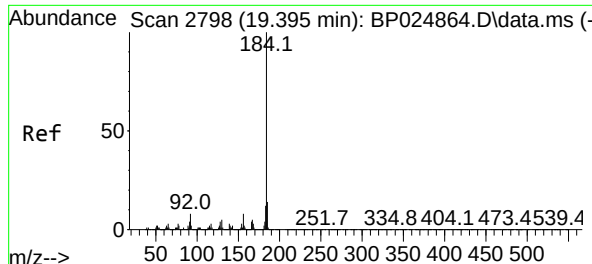
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

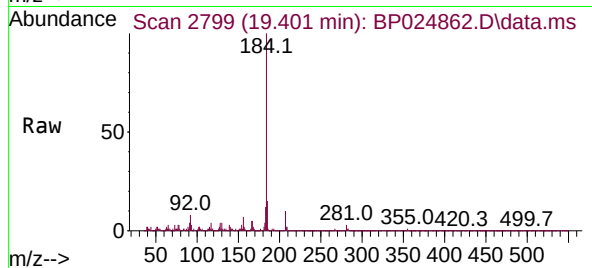
Tgt Ion:240 Resp: 1377321
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.5 20.9 31.3





#77
Benzidine
Concen: 8.271 ng
RT: 19.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

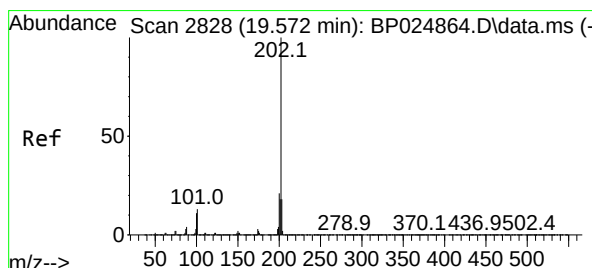
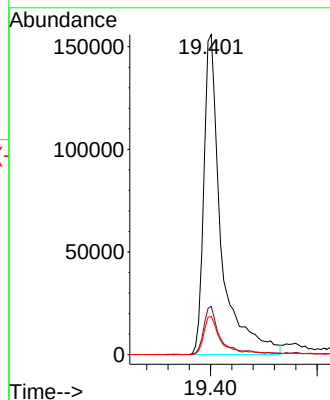
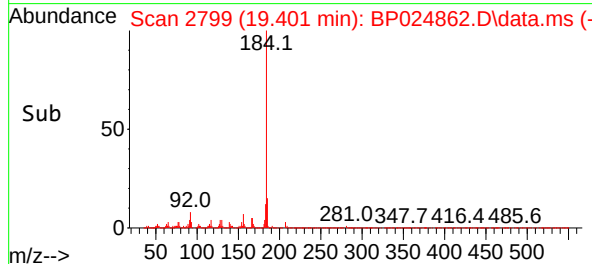
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 352835
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 12.0 9.5 14.3

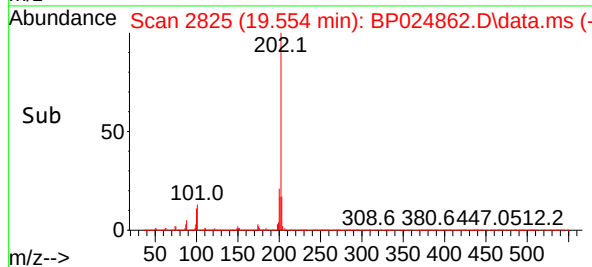
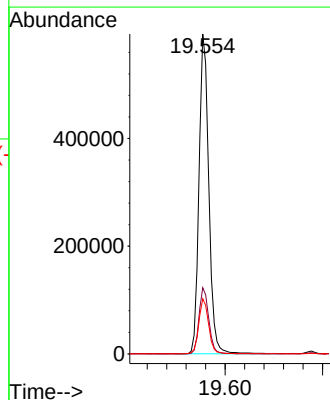
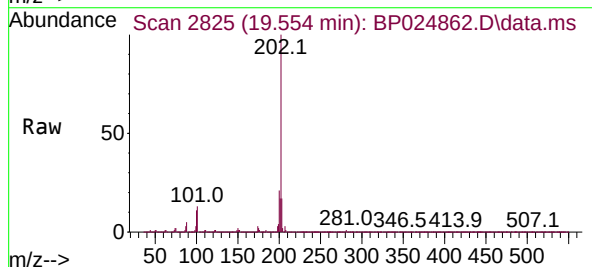
Manual Integrations
APPROVED

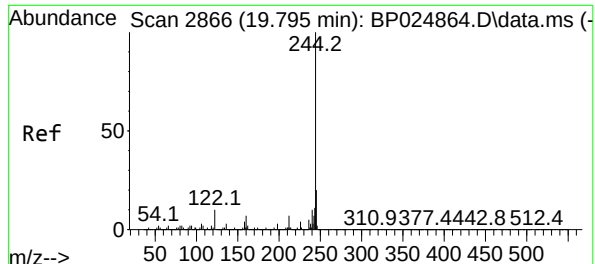
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#78
Pyrene
Concen: 9.565 ng
RT: 19.554 min Scan# 2825
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:202 Resp: 823026
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.2 14.0 21.0





#79
Terphenyl-d14
Concen: 19.238 ng
RT: 19.778 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

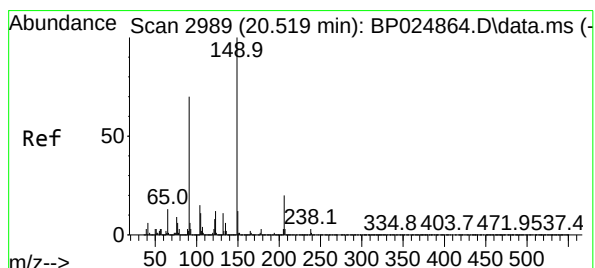
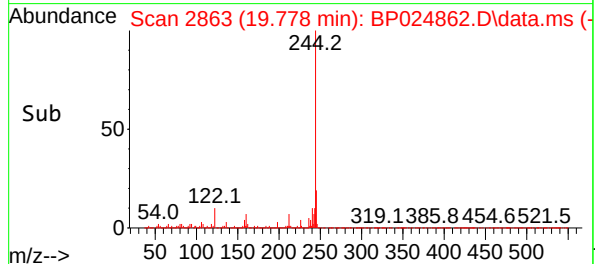
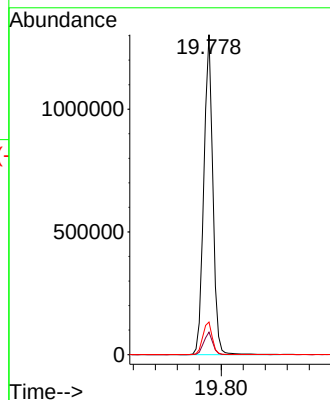
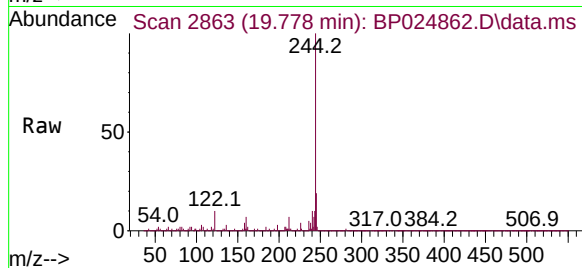
ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 1478395
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.2 7.7 11.5

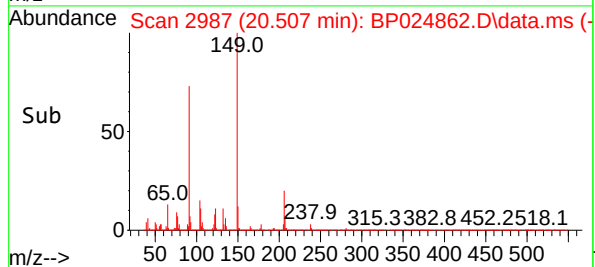
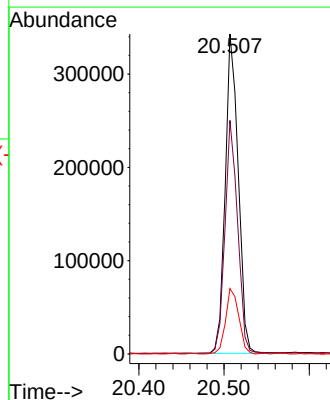
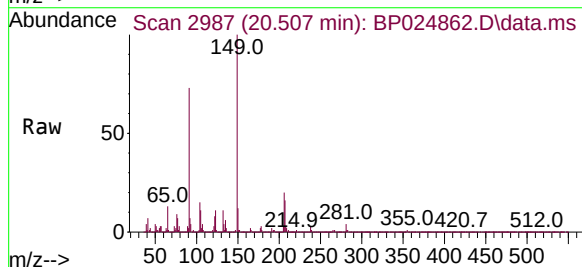
Manual Integrations
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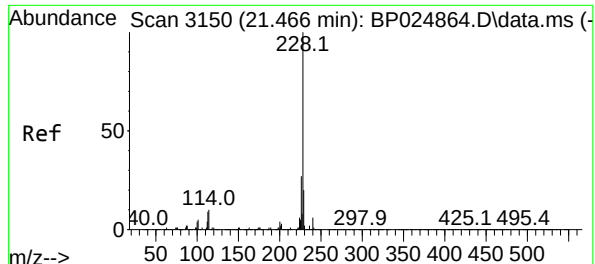
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#80
Butylbenzylphthalate
Concen: 9.243 ng
RT: 20.507 min Scan# 2987
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 364314
Ion Ratio Lower Upper
149 100
91 73.0 55.8 83.8
206 20.4 16.2 24.2





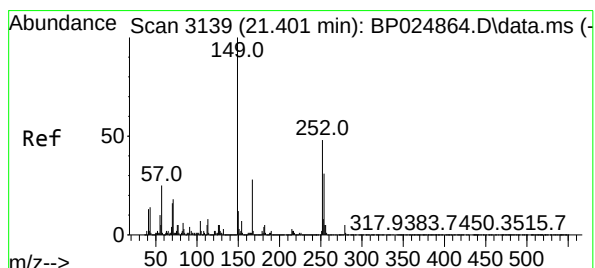
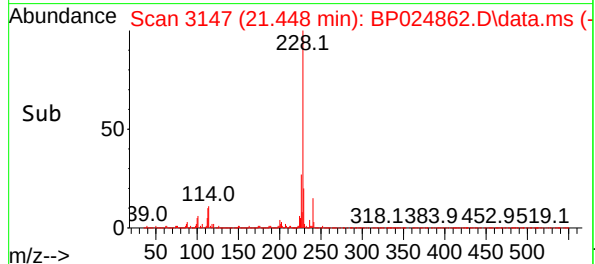
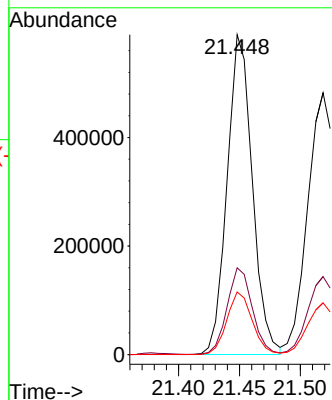
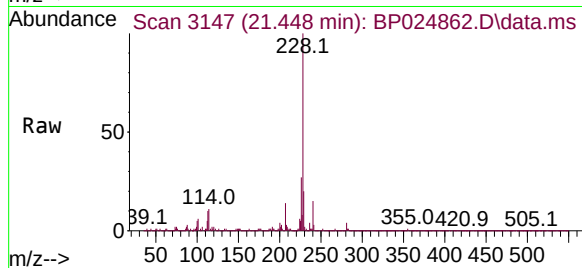
#81
Benzo(a)anthracene
Concen: 9.650 ng
RT: 21.448 min Scan# 3147
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 850043
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.6 15.9 23.9

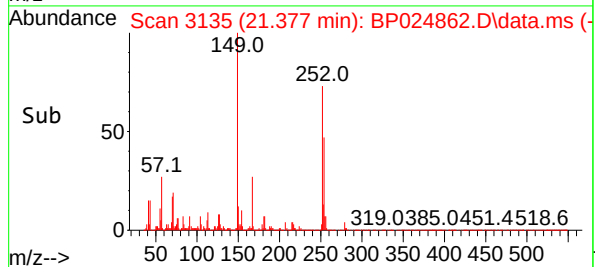
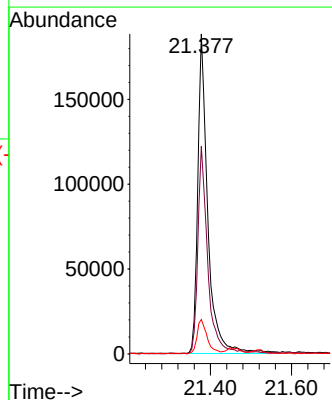
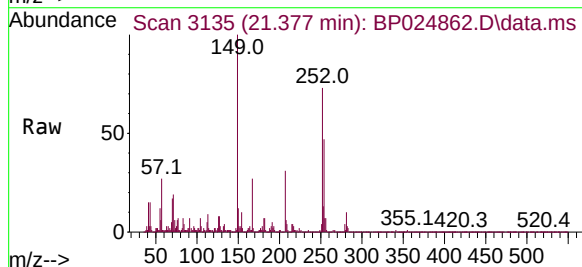
Manual Integrations
APPROVED

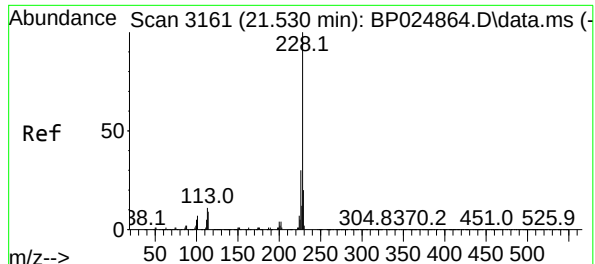
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.212 ng
RT: 21.377 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

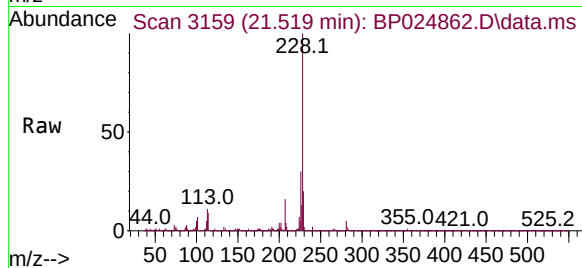
Tgt Ion:252 Resp: 322154
Ion Ratio Lower Upper
252 100
254 64.9 51.2 76.8
126 10.7 8.6 12.8





#83
Chrysene
Concen: 9.687 ng
RT: 21.519 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

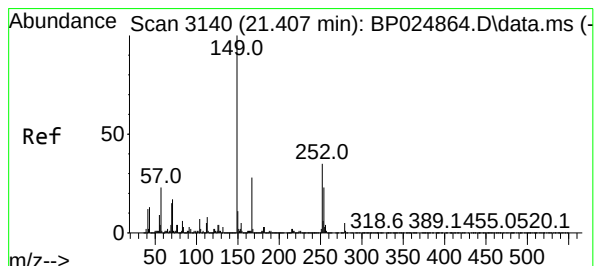
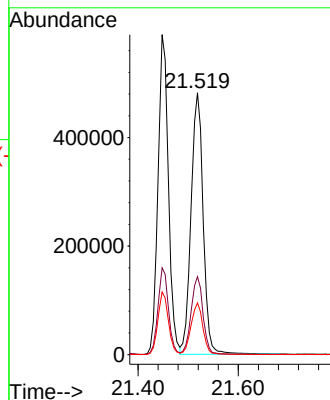
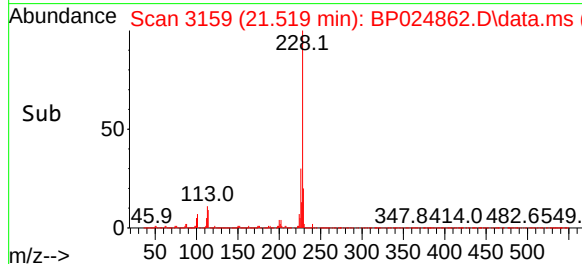
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 808582
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 19.8 15.6 23.4

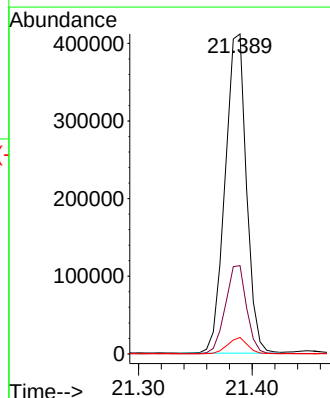
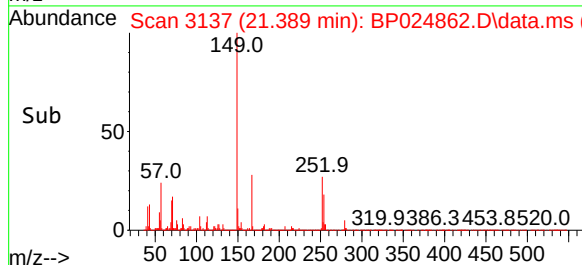
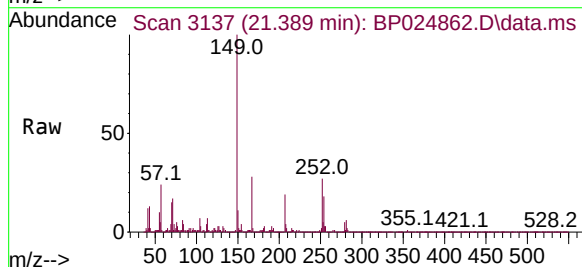
Manual Integrations
APPROVED

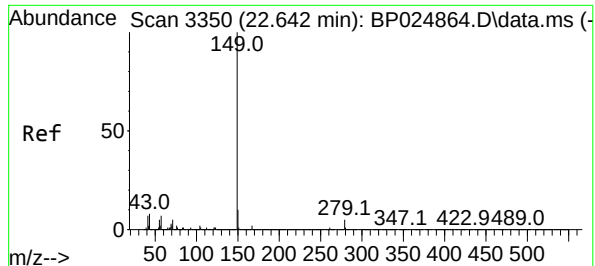
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.509 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 536981
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 5.1 4.0 6.0





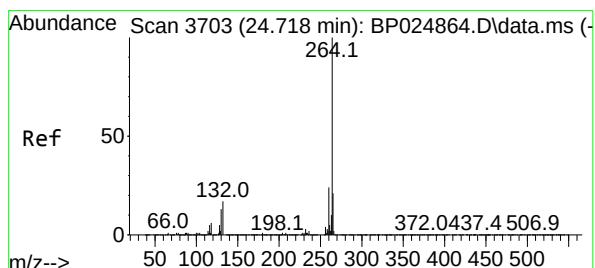
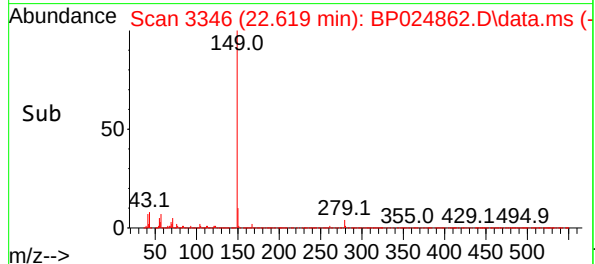
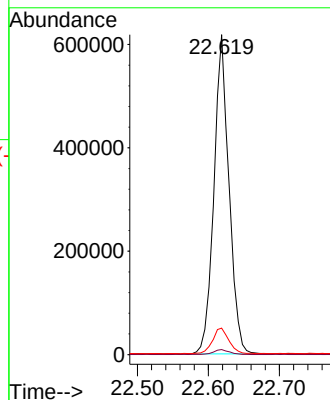
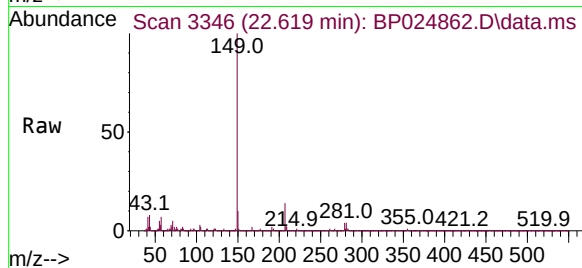
#85
Di-n-octyl phthalate
Concen: 9.134 ng
RT: 22.619 min Scan# 3350
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 909174
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.6 10.0

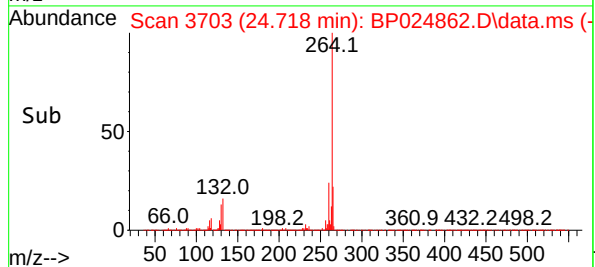
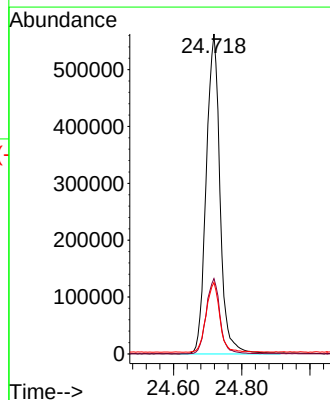
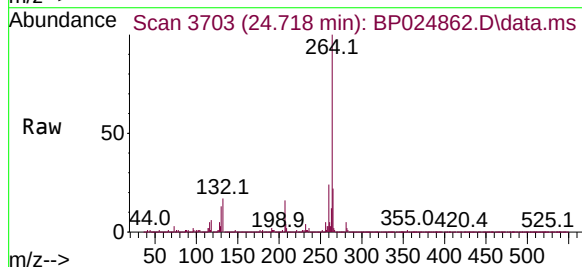
Manual Integrations
APPROVED

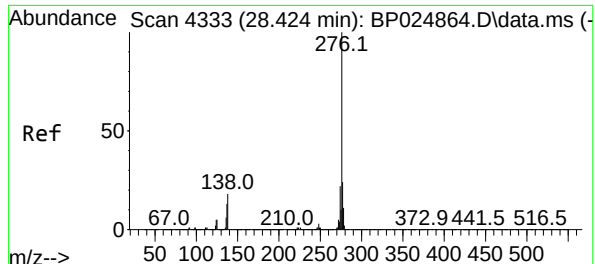
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:264 Resp: 1582534
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.607 ng

RT: 28.395 min Scan# 4333

Delta R.T. -0.029 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 1109298

Ion Ratio Lower Upper

276 100

138 23.8 18.6 27.8

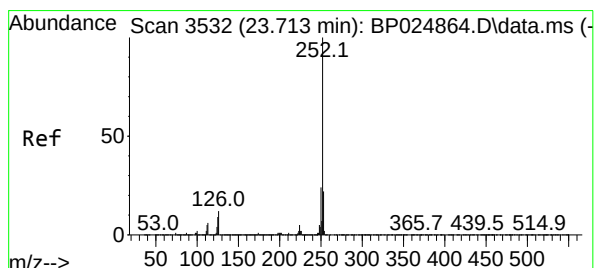
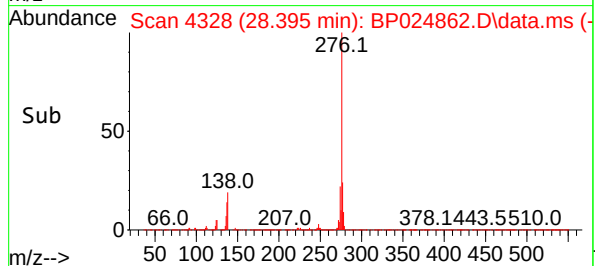
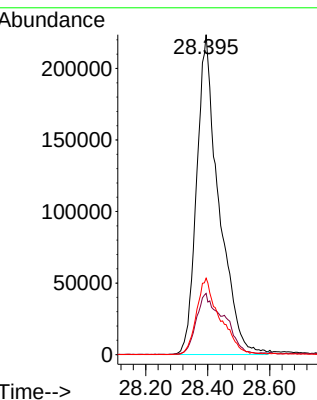
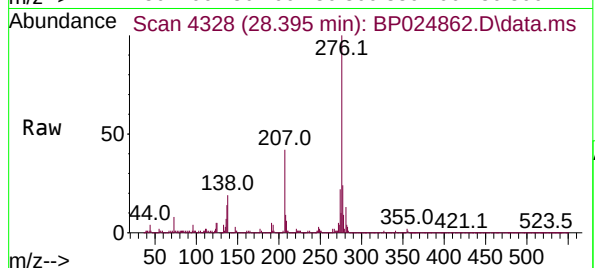
277 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#88

Benzo(b)fluoranthene

Concen: 9.645 ng m

RT: 23.689 min Scan# 3528

Delta R.T. -0.024 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

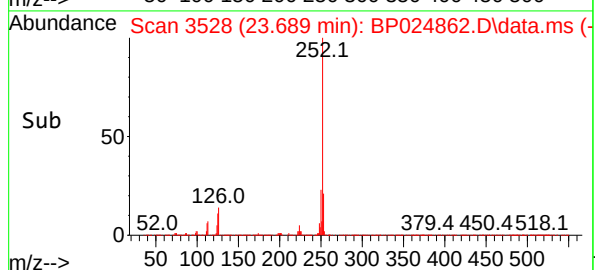
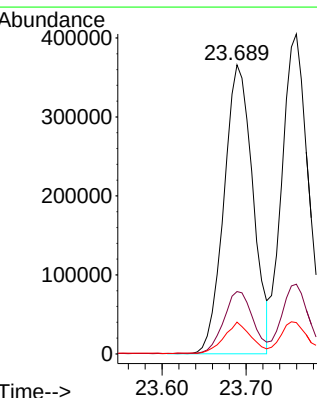
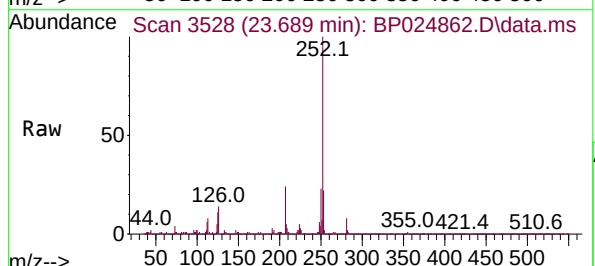
Tgt Ion:252 Resp: 873515

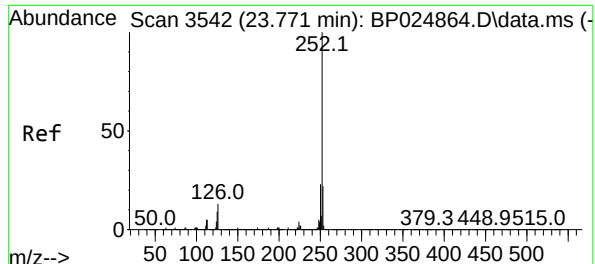
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.0 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 9.819 ng

RT: 23.760 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

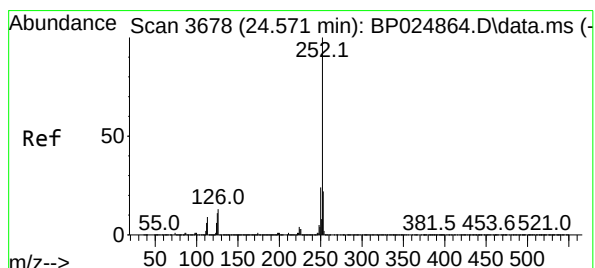
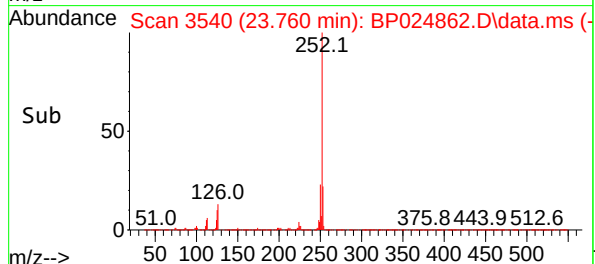
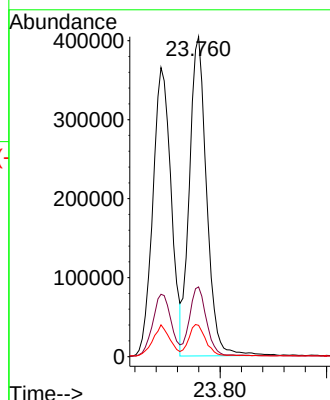
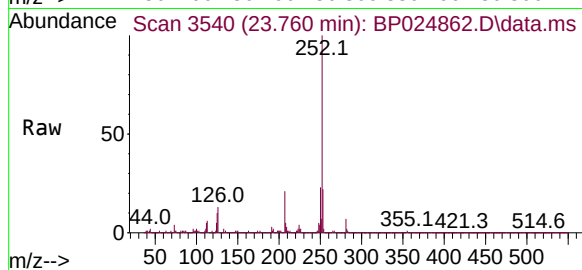
Tgt Ion:252	Resp: 905265
Ion Ratio	Lower Upper
252	100
253	21.8 17.7 26.5
125	9.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 9.562 ng

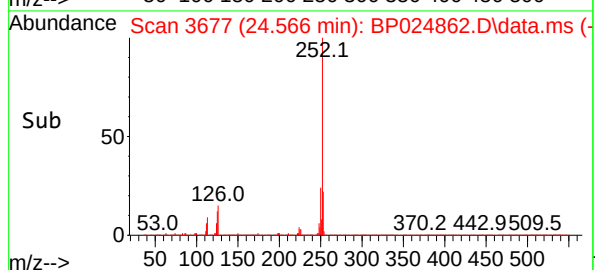
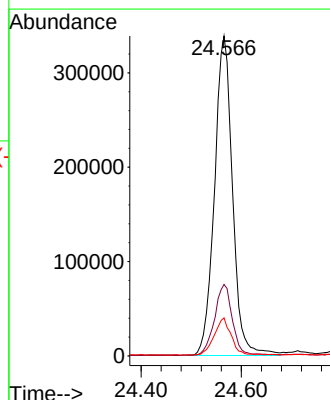
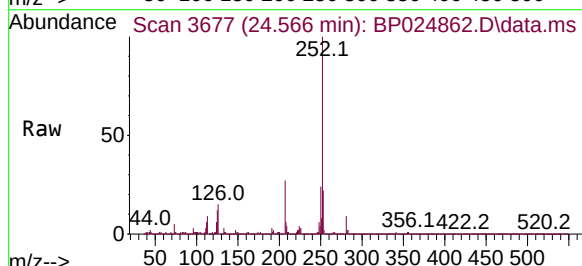
RT: 24.566 min Scan# 3677

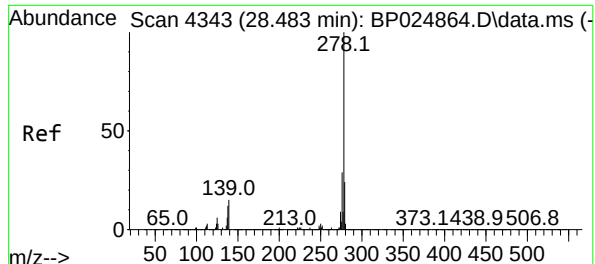
Delta R.T. -0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

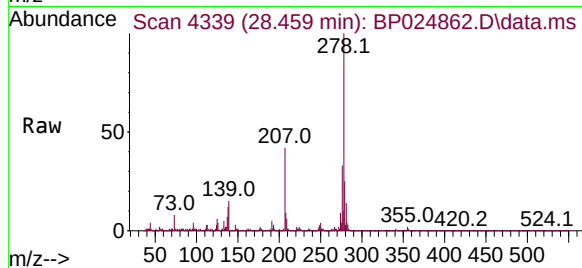
Tgt Ion:252	Resp: 845698
Ion Ratio	Lower Upper
252	100
253	22.3 17.5 26.3
125	11.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 9.624 ng
RT: 28.459 min Scan# 4343
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

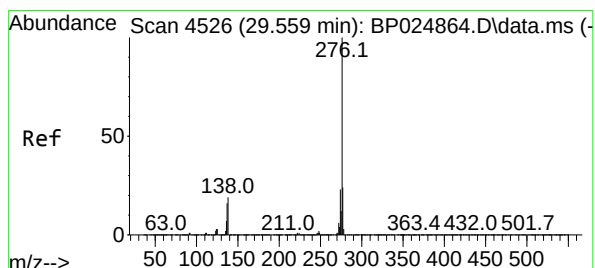
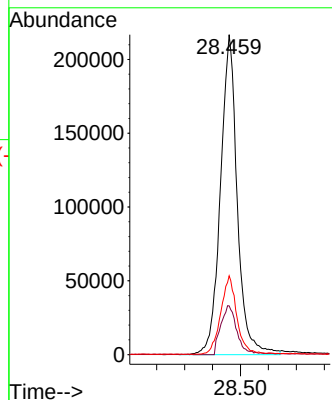
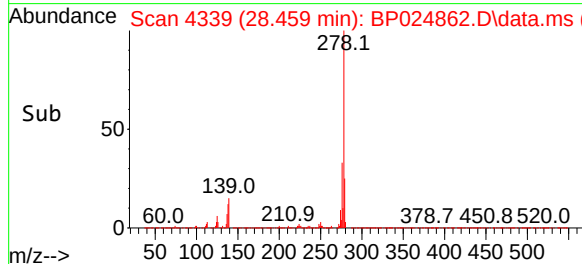
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 90452
Ion Ratio Lower Upper
278 100
139 15.2 12.0 18.0
279 24.6 19.1 28.7

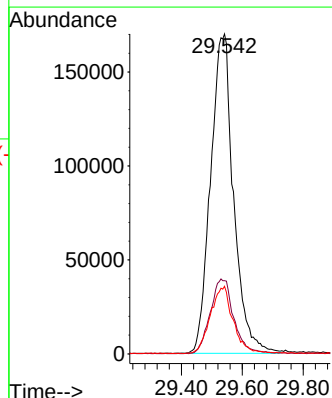
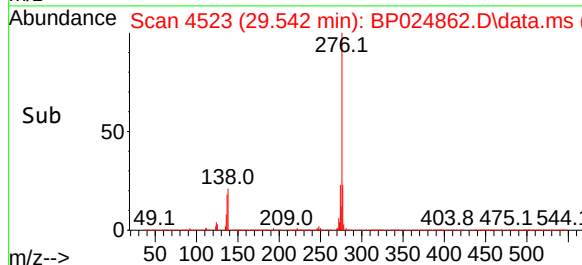
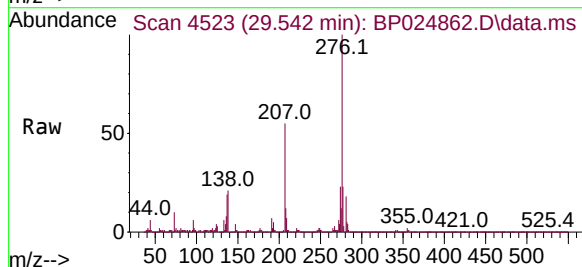
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 9.560 ng
RT: 29.542 min Scan# 4523
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 276 Resp: 891492
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 21.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024863.D
Acq On : 06 Jun 2025 12:33
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	222586	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	933995	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	604798	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1187838	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1296607	20.000	ng	0.00
86) Perylene-d12	24.730	264	1539603	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	537271	40.291	ng	0.00
7) Phenol-d6	6.814	99	706853	40.063	ng	0.00
23) Nitrobenzene-d5	8.760	82	789724	41.087	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	337588	40.373	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	1834625	40.864	ng	0.00
79) Terphenyl-d14	19.783	244	2972885	41.093	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.167	88	116694	19.888	ng	99
3) Pyridine	3.572	79	281621	19.958	ng	98
4) n-Nitrosodimethylamine	3.484	42	113202	19.623	ng	99
6) Aniline	6.955	93	448798	19.932	ng	98
8) 2-Chlorophenol	7.190	128	299518	19.813	ng	99
9) Benzaldehyde	6.772	77	238300m	23.366	ng	
10) Phenol	6.843	94	359664	19.774	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	296876	20.752	ng	99
12) 1,3-Dichlorobenzene	7.502	146	342054	20.283	ng	99
13) 1,4-Dichlorobenzene	7.643	146	341710	20.082	ng	99
14) 1,2-Dichlorobenzene	7.960	146	331251	19.825	ng	99
15) Benzyl Alcohol	7.866	79	263723	19.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	383219	20.467	ng	98
17) 2-Methylphenol	8.072	107	253261	19.940	ng	96
18) Hexachloroethane	8.666	117	129276	20.180	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	246328	20.537	ng	99
20) 3+4-Methylphenols	8.402	107	344513	19.881	ng	97
22) Acetophenone	8.425	105	476927	20.211	ng	98
24) Nitrobenzene	8.802	77	350404	20.521	ng	98
25) Isophorone	9.325	82	676527	20.309	ng	100
26) 2-Nitrophenol	9.513	139	166277	19.736	ng	99
27) 2,4-Dimethylphenol	9.584	122	289730	20.094	ng	99
28) bis(2-Chloroethoxy)met...	9.802	93	409390	20.603	ng	99
29) 2,4-Dichlorophenol	10.060	162	280050	20.242	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	313253	20.074	ng	99
31) Naphthalene	10.431	128	975495	20.381	ng	100
32) Benzoic acid	9.725	122	168675	17.546	ng	97
33) 4-Chloroaniline	10.554	127	406109	20.252	ng	99
34) Hexachlorobutadiene	10.707	225	194310	20.660	ng	99
35) Caprolactam	11.337	113	101727	19.975	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	328233	20.569	ng	98
37) 2-Methylnaphthalene	12.043	142	615339	20.267	ng	99
38) 1-Methylnaphthalene	12.266	142	670212	20.648	ng	97
40) 1,2,4,5-Tetrachloroben...	12.419	216	343533	20.018	ng	100
41) Hexachlorocyclopentadiene	12.390	237	190407	18.191	ng	100
43) 2,4,6-Trichlorophenol	12.684	196	233556	20.265	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024863.D
 Acq On : 06 Jun 2025 12:33
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 15:53:04 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	250294	20.279	ng	99
46) 1,1'-Biphenyl	13.066	154	898074	20.433	ng	99
47) 2-Chloronaphthalene	13.113	162	686558	20.324	ng	100
48) 2-Nitroaniline	13.337	65	208318	20.059	ng	97
49) Acenaphthylene	13.966	152	1144019	20.311	ng	99
50) Dimethylphthalate	13.707	163	908091	20.354	ng	100
51) 2,6-Dinitrotoluene	13.831	165	197073	20.490	ng	98
52) Acenaphthene	14.313	154	658935	20.416	ng	99
53) 3-Nitroaniline	14.172	138	204033	20.442	ng	97
54) 2,4-Dinitrophenol	14.401	184	93544	19.461	ng	97
55) Dibenzofuran	14.654	168	1061912	20.497	ng	99
56) 4-Nitrophenol	14.548	139	128784	19.619	ng	98
57) 2,4-Dinitrotoluene	14.637	165	276443	20.547	ng	99
58) Fluorene	15.319	166	858671	20.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	217510	19.689	ng	99
60) Diethylphthalate	15.090	149	899294	20.225	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	416662	20.361	ng	99
62) 4-Nitroaniline	15.360	138	185839	20.523	ng	98
63) Azobenzene	15.607	77	843121	20.675	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	148616	19.041	ng	100
66) n-Nitrosodiphenylamine	15.531	169	751407	20.409	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	268797	20.055	ng	99
68) Hexachlorobenzene	16.342	284	323008	19.880	ng	99
69) Atrazine	16.513	200	274257	20.548	ng	99
70) Pentachlorophenol	16.713	266	155614	18.505	ng	98
71) Phenanthrene	17.095	178	1318071	20.080	ng	100
72) Anthracene	17.184	178	1350106	20.308	ng	100
73) Carbazole	17.478	167	1256103	20.385	ng	100
74) Di-n-butylphthalate	18.066	149	1575537	20.637	ng	99
75) Fluoranthene	19.183	202	1552399	20.404	ng	100
77) Benzidine	19.395	184	867418	21.600	ng	99
78) Pyrene	19.560	202	1634896	20.183	ng	99
80) Butylbenzylphthalate	20.513	149	753875	20.318	ng	99
81) Benzo(a)anthracene	21.466	228	1669395	20.131	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	664556	20.185	ng	100
83) Chrysene	21.530	228	1593419	20.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.401	149	1097129	20.638	ng	99
85) Di-n-octyl phthalate	22.630	149	1865014	19.903	ng	99
87) Indeno(1,2,3-cd)pyrene	28.401	276	2261110	20.129	ng	# 92
88) Benzo(b)fluoranthene	23.695	252	1743865	19.792	ng	98
89) Benzo(k)fluoranthene	23.760	252	1817500	20.264	ng	99
90) Benzo(a)pyrene	24.566	252	1735236	20.166	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	1850432	20.237	ng	99
92) Benzo(g,h,i)perylene	29.530	276	1820845	20.071	ng	97

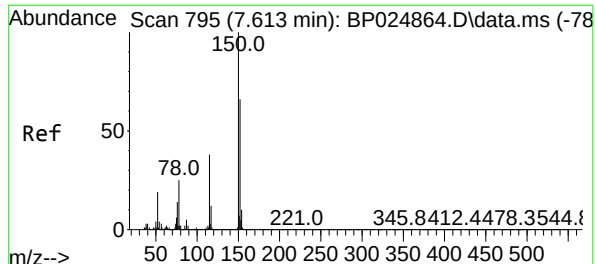
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

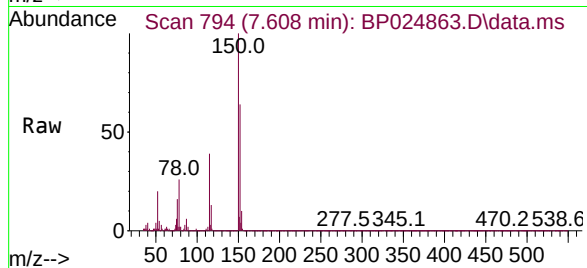
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

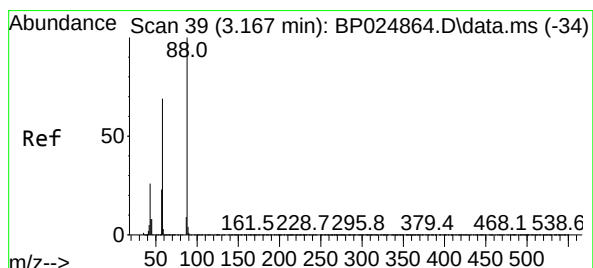
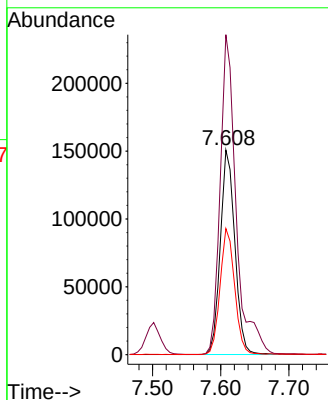
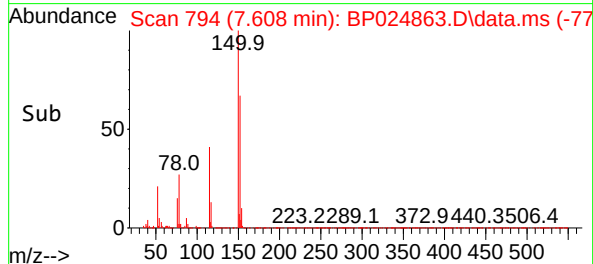
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



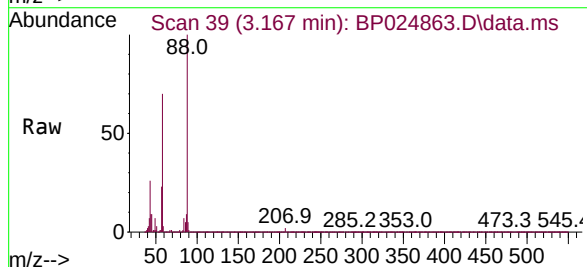
Tgt Ion: 152 Resp: 222586
Ion Ratio Lower Upper
152 100
150 156.4 122.1 183.1
115 61.6 46.4 69.6

Manual Integrations
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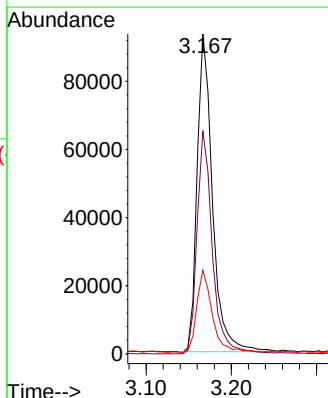
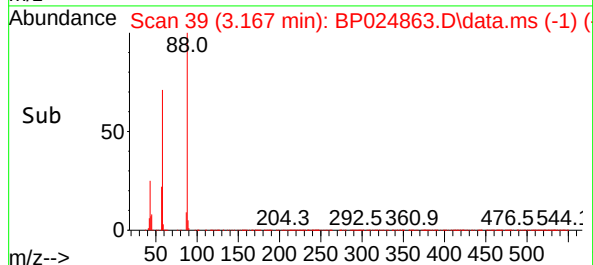
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

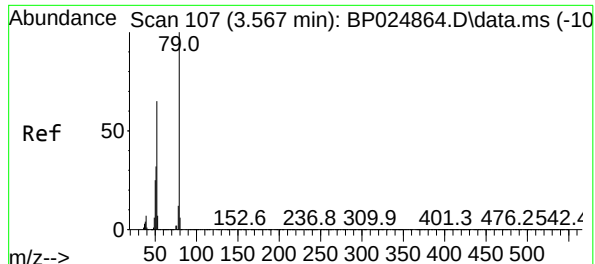


#2
1,4-Dioxane
Concen: 19.888 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



Tgt Ion: 88 Resp: 116694
Ion Ratio Lower Upper
88 100
58 70.6 55.4 83.0
43 25.6 20.8 31.2





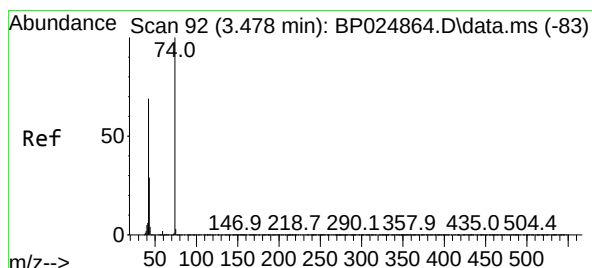
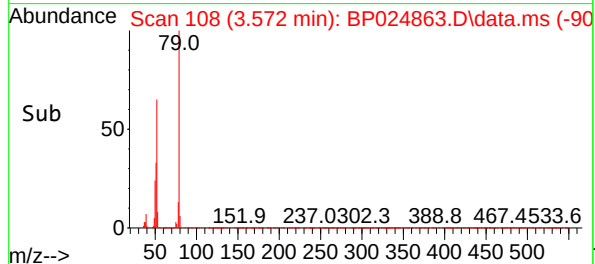
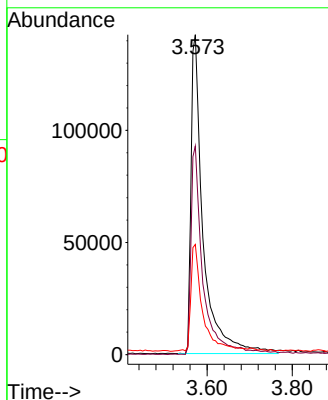
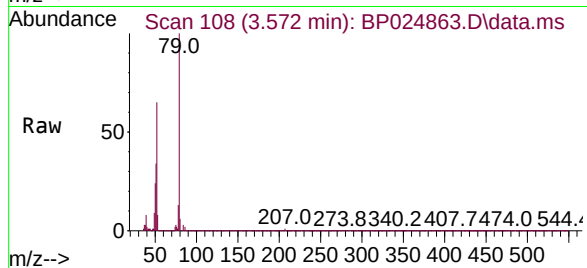
#3
Pyridine
Concen: 19.958 ng
RT: 3.572 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 28162
Ion Ratio Lower Upper
79 100
52 65.2 51.6 77.4
51 34.4 25.5 38.3

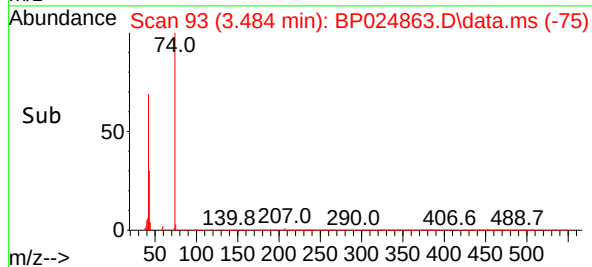
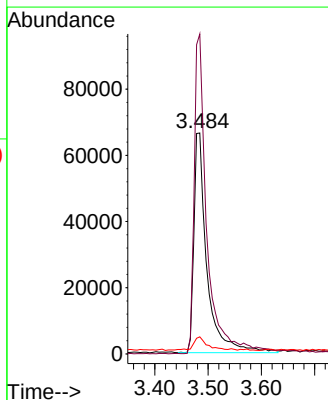
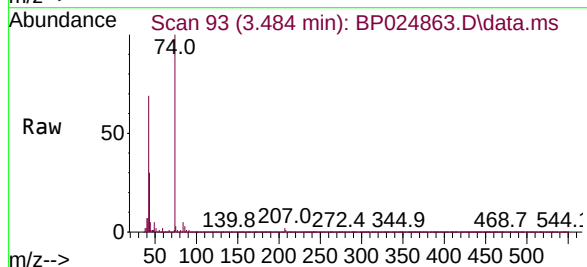
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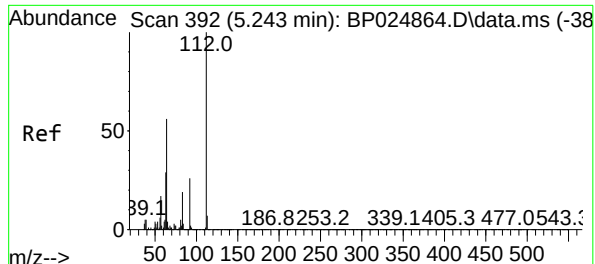
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#4
n-Nitrosodimethylamine
Concen: 19.623 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 42 Resp: 113202
Ion Ratio Lower Upper
42 100
74 144.8 116.6 174.8
44 7.7 5.4 8.0





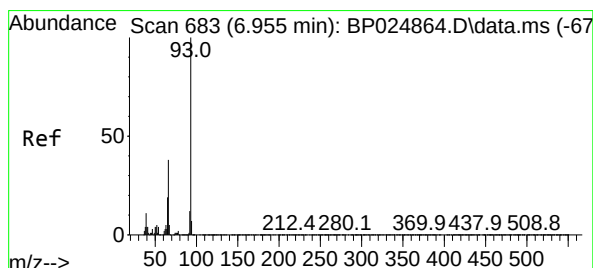
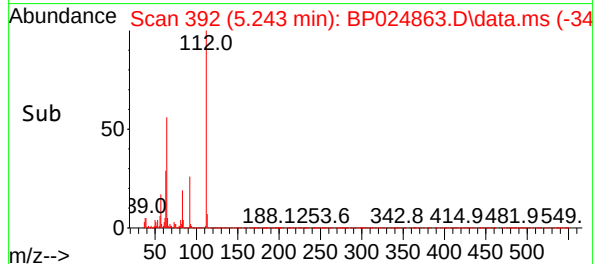
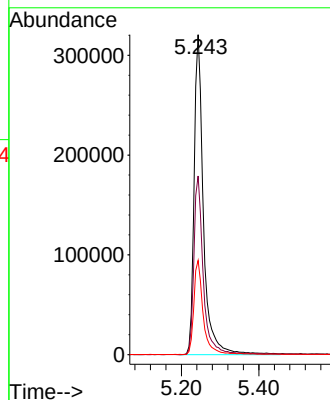
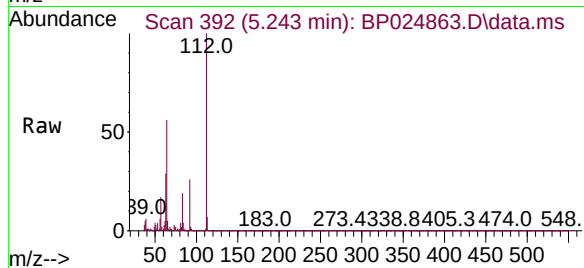
#5
2-Fluorophenol
Concen: 40.291 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 53727
Ion Ratio Lower Upper
112 100
64 55.8 44.7 67.1
63 29.4 23.5 35.3

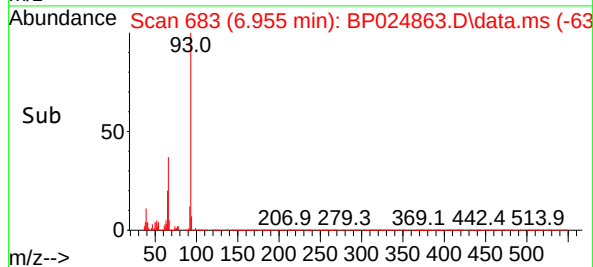
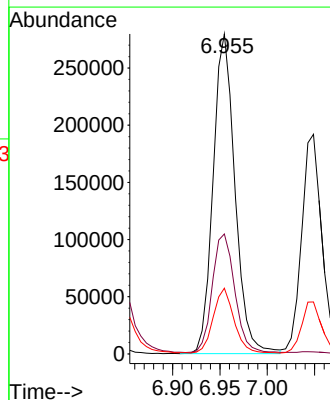
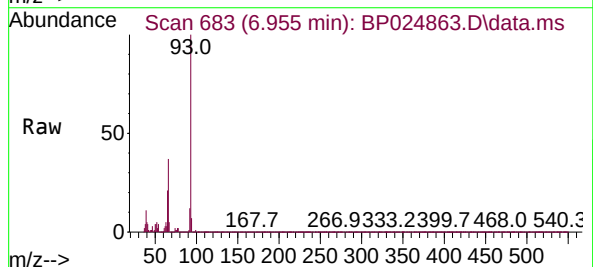
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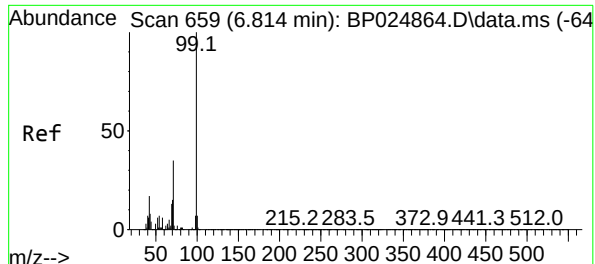
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#6
Aniline
Concen: 19.932 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 93 Resp: 448798
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 20.5 15.5 23.3





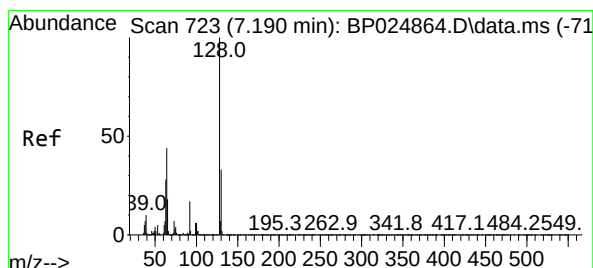
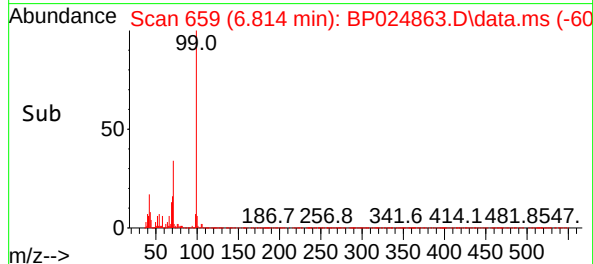
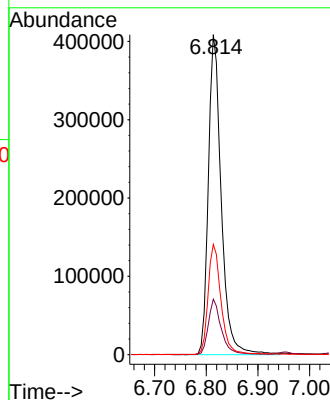
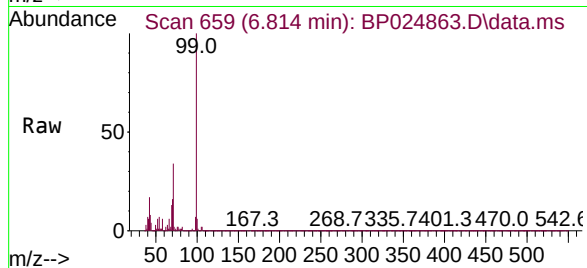
#7
Phenol-d6
Concen: 40.063 ng
RT: 6.814 min Scan# 659
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 706853
Ion Ratio Lower Upper
99 100
42 17.3 13.4 20.2
71 34.4 27.6 41.4

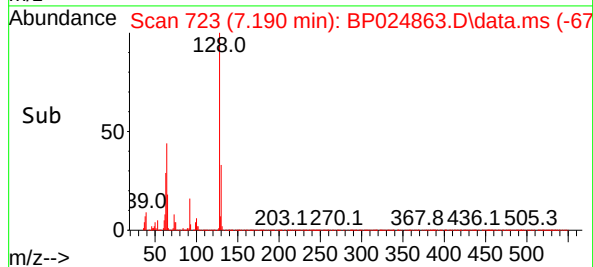
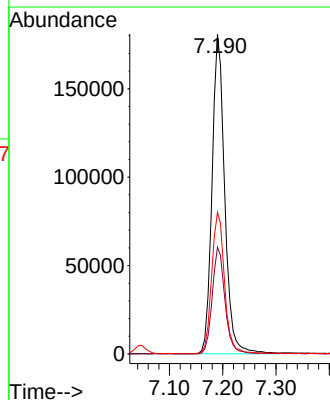
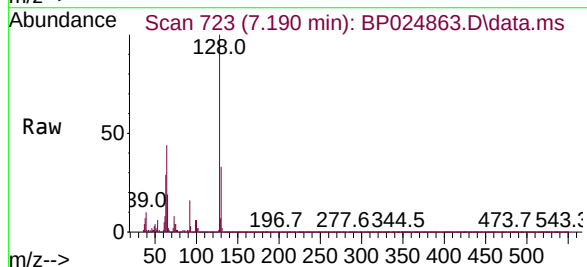
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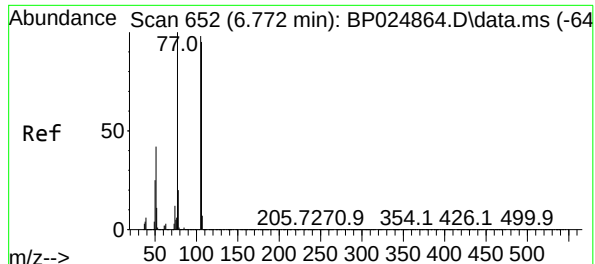
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#8
2-Chlorophenol
Concen: 19.813 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:128 Resp: 299518
Ion Ratio Lower Upper
128 100
130 33.3 12.6 52.6
64 44.3 24.1 64.1





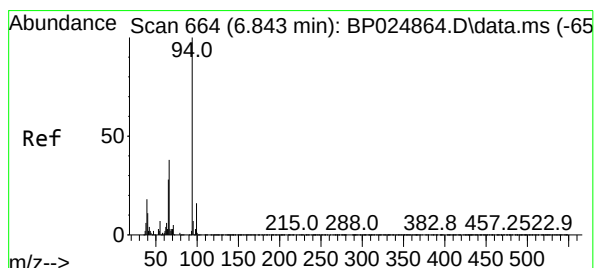
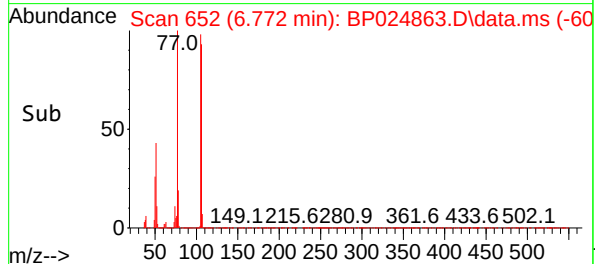
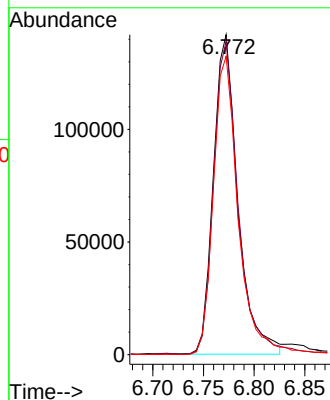
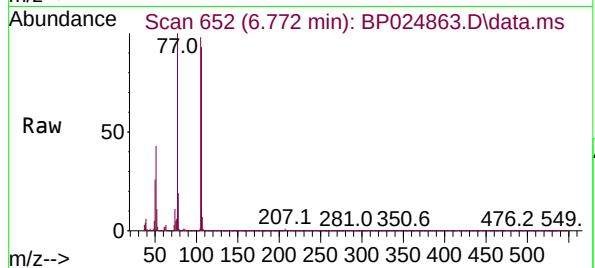
#9
Benzaldehyde
Concen: 23.366 ng m
RT: 6.772 min Scan# 652
Delta R.T. 0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 238300
Ion Ratio Lower Upper
77 100
105 97.9 77.7 117.7
106 93.2 74.8 114.8

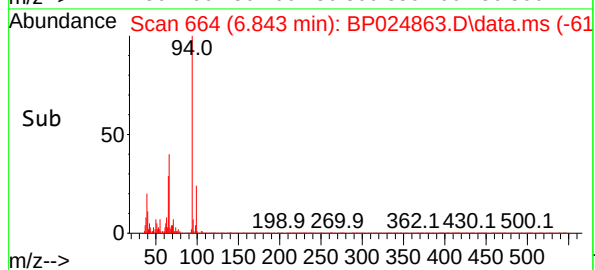
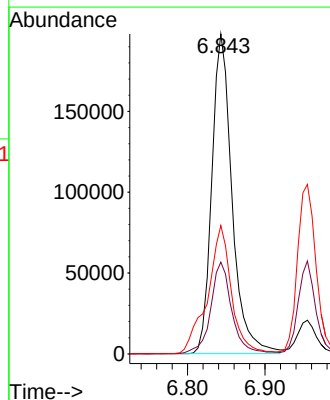
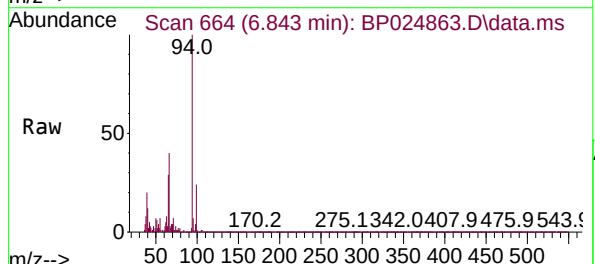
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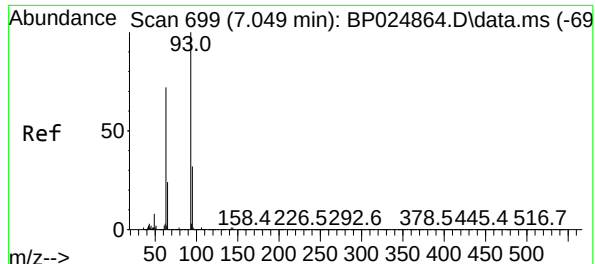
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 19.774 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 94 Resp: 359664
Ion Ratio Lower Upper
94 100
65 28.7 8.3 48.3
66 40.1 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 20.752 ng

RT: 7.049 min Scan# 699

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

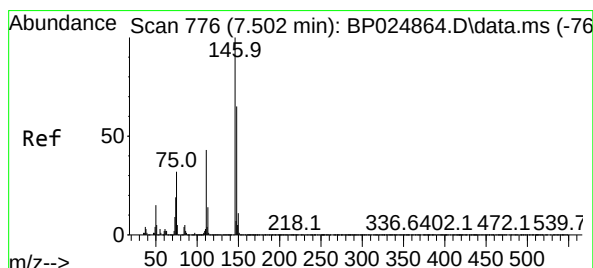
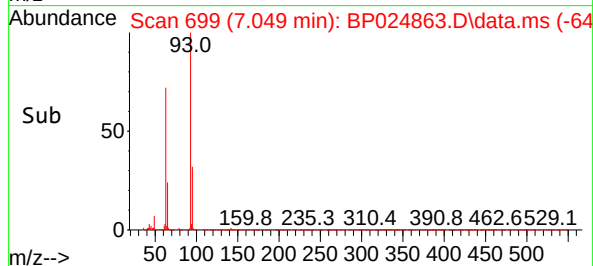
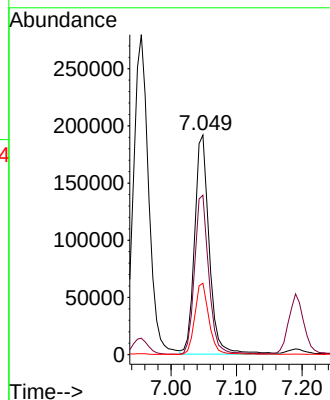
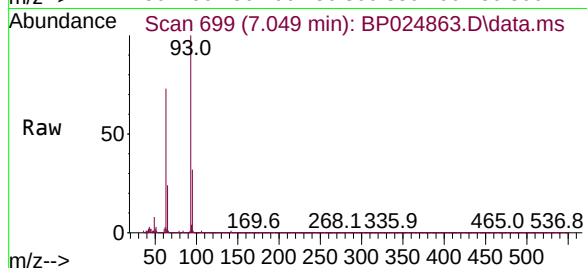
SSTDICC020

Tgt Ion:	93	Resp:	296876
Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.6	91.6
95	32.5	12.1	52.1

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#12

1,3-Dichlorobenzene

Concen: 20.283 ng

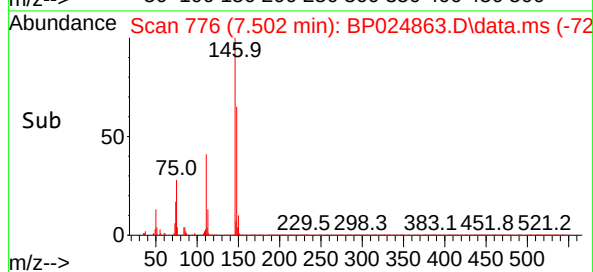
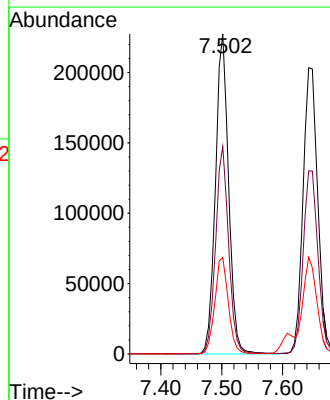
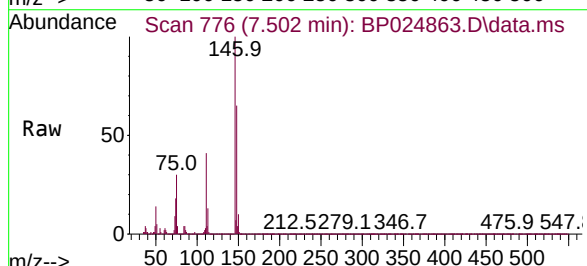
RT: 7.502 min Scan# 776

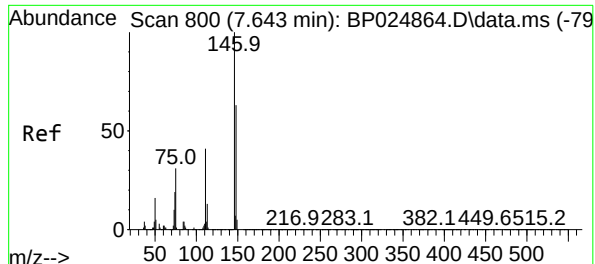
Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:	146	Resp:	342054
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.1	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 20.082 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 341710

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

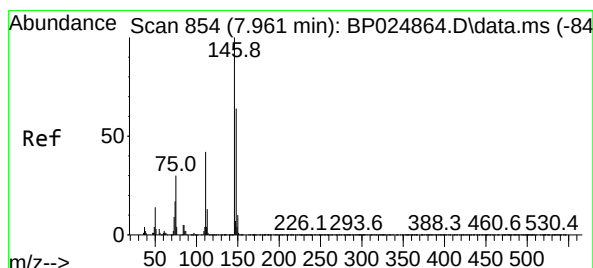
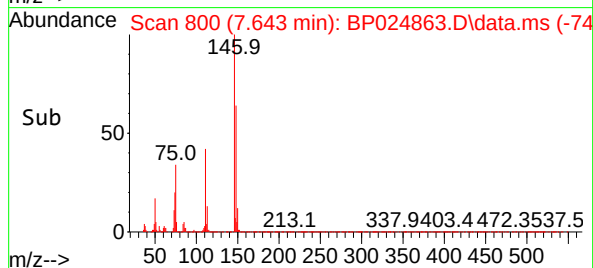
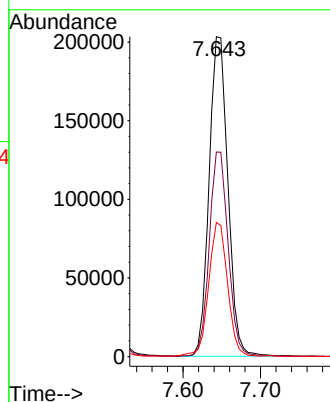
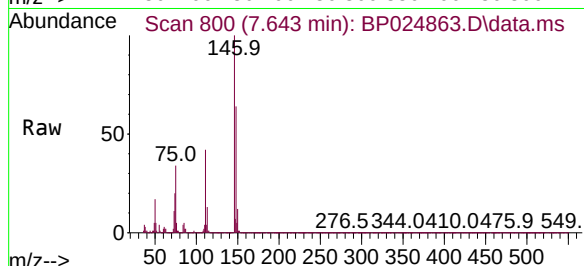
111 41.9 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 19.825 ng

RT: 7.960 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

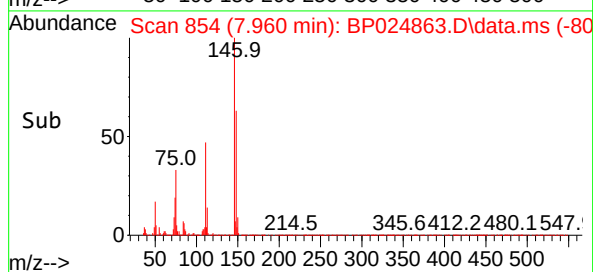
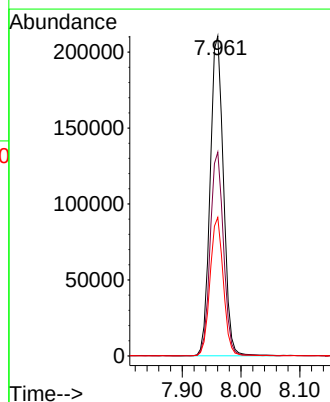
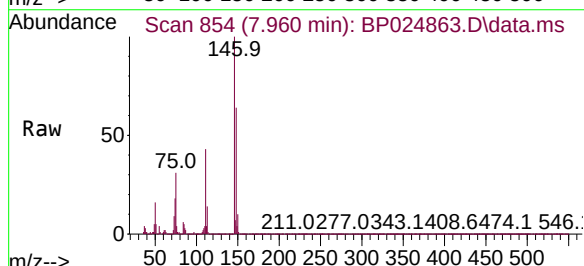
Tgt Ion:146 Resp: 331251

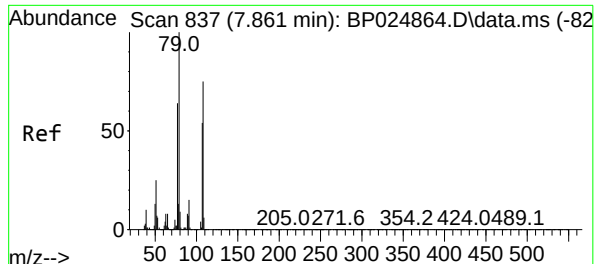
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 43.3 33.8 50.8





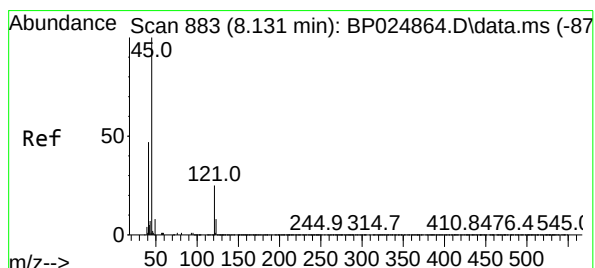
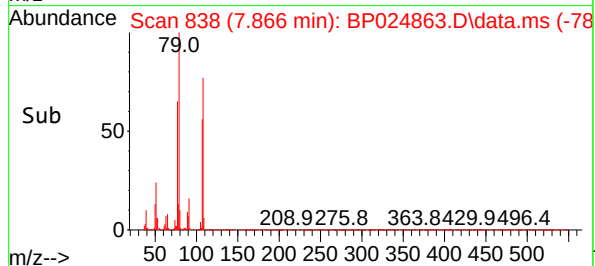
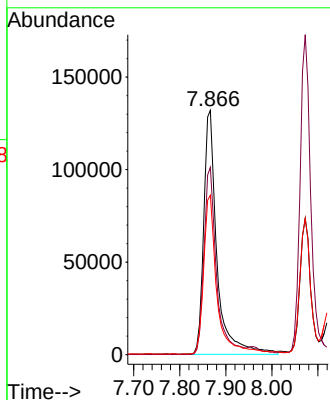
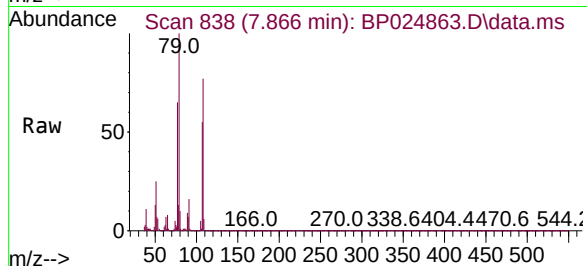
#15
Benzyl Alcohol
Concen: 19.476 ng
RT: 7.866 min Scan# 837
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 79 Resp: 263723
Ion Ratio Lower Upper
79 100
108 76.7 60.2 90.4
77 65.3 51.2 76.8

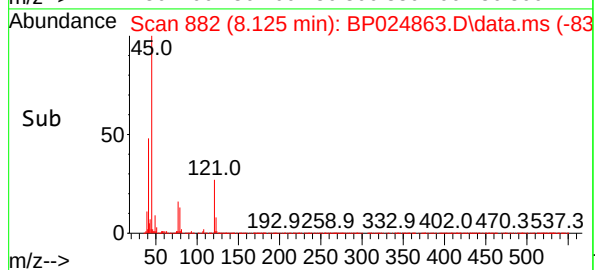
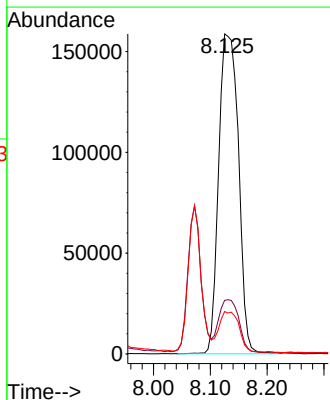
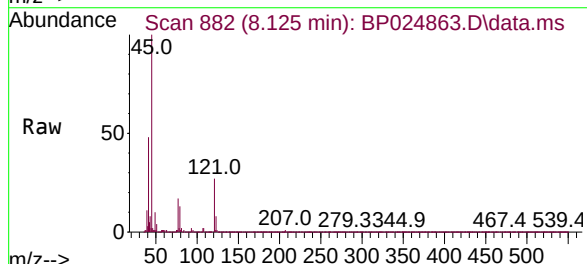
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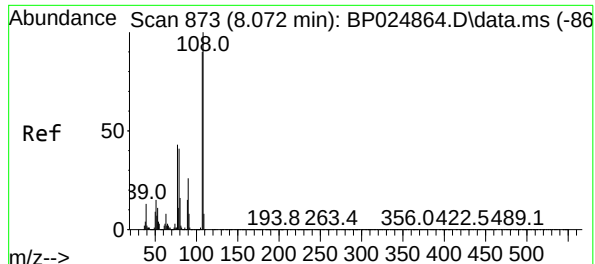
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.467 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 45 Resp: 383219
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.3
79 13.2 0.0 32.2





#17

2-Methylphenol

Concen: 19.940 ng

RT: 8.072 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 25326

Ion Ratio Lower Upper

107 100

108 106.0 88.6 132.8

77 45.0 38.5 57.7

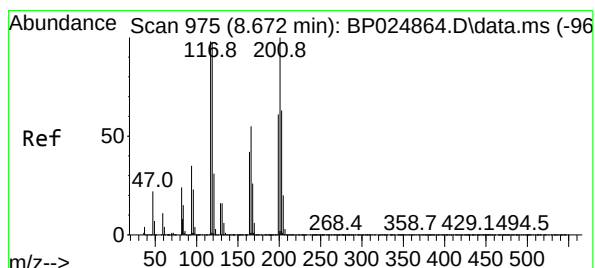
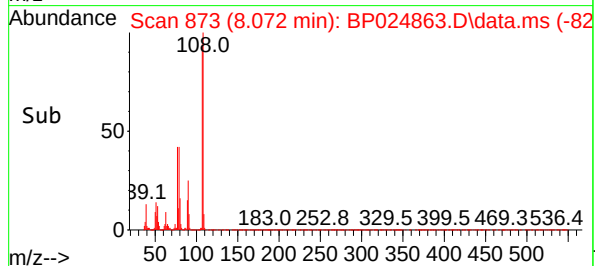
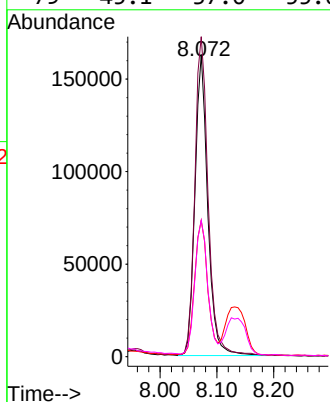
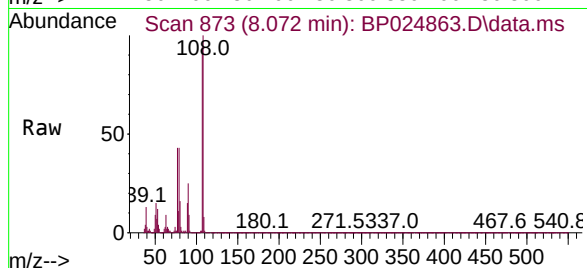
79 45.1 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#18

Hexachloroethane

Concen: 20.180 ng

RT: 8.666 min Scan# 974

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

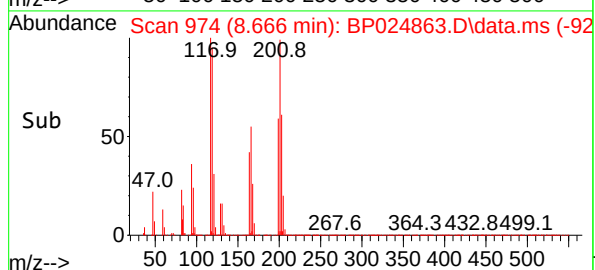
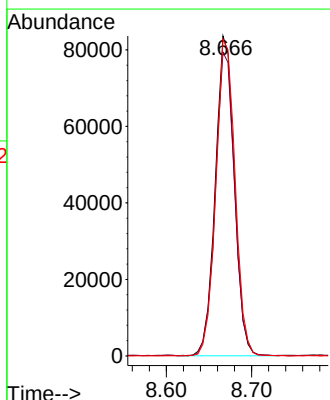
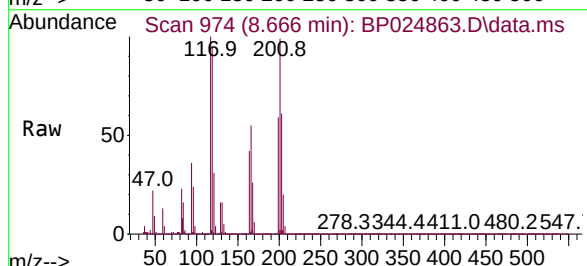
Tgt Ion:117 Resp: 129276

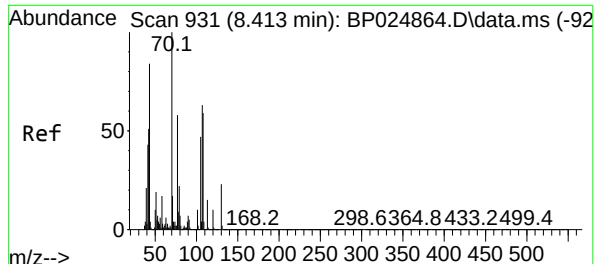
Ion Ratio Lower Upper

117 100

119 94.9 79.4 119.2

201 98.9 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.537 ng

RT: 8.408 min Scan# 931

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 246328

Ion Ratio Lower Upper

70 100

42 51.7 41.2 61.8

101 10.2 8.3 12.5

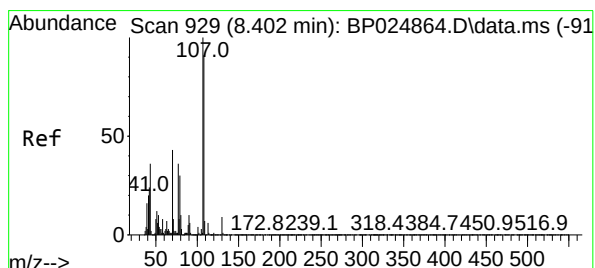
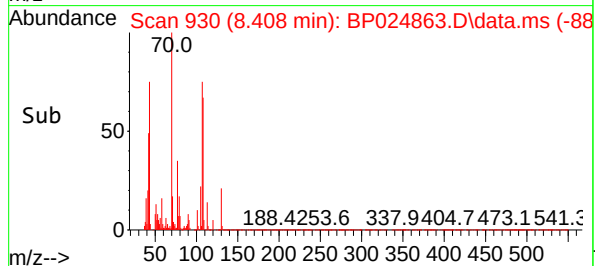
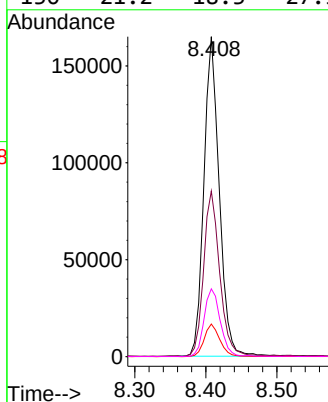
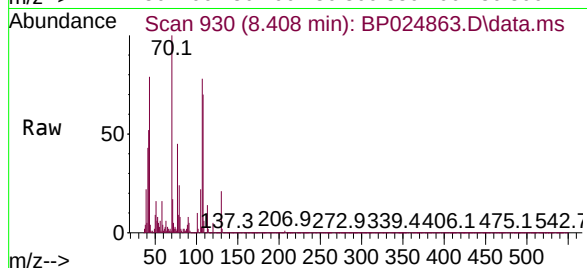
130 21.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#20

3+4-Methylphenols

Concen: 19.881 ng

RT: 8.402 min Scan# 929

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:107 Resp: 344513

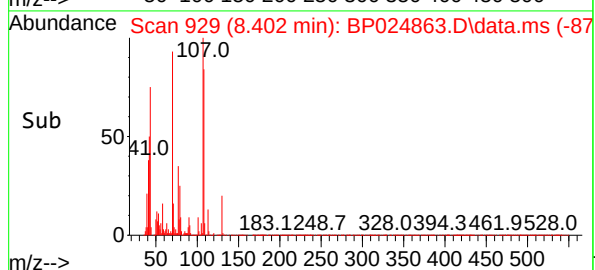
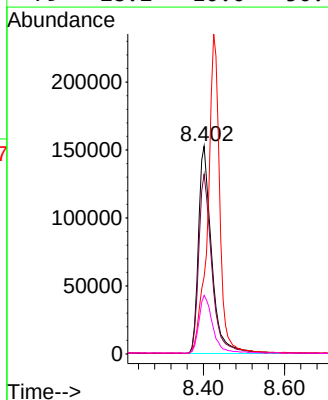
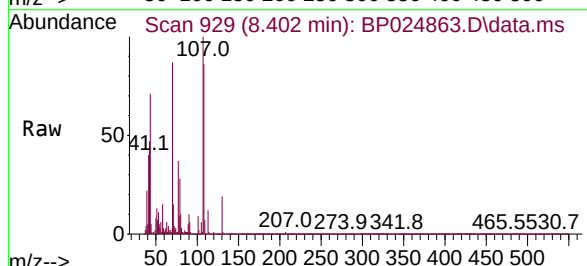
Ion Ratio Lower Upper

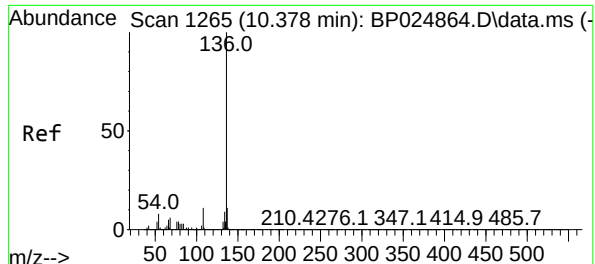
107 100

108 86.4 70.7 110.7

77 37.1 16.6 56.6

79 28.2 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

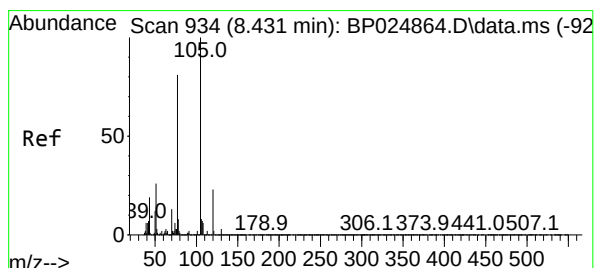
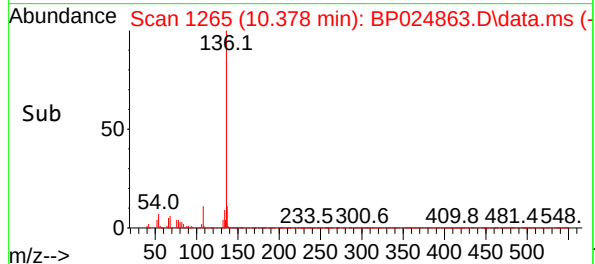
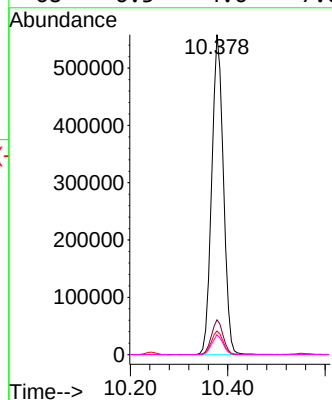
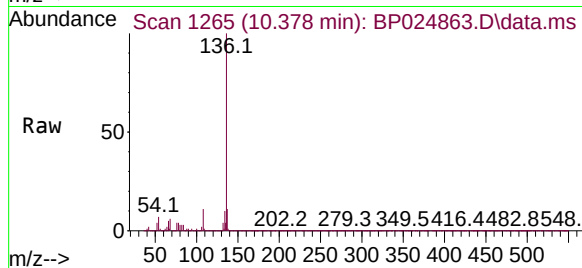
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.1	9.1
68	6.3	4.6	7.0

Manual Integrations
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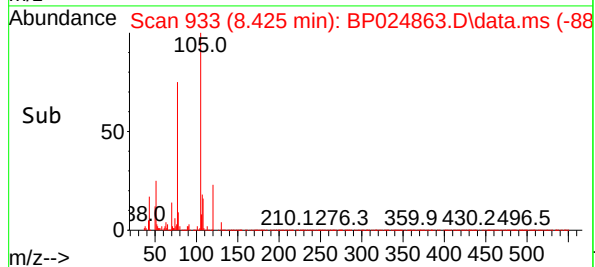
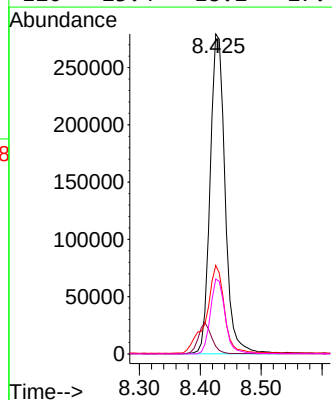
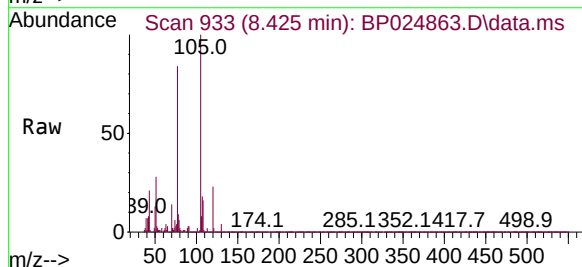
Reviewed By :Rahul Chavli 06/09/2025

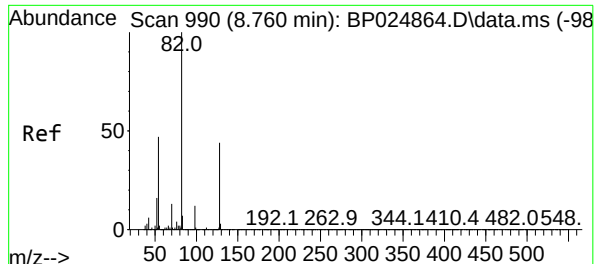
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 20.211 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.6	2.4
51	27.6	20.6	31.0
120	23.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 41.087 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

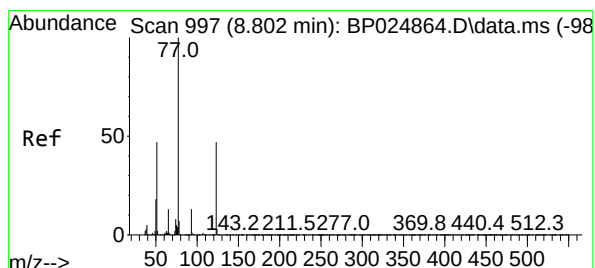
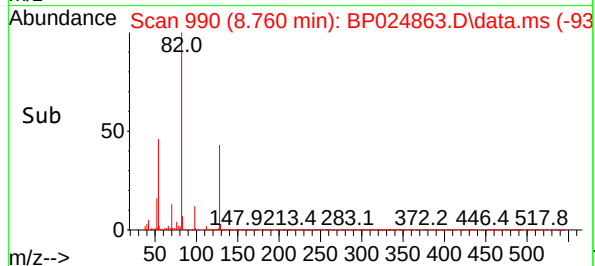
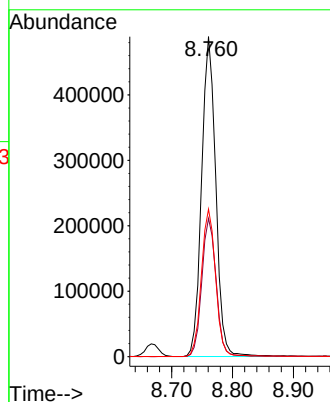
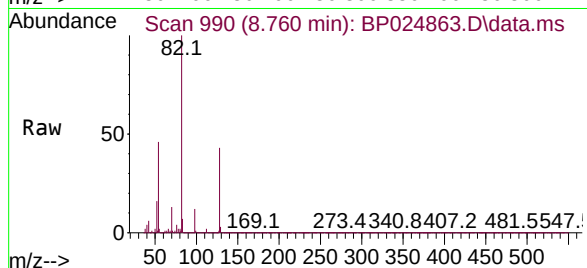
SSTDICC020

Tgt Ion:	82	Resp:	789724
Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.3	52.9
54	46.1	37.4	56.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 20.521 ng

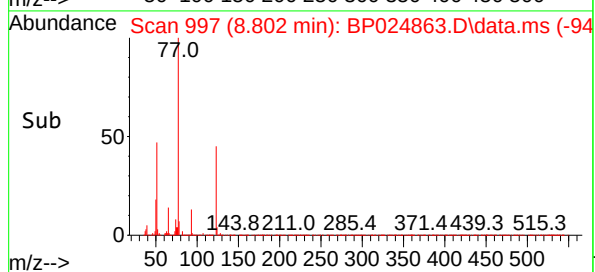
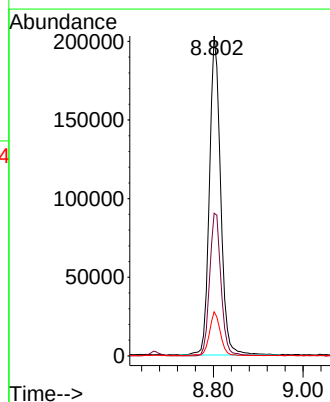
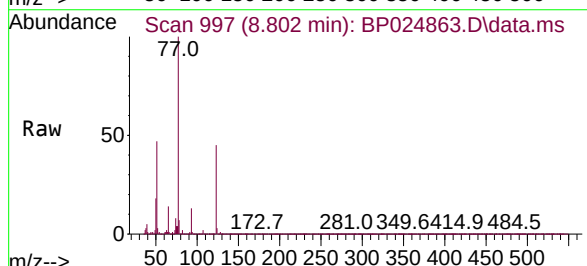
RT: 8.802 min Scan# 997

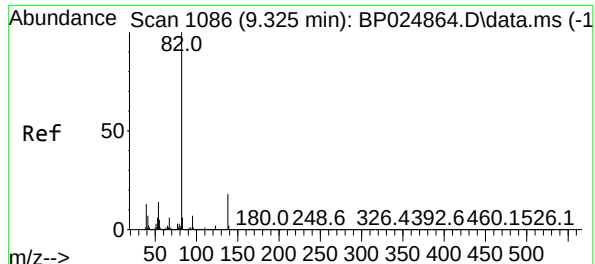
Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

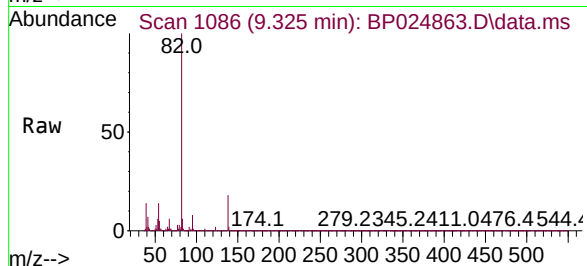
Tgt Ion:	77	Resp:	350404
Ion	Ratio	Lower	Upper
77	100		
123	44.6	37.3	55.9
65	13.8	10.8	16.2





#25
Isophorone
Concen: 20.309 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

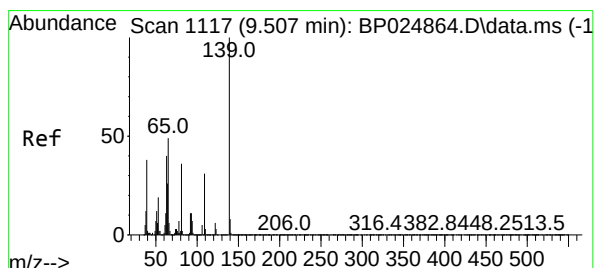
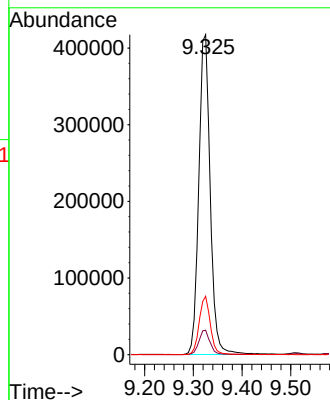
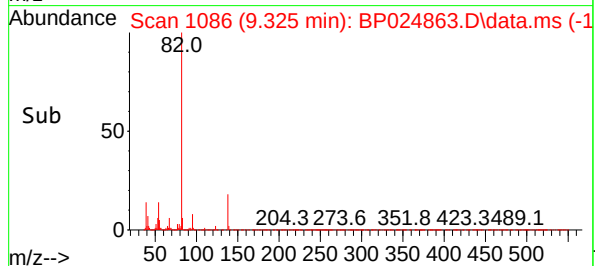
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 67652
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.3 14.6 21.8

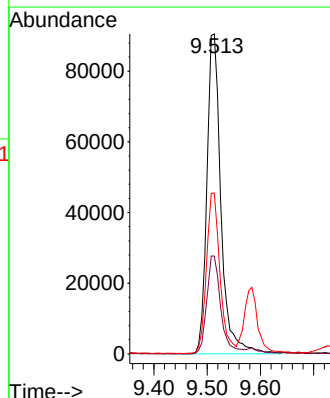
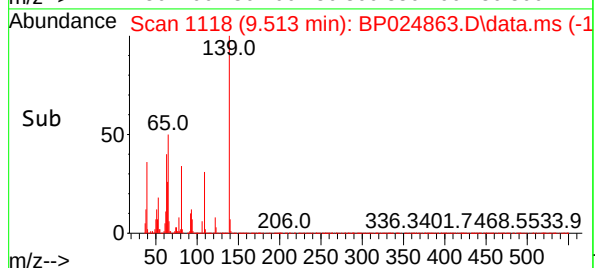
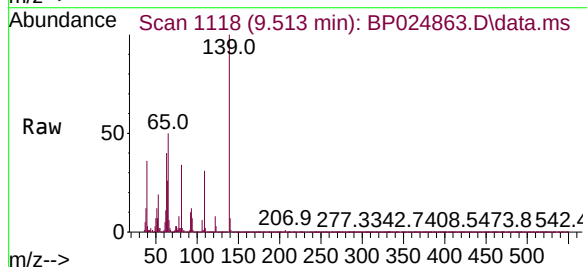
Manual Integrations
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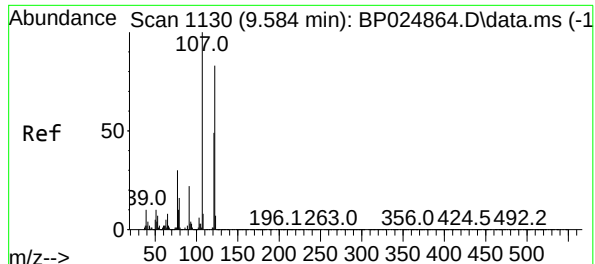
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#26
2-Nitrophenol
Concen: 19.736 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:139 Resp: 166277
Ion Ratio Lower Upper
139 100
109 30.6 24.6 37.0
65 50.3 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 20.094 ng

RT: 9.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024863.D

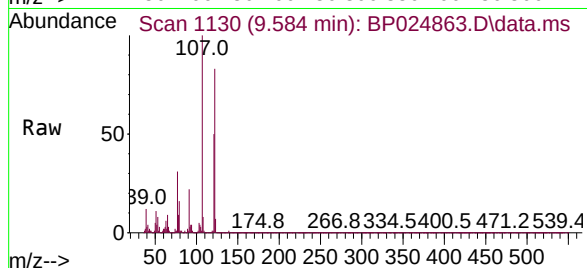
Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020



Tgt Ion: 122 Resp: 289730

Ion Ratio Lower Upper

122 100

107 121.0 96.2 144.4

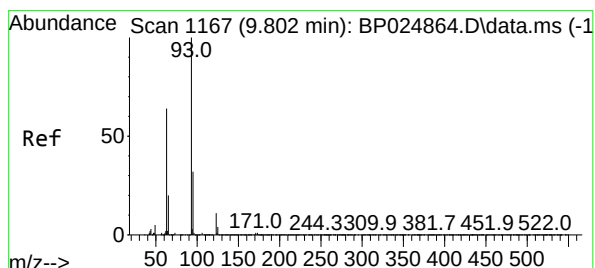
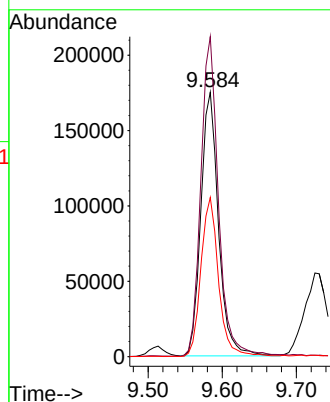
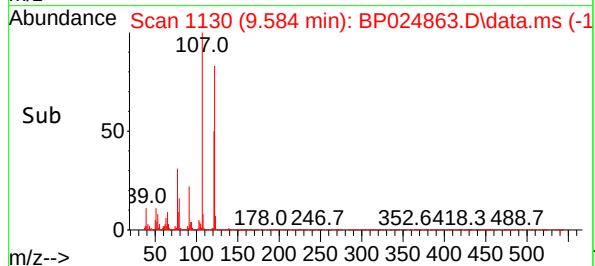
121 60.2 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.603 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

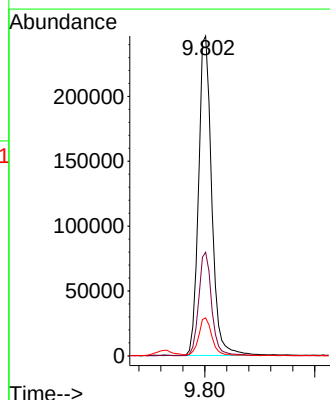
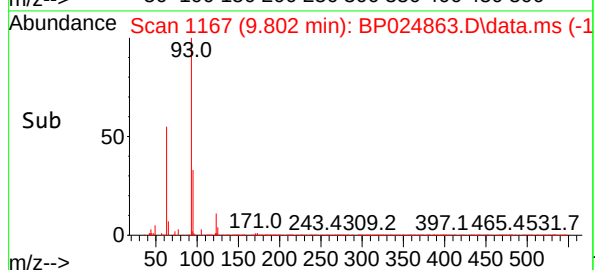
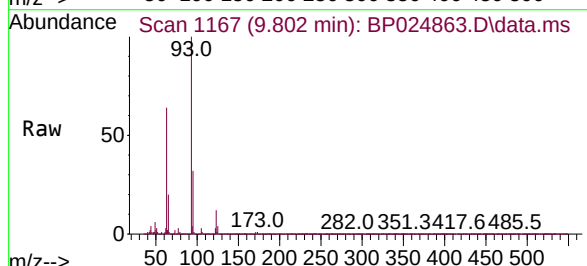
Tgt Ion: 93 Resp: 409390

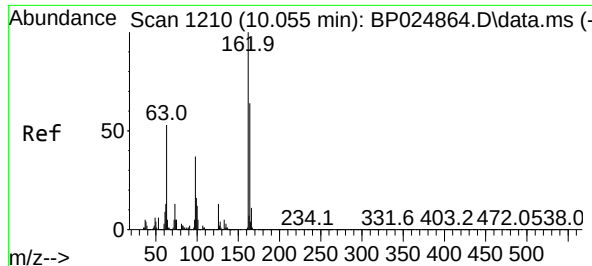
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 20.242 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 280050

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

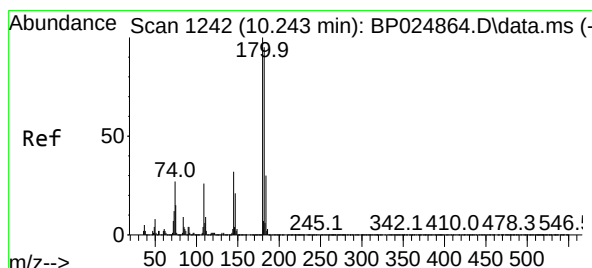
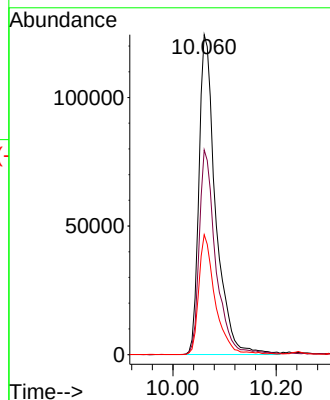
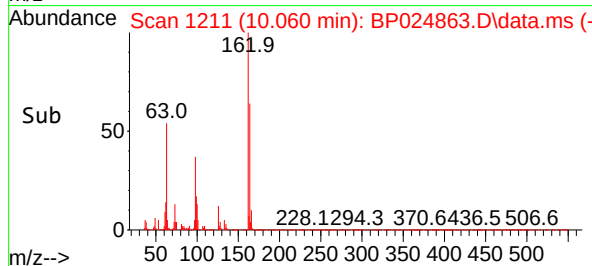
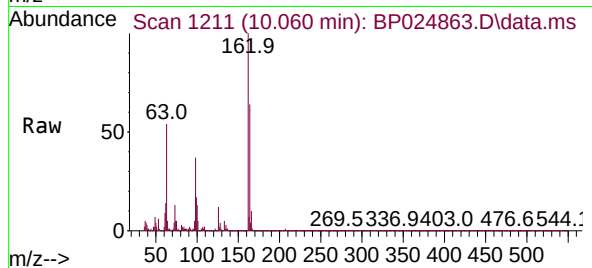
98 37.5 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.074 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

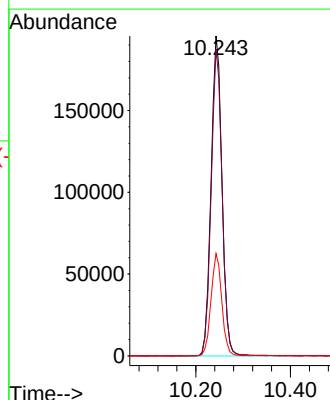
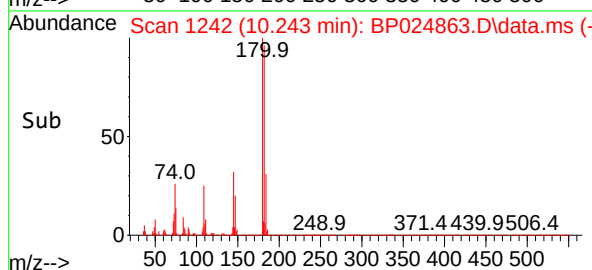
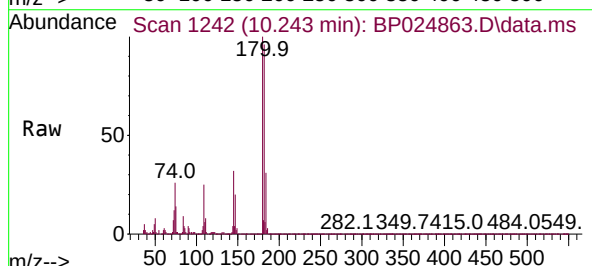
Tgt Ion:180 Resp: 313253

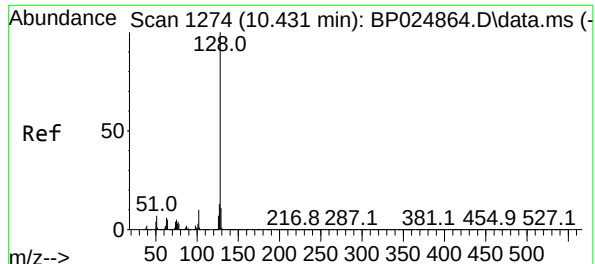
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 32.0 25.7 38.5





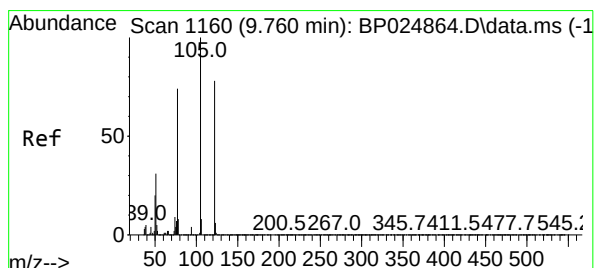
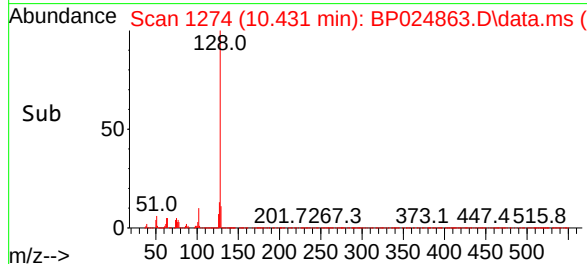
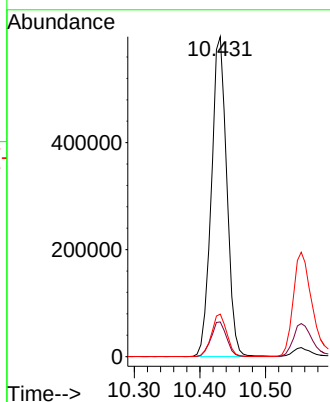
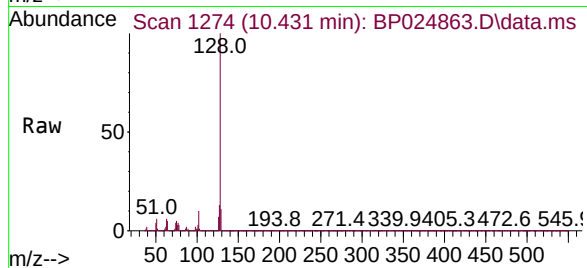
#31
Naphthalene
Concen: 20.381 ng
RT: 10.431 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 975495
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1

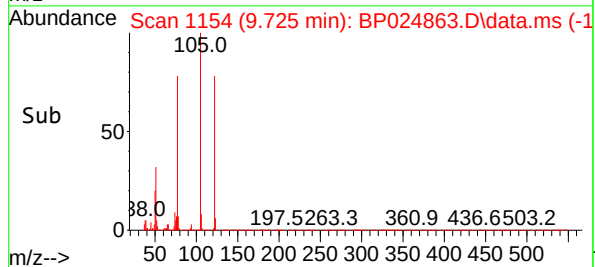
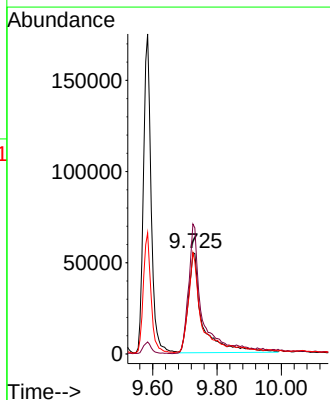
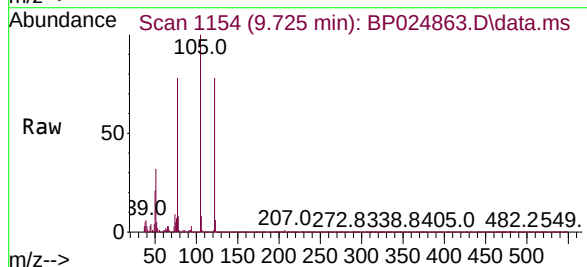
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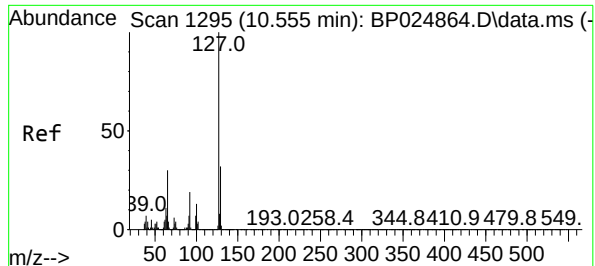
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 17.546 ng
RT: 9.725 min Scan# 1154
Delta R.T. -0.035 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:122 Resp: 168675
Ion Ratio Lower Upper
122 100
105 128.5 107.1 147.1
77 99.9 75.1 115.1





#33
4-Chloroaniline
Concen: 20.252 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

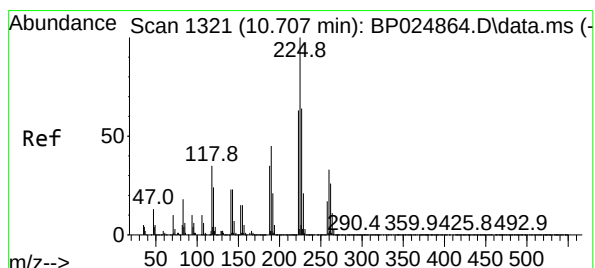
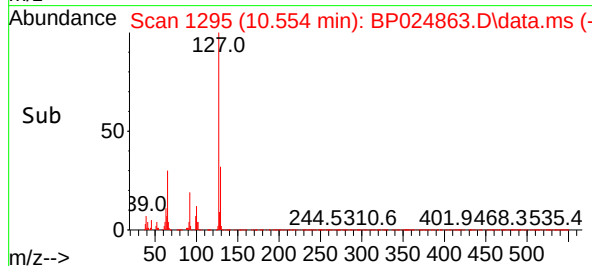
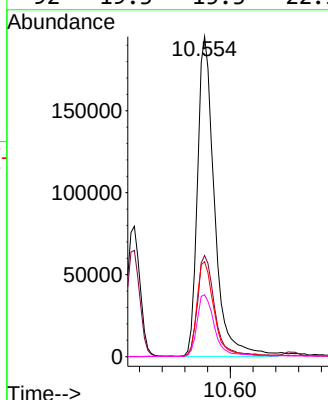
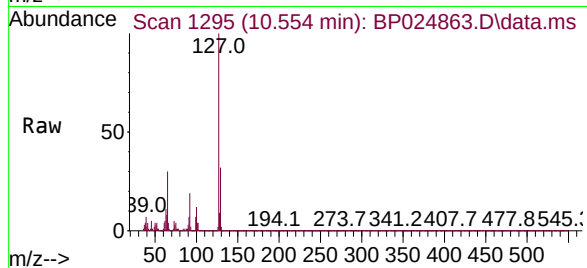
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.7	23.9	35.9
92	19.3	15.3	22.9

Manual Integrations
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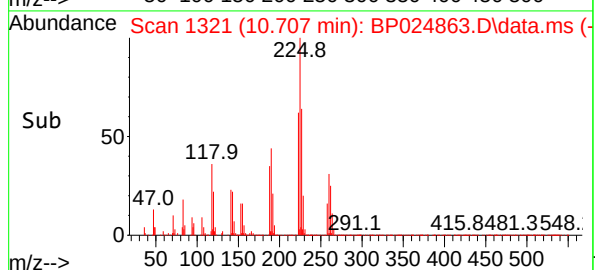
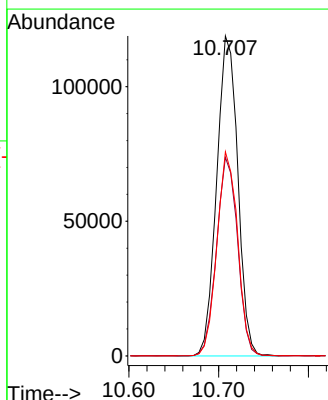
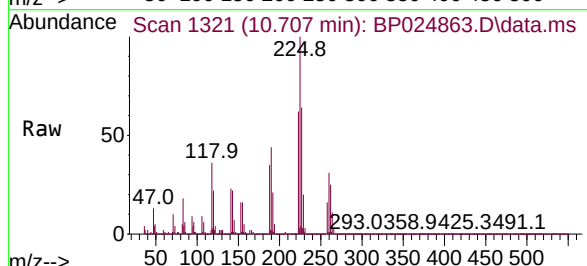
Reviewed By :Rahul Chavli 06/09/2025

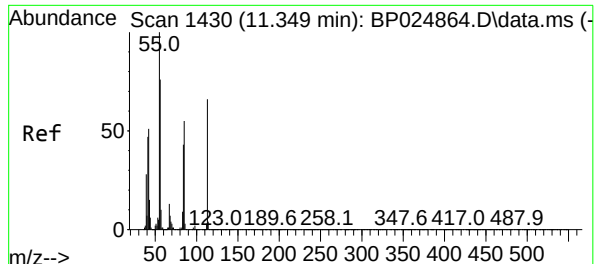
Supervised By :Jagrut Upadhyay 06/09/2025



#34
Hexachlorobutadiene
Concen: 20.660 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

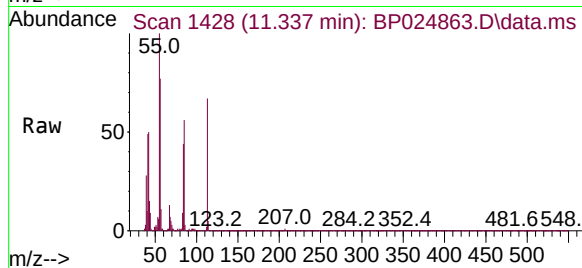
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	63.8	51.4	77.2





#35
Caprolactam
Concen: 19.975 ng
RT: 11.337 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

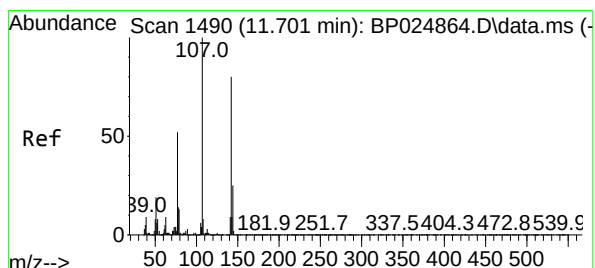
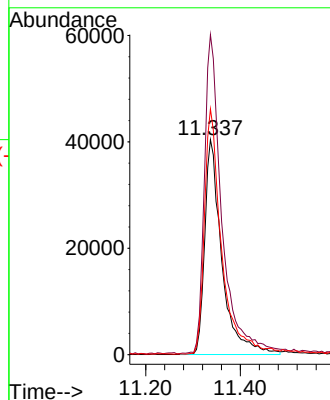
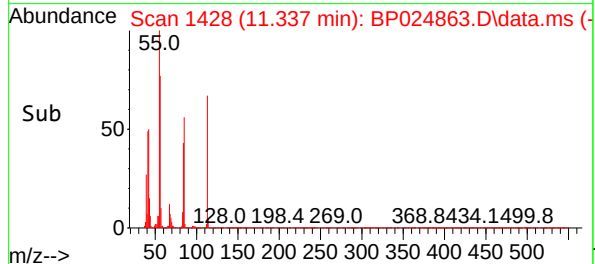
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 10172
Ion Ratio Lower Upper
113 100
55 148.8 132.5 172.5
56 114.3 96.0 136.0

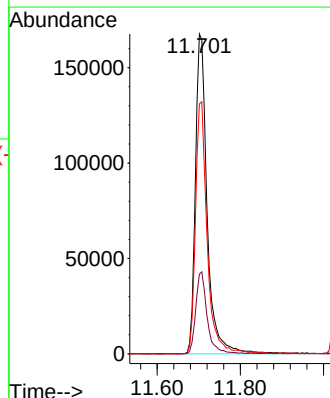
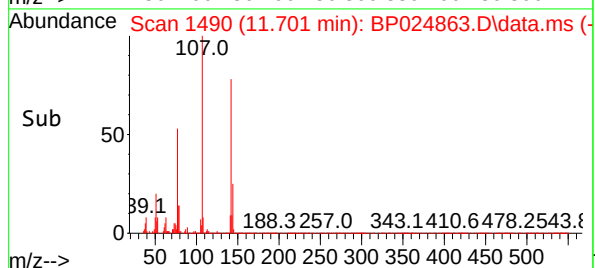
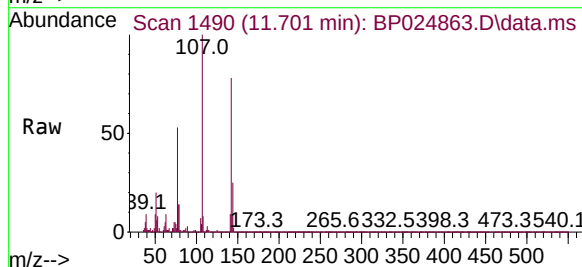
Manual Integrations
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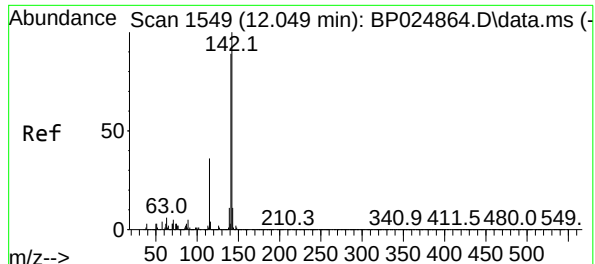
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 20.569 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:107 Resp: 328233
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 78.1 63.8 95.6





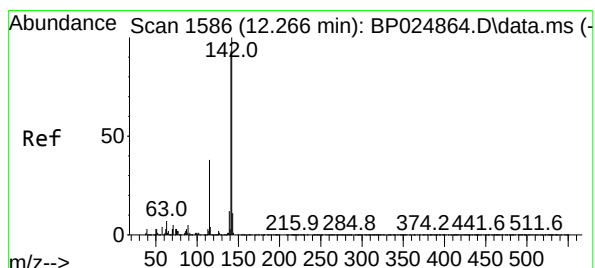
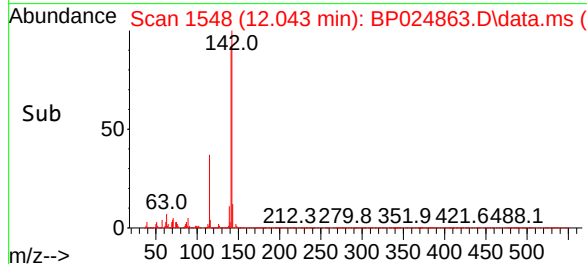
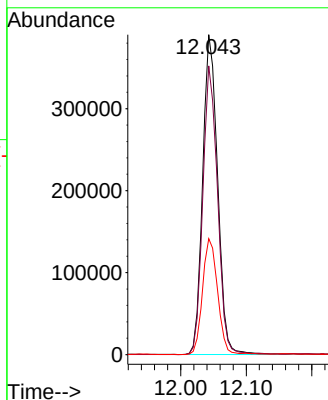
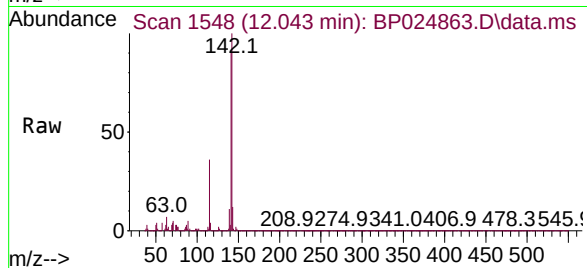
#37
2-Methylnaphthalene
Concen: 20.267 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 615339
Ion Ratio Lower Upper
142 100
141 90.2 71.2 106.8
115 36.2 28.5 42.7

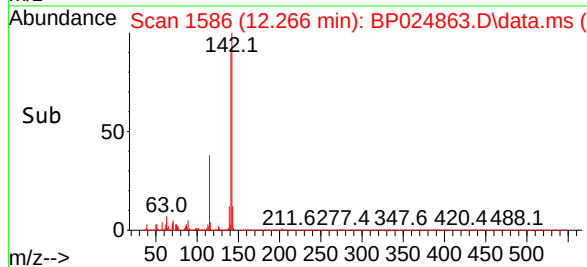
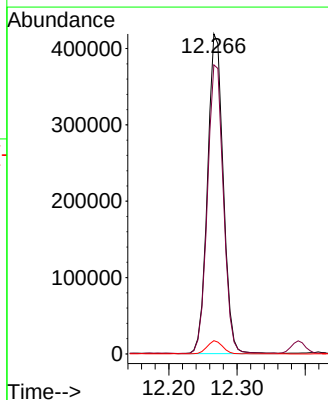
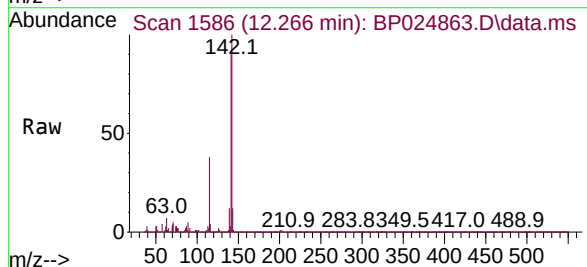
Manual Integrations
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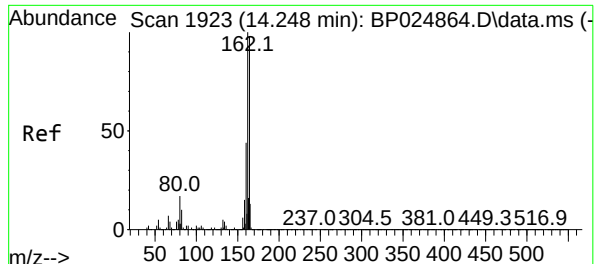
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#38
1-Methylnaphthalene
Concen: 20.648 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:142 Resp: 670212
Ion Ratio Lower Upper
142 100
141 90.3 74.7 112.1
116 4.2 3.4 5.0





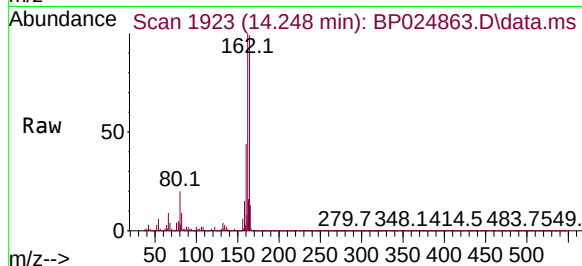
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

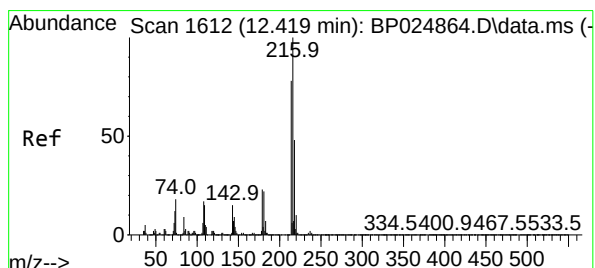
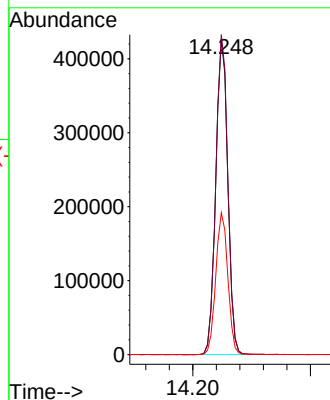
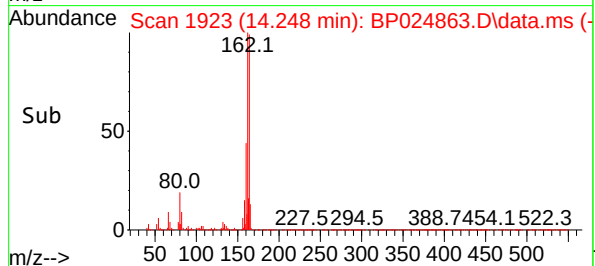
SSTDICC020



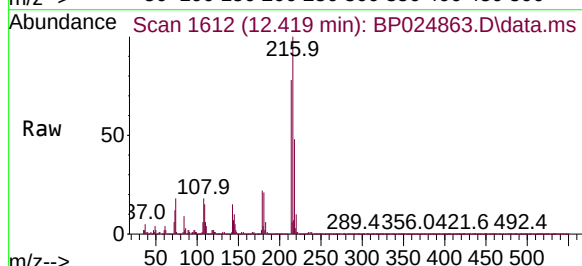
Tgt Ion:164 Resp: 604798
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 44.9 36.2 54.2

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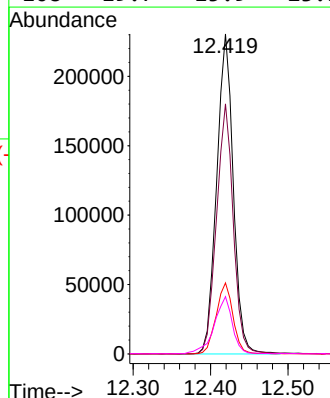
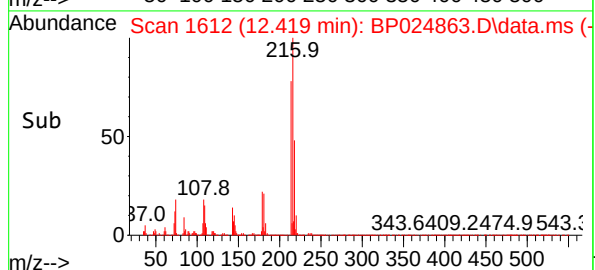
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

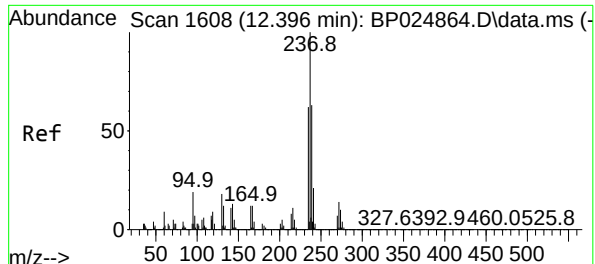


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.018 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



Tgt Ion:216 Resp: 343533
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.5 17.8 26.6
108 19.7 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 18.191 ng

RT: 12.390 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

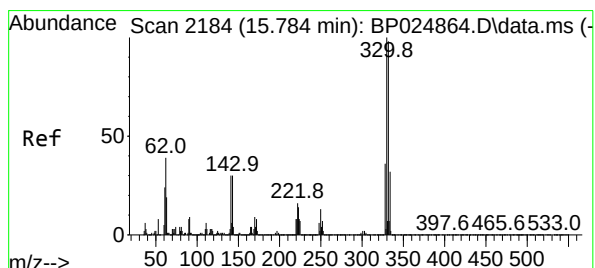
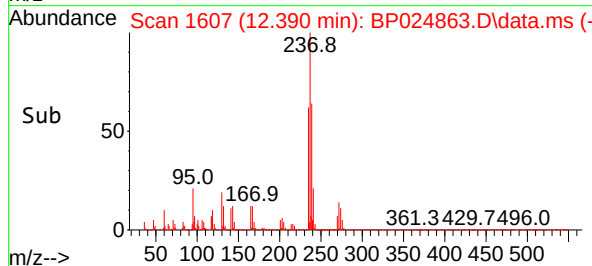
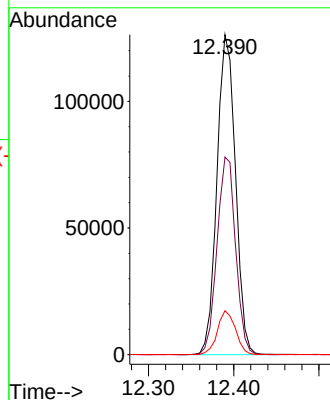
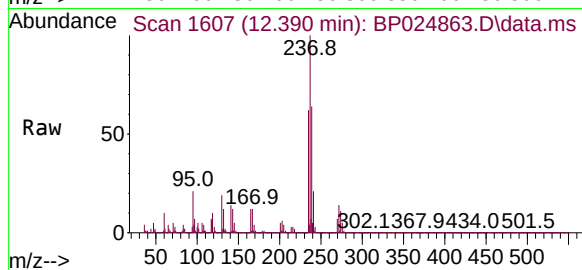
Tgt Ion:	237	Resp:	19040
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.9	81.9
272	13.7	0.0	33.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#42

2,4,6-Tribromophenol

Concen: 40.373 ng

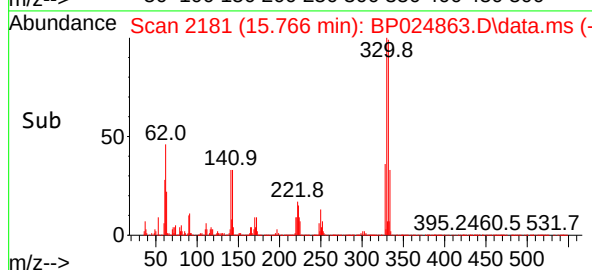
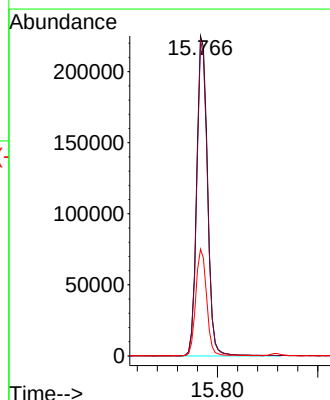
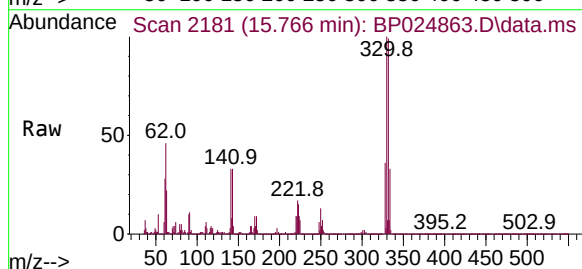
RT: 15.766 min Scan# 2181

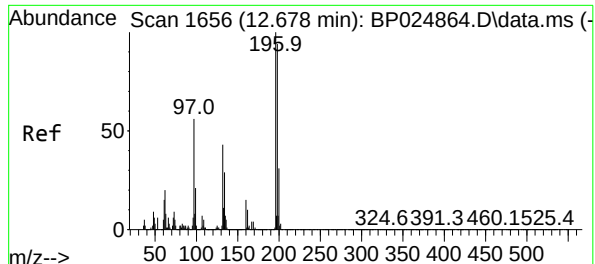
Delta R.T. -0.018 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:	330	Resp:	337588
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.7	116.5
141	33.2	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 20.265 ng

RT: 12.684 min Scan# 1656

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 233556

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

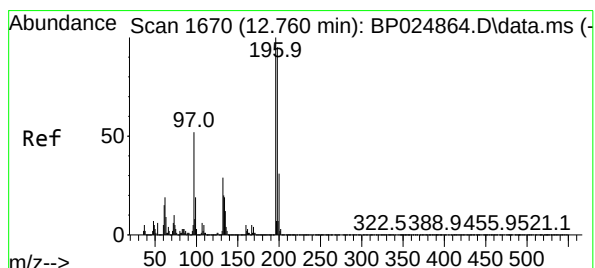
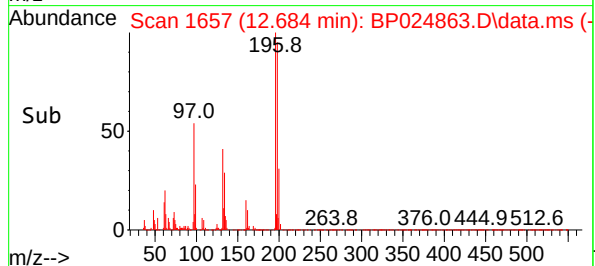
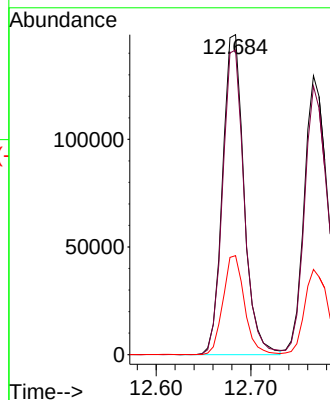
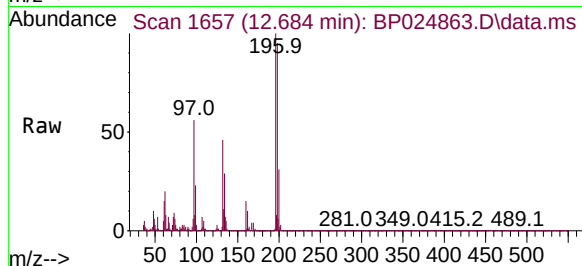
200 30.9 24.4 36.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/09/2025



#44

2,4,5-Trichlorophenol

Concen: 20.279 ng

RT: 12.766 min Scan# 1671

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:196 Resp: 250294

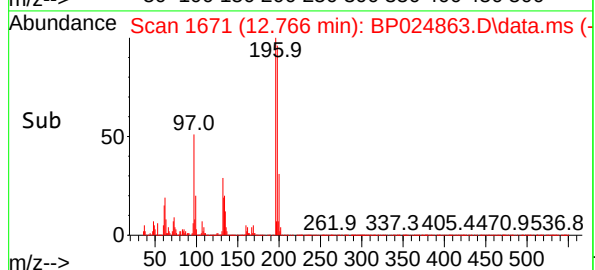
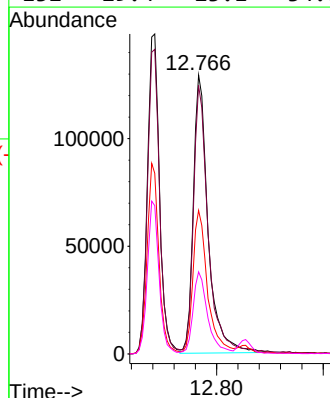
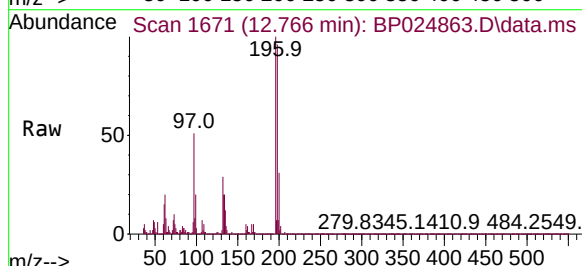
Ion Ratio Lower Upper

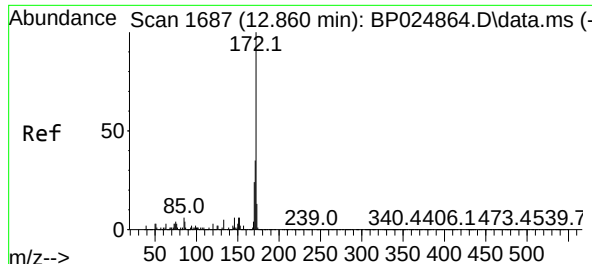
196 100

198 96.3 76.0 114.0

97 51.5 41.5 62.3

132 29.4 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 40.864 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

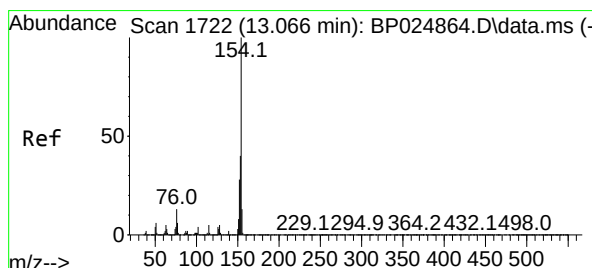
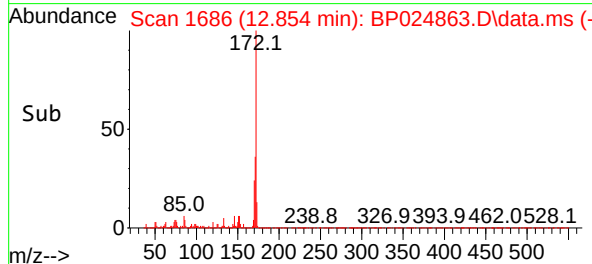
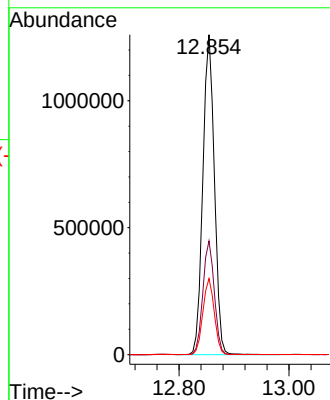
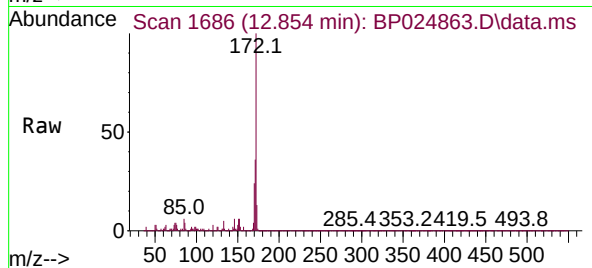
ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 1834625
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.0 28.4

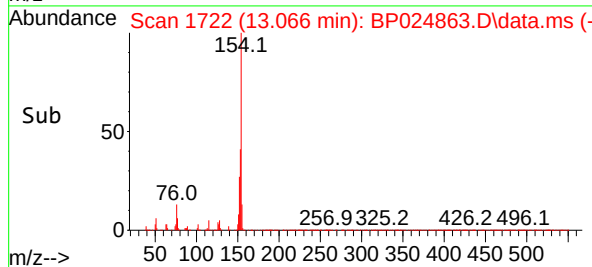
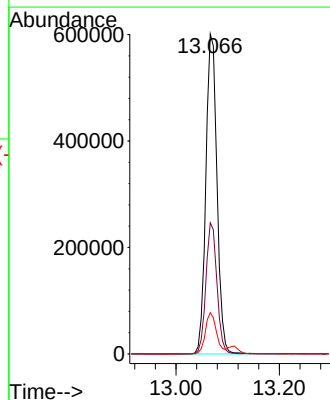
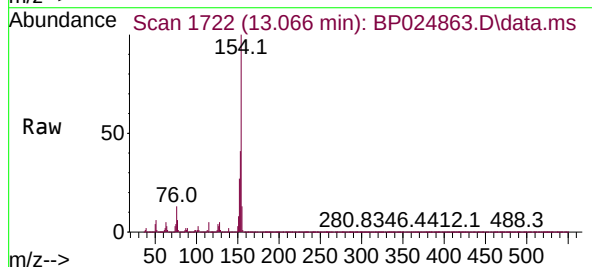
Manual Integrations
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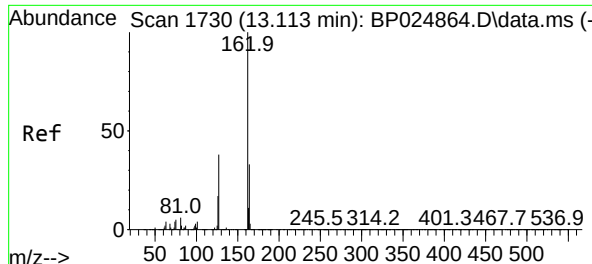
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#46
1,1'-Biphenyl
Concen: 20.433 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:154 Resp: 898074
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 20.324 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

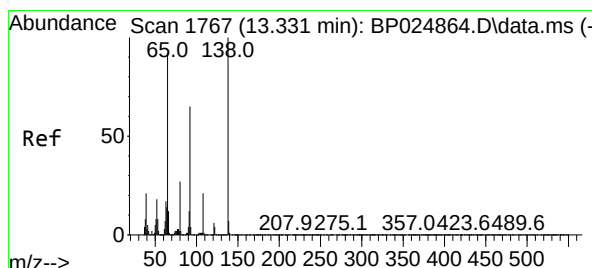
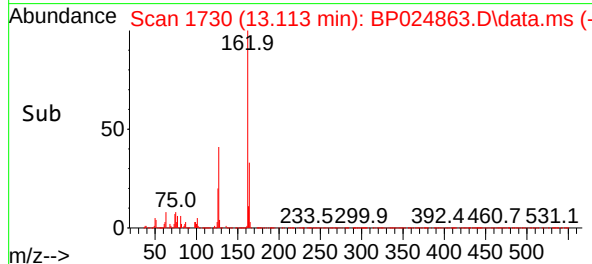
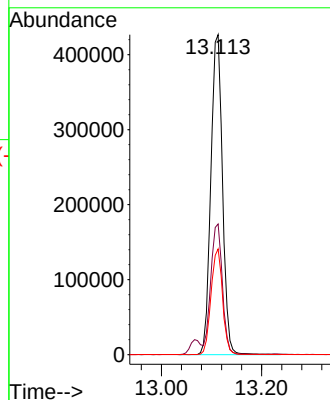
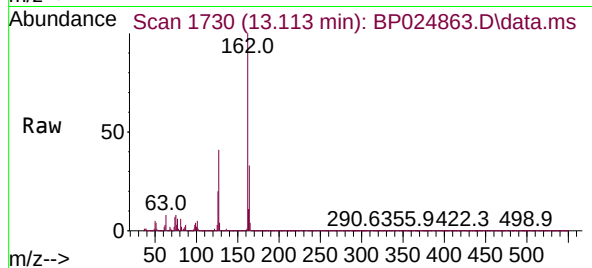
SSTDICC020

Tgt Ion:	162	Resp:	686558
Ion Ratio	Lower	Upper	
162	100		
127	40.8	32.5	48.7
164	33.0	26.2	39.2

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#48

2-Nitroaniline

Concen: 20.059 ng

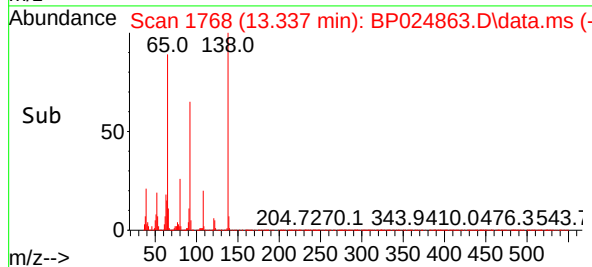
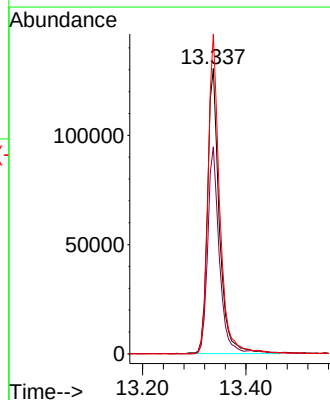
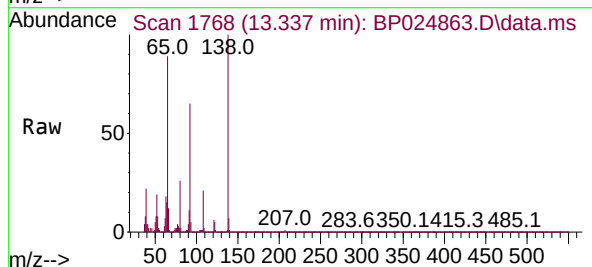
RT: 13.337 min Scan# 1768

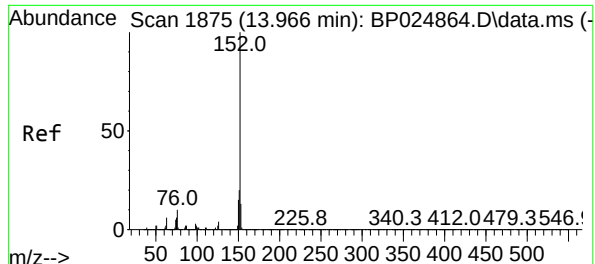
Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:	65	Resp:	208318
Ion Ratio	Lower	Upper	
65	100		
92	72.6	56.8	85.2
138	112.2	86.9	130.3





#49

Acenaphthylene

Concen: 20.311 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1144019

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

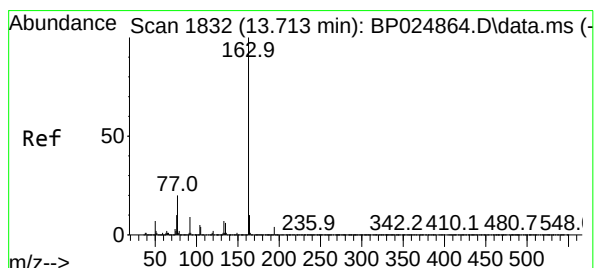
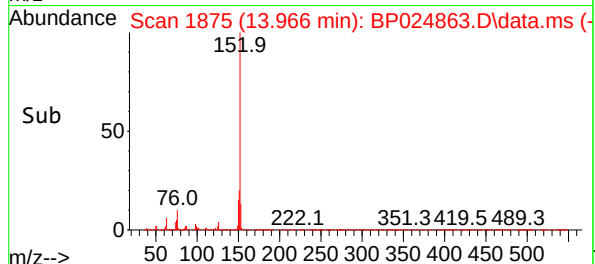
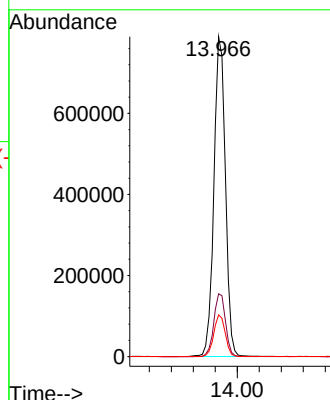
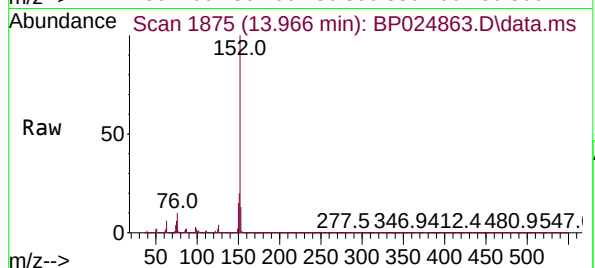
153 13.0 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#50

Dimethylphthalate

Concen: 20.354 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

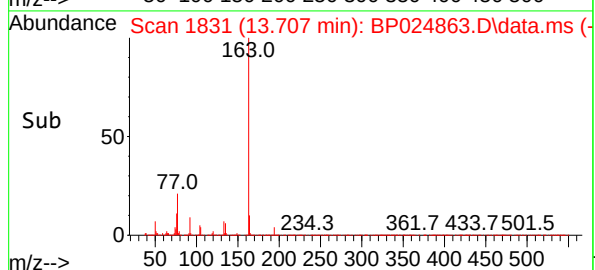
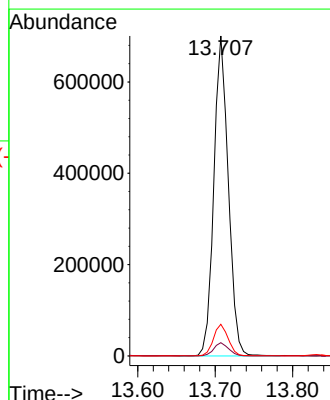
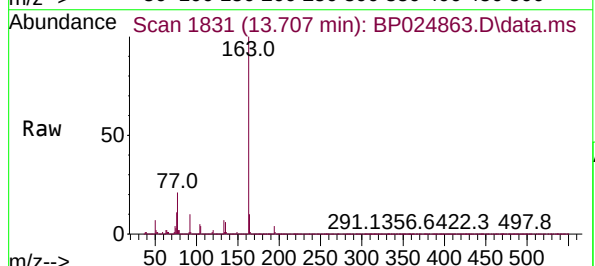
Tgt Ion:163 Resp: 908091

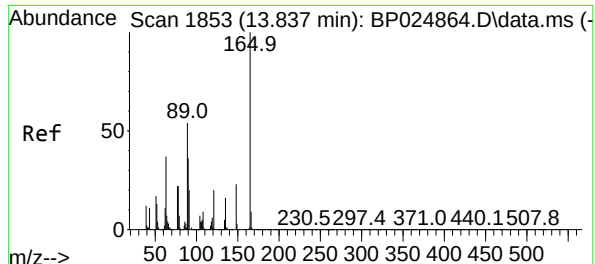
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

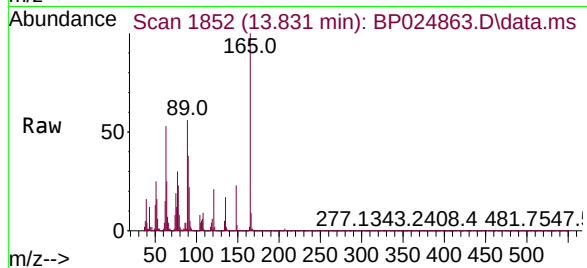
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 20.490 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

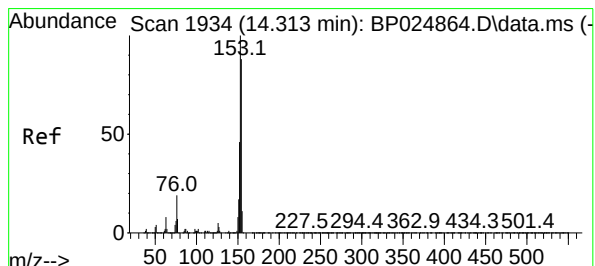
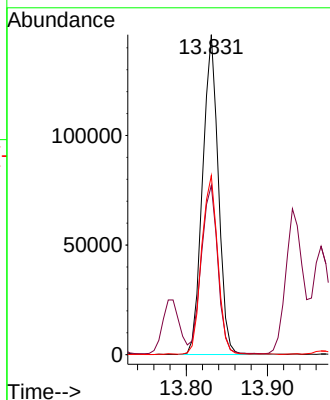
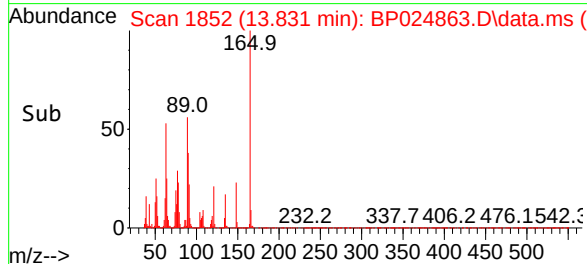
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



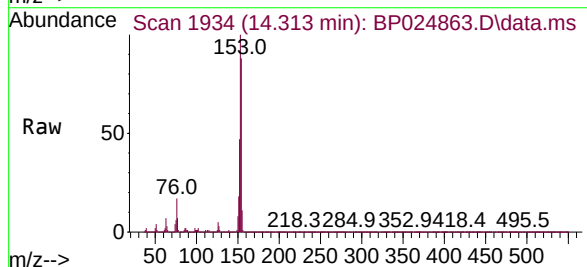
Tgt Ion:165 Resp: 197073
Ion Ratio Lower Upper
165 100
63 52.9 41.8 62.8
89 55.9 43.1 64.7

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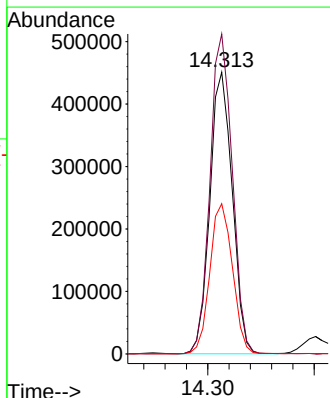
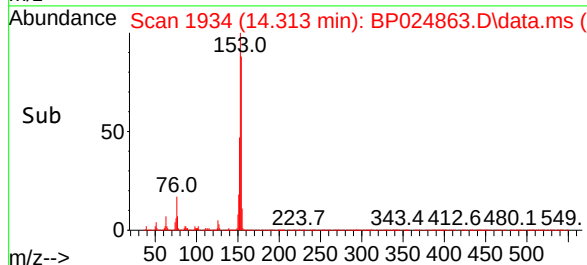
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

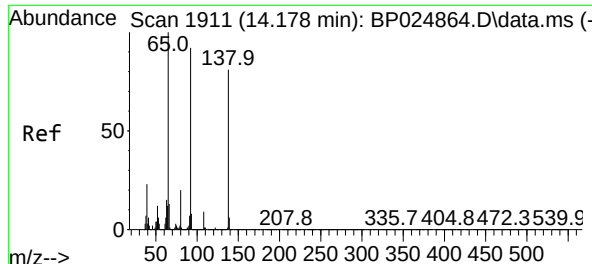


#52
Acenaphthene
Concen: 20.416 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



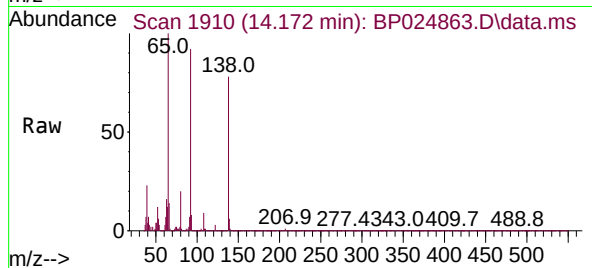
Tgt Ion:154 Resp: 658935
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.3 42.1 63.1





#53
3-Nitroaniline
Concen: 20.442 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

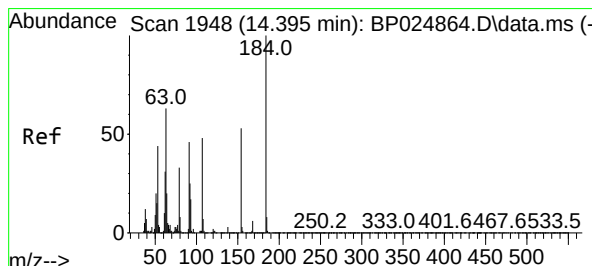
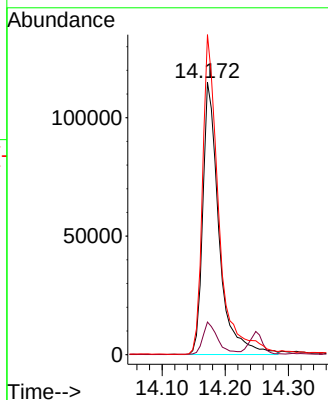
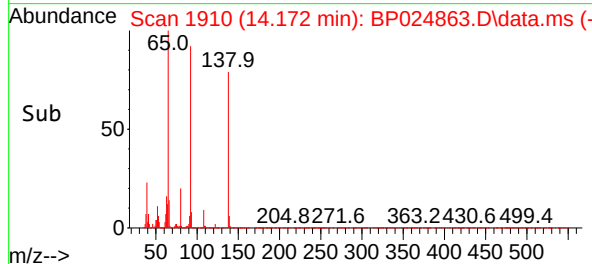
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 204033
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 117.5 91.3 136.9

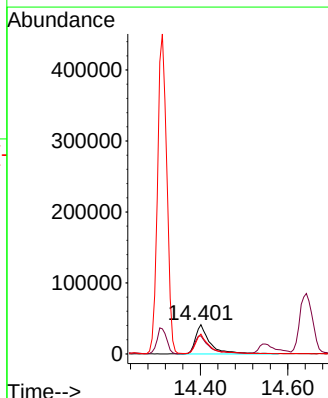
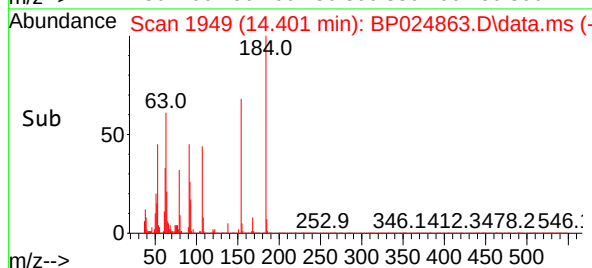
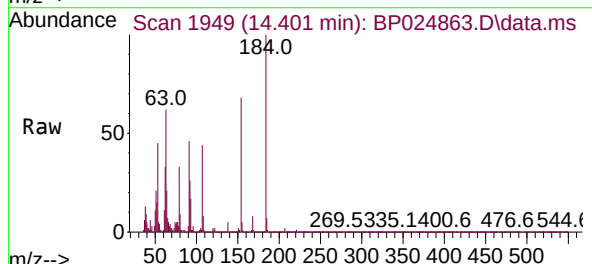
Manual Integrations
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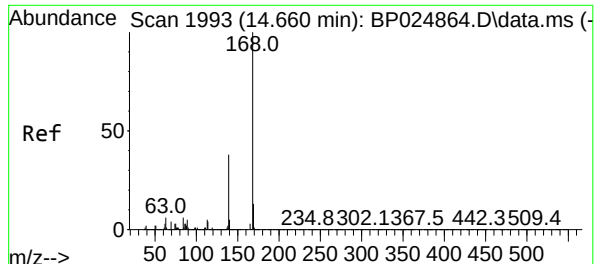
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#54
2,4-Dinitrophenol
Concen: 19.461 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:184 Resp: 93544
Ion Ratio Lower Upper
184 100
63 61.8 51.0 76.4
154 67.7 51.7 77.5





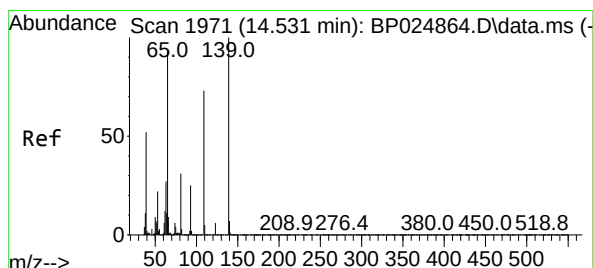
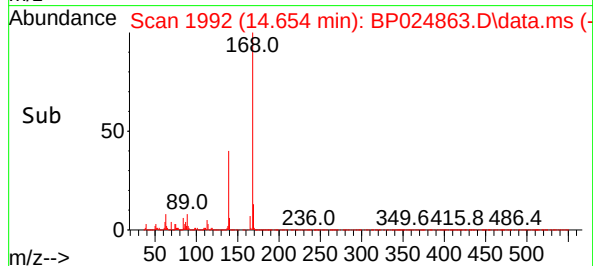
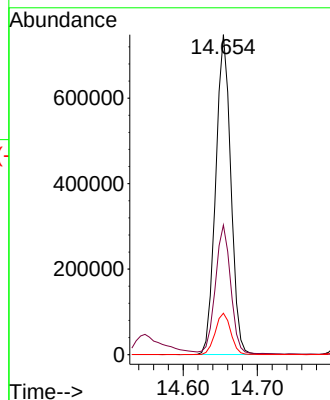
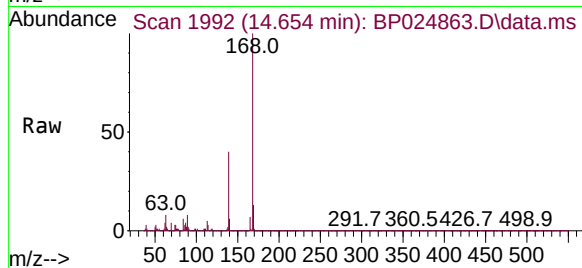
#55
Dibenzenofuran
Concen: 20.497 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1061912
Ion Ratio Lower Upper
168 100
139 40.5 31.6 47.4
169 12.9 10.6 15.8

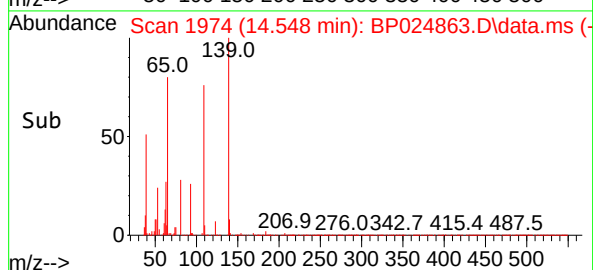
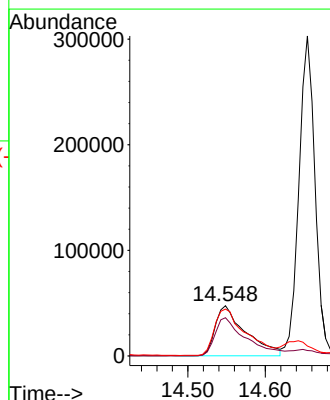
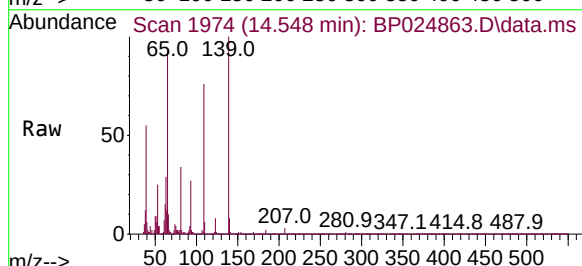
Manual Integrations
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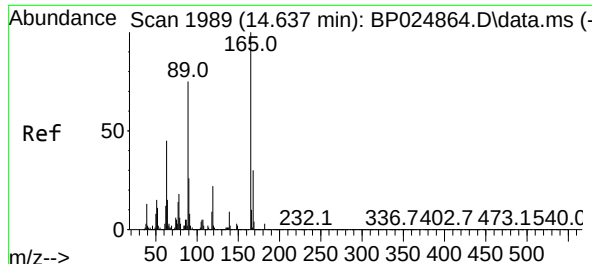
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#56
4-Nitrophenol
Concen: 19.619 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

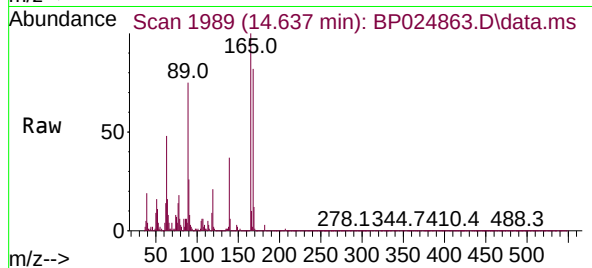
Tgt Ion:139 Resp: 128784
Ion Ratio Lower Upper
139 100
109 76.0 53.1 93.1
65 93.4 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 20.547 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

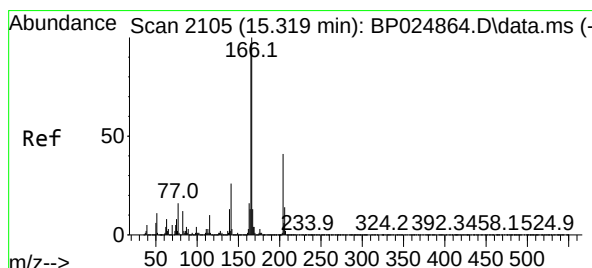
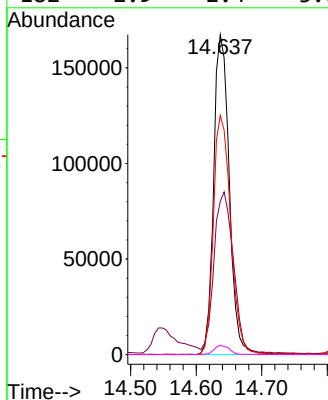
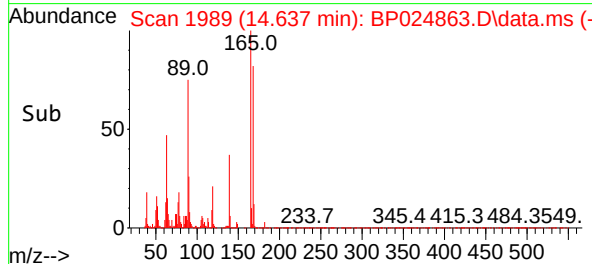
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 276443
Ion Ratio Lower Upper
165 100
63 47.9 37.0 55.6
89 74.7 60.1 90.1
182 2.9 2.4 3.6

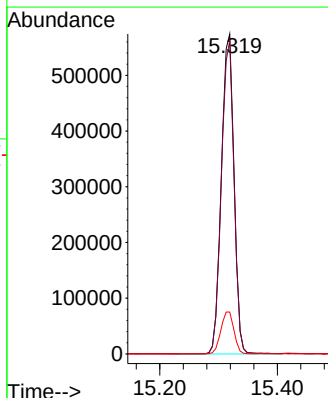
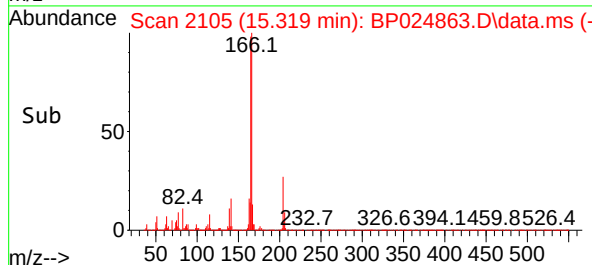
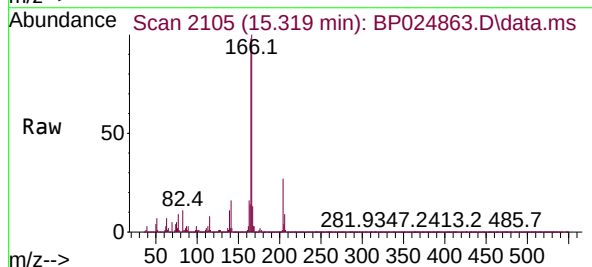
Manual Integrations
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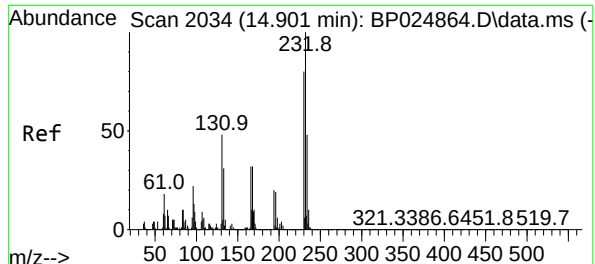
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 20.517 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:166 Resp: 858671
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.689 ng

RT: 14.901 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 217510

Ion Ratio Lower Upper

232 100

131 47.8 38.2 57.2

130 2.5 2.1 3.1

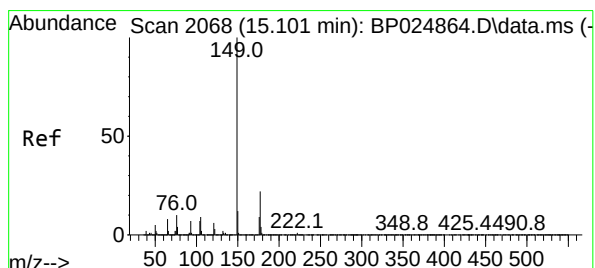
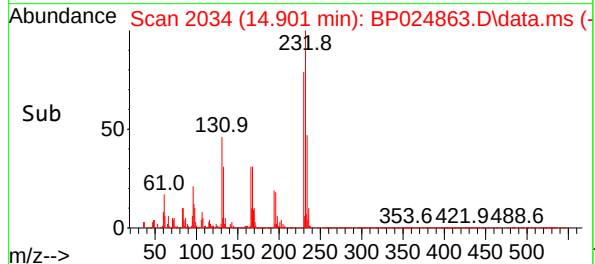
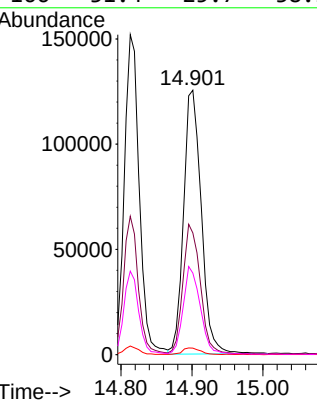
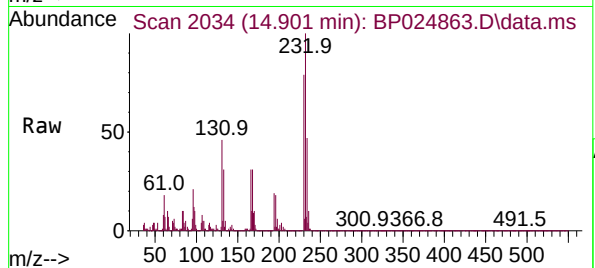
166 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#60

Diethylphthalate

Concen: 20.225 ng

RT: 15.090 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

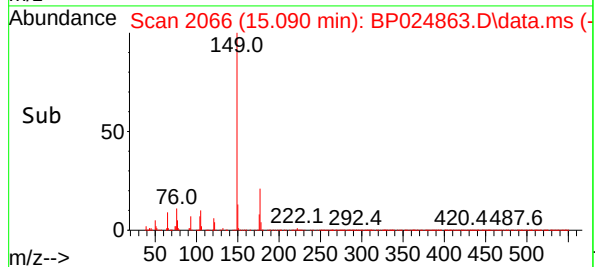
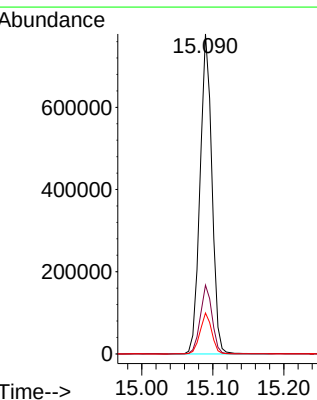
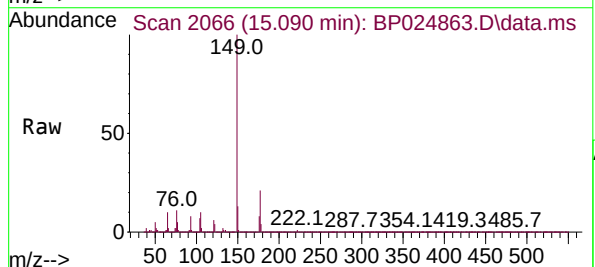
Tgt Ion:149 Resp: 899294

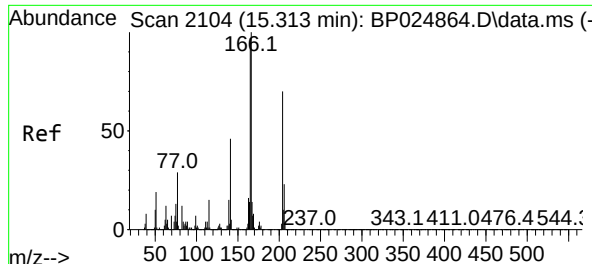
Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

150 12.8 9.8 14.6





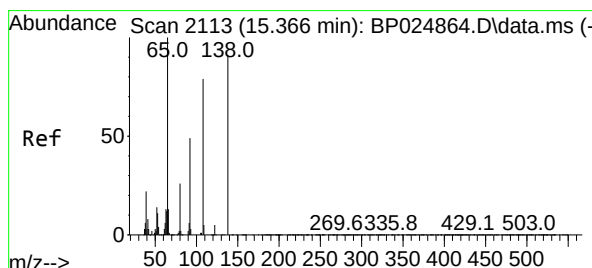
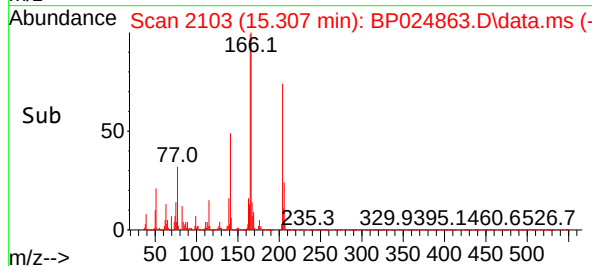
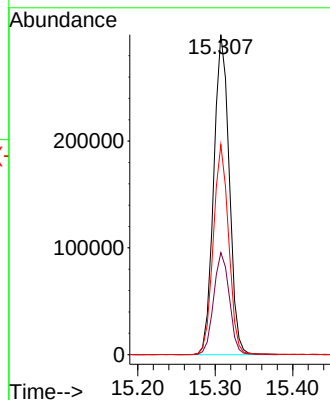
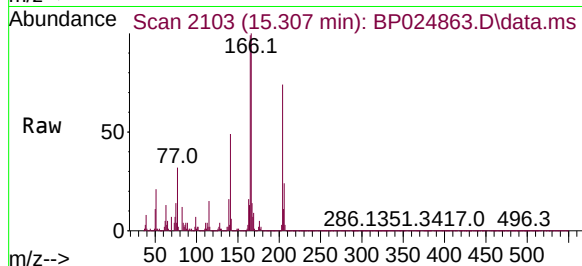
#61
4-Chlorophenyl-phenylether
Concen: 20.361 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 416662
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 65.6 52.4 78.6

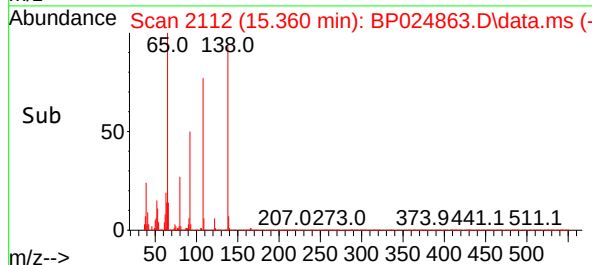
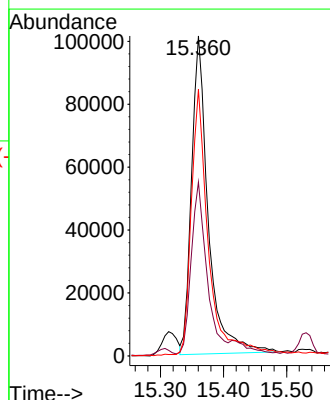
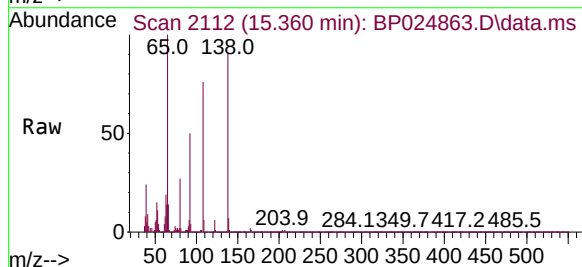
Manual Integrations
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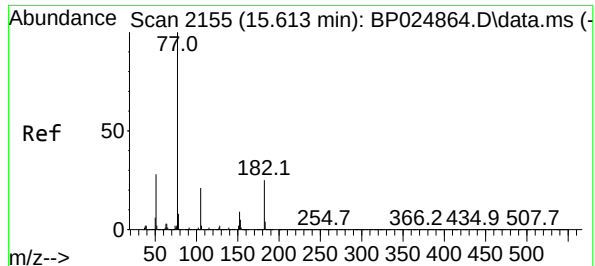
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#62
4-Nitroaniline
Concen: 20.523 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

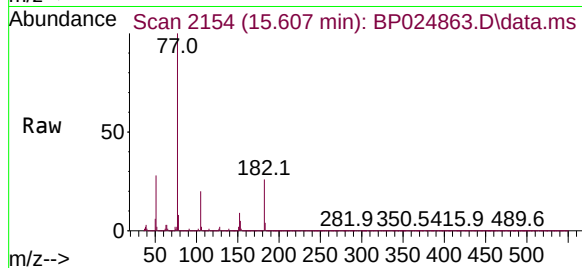
Tgt Ion:138 Resp: 185839
Ion Ratio Lower Upper
138 100
92 54.3 33.5 73.5
108 83.3 65.1 105.1





#63
Azobenzene
Concen: 20.675 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

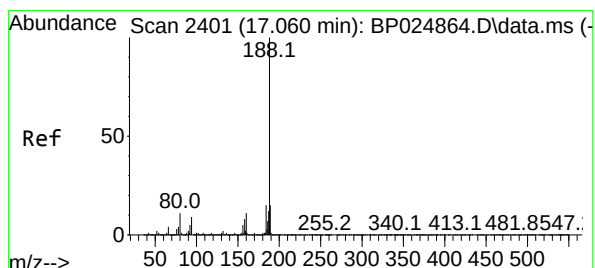
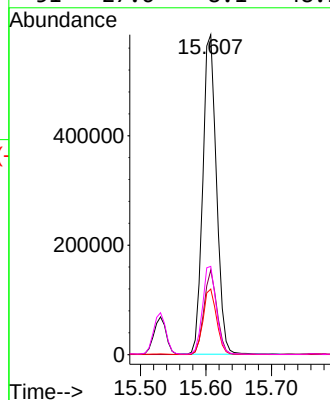
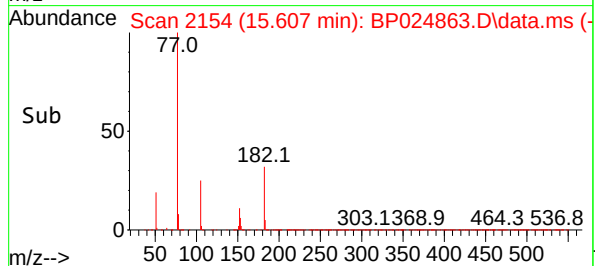
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



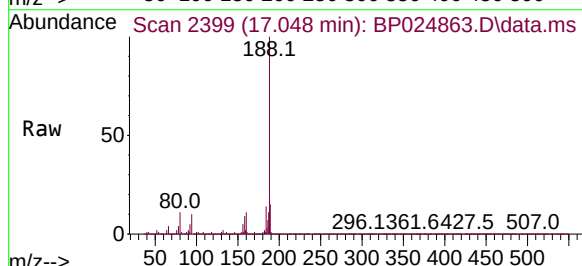
Tgt Ion: 77 Resp: 84312
Ion Ratio Lower Upper
77 100
182 26.4 5.4 45.4
105 20.5 0.8 40.8
51 27.6 8.1 48.1

Manual Integrations
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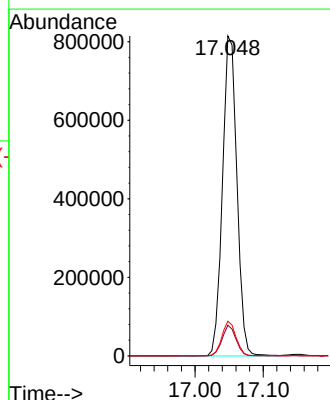
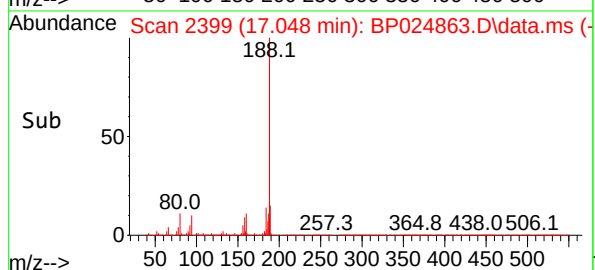
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

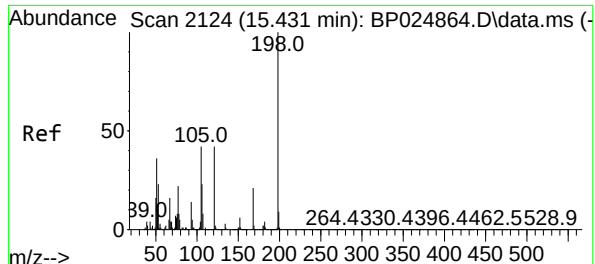


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



Tgt Ion:188 Resp: 1187838
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.8 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 19.041 ng

RT: 15.425 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 148616

Ion Ratio Lower Upper

198 100

51 38.9 19.2 59.2

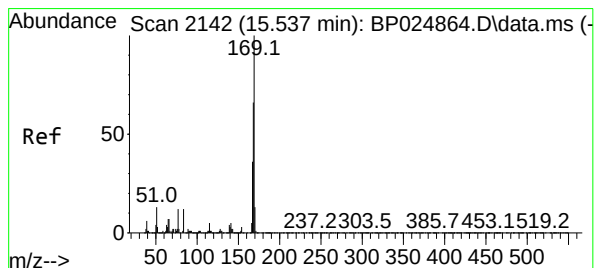
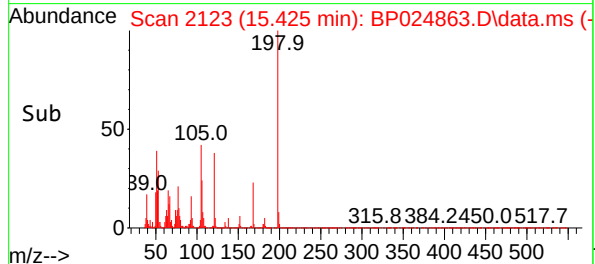
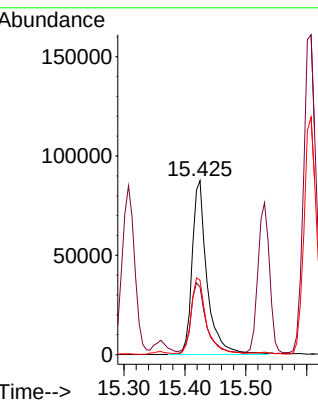
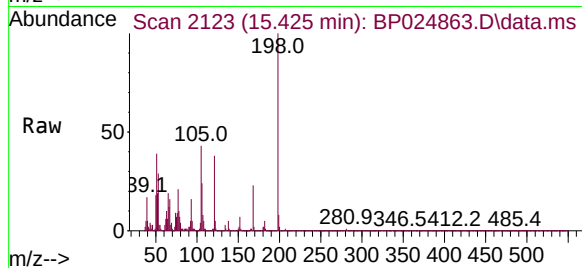
105 42.7 22.6 62.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#66

n-Nitrosodiphenylamine

Concen: 20.409 ng

RT: 15.531 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

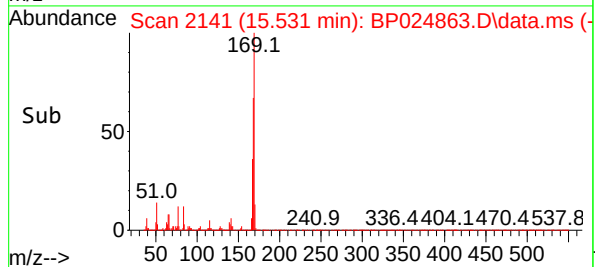
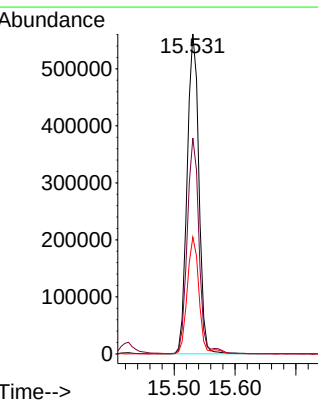
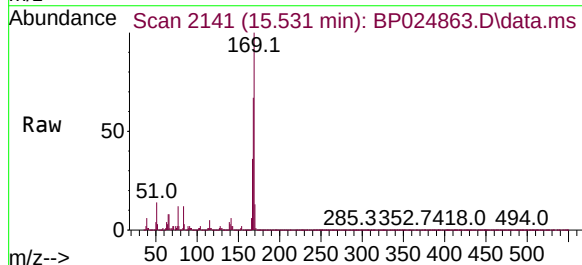
Tgt Ion:169 Resp: 751407

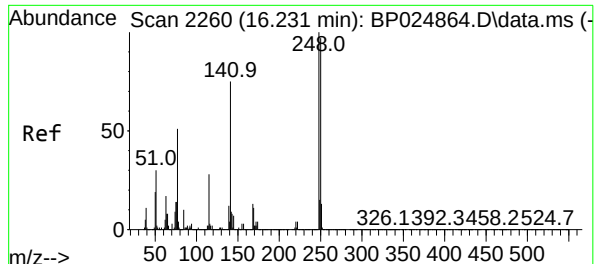
Ion Ratio Lower Upper

169 100

168 67.5 53.0 79.6

167 36.5 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 20.055 ng

RT: 16.225 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

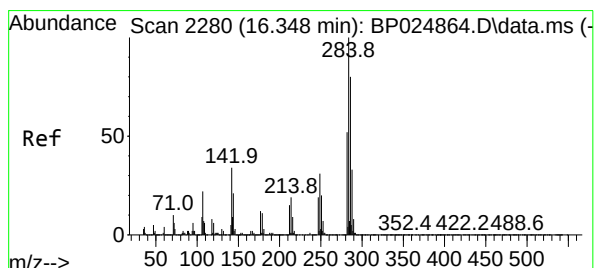
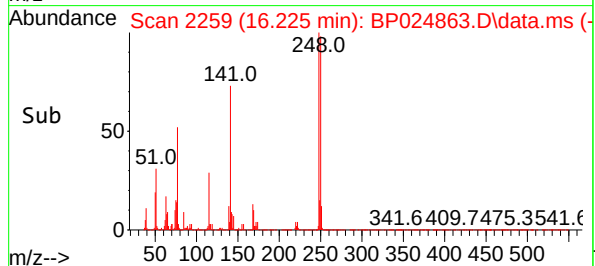
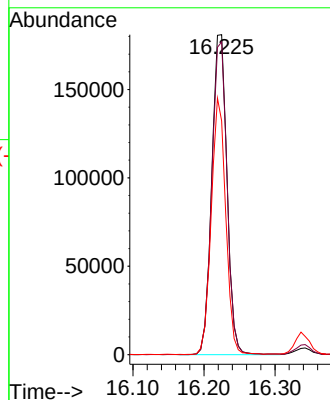
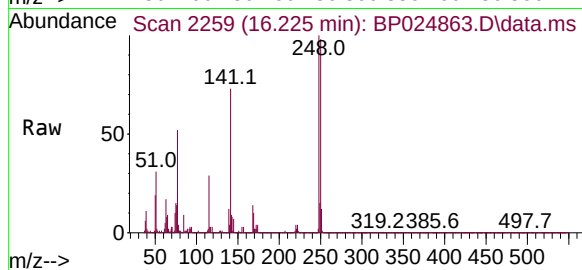
SSTDICC020

Tgt Ion:248	Resp: 26879
Ion Ratio	Lower Upper
248 100	
250 97.7	77.4 116.2
141 73.0	59.9 89.9

Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#68

Hexachlorobenzene

Concen: 19.880 ng

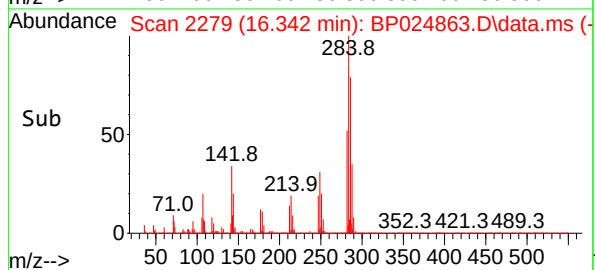
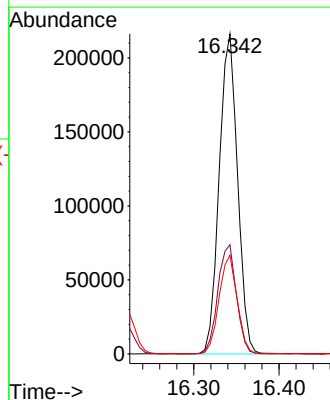
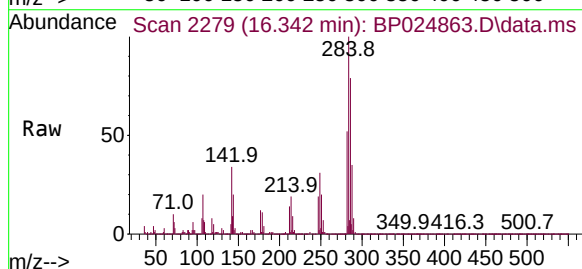
RT: 16.342 min Scan# 2279

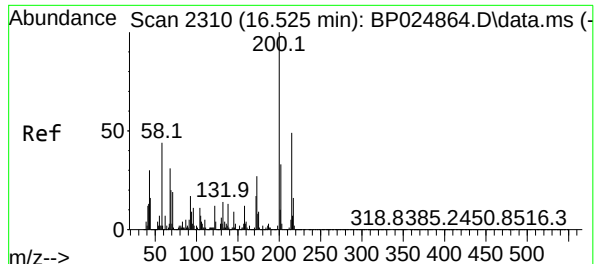
Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

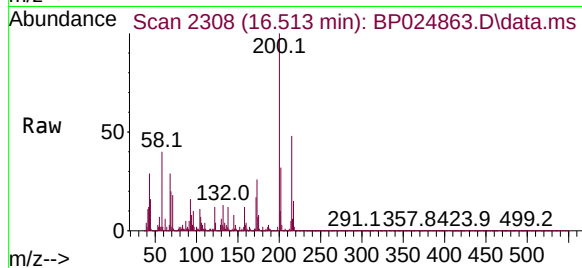
Tgt Ion:284	Resp: 323008
Ion Ratio	Lower Upper
284 100	
142 34.1	27.0 40.6
249 30.8	25.0 37.6





#69
Atrazine
Concen: 20.548 ng
RT: 16.513 min Scan# 2310
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

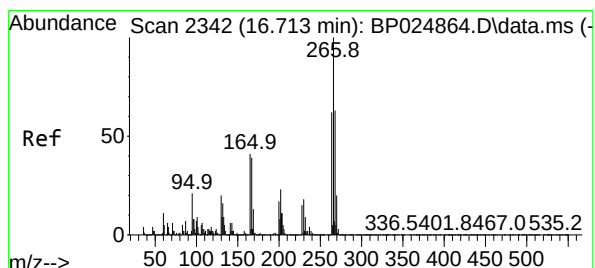
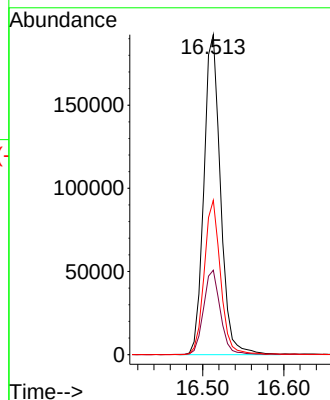
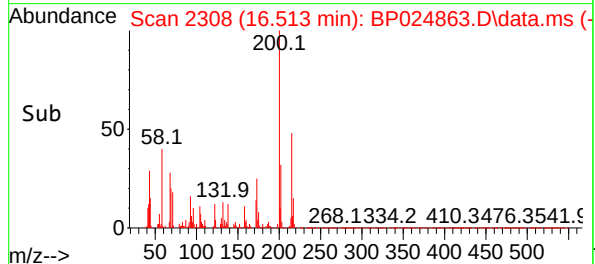
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 27425
Ion Ratio Lower Upper
200 100
173 26.4 6.9 46.9
215 48.2 28.7 68.7

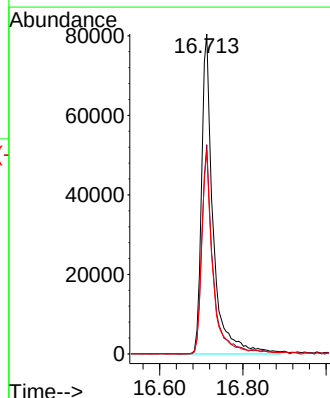
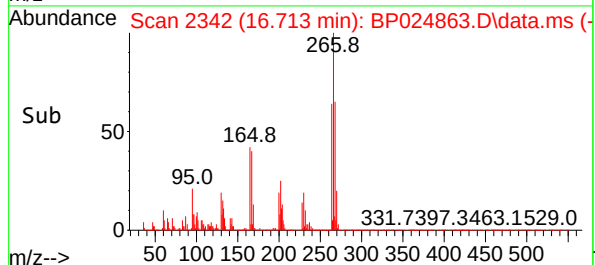
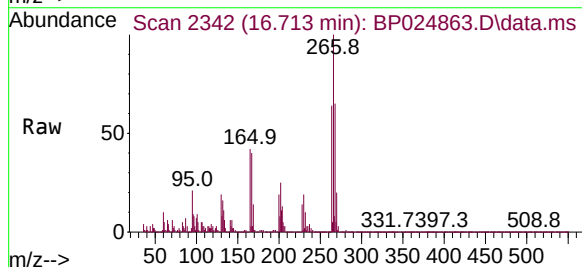
Manual Integrations
APPROVED

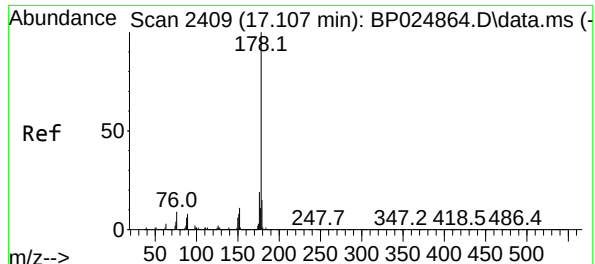
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#70
Pentachlorophenol
Concen: 18.505 ng
RT: 16.713 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:266 Resp: 155614
Ion Ratio Lower Upper
266 100
268 65.4 50.6 76.0
264 63.6 49.7 74.5





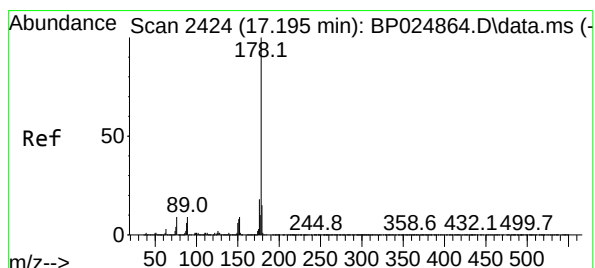
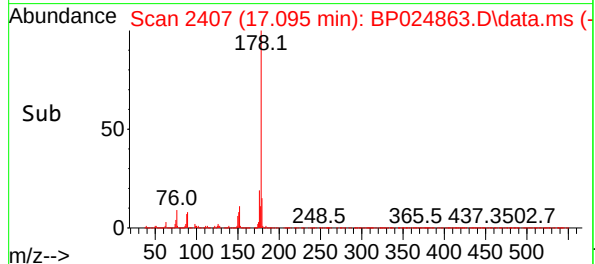
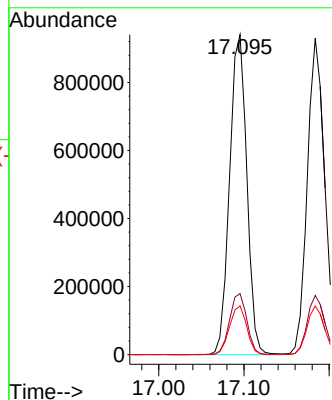
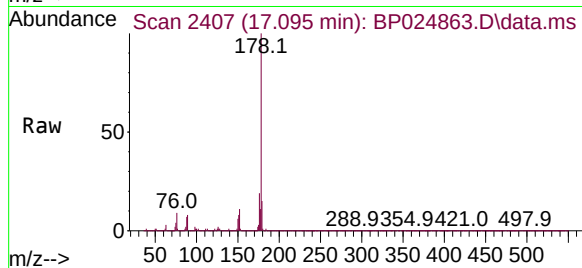
#71
Phenanthrene
Concen: 20.080 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 131807
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.1 18.1

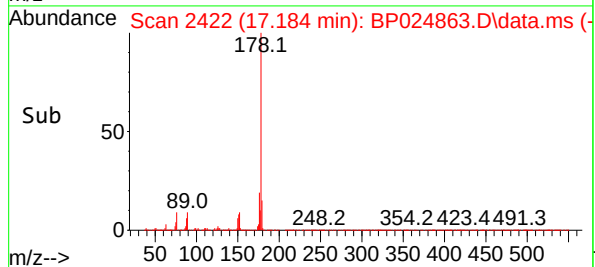
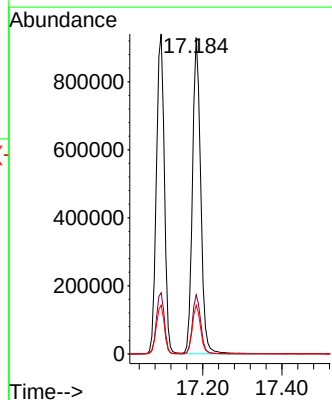
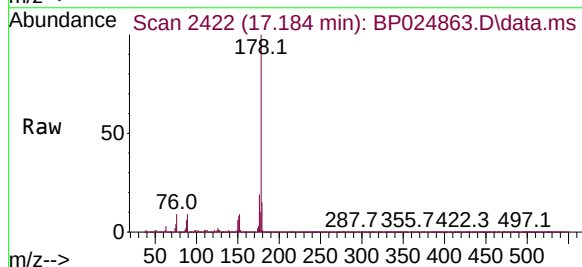
Manual Integrations
APPROVED

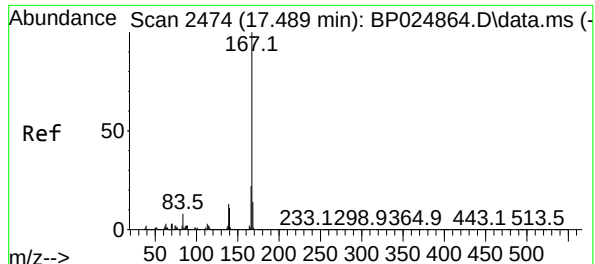
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 20.308 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

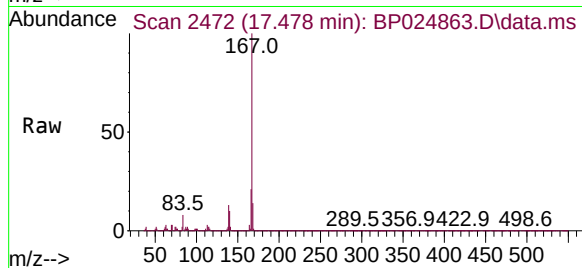
Tgt Ion:178 Resp: 1350106
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 12.3 18.5





#73
Carbazole
Concen: 20.385 ng
RT: 17.478 min Scan# 2472
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

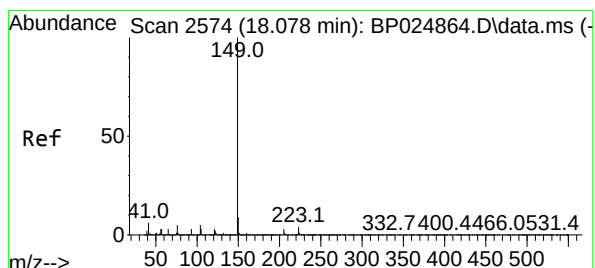
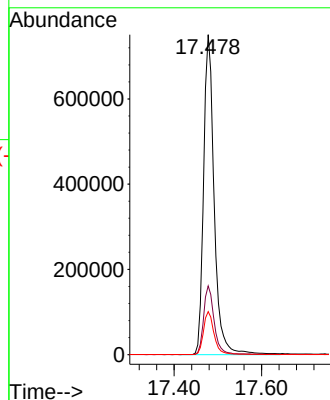
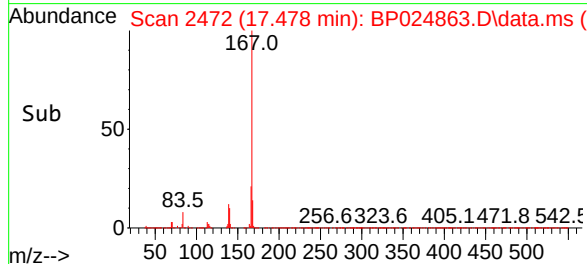
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



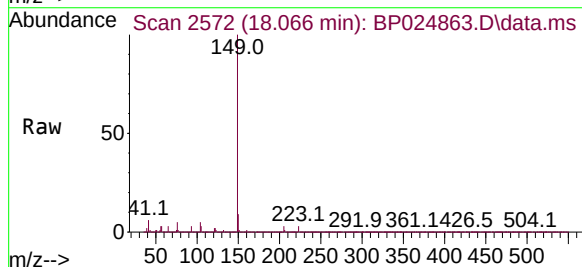
Tgt Ion:167 Resp: 1256103
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.4 10.8 16.2

Manual Integrations
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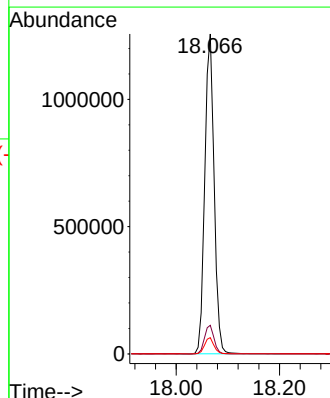
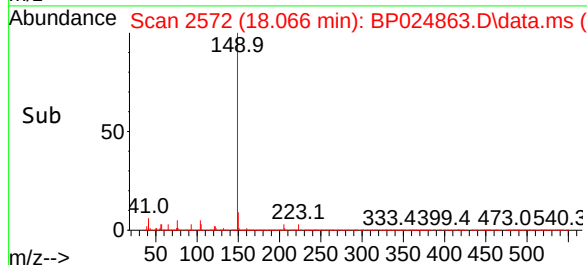
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

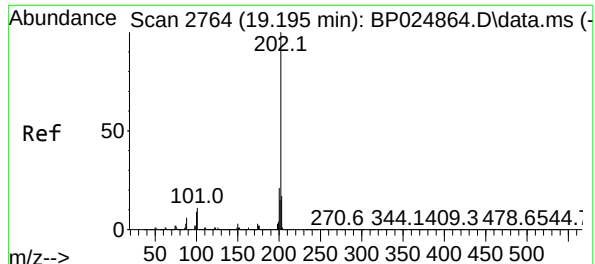


#74
Di-n-butylphthalate
Concen: 20.637 ng
RT: 18.066 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



Tgt Ion:149 Resp: 1575537
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.1 4.2 6.2





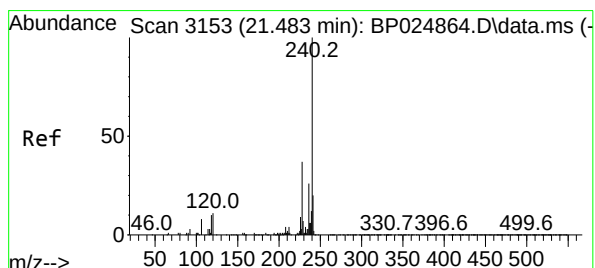
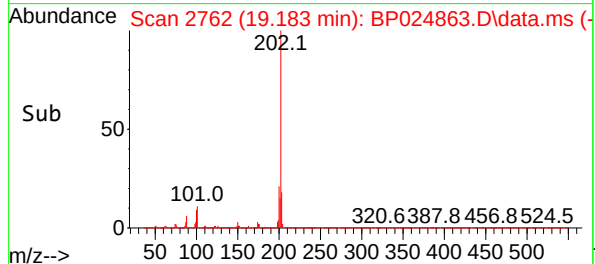
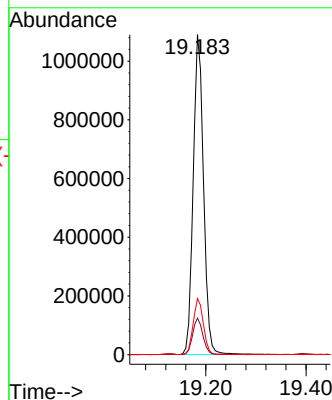
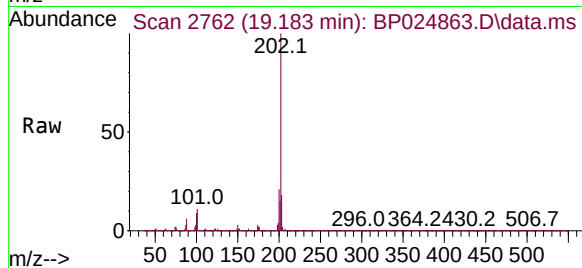
#75
Fluoranthene
Concen: 20.404 ng
RT: 19.183 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1552399
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.5 0.0 37.5

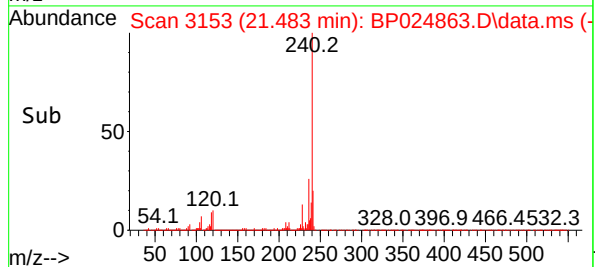
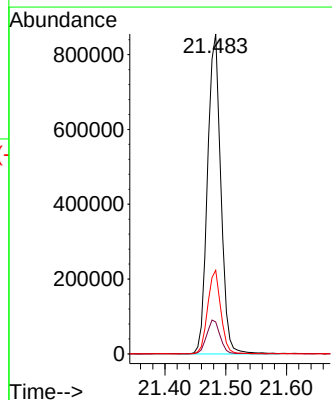
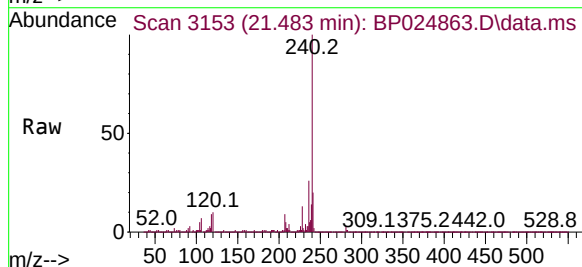
Manual Integrations
APPROVED

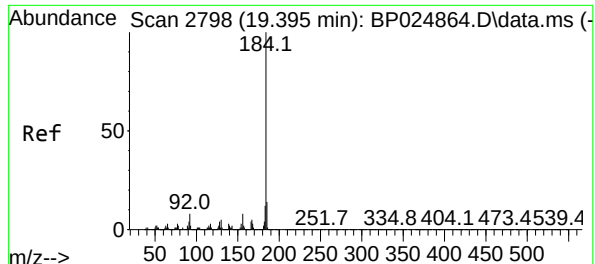
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

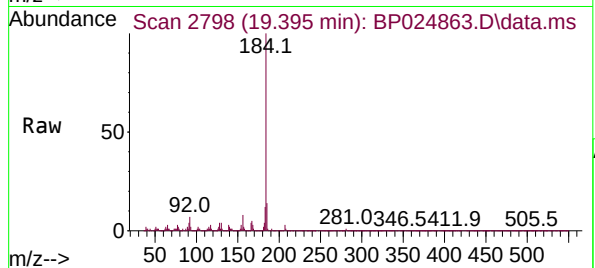
Tgt Ion:240 Resp: 1296607
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.1 20.9 31.3





#77
Benzidine
Concen: 21.600 ng
RT: 19.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

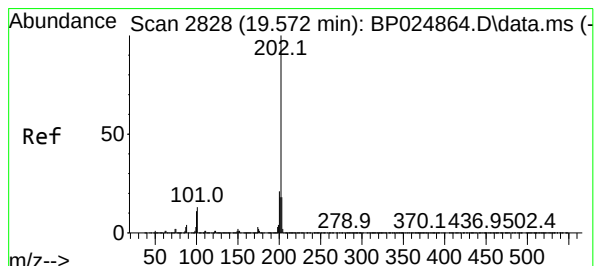
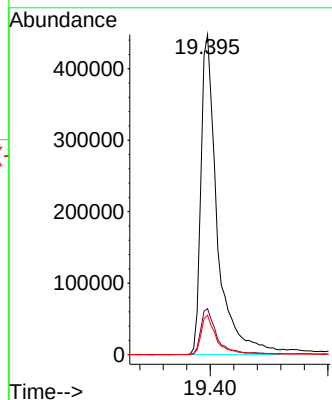
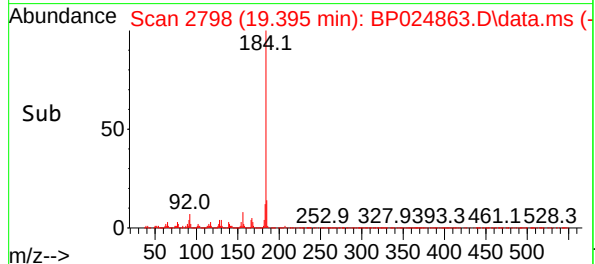
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 867418
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.3 9.5 14.3

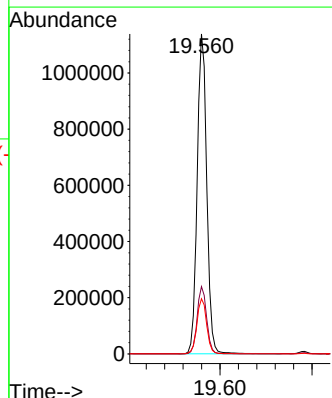
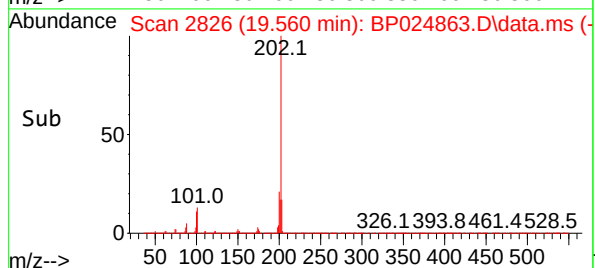
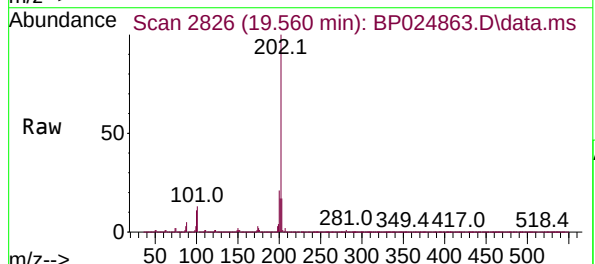
Manual Integrations
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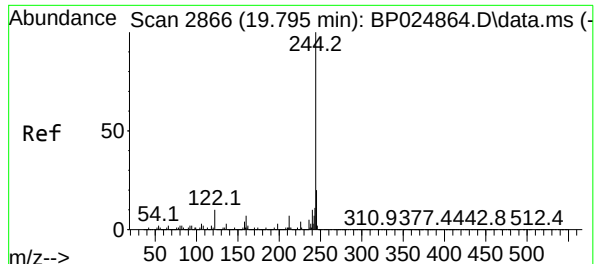
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#78
Pyrene
Concen: 20.183 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:202 Resp: 1634896
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 41.093 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:244 Resp: 2972885

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

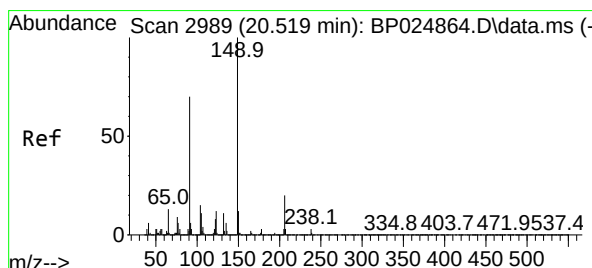
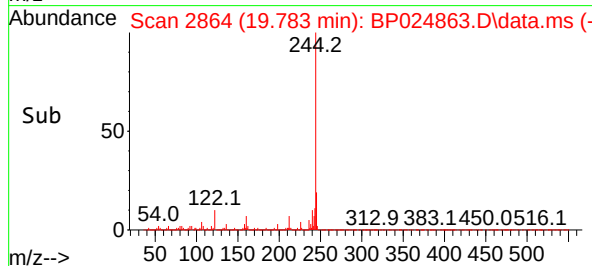
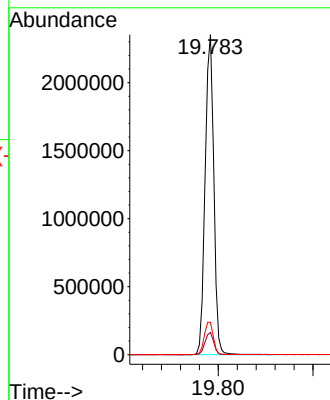
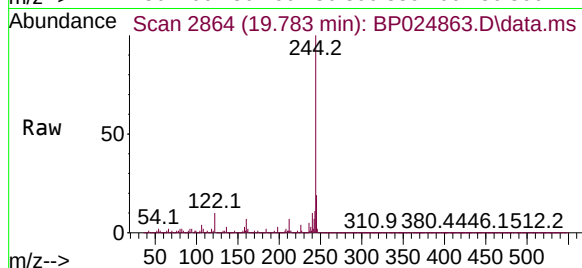
122 10.1 7.7 11.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#80

Butylbenzylphthalate

Concen: 20.318 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

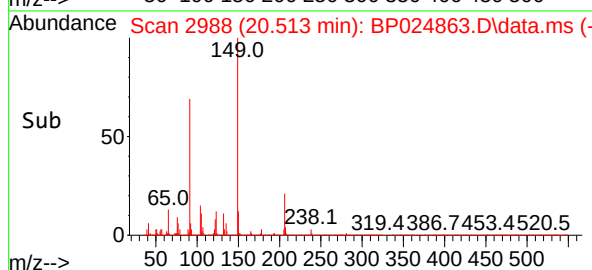
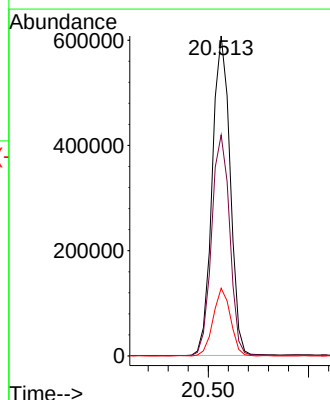
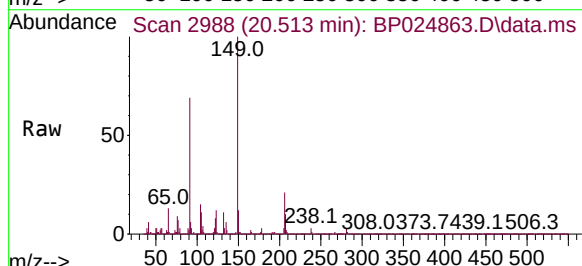
Tgt Ion:149 Resp: 753875

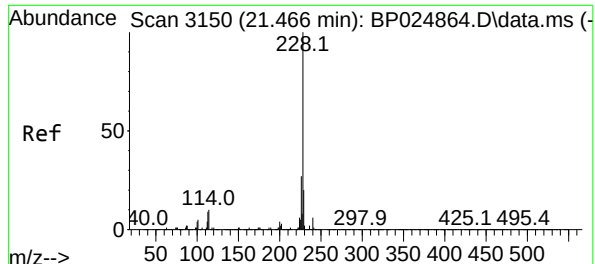
Ion Ratio Lower Upper

149 100

91 69.0 55.8 83.8

206 21.1 16.2 24.2





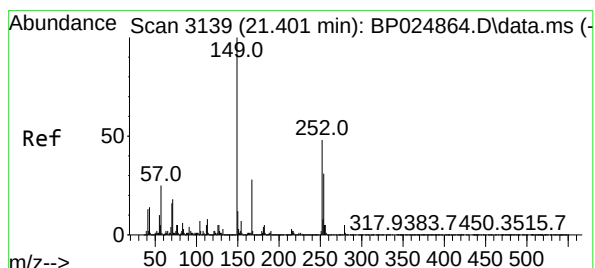
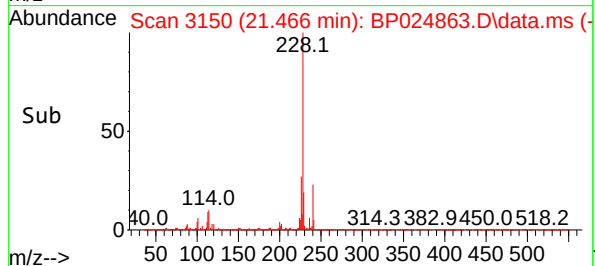
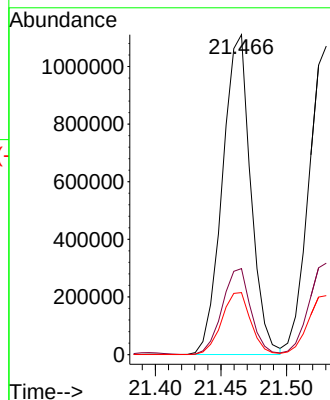
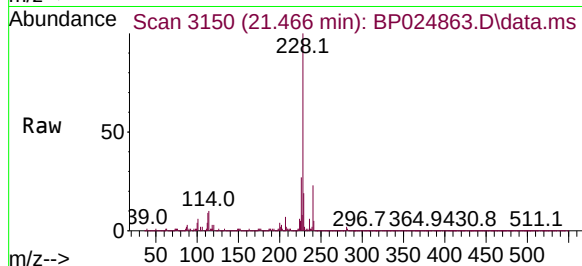
#81
Benzo(a)anthracene
Concen: 20.131 ng
RT: 21.466 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1669395
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.4 15.9 23.9

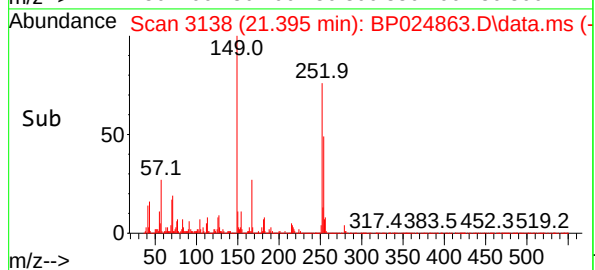
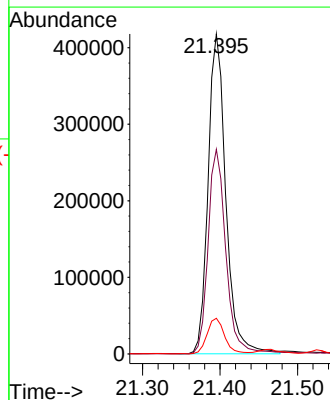
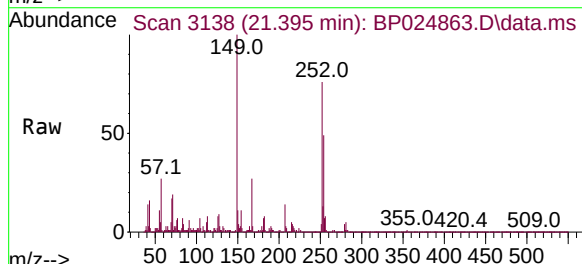
Manual Integrations
APPROVED

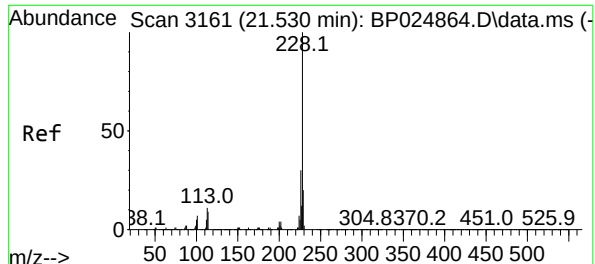
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.185 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

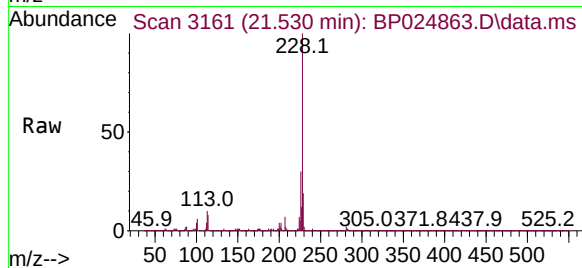
Tgt Ion:252 Resp: 664556
Ion Ratio Lower Upper
252 100
254 63.9 51.2 76.8
126 11.1 8.6 12.8





#83
Chrysene
Concen: 20.278 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

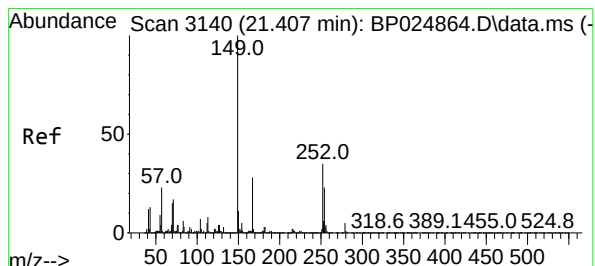
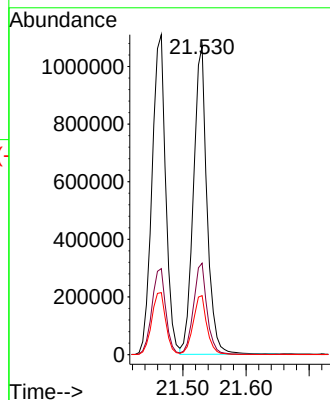
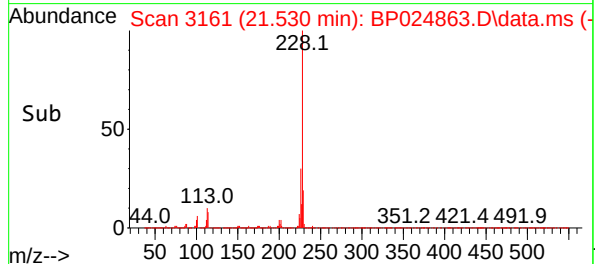
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1593419
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 19.1 15.6 23.4

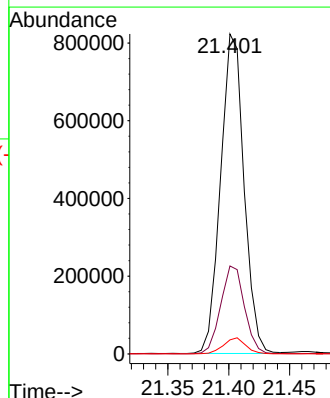
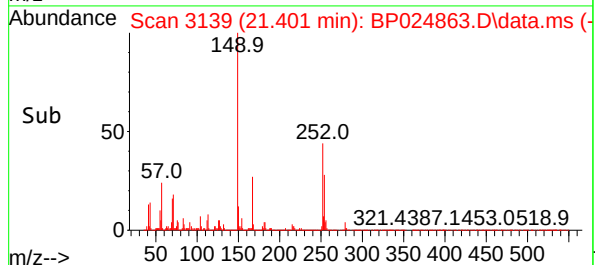
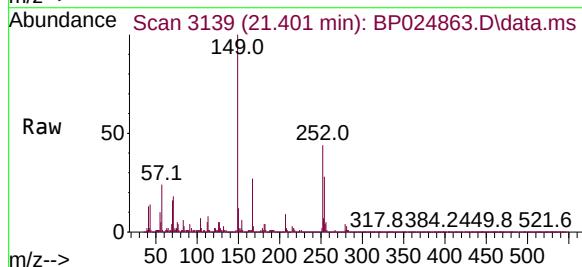
Manual Integrations
APPROVED

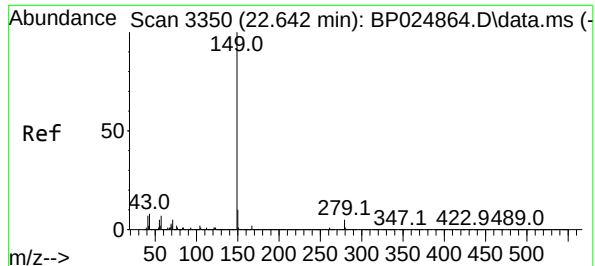
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.638 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

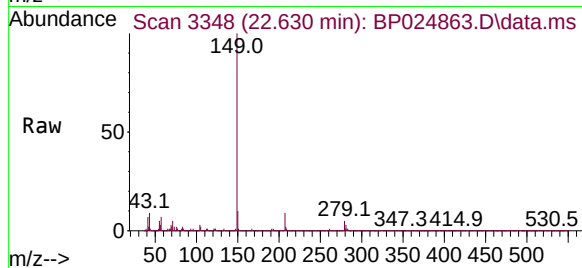
Tgt Ion:149 Resp: 1097129
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.4 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 19.903 ng
RT: 22.630 min Scan# 3350
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

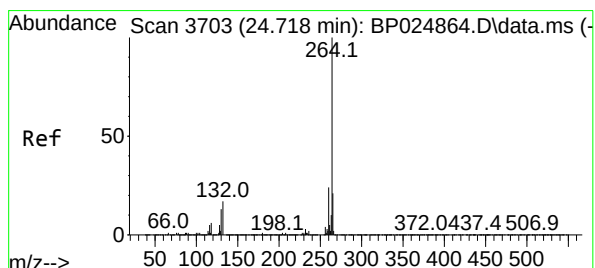
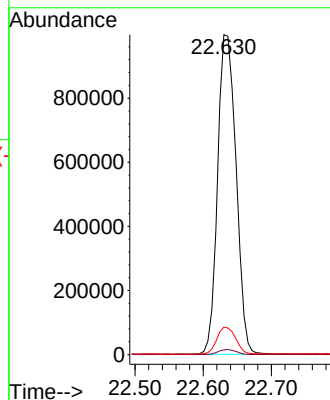
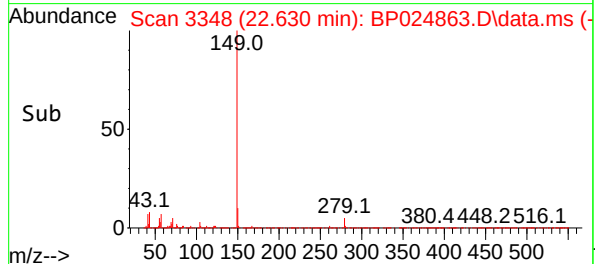
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1865014
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.5 6.6 10.0

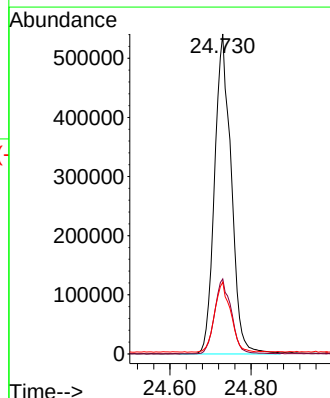
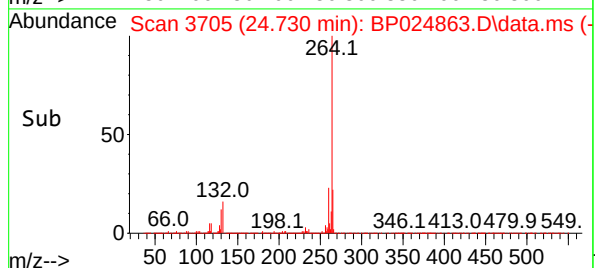
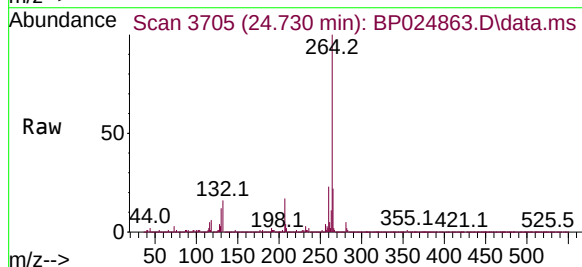
Manual Integrations
APPROVED

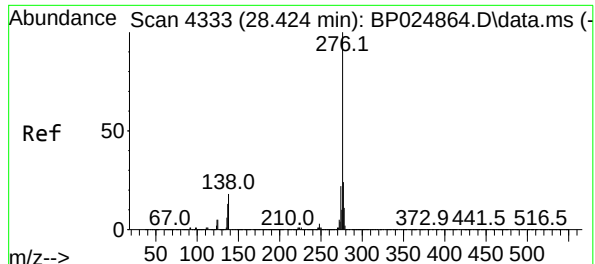
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:264 Resp: 1539603
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.129 ng

RT: 28.401 min Scan# 4333

Delta R.T. -0.024 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 2261110

Ion Ratio Lower Upper

276 100

138 15.0 18.6 27.8

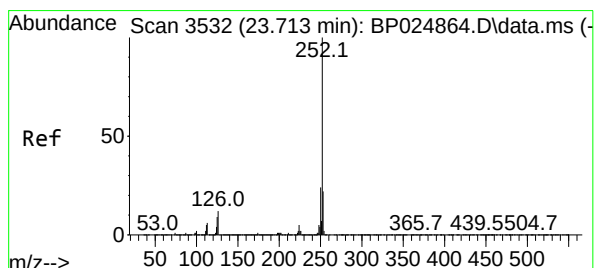
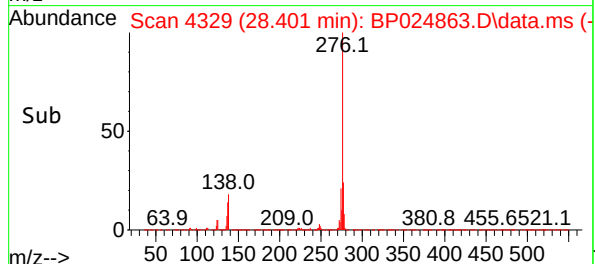
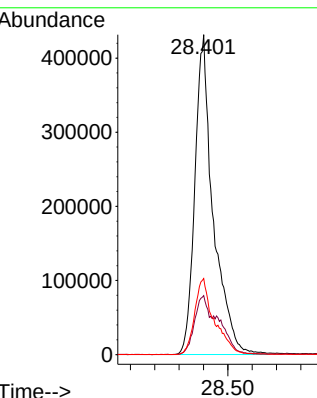
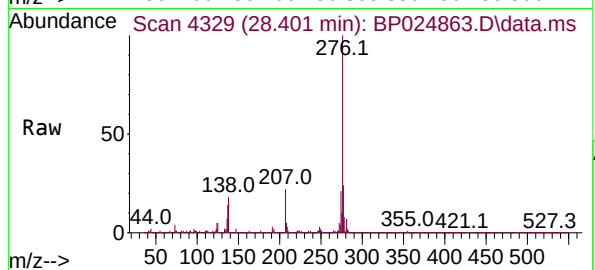
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#88

Benzo(b)fluoranthene

Concen: 19.792 ng

RT: 23.695 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

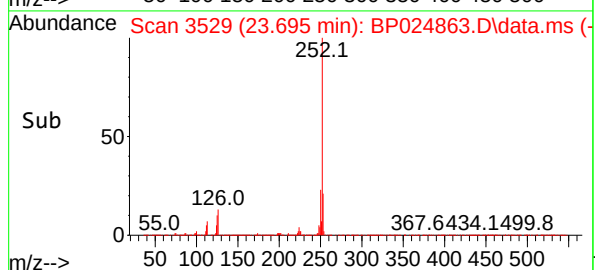
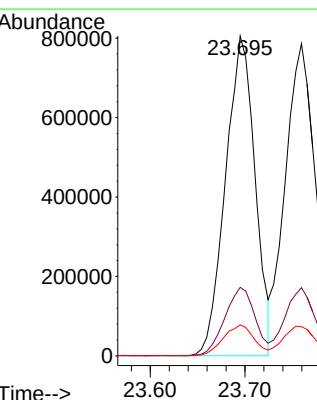
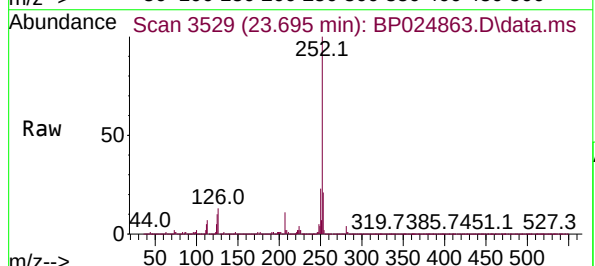
Tgt Ion:252 Resp: 1743865

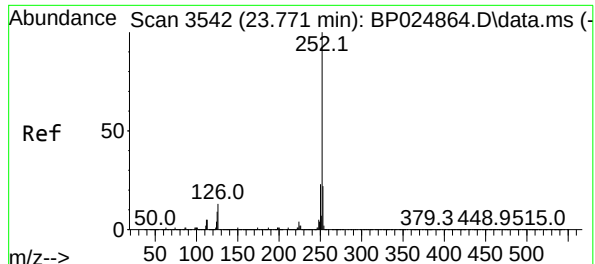
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 9.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 20.264 ng

RT: 23.760 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1817500

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

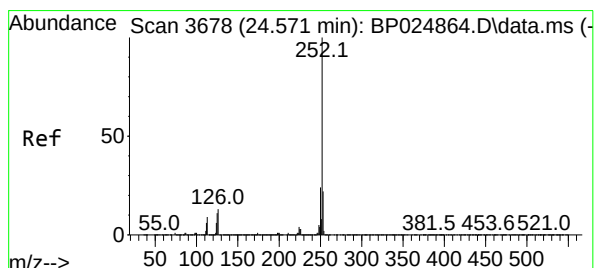
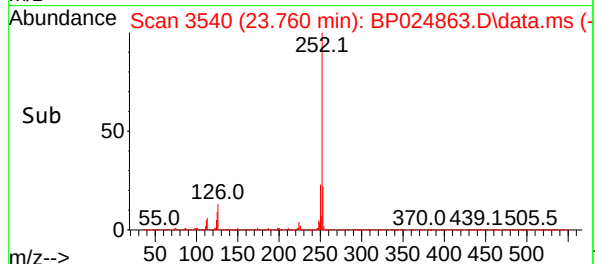
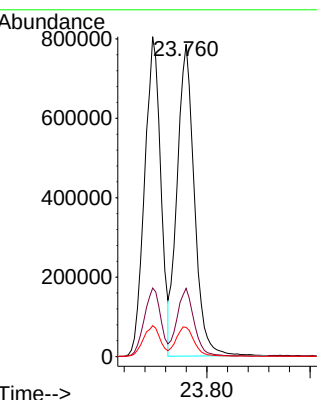
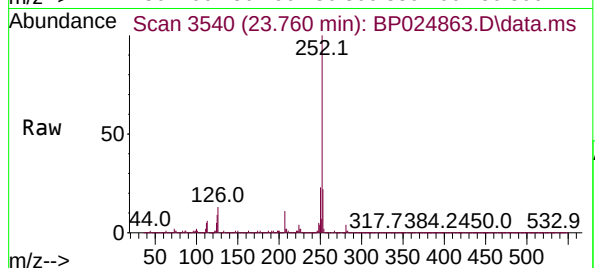
125 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 20.166 ng

RT: 24.566 min Scan# 3677

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

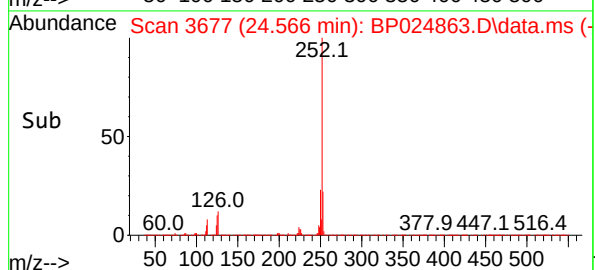
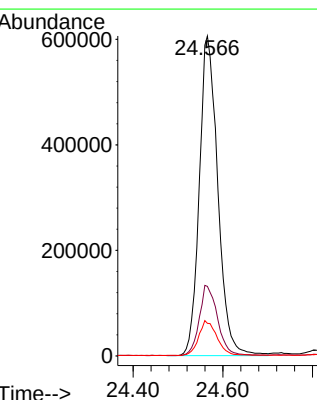
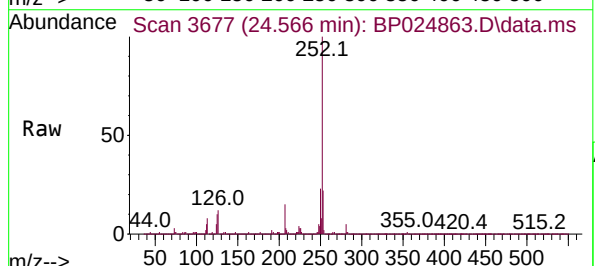
Tgt Ion:252 Resp: 1735236

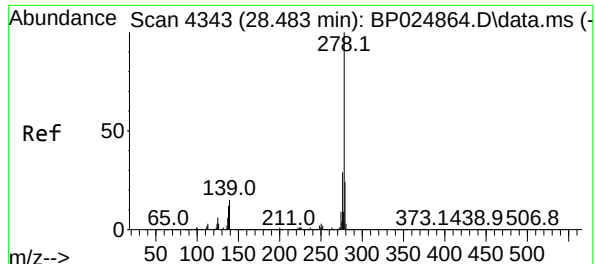
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 20.237 ng

RT: 28.459 min Scan# 4343

Delta R.T. -0.024 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 1850432

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

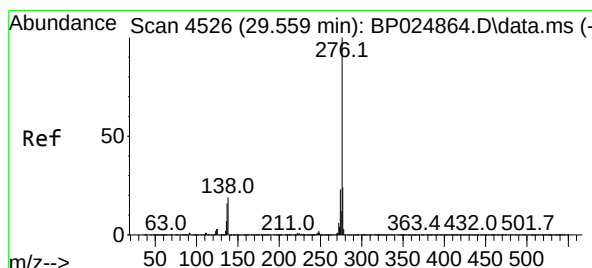
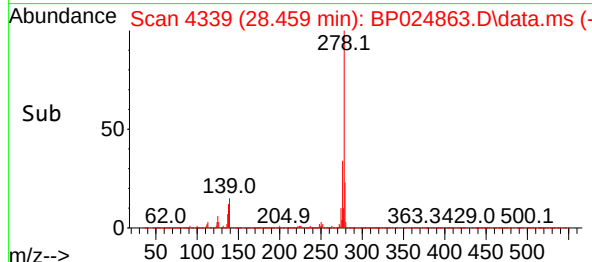
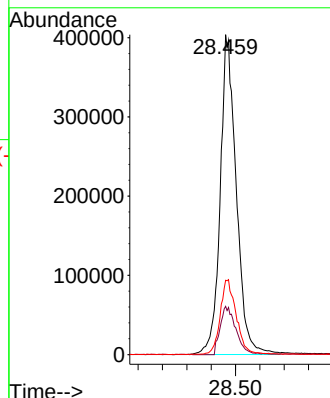
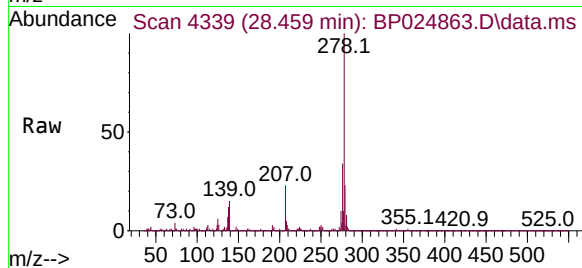
279 23.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#92

Benzo(g,h,i)perylene

Concen: 20.071 ng

RT: 29.530 min Scan# 4521

Delta R.T. -0.029 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

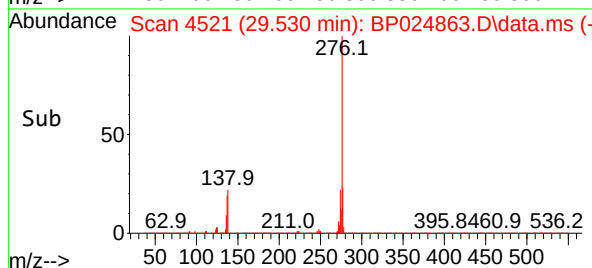
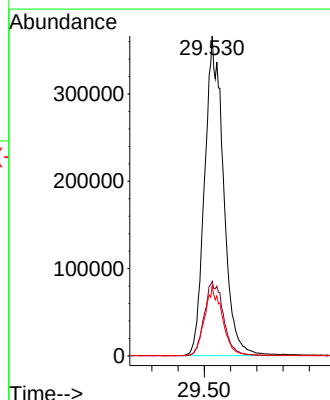
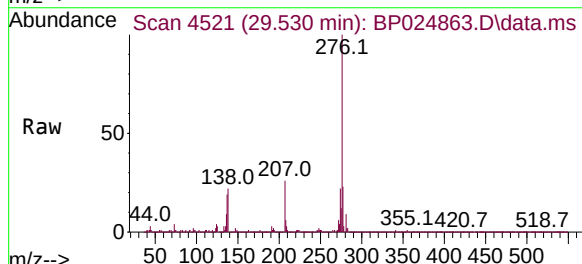
Tgt Ion:276 Resp: 1820845

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 21.9 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024864.D
Acq On : 06 Jun 2025 13:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	251451	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1050030	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	679122	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1306481	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1397384	20.000	ng	0.00
86) Perylene-d12	24.718	264	1643252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1170028	77.670	ng	0.00
7) Phenol-d6	6.814	99	1553699	77.952	ng	0.00
23) Nitrobenzene-d5	8.760	82	1695972	78.486	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	726339	77.359	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3776115	74.904	ng	0.00
79) Terphenyl-d14	19.795	244	6089552	78.103	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	249102	37.581	ng	100
3) Pyridine	3.567	79	616351	38.665	ng	100
4) n-Nitrosodimethylamine	3.478	42	252432	38.735	ng	100
6) Aniline	6.955	93	994688	39.106	ng	100
8) 2-Chlorophenol	7.190	128	660632	38.685	ng	100
9) Benzaldehyde	6.772	77	439137	38.116	ng	100
10) Phenol	6.843	94	798315	38.853	ng	100
11) bis(2-Chloroethyl)ether	7.049	93	620674	38.406	ng	100
12) 1,3-Dichlorobenzene	7.502	146	716511	37.610	ng	100
13) 1,4-Dichlorobenzene	7.643	146	723440	37.635	ng	100
14) 1,2-Dichlorobenzene	7.961	146	704548	37.326	ng	100
15) Benzyl Alcohol	7.861	79	588293	38.458	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	795933	37.629	ng	100
17) 2-Methylphenol	8.072	107	556193	38.764	ng	100
18) Hexachloroethane	8.672	117	274123	37.878	ng	100
19) n-Nitroso-di-n-propyla...	8.413	70	524279	38.693	ng	100
20) 3+4-Methylphenols	8.402	107	751025	38.365	ng	100
22) Acetophenone	8.431	105	1030093	38.828	ng	100
24) Nitrobenzene	8.802	77	755619	39.362	ng	100
25) Isophorone	9.325	82	1457812	38.927	ng	100
26) 2-Nitrophenol	9.507	139	378834	39.996	ng	100
27) 2,4-Dimethylphenol	9.584	122	635763	39.219	ng	100
28) bis(2-Chloroethoxy)met...	9.802	93	868569	38.880	ng	100
29) 2,4-Dichlorophenol	10.055	162	613013	39.412	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	665418	37.930	ng	100
31) Naphthalene	10.431	128	2077988	38.617	ng	100
32) Benzoic acid	9.760	122	428303	39.629	ng	100
33) 4-Chloroaniline	10.555	127	893683	39.641	ng	100
34) Hexachlorobutadiene	10.707	225	407084	38.500	ng	100
35) Caprolactam	11.349	113	230696	40.293	ng	100
36) 4-Chloro-3-methylphenol	11.701	107	715549	39.885	ng	100
37) 2-Methylnaphthalene	12.049	142	1330251	38.973	ng	100
38) 1-Methylnaphthalene	12.266	142	1408803	38.606	ng	100
40) 1,2,4,5-Tetrachloroben...	12.419	216	731245	37.947	ng	100
41) Hexachlorocyclopentadiene	12.396	237	457226	38.901	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	509510	39.371	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024864.D
 Acq On : 06 Jun 2025 13:14
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

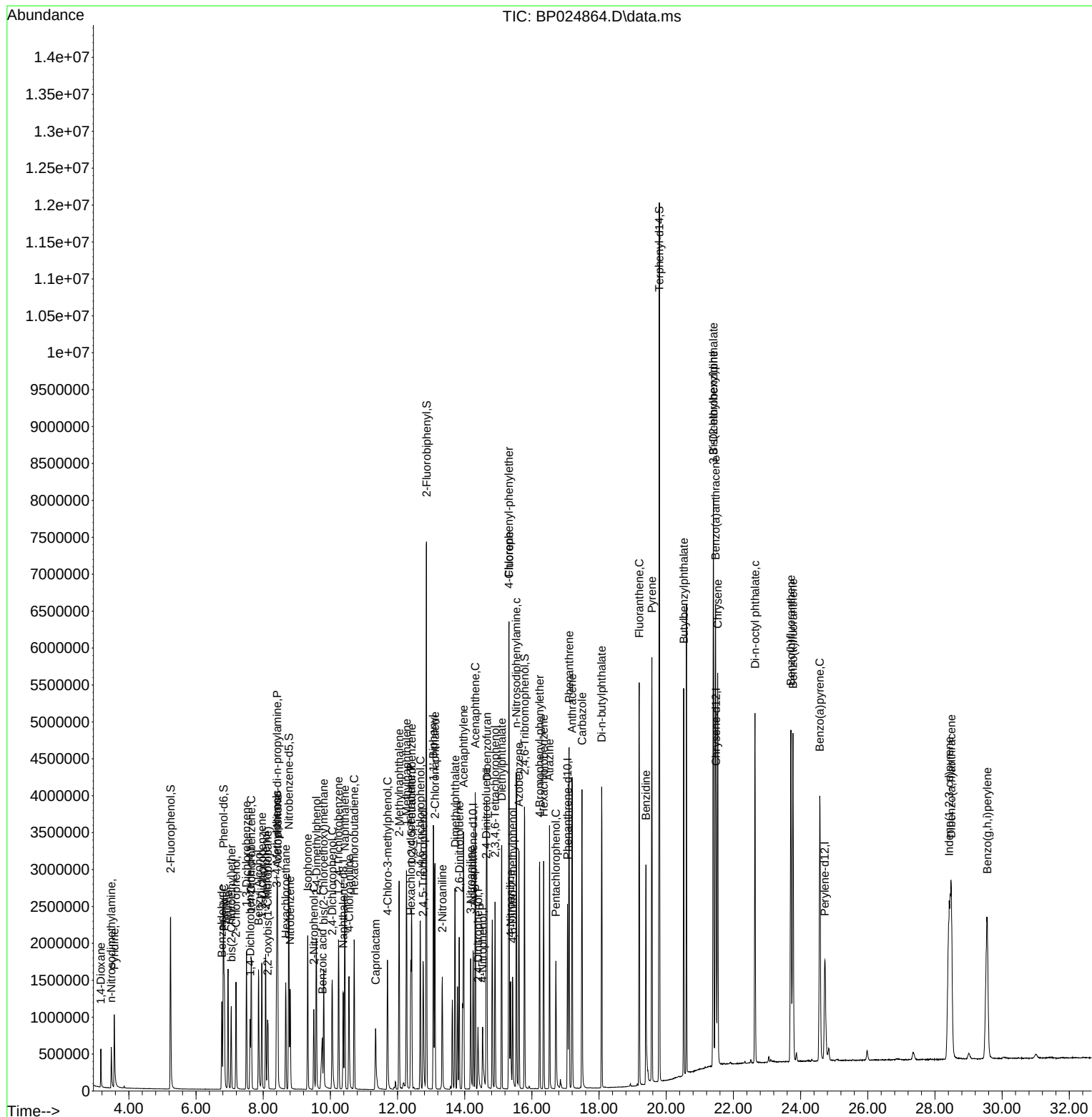
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	550432	39.715	ng	100
46) 1,1'-Biphenyl	13.066	154	1882196	38.137	ng	100
47) 2-Chloronaphthalene	13.113	162	1451679	38.270	ng	100
48) 2-Nitroaniline	13.331	65	470289	40.328	ng	100
49) Acenaphthylene	13.966	152	2400804	37.959	ng	100
50) Dimethylphthalate	13.713	163	1902136	37.969	ng	100
51) 2,6-Dinitrotoluene	13.837	165	424228	39.280	ng	100
52) Acenaphthene	14.313	154	1386007	38.243	ng	100
53) 3-Nitroaniline	14.178	138	459200	40.971	ng	100
54) 2,4-Dinitrophenol	14.395	184	242575	37.658	ng	100
55) Dibenzofuran	14.660	168	2209494	37.980	ng	100
56) 4-Nitrophenol	14.531	139	336462	38.472	ng	100
57) 2,4-Dinitrotoluene	14.637	165	593534	39.287	ng	100
58) Fluorene	15.319	166	1771367	37.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.901	232	480983	38.773	ng	100
60) Diethylphthalate	15.101	149	1891525	37.885	ng	100
61) 4-Chlorophenyl-phenyle...	15.313	204	864669	37.629	ng	100
62) 4-Nitroaniline	15.366	138	422311	41.533	ng	100
63) Azobenzene	15.613	77	1765553	38.557	ng	100
65) 4,6-Dinitro-2-methylph...	15.431	198	339975	39.602	ng	100
66) n-Nitrosodiphenylamine	15.537	169	1559739	38.517	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	556600	37.758	ng	100
68) Hexachlorobenzene	16.348	284	680613	38.085	ng	100
69) Atrazine	16.525	200	567988	38.691	ng	100
70) Pentachlorophenol	16.713	266	362165	39.157	ng	100
71) Phenanthrene	17.107	178	2760162	38.231	ng	100
72) Anthracene	17.195	178	2799870	38.291	ng	100
73) Carbazole	17.489	167	2607544	38.474	ng	100
74) Di-n-butylphthalate	18.078	149	3324411	39.589	ng	100
75) Fluoranthene	19.195	202	3194654	38.177	ng	100
77) Benzidine	19.395	184	1825007	42.168	ng	100
78) Pyrene	19.572	202	3309259	37.906	ng	100
80) Butylbenzylphthalate	20.519	149	1569262	39.243	ng	100
81) Benzo(a)anthracene	21.466	228	3407877	38.131	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1377414	38.820	ng	100
83) Chrysene	21.530	228	3196624	37.748	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2227904	38.886	ng	100
85) Di-n-octyl phthalate	22.642	149	3868411	38.306	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	4640451	38.704	ng	100
88) Benzo(b)fluoranthene	23.713	252	3704546	39.393	ng	100
89) Benzo(k)fluoranthene	23.771	252	3635617	37.979	ng	100
90) Benzo(a)pyrene	24.571	252	3516755	38.291	ng	100
91) Dibenzo(a,h)anthracene	28.483	278	3757160	38.499	ng	100
92) Benzo(g,h,i)perylene	29.559	276	3734621	38.569	ng	100

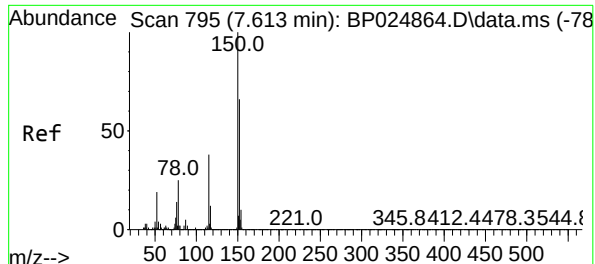
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024864.D
Acq On : 06 Jun 2025 13:14
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

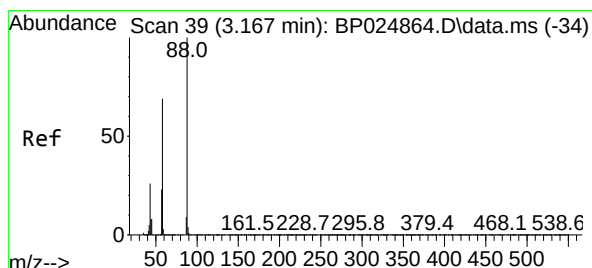
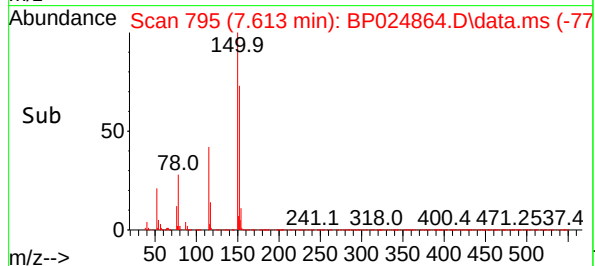
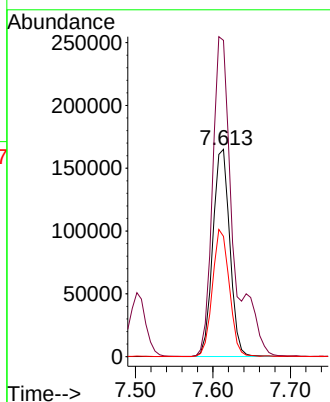
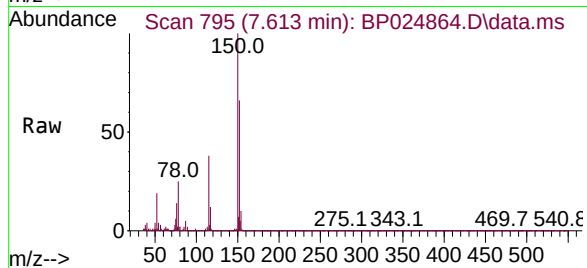




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

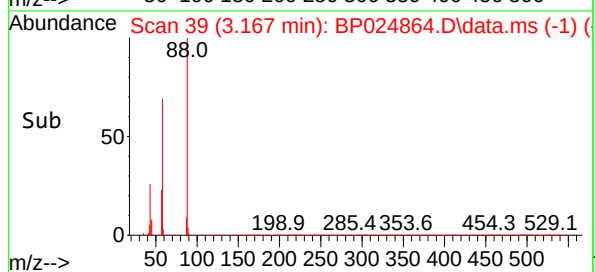
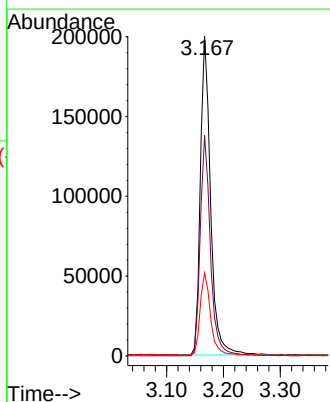
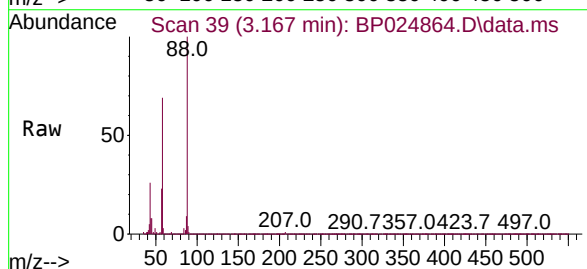
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

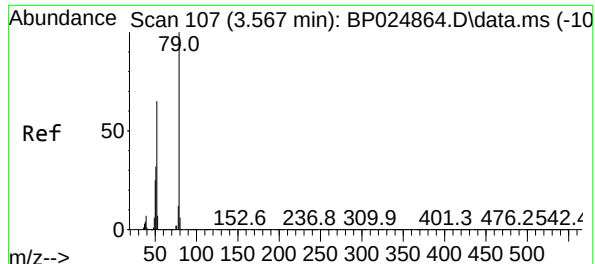
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.1	183.1
115	58.0	46.4	69.6



#2
1,4-Dioxane
Concen: 37.581 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.4	83.0
43	26.1	20.8	31.2

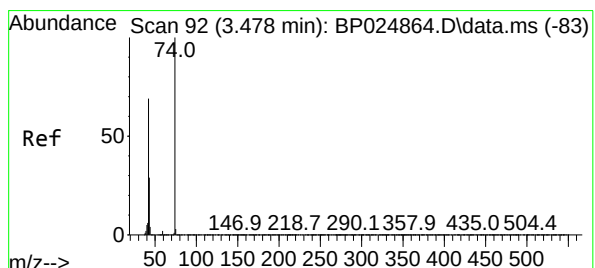
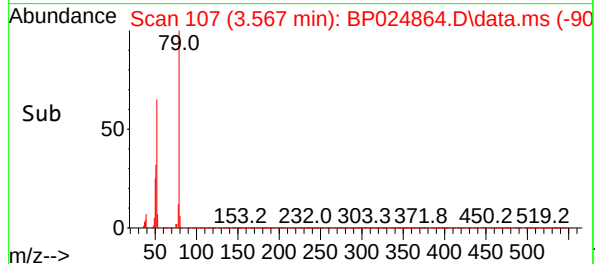
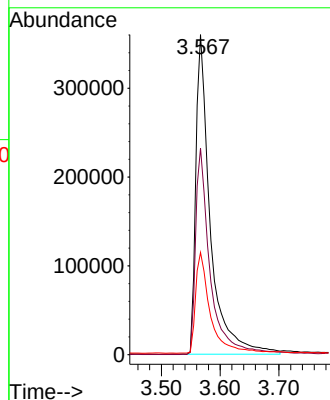
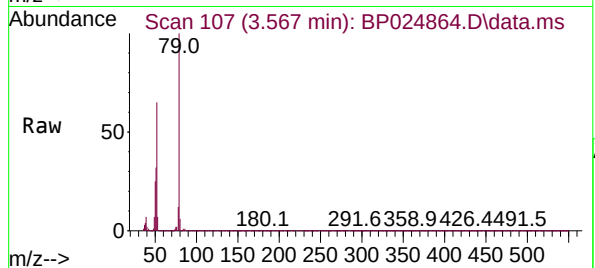




#3
Pyridine
Concen: 38.665 ng
RT: 3.567 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

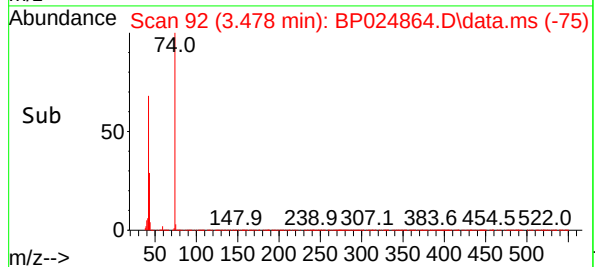
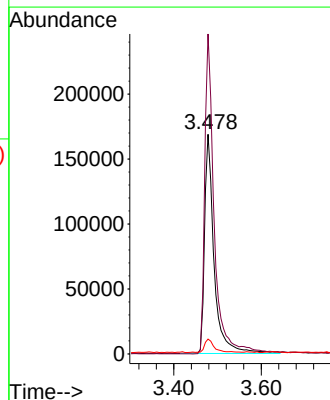
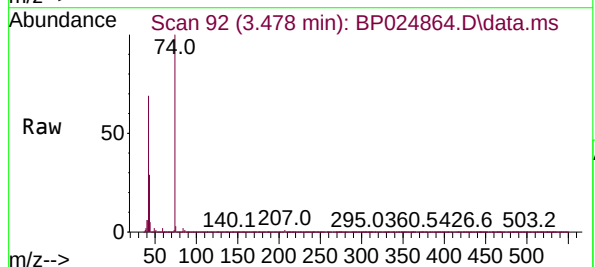
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

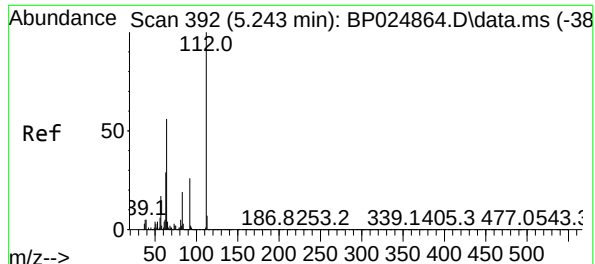
Tgt Ion: 79 Resp: 616351
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 31.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 38.735 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 42 Resp: 252432
Ion Ratio Lower Upper
42 100
74 145.7 116.6 174.8
44 6.7 5.4 8.0

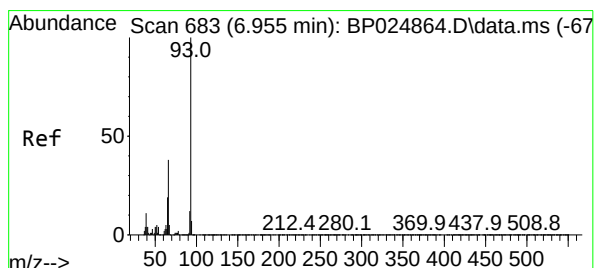
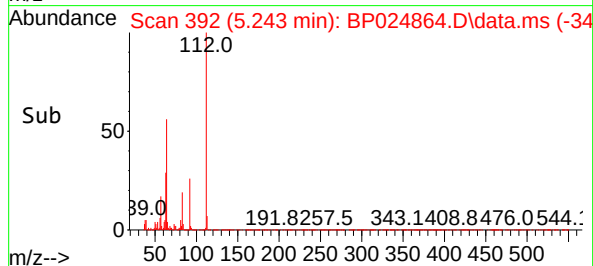
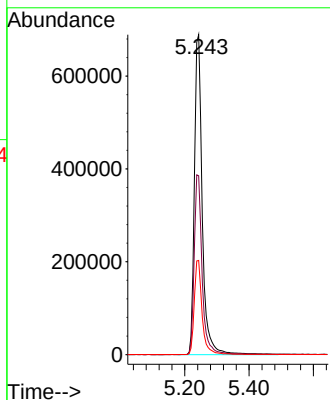
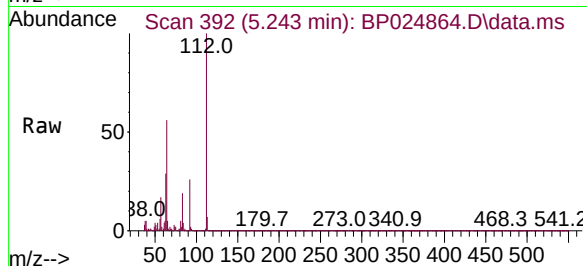




#5
2-Fluorophenol
Concen: 77.670 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

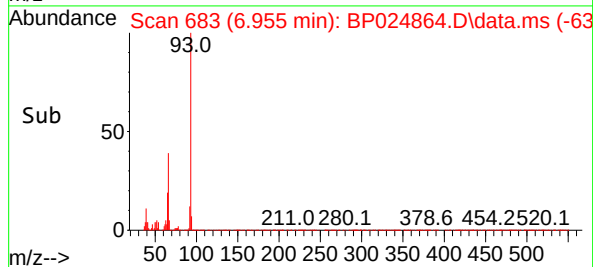
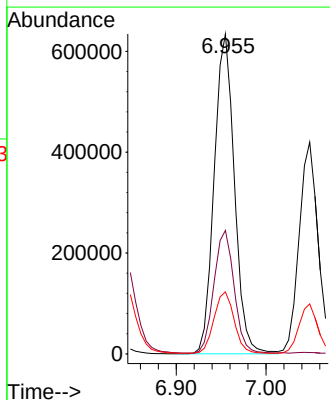
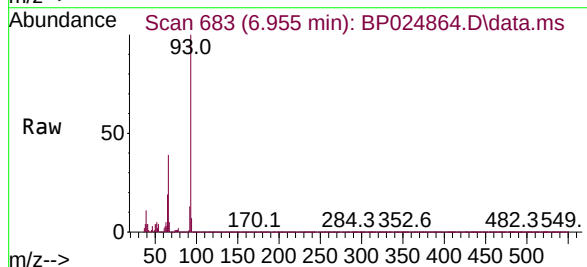
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

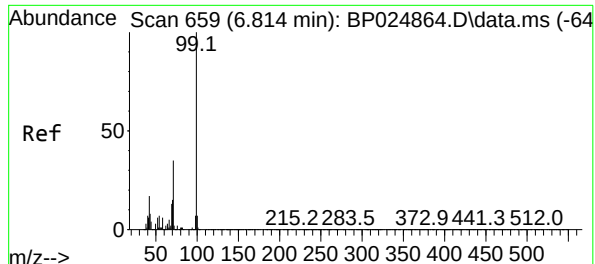
Tgt Ion:112 Resp: 1170028
Ion Ratio Lower Upper
112 100
64 55.9 44.7 67.1
63 29.4 23.5 35.3



#6
Aniline
Concen: 39.106 ng
RT: 6.955 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 93 Resp: 994688
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 19.4 15.5 23.3

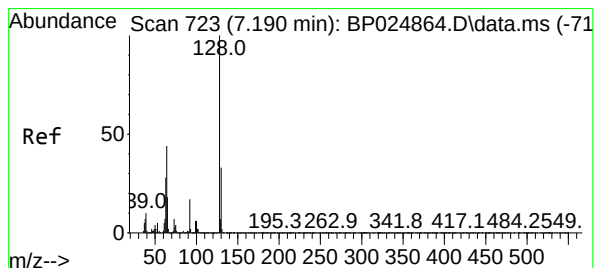
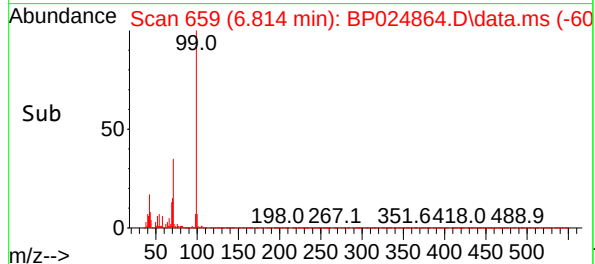
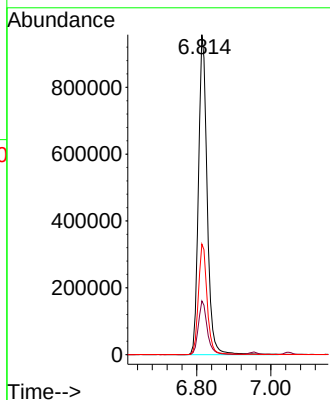
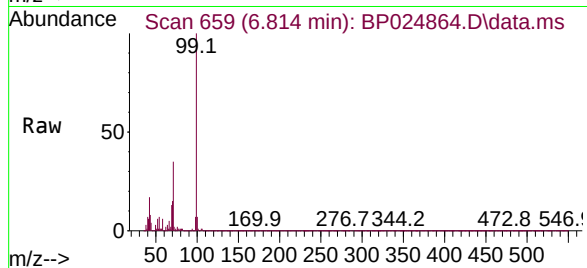




#7
Phenol-d6
Concen: 77.952 ng
RT: 6.814 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

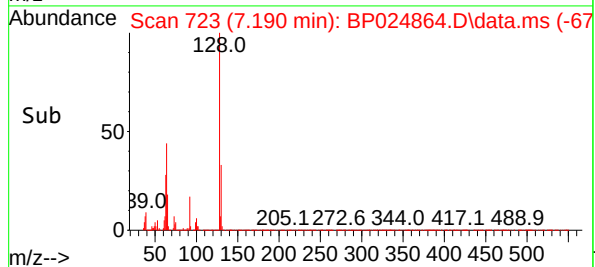
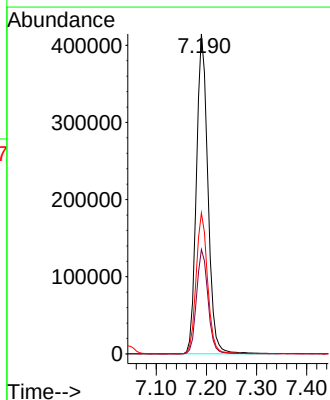
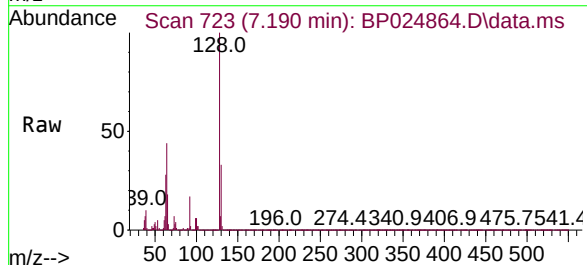
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

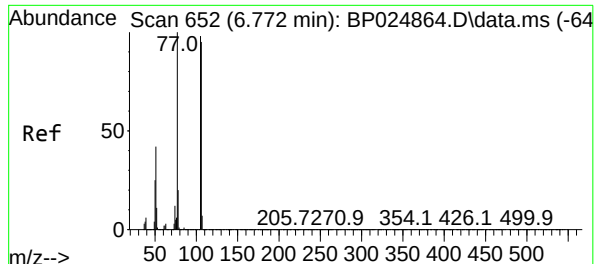
Tgt Ion: 99 Resp: 1553699
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 34.5 27.6 41.4



#8
2-Chlorophenol
Concen: 38.685 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 128 Resp: 660632
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 44.1 24.1 64.1

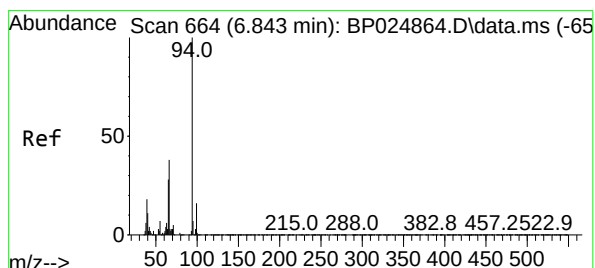
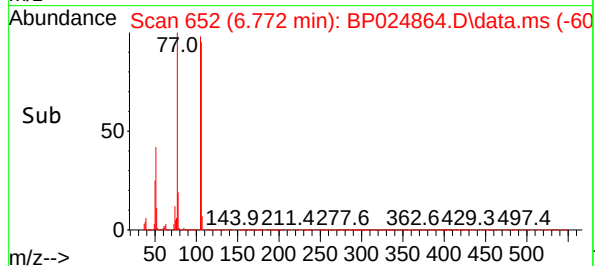
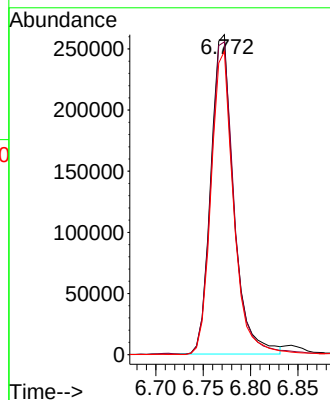
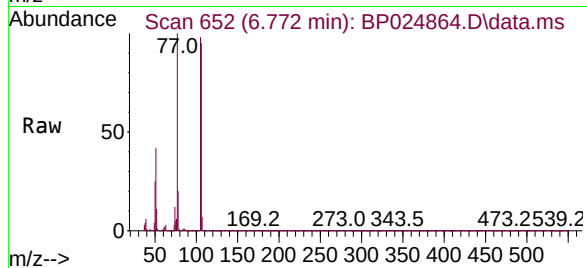




#9
Benzaldehyde
Concen: 38.116 ng
RT: 6.772 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

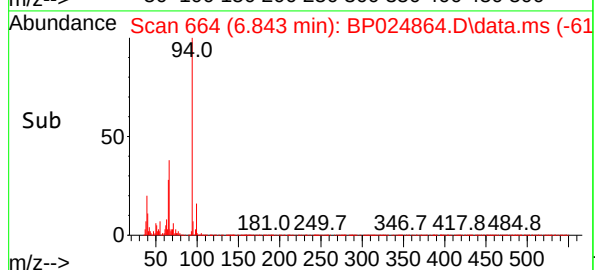
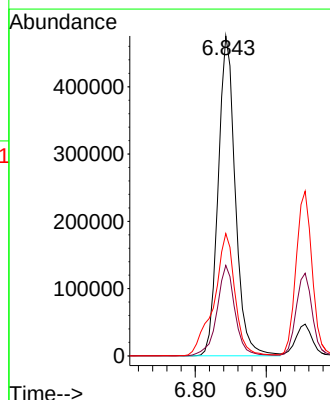
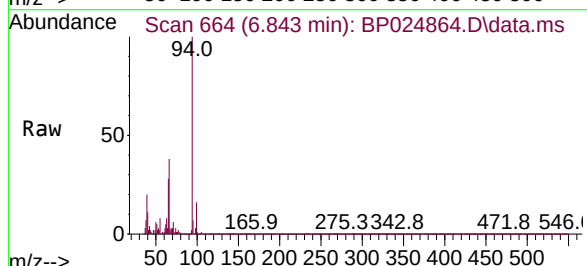
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

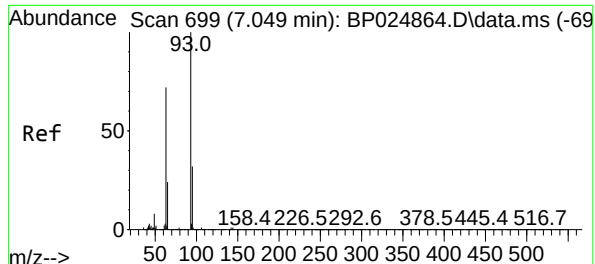
Tgt Ion: 77 Resp: 439137
Ion Ratio Lower Upper
77 100
105 97.7 77.7 117.7
106 94.8 74.8 114.8



#10
Phenol
Concen: 38.853 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 94 Resp: 798315
Ion Ratio Lower Upper
94 100
65 28.3 8.3 48.3
66 38.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 38.406 ng

RT: 7.049 min Scan# 699

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

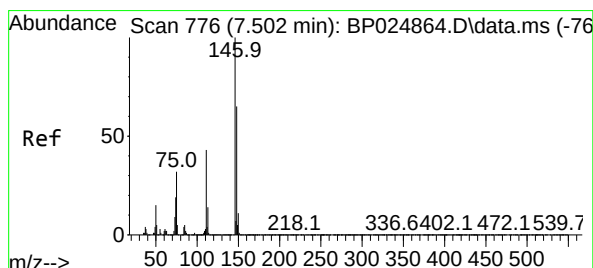
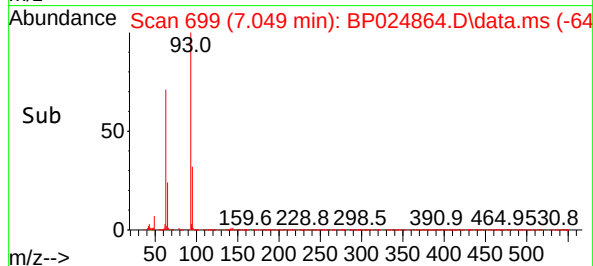
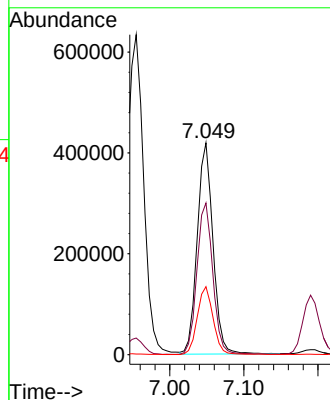
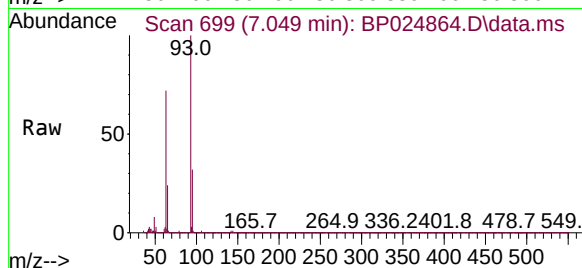
Tgt Ion: 93 Resp: 620674

Ion Ratio Lower Upper

93 100

63 71.6 51.6 91.6

95 32.1 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 37.610 ng

RT: 7.502 min Scan# 776

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

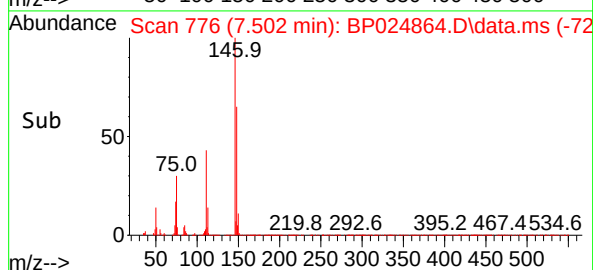
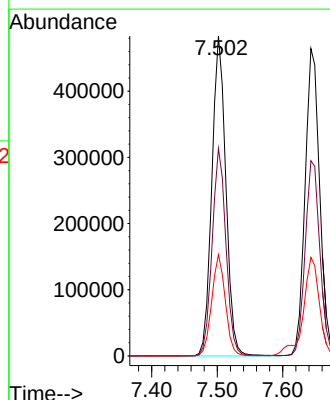
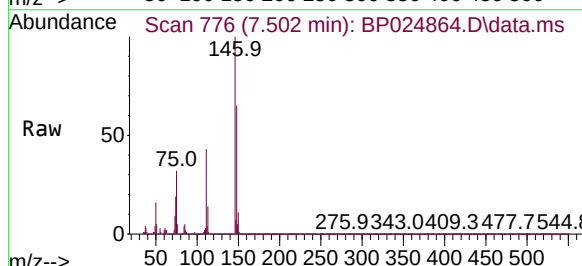
Tgt Ion: 146 Resp: 716511

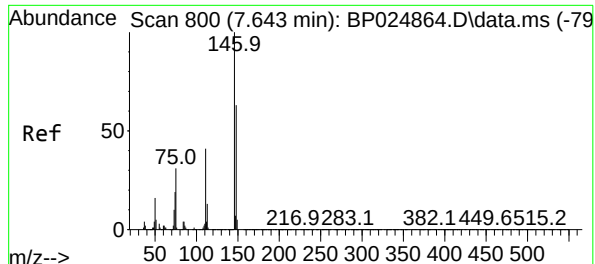
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 31.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 37.635 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

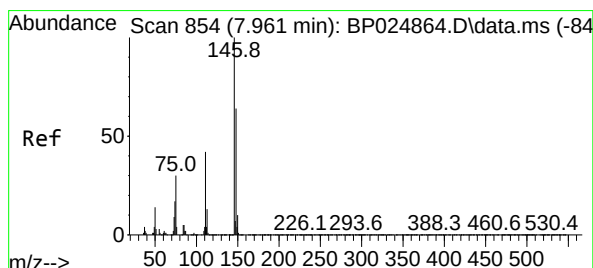
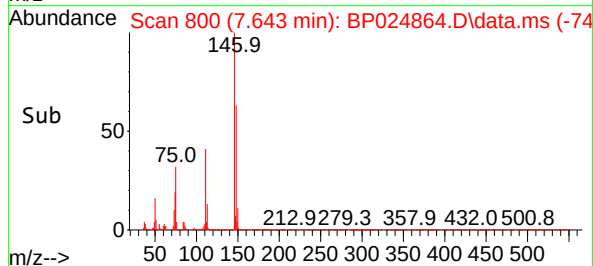
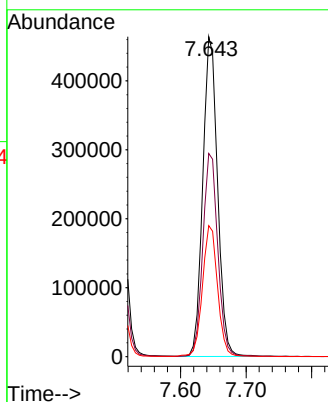
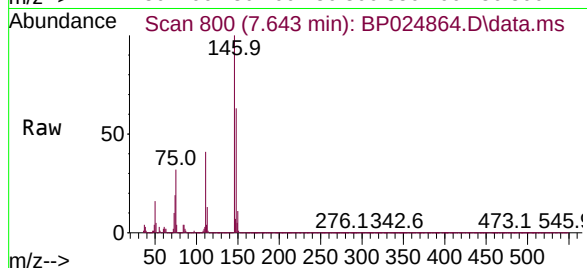
Tgt Ion:146 Resp: 723440

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 40.9 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 37.326 ng

RT: 7.961 min Scan# 854

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

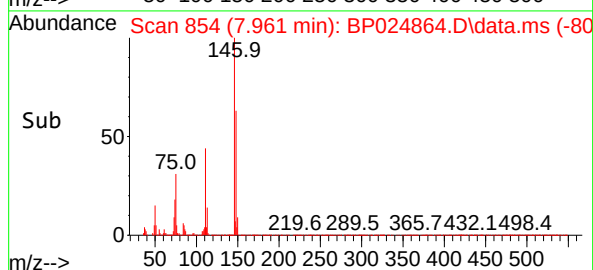
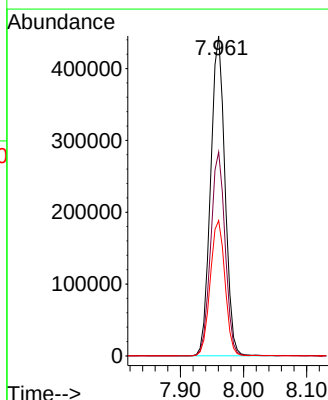
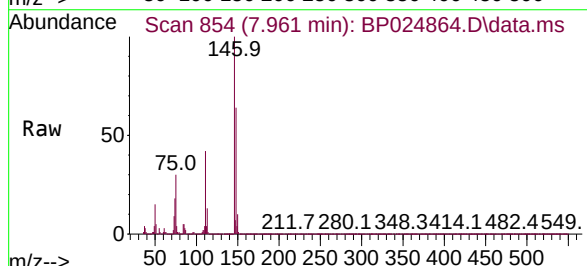
Tgt Ion:146 Resp: 704548

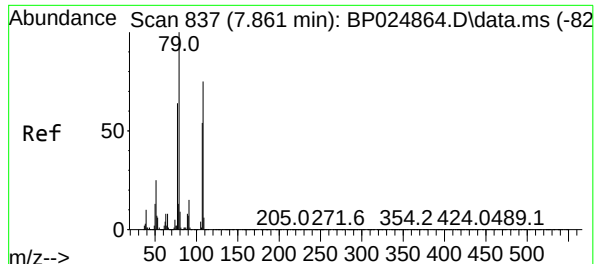
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 42.3 33.8 50.8





#15

Benzyl Alcohol

Concen: 38.458 ng

RT: 7.861 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

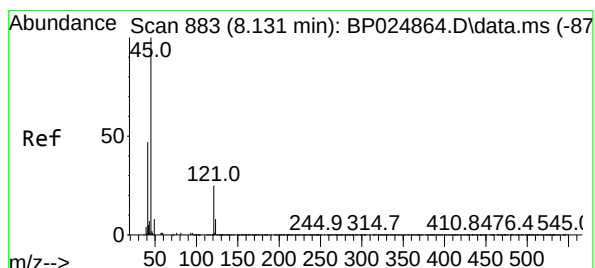
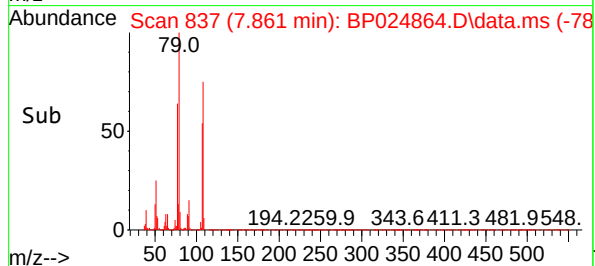
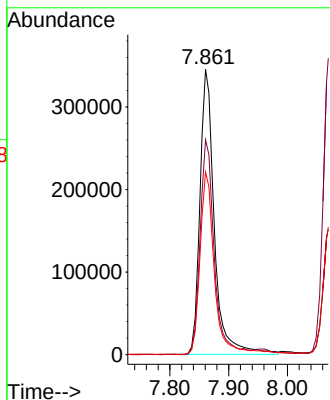
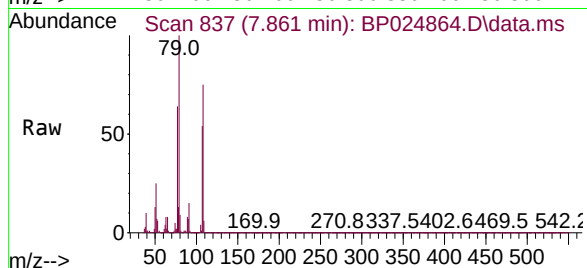
Tgt Ion: 79 Resp: 588293

Ion Ratio Lower Upper

79 100

108 75.3 60.2 90.4

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.629 ng

RT: 8.131 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

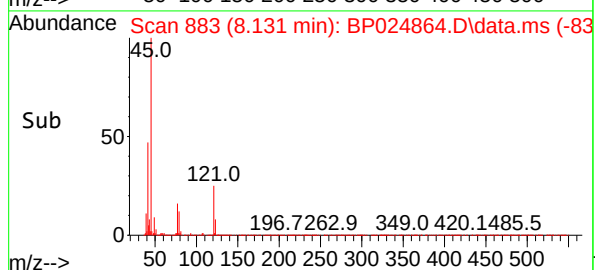
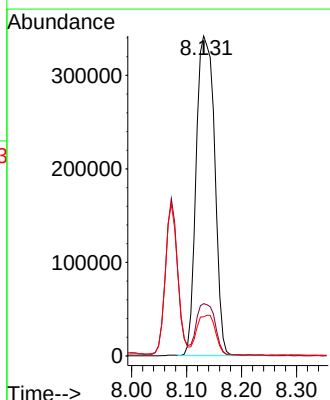
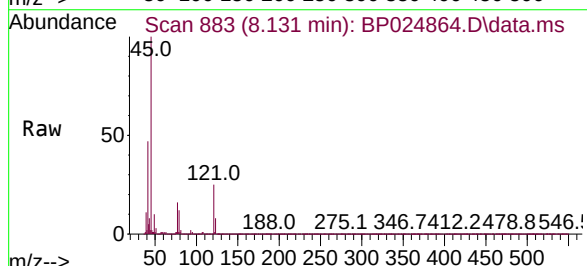
Tgt Ion: 45 Resp: 795933

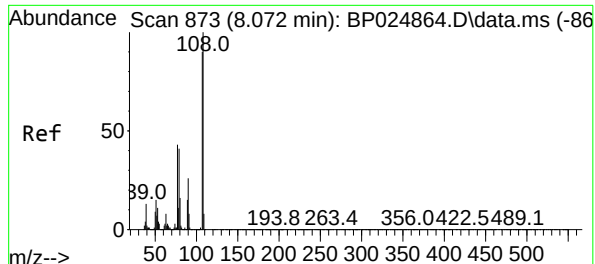
Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.3

79 12.2 0.0 32.2





#17

2-Methylphenol

Concen: 38.764 ng

RT: 8.072 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 556193

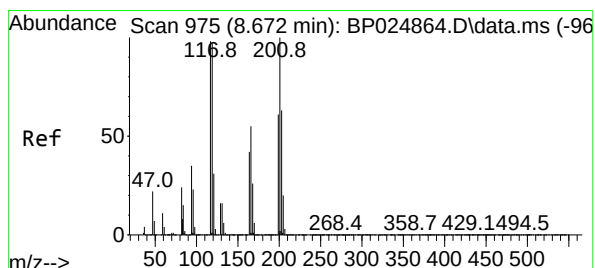
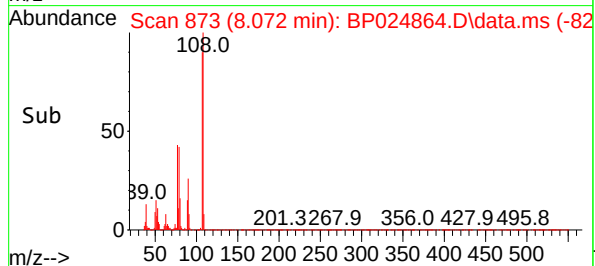
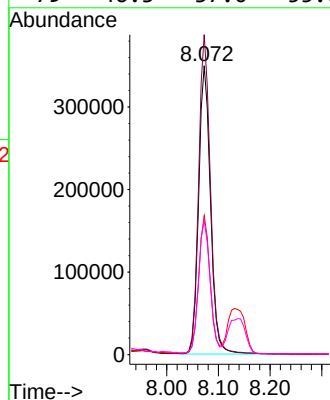
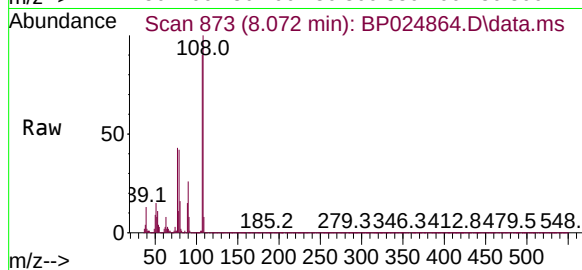
Ion Ratio Lower Upper

107 100

108 110.7 88.6 132.8

77 48.1 38.5 57.7

79 46.3 37.0 55.6



#18

Hexachloroethane

Concen: 37.878 ng

RT: 8.672 min Scan# 975

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

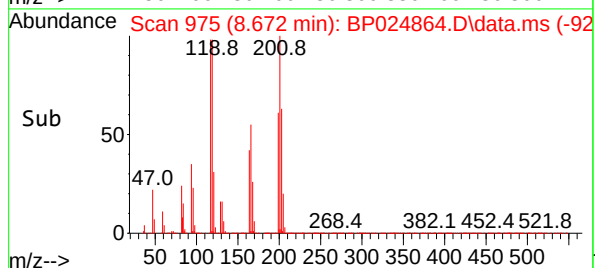
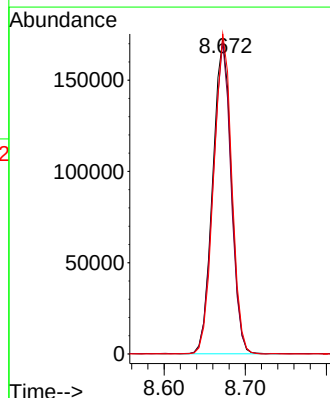
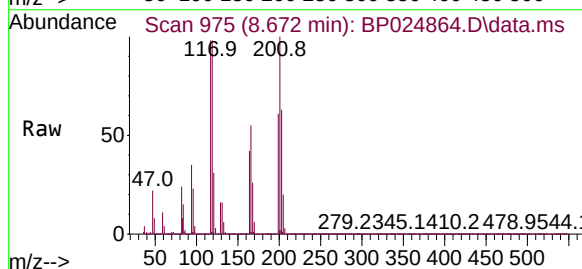
Tgt Ion:117 Resp: 274123

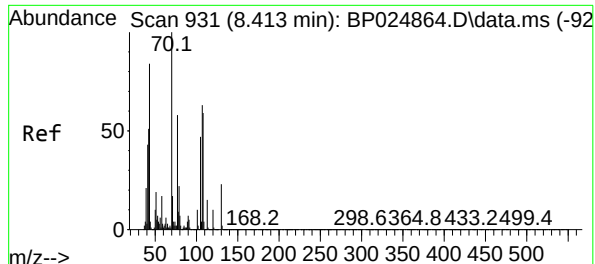
Ion Ratio Lower Upper

117 100

119 99.3 79.4 119.2

201 101.8 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.693 ng

RT: 8.413 min Scan# 931

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 524279

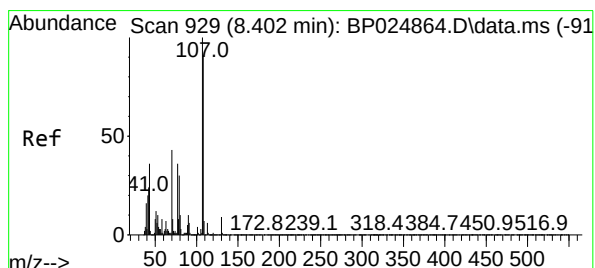
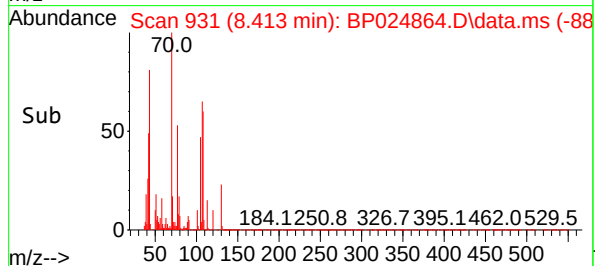
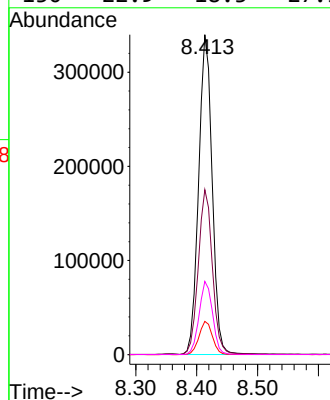
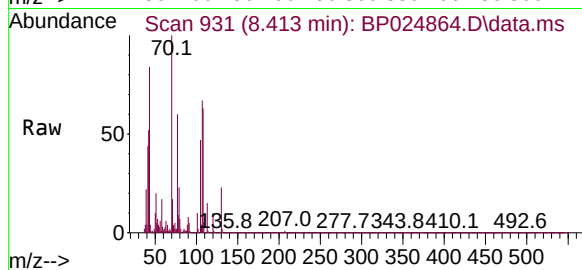
Ion Ratio Lower Upper

70 100

42 51.5 41.2 61.8

101 10.4 8.3 12.5

130 22.9 18.3 27.5



#20

3+4-Methylphenols

Concen: 38.365 ng

RT: 8.402 min Scan# 929

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion: 107 Resp: 751025

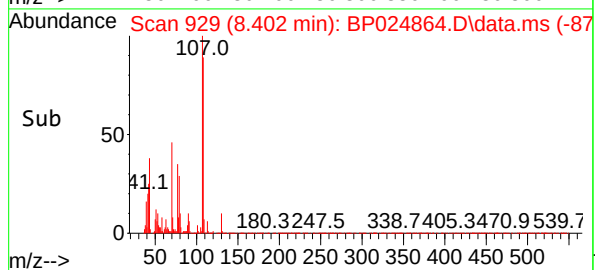
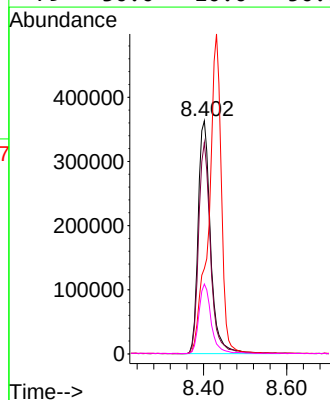
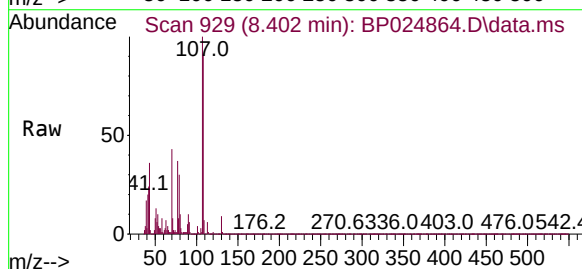
Ion Ratio Lower Upper

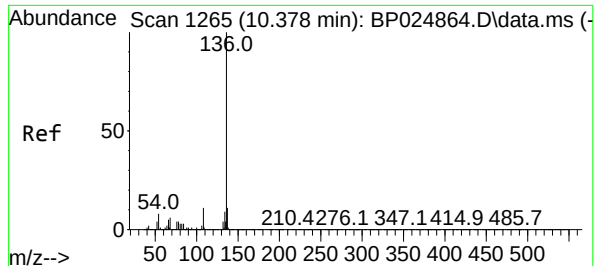
107 100

108 90.7 70.7 110.7

77 36.6 16.6 56.6

79 30.0 10.0 50.0

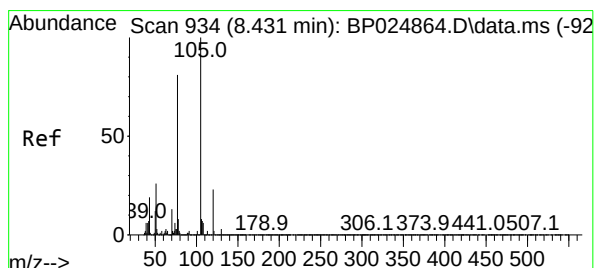
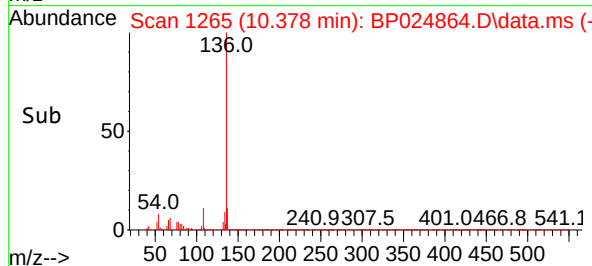
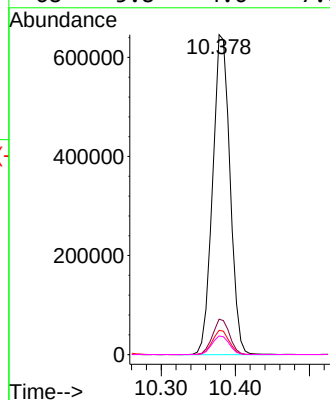
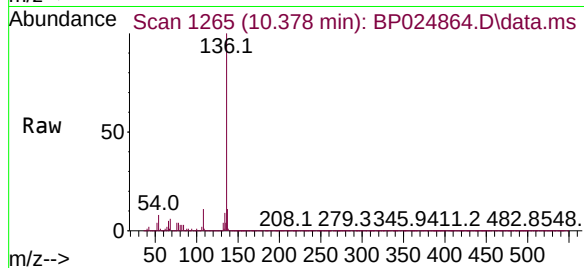




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

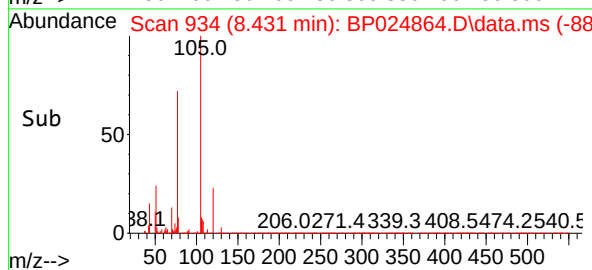
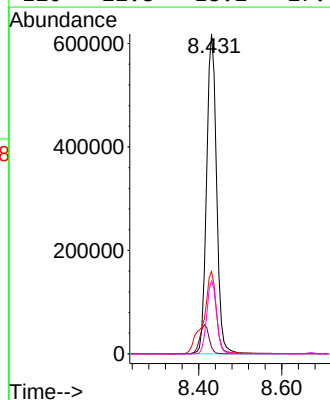
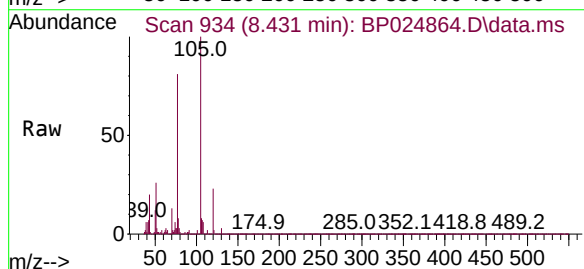
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

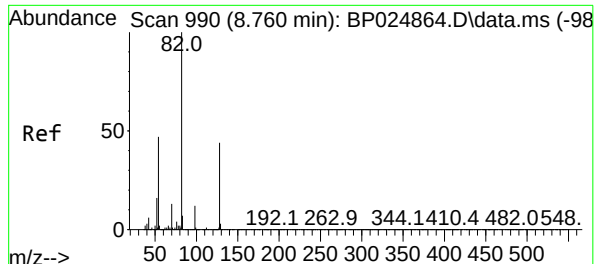
Tgt Ion:136 Resp: 1050030
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 38.828 ng
RT: 8.431 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:105 Resp: 1030093
Ion Ratio Lower Upper
105 100
71 2.0 1.6 2.4
51 25.8 20.6 31.0
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.486 ng

RT: 8.760 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

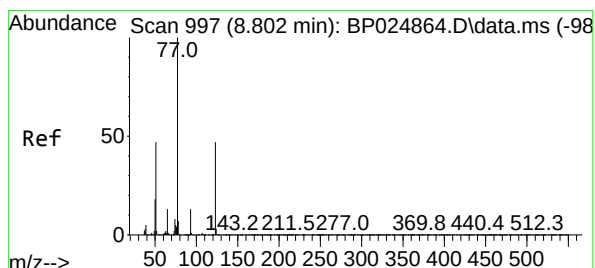
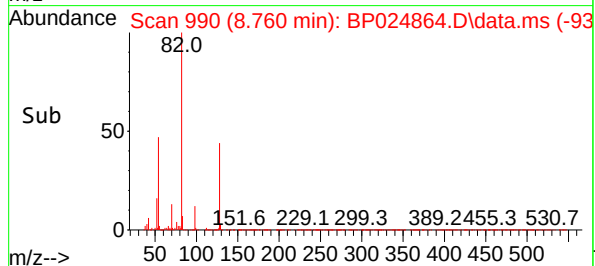
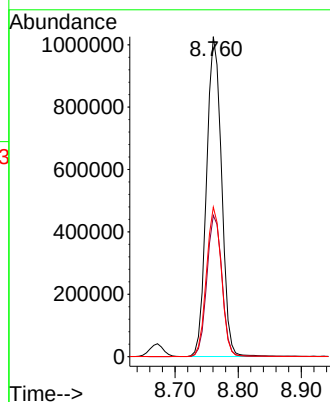
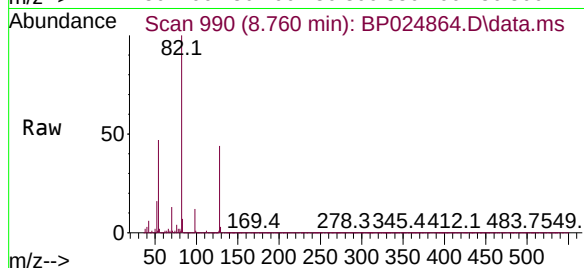
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1695972

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.3	52.9
54	46.7	37.4	56.0



#24

Nitrobenzene

Concen: 39.362 ng

RT: 8.802 min Scan# 997

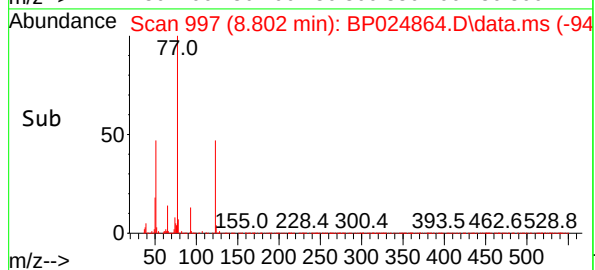
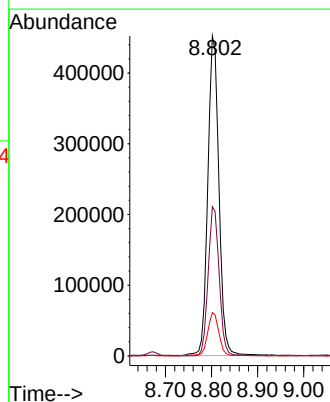
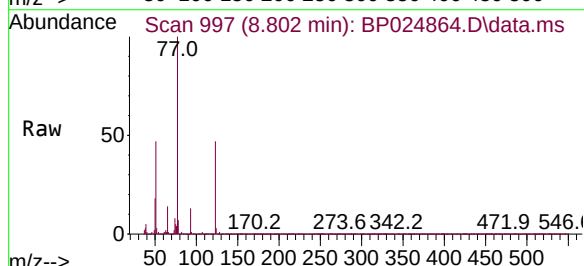
Delta R.T. 0.000 min

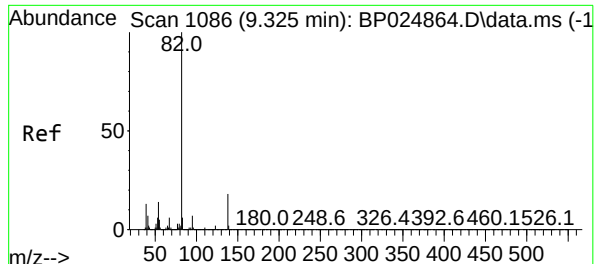
Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion: 77 Resp: 755619

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.3	55.9
65	13.5	10.8	16.2

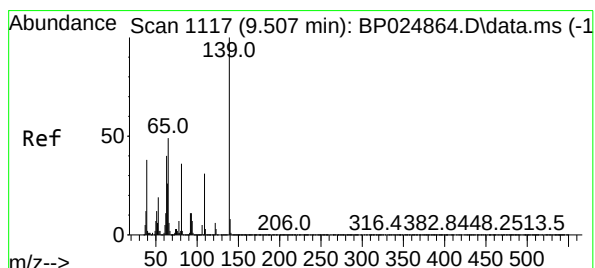
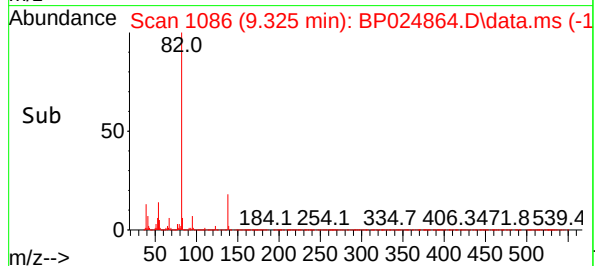
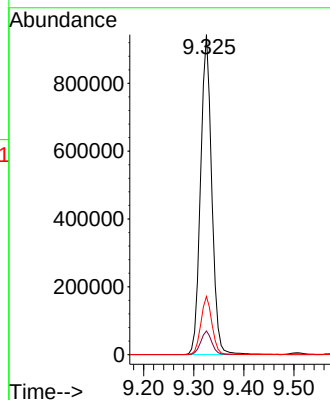
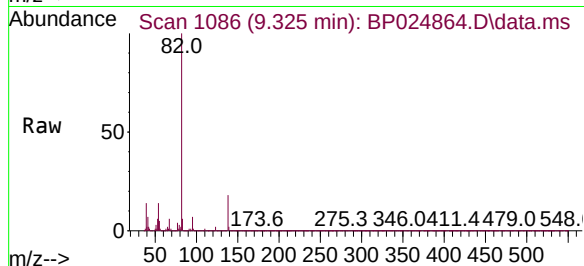




#25
Isophorone
Concen: 38.927 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

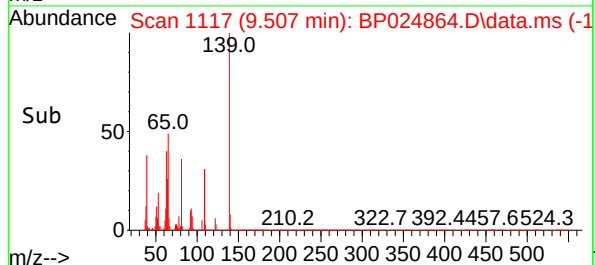
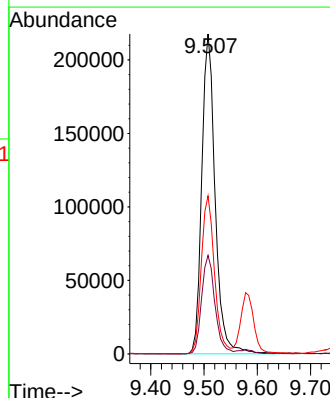
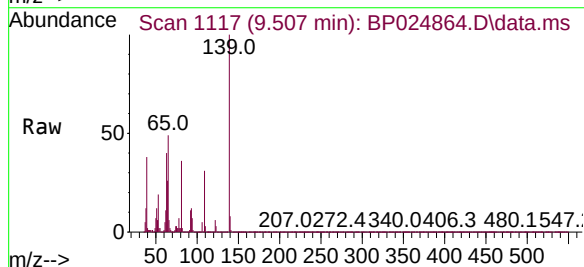
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

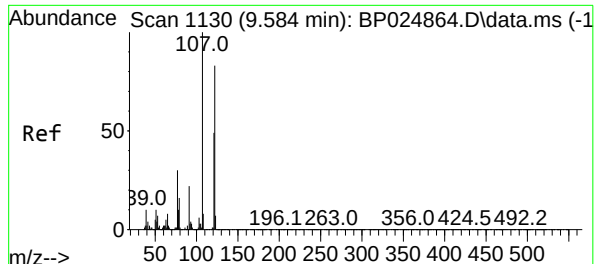
Tgt Ion: 82 Resp: 1457812
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 39.996 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 139 Resp: 378834
Ion Ratio Lower Upper
139 100
109 30.8 24.6 37.0
65 49.4 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 39.219 ng

RT: 9.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

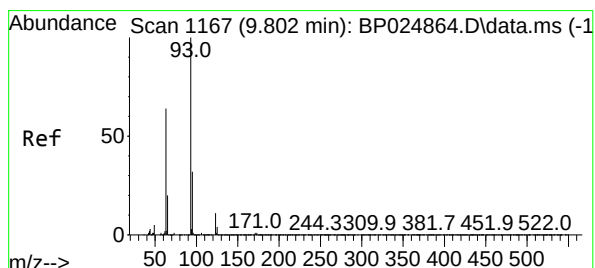
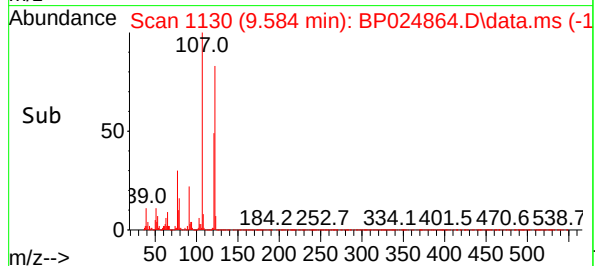
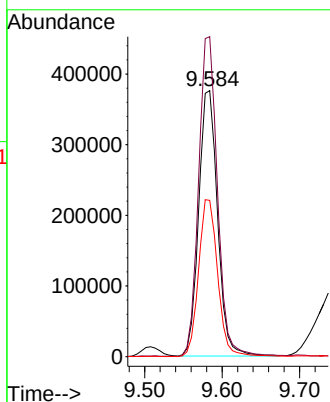
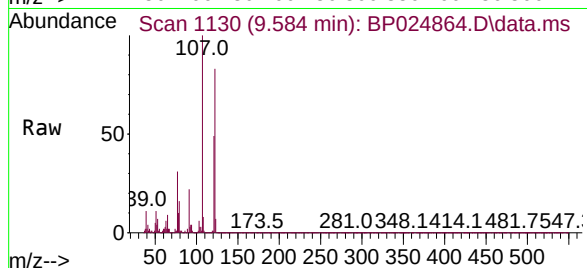
Tgt Ion:122 Resp: 635763

Ion Ratio Lower Upper

122 100

107 120.3 96.2 144.4

121 58.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.880 ng

RT: 9.802 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

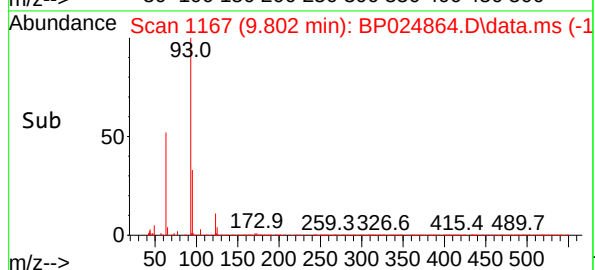
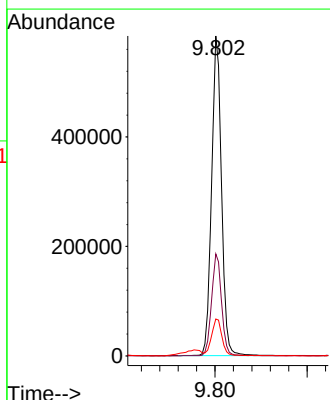
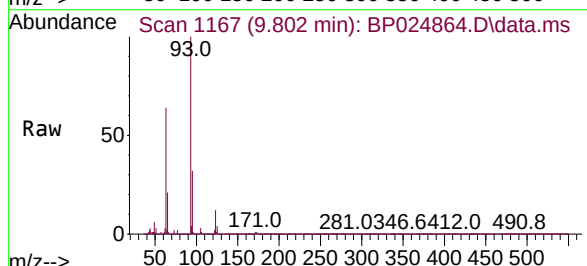
Tgt Ion: 93 Resp: 868569

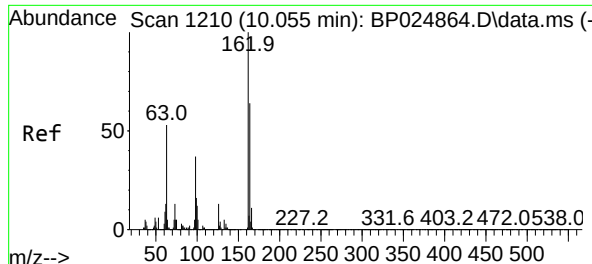
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.412 ng

RT: 10.055 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

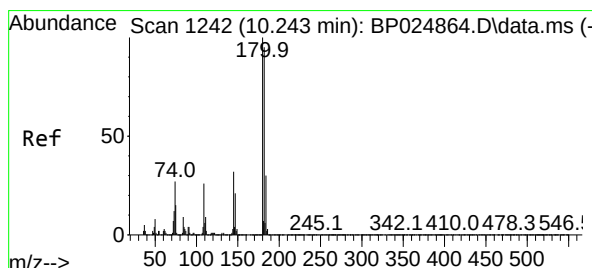
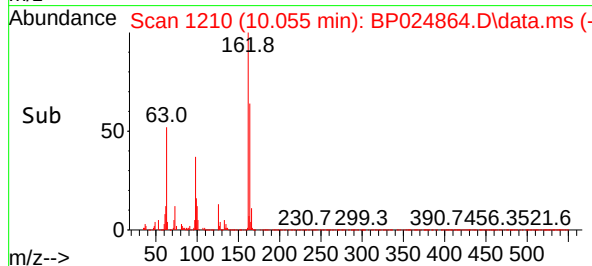
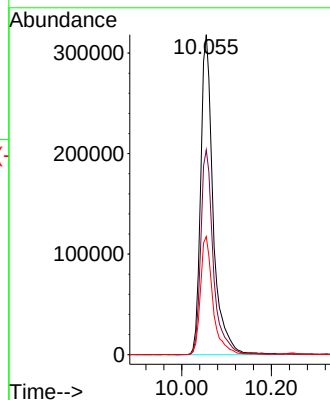
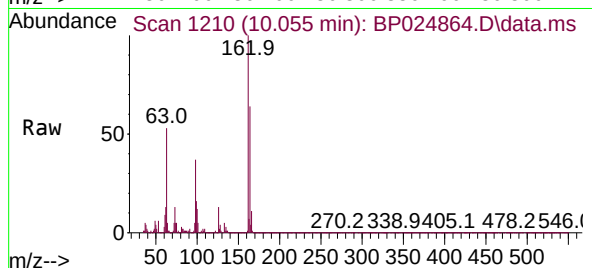
Tgt Ion:162 Resp: 613013

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

98 36.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 37.930 ng

RT: 10.243 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

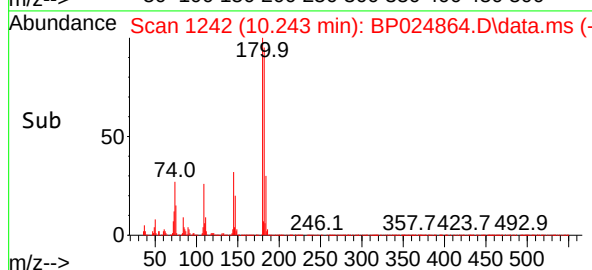
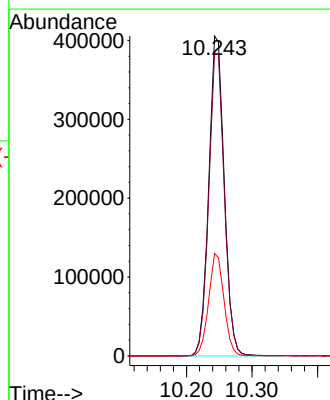
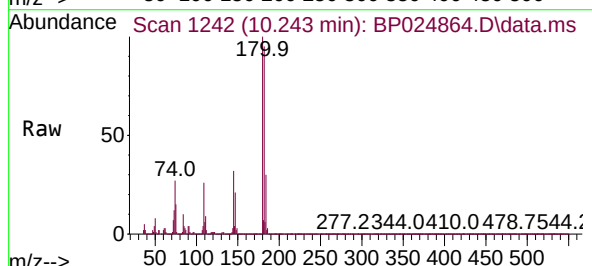
Tgt Ion:180 Resp: 665418

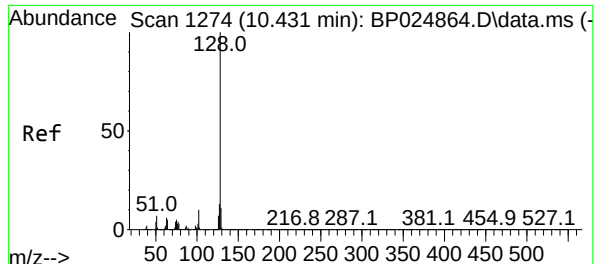
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 32.1 25.7 38.5





#31

Naphthalene

Concen: 38.617 ng

RT: 10.431 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

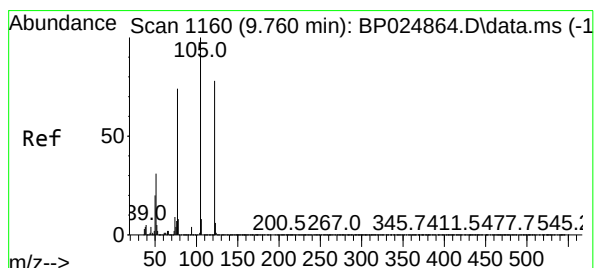
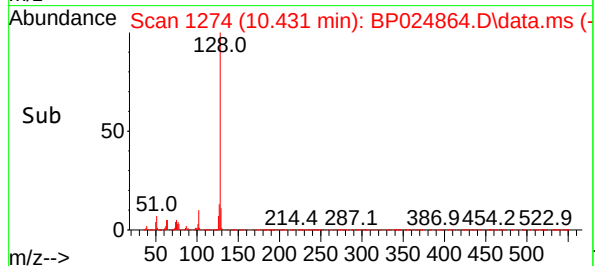
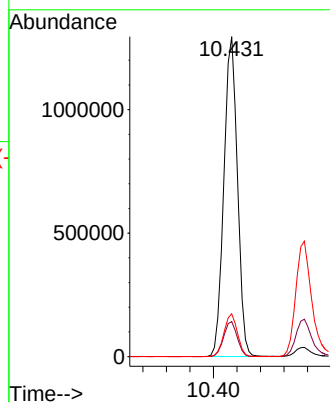
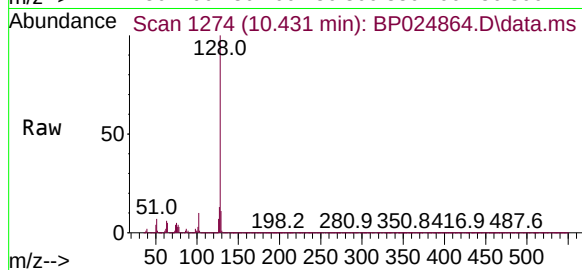
Tgt Ion:128 Resp: 2077988

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 39.629 ng

RT: 9.760 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

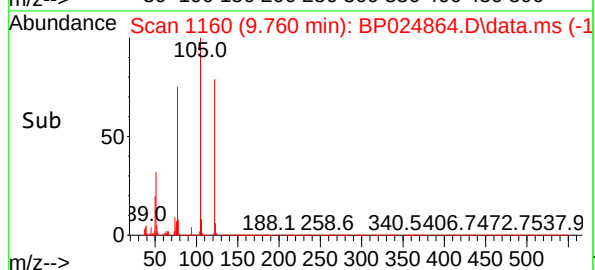
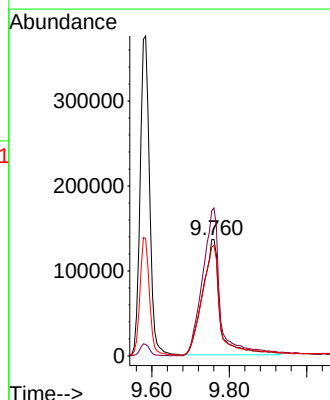
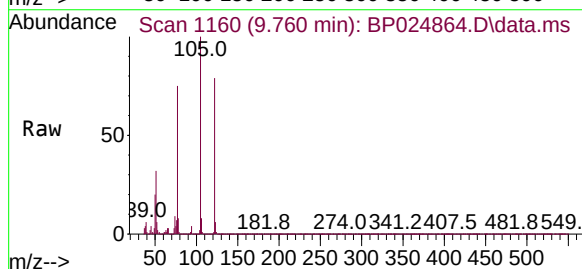
Tgt Ion:122 Resp: 428303

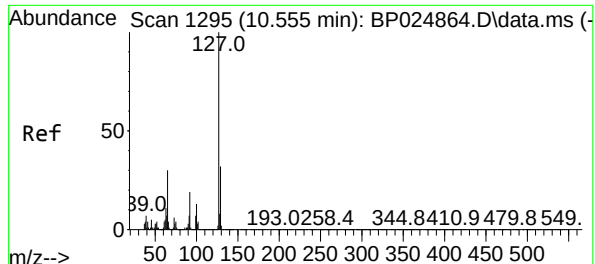
Ion Ratio Lower Upper

122 100

105 127.1 107.1 147.1

77 95.1 75.1 115.1





#33

4-Chloroaniline

Concen: 39.641 ng

RT: 10.555 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 893683

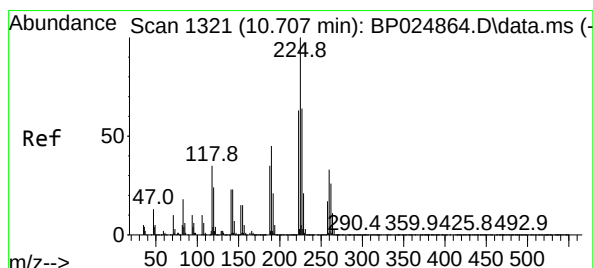
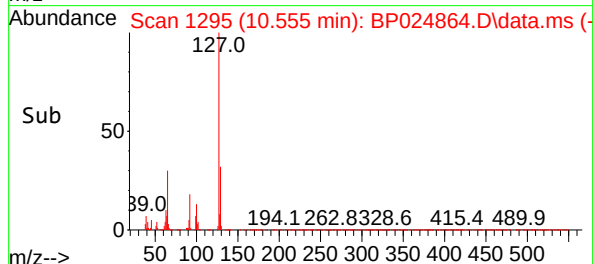
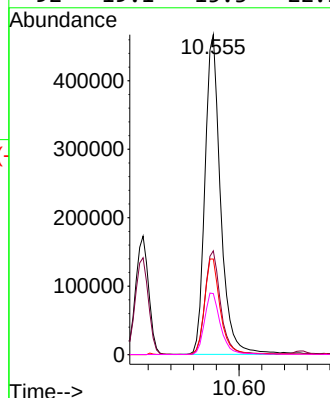
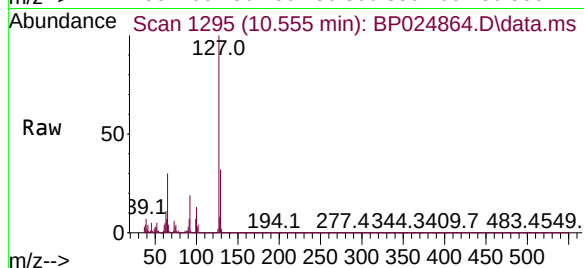
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.9 35.9

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 38.500 ng

RT: 10.707 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

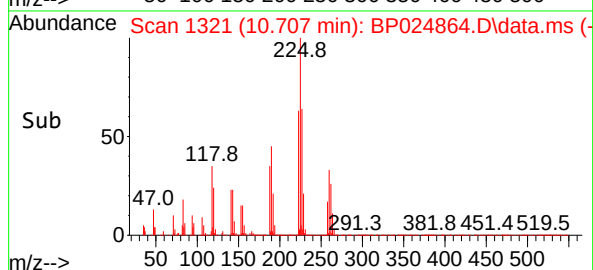
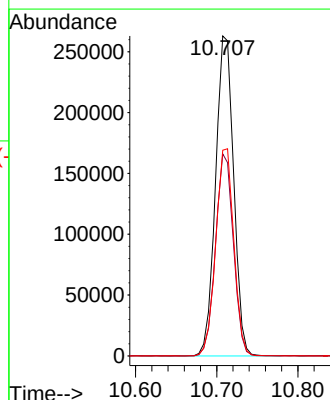
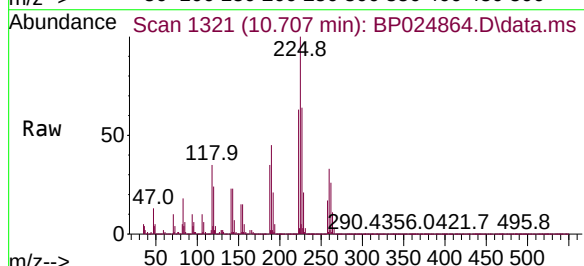
Tgt Ion:225 Resp: 407084

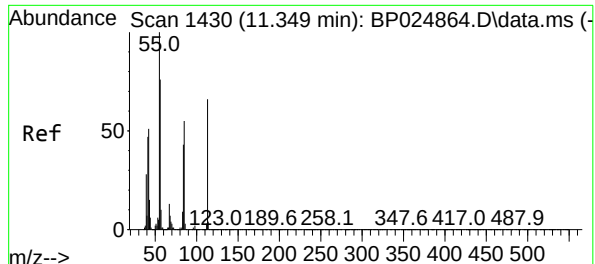
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.3 51.4 77.2

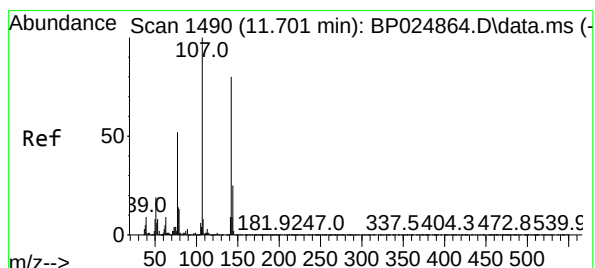
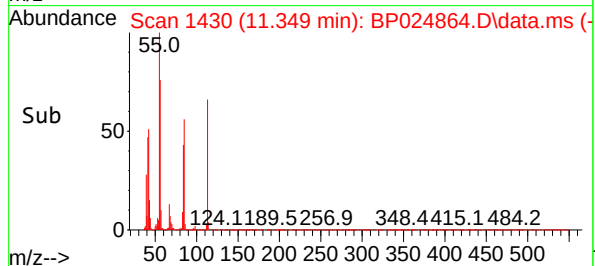
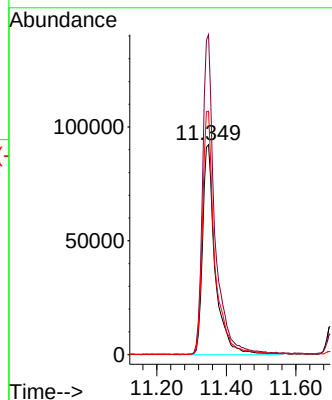
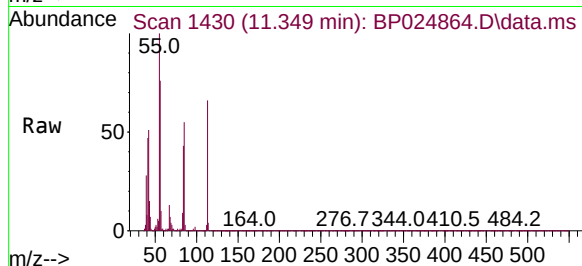




#35
Caprolactam
Concen: 40.293 ng
RT: 11.349 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

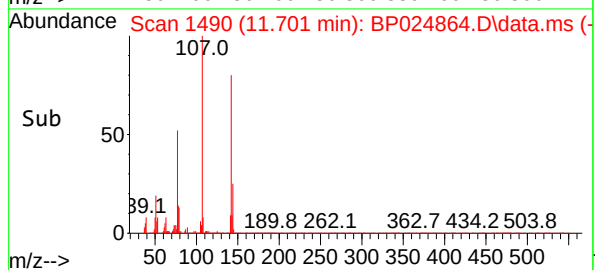
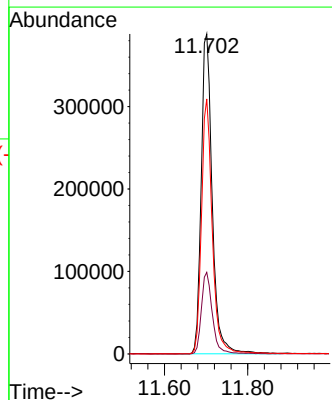
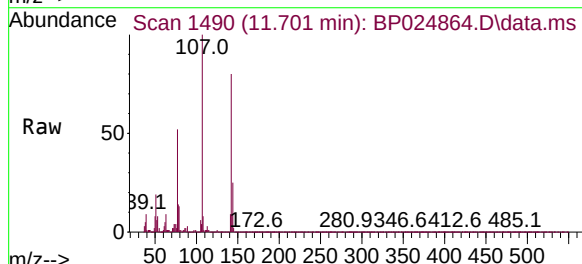
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

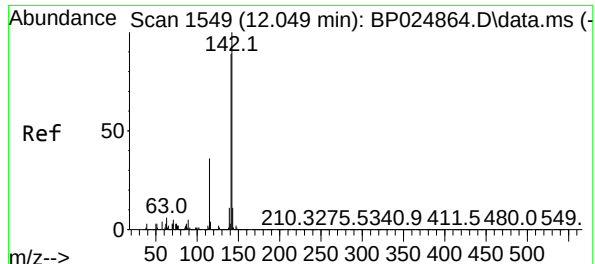
Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.5	132.5	172.5
56	116.0	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 39.885 ng
RT: 11.701 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.7	63.8	95.6

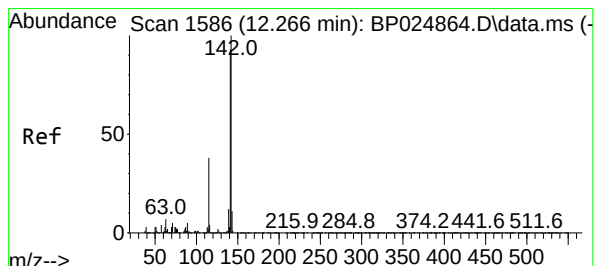
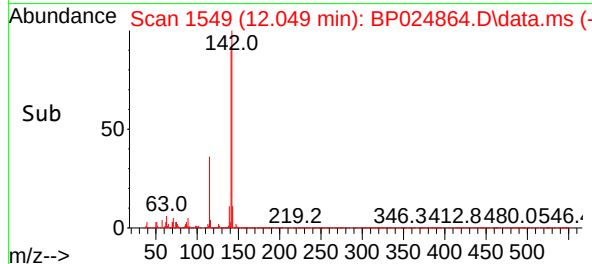
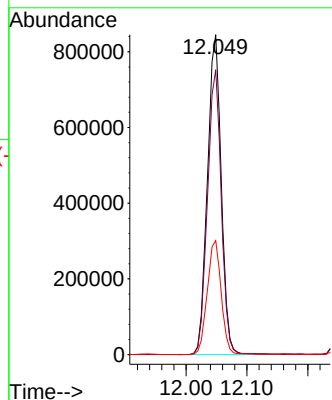
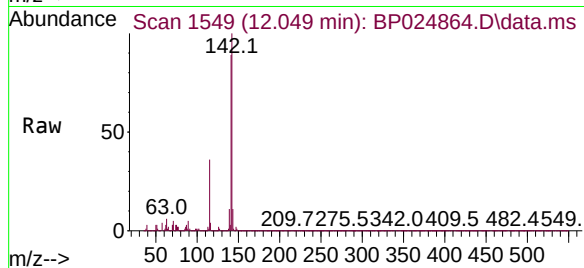




#37
2-Methylnaphthalene
Concen: 38.973 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

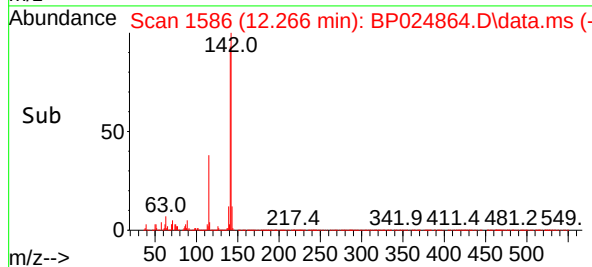
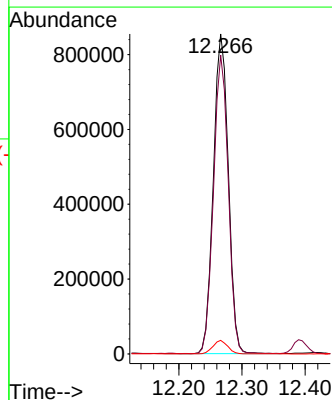
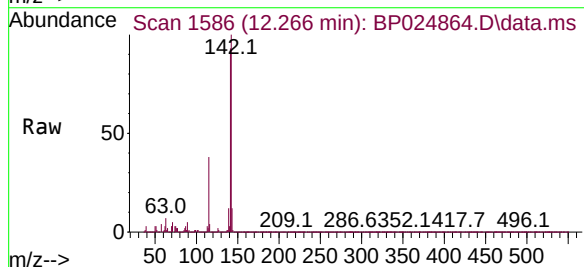
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

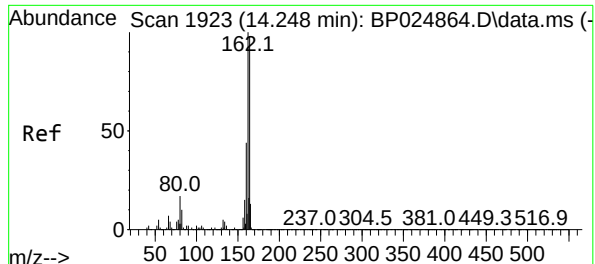
Tgt Ion:142 Resp: 1330251
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 35.6 28.5 42.7



#38
1-Methylnaphthalene
Concen: 38.606 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:142 Resp: 1408803
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.2 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

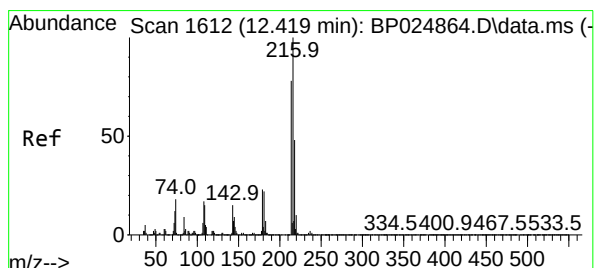
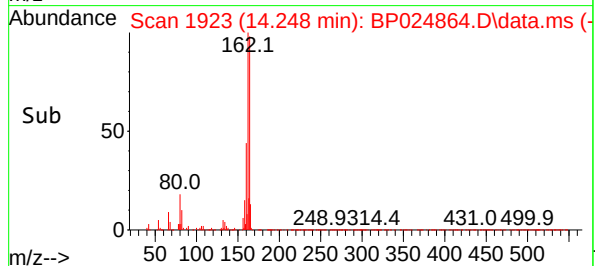
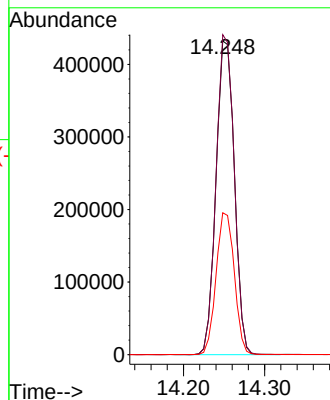
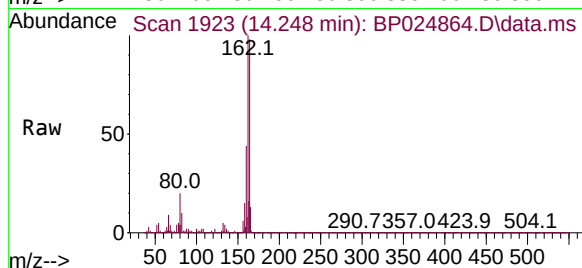
Tgt Ion:164 Resp: 679122

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 45.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.947 ng

RT: 12.419 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion:216 Resp: 731245

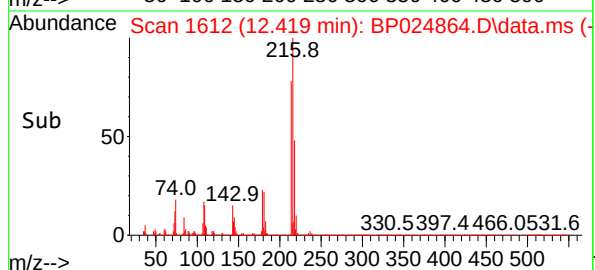
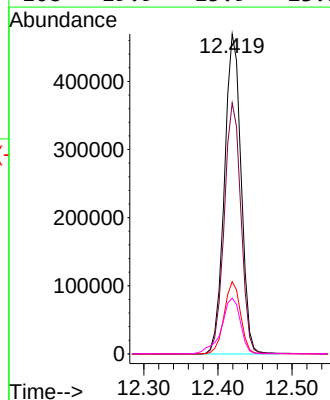
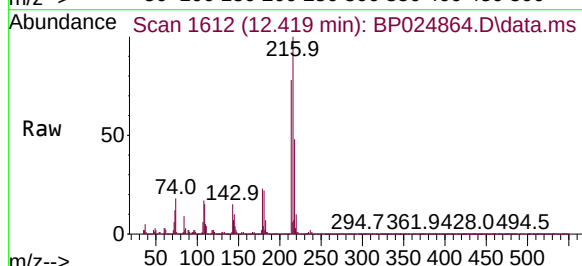
Ion Ratio Lower Upper

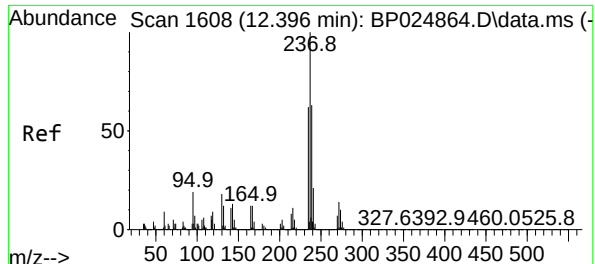
216 100

214 78.7 63.0 94.4

179 22.2 17.8 26.6

108 19.9 15.9 23.9

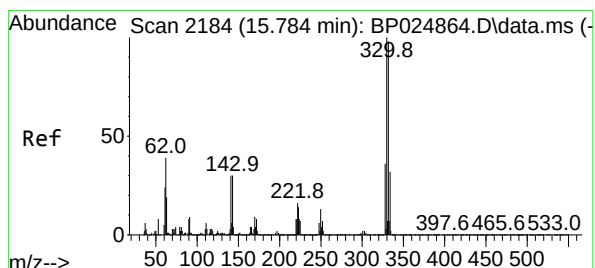
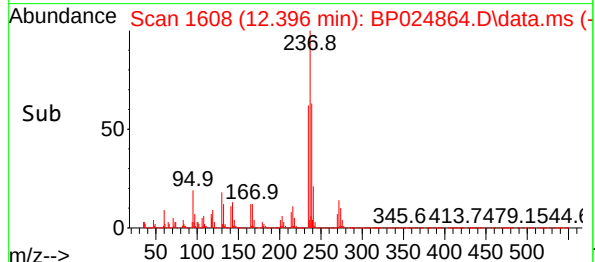
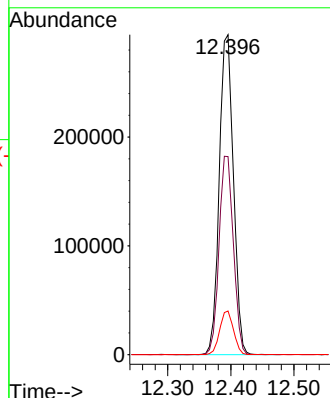
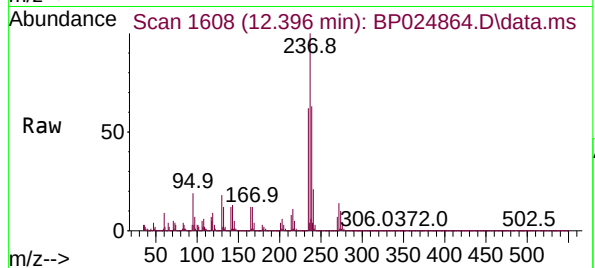




#41
Hexachlorocyclopentadiene
Concen: 38.901 ng
RT: 12.396 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

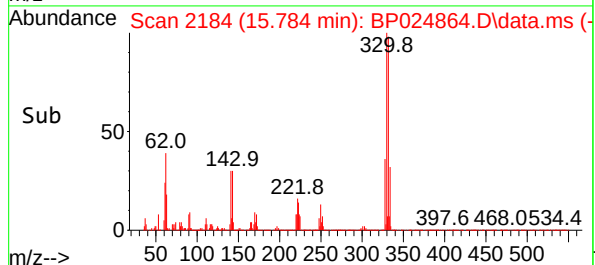
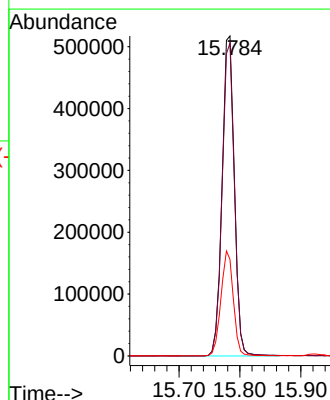
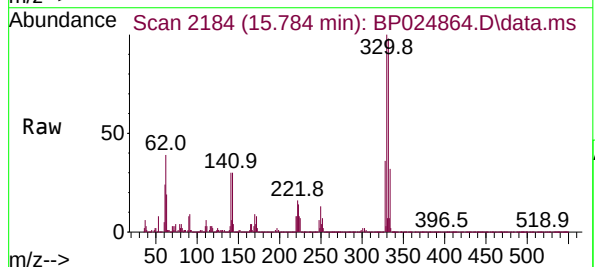
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

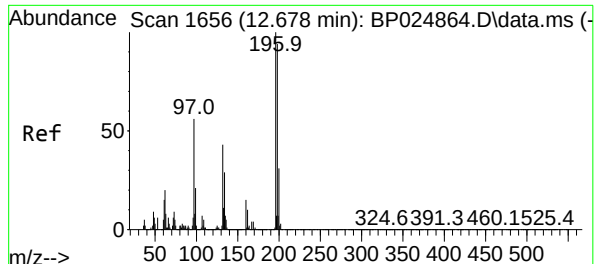
Tgt Ion:237 Resp: 457226
Ion Ratio Lower Upper
237 100
235 61.9 41.9 81.9
272 13.7 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 77.359 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:330 Resp: 726339
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 33.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.371 ng

RT: 12.678 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

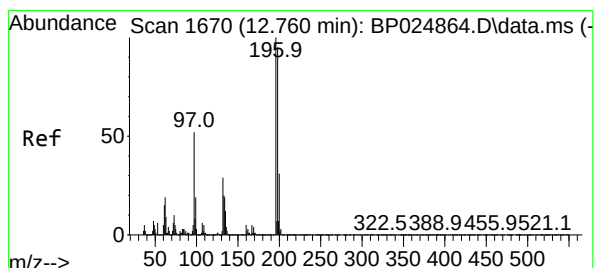
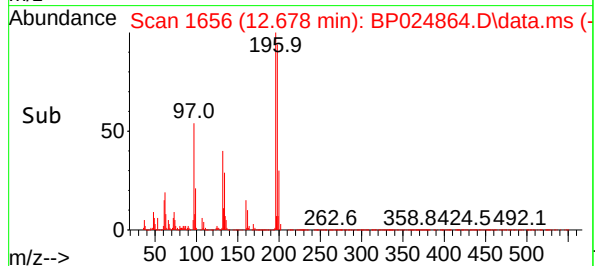
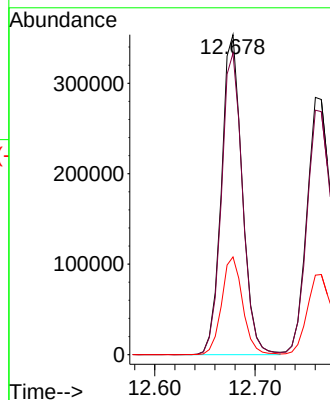
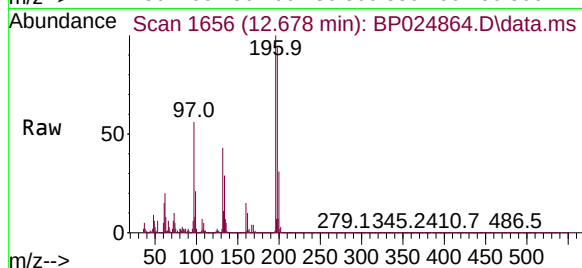
Tgt Ion:196 Resp: 509510

Ion Ratio Lower Upper

196 100

198 94.2 75.4 113.0

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.715 ng

RT: 12.760 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion:196 Resp: 550432

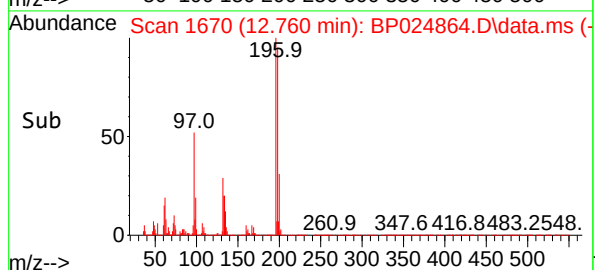
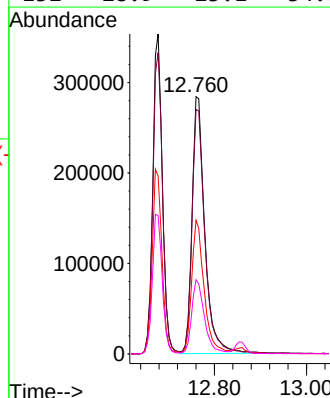
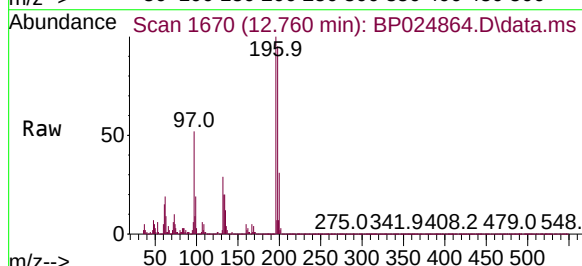
Ion Ratio Lower Upper

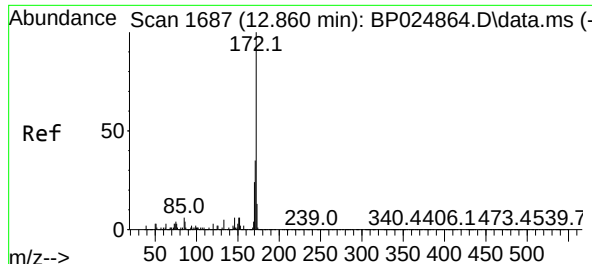
196 100

198 95.0 76.0 114.0

97 51.9 41.5 62.3

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 74.904 ng

RT: 12.860 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

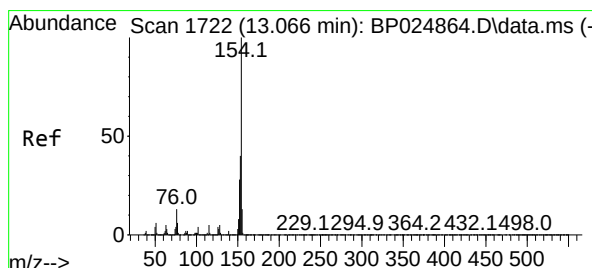
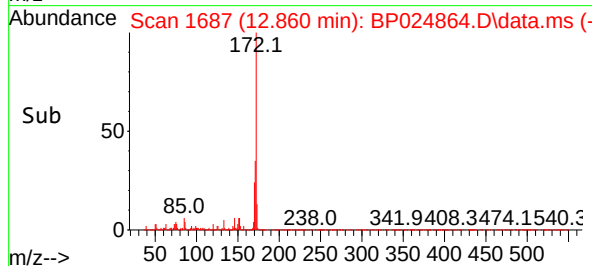
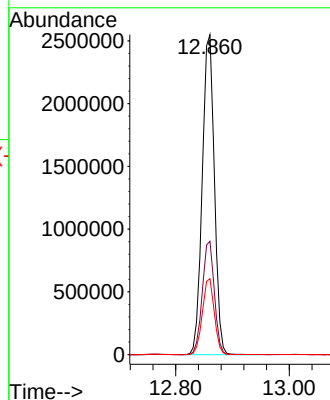
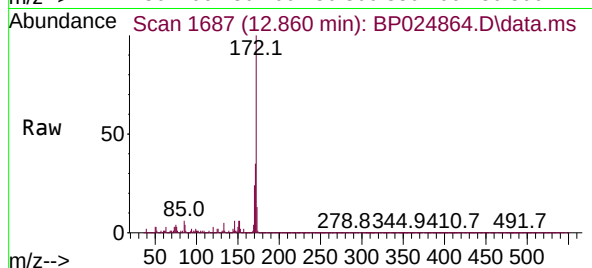
Tgt Ion:172 Resp: 3776115

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.137 ng

RT: 13.066 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

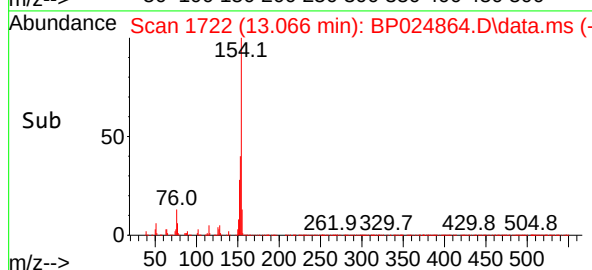
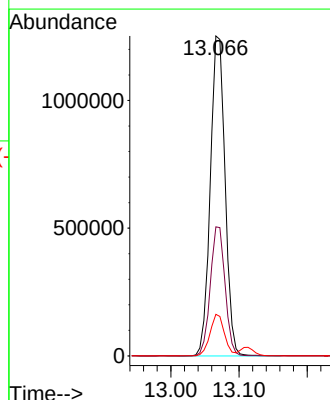
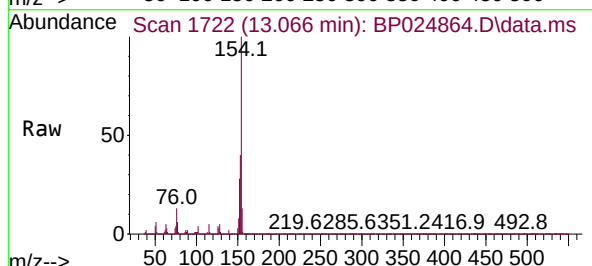
Tgt Ion:154 Resp: 1882196

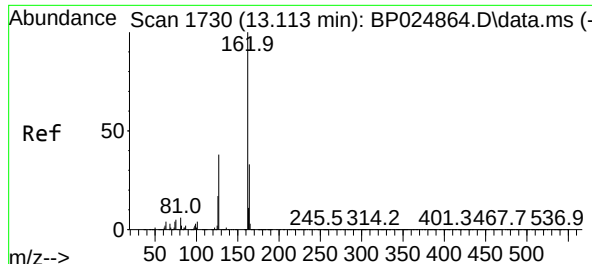
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.0 0.0 33.0





#47

2-Chloronaphthalene

Concen: 38.270 ng

RT: 13.113 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

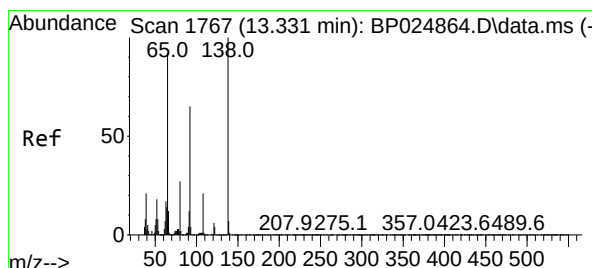
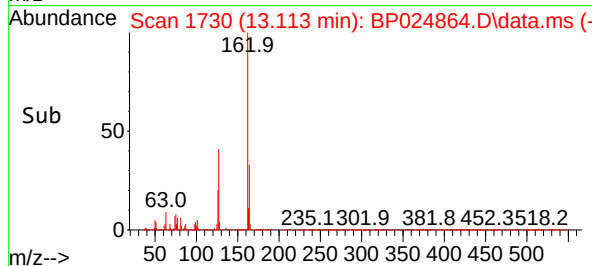
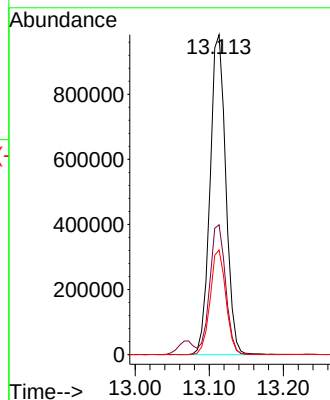
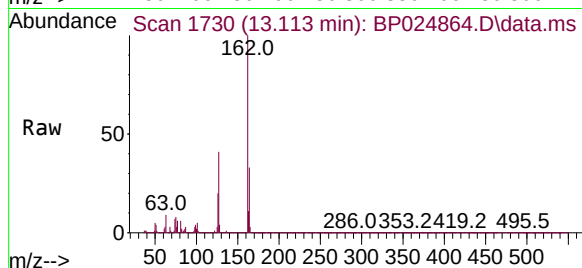
Tgt Ion:162 Resp: 1451679

Ion Ratio Lower Upper

162 100

127 40.6 32.5 48.7

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 40.328 ng

RT: 13.331 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

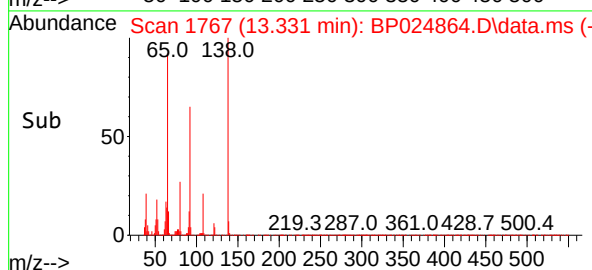
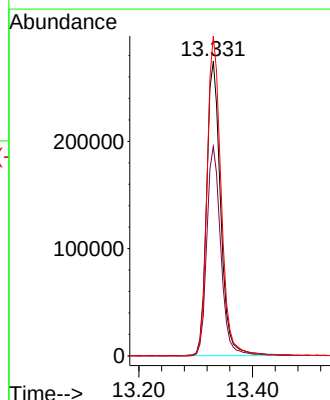
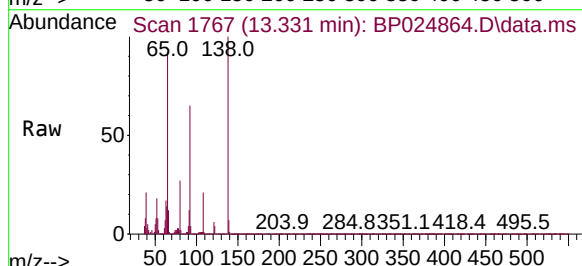
Tgt Ion: 65 Resp: 470289

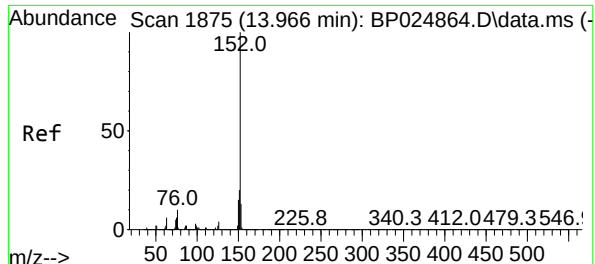
Ion Ratio Lower Upper

65 100

92 71.0 56.8 85.2

138 108.6 86.9 130.3





#49

Acenaphthylene

Concen: 37.959 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

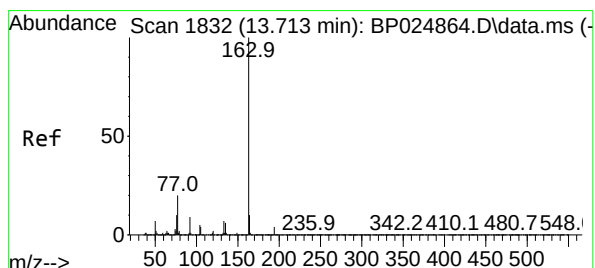
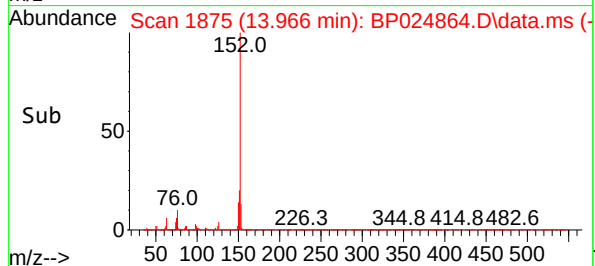
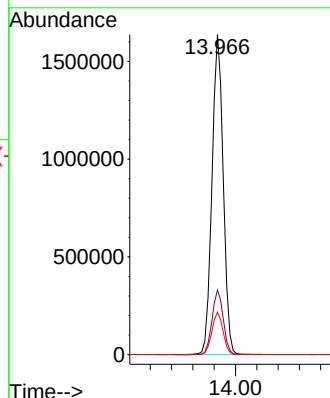
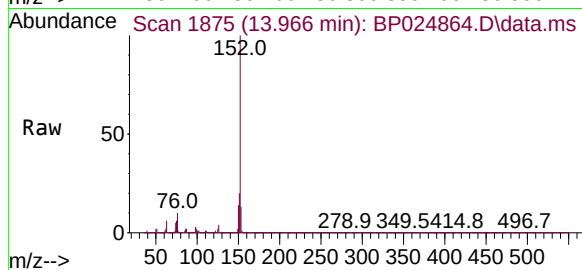
Tgt Ion:152 Resp: 2400804

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 37.969 ng

RT: 13.713 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

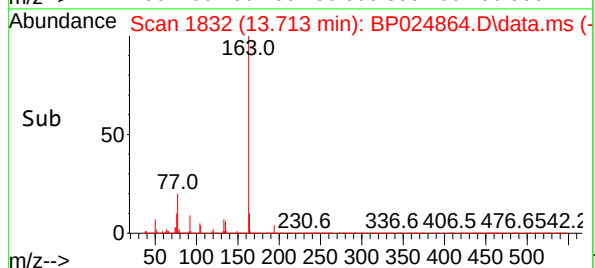
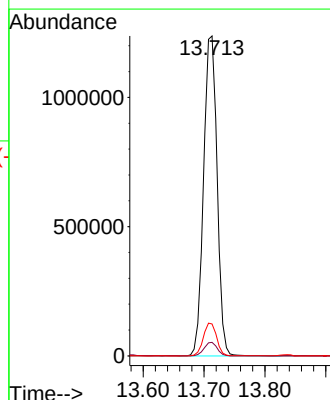
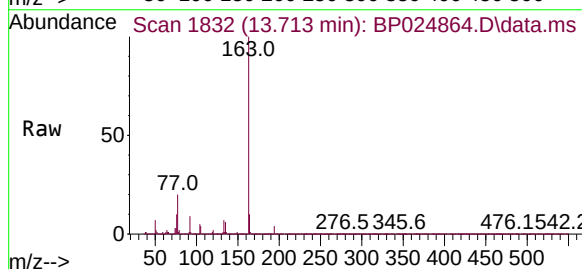
Tgt Ion:163 Resp: 1902136

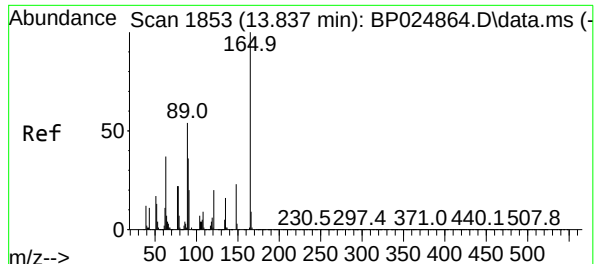
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0

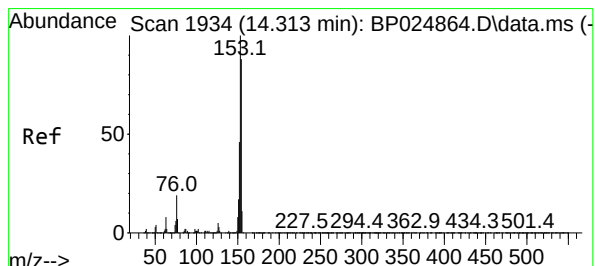
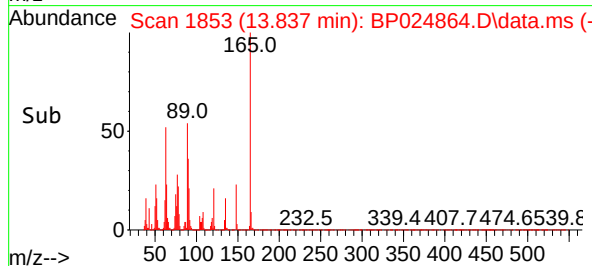
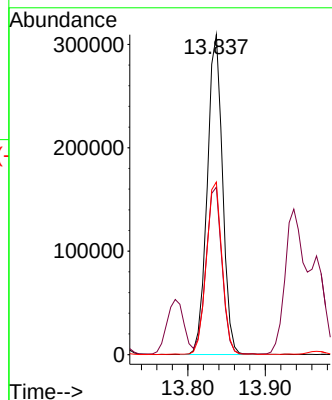
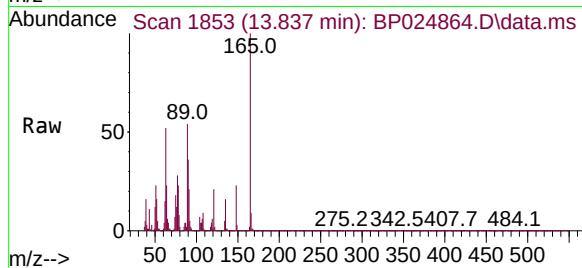




#51
2,6-Dinitrotoluene
Concen: 39.280 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

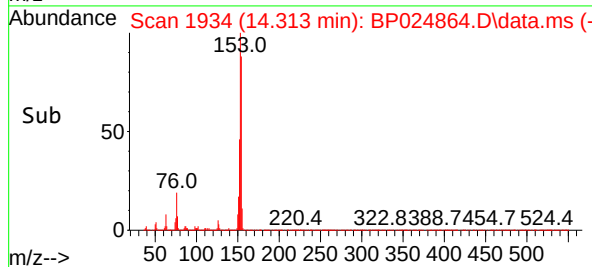
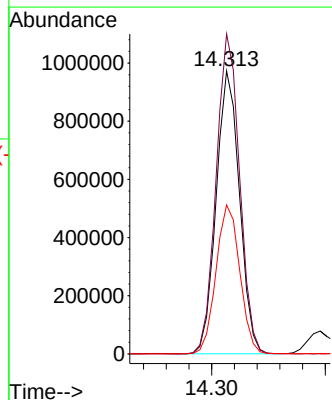
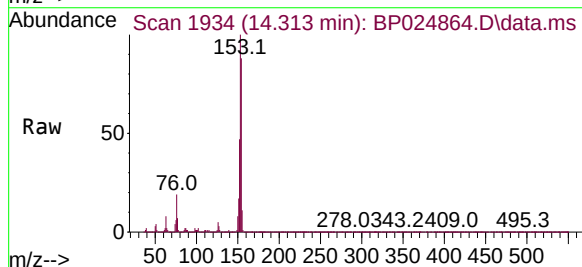
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

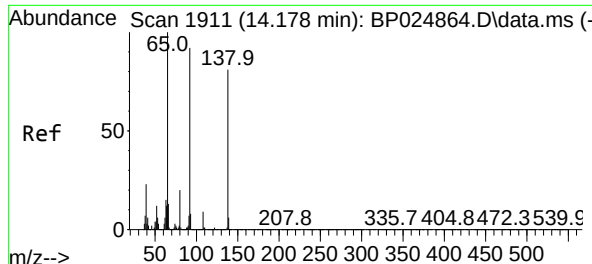
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.3	41.8	62.8
89	53.9	43.1	64.7



#52
Acenaphthene
Concen: 38.243 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	52.6	42.1	63.1

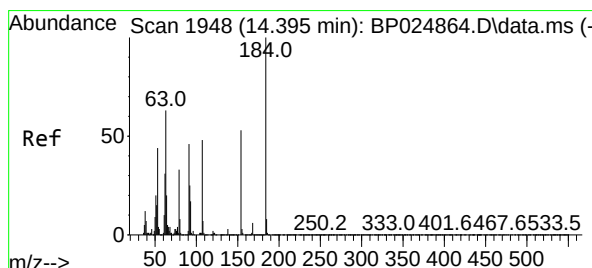
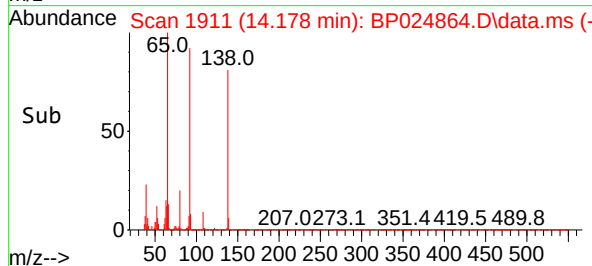
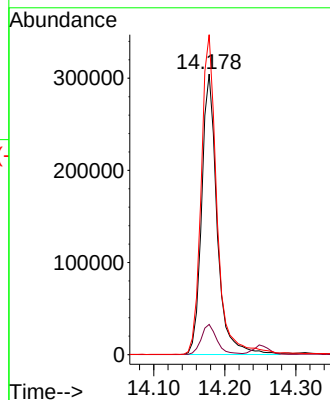
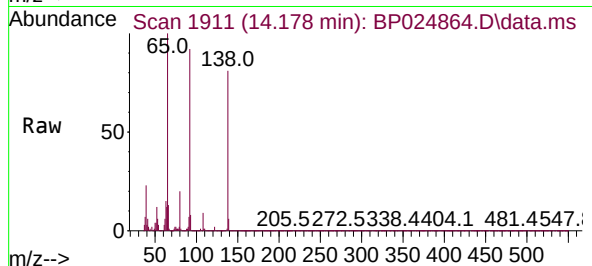




#53
3-Nitroaniline
Concen: 40.971 ng
RT: 14.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

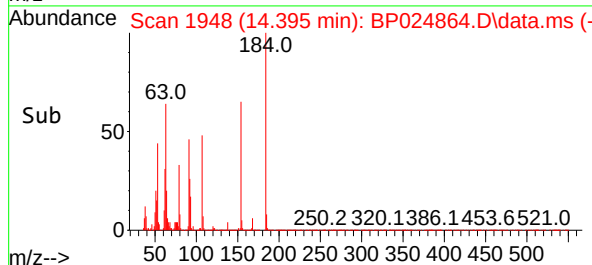
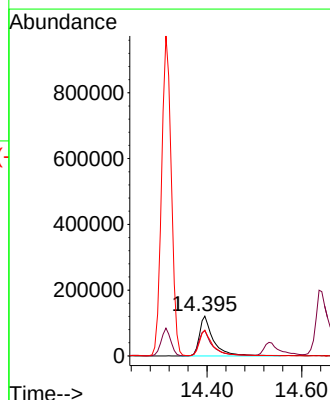
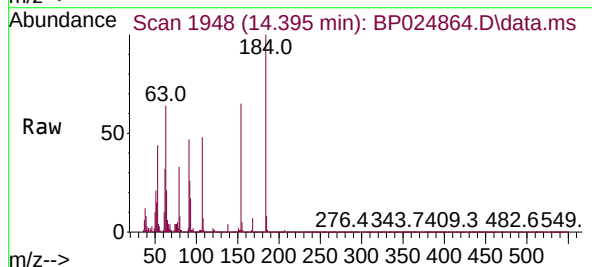
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

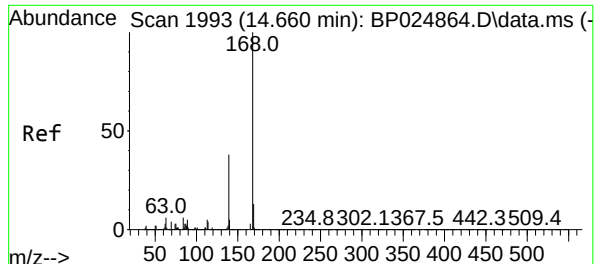
Tgt Ion:138 Resp: 459200
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 114.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 37.658 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:184 Resp: 242575
Ion Ratio Lower Upper
184 100
63 63.7 51.0 76.4
154 64.6 51.7 77.5

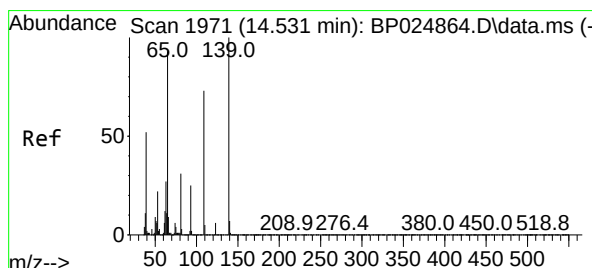
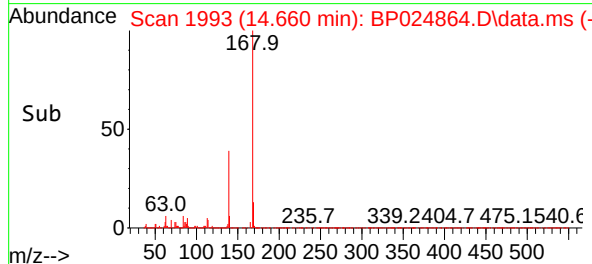
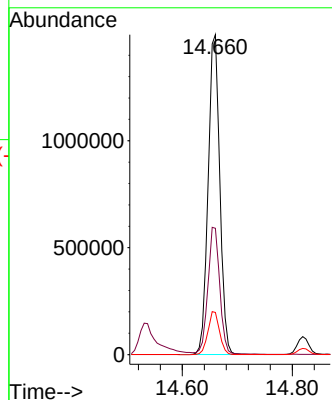
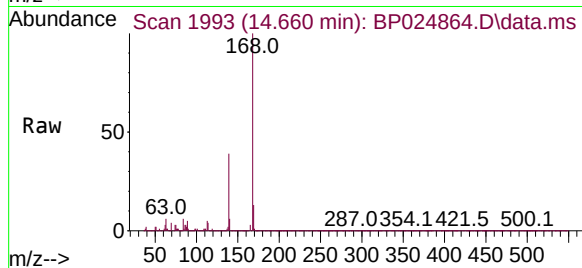




#55
Dibenzofuran
Concen: 37.980 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

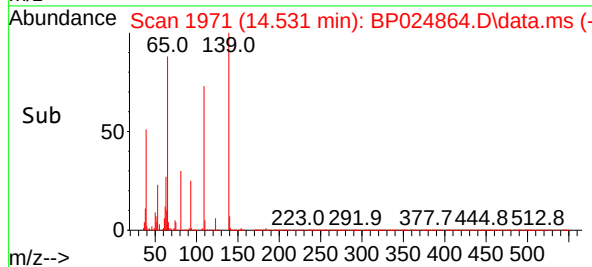
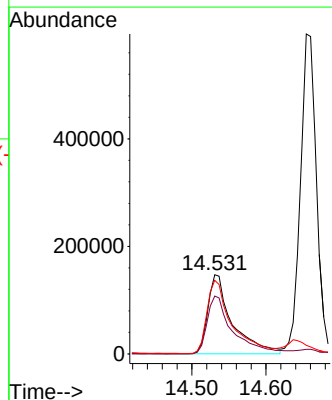
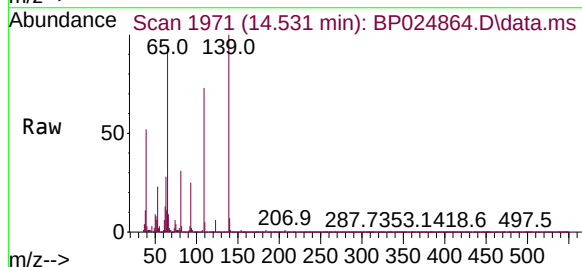
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

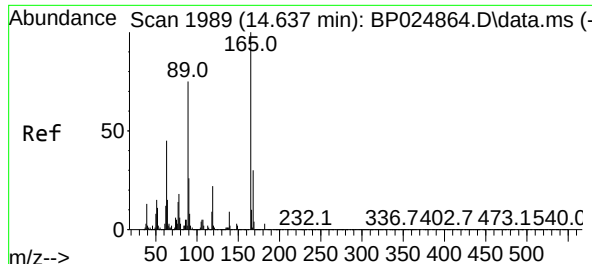
Tgt Ion:168 Resp: 2209494
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 38.472 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:139 Resp: 336462
Ion Ratio Lower Upper
139 100
109 73.1 53.1 93.1
65 93.0 73.0 113.0

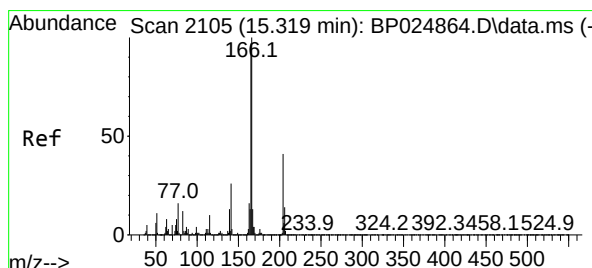
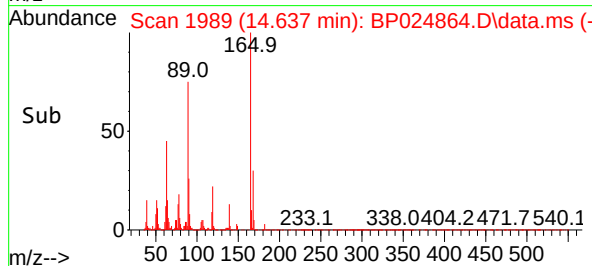
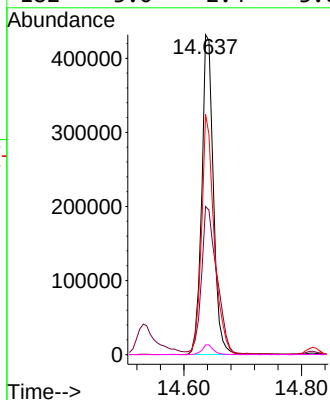
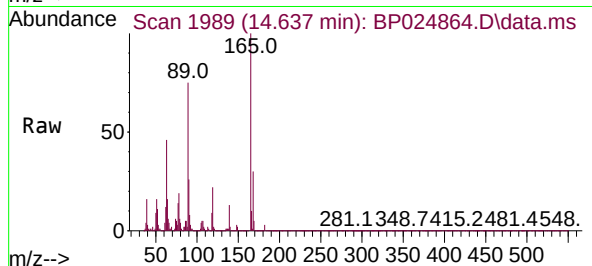




#57
2,4-Dinitrotoluene
Concen: 39.287 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

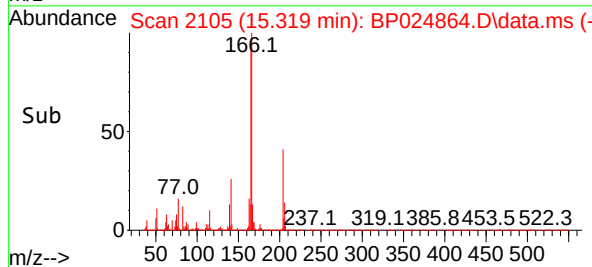
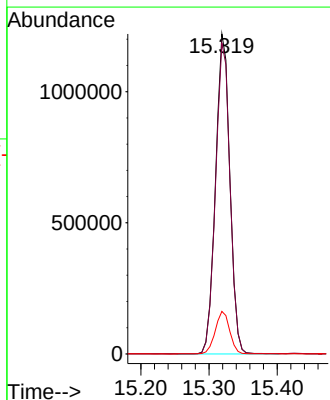
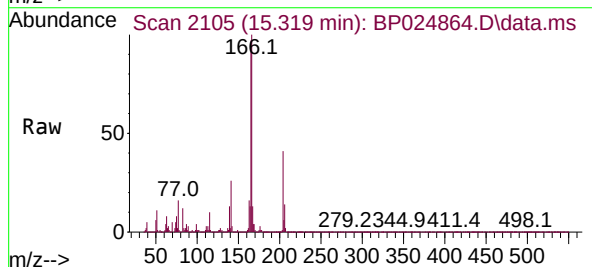
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

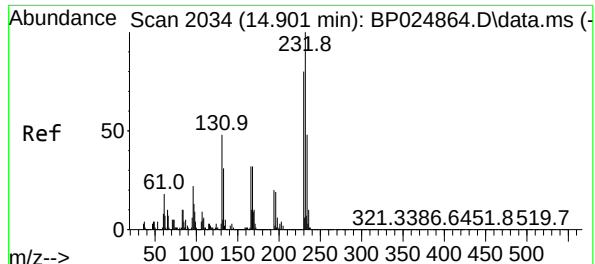
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	37.0	55.6
89	75.1	60.1	90.1
182	3.0	2.4	3.6



#58
Fluorene
Concen: 37.692 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.3	10.6	16.0

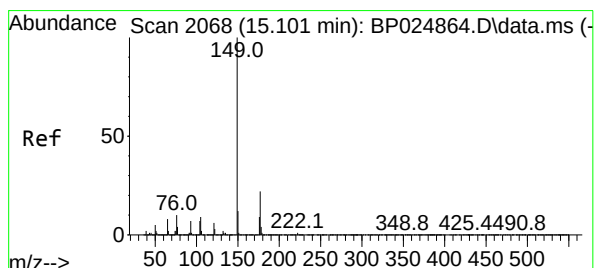
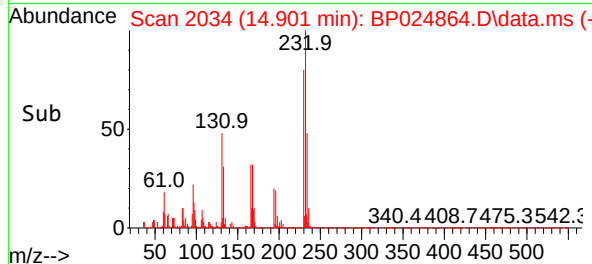
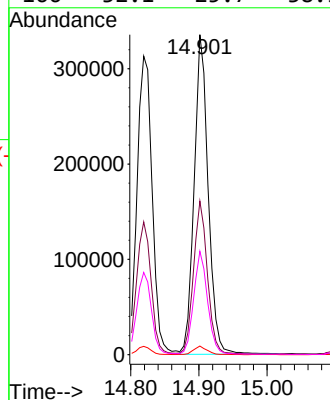
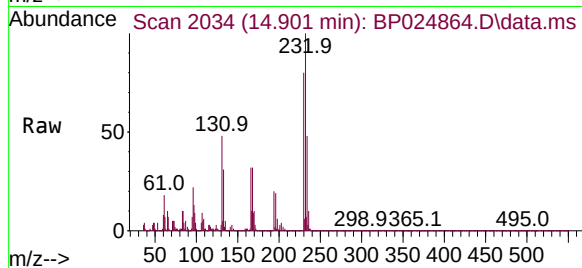




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.773 ng
RT: 14.901 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

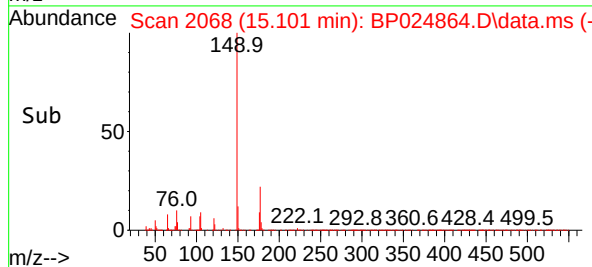
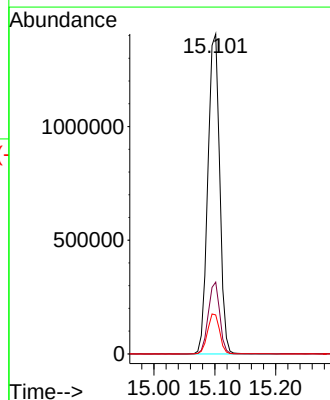
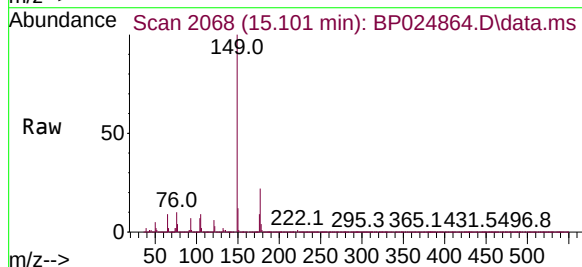
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

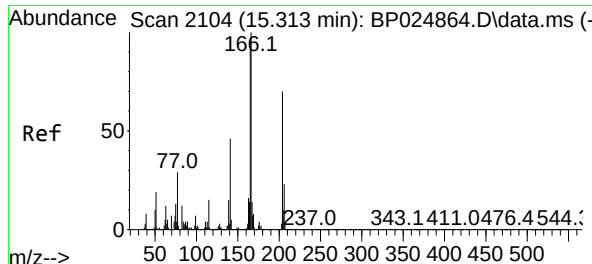
Tgt Ion:	232	Resp:	480983
Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.2	57.2
130	2.6	2.1	3.1
166	32.1	25.7	38.5



#60
Diethylphthalate
Concen: 37.885 ng
RT: 15.101 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:	149	Resp:	1891525
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.2	9.8	14.6

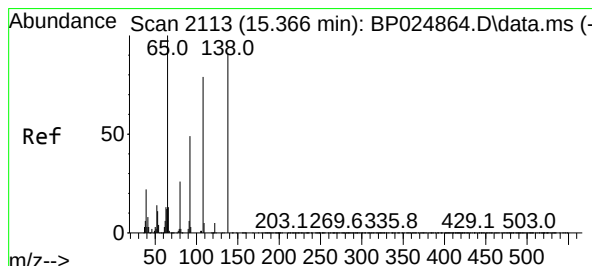
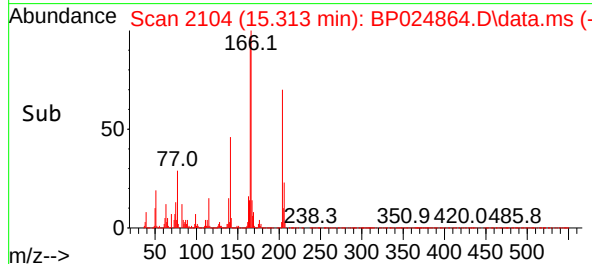
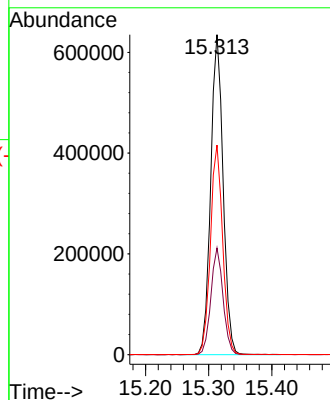
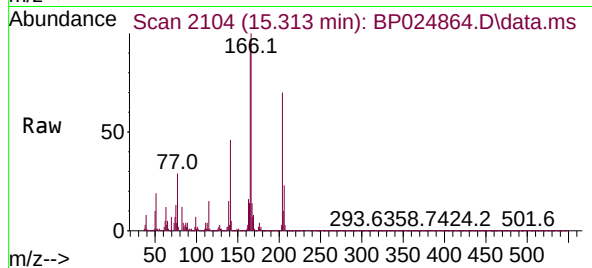




#61
4-Chlorophenyl-phenylether
Concen: 37.629 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

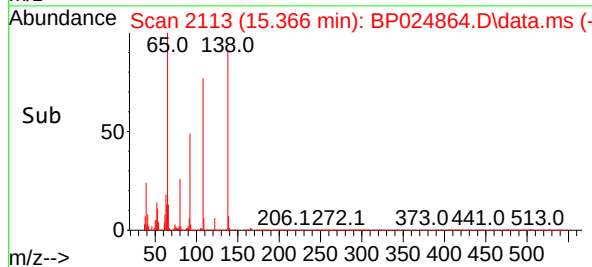
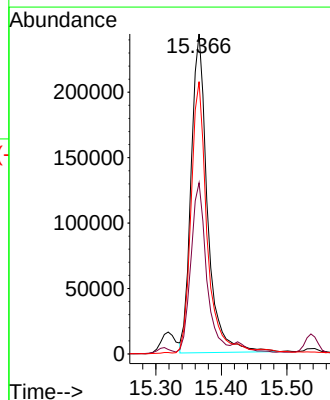
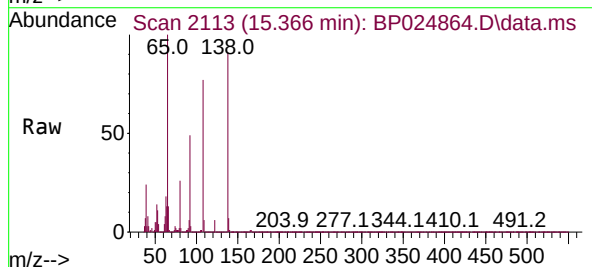
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

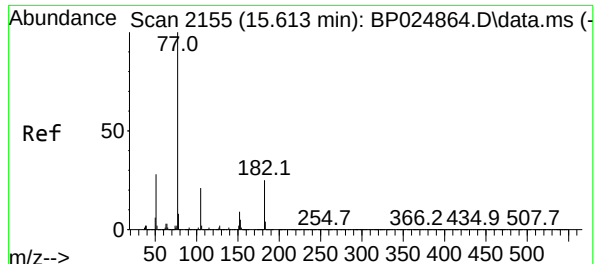
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	65.5	52.4	78.6



#62
4-Nitroaniline
Concen: 41.533 ng
RT: 15.366 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	33.5	73.5
108	85.1	65.1	105.1

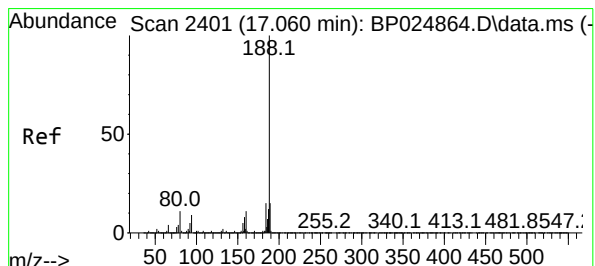
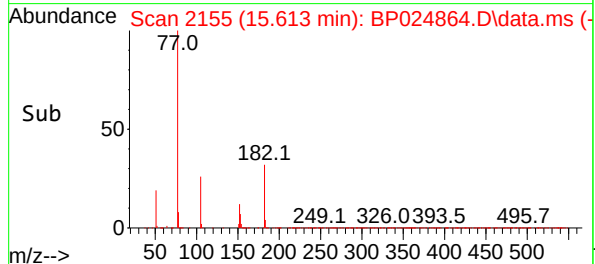
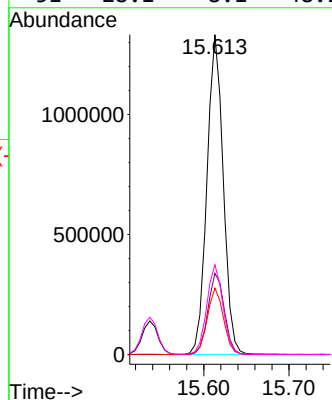
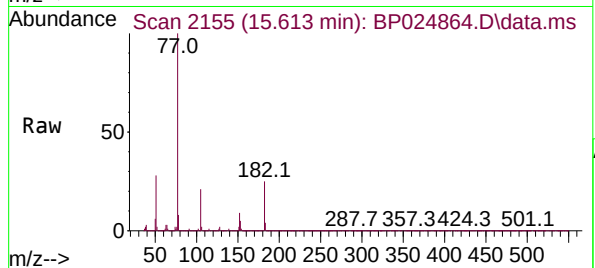




#63
Azobenzene
Concen: 38.557 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

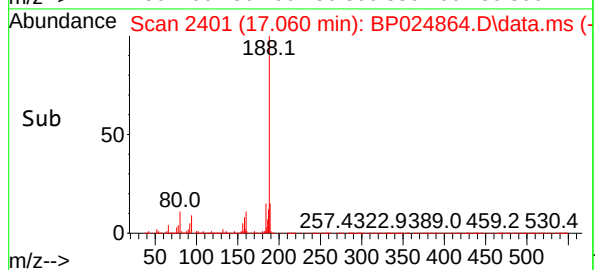
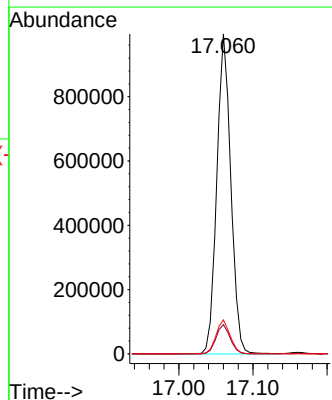
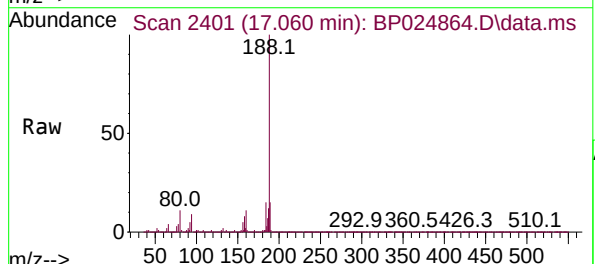
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

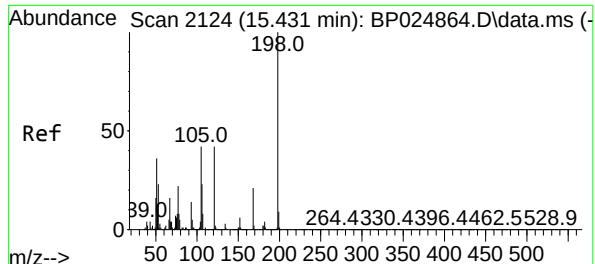
Tgt Ion: 77 Resp: 1765553
Ion Ratio Lower Upper
77 100
182 25.4 5.4 45.4
105 20.8 0.8 40.8
51 28.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 188 Resp: 1306481
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.6 8.5 12.7

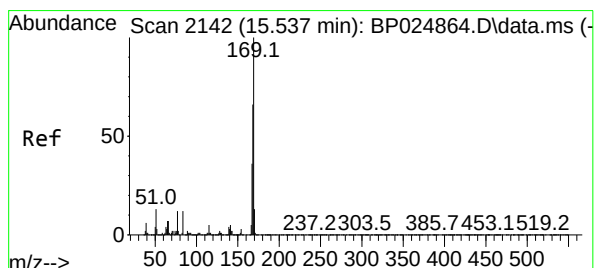
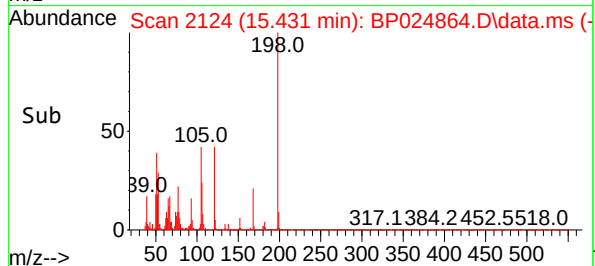
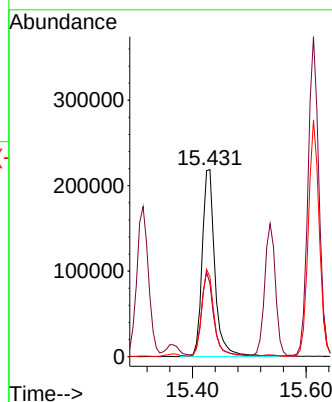
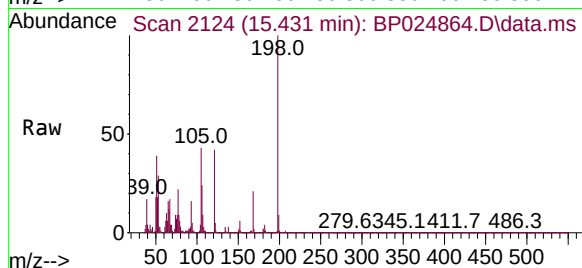




#65
4,6-Dinitro-2-methylphenol
Concen: 39.602 ng
RT: 15.431 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

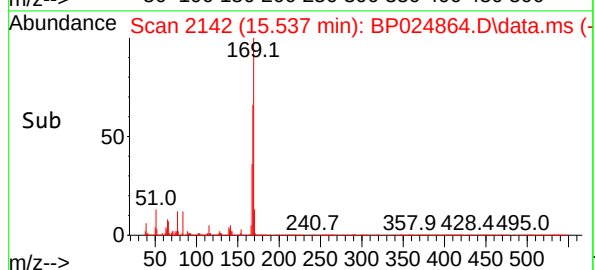
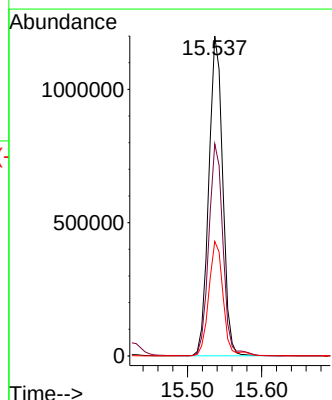
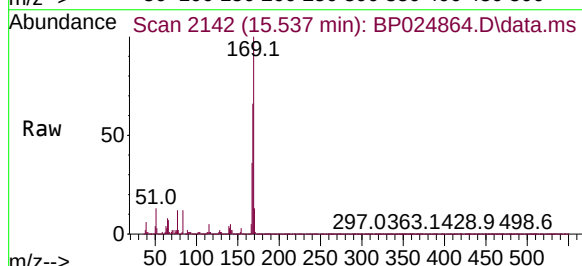
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

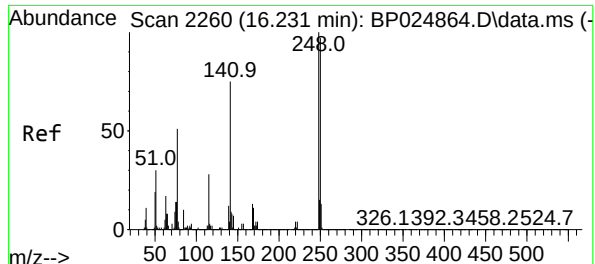
Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.2	19.2	59.2
105	42.6	22.6	62.6



#66
n-Nitrosodiphenylamine
Concen: 38.517 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	35.8	28.6	43.0

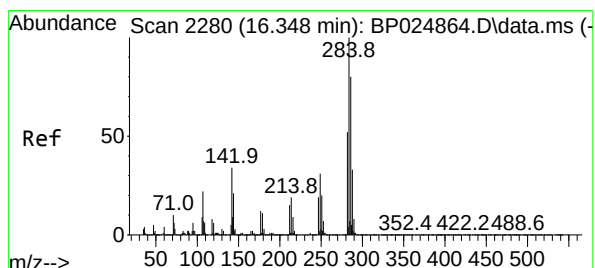
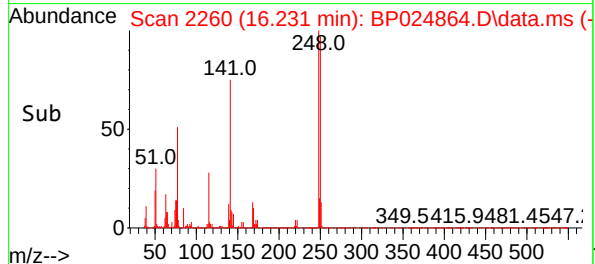
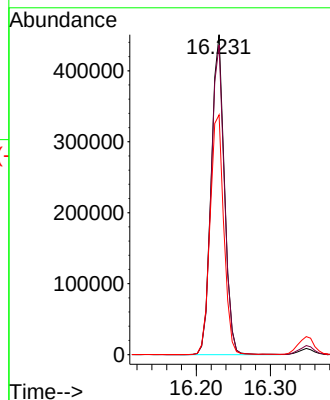
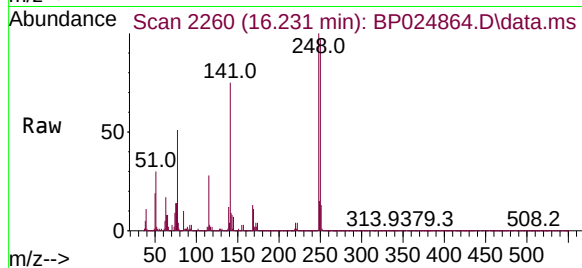




#67
4-Bromophenyl-phenylether
Concen: 37.758 ng
RT: 16.231 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

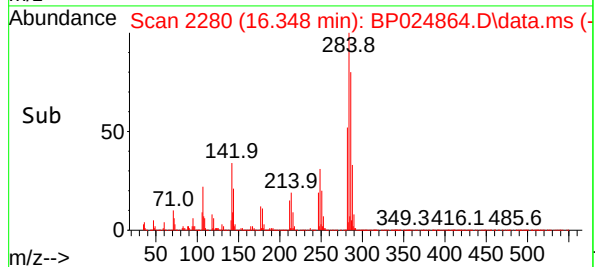
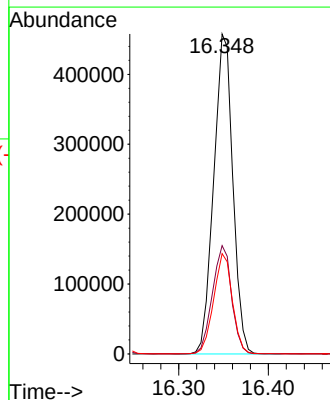
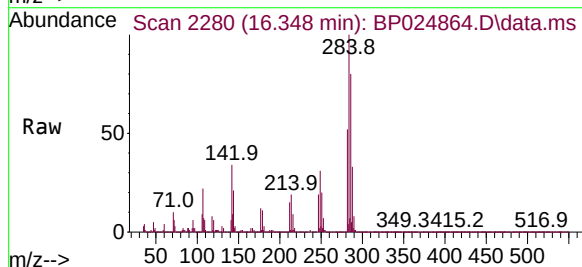
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

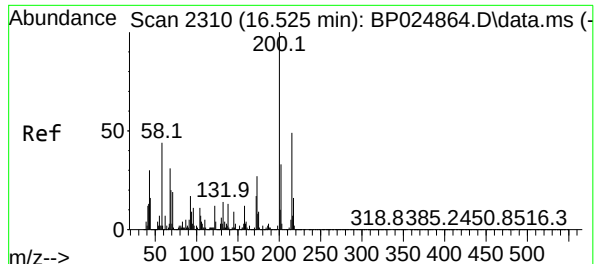
Tgt Ion:248 Resp: 556600
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 74.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 38.085 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:284 Resp: 680613
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 38.691 ng

RT: 16.525 min Scan# 2310

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

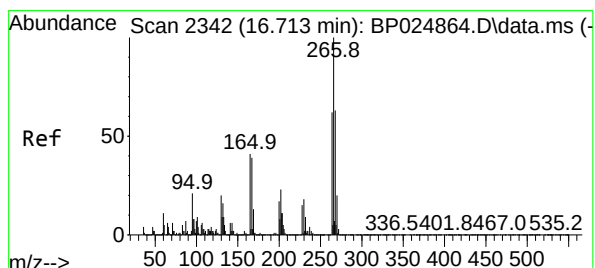
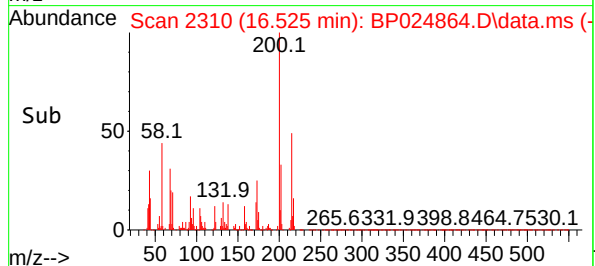
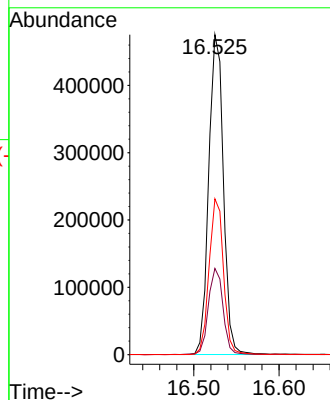
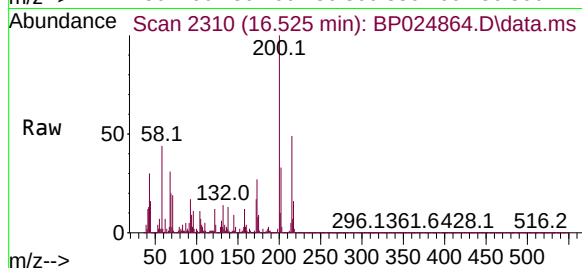
Tgt Ion:200 Resp: 567988

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 39.157 ng

RT: 16.713 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

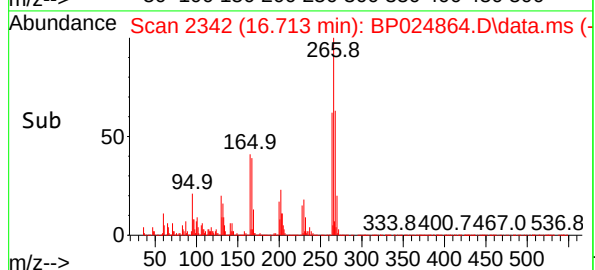
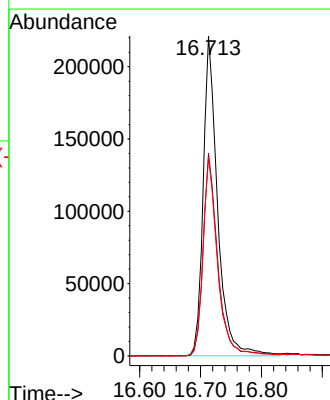
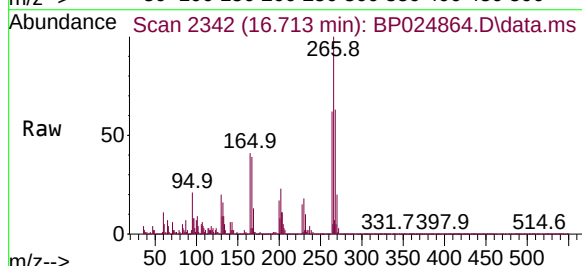
Tgt Ion:266 Resp: 362165

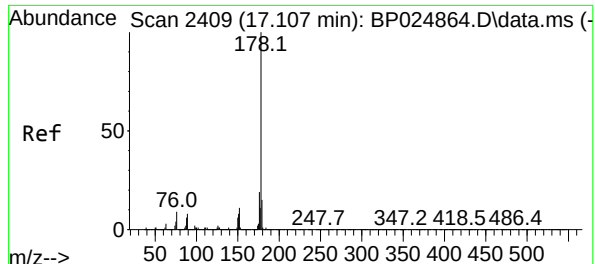
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 62.1 49.7 74.5

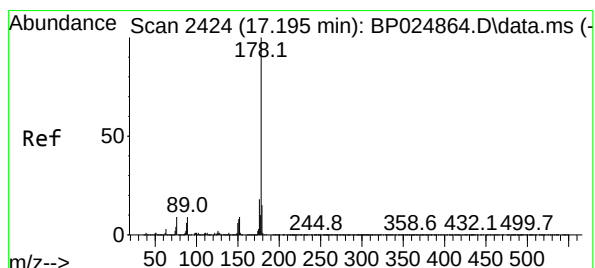
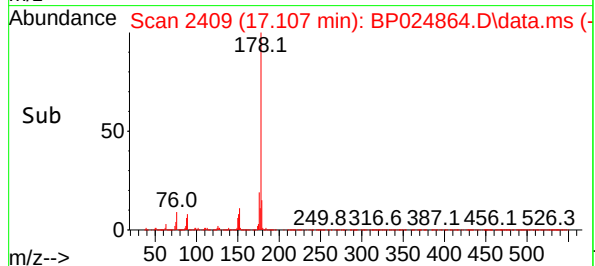
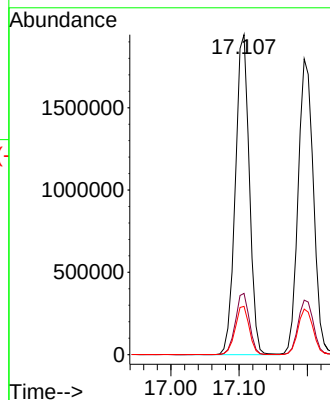
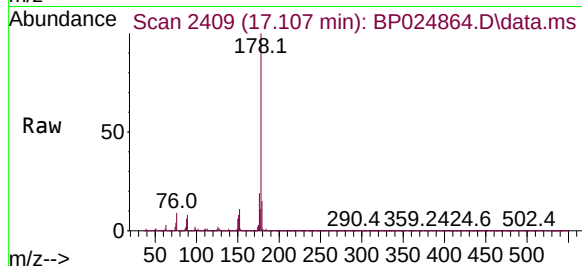




#71
Phenanthrene
Concen: 38.231 ng
RT: 17.107 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

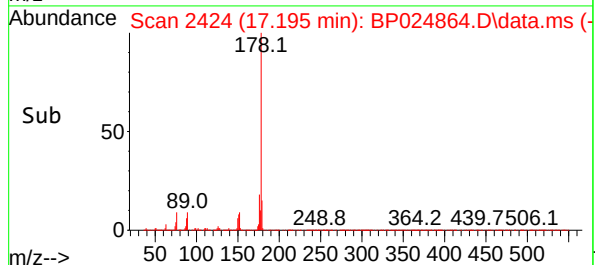
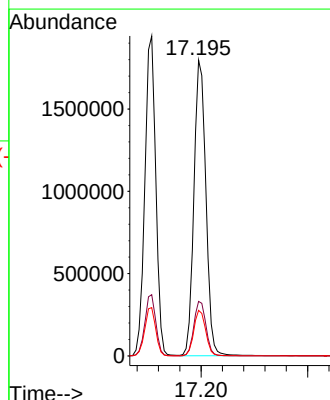
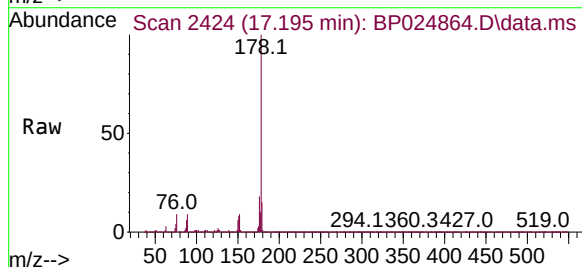
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

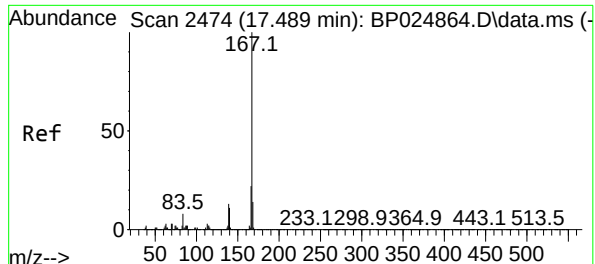
Tgt Ion:178 Resp: 2760162
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.1 18.1



#72
Anthracene
Concen: 38.291 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:178 Resp: 2799870
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.3 18.5

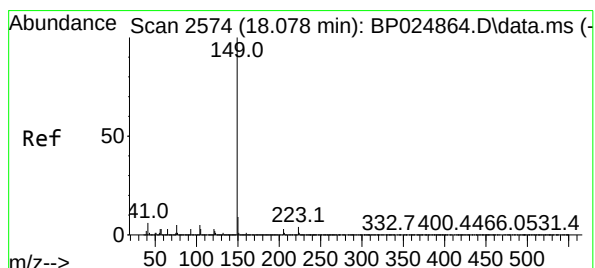
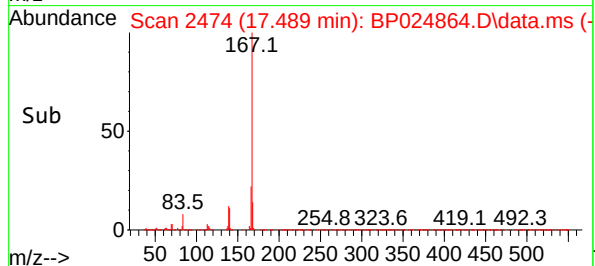
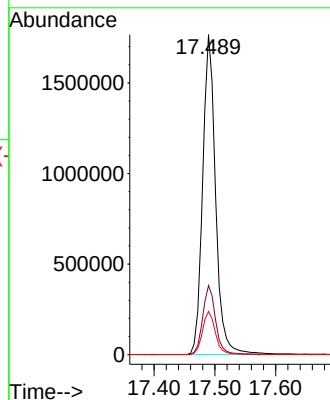
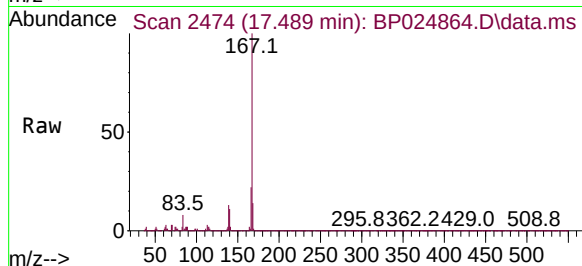




#73
Carbazole
Concen: 38.474 ng
RT: 17.489 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

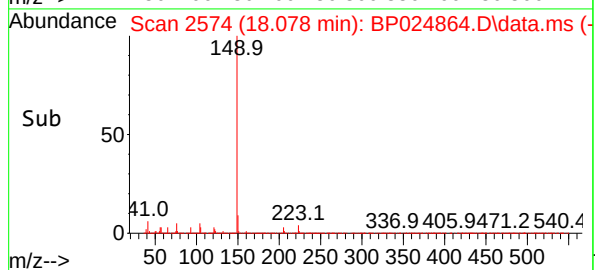
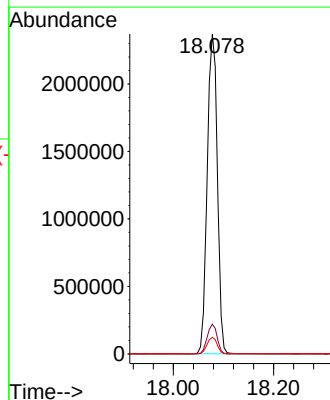
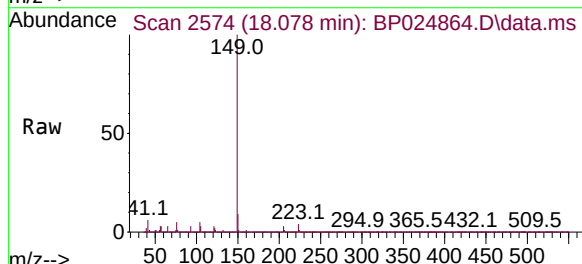
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

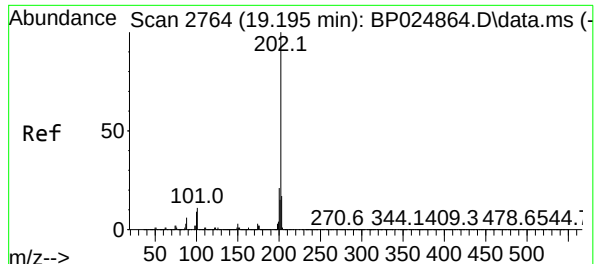
Tgt Ion:167 Resp: 2607544
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.5 10.8 16.2



#74
Di-n-butylphthalate
Concen: 39.589 ng
RT: 18.078 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 3324411
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.2 4.2 6.2

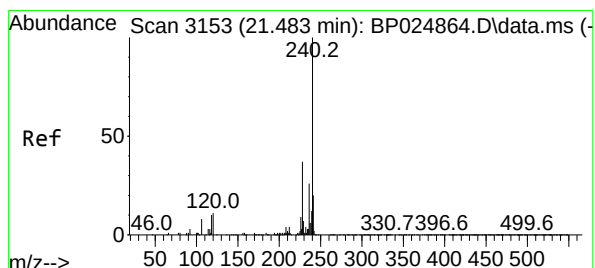
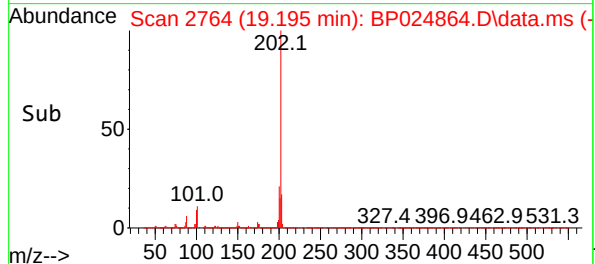
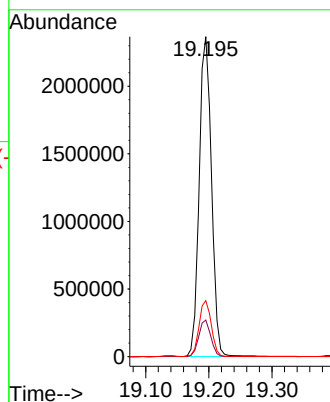
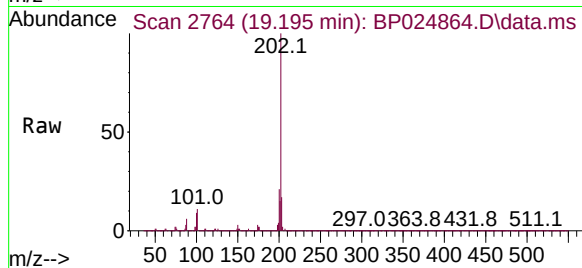




#75
Fluoranthene
Concen: 38.177 ng
RT: 19.195 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

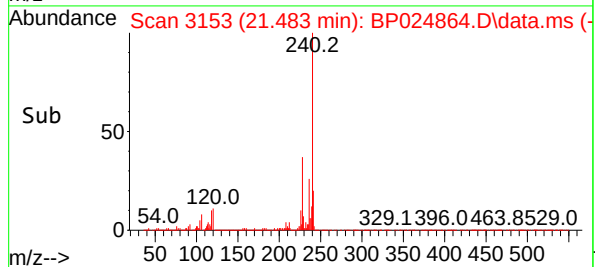
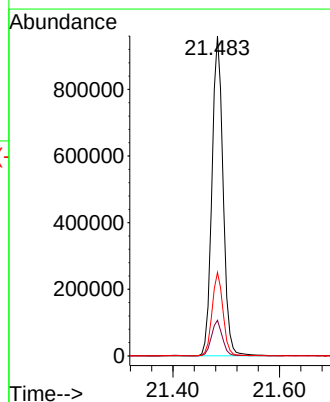
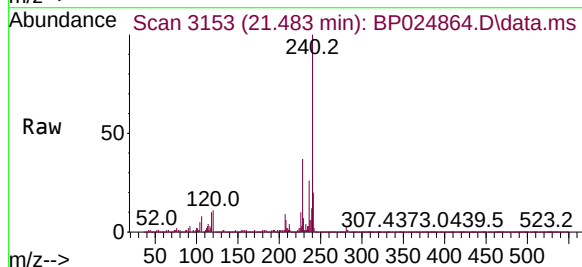
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

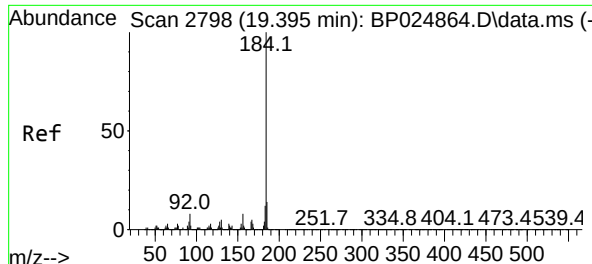
Tgt Ion:202 Resp: 3194654
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:240 Resp: 1397384
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.1 20.9 31.3

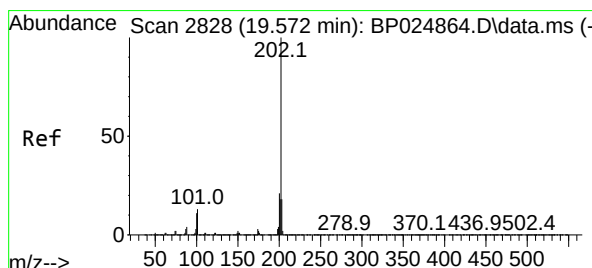
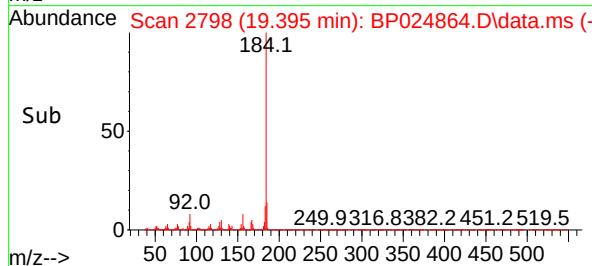
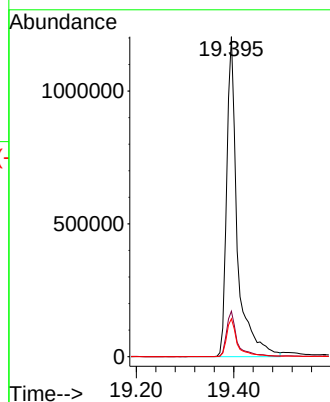
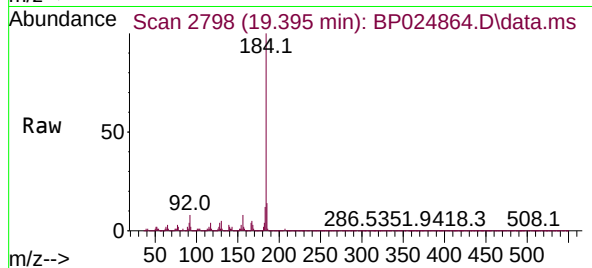




#77
Benzidine
Concen: 42.168 ng
RT: 19.395 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

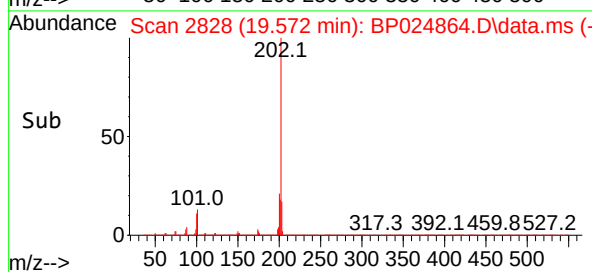
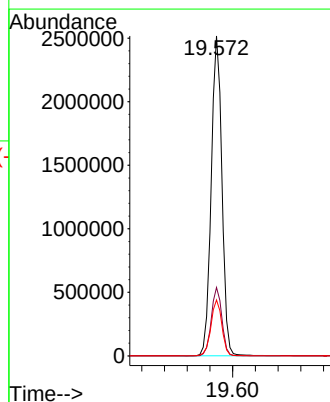
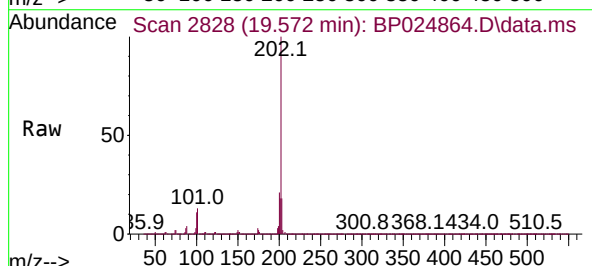
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

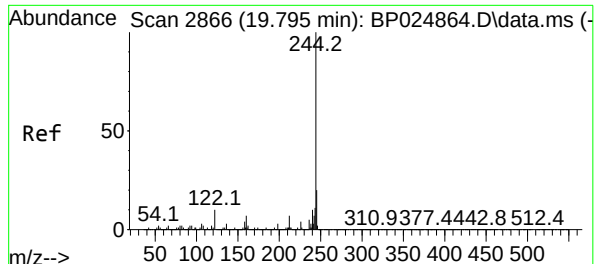
Tgt Ion:184 Resp: 1825007
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 37.906 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:202 Resp: 3309259
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.0 21.0

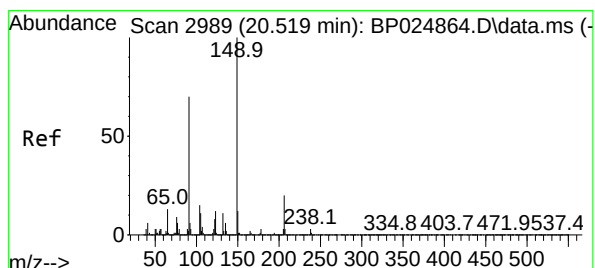
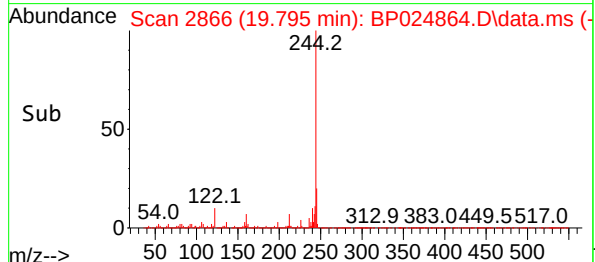
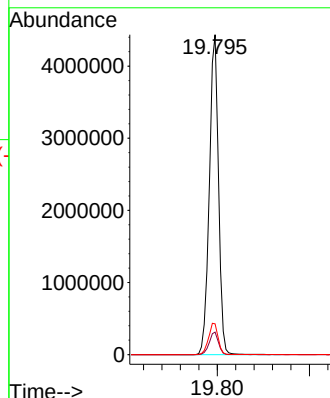
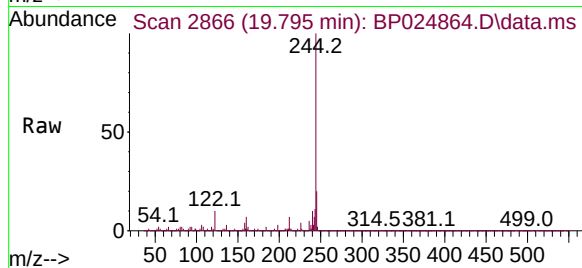




#79
Terphenyl-d14
Concen: 78.103 ng
RT: 19.795 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

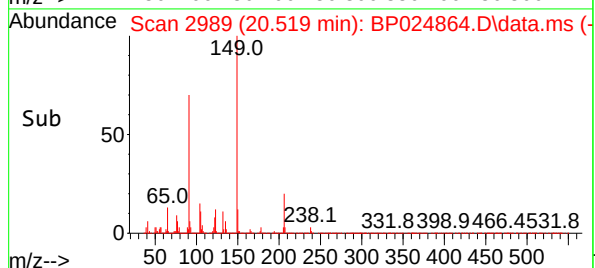
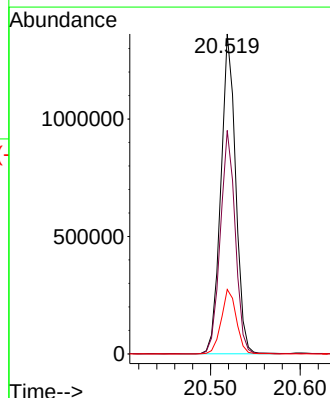
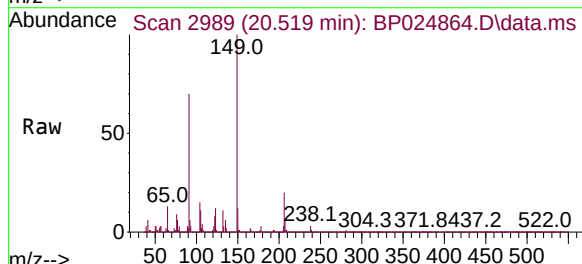
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

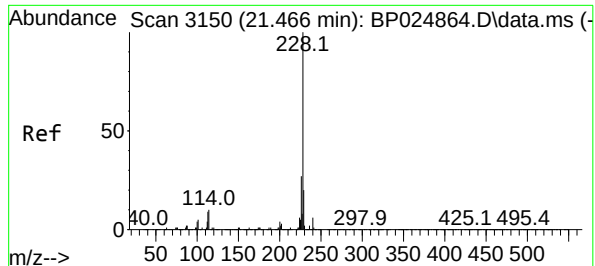
Tgt Ion:244 Resp: 6089552
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.6 7.7 11.5



#80
Butylbenzylphthalate
Concen: 39.243 ng
RT: 20.519 min Scan# 2989
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 1569262
Ion Ratio Lower Upper
149 100
91 69.8 55.8 83.8
206 20.2 16.2 24.2

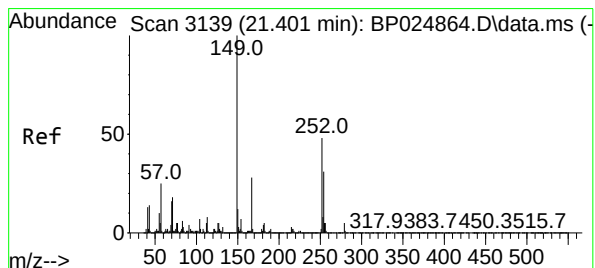
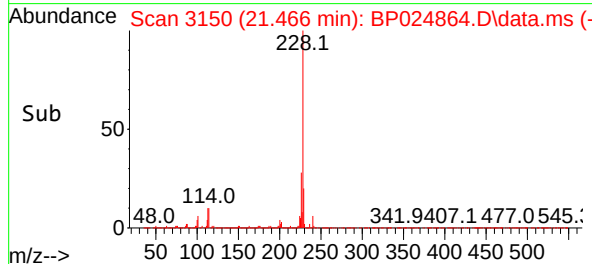
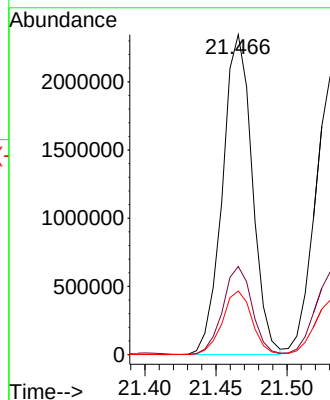
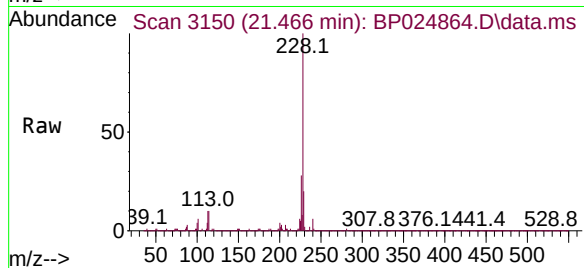




#81
Benzo(a)anthracene
Concen: 38.131 ng
RT: 21.466 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

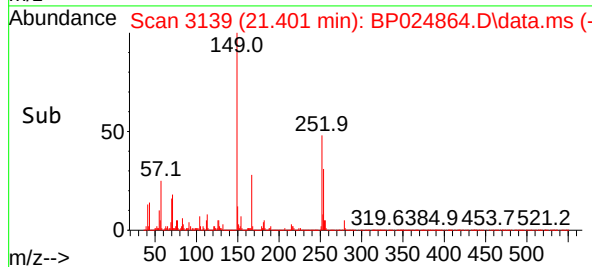
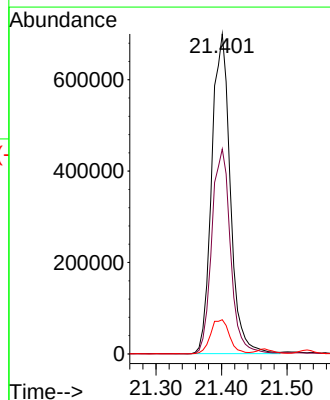
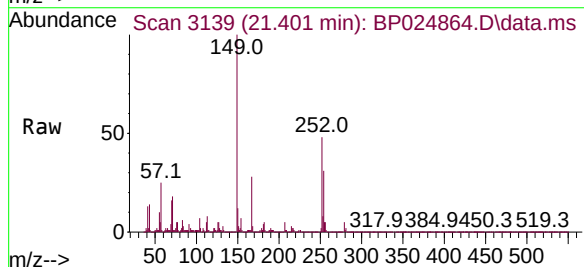
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

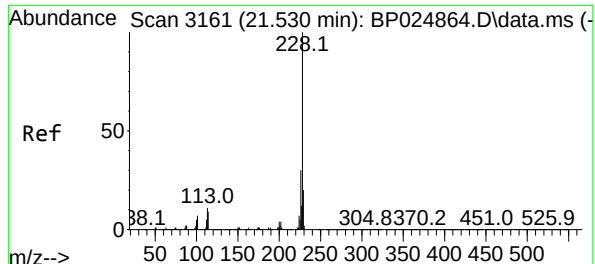
Tgt Ion:228 Resp: 3407877
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.820 ng
RT: 21.401 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:252 Resp: 1377414
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 10.7 8.6 12.8





#83

Chrysene

Concen: 37.748 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

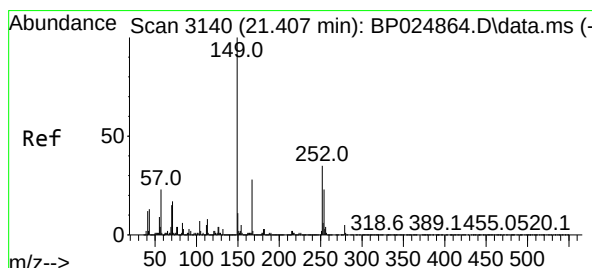
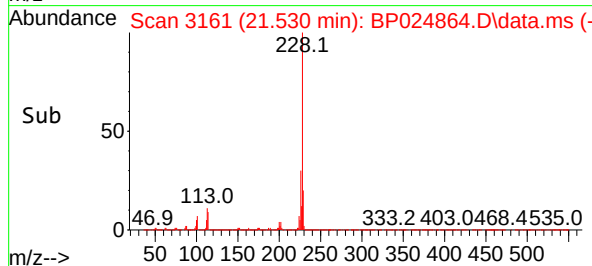
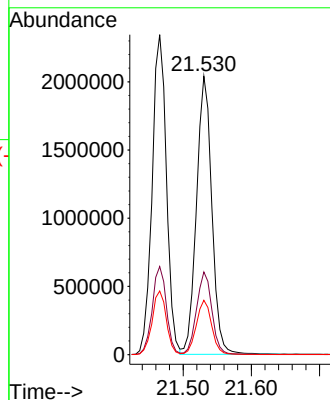
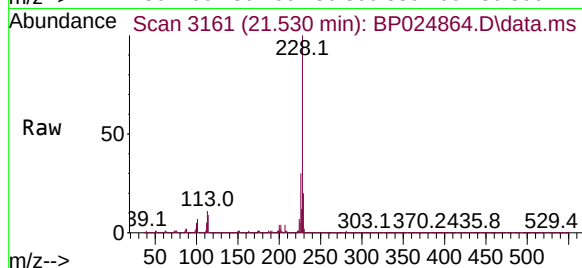
Tgt Ion:228 Resp: 3196624

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: 38.886 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

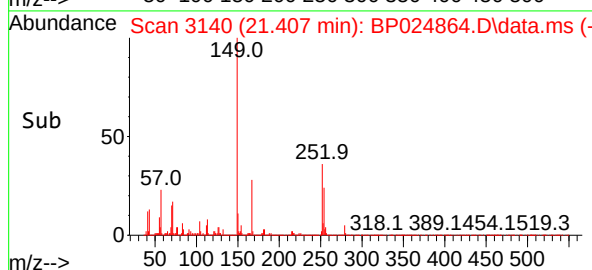
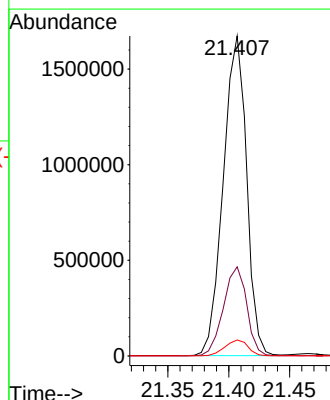
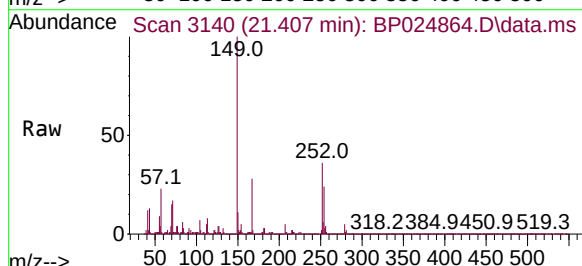
Tgt Ion:149 Resp: 2227904

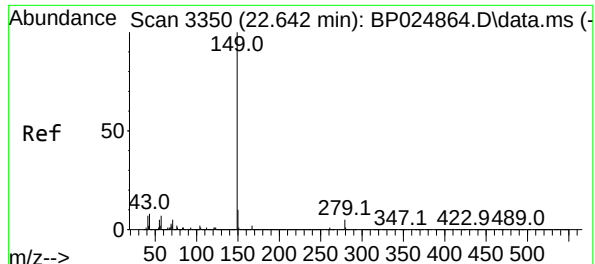
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 5.0 4.0 6.0

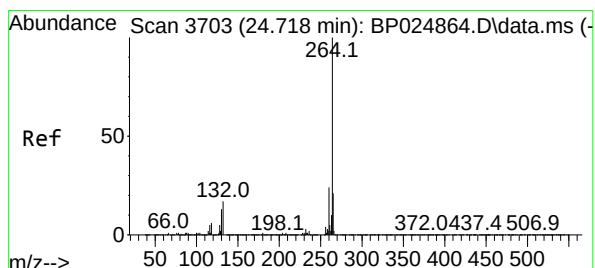
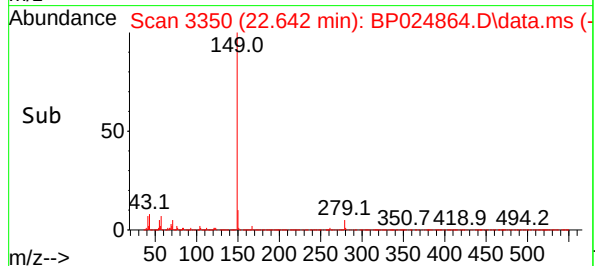
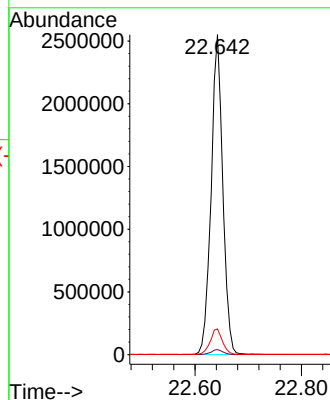
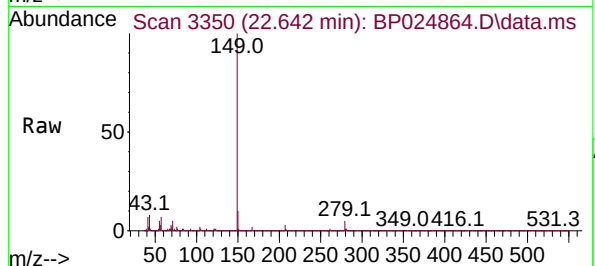




#85
Di-n-octyl phthalate
Concen: 38.306 ng
RT: 22.642 min Scan# 3350
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

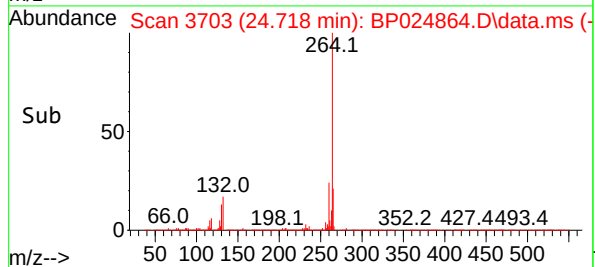
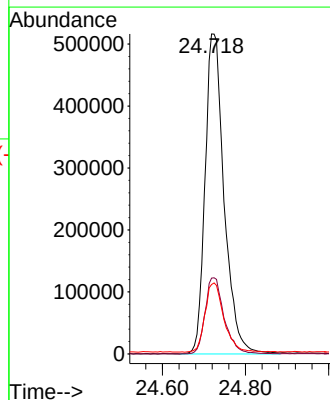
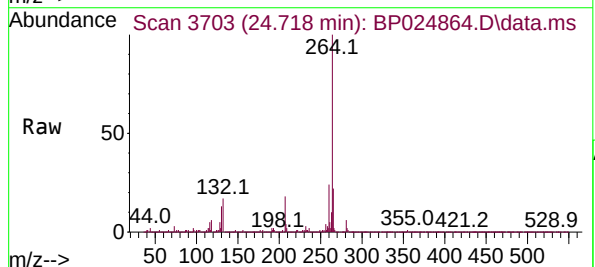
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

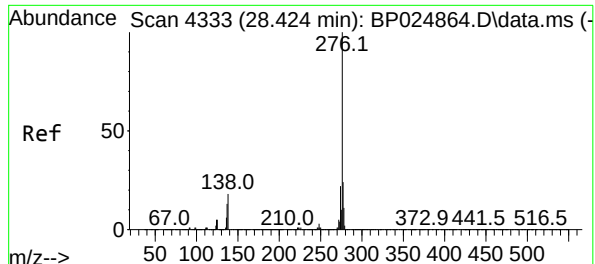
Tgt Ion:149 Resp: 3868411
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3703
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:264 Resp: 1643252
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.704 ng

RT: 28.424 min Scan# 4333

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

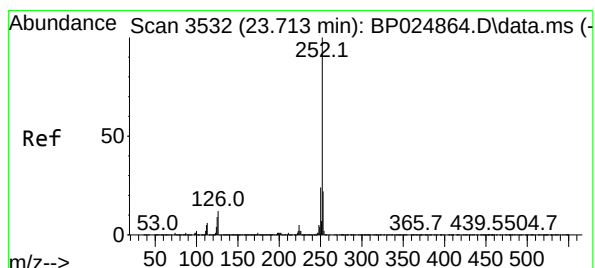
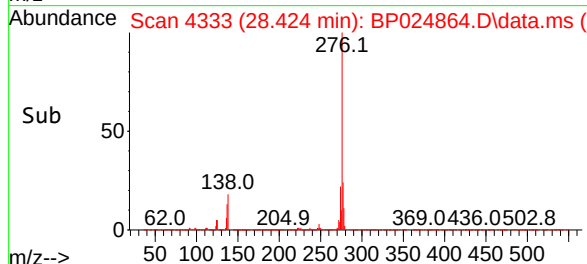
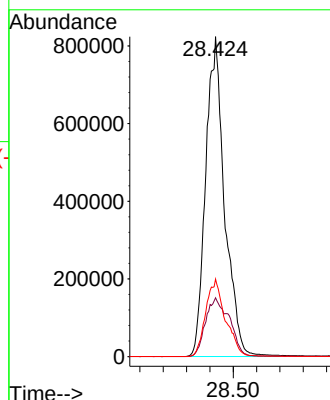
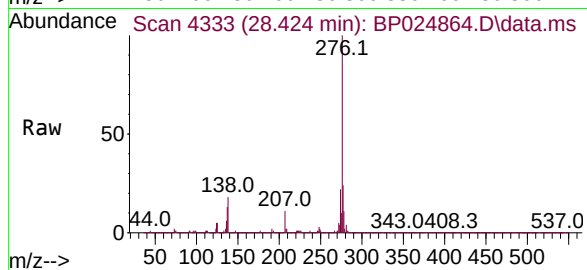
Tgt Ion:276 Resp: 4640451

Ion Ratio Lower Upper

276 100

138 23.2 18.6 27.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 39.393 ng

RT: 23.713 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

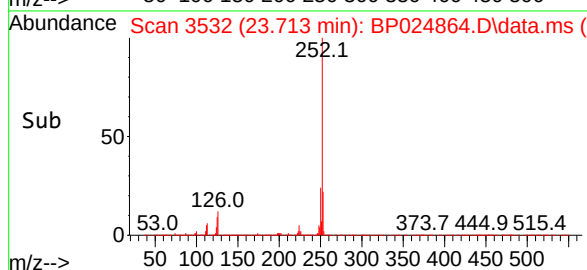
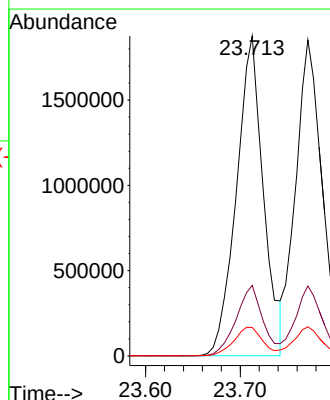
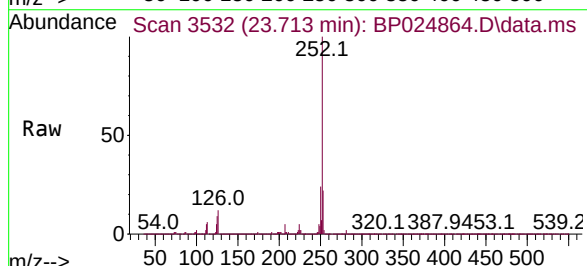
Tgt Ion:252 Resp: 3704546

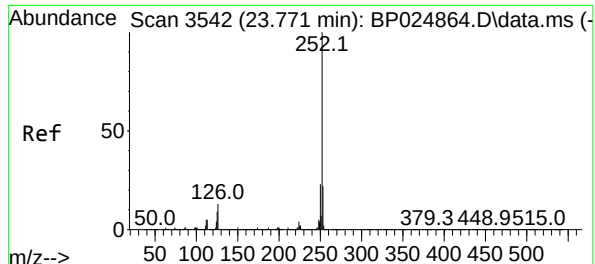
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.979 ng

RT: 23.771 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

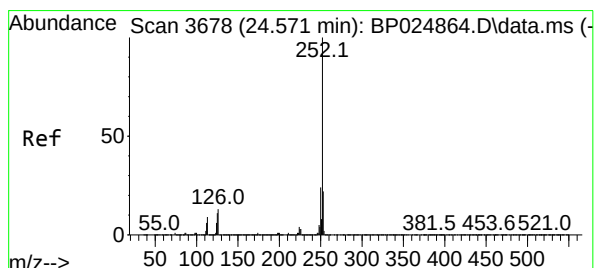
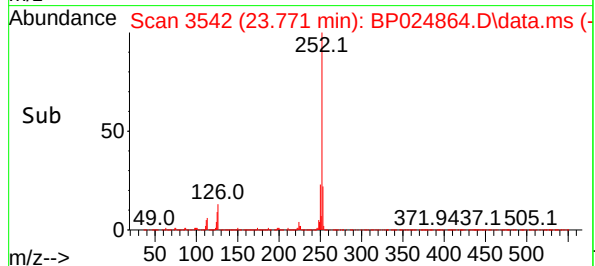
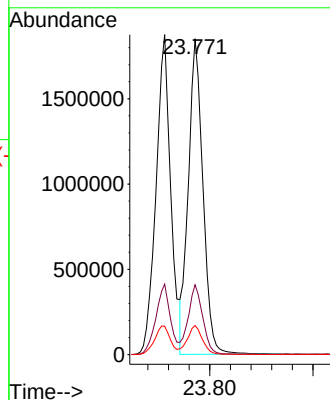
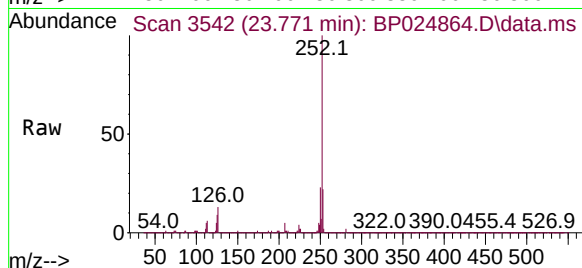
Tgt Ion:252 Resp: 3635617

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 38.291 ng

RT: 24.571 min Scan# 3678

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

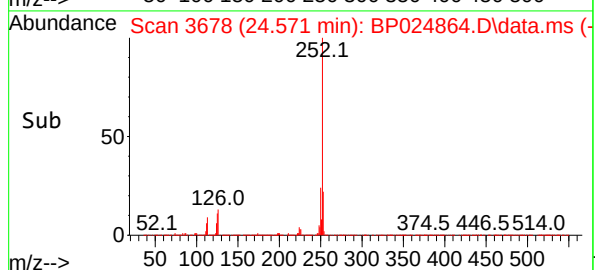
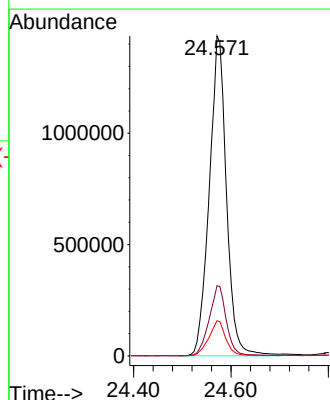
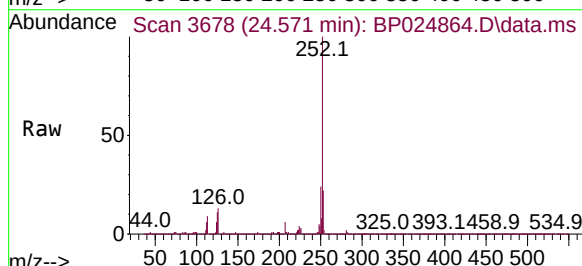
Tgt Ion:252 Resp: 3516755

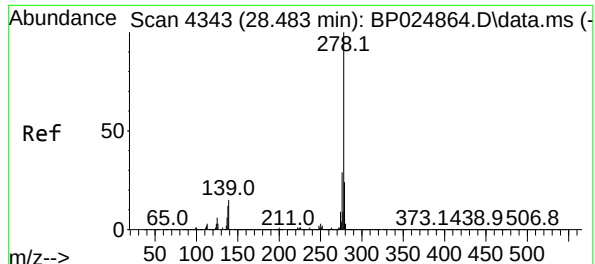
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.0 8.8 13.2

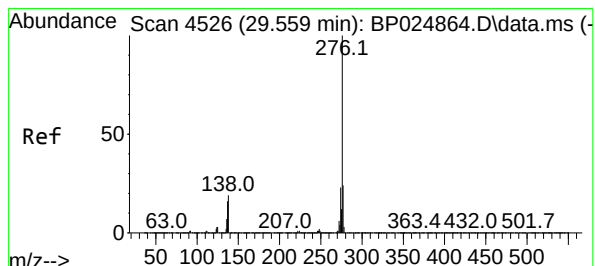
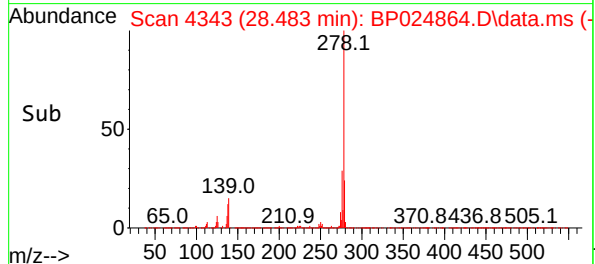
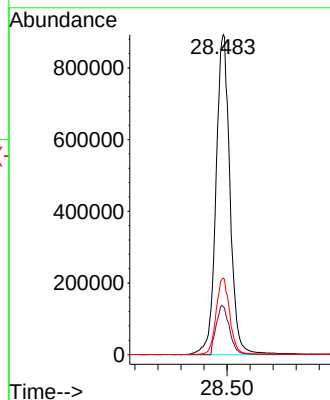
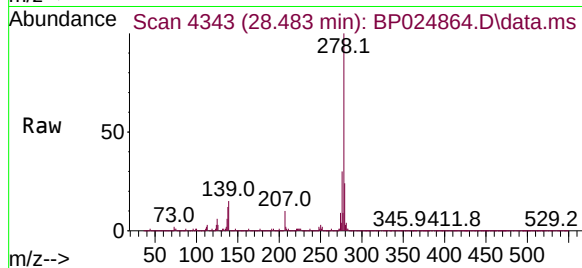




#91
Dibenzo(a,h)anthracene
Concen: 38.499 ng
RT: 28.483 min Scan# 4343
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

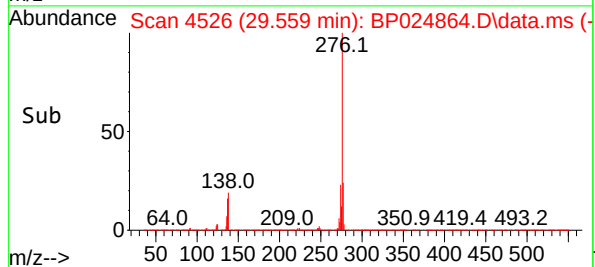
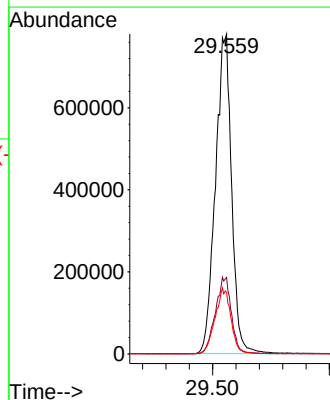
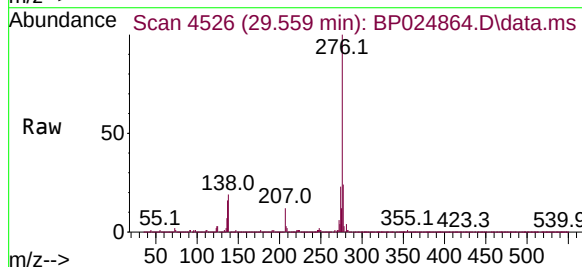
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 3757160
Ion Ratio Lower Upper
278 100
139 15.0 12.0 18.0
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 38.569 ng
RT: 29.559 min Scan# 4526
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:276 Resp: 3734621
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 19.3 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024865.D
 Acq On : 06 Jun 2025 13:56
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 06 16:03:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	235518	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	975092	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	631564	20.000	ng	0.01
64) Phenanthrene-d10	17.072	188	1197709	20.000	ng	0.01
76) Chrysene-d12	21.501	240	1276071	20.000	ng	0.02
86) Perylene-d12	24.742	264	1475251	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1510671	107.067	ng	0.00
7) Phenol-d6	6.813	99	1973616	105.719	ng	0.00
23) Nitrobenzene-d5	8.760	82	2165794	107.931	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	940592	107.721	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4934980	105.263	ng	0.00
79) Terphenyl-d14	19.801	244	7428863	104.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	321356	51.761	ng	100
3) Pyridine	3.567	79	806405	54.010	ng	98
4) n-Nitrosodimethylamine	3.478	42	319345	52.317	ng	98
6) Aniline	6.955	93	1263250	53.024	ng	100
8) 2-Chlorophenol	7.190	128	855311	53.473	ng	99
9) Benzaldehyde	6.766	77	579996	53.748	ng	99
10) Phenol	6.843	94	1015401	52.761	ng	99
11) bis(2-Chloroethyl)ether	7.049	93	802393	53.010	ng	99
12) 1,3-Dichlorobenzene	7.502	146	925262	51.854	ng	99
13) 1,4-Dichlorobenzene	7.643	146	944146	52.440	ng	100
14) 1,2-Dichlorobenzene	7.960	146	906741	51.287	ng	99
15) Benzyl Alcohol	7.860	79	758909	52.968	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1030911	52.035	ng	99
17) 2-Methylphenol	8.066	107	712455	53.013	ng	100
18) Hexachloroethane	8.672	117	359979	53.107	ng	99
19) n-Nitroso-di-n-propyla...	8.413	70	671592	52.919	ng	99
20) 3+4-Methylphenols	8.396	107	960504	52.385	ng	97
22) Acetophenone	8.431	105	1304864	52.966	ng	99
24) Nitrobenzene	8.802	77	955872	53.620	ng	99
25) Isophorone	9.325	82	1862532	53.556	ng	100
26) 2-Nitrophenol	9.513	139	489550	55.657	ng	99
27) 2,4-Dimethylphenol	9.578	122	806896	53.602	ng	99
28) bis(2-Chloroethoxy)met...	9.801	93	1133590	54.643	ng	99
29) 2,4-Dichlorophenol	10.054	162	797316	55.201	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	857570	52.640	ng	98
31) Naphthalene	10.437	128	2630251	52.637	ng	100
32) Benzoic acid	9.772	122	561400	55.936	ng	98
33) 4-Chloroaniline	10.548	127	1148401	54.855	ng	99
34) Hexachlorobutadiene	10.713	225	532031	54.184	ng	98
35) Caprolactam	11.354	113	288081	54.183	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	912092	54.747	ng	99
37) 2-Methylnaphthalene	12.048	142	1697018	53.539	ng	99
38) 1-Methylnaphthalene	12.272	142	1807332	53.333	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	949667	52.992	ng	100
41) Hexachlorocyclopentadiene	12.395	237	638568	58.420	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	649483	53.966	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024865.D
 Acq On : 06 Jun 2025 13:56
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 06 16:03:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

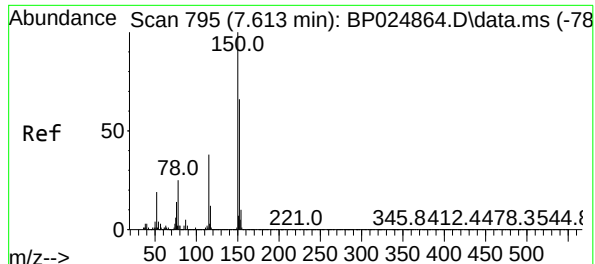
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	707702	54.908	ng	99
46) 1,1'-Biphenyl	13.072	154	2382821	51.916	ng	99
47) 2-Chloronaphthalene	13.113	162	1849683	52.435	ng	100
48) 2-Nitroaniline	13.337	65	586484	54.079	ng	99
49) Acenaphthylene	13.978	152	3062130	52.061	ng	100
50) Dimethylphthalate	13.719	163	2447212	52.527	ng	100
51) 2,6-Dinitrotoluene	13.837	165	535050	53.272	ng	98
52) Acenaphthene	14.325	154	1716357	50.924	ng	99
53) 3-Nitroaniline	14.178	138	580183	55.664	ng	99
54) 2,4-Dinitrophenol	14.401	184	321110	51.248	ng	95
55) Dibenzofuran	14.666	168	2773911	51.272	ng	99
56) 4-Nitrophenol	14.531	139	435101	51.384	ng	96
57) 2,4-Dinitrotoluene	14.648	165	768586	54.706	ng	98
58) Fluorene	15.331	166	2264731	51.819	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	623685	54.063	ng	100
60) Diethylphthalate	15.101	149	2438733	52.523	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1118999	52.365	ng	99
62) 4-Nitroaniline	15.372	138	530012	56.050	ng	96
63) Azobenzene	15.619	77	2249353	52.821	ng	100
65) 4,6-Dinitro-2-methylph...	15.431	198	439647	55.863	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1974147	53.178	ng	100
67) 4-Bromophenyl-phenylether	16.236	248	737798	54.595	ng	97
68) Hexachlorobenzene	16.354	284	867444	52.948	ng	99
69) Atrazine	16.531	200	732007	54.392	ng	98
70) Pentachlorophenol	16.725	266	486264	57.349	ng	99
71) Phenanthrene	17.113	178	3477677	52.543	ng	100
72) Anthracene	17.201	178	3558691	53.089	ng	99
73) Carbazole	17.495	167	3330211	53.599	ng	100
74) Di-n-butylphthalate	18.077	149	4253447	55.253	ng	100
75) Fluoranthene	19.201	202	4024039	52.455	ng	100
77) Benzidine	19.413	184	2202092	55.718	ng	100
78) Pyrene	19.577	202	4217295	52.900	ng	100
80) Butylbenzylphthalate	20.530	149	2045307	56.010	ng	99
81) Benzo(a)anthracene	21.477	228	4296840	52.648	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1730292	53.402	ng	99
83) Chrysene	21.548	228	4080671	52.768	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2938577	56.166	ng	99
85) Di-n-octyl phthalate	22.642	149	5061827	54.889	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	5749111	53.412	ng	# 93
88) Benzo(b)fluoranthene	23.701	252	4545535	53.840	ng	100
89) Benzo(k)fluoranthene	23.771	252	4641829	54.012	ng	100
90) Benzo(a)pyrene	24.583	252	4478222	54.313	ng	99
91) Dibenzo(a,h)anthracene	28.500	278	4715596	53.822	ng	99
92) Benzo(g,h,i)perylene	29.547	276	4649887	53.490	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

- 1
- 2
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- 16
- 17

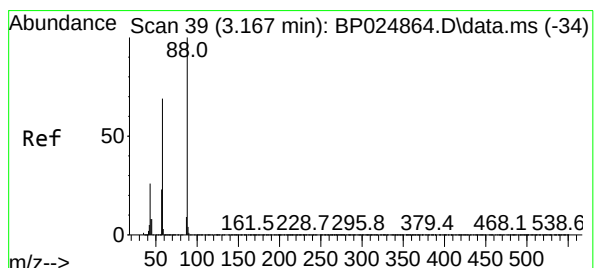
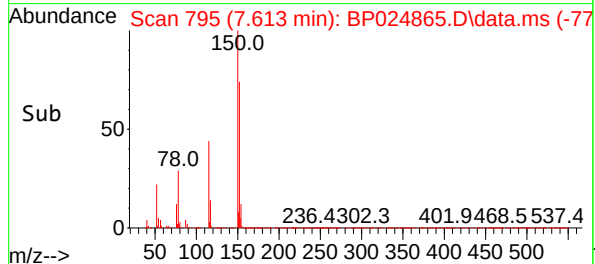
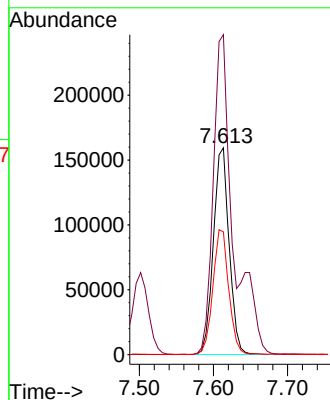
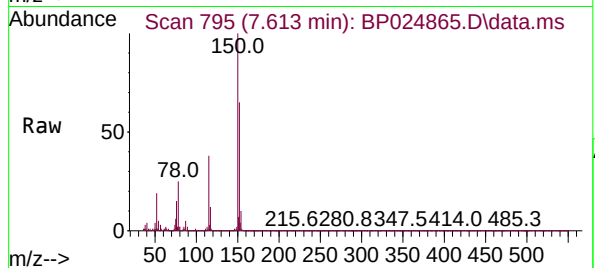




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

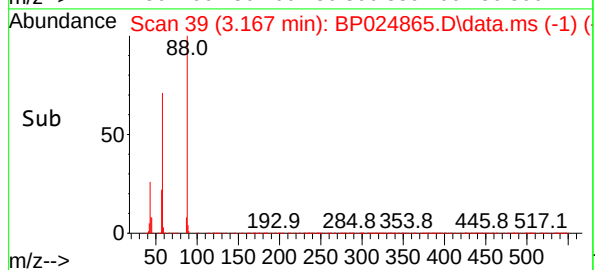
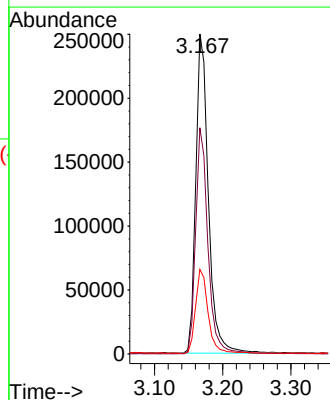
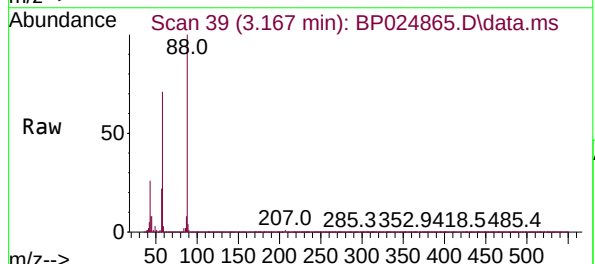
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

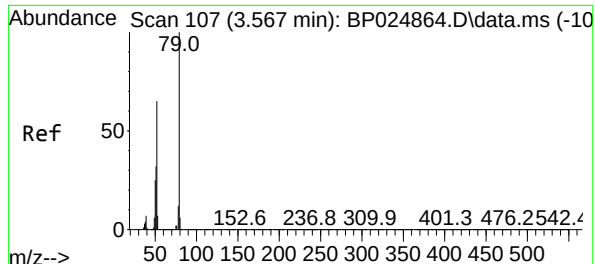
Tgt Ion:152 Resp: 235518
Ion Ratio Lower Upper
152 100
150 154.7 122.1 183.1
115 59.4 46.4 69.6



#2
1,4-Dioxane
Concen: 51.761 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 88 Resp: 321356
Ion Ratio Lower Upper
88 100
58 69.1 55.4 83.0
43 26.2 20.8 31.2

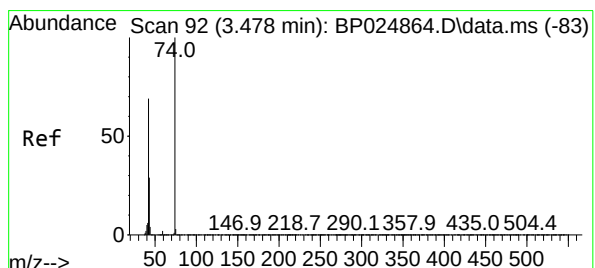
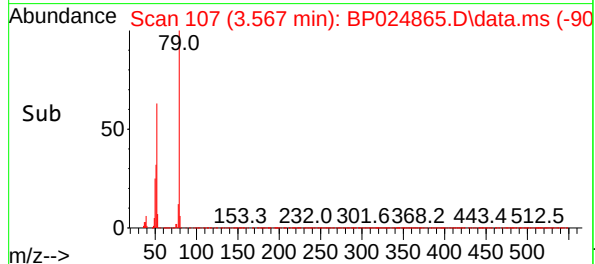
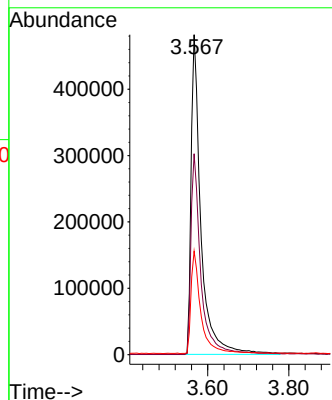
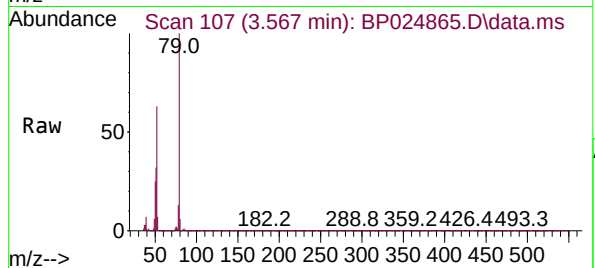




#3
Pyridine
Concen: 54.010 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

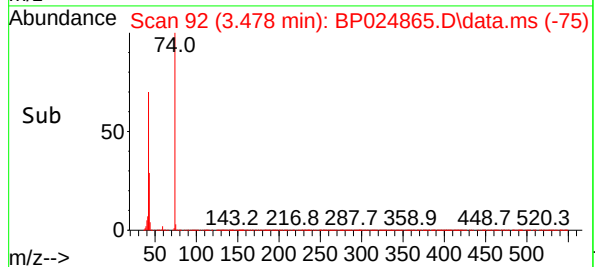
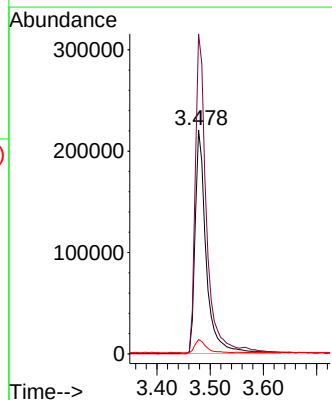
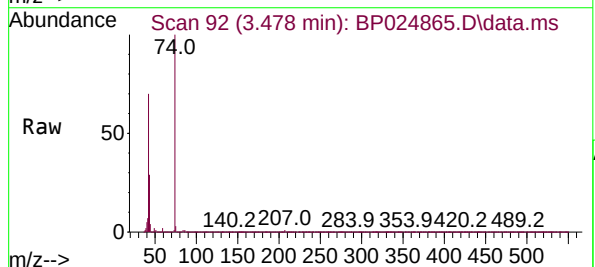
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BNA_P
ClientSampleId :
SSTDICC050

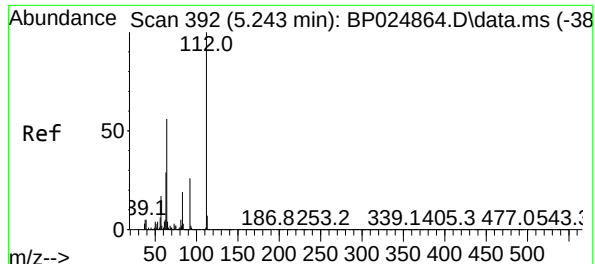
Tgt Ion: 79 Resp: 806405
Ion Ratio Lower Upper
79 100
52 62.8 51.6 77.4
51 32.3 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 52.317 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 42 Resp: 319345
Ion Ratio Lower Upper
42 100
74 143.0 116.6 174.8
44 6.4 5.4 8.0

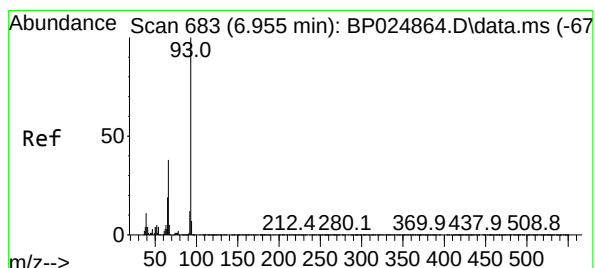
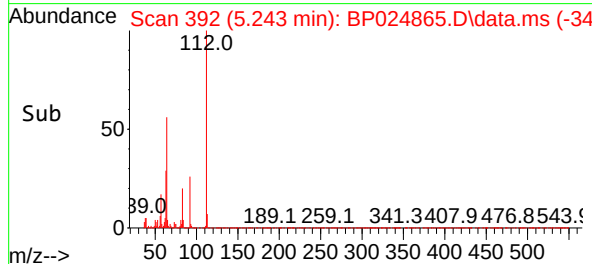
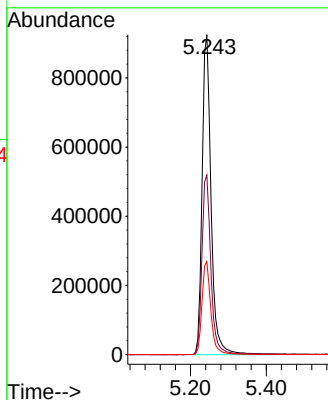
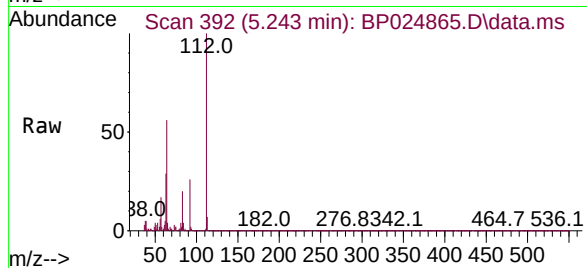




#5
2-Fluorophenol
Concen: 107.067 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

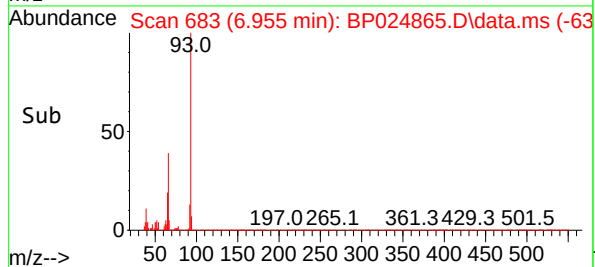
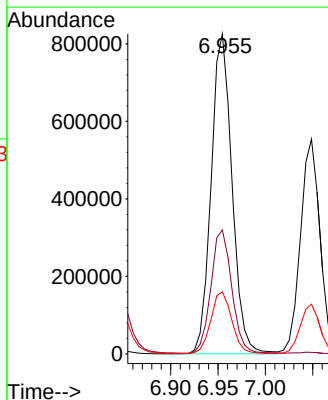
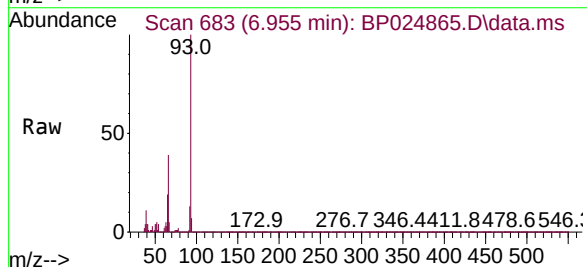
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

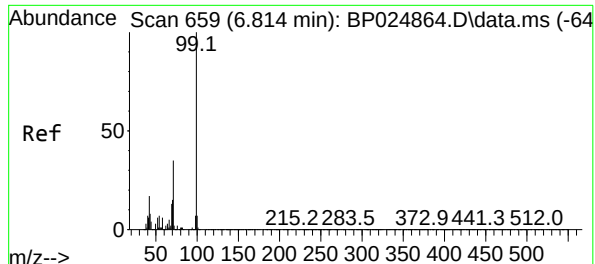
Tgt Ion:112 Resp: 1510671
Ion Ratio Lower Upper
112 100
64 56.1 44.7 67.1
63 29.1 23.5 35.3



#6
Aniline
Concen: 53.024 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 93 Resp: 1263250
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.4 15.5 23.3





#7

Phenol-d6

Concen: 105.719 ng

RT: 6.813 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

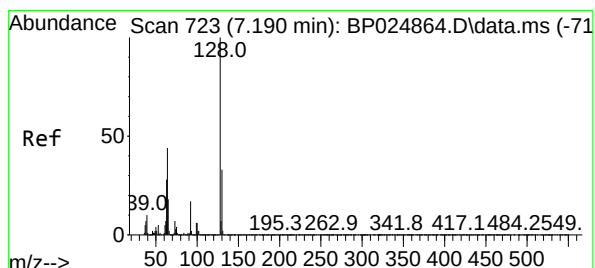
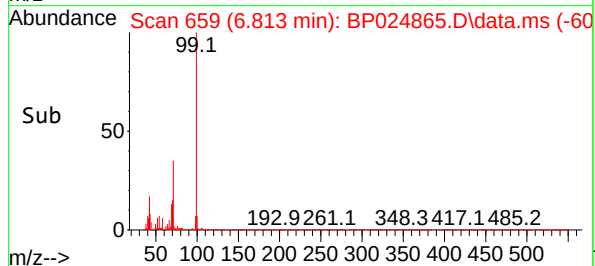
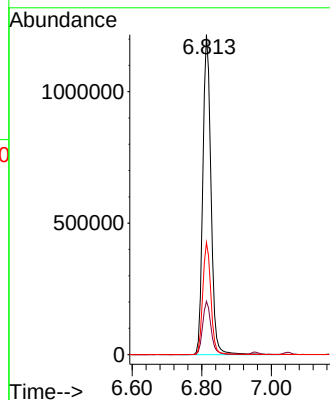
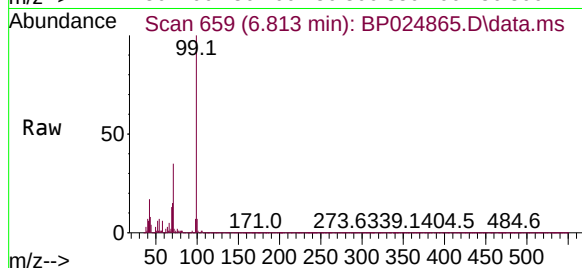
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1973616

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	35.0	27.6	41.4



#8

2-Chlorophenol

Concen: 53.473 ng

RT: 7.190 min Scan# 723

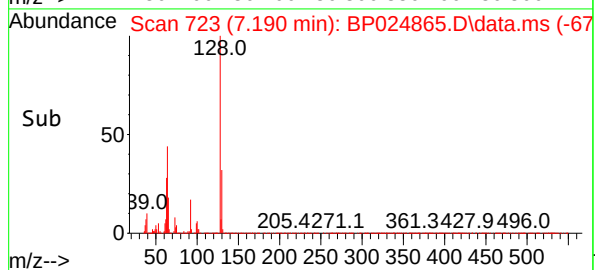
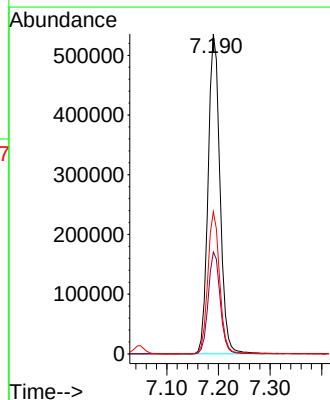
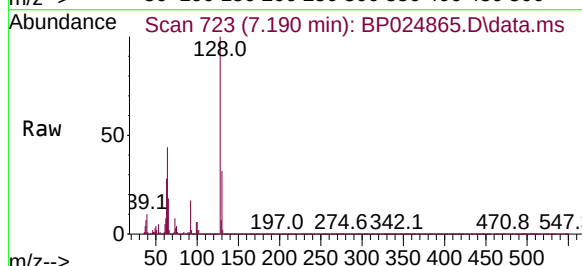
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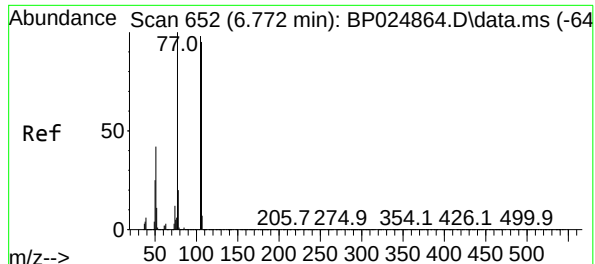
Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion: 128 Resp: 855311

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	44.4	24.1	64.1

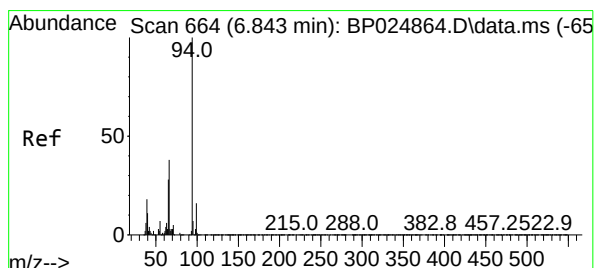
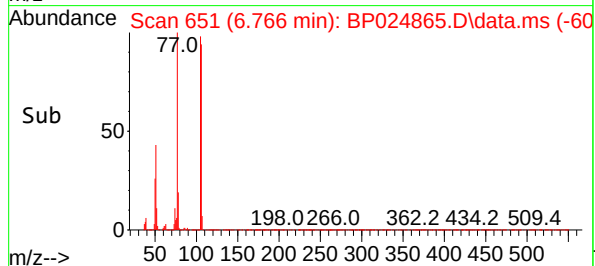
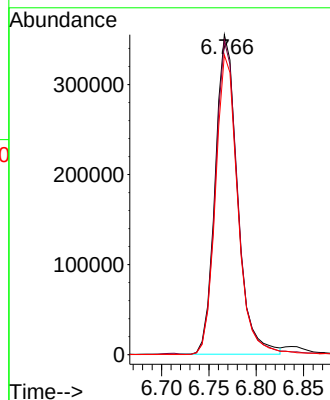
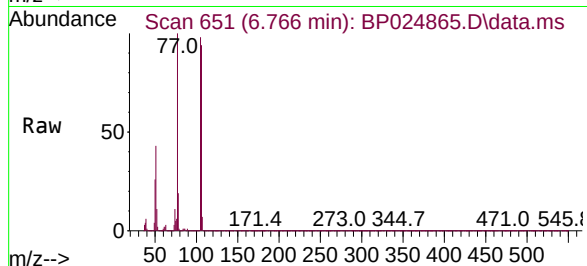




#9
Benzaldehyde
Concen: 53.748 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

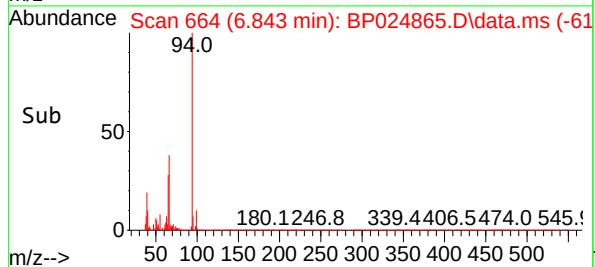
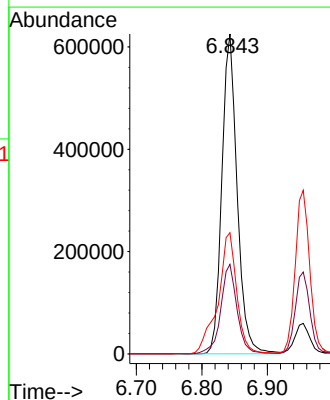
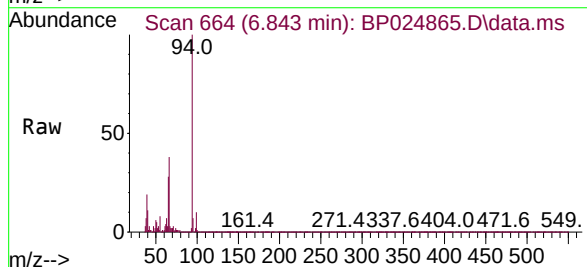
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

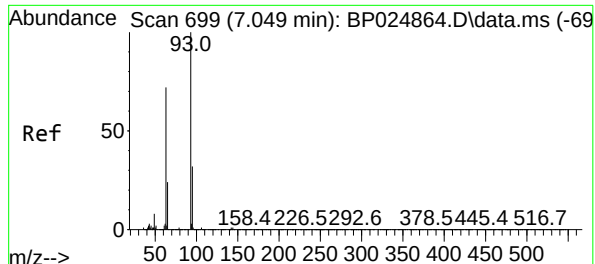
Tgt Ion: 77 Resp: 579996
Ion Ratio Lower Upper
77 100
105 98.1 77.7 117.7
106 93.6 74.8 114.8



#10
Phenol
Concen: 52.761 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 94 Resp: 1015401
Ion Ratio Lower Upper
94 100
65 28.0 8.3 48.3
66 37.9 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 53.010 ng

RT: 7.049 min Scan# 699

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

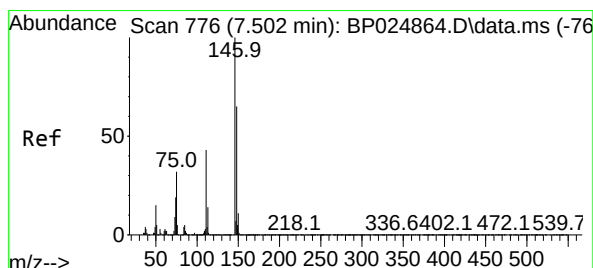
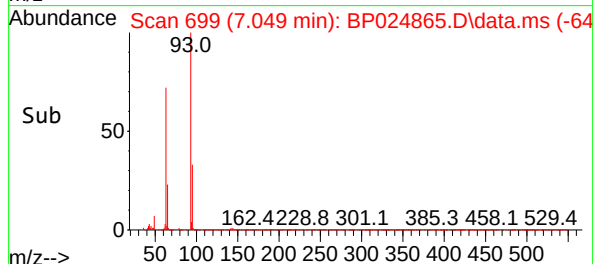
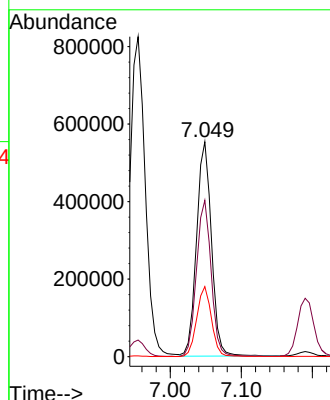
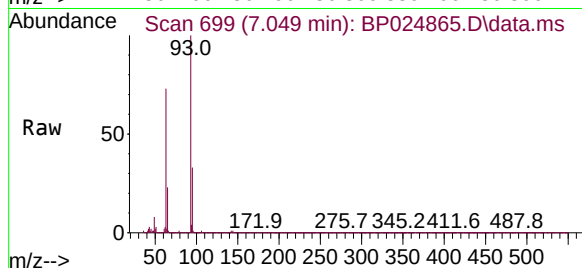
Tgt Ion: 93 Resp: 802393

Ion Ratio Lower Upper

93 100

63 72.7 51.6 91.6

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 51.854 ng

RT: 7.502 min Scan# 776

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

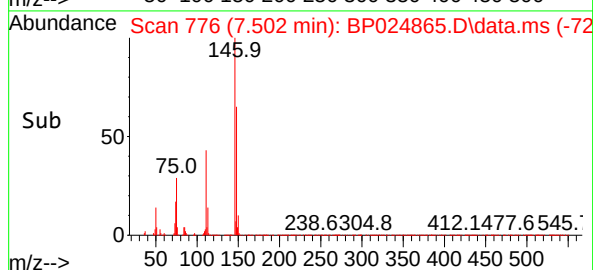
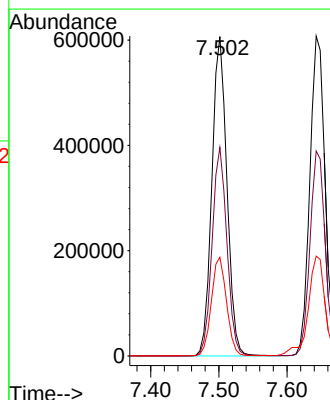
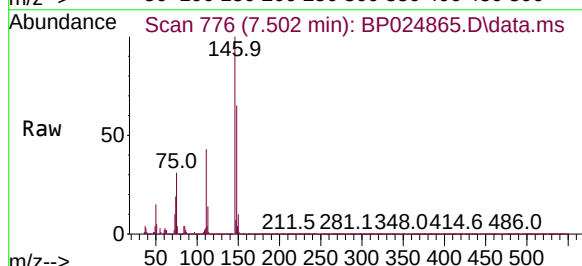
Tgt Ion: 146 Resp: 925262

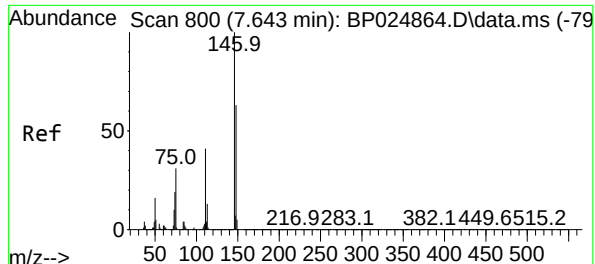
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

75 30.9 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 52.440 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

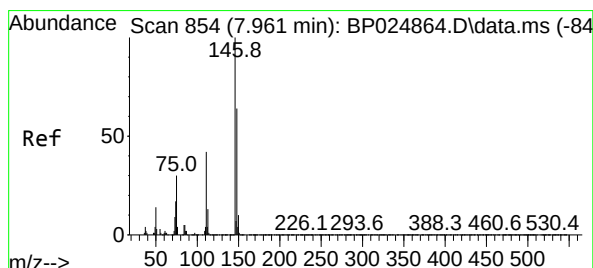
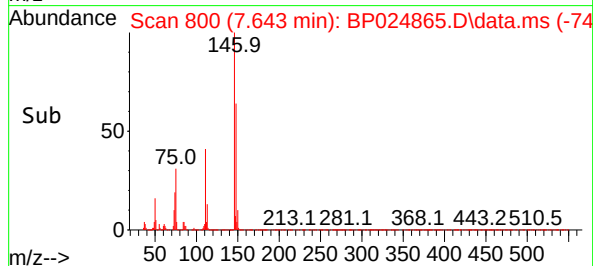
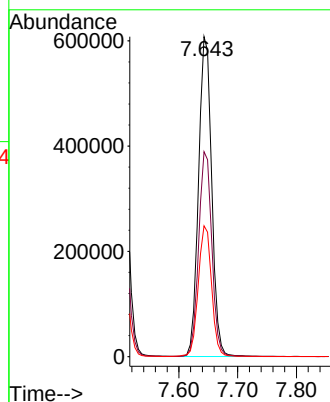
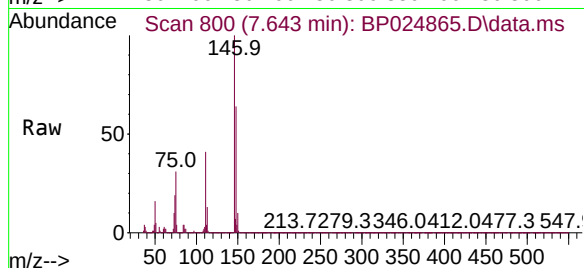
Tgt Ion:146 Resp: 944146

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 40.9 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 51.287 ng

RT: 7.960 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

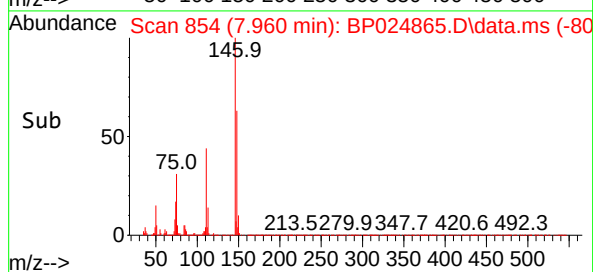
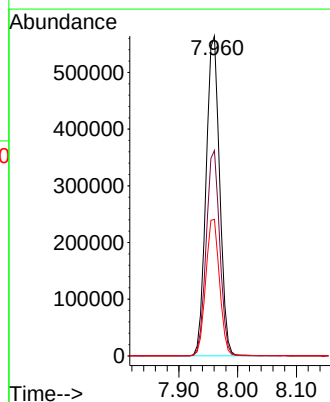
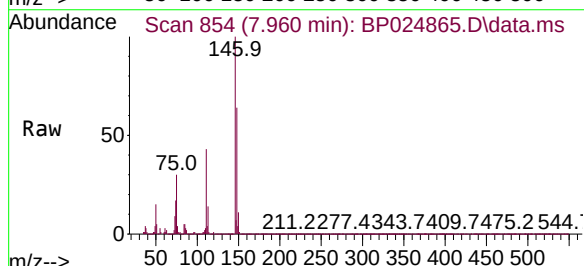
Tgt Ion:146 Resp: 906741

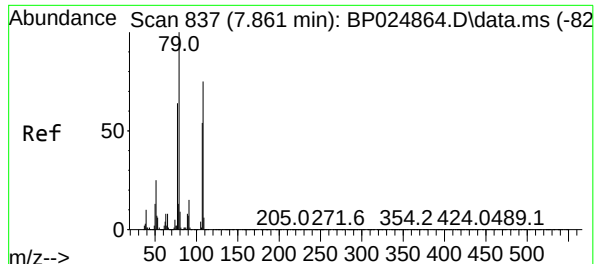
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 42.7 33.8 50.8

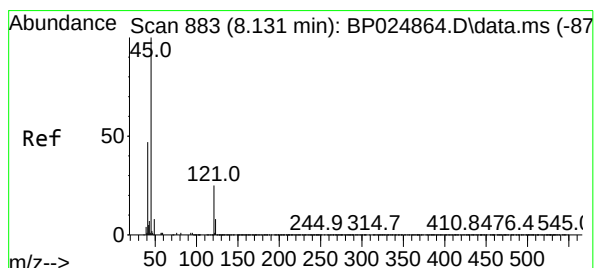
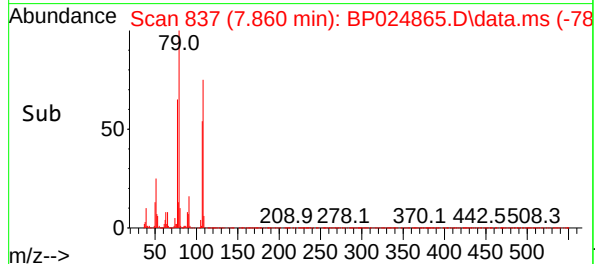
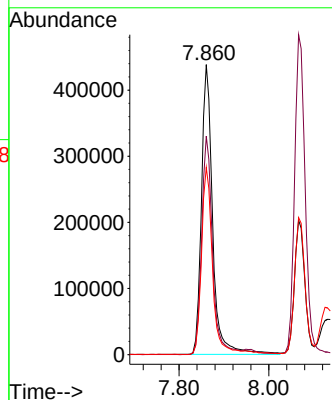
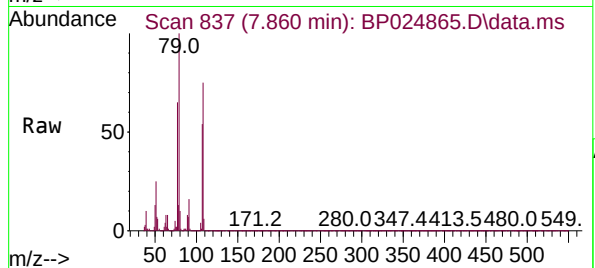




#15
Benzyl Alcohol
Concen: 52.968 ng
RT: 7.860 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

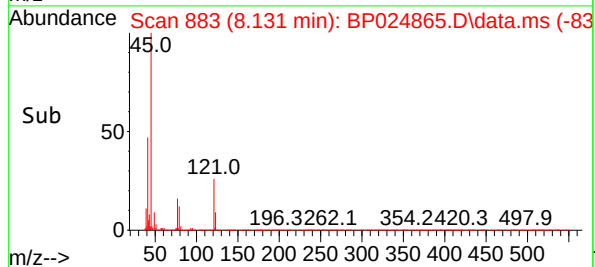
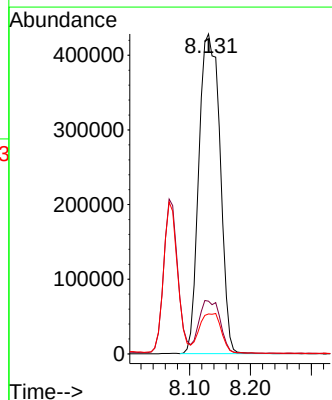
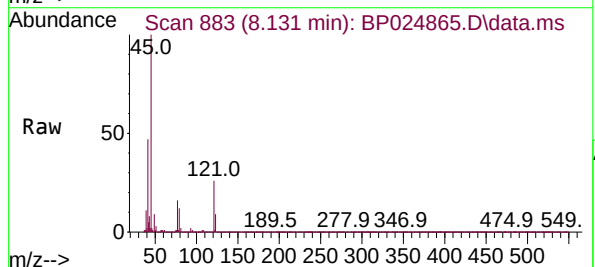
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

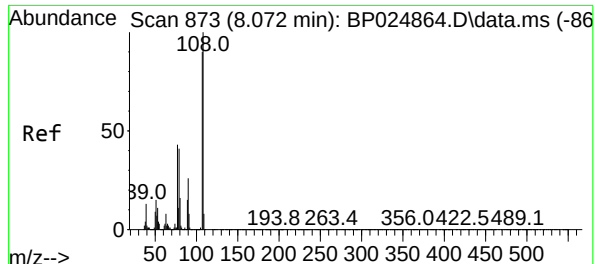
Tgt Ion: 79 Resp: 758909
Ion Ratio Lower Upper
79 100
108 75.4 60.2 90.4
77 64.6 51.2 76.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.035 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 45 Resp: 1030911
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.3
79 12.5 0.0 32.2





#17

2-Methylphenol

Concen: 53.013 ng

RT: 8.066 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 712455

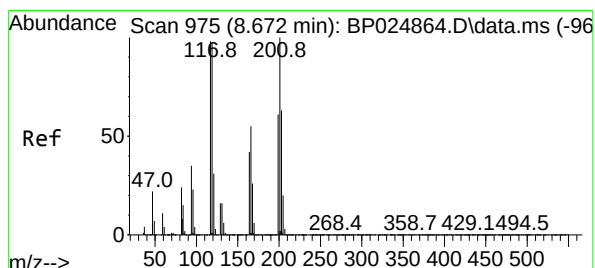
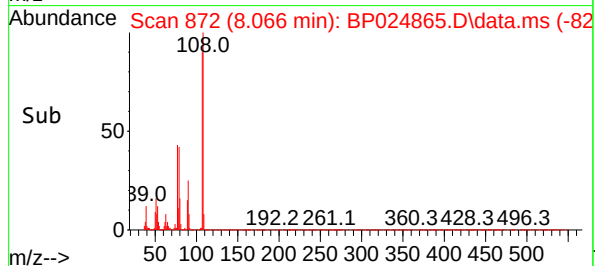
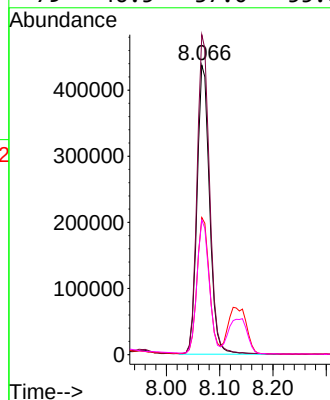
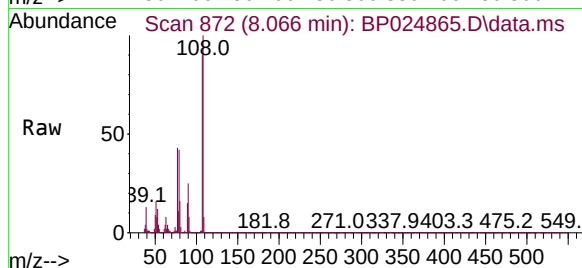
Ion Ratio Lower Upper

107 100

108 110.5 88.6 132.8

77 47.4 38.5 57.7

79 46.5 37.0 55.6



#18

Hexachloroethane

Concen: 53.107 ng

RT: 8.672 min Scan# 975

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

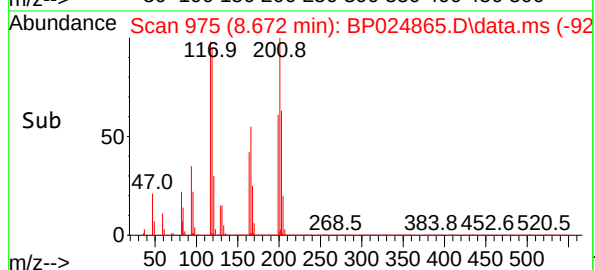
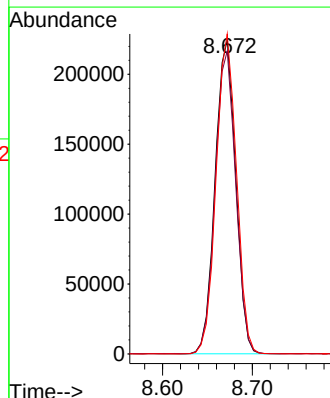
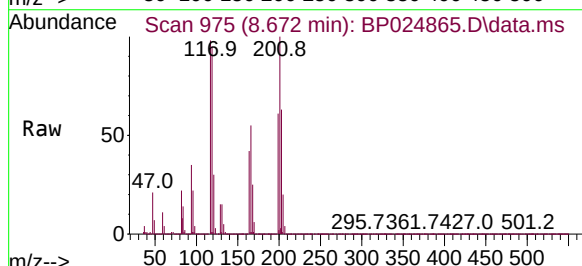
Tgt Ion:117 Resp: 359979

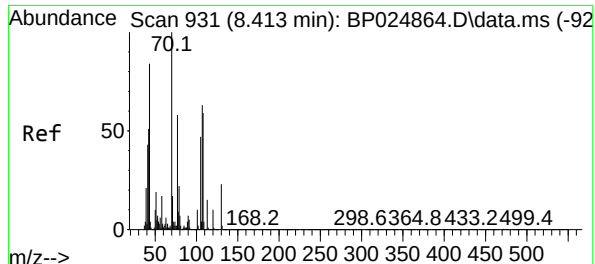
Ion Ratio Lower Upper

117 100

119 96.6 79.4 119.2

201 102.1 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 52.919 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024865.D

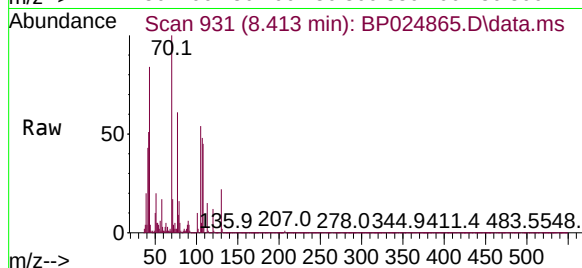
Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 671592

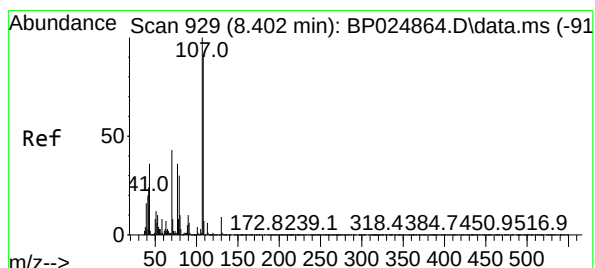
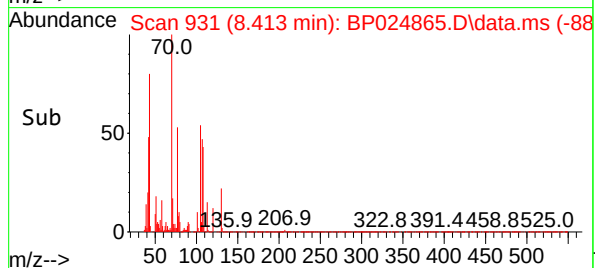
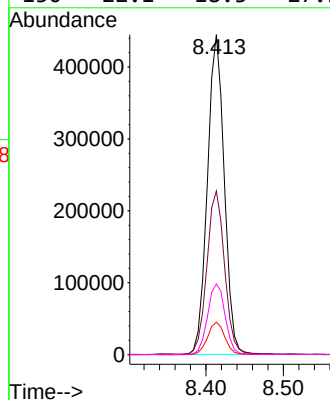
Ion Ratio Lower Upper

70 100

42 51.1 41.2 61.8

101 10.1 8.3 12.5

130 22.1 18.3 27.5



#20

3+4-Methylphenols

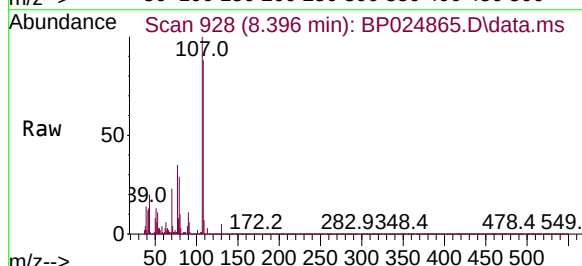
Concen: 52.385 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56



Tgt Ion: 107 Resp: 960504

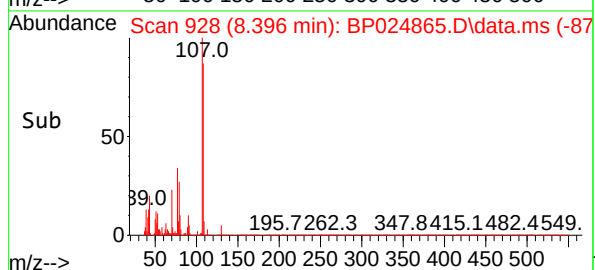
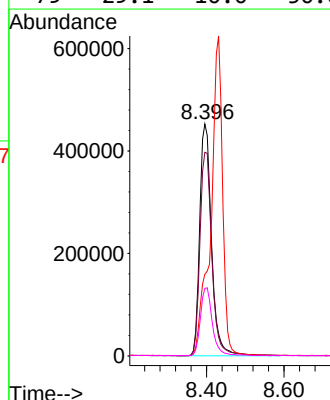
Ion Ratio Lower Upper

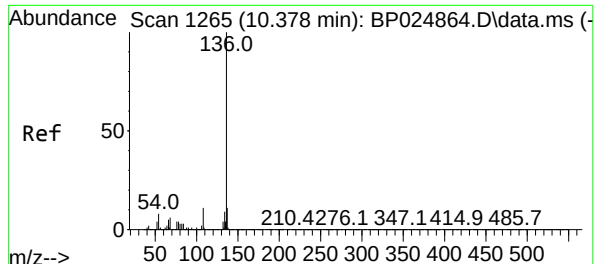
107 100

108 87.8 70.7 110.7

77 35.2 16.6 56.6

79 29.1 10.0 50.0

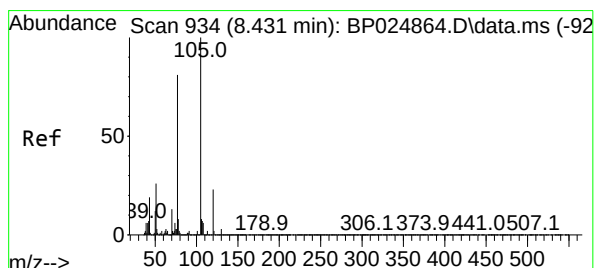
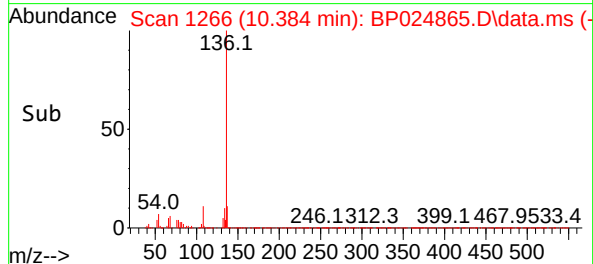
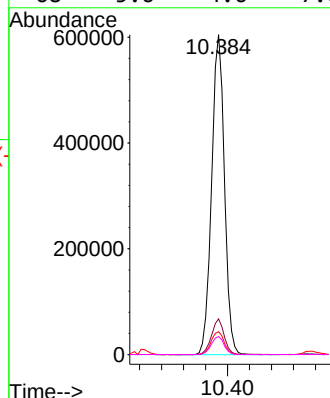
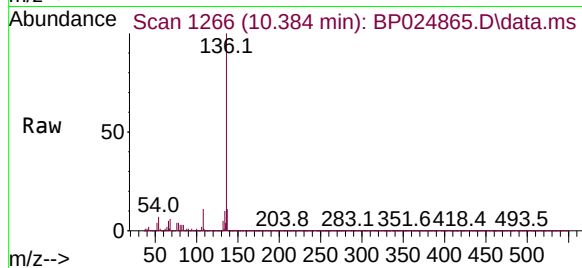




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

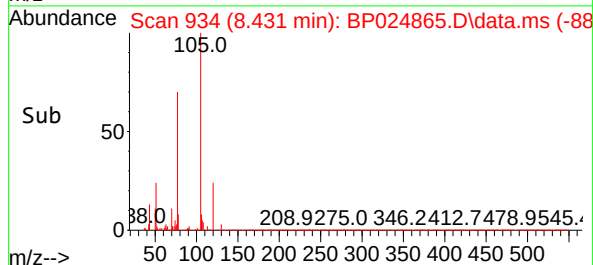
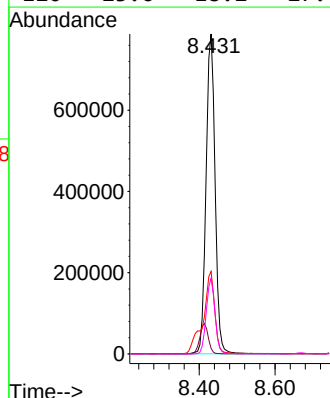
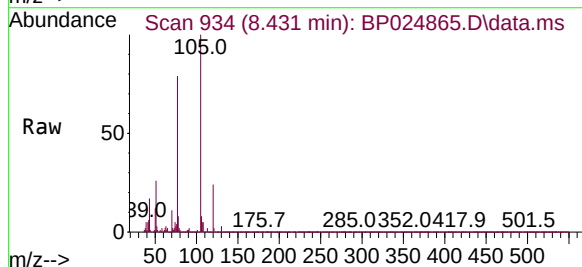
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

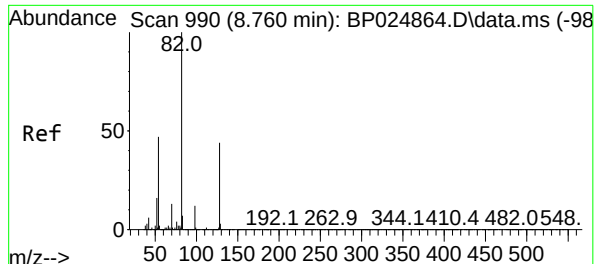
Tgt Ion:	136	Resp:	975092
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.6	4.6	7.0



#22
Acetophenone
Concen: 52.966 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:	105	Resp:	1304864
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.6	2.4
51	25.8	20.6	31.0
120	23.6	18.2	27.4





#23

Nitrobenzene-d5

Concen: 107.931 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

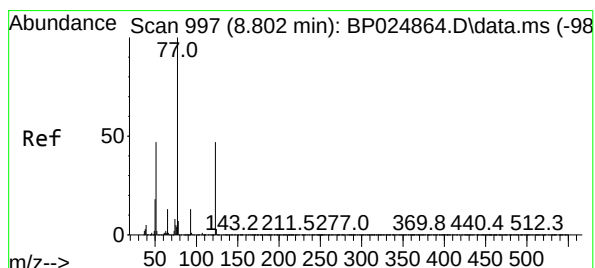
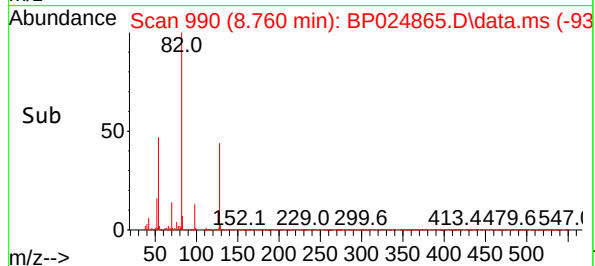
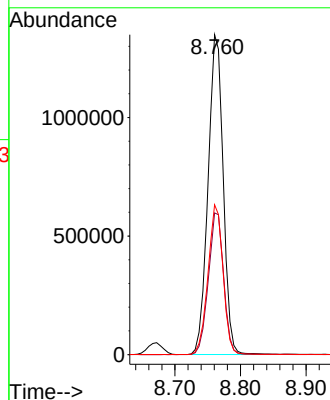
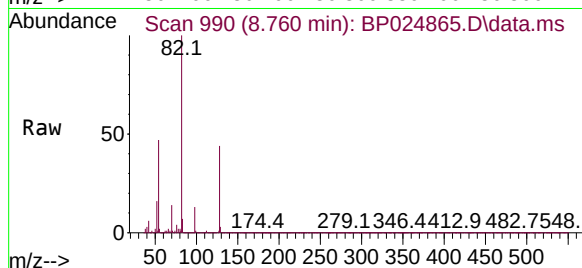
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 2165794

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.3	52.9
54	46.8	37.4	56.0



#24

Nitrobenzene

Concen: 53.620 ng

RT: 8.802 min Scan# 997

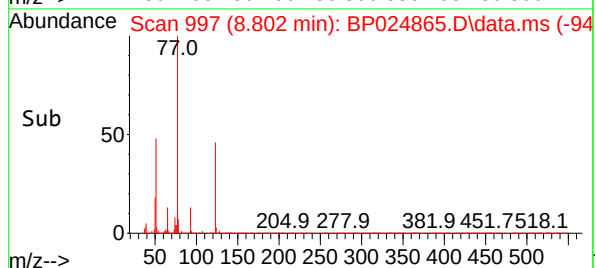
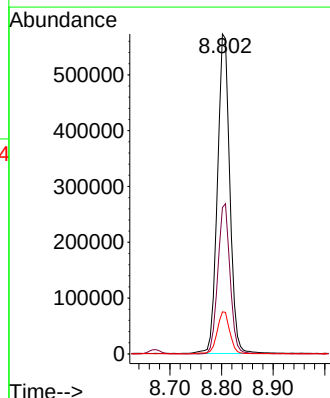
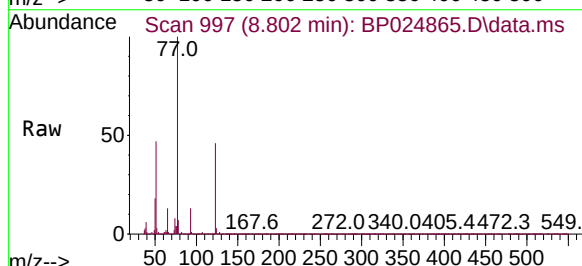
Delta R.T. -0.000 min

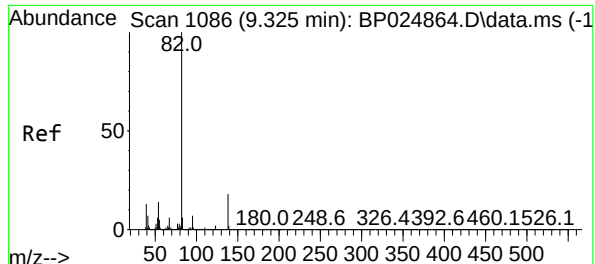
Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion: 77 Resp: 955872

Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.3	55.9
65	13.1	10.8	16.2

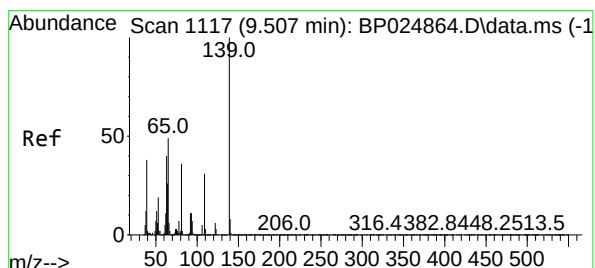
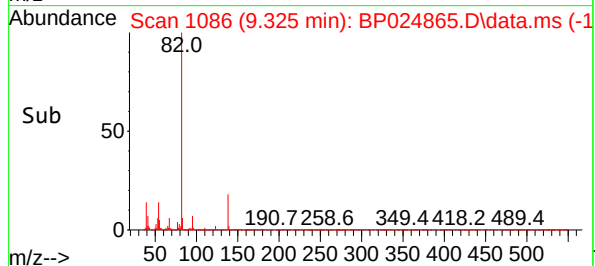
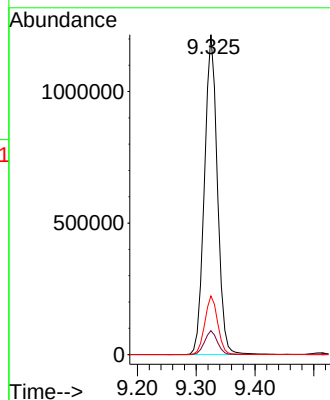
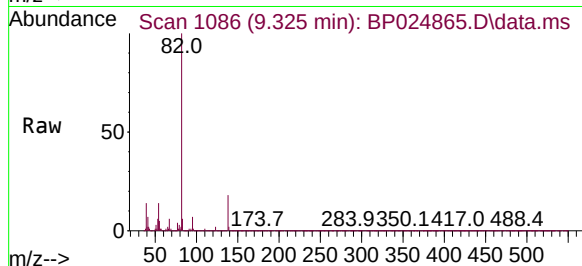




#25
Isophorone
Concen: 53.556 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

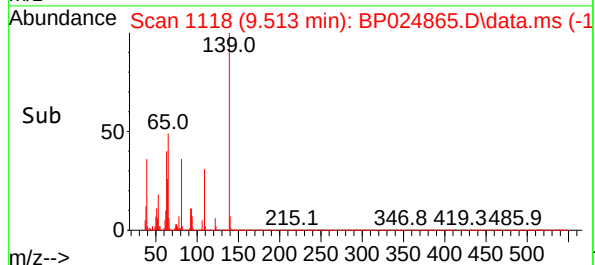
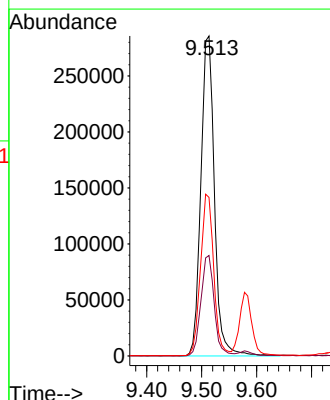
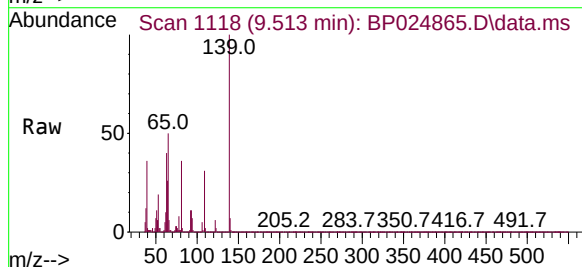
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

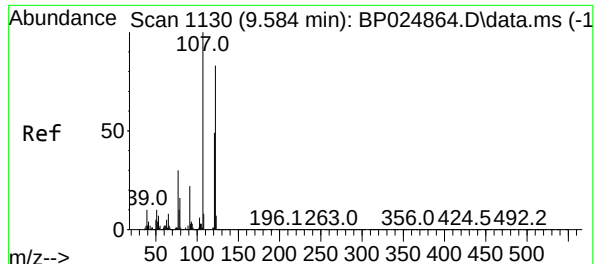
Tgt Ion: 82 Resp: 1862532
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 55.657 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 139 Resp: 489550
Ion Ratio Lower Upper
139 100
109 31.4 24.6 37.0
65 49.5 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 53.602 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

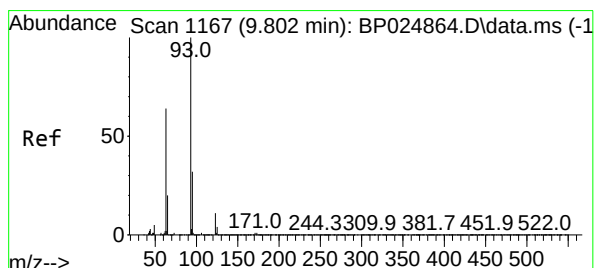
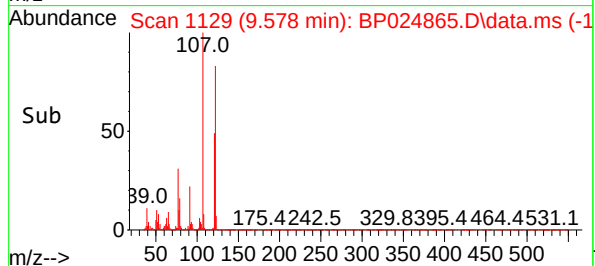
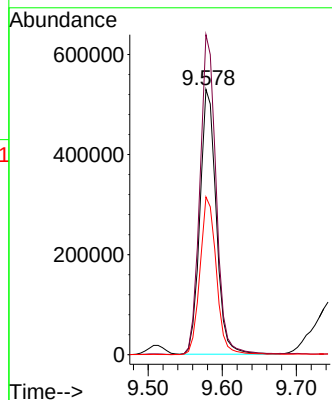
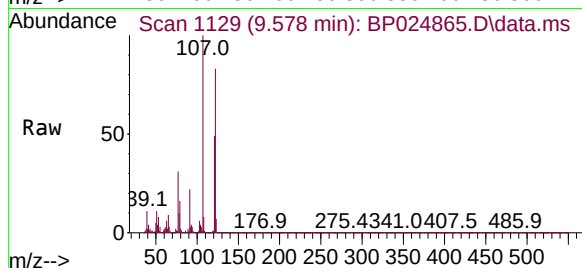
Tgt Ion:122 Resp: 806896

Ion Ratio Lower Upper

122 100

107 120.7 96.2 144.4

121 59.5 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 54.643 ng

RT: 9.801 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

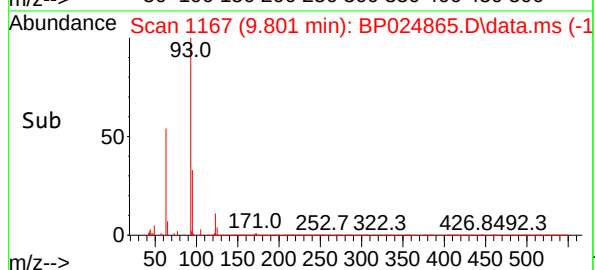
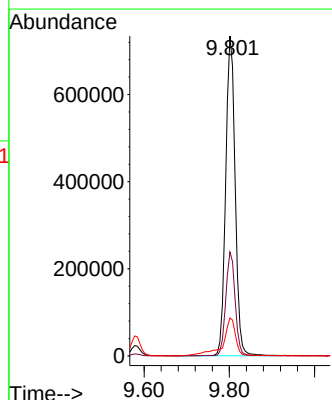
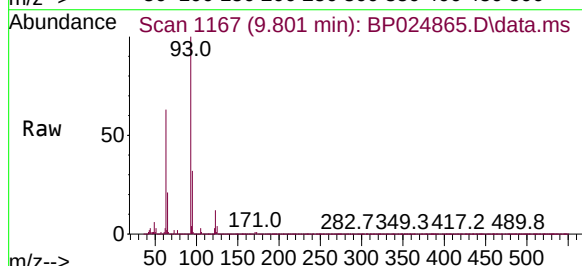
Tgt Ion: 93 Resp: 1133590

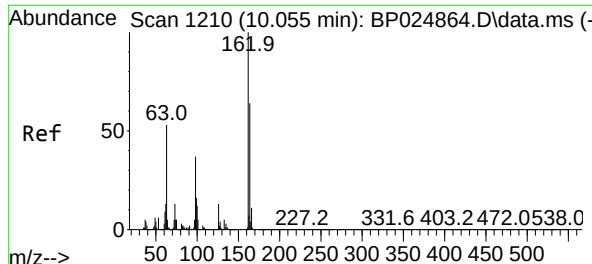
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 55.201 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDIC050

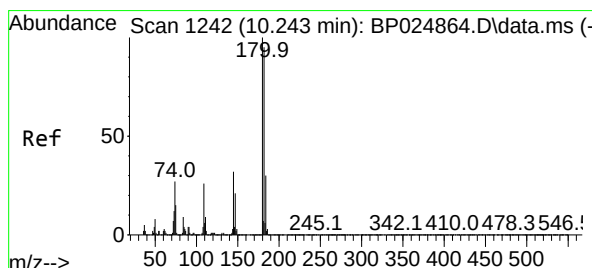
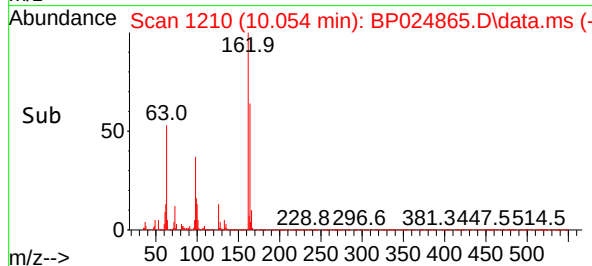
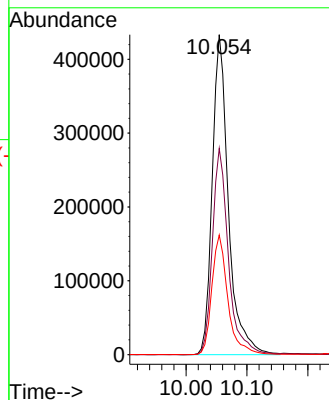
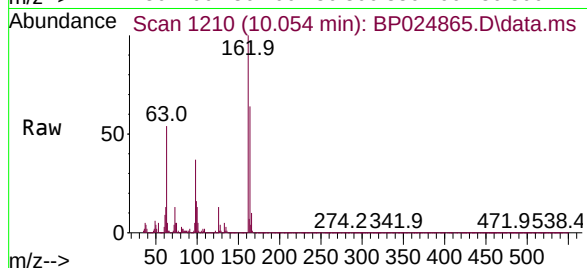
Tgt Ion:162 Resp: 797316

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 37.4 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 52.640 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

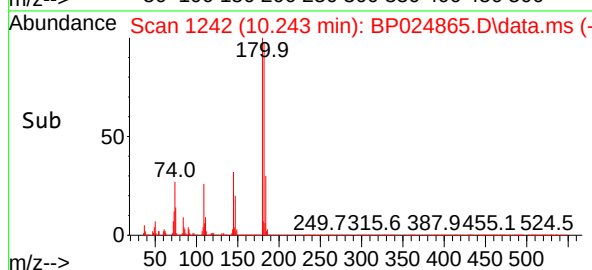
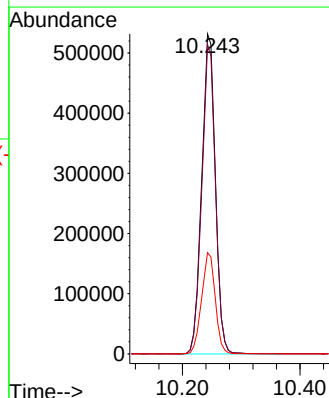
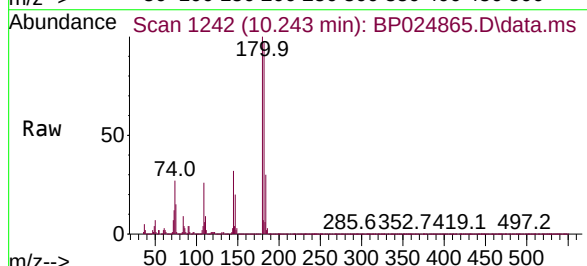
Tgt Ion:180 Resp: 857570

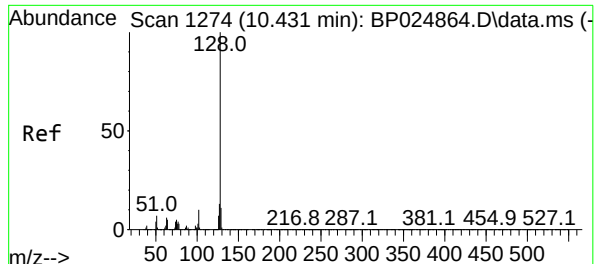
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

145 31.7 25.7 38.5

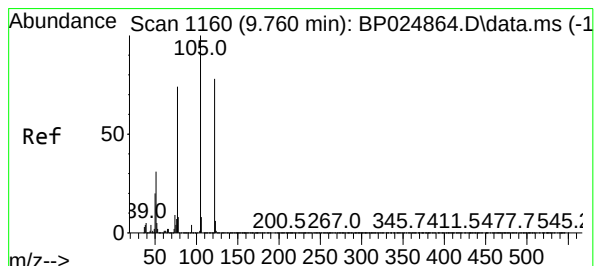
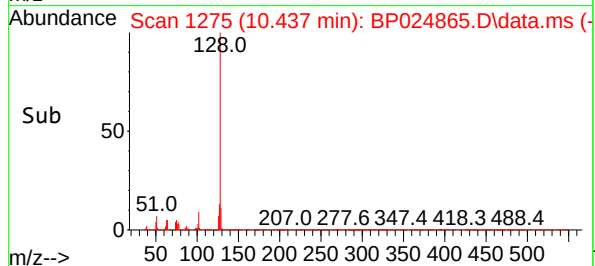
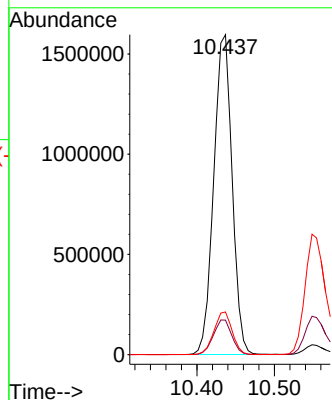
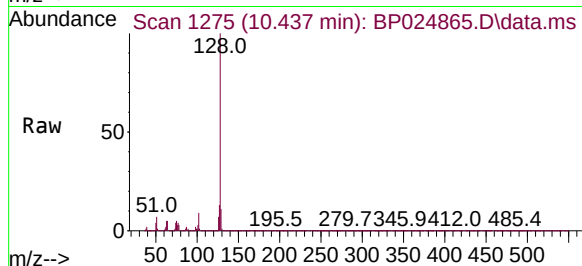




#31
Naphthalene
Concen: 52.637 ng
RT: 10.437 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

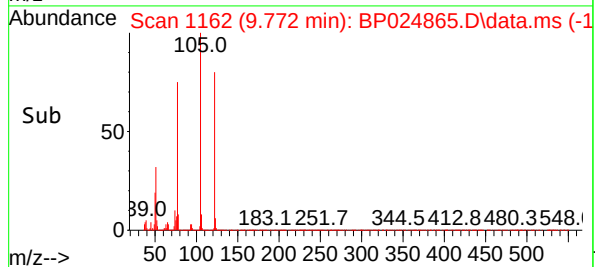
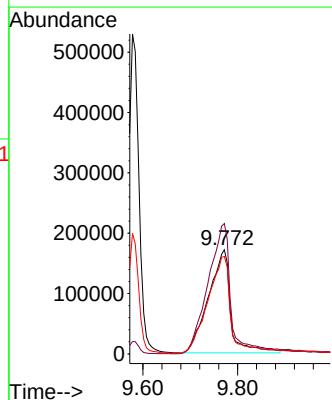
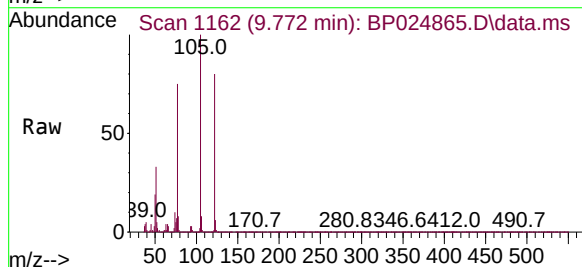
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

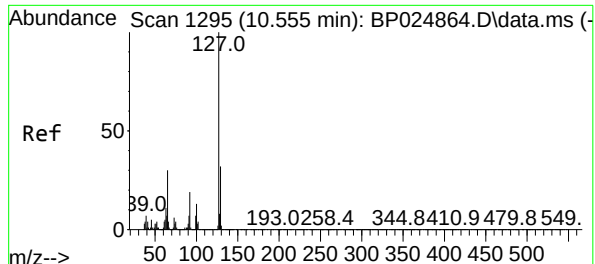
Tgt Ion:128 Resp: 2630251
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 55.936 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:122 Resp: 561400
Ion Ratio Lower Upper
122 100
105 125.3 107.1 147.1
77 93.6 75.1 115.1



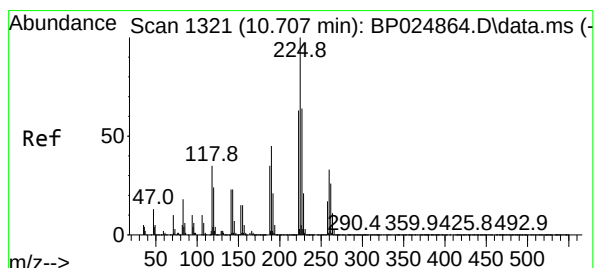
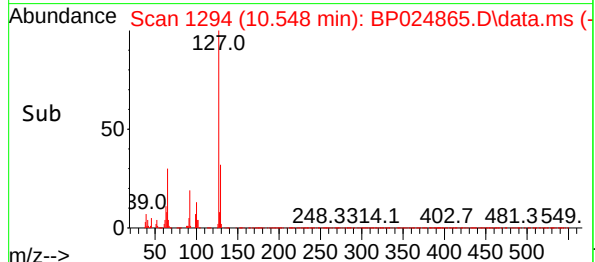
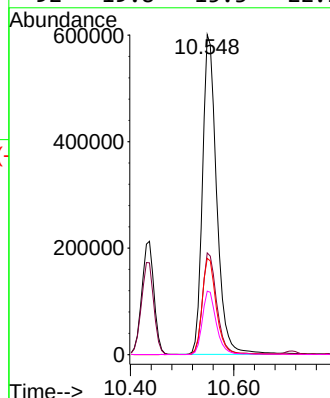
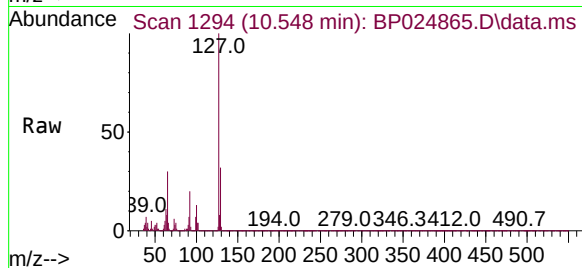


#33
4-Chloroaniline
Concen: 54.855 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1148401

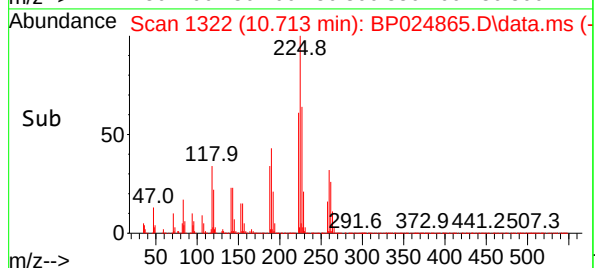
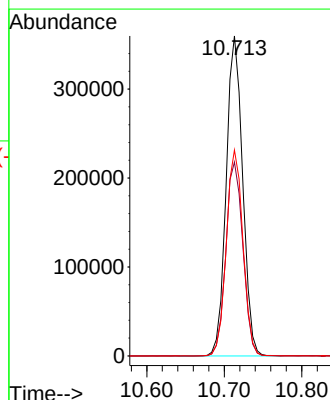
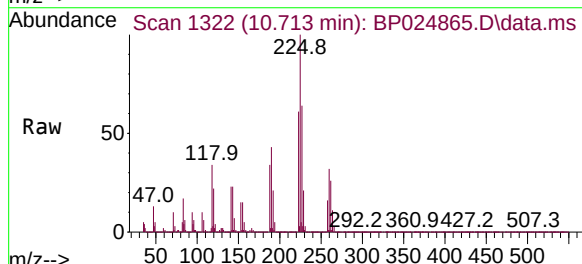
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.1	23.9	35.9
92	19.8	15.3	22.9

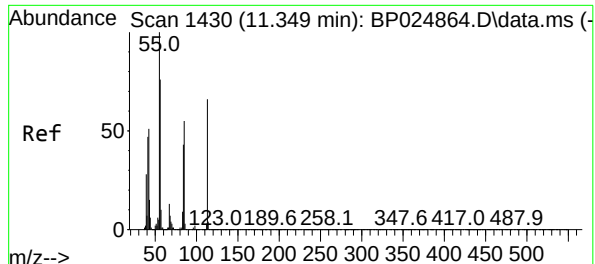


#34
Hexachlorobutadiene
Concen: 54.184 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:225 Resp: 532031

Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.5	75.7
227	64.3	51.4	77.2

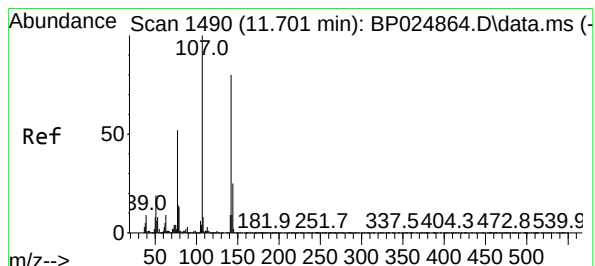
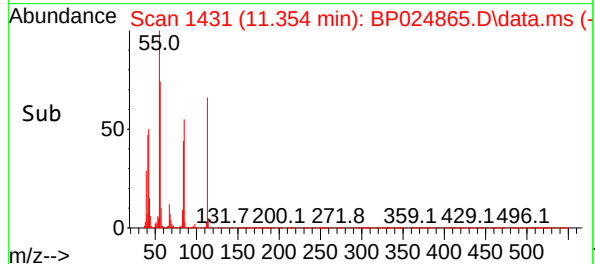
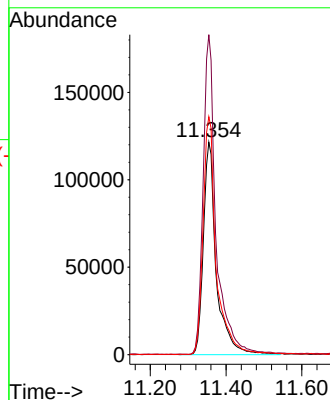
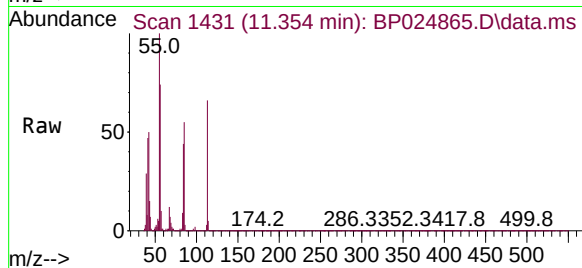




#35
Caprolactam
Concen: 54.183 ng
RT: 11.354 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

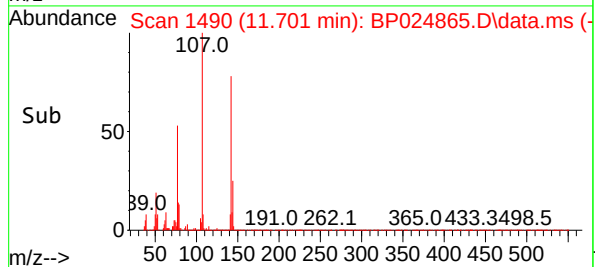
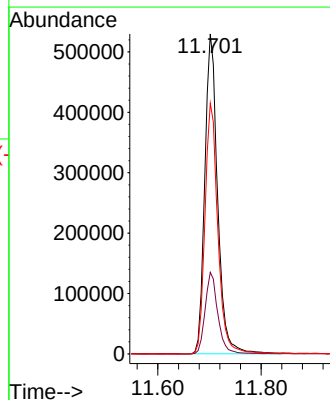
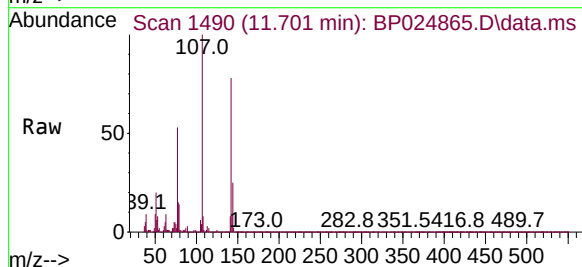
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

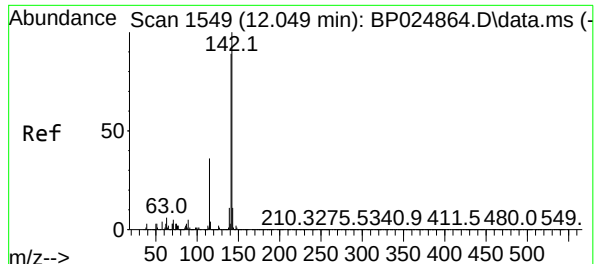
Tgt Ion	Ratio	Lower	Upper
113	100		
55	150.6	132.5	172.5
56	112.0	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 54.747 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	78.3	63.8	95.6

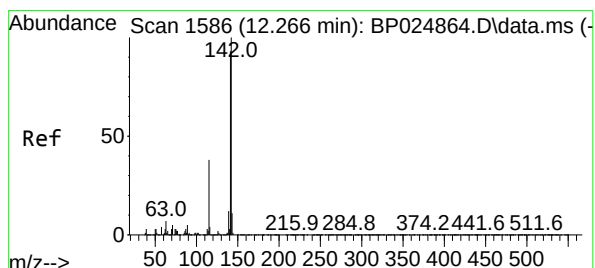
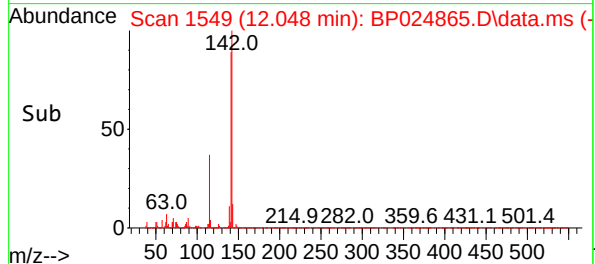
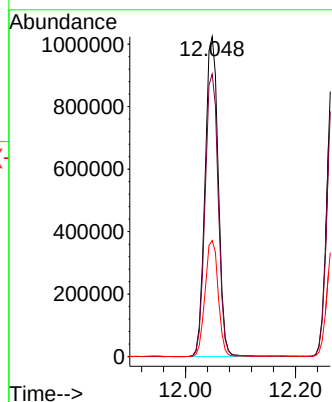
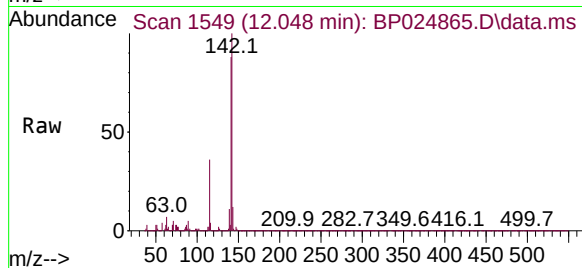




#37
2-Methylnaphthalene
Concen: 53.539 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

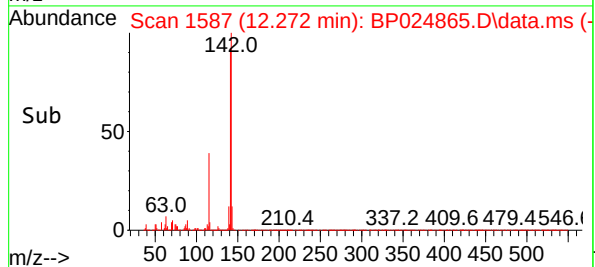
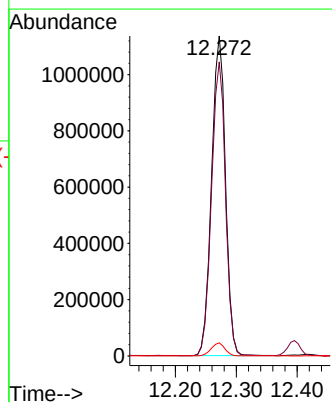
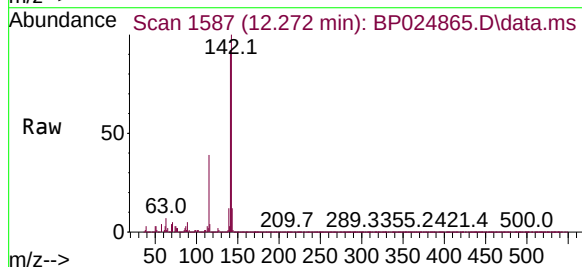
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

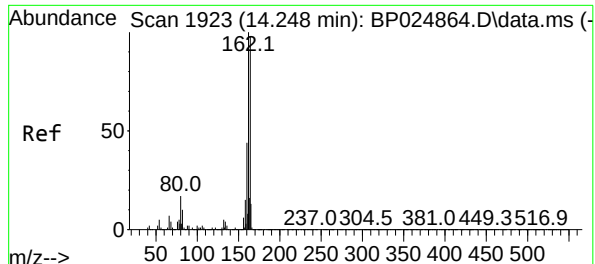
Tgt Ion:142 Resp: 1697018
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8
115 36.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 53.333 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:142 Resp: 1807332
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.260 min Scan# 1923

Delta R.T. 0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

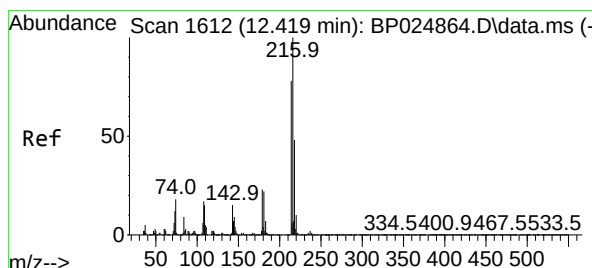
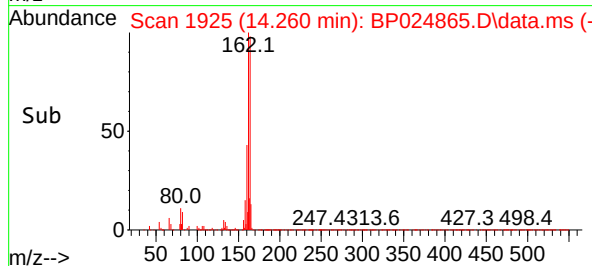
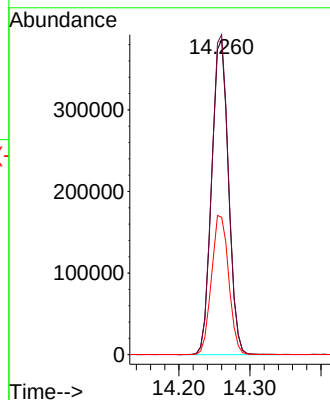
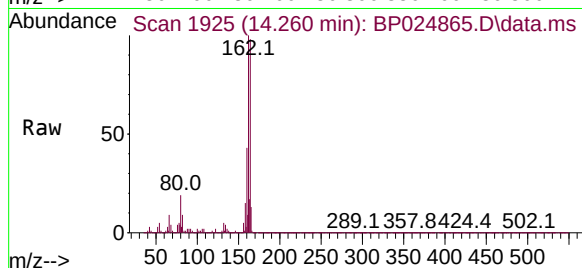
Tgt Ion:164 Resp: 631564

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 43.7 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.992 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion:216 Resp: 949667

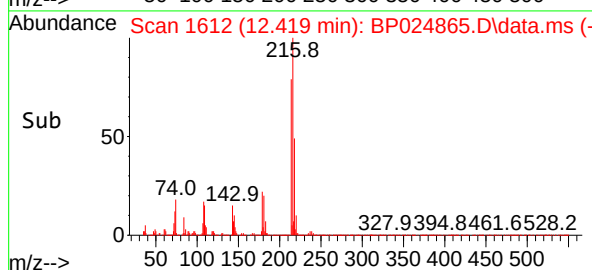
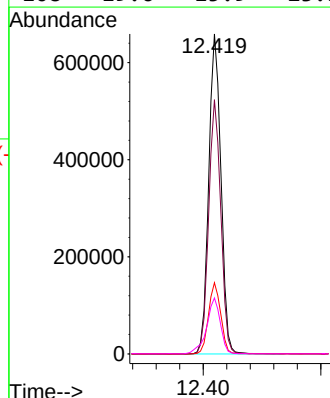
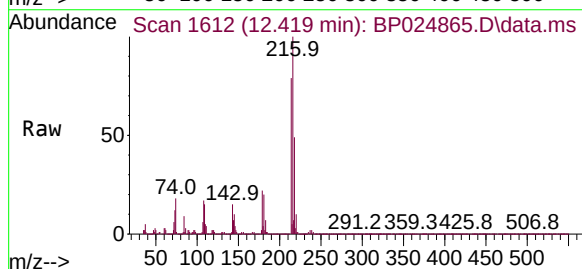
Ion Ratio Lower Upper

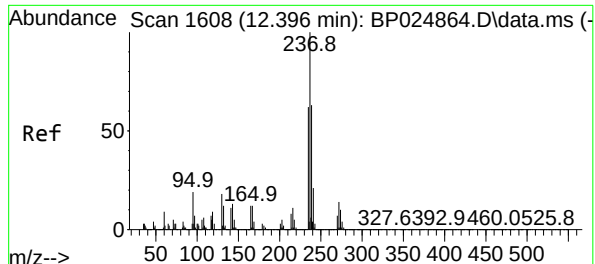
216 100

214 79.0 63.0 94.4

179 22.2 17.8 26.6

108 19.6 15.9 23.9

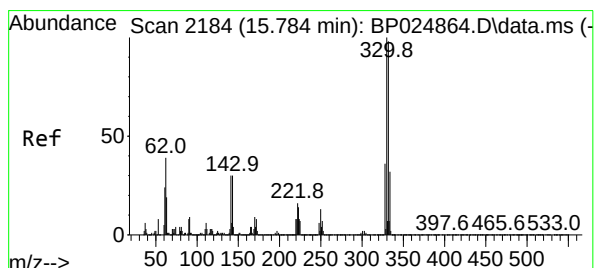
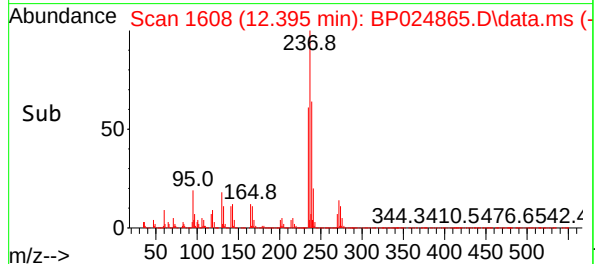
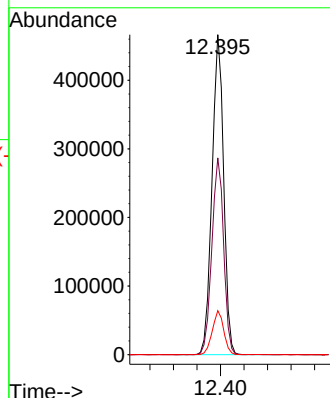
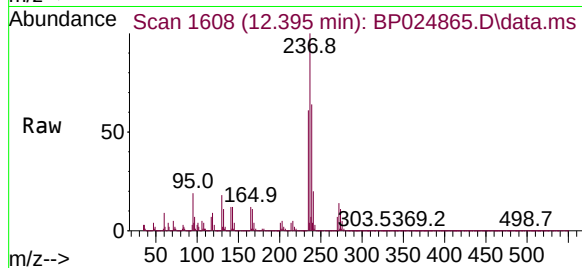




#41
Hexachlorocyclopentadiene
Concen: 58.420 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

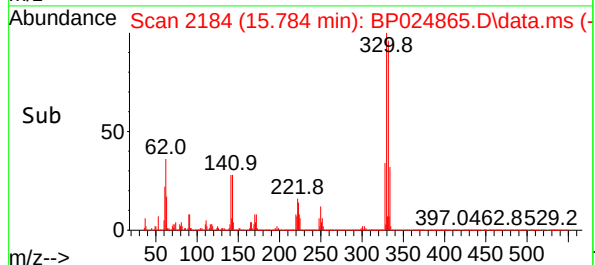
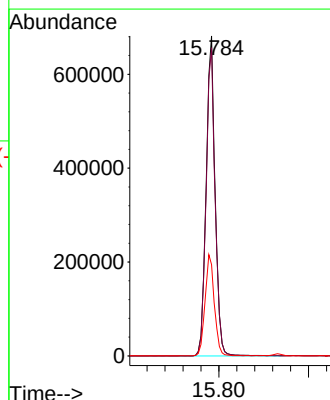
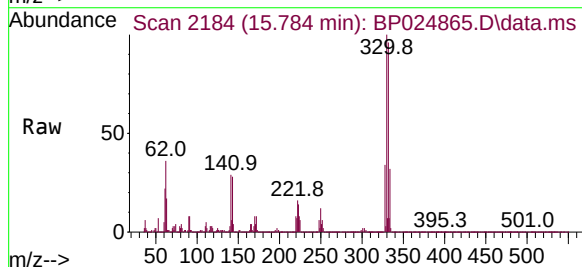
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

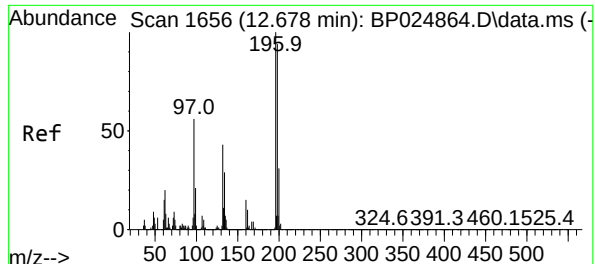
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.9	81.9
272	13.7	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 107.721 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.9	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 53.966 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

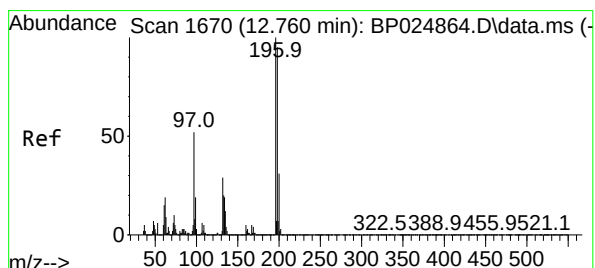
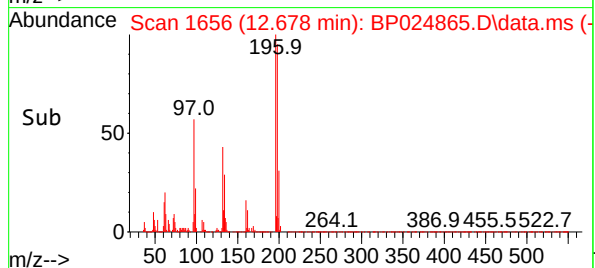
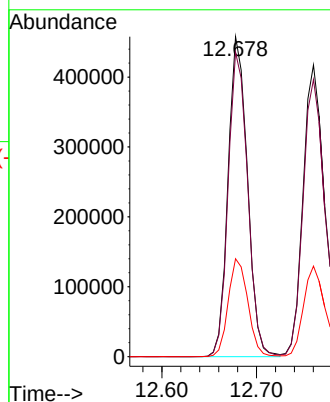
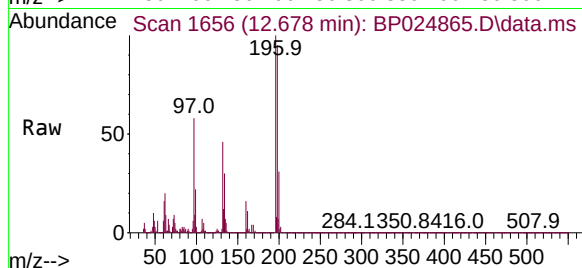
Tgt Ion:196 Resp: 649483

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 54.908 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion:196 Resp: 707702

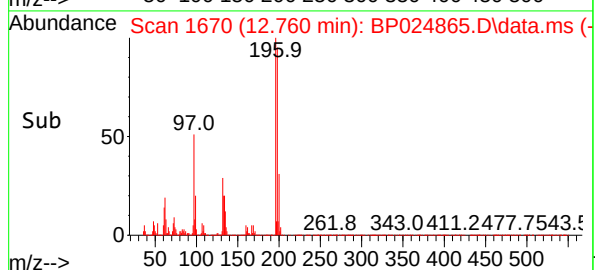
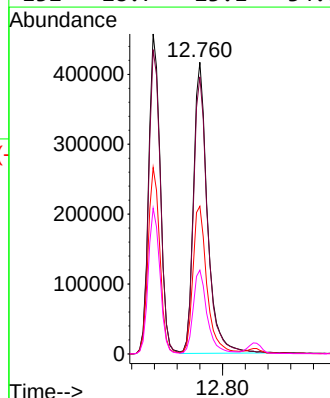
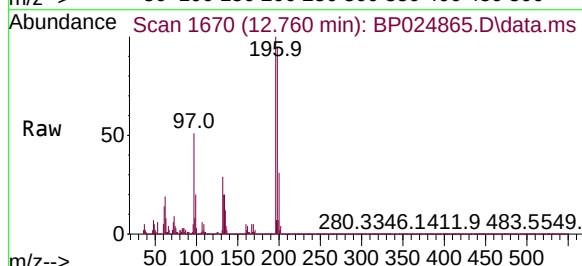
Ion Ratio Lower Upper

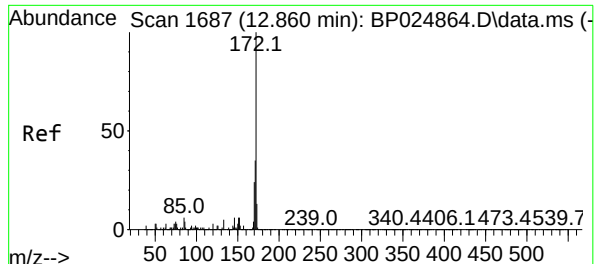
196 100

198 95.0 76.0 114.0

97 50.6 41.5 62.3

132 28.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 105.263 ng

RT: 12.860 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

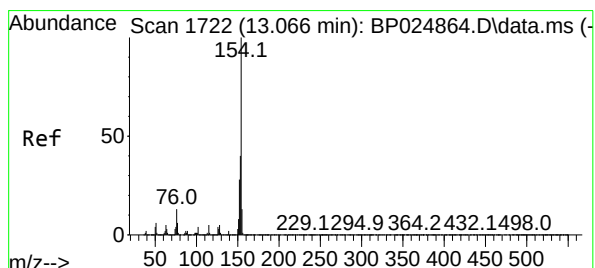
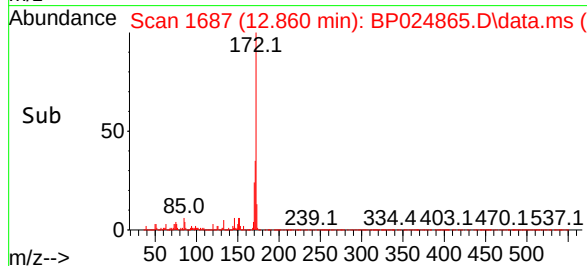
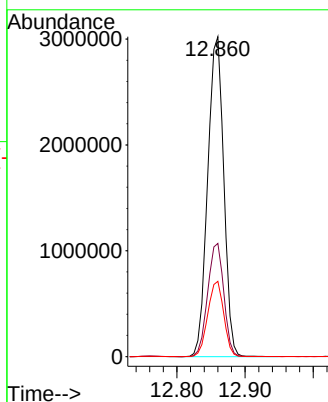
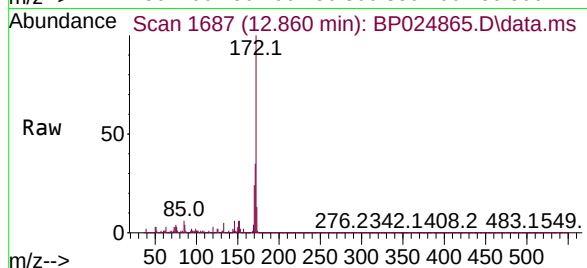
Tgt Ion:172 Resp: 4934980

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.916 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

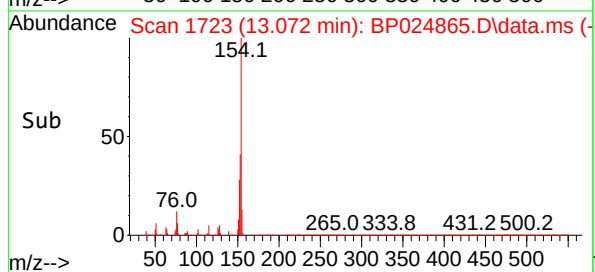
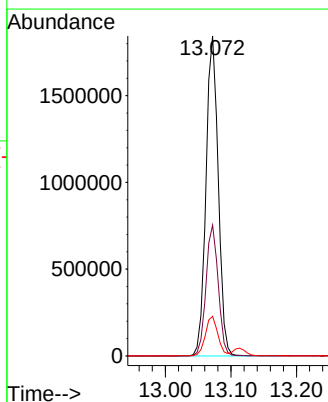
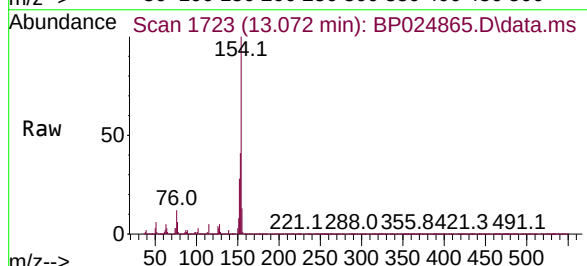
Tgt Ion:154 Resp: 2382821

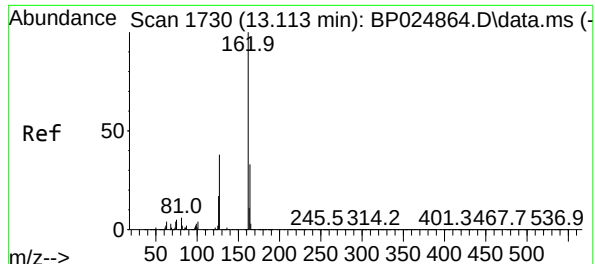
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 12.4 0.0 33.0





#47

2-Chloronaphthalene

Concen: 52.435 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

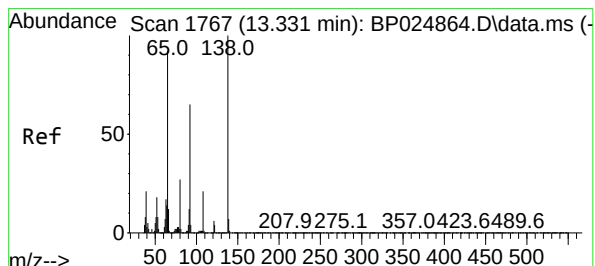
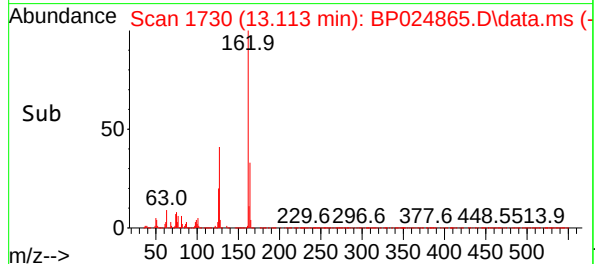
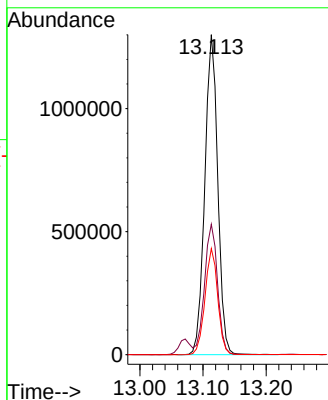
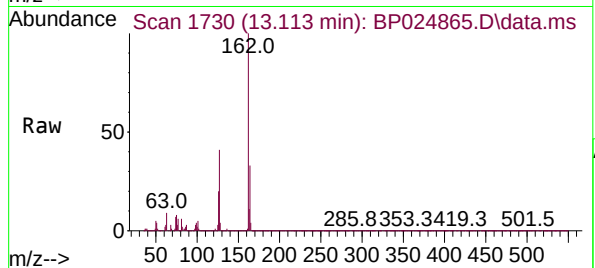
Tgt Ion:162 Resp: 1849683

Ion Ratio Lower Upper

162 100

127 40.7 32.5 48.7

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 54.079 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

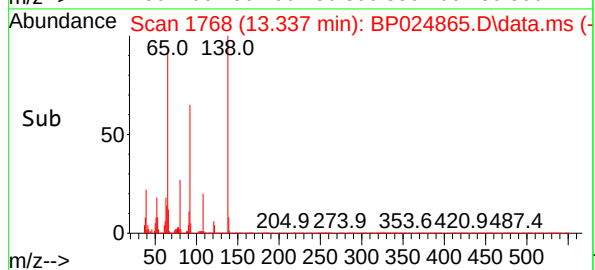
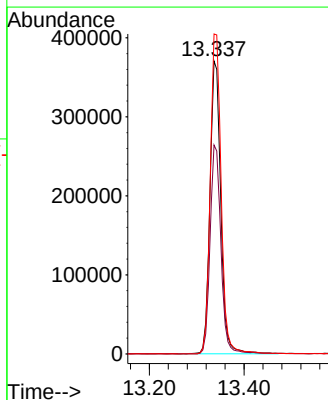
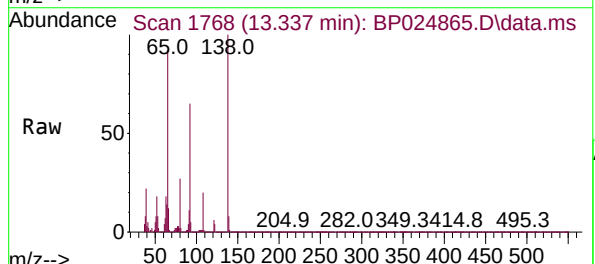
Tgt Ion: 65 Resp: 586484

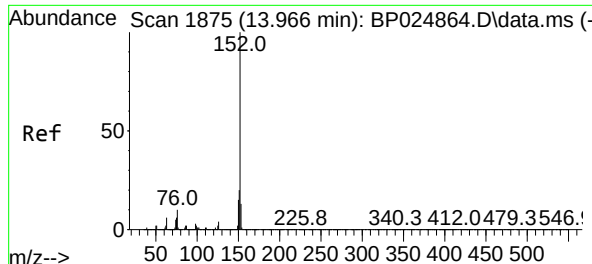
Ion Ratio Lower Upper

65 100

92 71.4 56.8 85.2

138 109.3 86.9 130.3





#49

Acenaphthylene

Concen: 52.061 ng

RT: 13.978 min Scan# 1875

Delta R.T. 0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

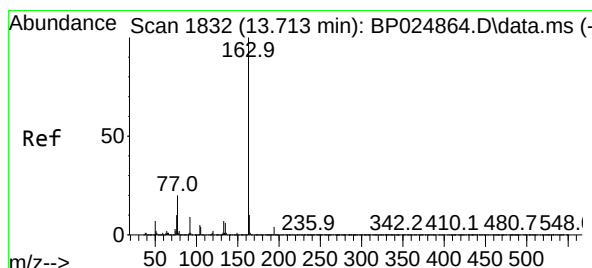
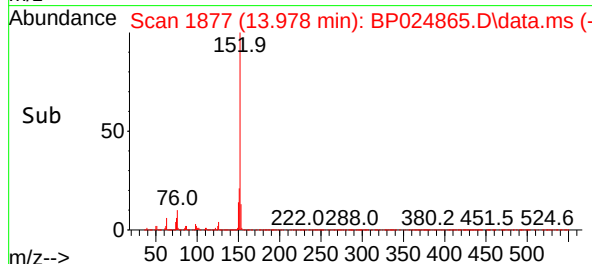
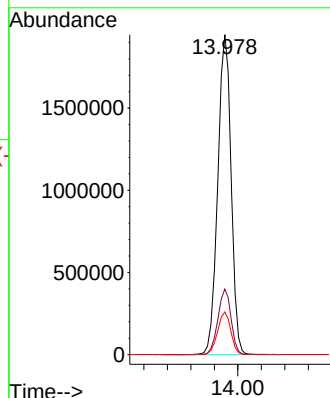
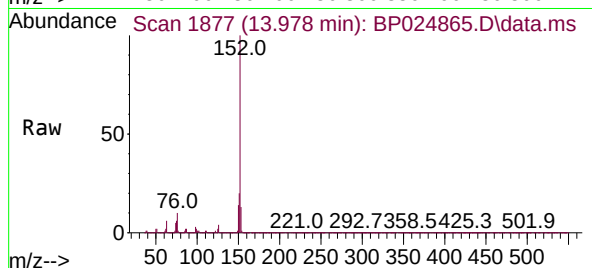
Tgt Ion:152 Resp: 3062130

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 52.527 ng

RT: 13.719 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

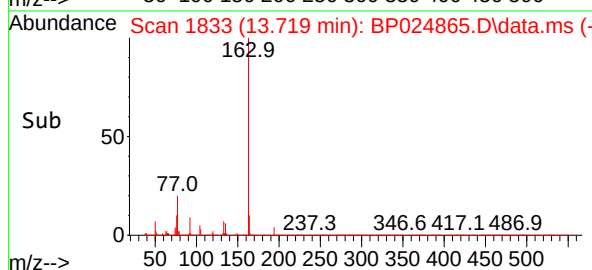
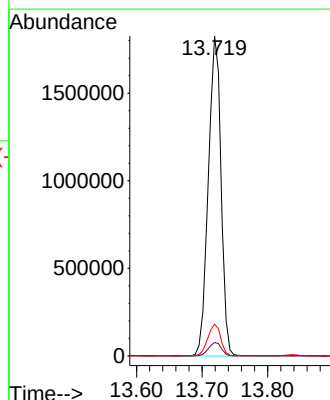
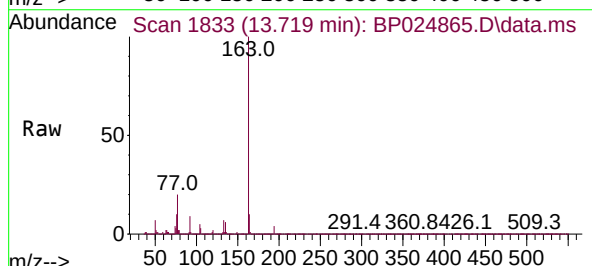
Tgt Ion:163 Resp: 2447212

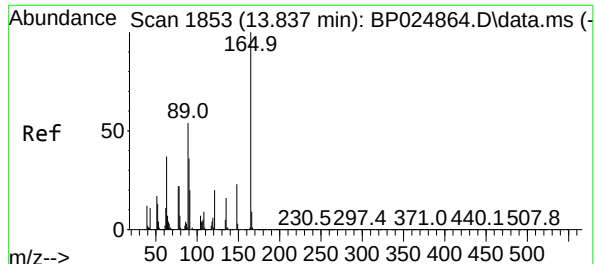
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 8.0 12.0

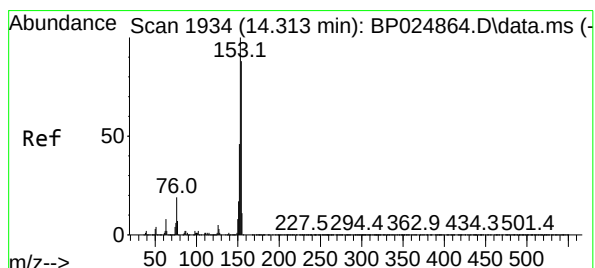
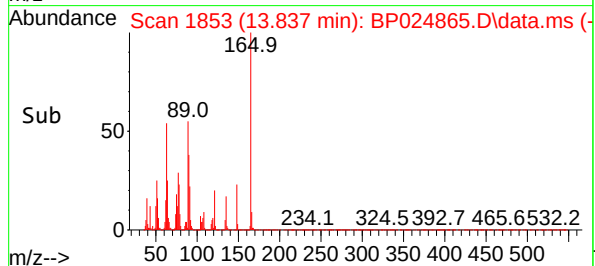
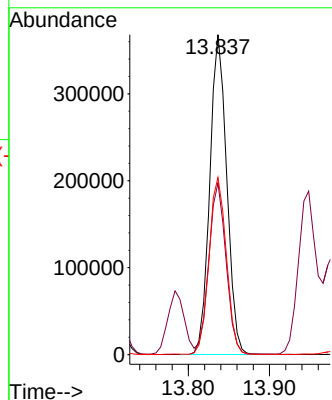
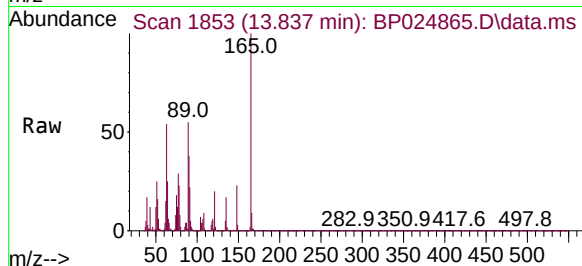




#51
2,6-Dinitrotoluene
Concen: 53.272 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

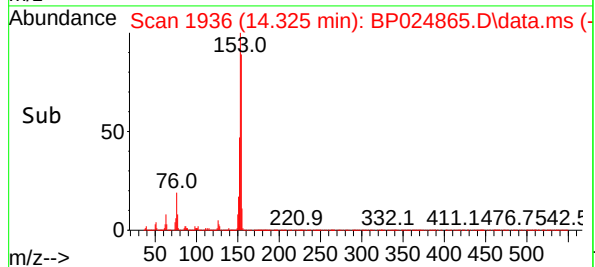
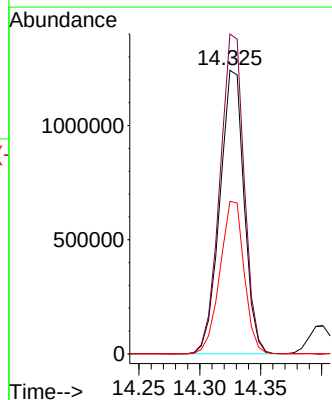
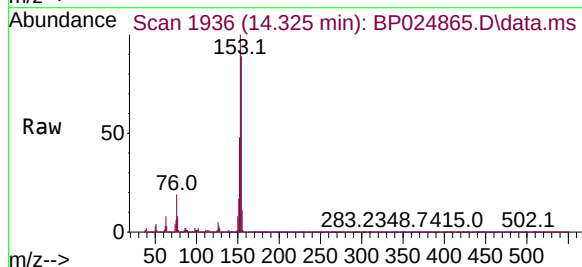
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

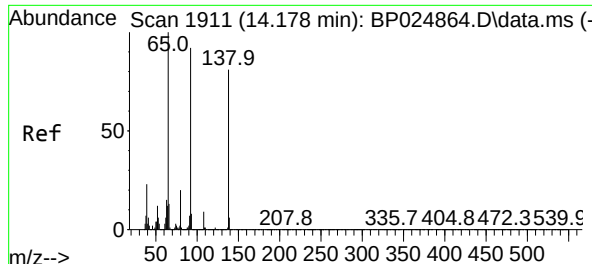
Tgt Ion:165 Resp: 535050
Ion Ratio Lower Upper
165 100
63 53.7 41.8 62.8
89 55.3 43.1 64.7



#52
Acenaphthene
Concen: 50.924 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:154 Resp: 1716357
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 53.8 42.1 63.1

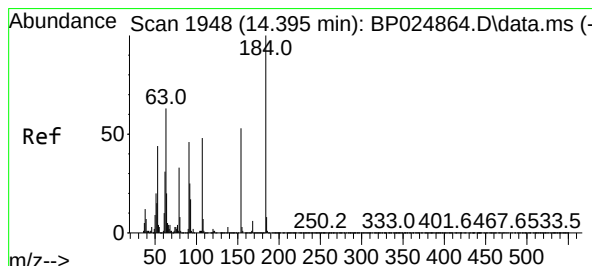
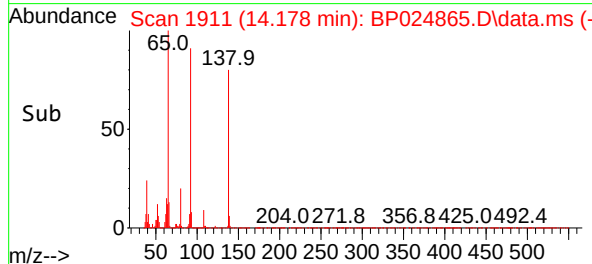
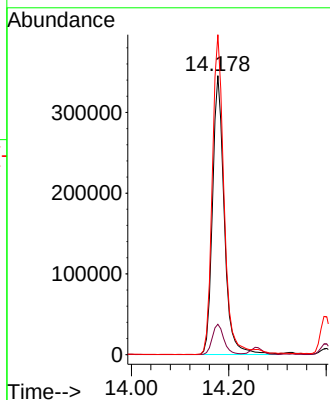
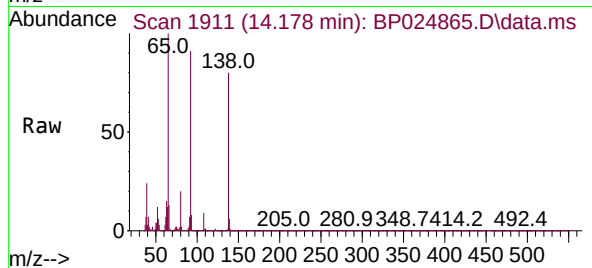




#53
3-Nitroaniline
Concen: 55.664 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

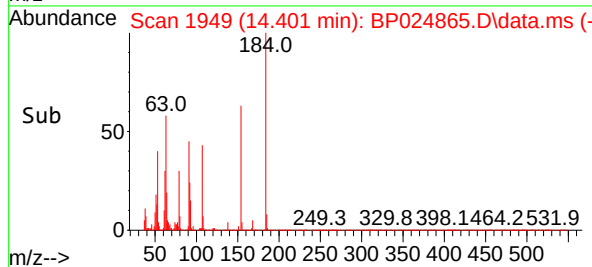
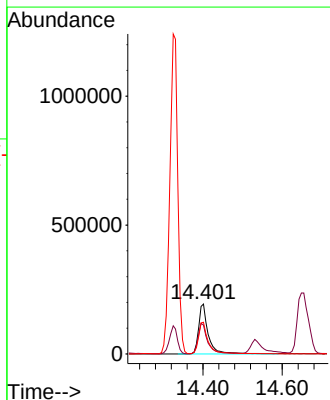
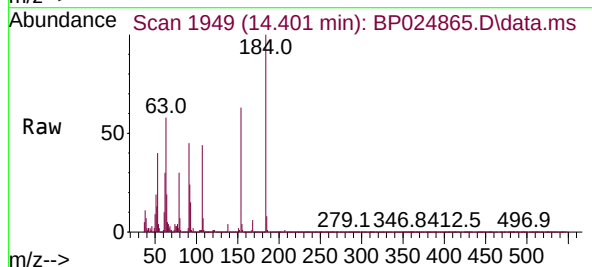
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

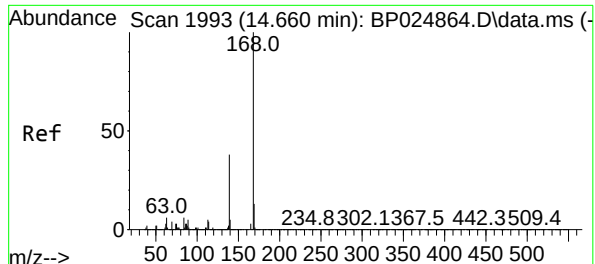
Tgt Ion:138 Resp: 580183
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 51.248 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:184 Resp: 321110
Ion Ratio Lower Upper
184 100
63 57.7 51.0 76.4
154 63.4 51.7 77.5

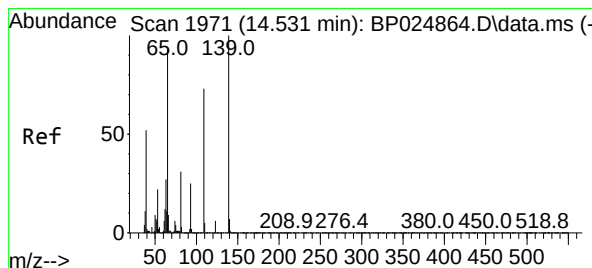
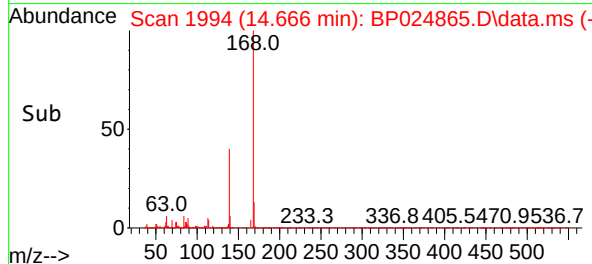
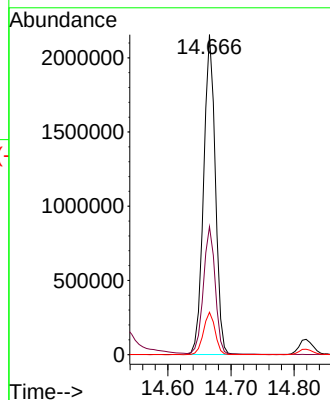
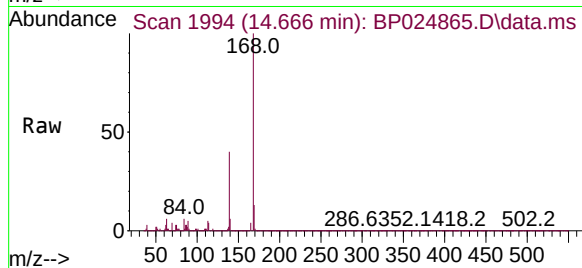




#55
Dibenzofuran
Concen: 51.272 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

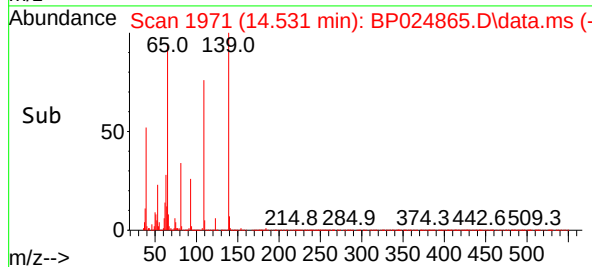
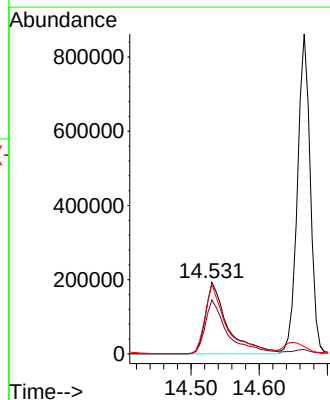
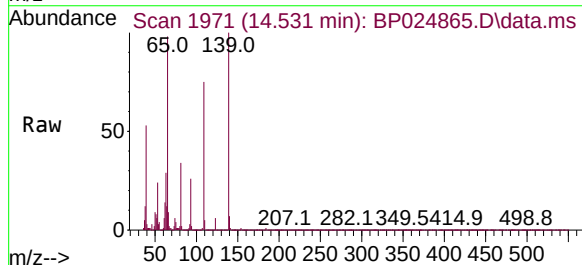
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

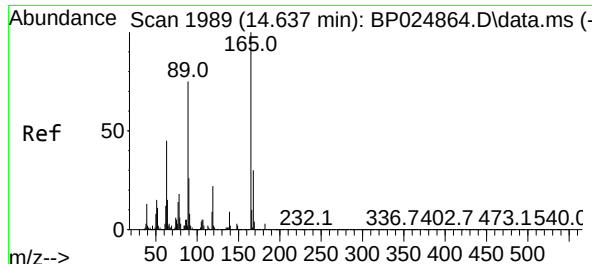
Tgt Ion:168 Resp: 2773911
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 51.384 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:139 Resp: 435101
Ion Ratio Lower Upper
139 100
109 75.4 53.1 93.1
65 98.1 73.0 113.0

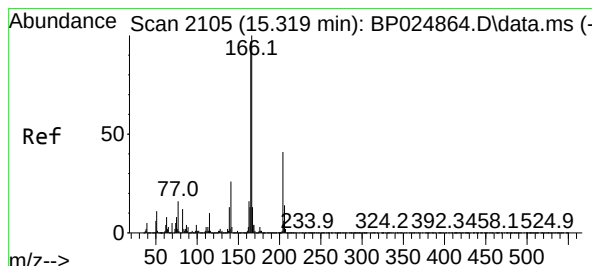
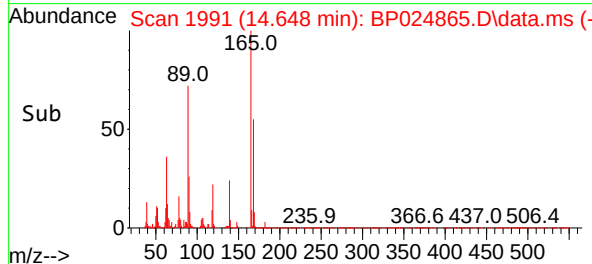
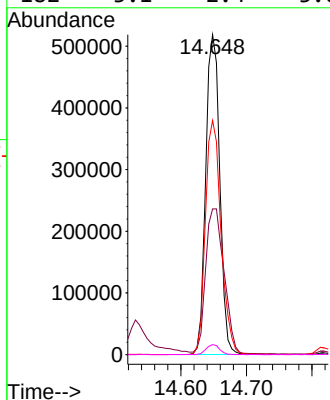
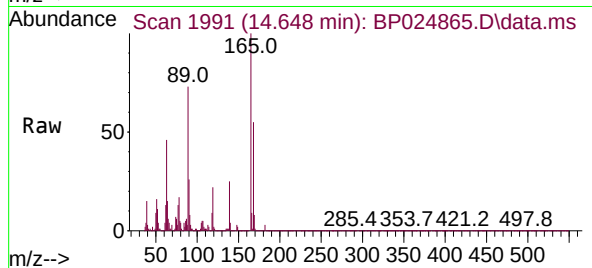




#57
2,4-Dinitrotoluene
Concen: 54.706 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

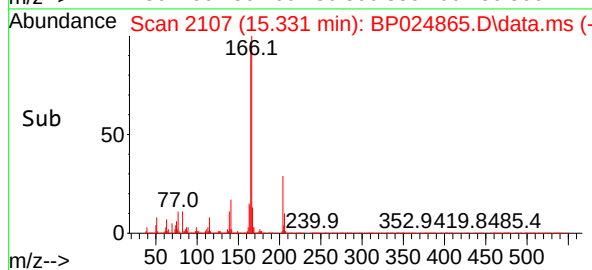
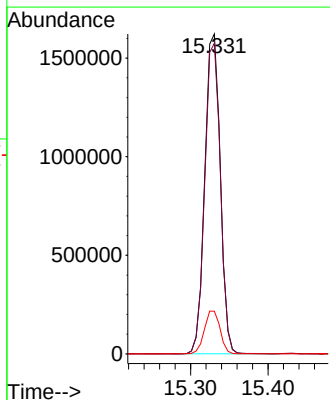
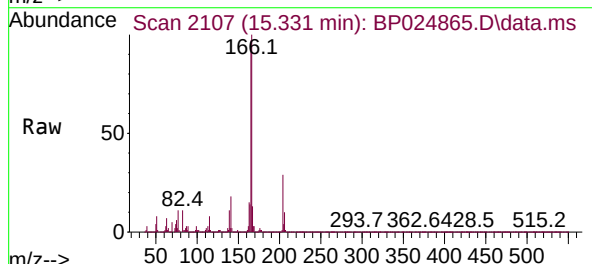
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

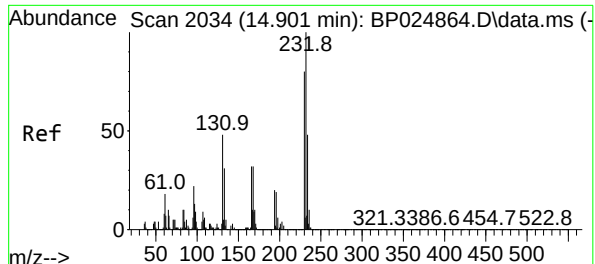
Tgt Ion:165 Resp: 768586
Ion Ratio Lower Upper
165 100
63 45.5 37.0 55.6
89 73.2 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 51.819 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:166 Resp: 2264731
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.063 ng

RT: 14.907 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 623685

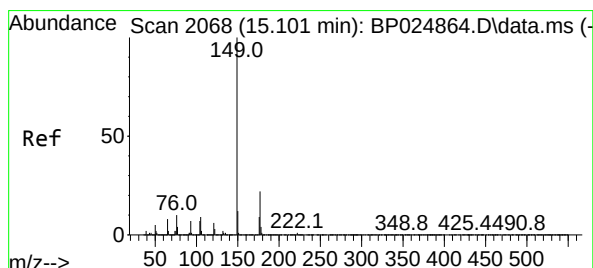
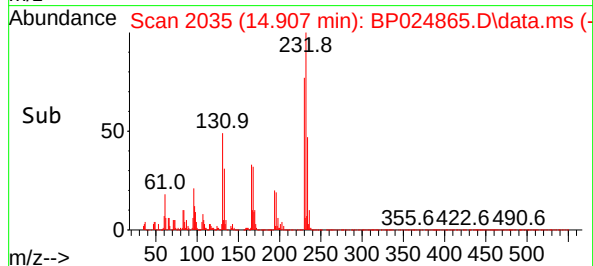
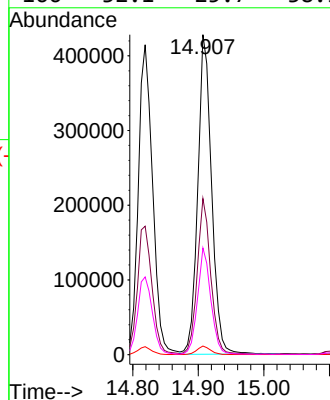
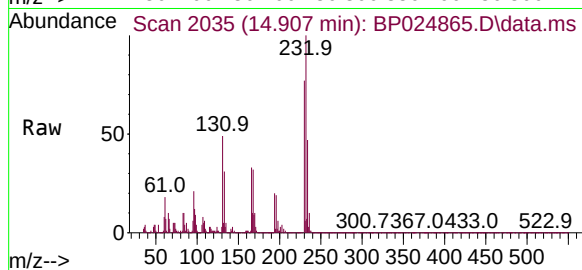
Ion Ratio Lower Upper

232 100

131 47.7 38.2 57.2

130 2.6 2.1 3.1

166 32.1 25.7 38.5



#60

Diethylphthalate

Concen: 52.523 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

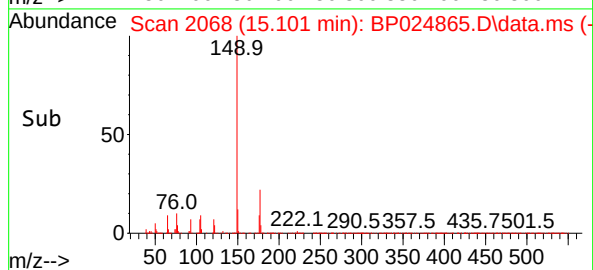
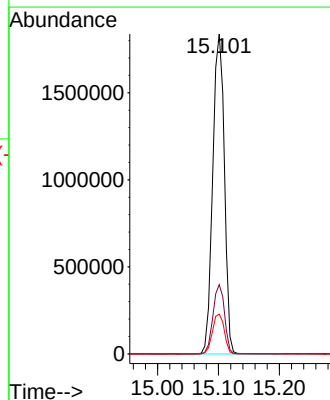
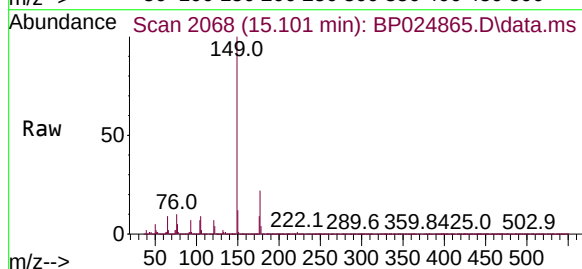
Tgt Ion:149 Resp: 2438733

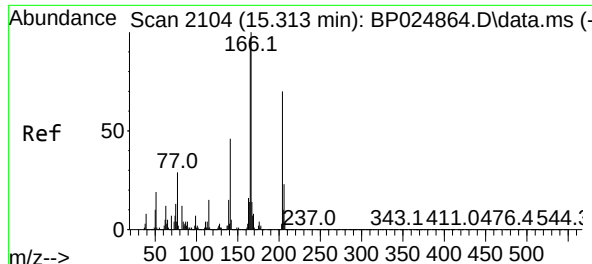
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.4 9.8 14.6

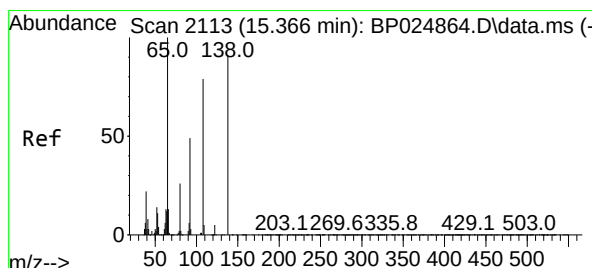
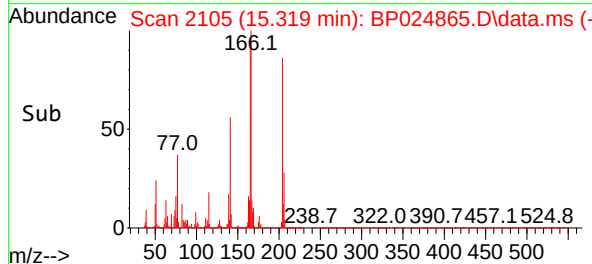
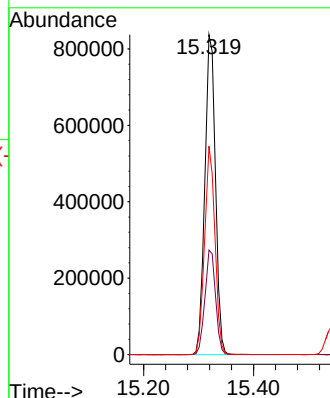
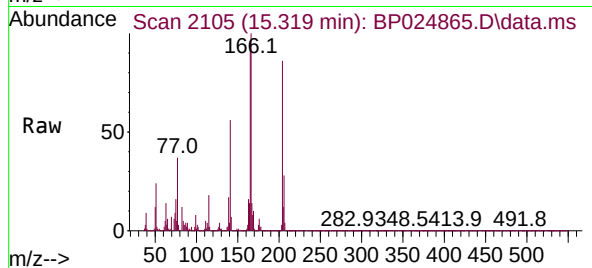




#61
4-Chlorophenyl-phenylether
Concen: 52.365 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

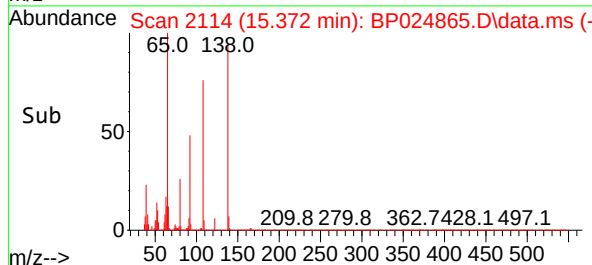
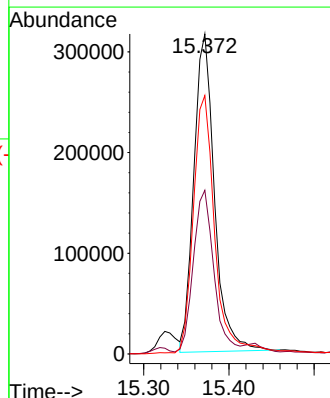
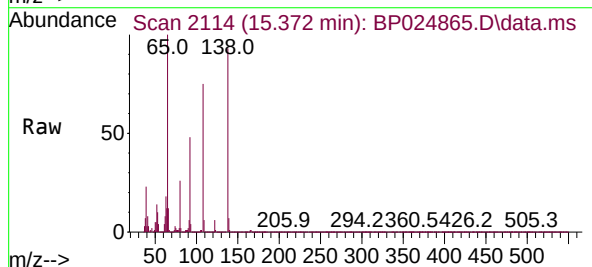
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

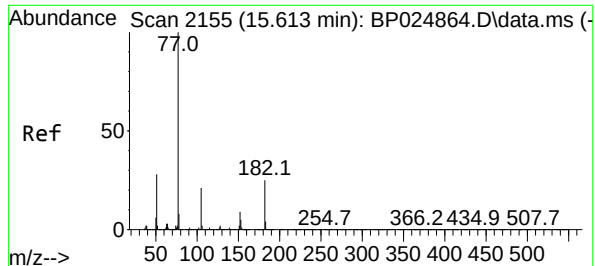
Tgt Ion:204 Resp: 1118999
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 65.1 52.4 78.6



#62
4-Nitroaniline
Concen: 56.050 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:138 Resp: 530012
Ion Ratio Lower Upper
138 100
92 51.1 33.5 73.5
108 80.7 65.1 105.1





#63

Azobenzene

Concen: 52.821 ng

RT: 15.619 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 2249353

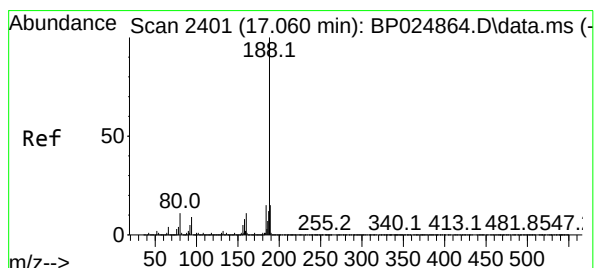
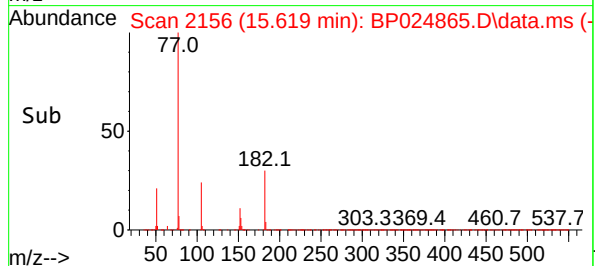
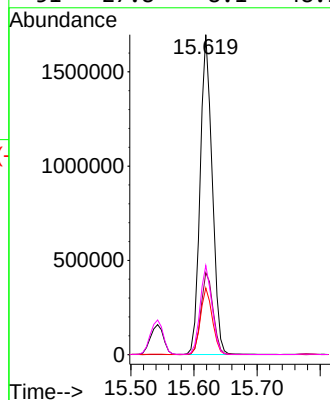
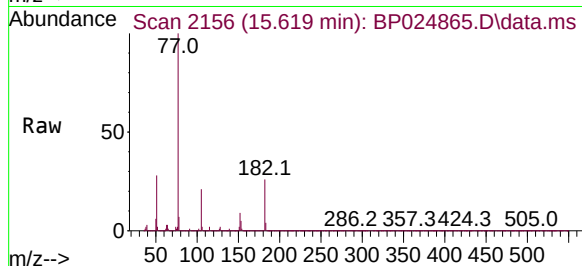
Ion Ratio Lower Upper

77 100

182 25.6 5.4 45.4

105 20.8 0.8 40.8

51 27.8 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.072 min Scan# 2403

Delta R.T. 0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

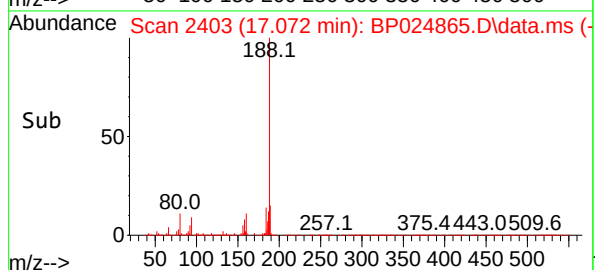
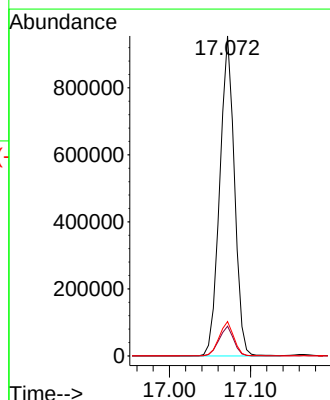
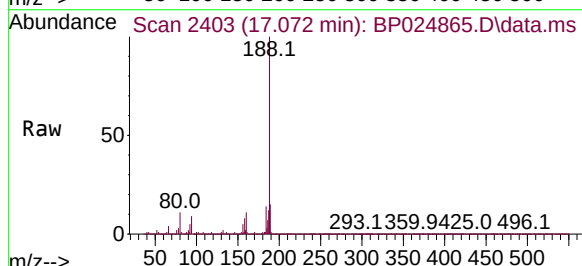
Tgt Ion: 188 Resp: 1197709

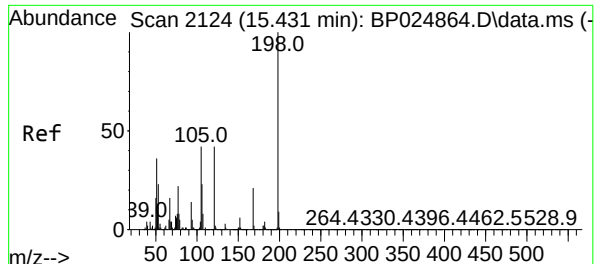
Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

80 10.7 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 55.863 ng

RT: 15.431 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

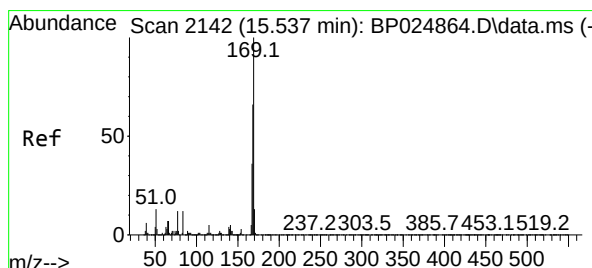
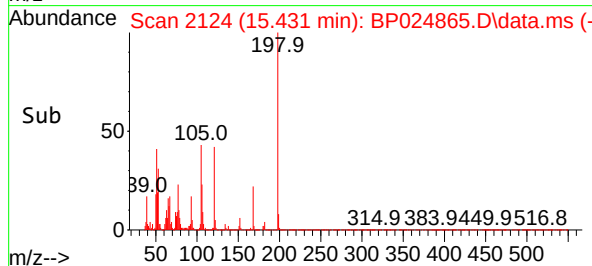
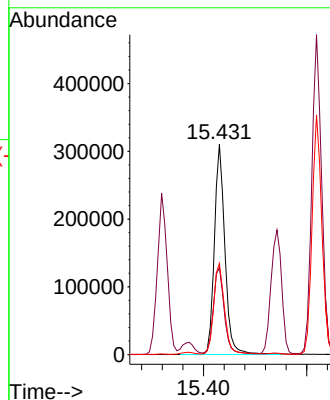
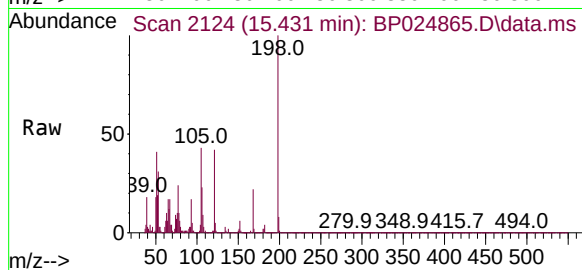
Tgt Ion:198 Resp: 439647

Ion Ratio Lower Upper

198 100

51 41.4 19.2 59.2

105 43.3 22.6 62.6



#66

n-Nitrosodiphenylamine

Concen: 53.178 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

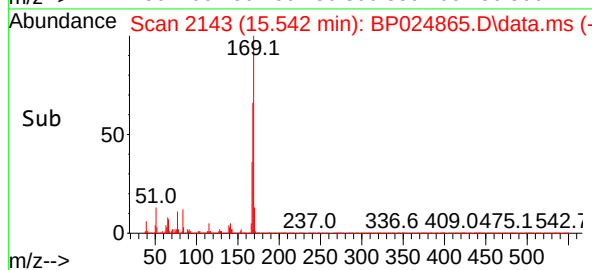
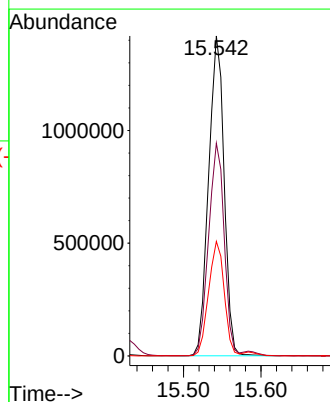
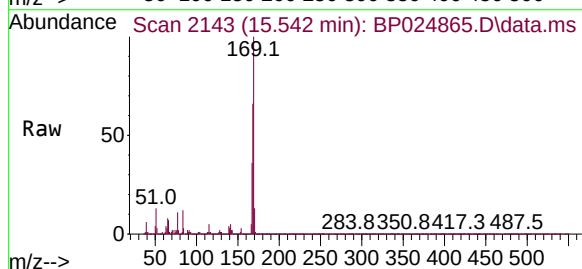
Tgt Ion:169 Resp: 1974147

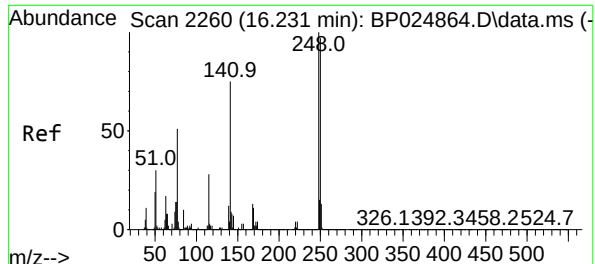
Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.6

167 35.8 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 54.595 ng

RT: 16.236 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

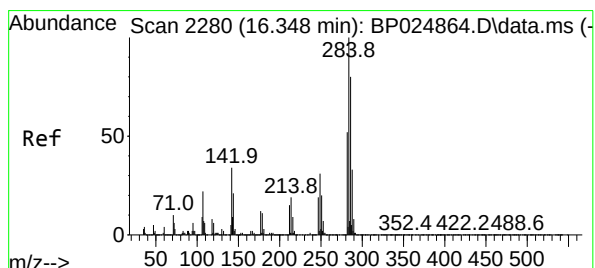
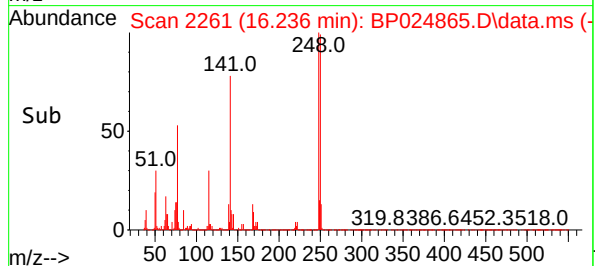
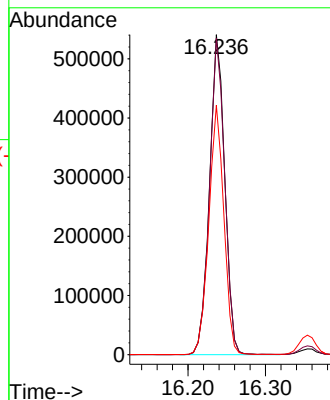
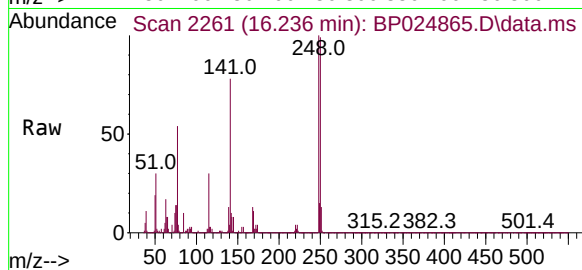
Tgt Ion:248 Resp: 737798

Ion Ratio Lower Upper

248 100

250 98.8 77.4 116.2

141 77.9 59.9 89.9



#68

Hexachlorobenzene

Concen: 52.948 ng

RT: 16.354 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

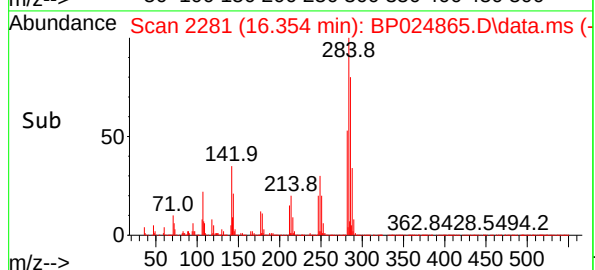
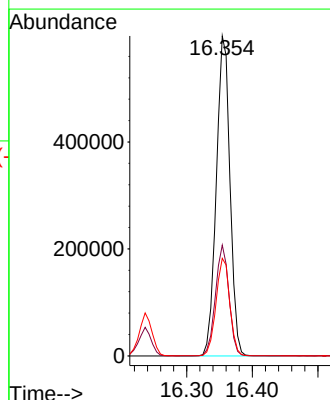
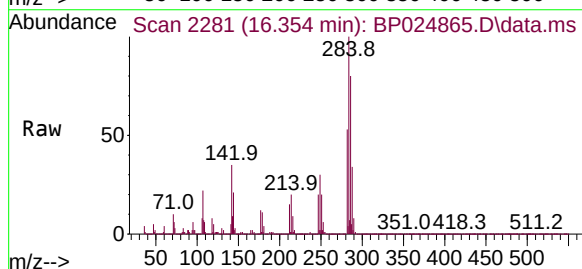
Tgt Ion:284 Resp: 867444

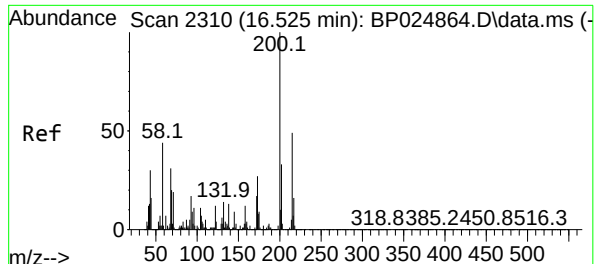
Ion Ratio Lower Upper

284 100

142 34.6 27.0 40.6

249 30.5 25.0 37.6

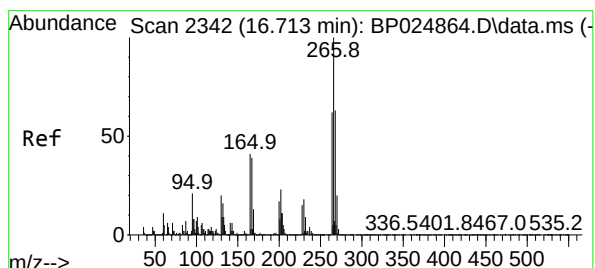
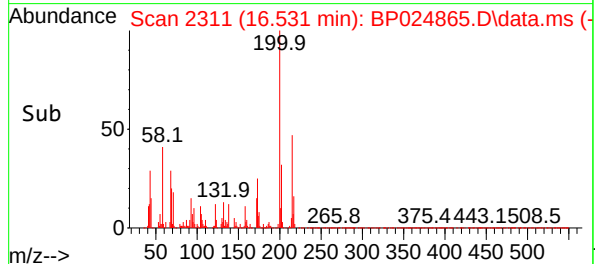
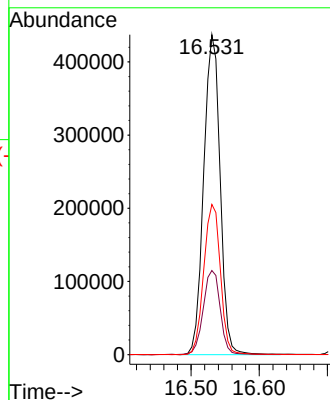
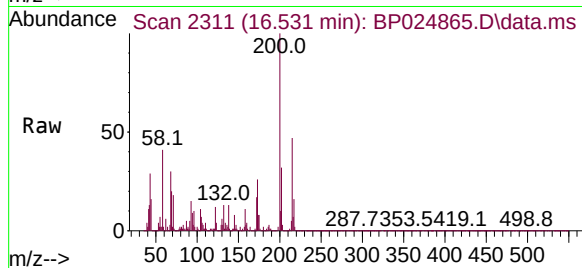




#69
Atrazine
Concen: 54.392 ng
RT: 16.531 min Scan# 2311
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

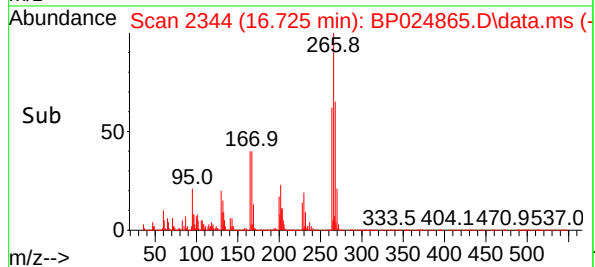
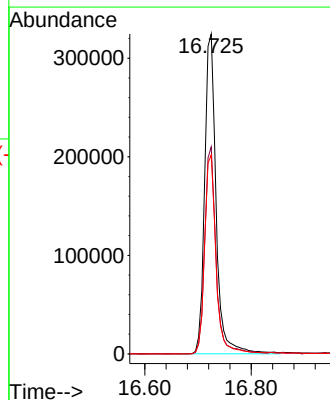
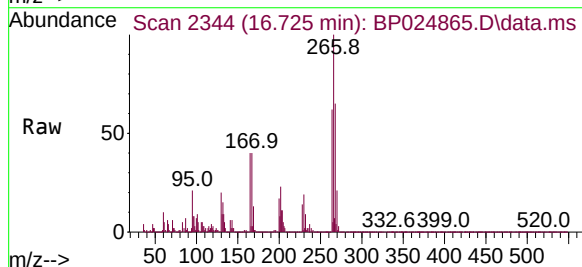
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

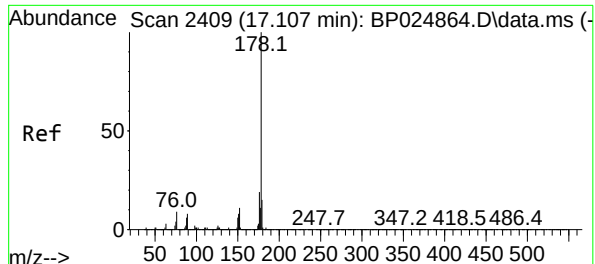
Tgt Ion:200 Resp: 732007
Ion Ratio Lower Upper
200 100
173 26.3 6.9 46.9
215 46.9 28.7 68.7



#70
Pentachlorophenol
Concen: 57.349 ng
RT: 16.725 min Scan# 2344
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:266 Resp: 486264
Ion Ratio Lower Upper
266 100
268 64.7 50.6 76.0
264 62.2 49.7 74.5

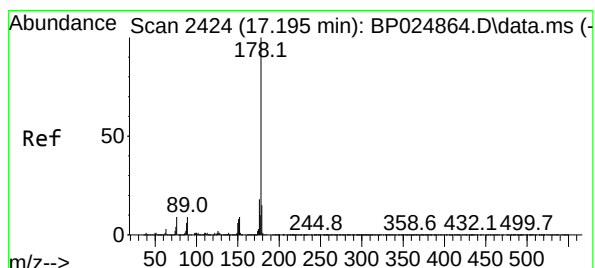
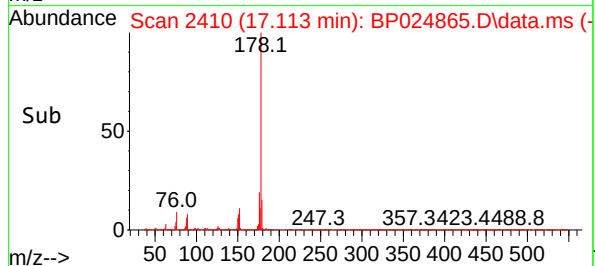
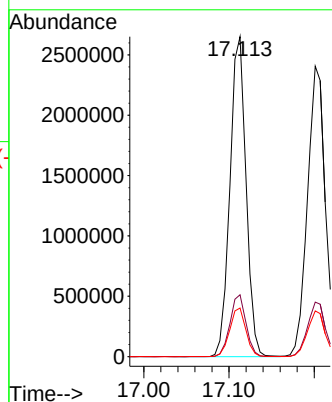
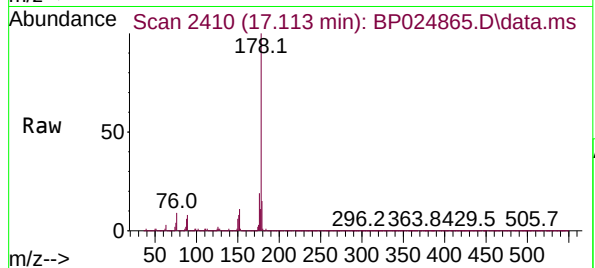




#71
Phenanthrene
Concen: 52.543 ng
RT: 17.113 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

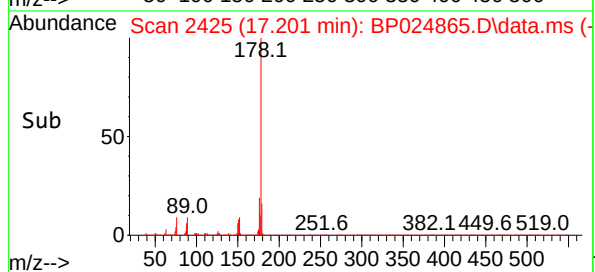
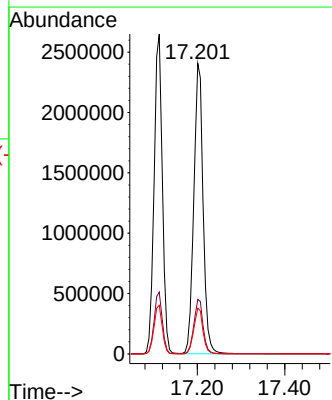
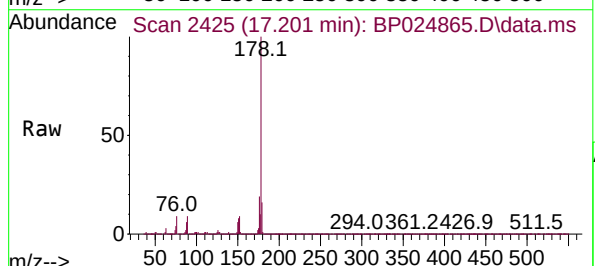
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

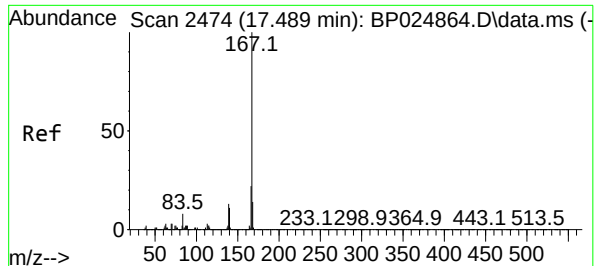
Tgt Ion:178 Resp: 3477677
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.2 12.1 18.1



#72
Anthracene
Concen: 53.089 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:178 Resp: 3558691
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.7 12.3 18.5

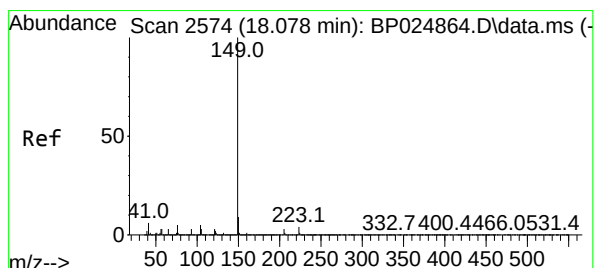
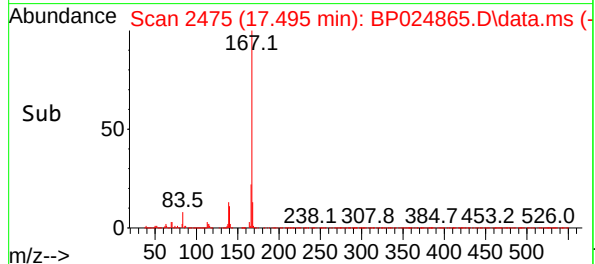
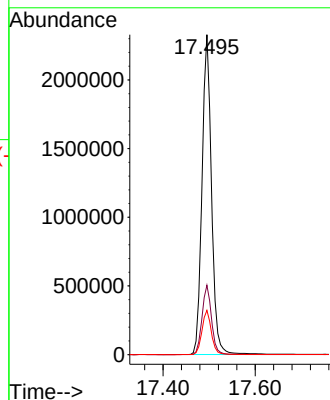
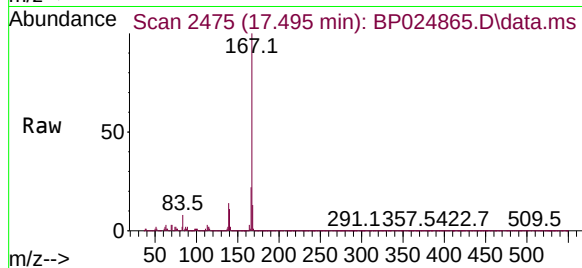




#73
Carbazole
Concen: 53.599 ng
RT: 17.495 min Scan# 2474
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

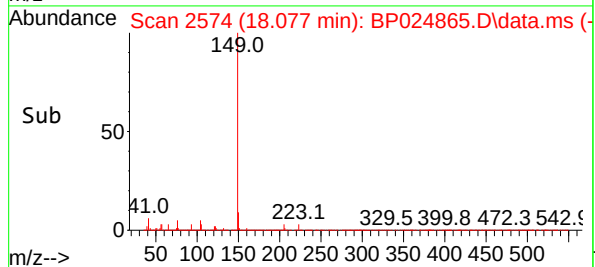
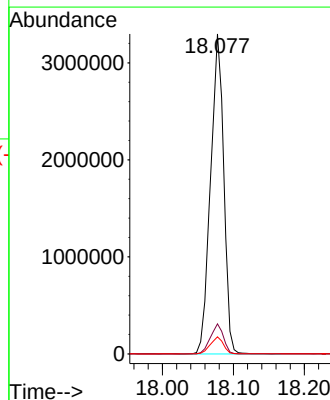
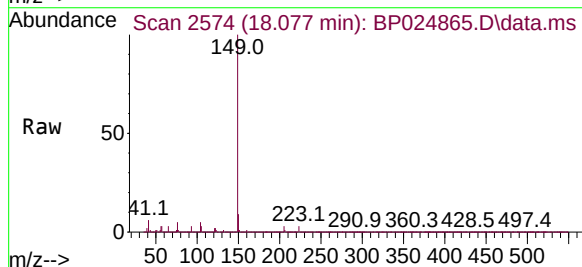
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

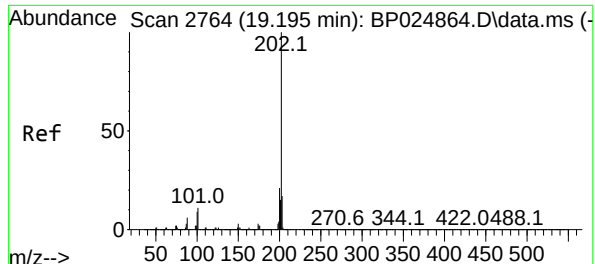
Tgt Ion:167 Resp: 3330211
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.8 10.8 16.2



#74
Di-n-butylphthalate
Concen: 55.253 ng
RT: 18.077 min Scan# 2574
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 4253447
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.3 4.2 6.2

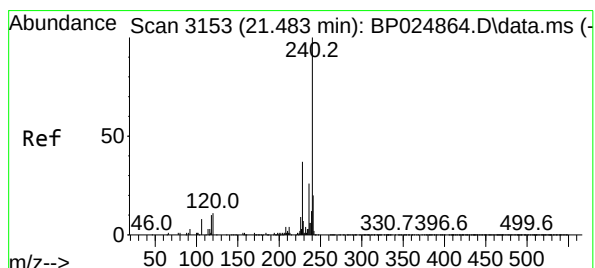
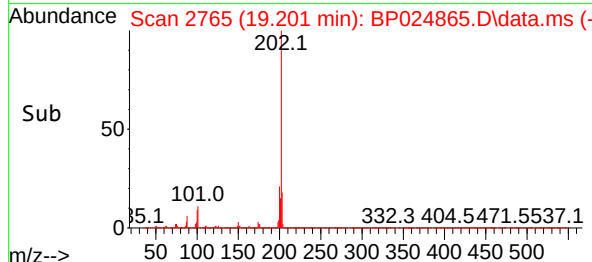
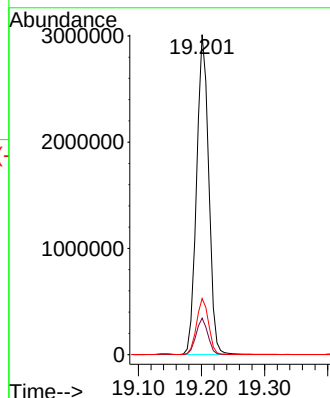
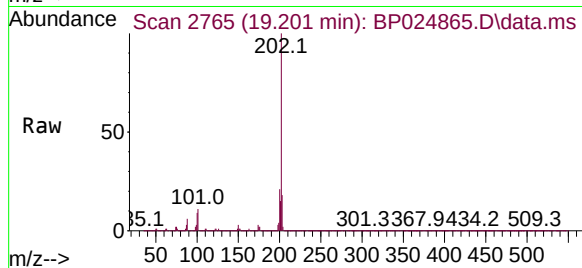




#75
Fluoranthene
Concen: 52.455 ng
RT: 19.201 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

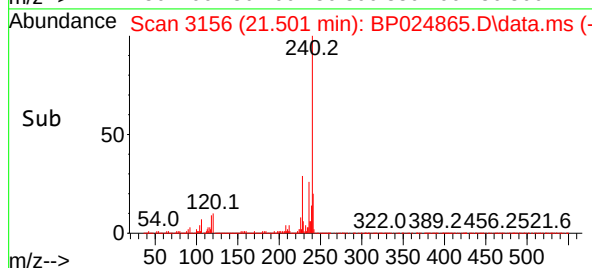
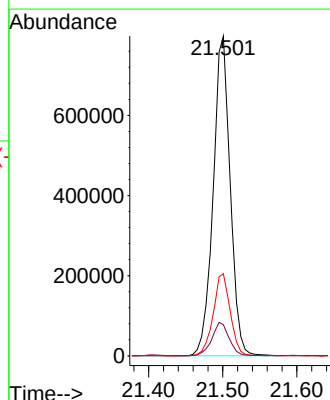
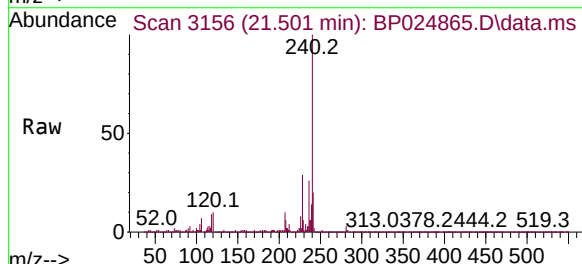
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

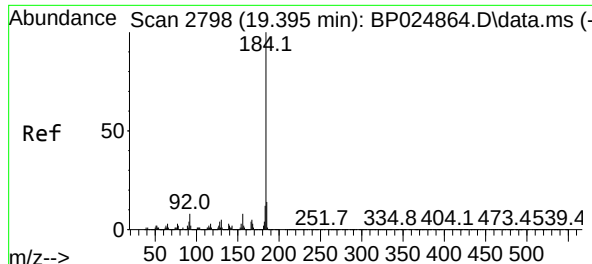
Tgt Ion:202 Resp: 4024039
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.017 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:240 Resp: 1276071
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.7 20.9 31.3

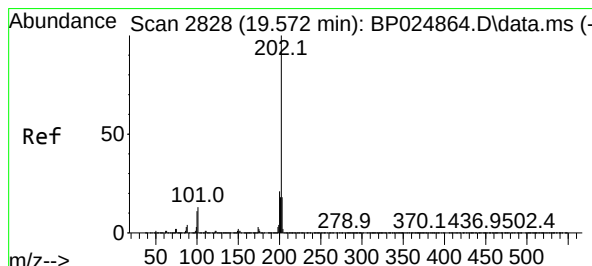
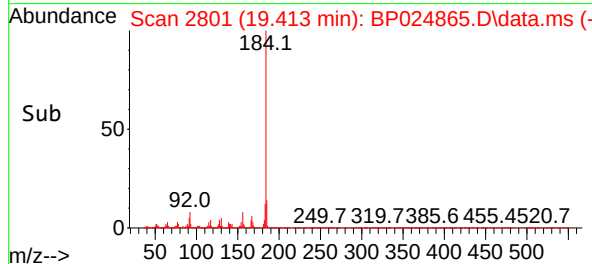
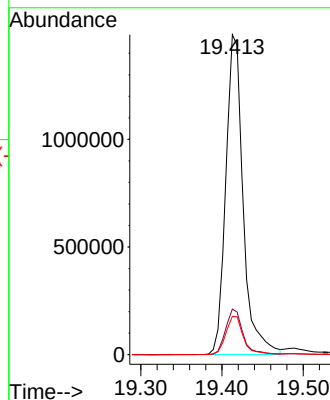
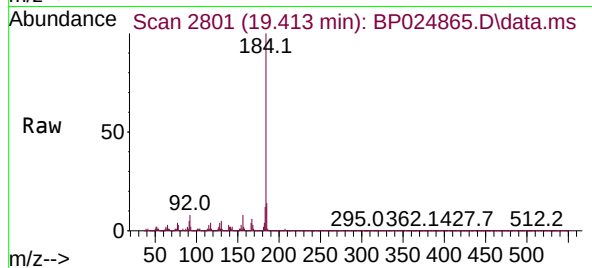




#77
Benzidine
Concen: 55.718 ng
RT: 19.413 min Scan# 2801
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

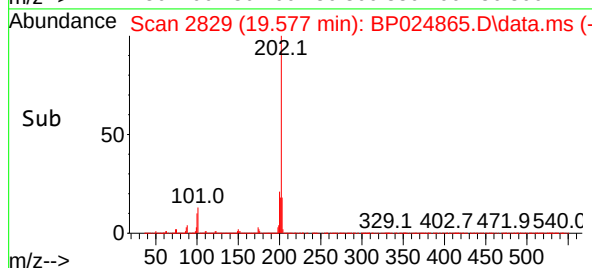
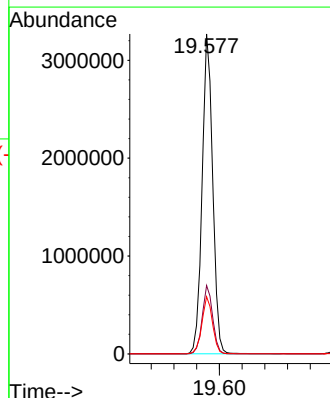
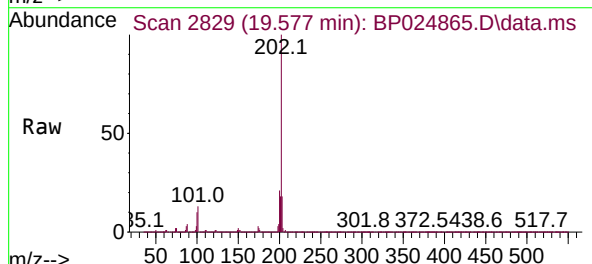
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

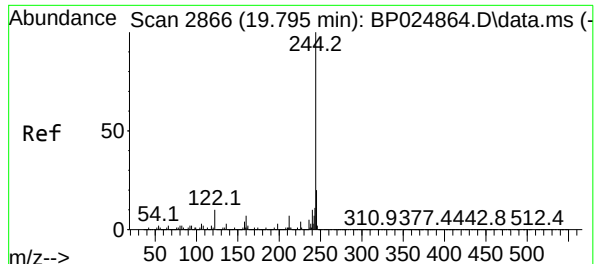
Tgt Ion:184 Resp: 2202092
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 52.900 ng
RT: 19.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:202 Resp: 4217295
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.0 21.0

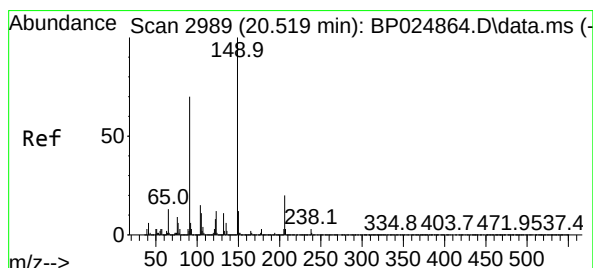
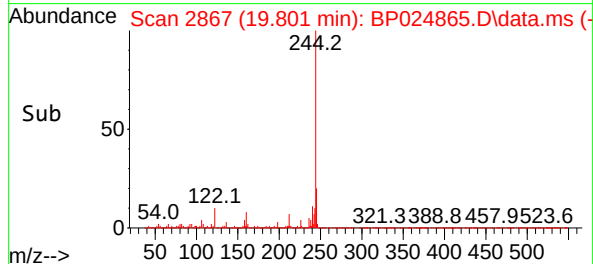
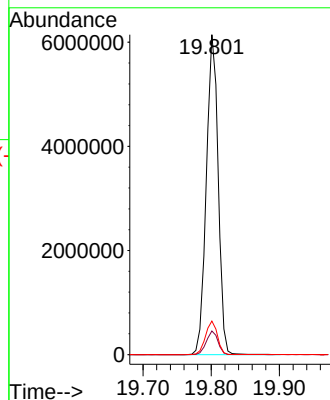
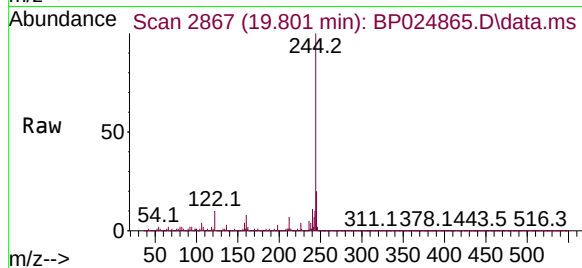




#79
Terphenyl-d14
Concen: 104.339 ng
RT: 19.801 min Scan# 2866
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

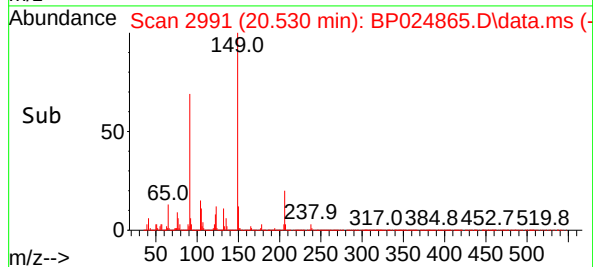
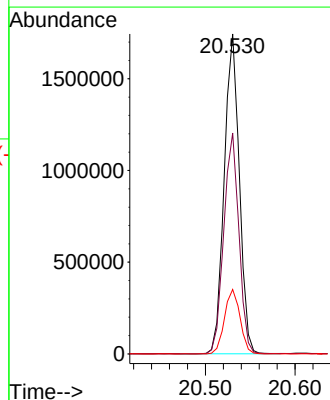
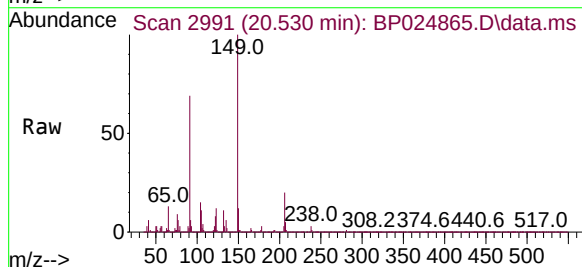
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

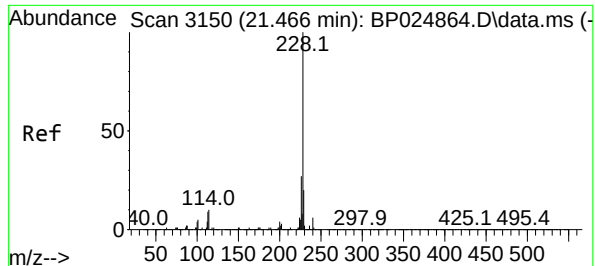
Tgt Ion:244 Resp: 7428863
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 10.5 7.7 11.5



#80
Butylbenzylphthalate
Concen: 56.010 ng
RT: 20.530 min Scan# 2991
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 2045307
Ion Ratio Lower Upper
149 100
91 69.0 55.8 83.8
206 20.1 16.2 24.2

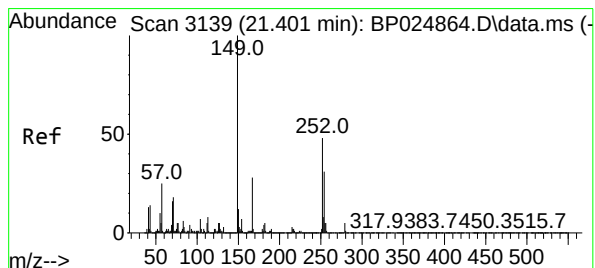
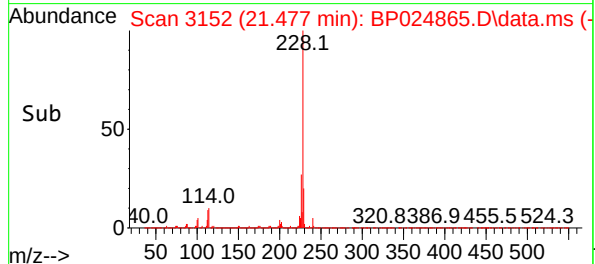
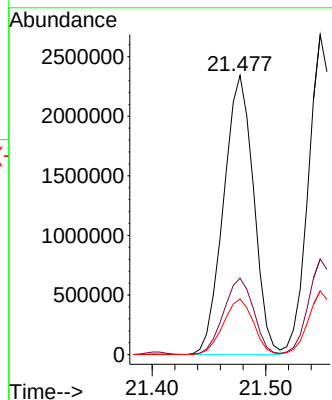
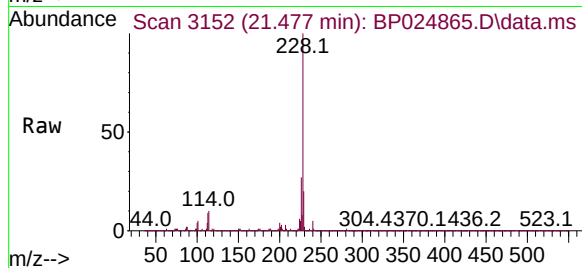




#81
Benzo(a)anthracene
Concen: 52.648 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

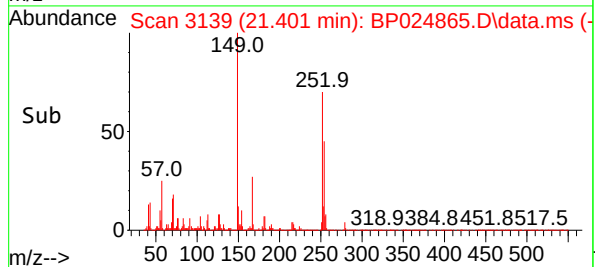
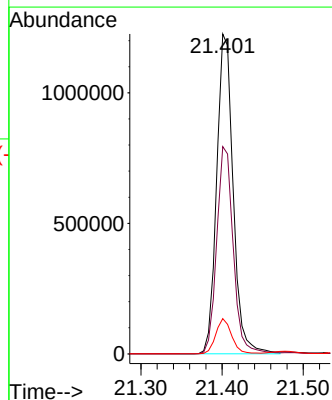
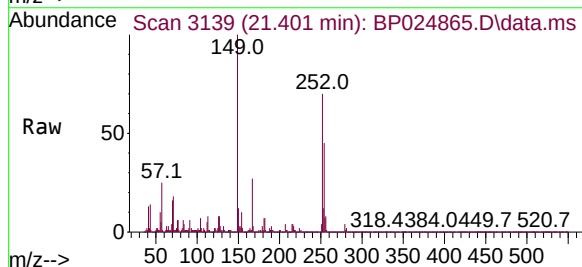
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

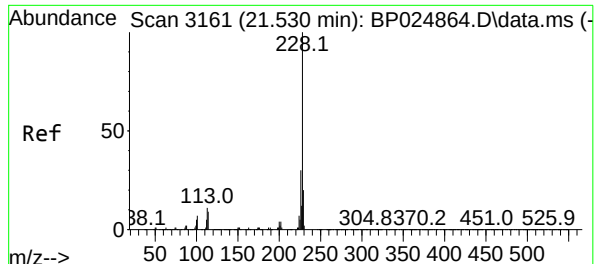
Tgt Ion:228 Resp: 4296840
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 53.402 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:252 Resp: 1730292
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 11.0 8.6 12.8





#83

Chrysene

Concen: 52.768 ng

RT: 21.548 min Scan# 3161

Delta R.T. 0.018 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

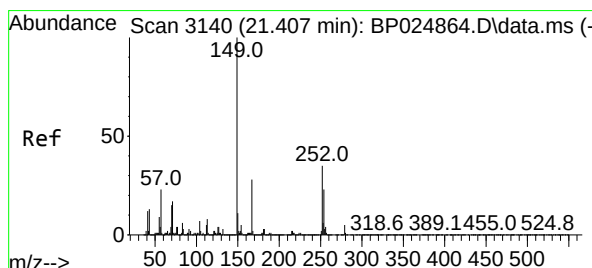
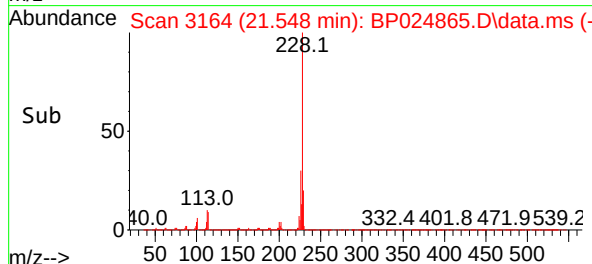
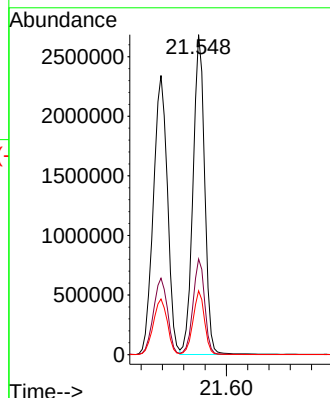
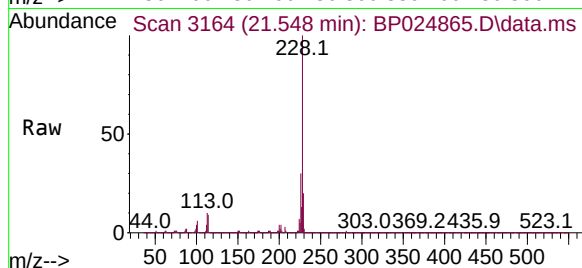
Tgt Ion:228 Resp: 4080671

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.166 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

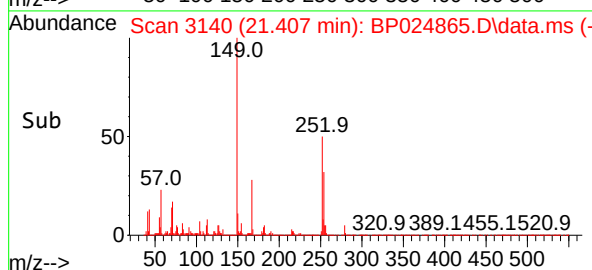
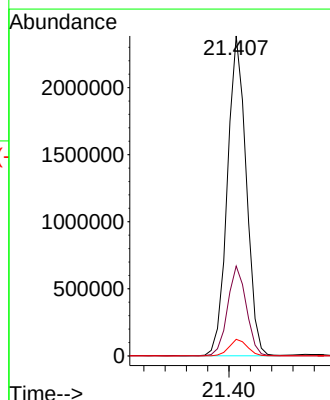
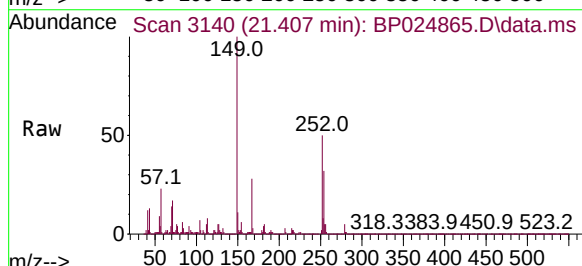
Tgt Ion:149 Resp: 2938577

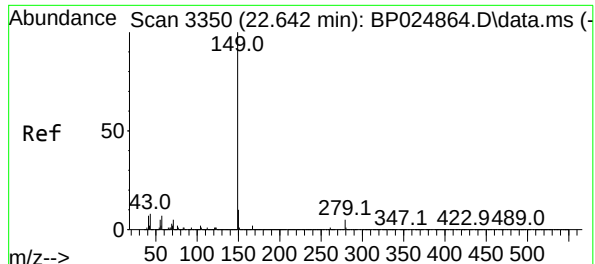
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 5.2 4.0 6.0

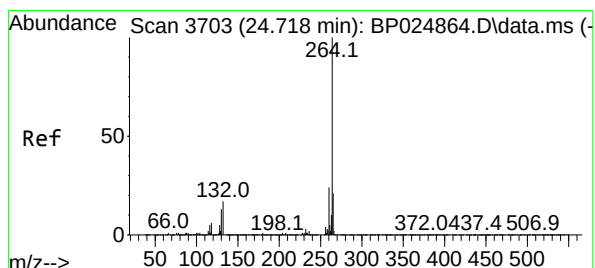
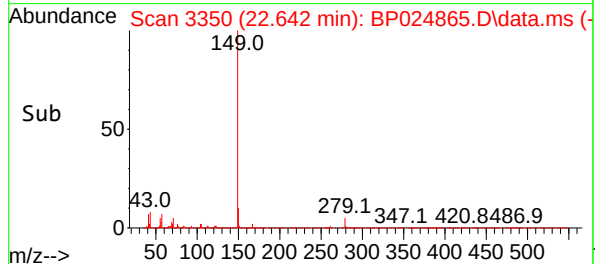
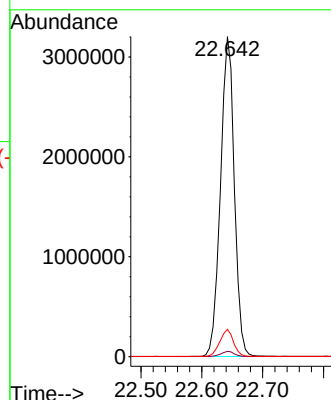
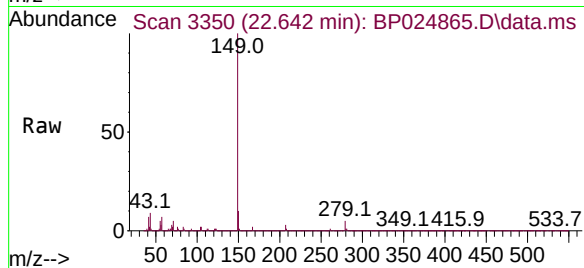




#85
Di-n-octyl phthalate
Concen: 54.889 ng
RT: 22.642 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

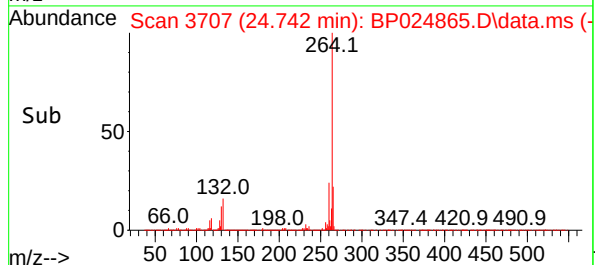
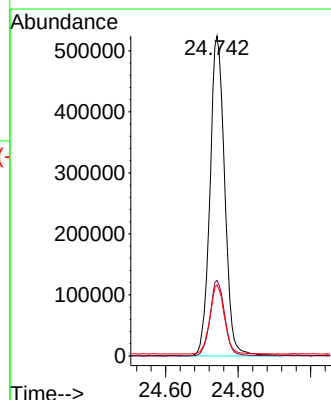
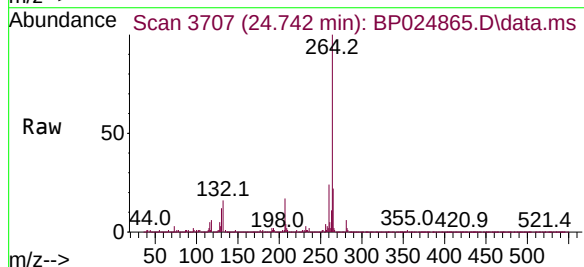
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

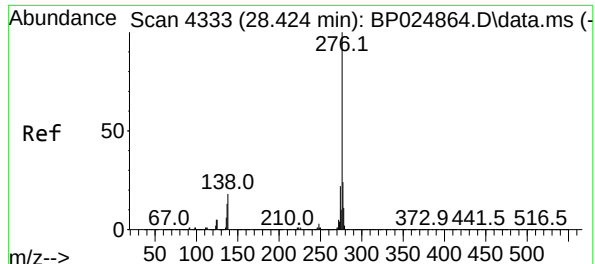
Tgt Ion:149 Resp: 5061827
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.023 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:264 Resp: 1475251
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.412 ng

RT: 28.424 min Scan# 4333

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

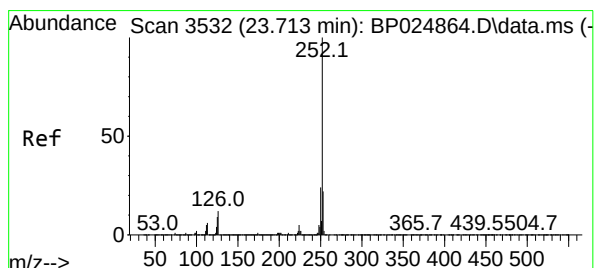
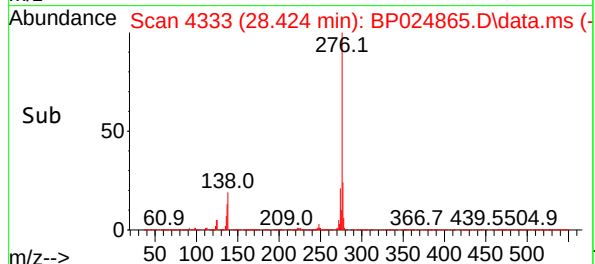
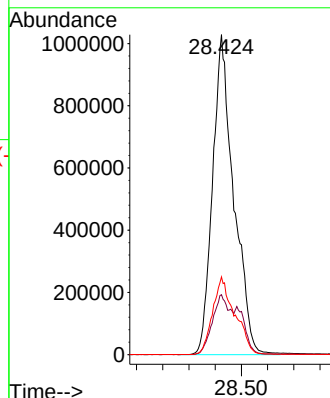
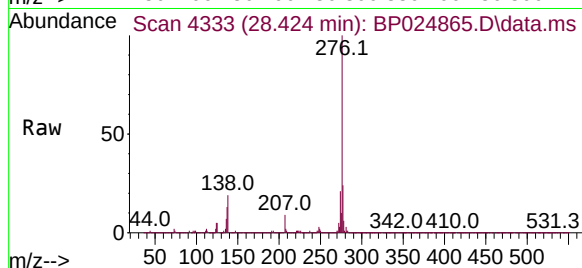
Tgt Ion:276 Resp: 5749111

Ion Ratio Lower Upper

276 100

138 16.1 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.840 ng

RT: 23.701 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

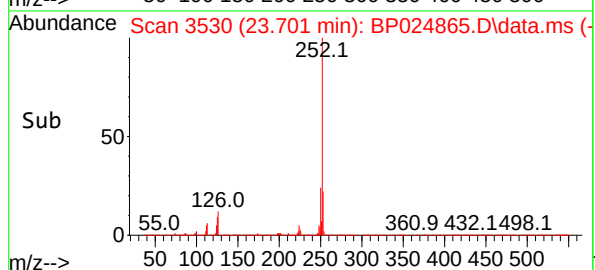
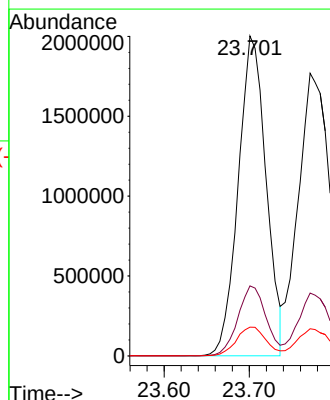
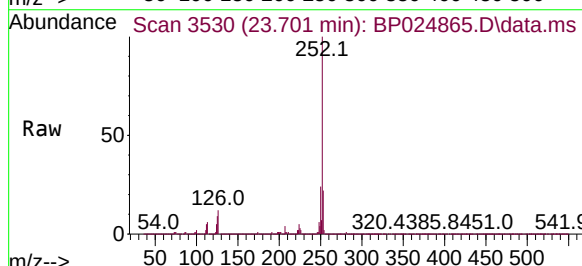
Tgt Ion:252 Resp: 4545535

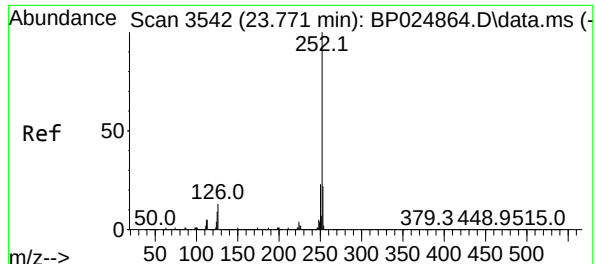
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 54.012 ng

RT: 23.771 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

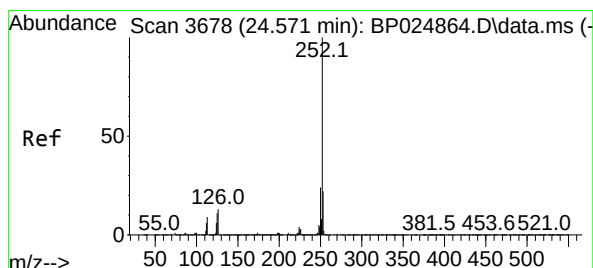
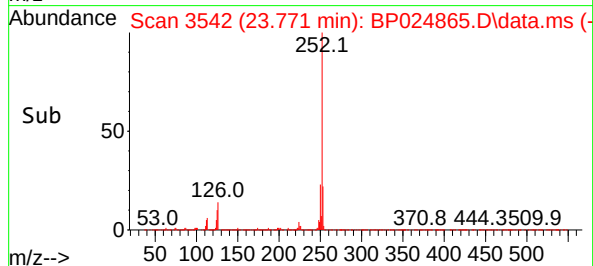
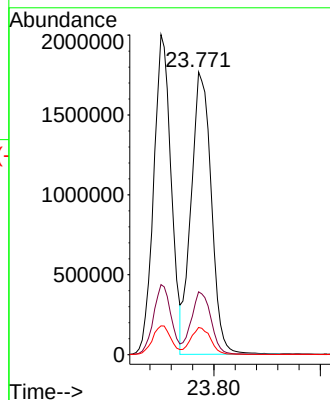
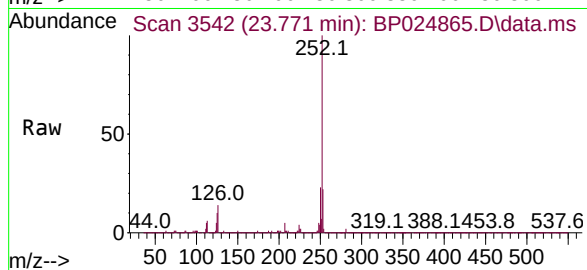
Tgt Ion:252 Resp: 4641829

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 54.313 ng

RT: 24.583 min Scan# 3680

Delta R.T. 0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

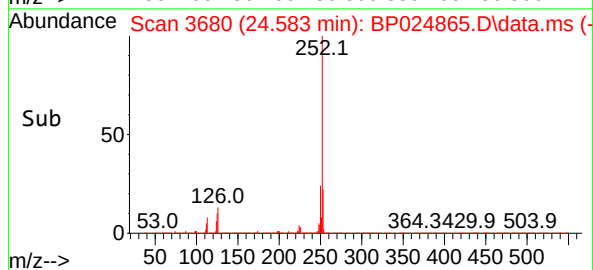
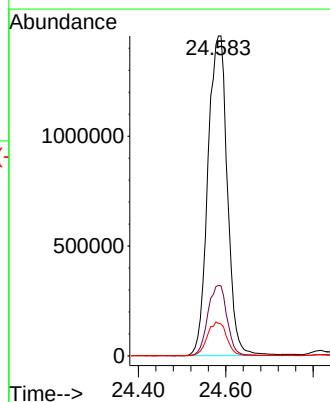
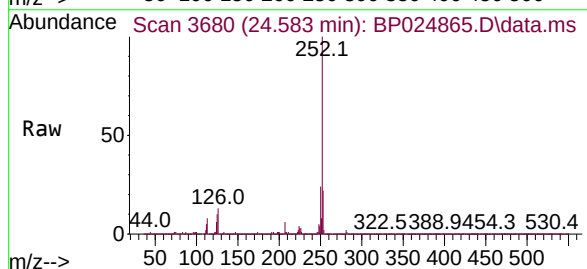
Tgt Ion:252 Resp: 4478222

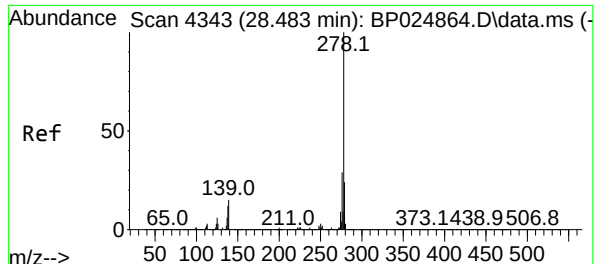
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.2 8.8 13.2

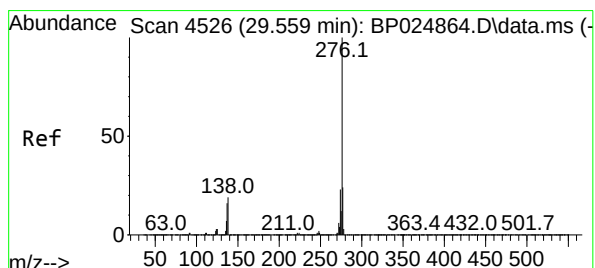
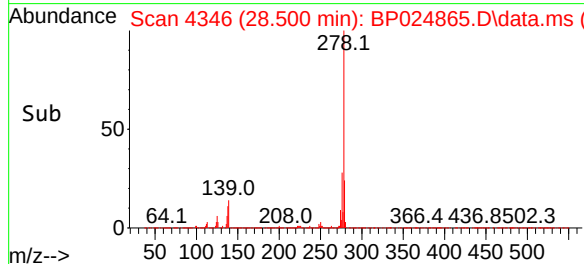
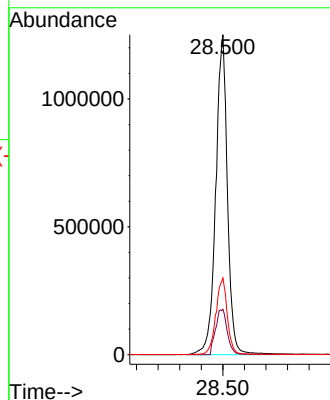
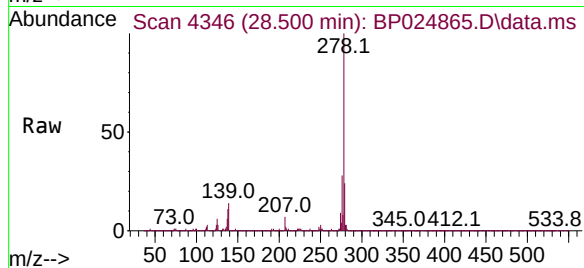




#91
Dibenzo(a,h)anthracene
Concen: 53.822 ng
RT: 28.500 min Scan# 4343
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

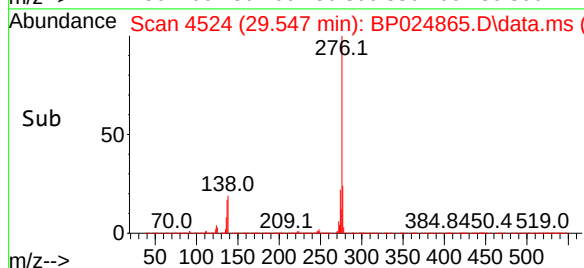
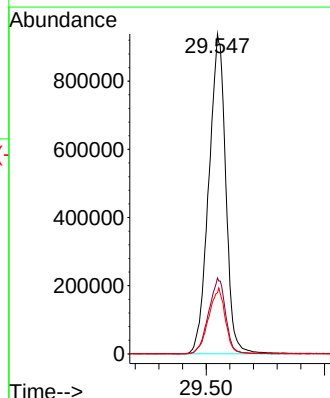
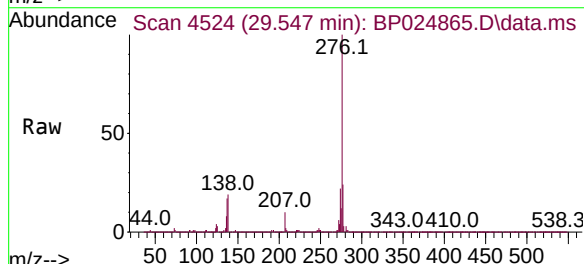
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 278 Resp: 4715596
Ion Ratio Lower Upper
278 100
139 14.2 12.0 18.0
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 53.490 ng
RT: 29.547 min Scan# 4524
Delta R.T. -0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 276 Resp: 4649887
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 19.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024866.D
Acq On : 06 Jun 2025 14:37
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jun 06 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	233459	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1006719	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	639758	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1223735	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1245531	20.000	ng	0.00
86) Perylene-d12	24.736	264	1494809	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1754536	125.447	ng	0.00
7) Phenol-d6	6.814	99	2365958	127.853	ng	0.00
23) Nitrobenzene-d5	8.760	82	2555584	123.355	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1097449	124.076	ng	-0.01
45) 2-Fluorobiphenyl	12.860	172	5620380	118.347	ng	0.00
79) Terphenyl-d14	19.778	244	8373144	120.485	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	360857	58.637	ng	100
3) Pyridine	3.561	79	957340	64.685	ng	99
4) n-Nitrosodimethylamine	3.478	42	387978	64.122	ng	99
6) Aniline	6.955	93	1528129	64.708	ng	100
8) 2-Chlorophenol	7.190	128	995913	62.813	ng	99
9) Benzaldehyde	6.766	77	608861	56.921	ng	99
10) Phenol	6.843	94	1231710	64.565	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	926134	61.724	ng	98
12) 1,3-Dichlorobenzene	7.496	146	1063861	60.147	ng	99
13) 1,4-Dichlorobenzene	7.643	146	1074203	60.190	ng	100
14) 1,2-Dichlorobenzene	7.955	146	1045089	59.634	ng	99
15) Benzyl Alcohol	7.861	79	916921	64.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1167705	59.460	ng	100
17) 2-Methylphenol	8.066	107	848195	63.670	ng	100
18) Hexachloroethane	8.666	117	401855	59.807	ng	96
19) n-Nitroso-di-n-propyla...	8.413	70	779593	61.970	ng	100
20) 3+4-Methylphenols	8.396	107	1154457	63.519	ng	96
22) Acetophenone	8.431	105	1540416	60.563	ng	99
24) Nitrobenzene	8.808	77	1136226	61.735	ng	99
25) Isophorone	9.325	82	2191187	61.027	ng	100
26) 2-Nitrophenol	9.507	139	587760	64.723	ng	99
27) 2,4-Dimethylphenol	9.578	122	965935	62.151	ng	100
28) bis(2-Chloroethoxy)met...	9.802	93	1278529	59.694	ng	98
29) 2,4-Dichlorophenol	10.049	162	945641	63.413	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	995211	59.169	ng	99
31) Naphthalene	10.431	128	3124640	60.566	ng	100
32) Benzoic acid	9.778	122	710052	68.525	ng	100
33) 4-Chloroaniline	10.549	127	1397378	64.650	ng	98
34) Hexachlorobutadiene	10.707	225	598677	59.056	ng	100
35) Caprolactam	11.360	113	349412	63.654	ng	93
36) 4-Chloro-3-methylphenol	11.696	107	1096315	63.738	ng	98
37) 2-Methylnaphthalene	12.043	142	2004422	61.250	ng	99
38) 1-Methylnaphthalene	12.266	142	2093346	59.832	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1100767	60.637	ng	100
41) Hexachlorocyclopentadiene	12.390	237	707348	63.884	ng	98
43) 2,4,6-Trichlorophenol	12.672	196	776210	63.669	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024866.D
 Acq On : 06 Jun 2025 14:37
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

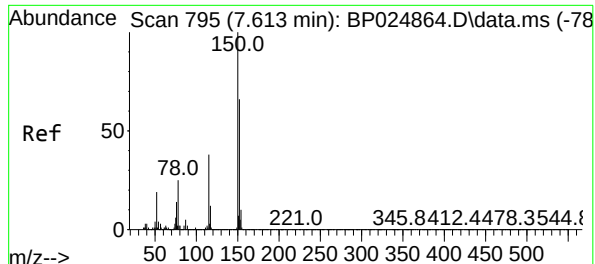
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	836590	64.077	ng	99
46) 1,1'-Biphenyl	13.066	154	2797746	60.176	ng	100
47) 2-Chloronaphthalene	13.107	162	2180558	61.023	ng	99
48) 2-Nitroaniline	13.331	65	718204	65.376	ng	97
49) Acenaphthylene	13.966	152	3653383	61.318	ng	100
50) Dimethylphthalate	13.707	163	2826983	59.902	ng	99
51) 2,6-Dinitrotoluene	13.831	165	639722	62.878	ng	96
52) Acenaphthene	14.313	154	2051309	60.082	ng	99
53) 3-Nitroaniline	14.172	138	698945	66.199	ng	98
54) 2,4-Dinitrophenol	14.390	184	398250	61.497	ng	97
55) Dibenzofuran	14.654	168	3267254	59.618	ng	99
56) 4-Nitrophenol	14.525	139	539162	61.650	ng	97
57) 2,4-Dinitrotoluene	14.637	165	901515	63.345	ng	98
58) Fluorene	15.319	166	2628887	59.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	730647	62.524	ng	99
60) Diethylphthalate	15.090	149	2772340	58.943	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	1276716	58.980	ng	100
62) 4-Nitroaniline	15.360	138	639038	66.714	ng	96
63) Azobenzene	15.613	77	2561443	59.380	ng	98
65) 4,6-Dinitro-2-methylph...	15.419	198	524098	65.178	ng	100
66) n-Nitrosodiphenylamine	15.531	169	2282932	60.188	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	839674	60.812	ng	98
68) Hexachlorobenzene	16.342	284	1008320	60.238	ng	97
69) Atrazine	16.519	200	836217	60.814	ng	99
70) Pentachlorophenol	16.701	266	561603	64.826	ng	99
71) Phenanthrene	17.089	178	4046968	59.844	ng	99
72) Anthracene	17.189	178	4160775	60.751	ng	99
73) Carbazole	17.472	167	3861413	60.827	ng	99
74) Di-n-butylphthalate	18.060	149	4672145	59.401	ng	100
75) Fluoranthene	19.178	202	4656349	59.407	ng	99
77) Benzidine	19.383	184	2477600	64.227	ng	100
78) Pyrene	19.560	202	4751590	61.064	ng	100
80) Butylbenzylphthalate	20.513	149	2225855	62.449	ng	96
81) Benzo(a)anthracene	21.460	228	4896757	61.469	ng	100
82) 3,3'-Dichlorobenzidine	21.389	252	1982344	62.681	ng	100
83) Chrysene	21.530	228	4625245	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	3103331	60.769	ng	99
85) Di-n-octyl phthalate	22.636	149	5491065	61.004	ng	100
87) Indeno(1,2,3-cd)pyrene	28.436	276	6771619	62.088	ng	100
88) Benzo(b)fluoranthene	23.713	252	5290333	61.842	ng	99
89) Benzo(k)fluoranthene	23.777	252	5191049	59.612	ng	99
90) Benzo(a)pyrene	24.595	252	5093340	60.965	ng	99
91) Dibenzo(a,h)anthracene	28.495	278	5489005	61.830	ng	100
92) Benzo(g,h,i)perylene	29.571	276	5442983	61.794	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

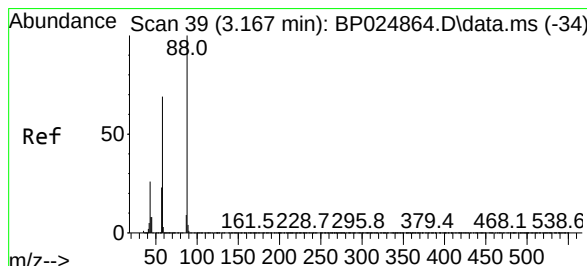
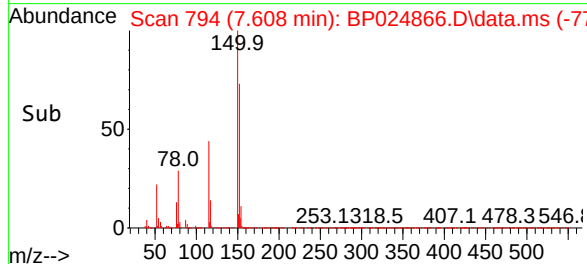
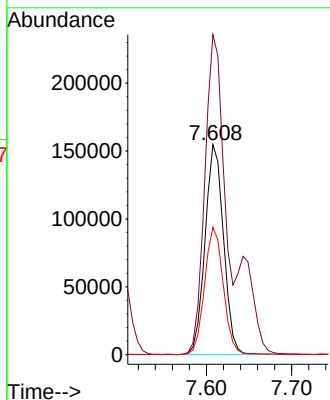
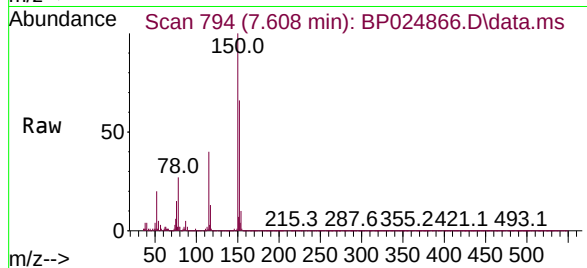
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- 2
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- 15
- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

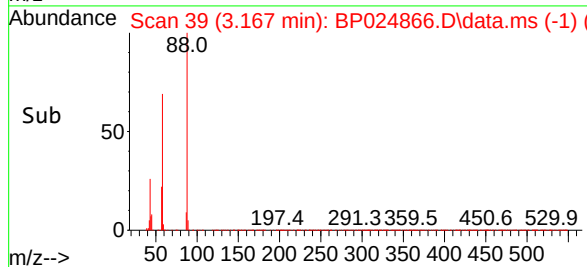
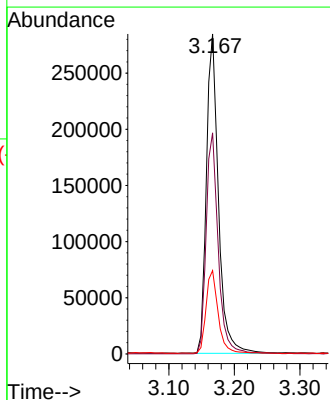
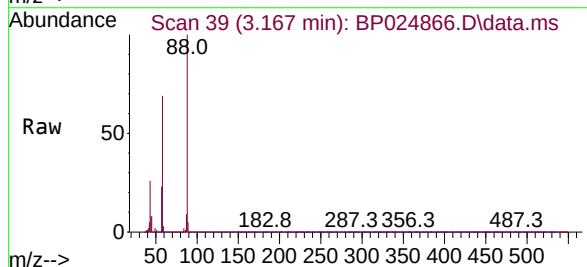
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

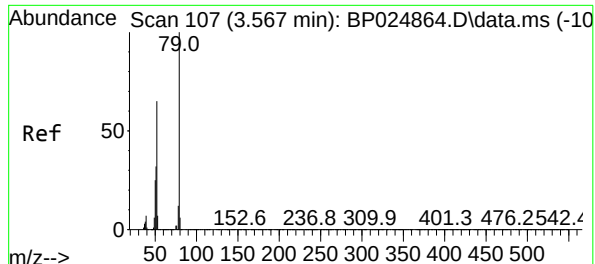
Tgt Ion:152 Resp: 233459
Ion Ratio Lower Upper
152 100
150 152.3 122.1 183.1
115 60.5 46.4 69.6



#2
1,4-Dioxane
Concen: 58.637 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 88 Resp: 360857
Ion Ratio Lower Upper
88 100
58 69.4 55.4 83.0
43 26.4 20.8 31.2

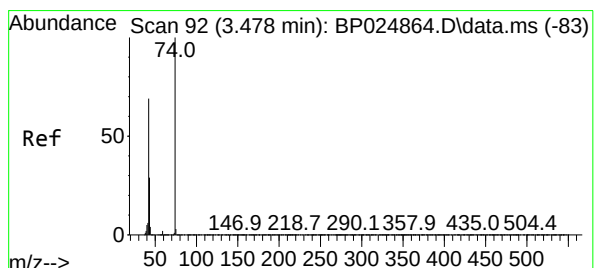
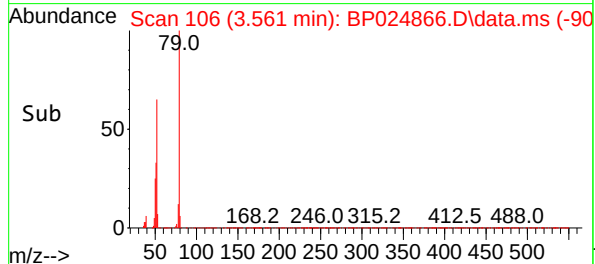
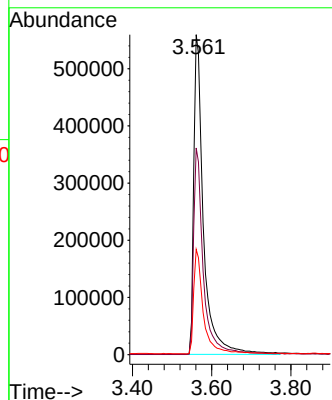
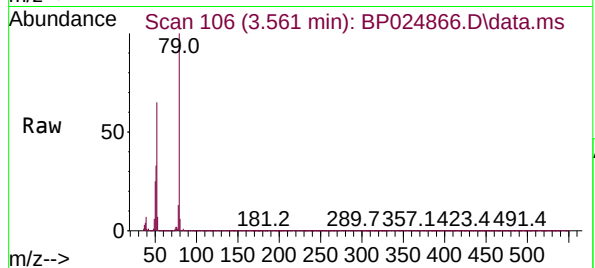




#3
Pyridine
Concen: 64.685 ng
RT: 3.561 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

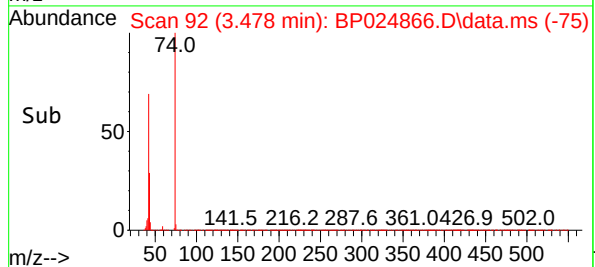
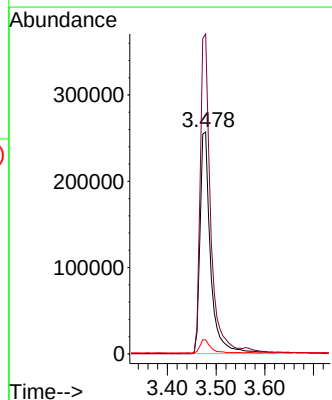
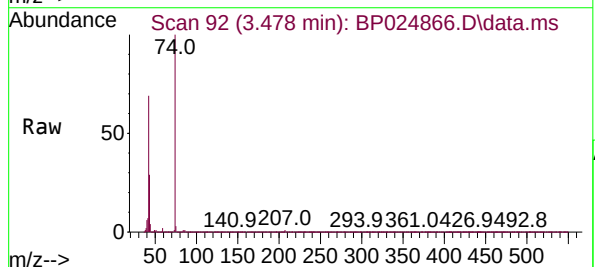
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

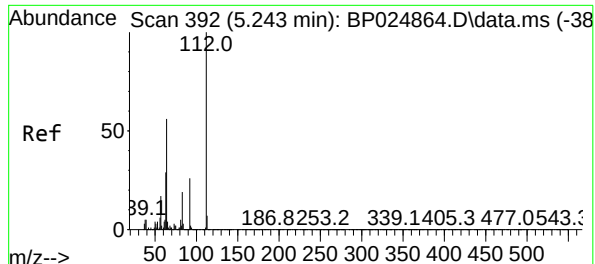
Tgt Ion: 79 Resp: 957340
Ion Ratio Lower Upper
79 100
52 64.6 51.6 77.4
51 32.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 64.122 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 42 Resp: 387978
Ion Ratio Lower Upper
42 100
74 144.3 116.6 174.8
44 6.3 5.4 8.0

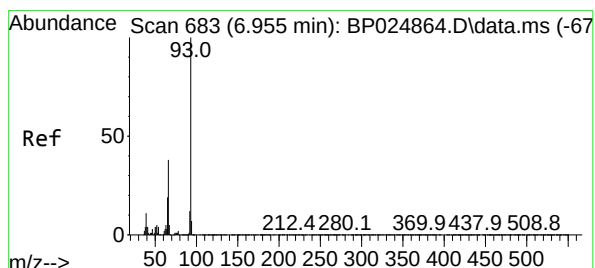
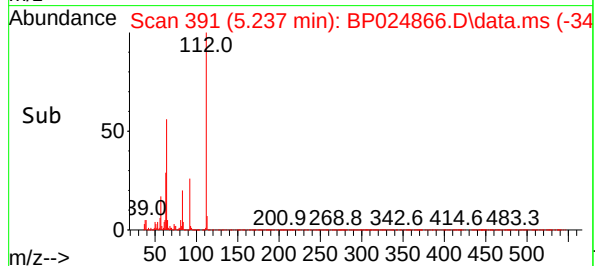
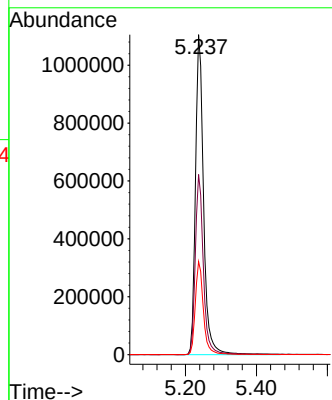
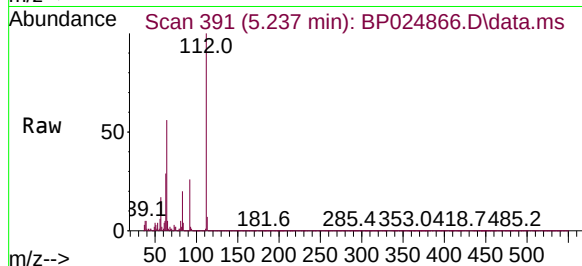




#5
2-Fluorophenol
Concen: 125.447 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

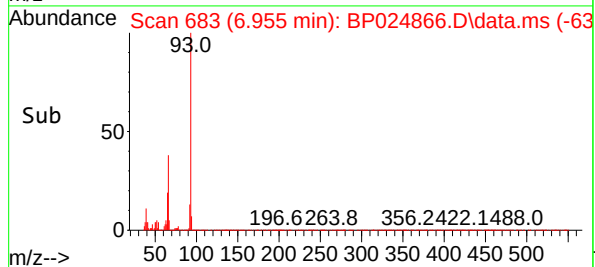
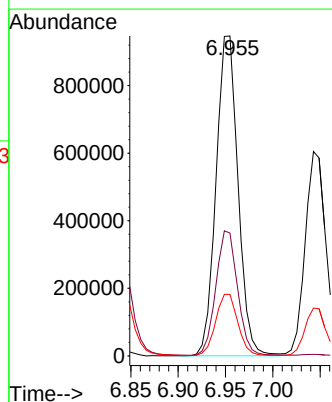
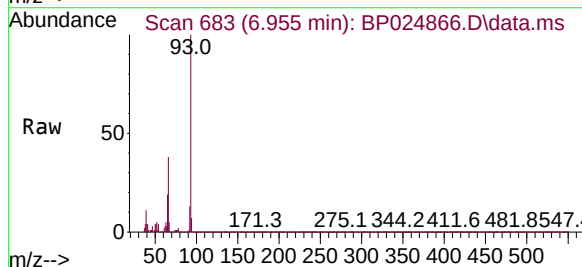
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

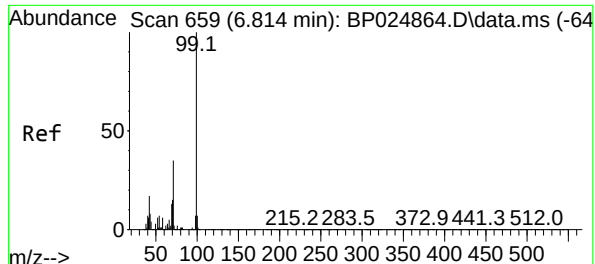
Tgt Ion:112 Resp: 1754536
Ion Ratio Lower Upper
112 100
64 56.3 44.7 67.1
63 29.1 23.5 35.3



#6
Aniline
Concen: 64.708 ng
RT: 6.955 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 93 Resp: 1528129
Ion Ratio Lower Upper
93 100
66 38.4 30.9 46.3
65 19.3 15.5 23.3

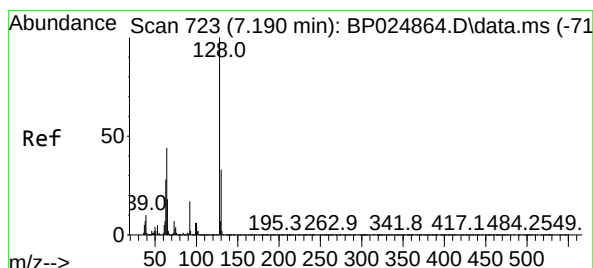
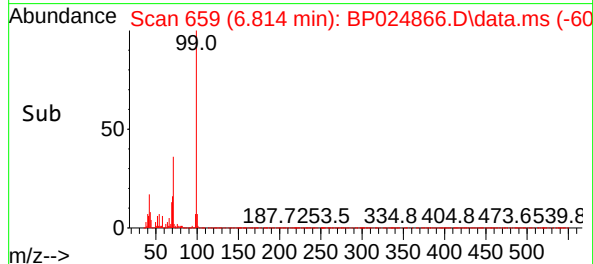
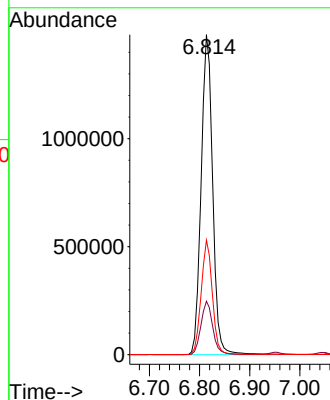
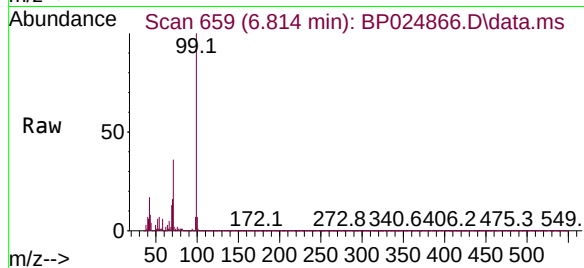




#7
Phenol-d6
Concen: 127.853 ng
RT: 6.814 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

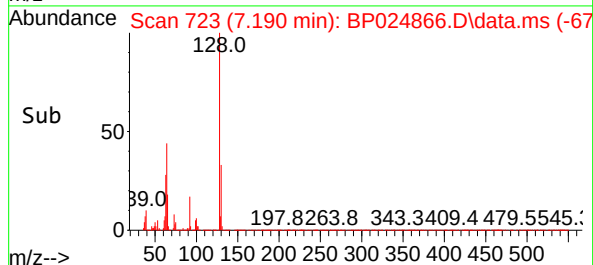
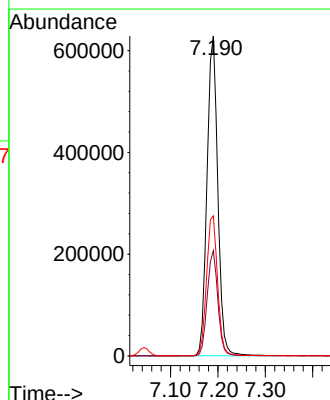
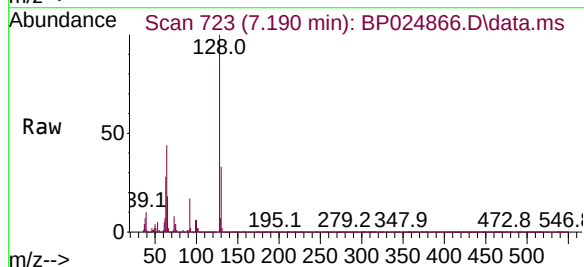
Instrument :
BNA_P
ClientSampleId :
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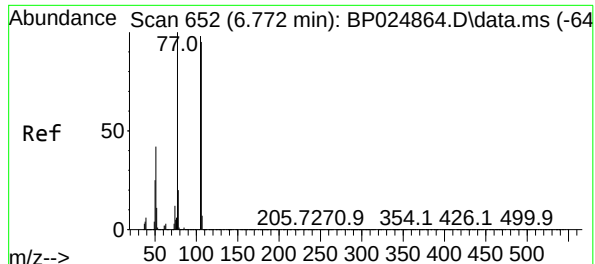
Tgt Ion: 99 Resp: 2365958
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 35.8 27.6 41.4



#8
2-Chlorophenol
Concen: 62.813 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 128 Resp: 995913
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 43.8 24.1 64.1

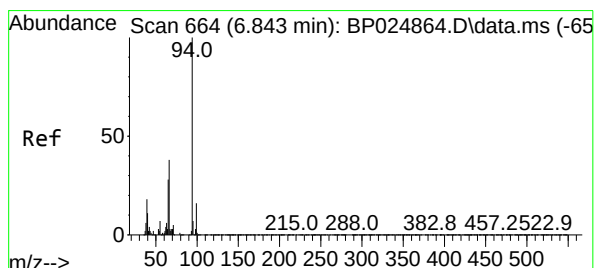
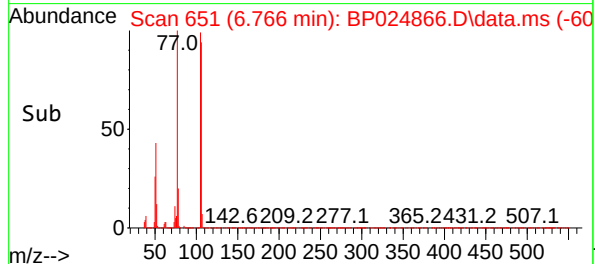
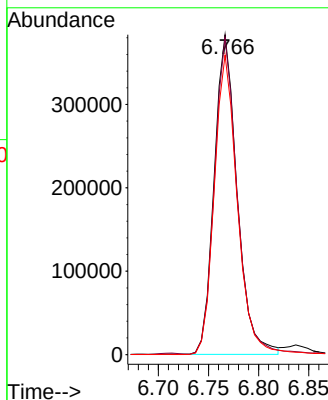
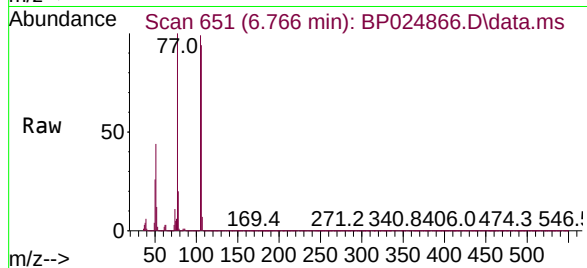




#9
Benzaldehyde
Concen: 56.921 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

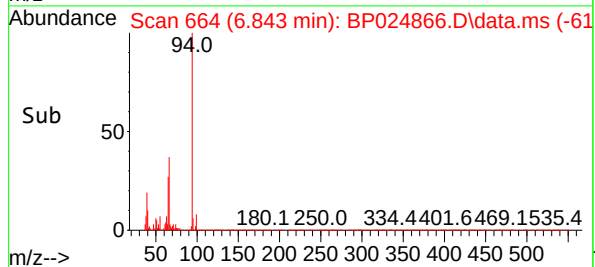
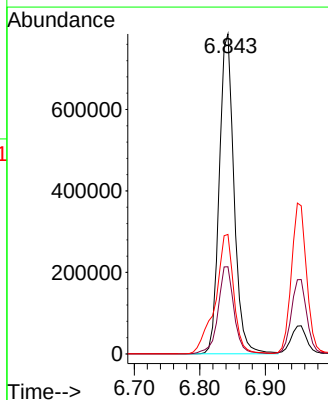
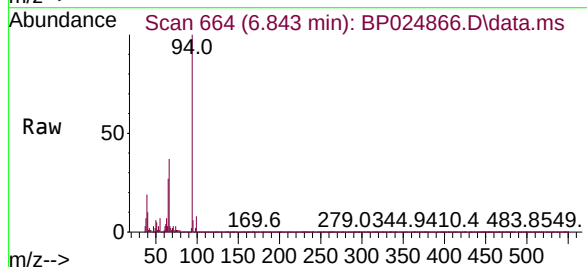
Instrument :
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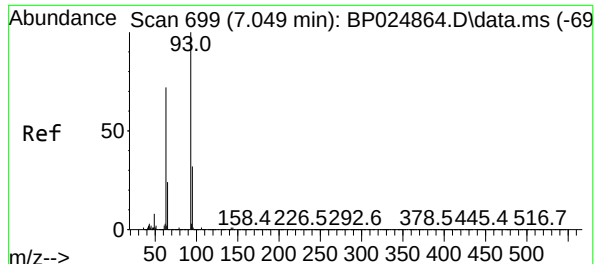
Tgt Ion: 77 Resp: 608861
Ion Ratio Lower Upper
77 100
105 99.0 77.7 117.7
106 93.6 74.8 114.8



#10
Phenol
Concen: 64.565 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 94 Resp: 1231710
Ion Ratio Lower Upper
94 100
65 27.3 8.3 48.3
66 37.3 18.2 58.2

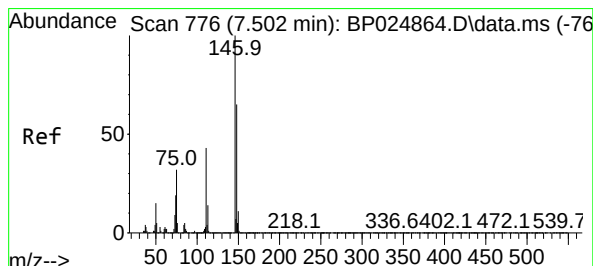
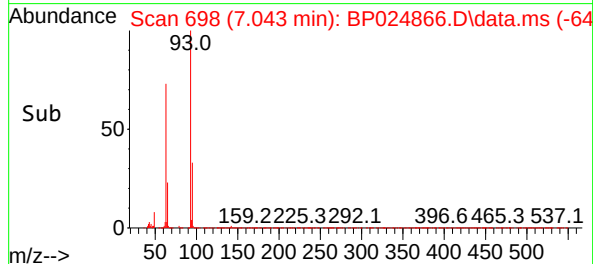
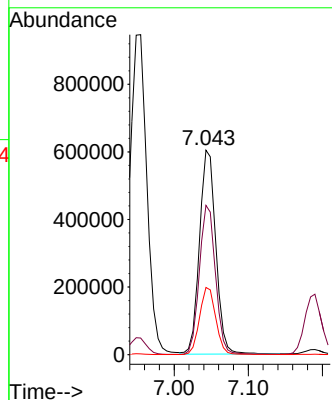
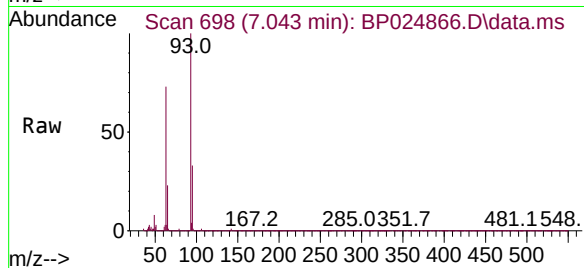




#11
bis(2-Chloroethyl)ether
Concen: 61.724 ng
RT: 7.043 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

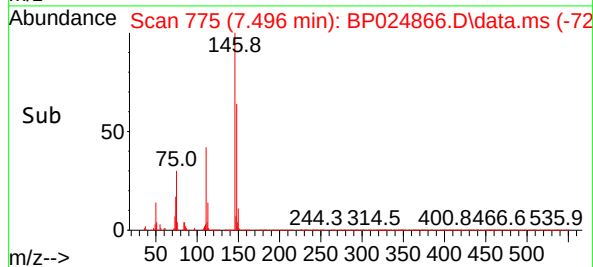
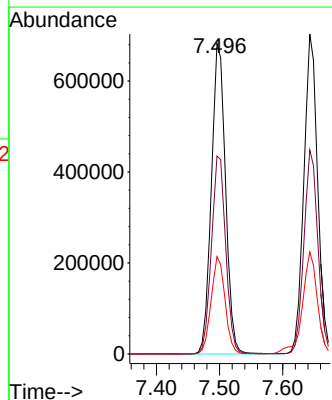
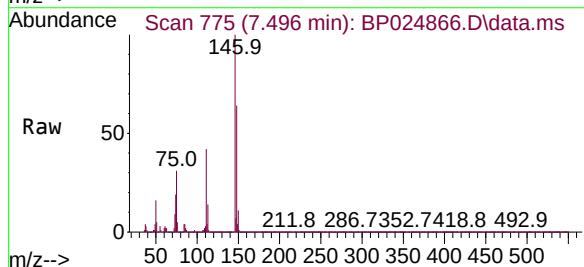
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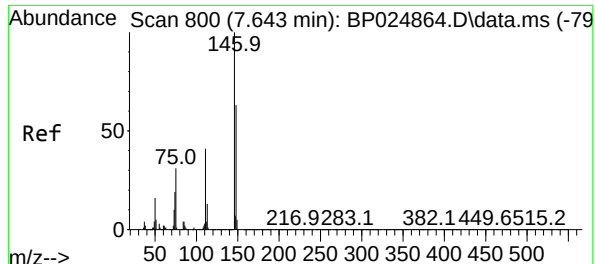
Tgt Ion: 93 Resp: 926134
Ion Ratio Lower Upper
93 100
63 73.0 51.6 91.6
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 60.147 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 146 Resp: 1063861
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 31.3 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 60.190 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

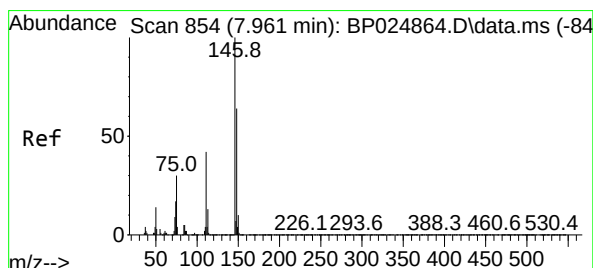
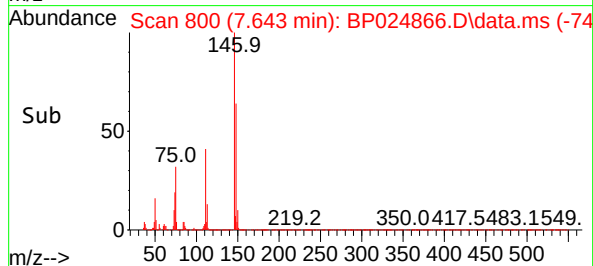
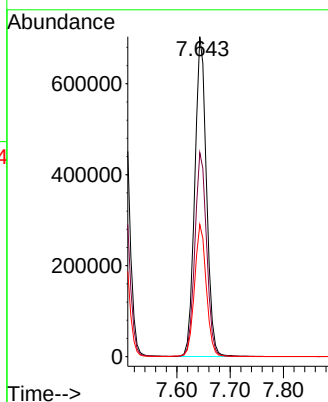
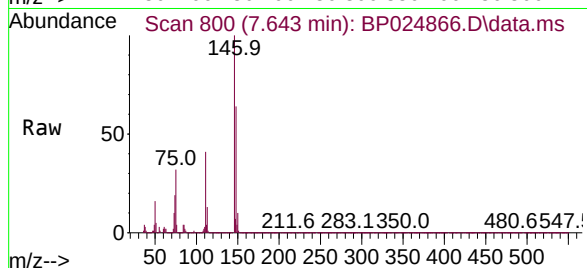
Tgt Ion:146 Resp: 1074203

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 41.3 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 59.634 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

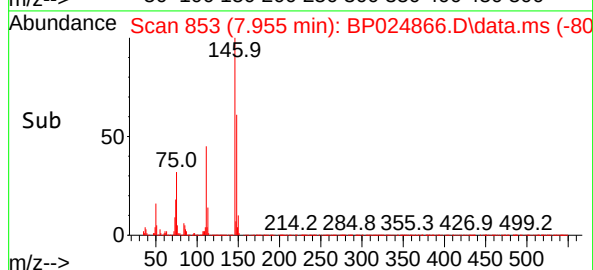
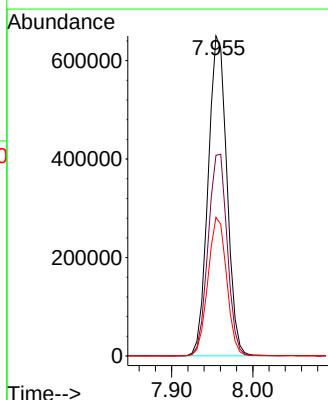
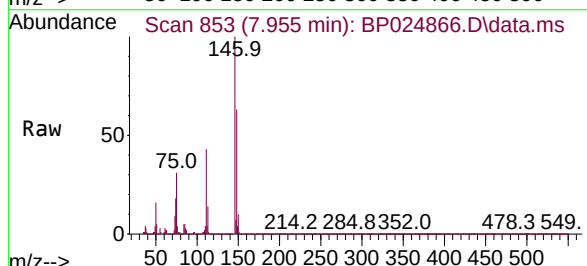
Tgt Ion:146 Resp: 1045089

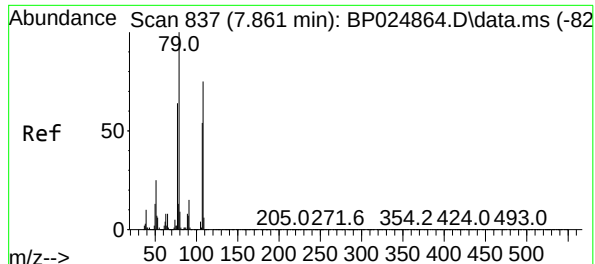
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.4

111 43.3 33.8 50.8

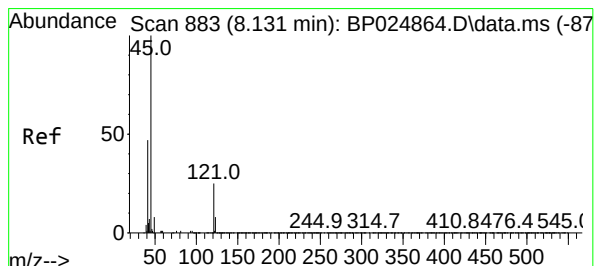
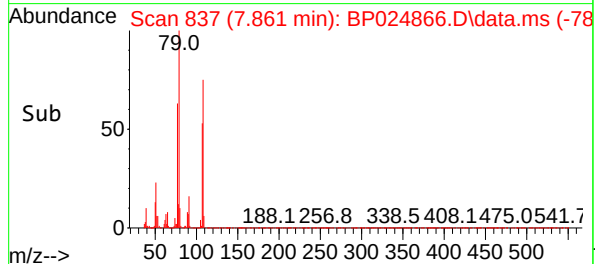
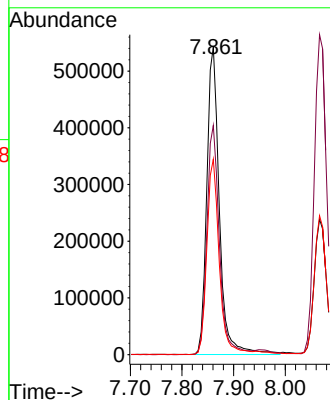
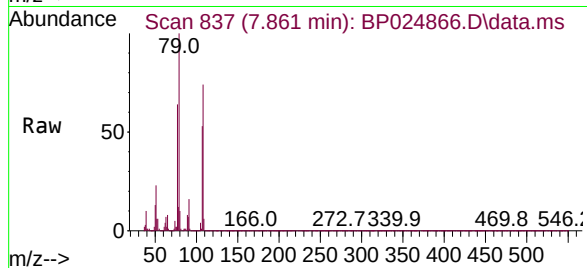




#15
Benzyl Alcohol
Concen: 64.561 ng
RT: 7.861 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

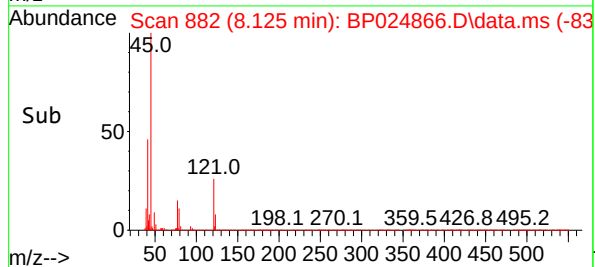
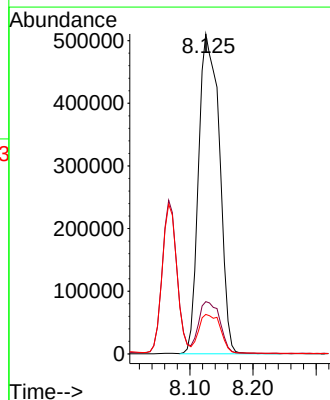
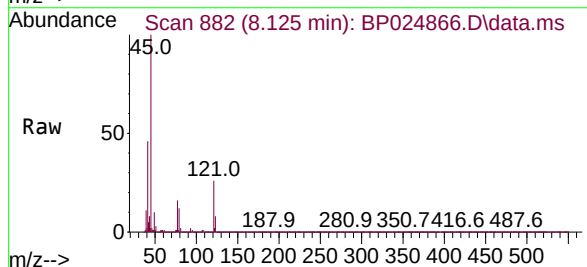
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

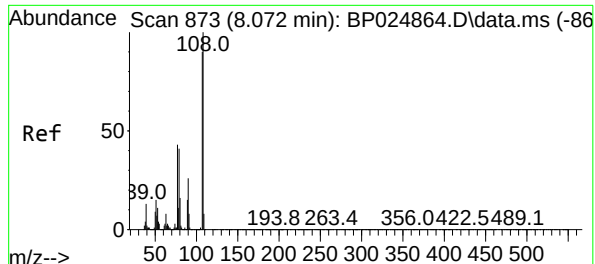
Tgt Ion: 79 Resp: 916921
Ion Ratio Lower Upper
79 100
108 74.5 60.2 90.4
77 63.5 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.460 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 45 Resp: 1167705
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.3
79 12.3 0.0 32.2





#17

2-Methylphenol

Concen: 63.670 ng

RT: 8.066 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 848195

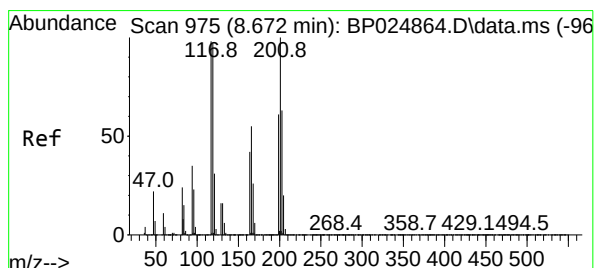
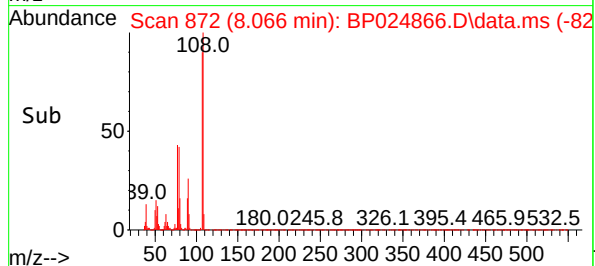
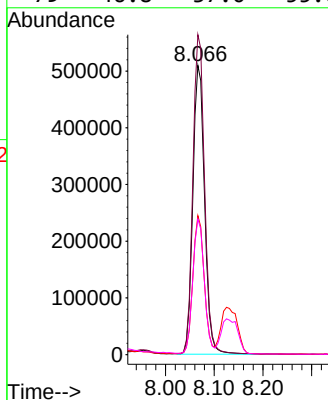
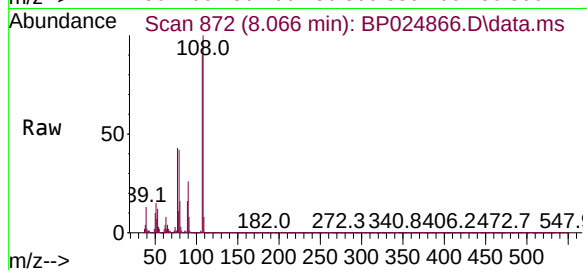
Ion Ratio Lower Upper

107 100

108 110.6 88.6 132.8

77 48.1 38.5 57.7

79 46.8 37.0 55.6



#18

Hexachloroethane

Concen: 59.807 ng

RT: 8.666 min Scan# 974

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

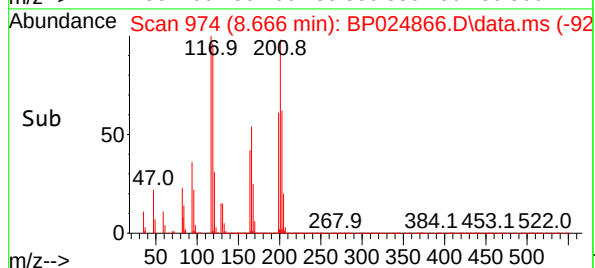
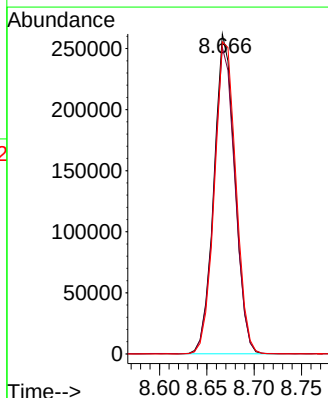
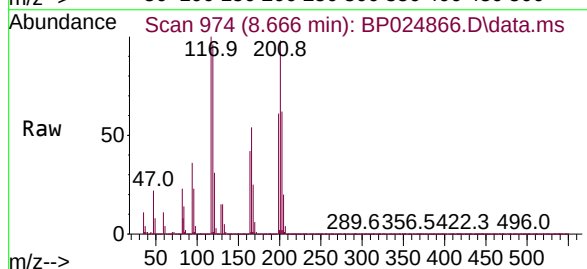
Tgt Ion:117 Resp: 401855

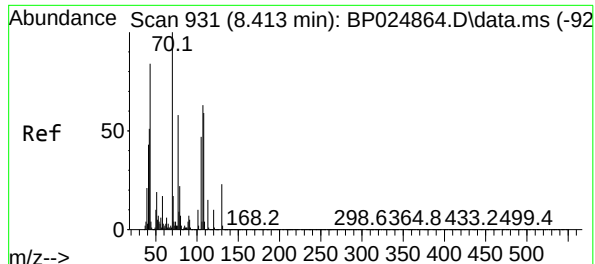
Ion Ratio Lower Upper

117 100

119 95.8 79.4 119.2

201 97.5 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 61.970 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024866.D

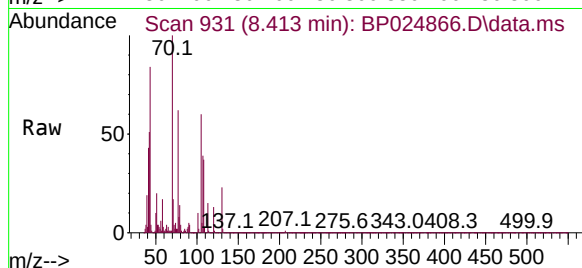
Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 779593

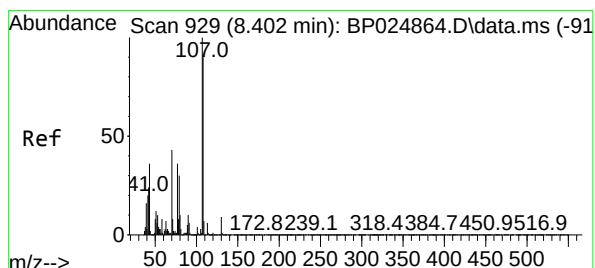
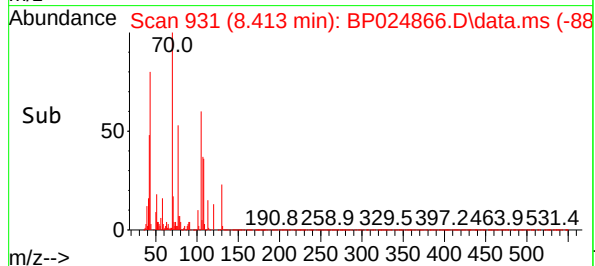
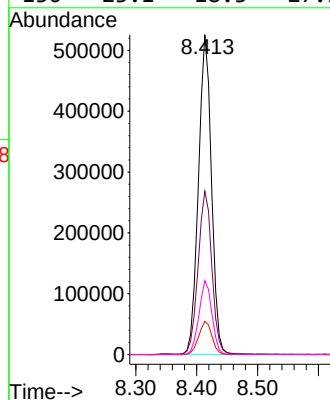
Ion Ratio Lower Upper

70 100

42 51.1 41.2 61.8

101 10.4 8.3 12.5

130 23.1 18.3 27.5



#20

3+4-Methylphenols

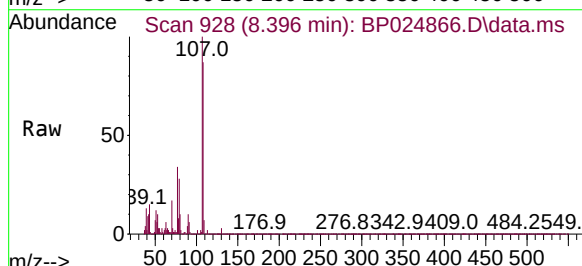
Concen: 63.519 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37



Tgt Ion: 107 Resp: 1154457

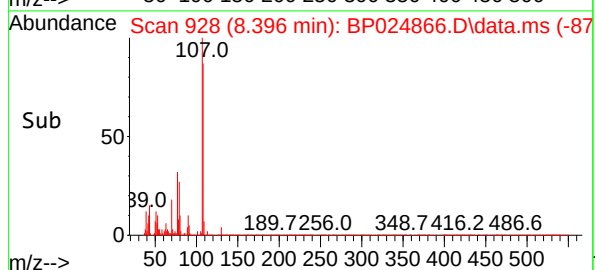
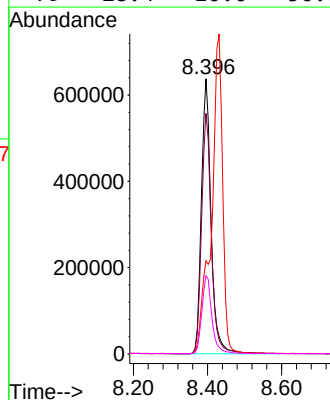
Ion Ratio Lower Upper

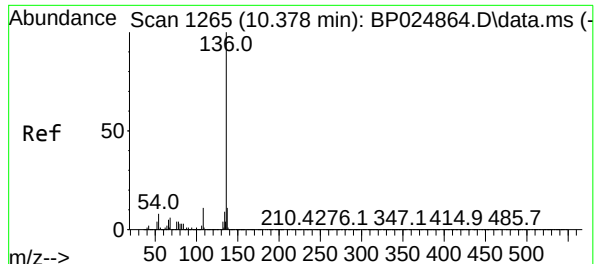
107 100

108 87.5 70.7 110.7

77 33.8 16.6 56.6

79 28.4 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.378 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 1006719

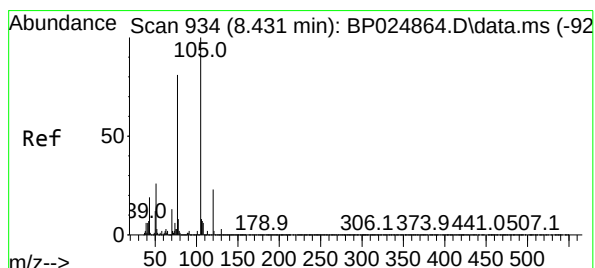
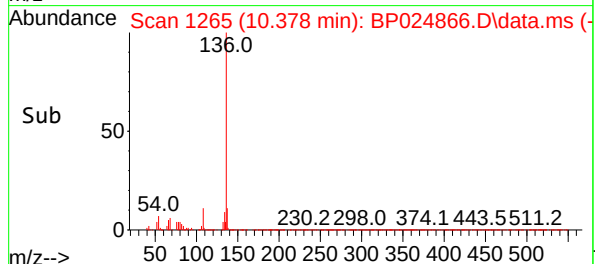
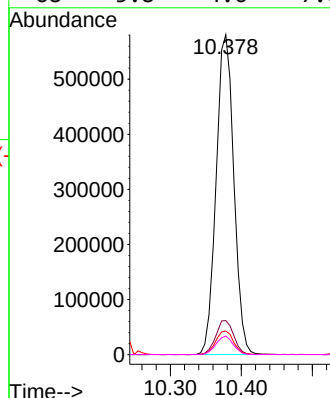
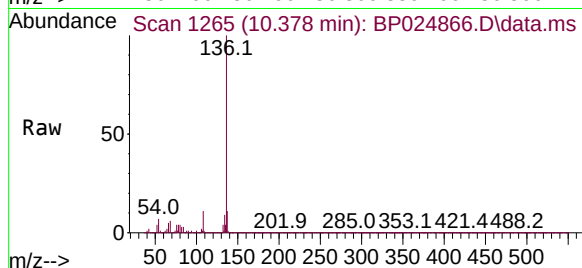
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 6.1 9.1

68 5.8 4.6 7.0



#22

Acetophenone

Concen: 60.563 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion:105 Resp: 1540416

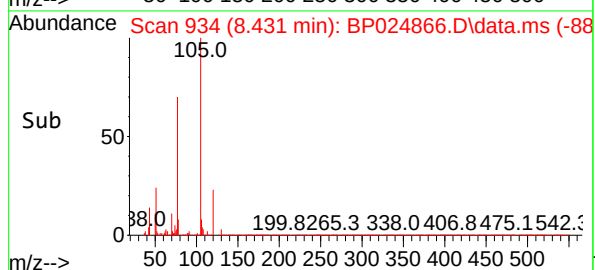
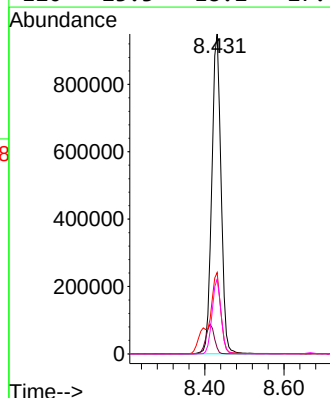
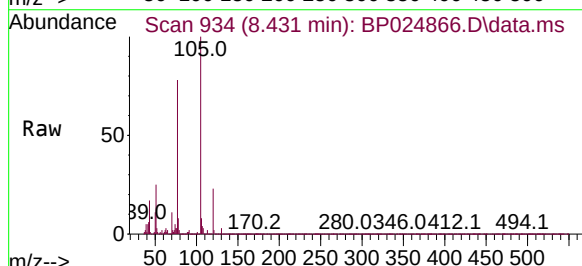
Ion Ratio Lower Upper

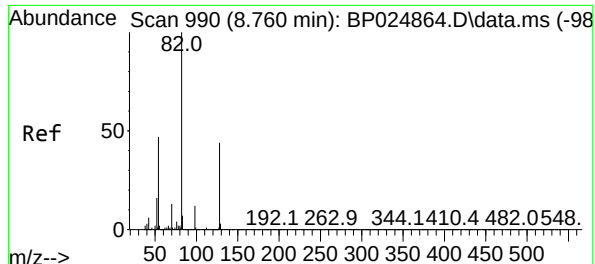
105 100

71 1.9 1.6 2.4

51 25.4 20.6 31.0

120 23.3 18.2 27.4





#23

Nitrobenzene-d5

Concen: 123.355 ng

RT: 8.760 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

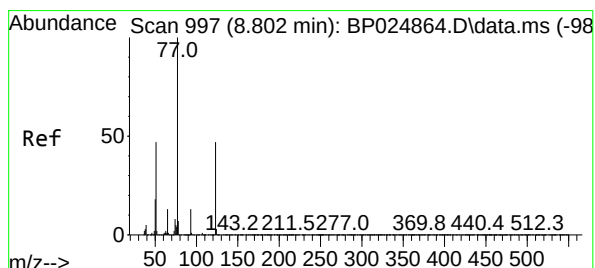
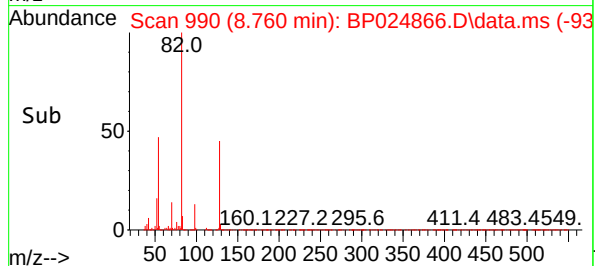
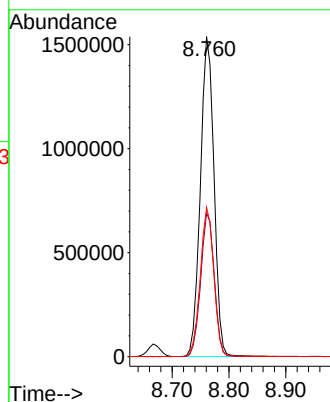
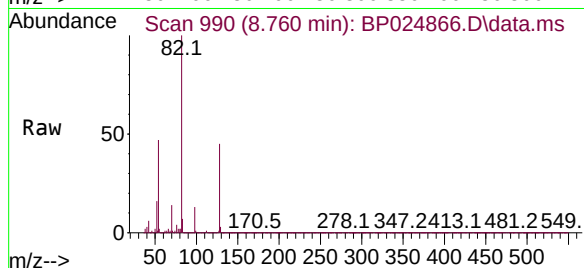
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2555584

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.3	52.9
54	46.6	37.4	56.0



#24

Nitrobenzene

Concen: 61.735 ng

RT: 8.808 min Scan# 998

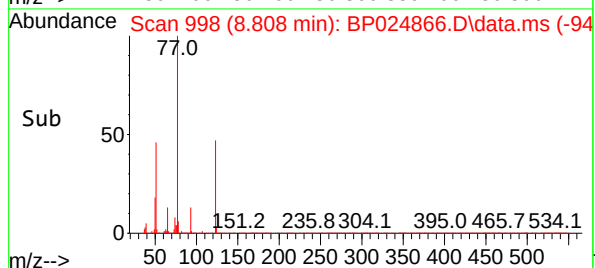
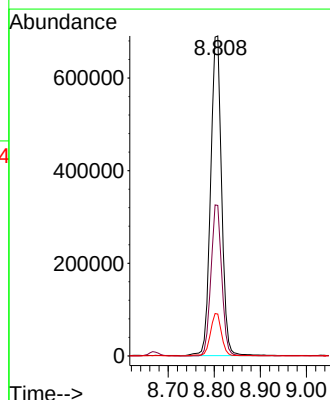
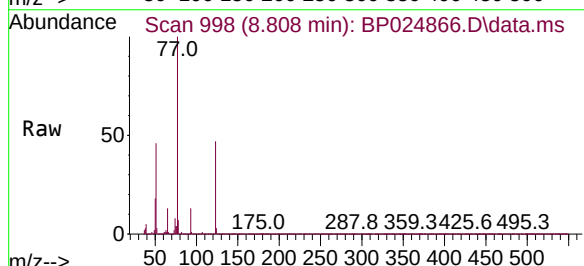
Delta R.T. 0.006 min

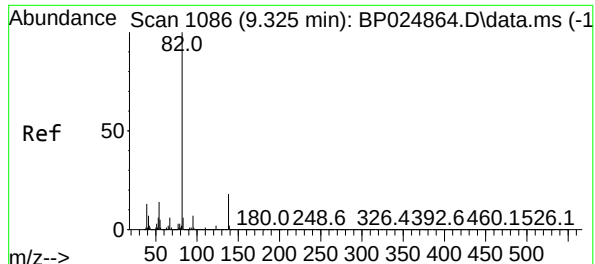
Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion: 77 Resp: 1136226

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.3	55.9
65	13.1	10.8	16.2





#25

Isophorone

Concen: 61.027 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

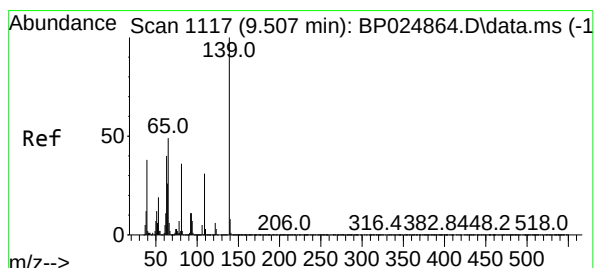
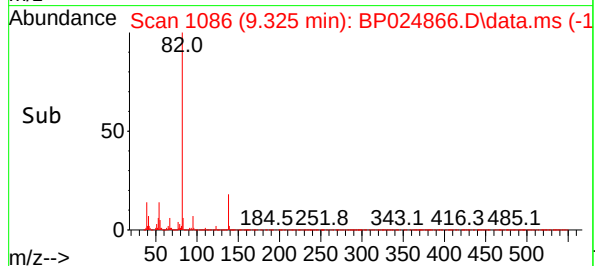
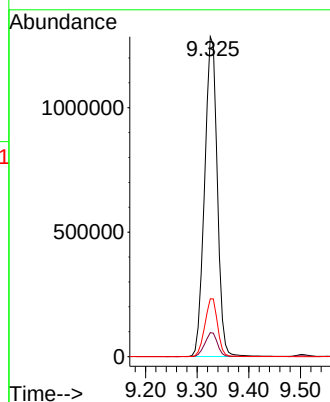
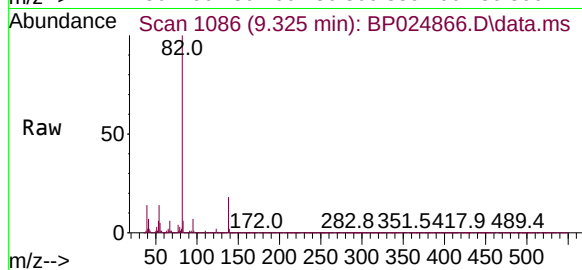
Tgt Ion: 82 Resp: 2191187

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

138 18.1 14.6 21.8



#26

2-Nitrophenol

Concen: 64.723 ng

RT: 9.507 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

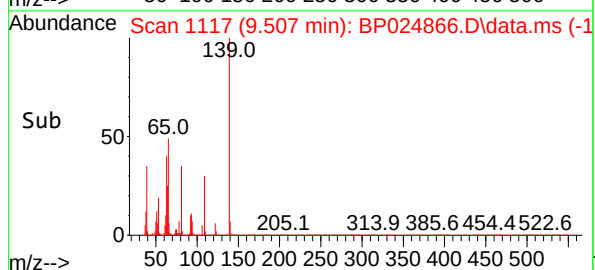
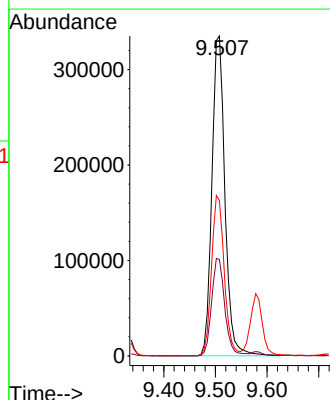
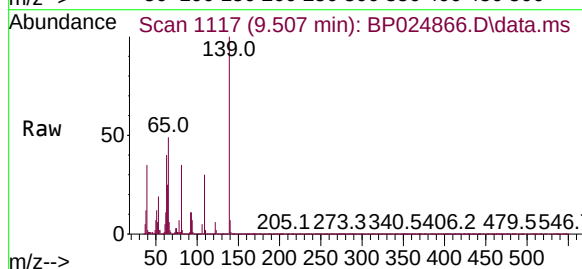
Tgt Ion: 139 Resp: 587760

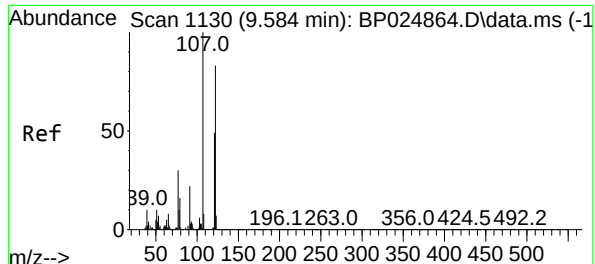
Ion Ratio Lower Upper

139 100

109 30.1 24.6 37.0

65 48.6 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 62.151 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

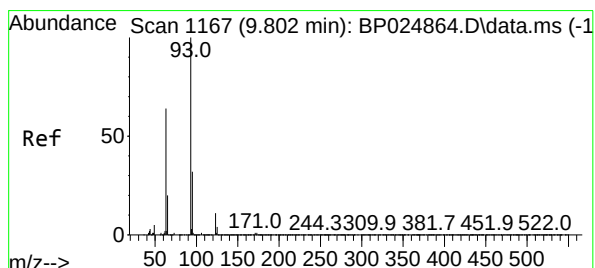
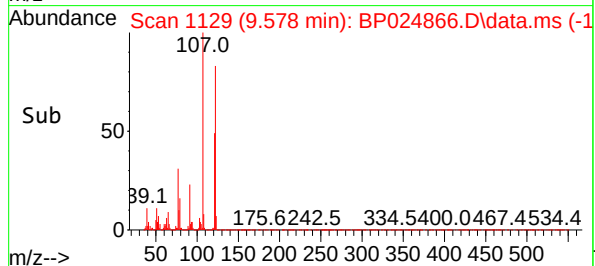
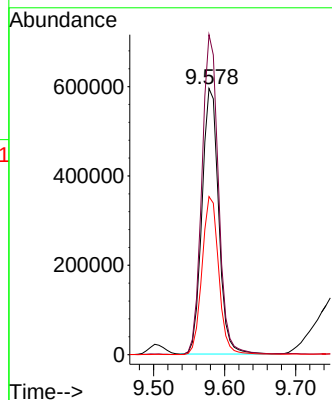
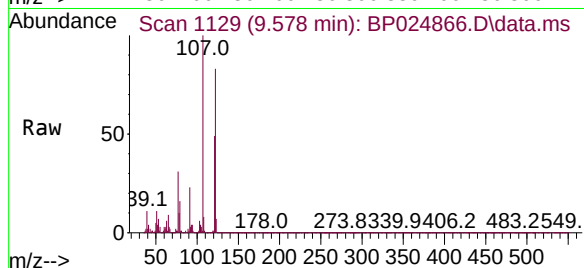
Tgt Ion:122 Resp: 965935

Ion Ratio Lower Upper

122 100

107 120.2 96.2 144.4

121 59.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 59.694 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

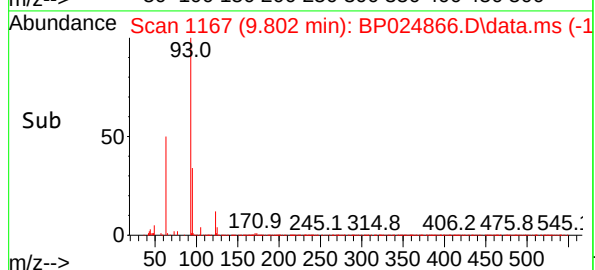
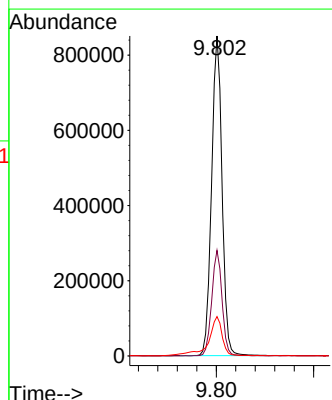
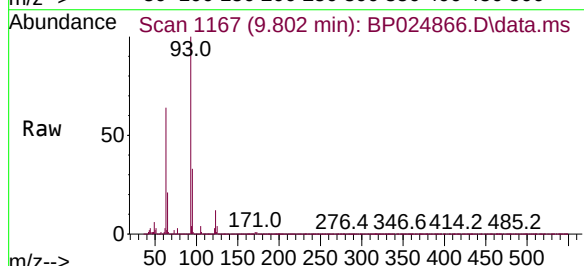
Tgt Ion: 93 Resp: 1278529

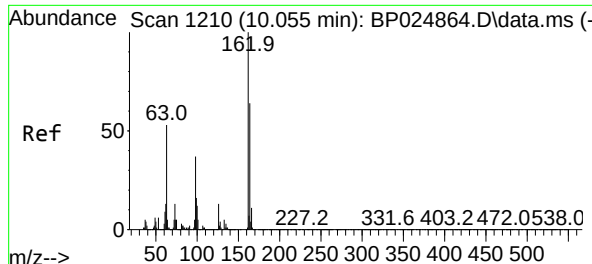
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 63.413 ng

RT: 10.049 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

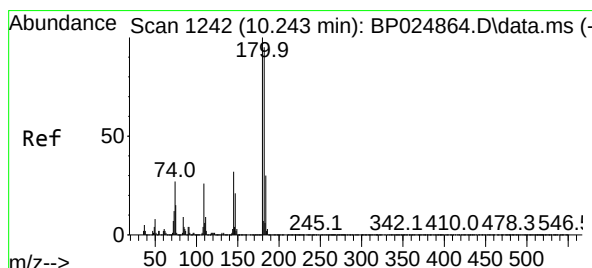
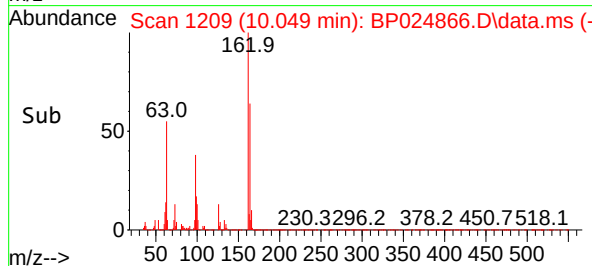
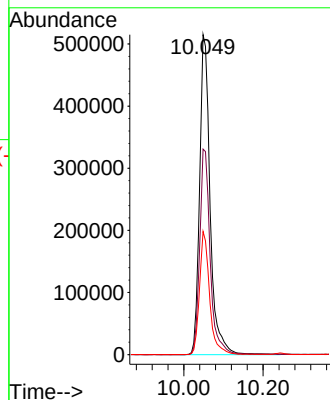
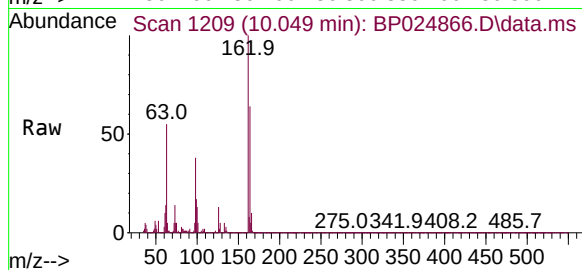
Tgt Ion:162 Resp: 945641

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 38.5 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 59.169 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

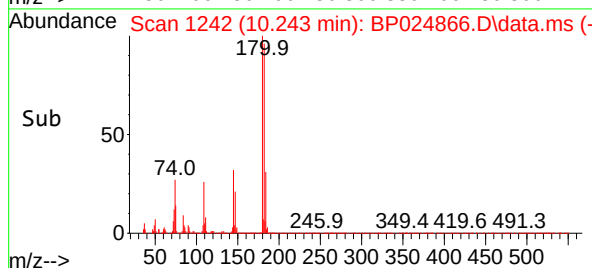
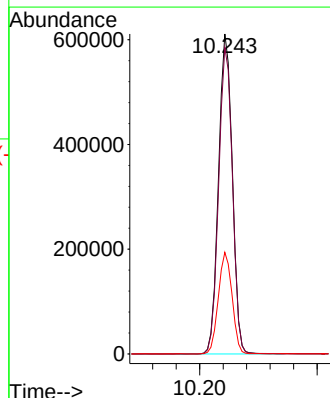
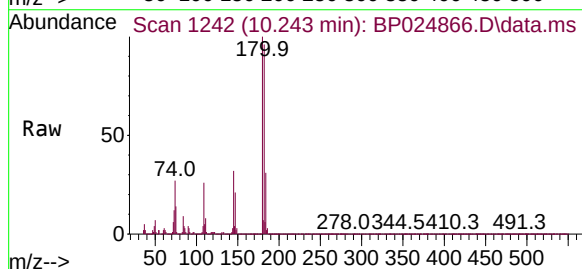
Tgt Ion:180 Resp: 995211

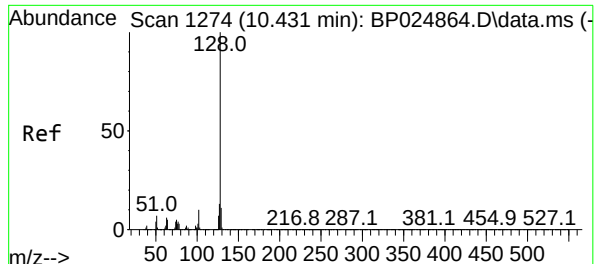
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

145 31.7 25.7 38.5

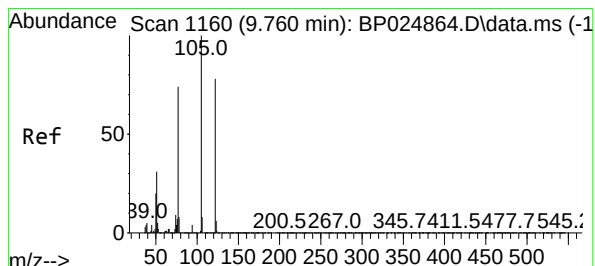
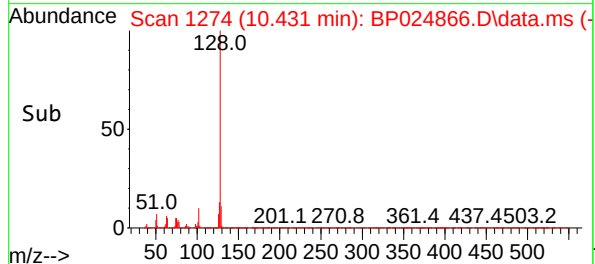
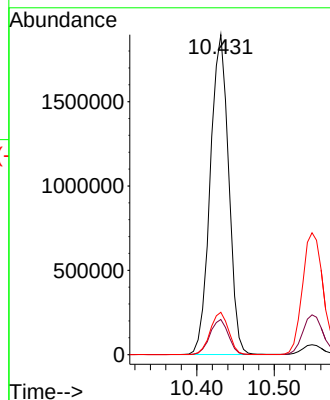
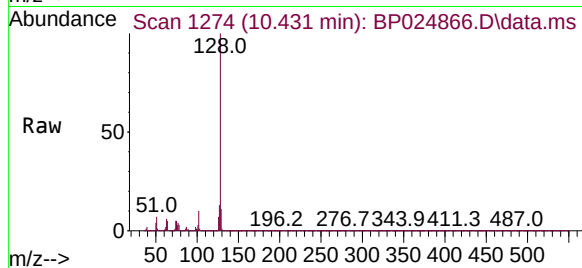




#31
Naphthalene
Concen: 60.566 ng
RT: 10.431 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

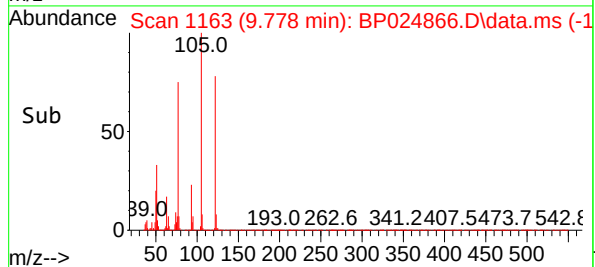
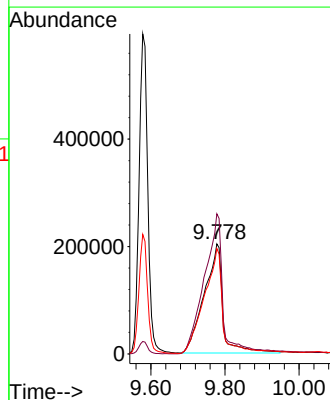
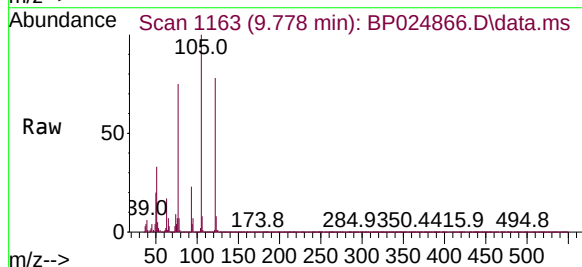
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

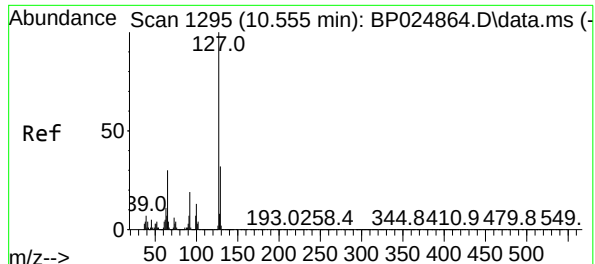
Tgt Ion:128 Resp: 3124640
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 68.525 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:122 Resp: 710052
Ion Ratio Lower Upper
122 100
105 127.5 107.1 147.1
77 95.8 75.1 115.1





#33

4-Chloroaniline

Concen: 64.650 ng

RT: 10.549 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 1397378

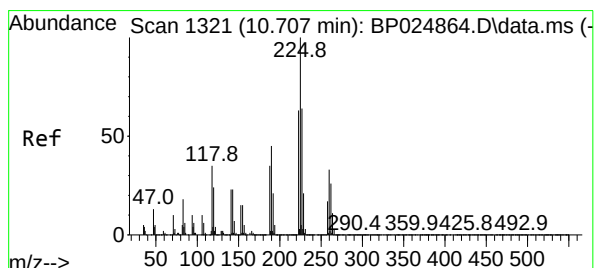
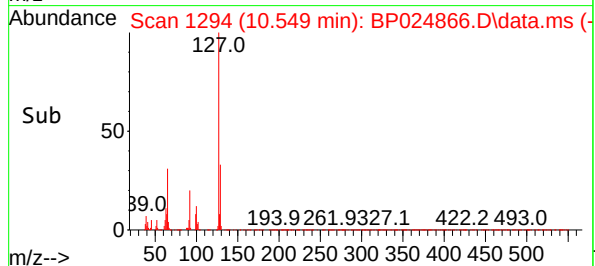
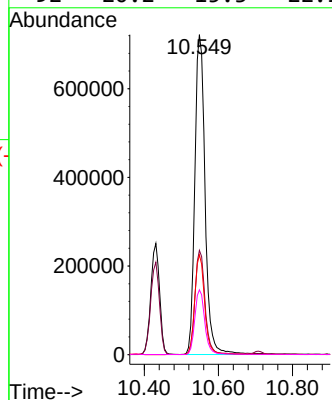
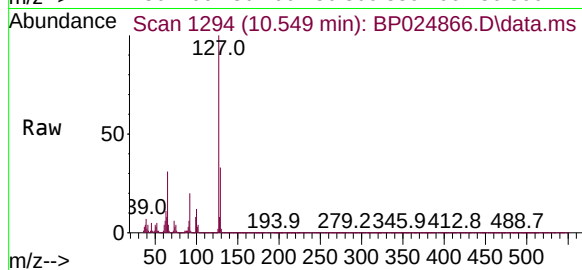
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 31.2 23.9 35.9

92 20.2 15.3 22.9



#34

Hexachlorobutadiene

Concen: 59.056 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

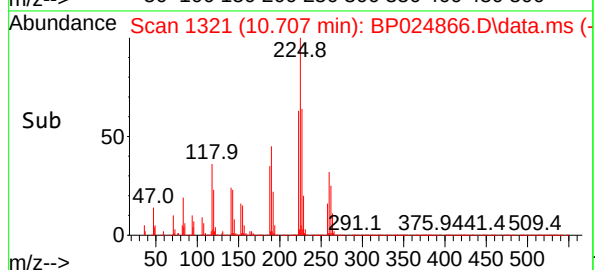
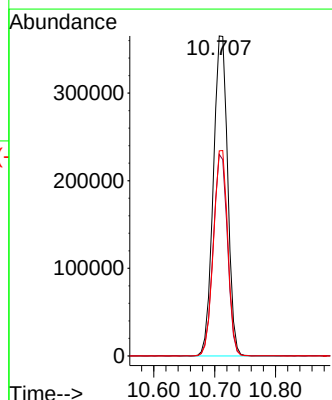
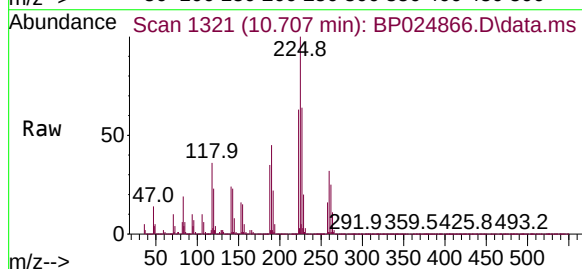
Tgt Ion:225 Resp: 598677

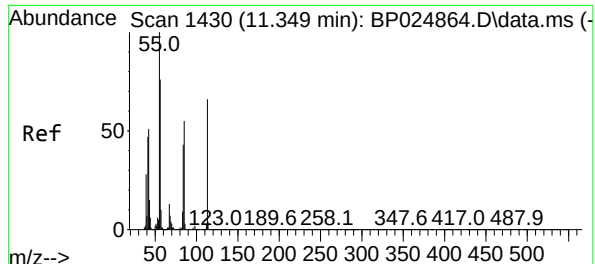
Ion Ratio Lower Upper

225 100

223 63.0 50.5 75.7

227 64.1 51.4 77.2

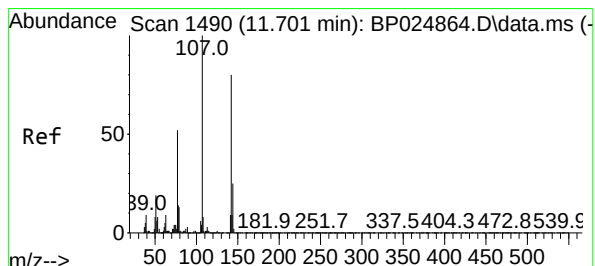
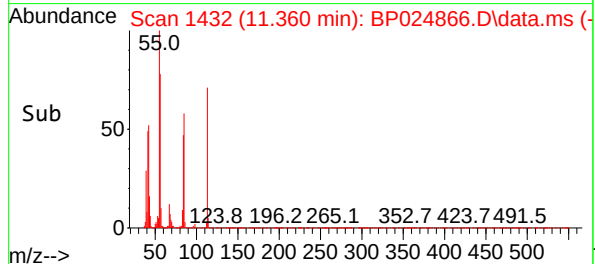
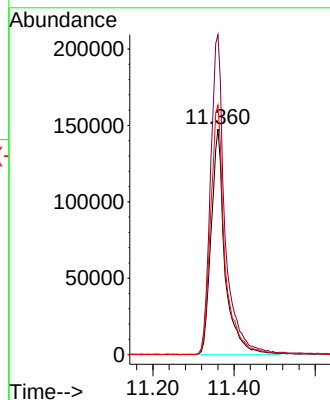
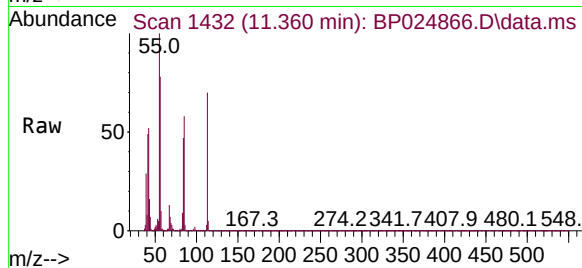




#35
Caprolactam
Concen: 63.654 ng
RT: 11.360 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

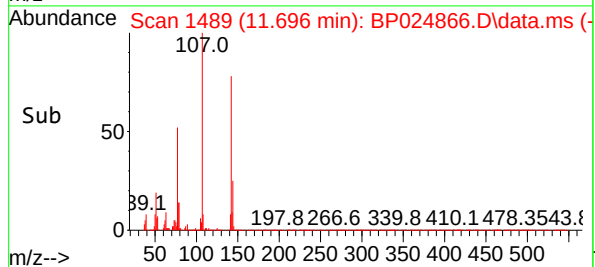
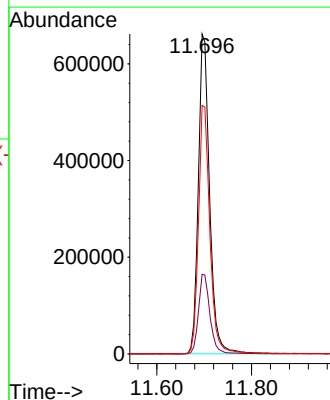
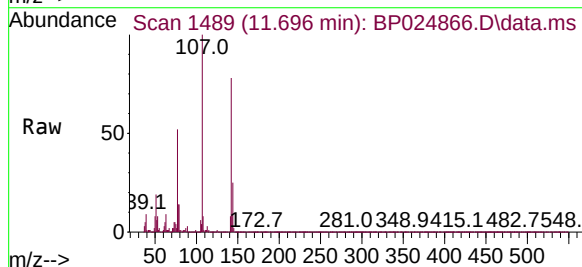
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

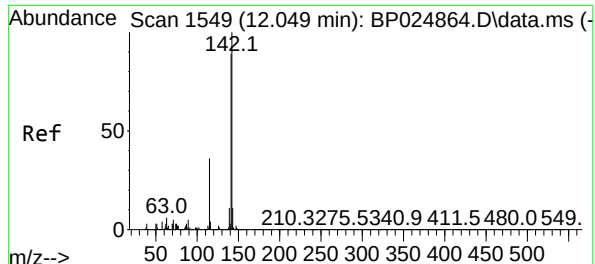
Tgt Ion:113 Resp: 349412
Ion Ratio Lower Upper
113 100
55 141.9 132.5 172.5
56 110.6 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 63.738 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:107 Resp: 1096315
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 77.6 63.8 95.6

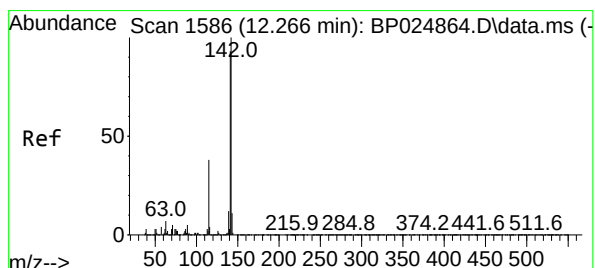
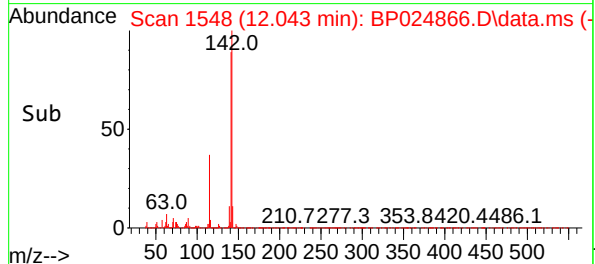
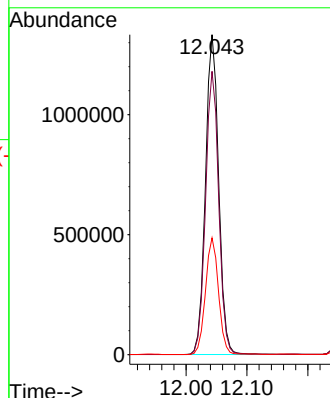
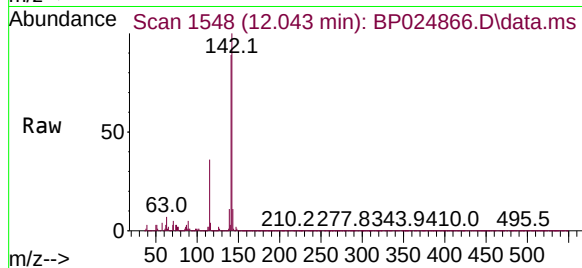




#37
2-Methylnaphthalene
Concen: 61.250 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

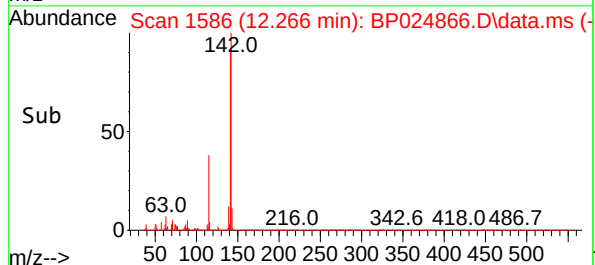
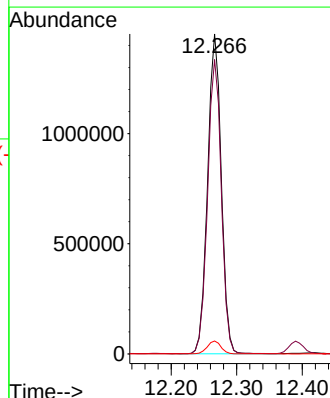
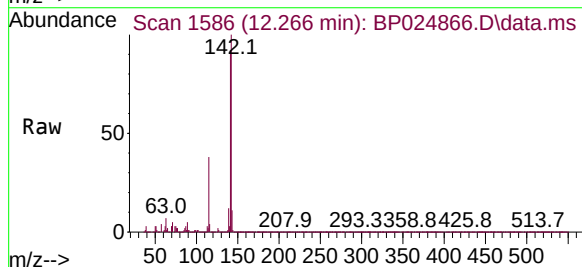
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

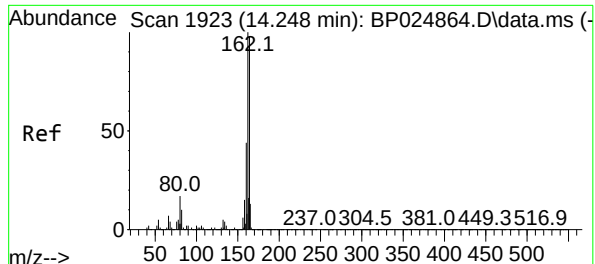
Tgt Ion:142 Resp: 2004422
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 59.832 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:142 Resp: 2093346
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDIC060

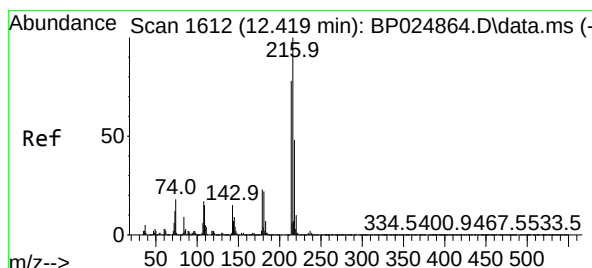
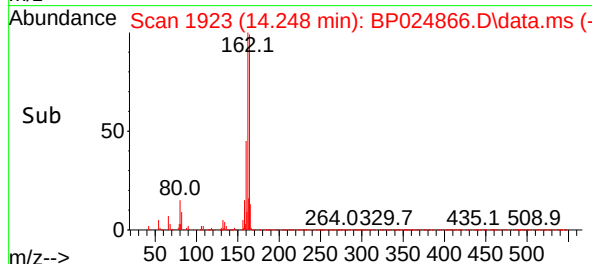
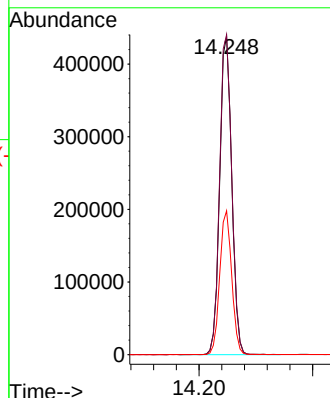
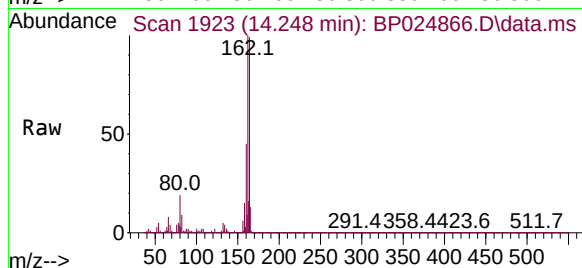
Tgt Ion:164 Resp: 639758

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 45.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.637 ng

RT: 12.419 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion:216 Resp: 1100767

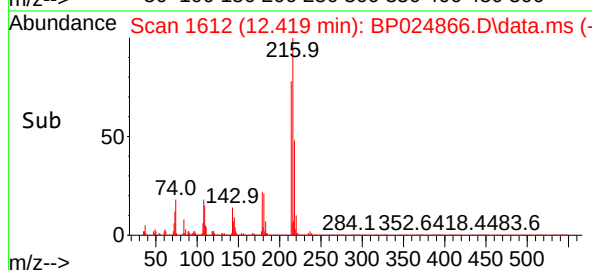
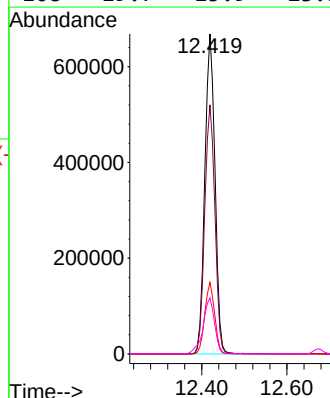
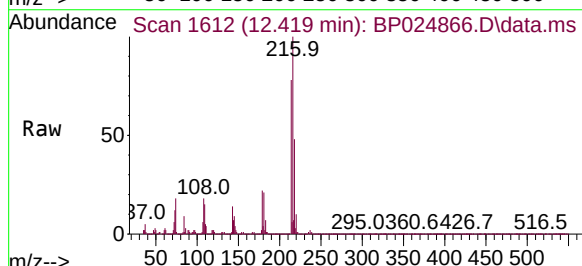
Ion Ratio Lower Upper

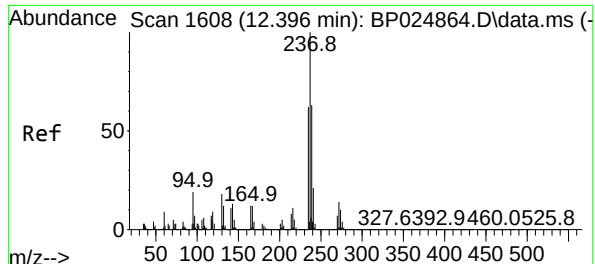
216 100

214 78.6 63.0 94.4

179 21.8 17.8 26.6

108 19.7 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 63.884 ng

RT: 12.390 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

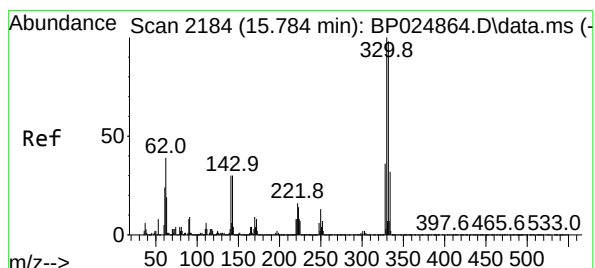
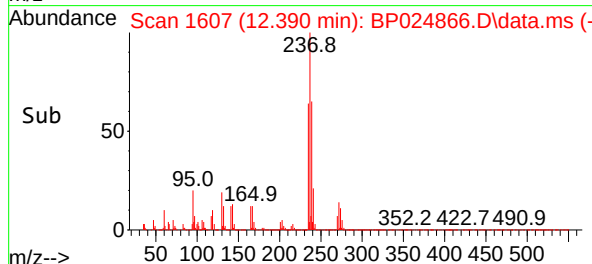
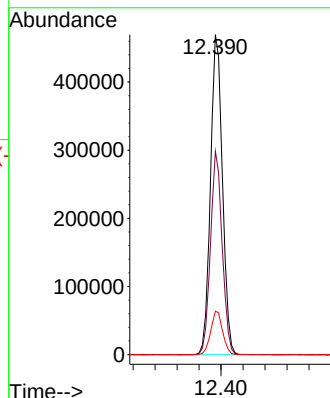
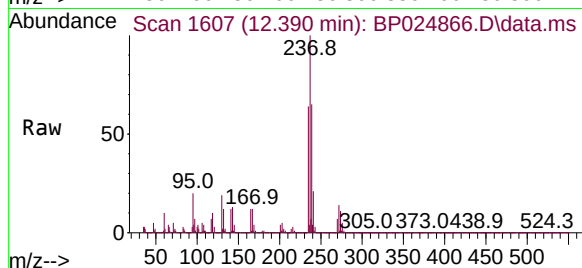
Tgt Ion:237 Resp: 707348

Ion Ratio Lower Upper

237 100

235 63.5 41.9 81.9

272 13.6 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 124.076 ng

RT: 15.772 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

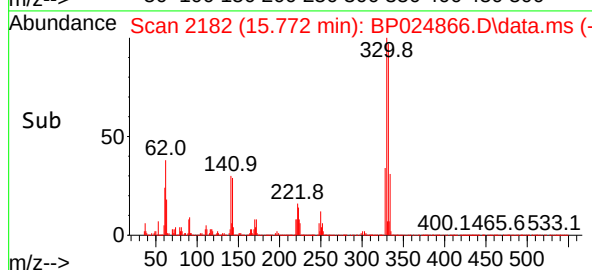
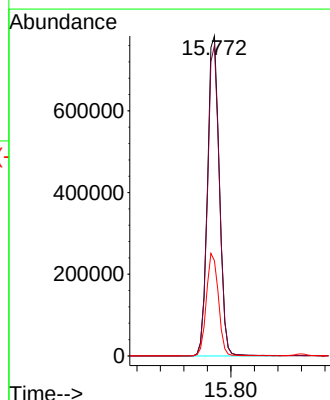
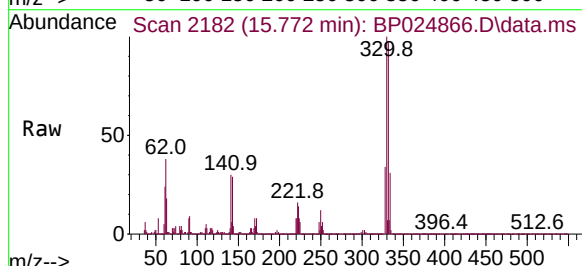
Tgt Ion:330 Resp: 1097449

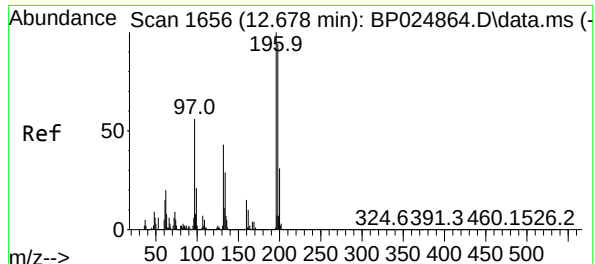
Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 32.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 63.669 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

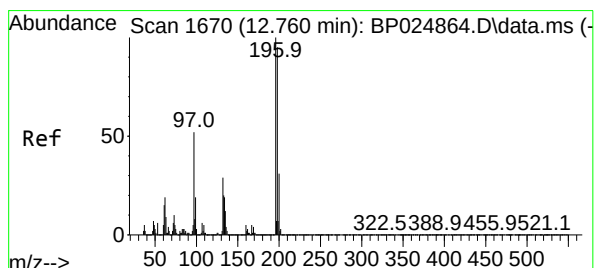
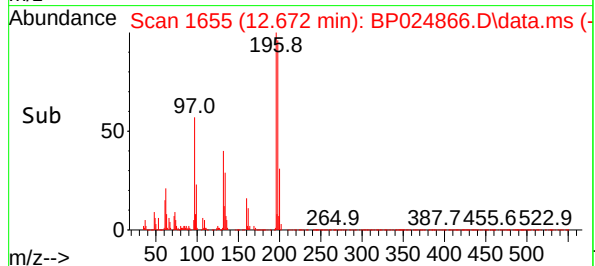
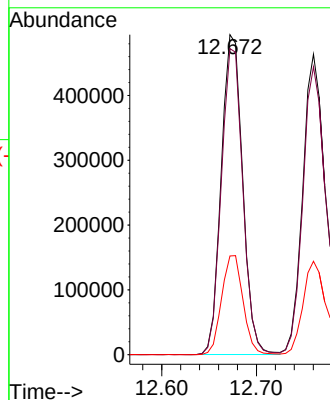
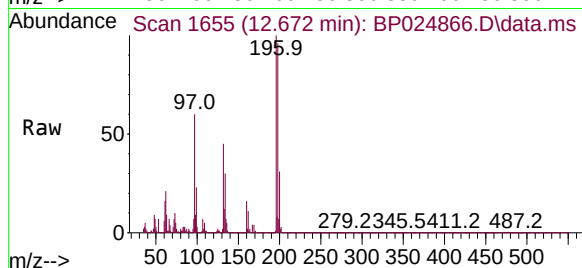
Tgt Ion:196 Resp: 776210

Ion Ratio Lower Upper

196 100

198 95.6 75.4 113.0

200 30.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 64.077 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion:196 Resp: 836590

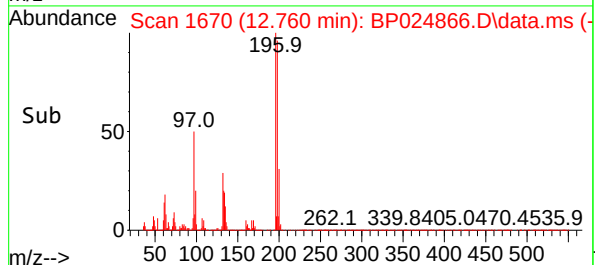
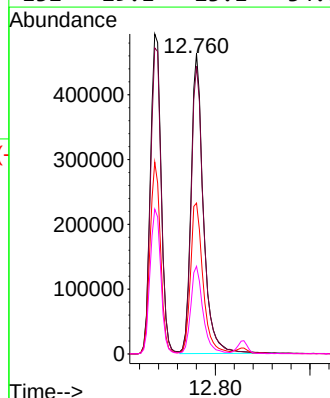
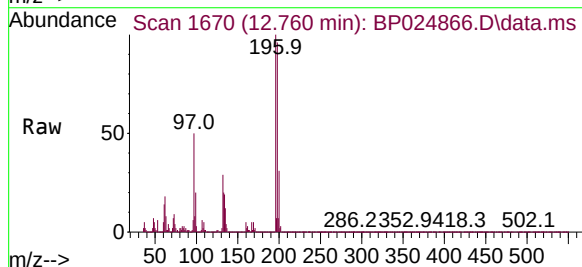
Ion Ratio Lower Upper

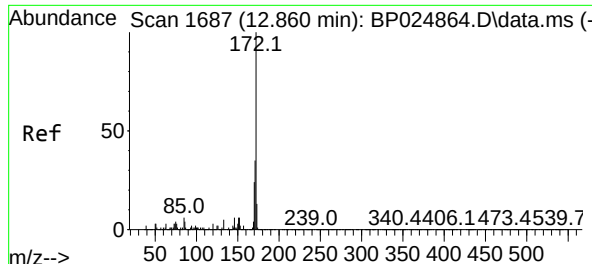
196 100

198 95.8 76.0 114.0

97 50.2 41.5 62.3

132 29.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 118.347 ng

RT: 12.860 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

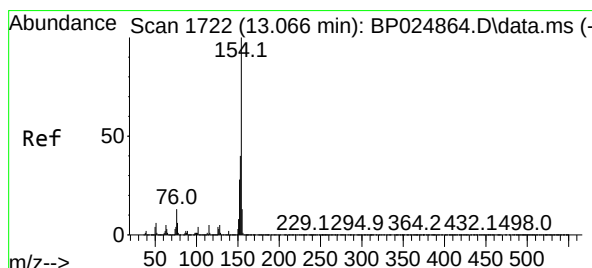
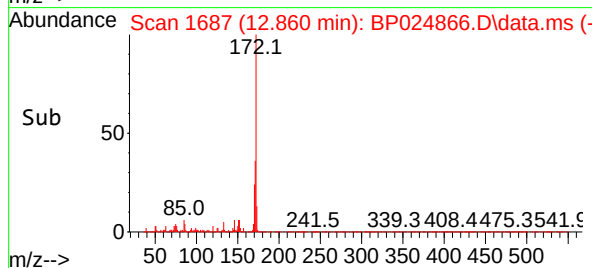
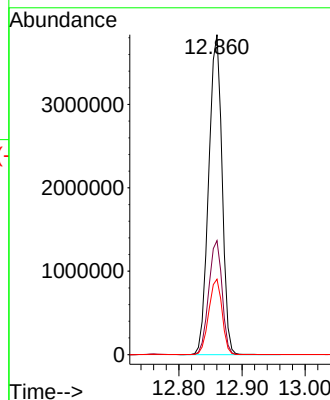
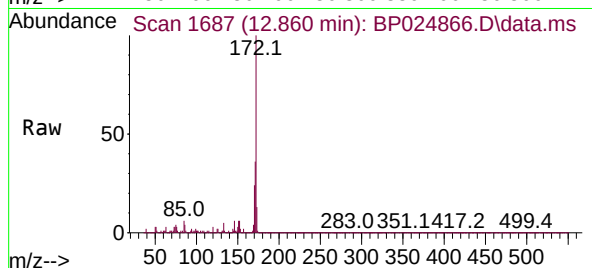
Tgt Ion:172 Resp: 5620380

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 60.176 ng

RT: 13.066 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

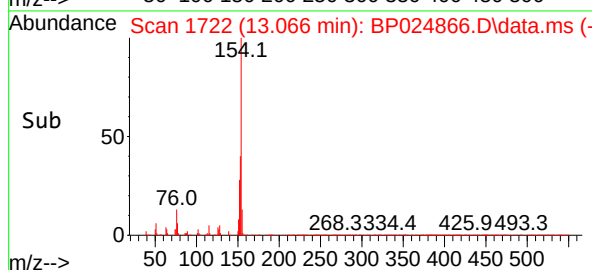
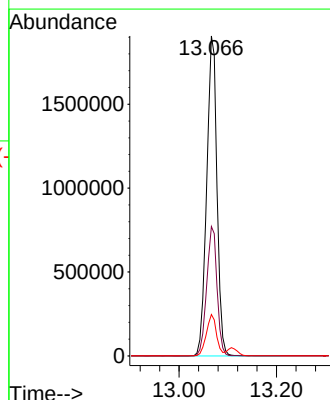
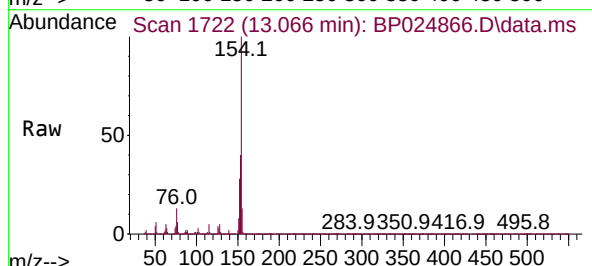
Tgt Ion:154 Resp: 2797746

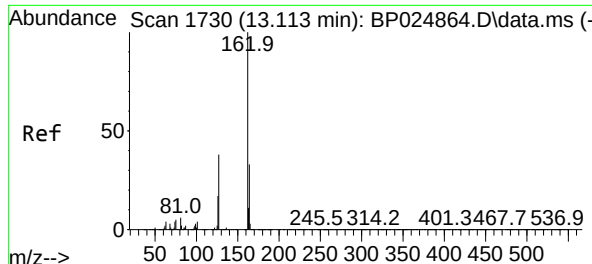
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 61.023 ng

RT: 13.107 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

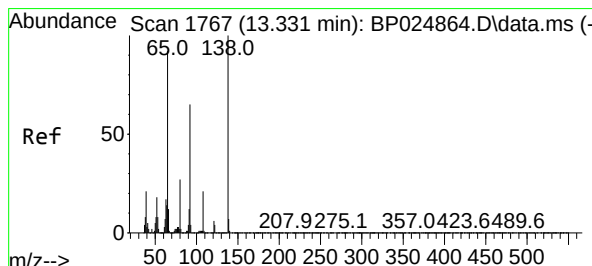
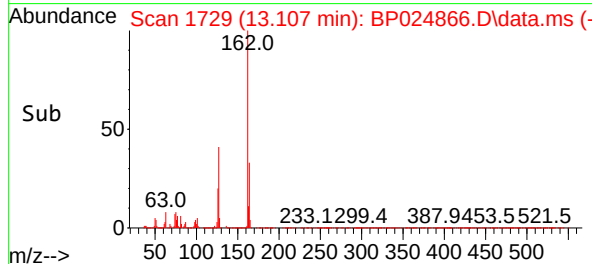
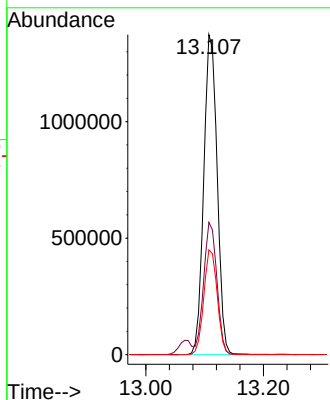
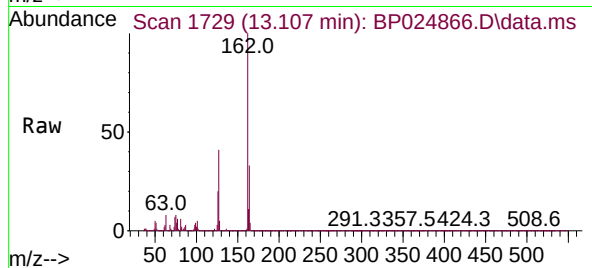
Tgt Ion:162 Resp: 2180558

Ion Ratio Lower Upper

162 100

127 41.4 32.5 48.7

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 65.376 ng

RT: 13.331 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

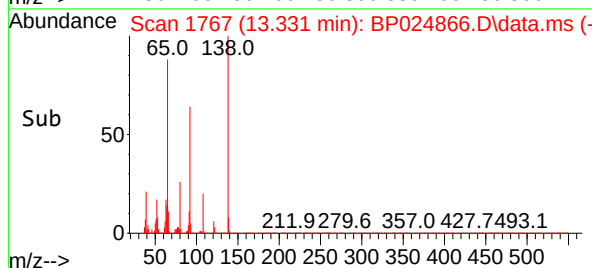
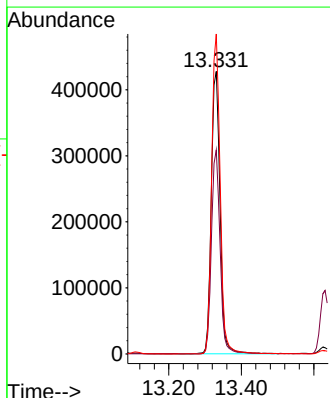
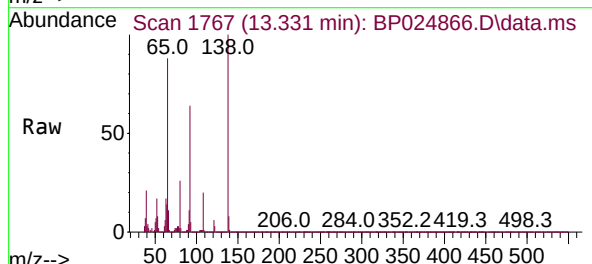
Tgt Ion: 65 Resp: 718204

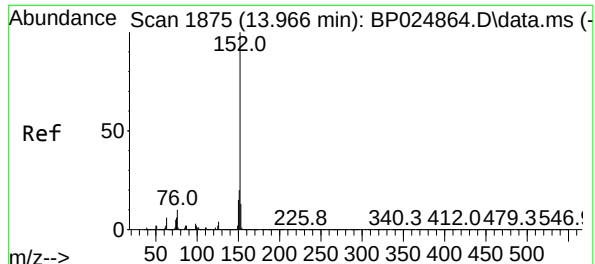
Ion Ratio Lower Upper

65 100

92 72.2 56.8 85.2

138 113.3 86.9 130.3





#49

Acenaphthylene

Concen: 61.318 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

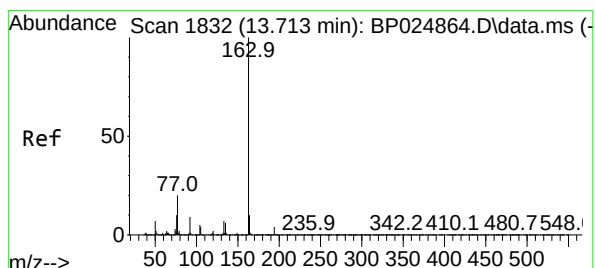
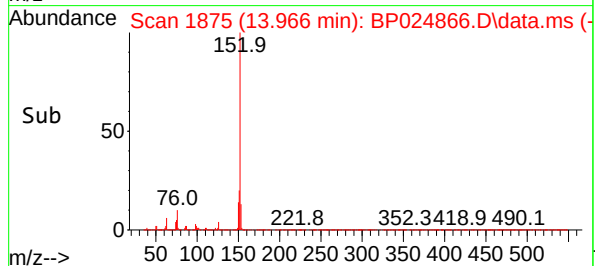
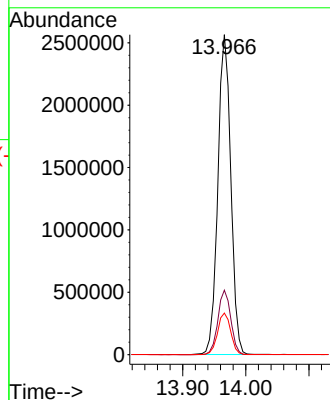
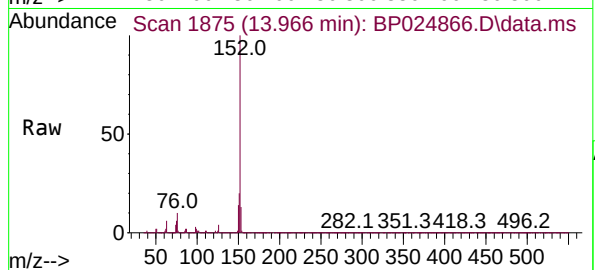
Tgt Ion:152 Resp: 3653383

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 59.902 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

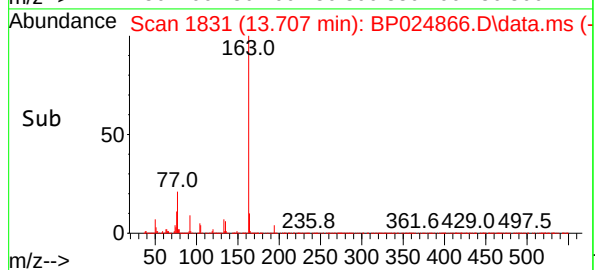
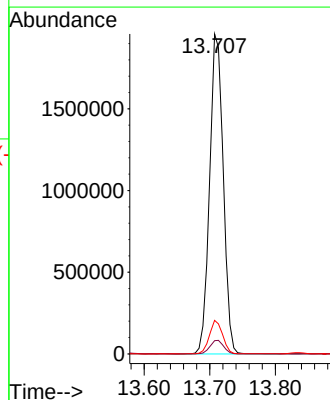
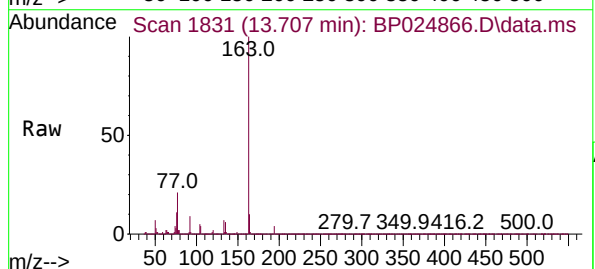
Tgt Ion:163 Resp: 2826983

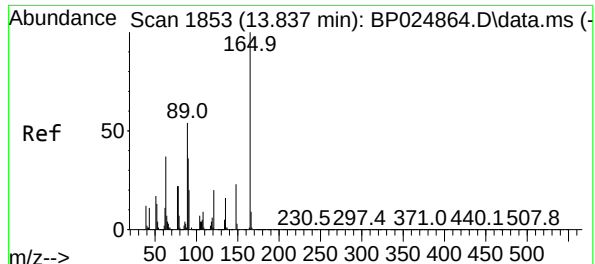
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.5 8.0 12.0

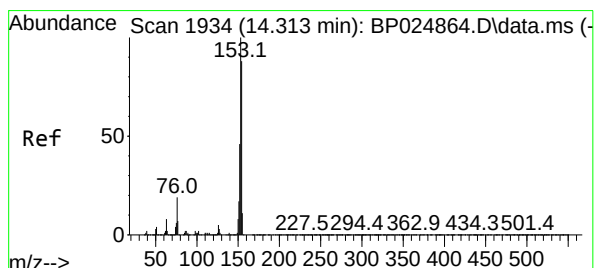
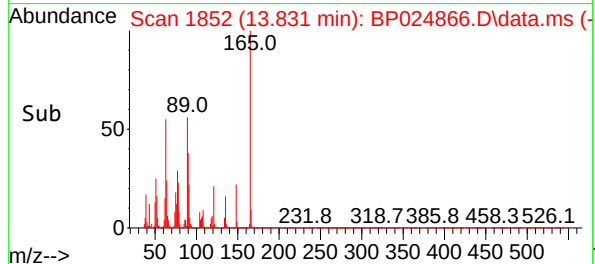
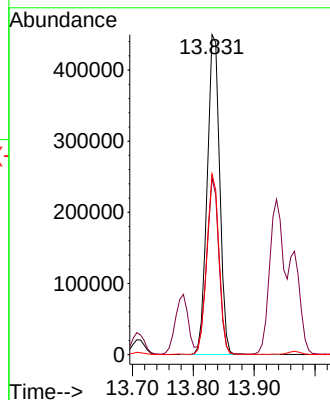
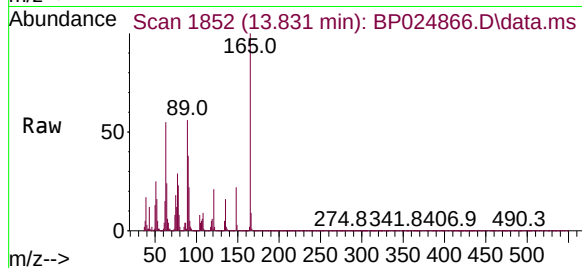




#51
2,6-Dinitrotoluene
Concen: 62.878 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

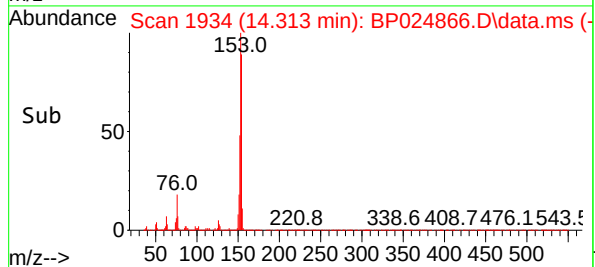
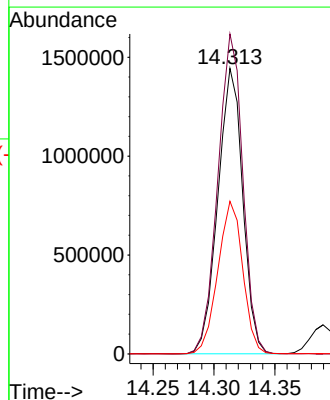
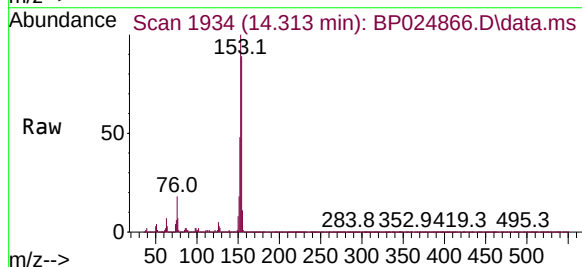
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

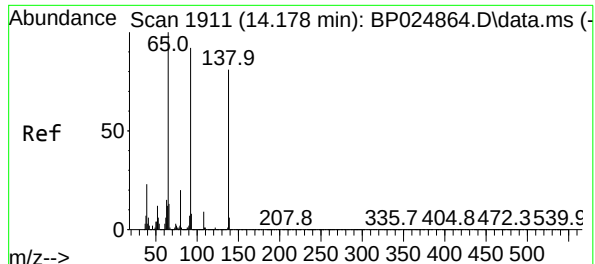
Tgt Ion:165 Resp: 639722
Ion Ratio Lower Upper
165 100
63 55.2 41.8 62.8
89 56.4 43.1 64.7



#52
Acenaphthene
Concen: 60.082 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:154 Resp: 2051309
Ion Ratio Lower Upper
154 100
153 112.1 90.5 135.7
152 53.5 42.1 63.1

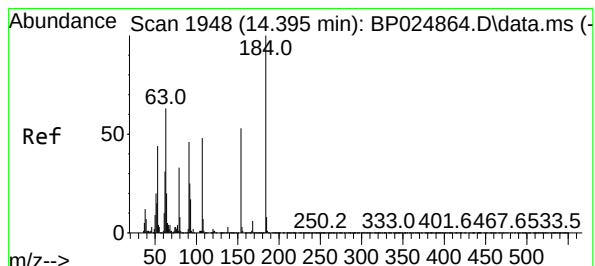
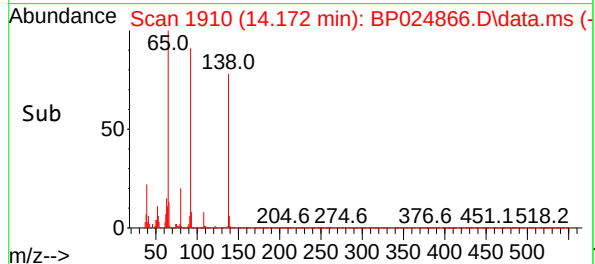
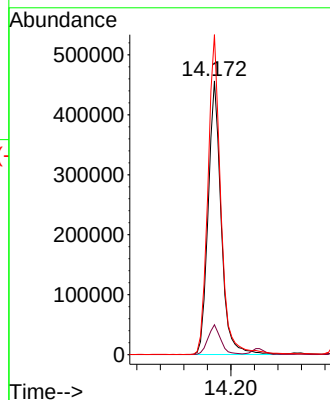
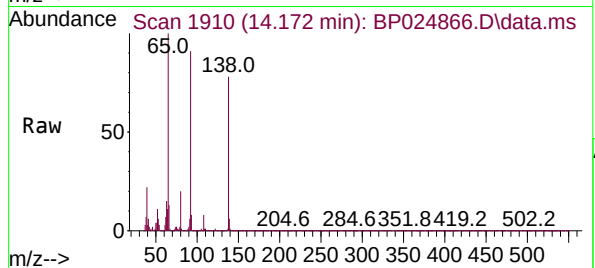




#53
3-Nitroaniline
Concen: 66.199 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

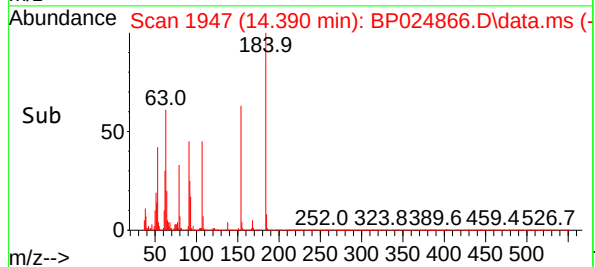
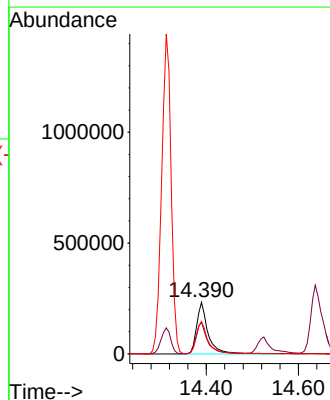
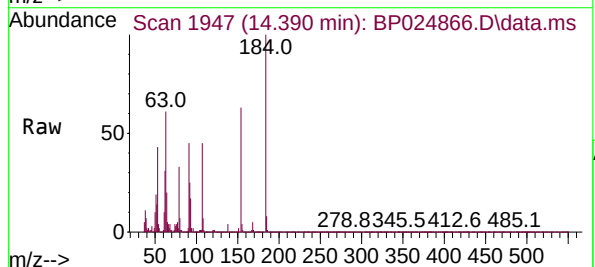
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

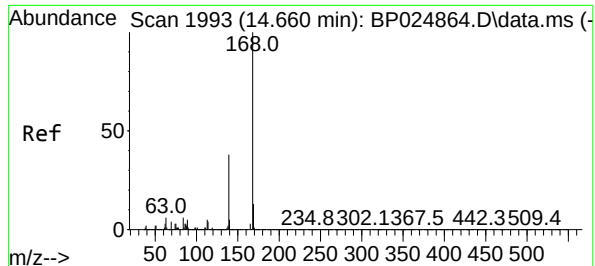
Tgt Ion:138 Resp: 698945
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 116.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 61.497 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:184 Resp: 398250
Ion Ratio Lower Upper
184 100
63 61.2 51.0 76.4
154 63.0 51.7 77.5





#55

Dibenzofuran

Concen: 59.618 ng

RT: 14.654 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

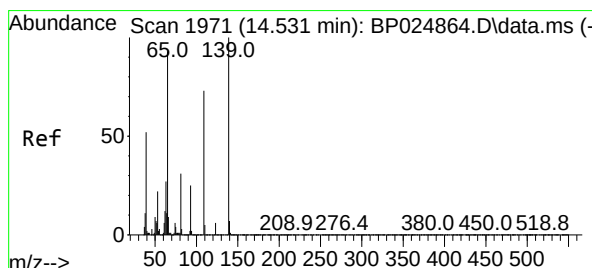
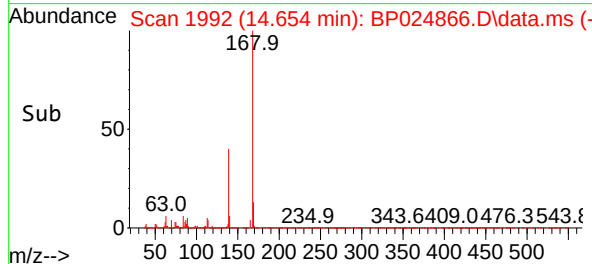
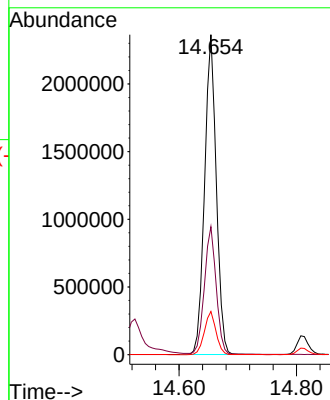
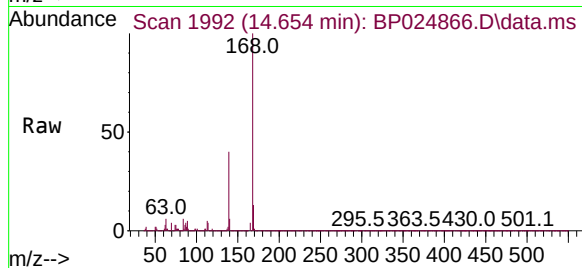
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 3267254

Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.6	47.4
169	13.5	10.6	15.8



#56

4-Nitrophenol

Concen: 61.650 ng

RT: 14.525 min Scan# 1970

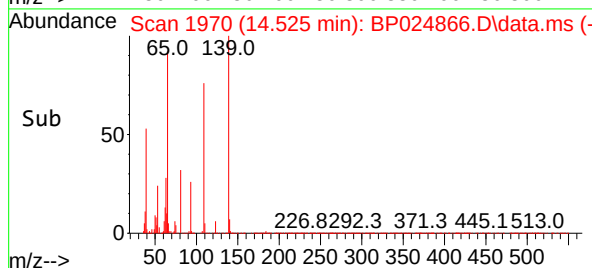
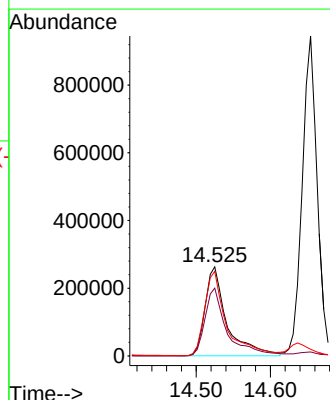
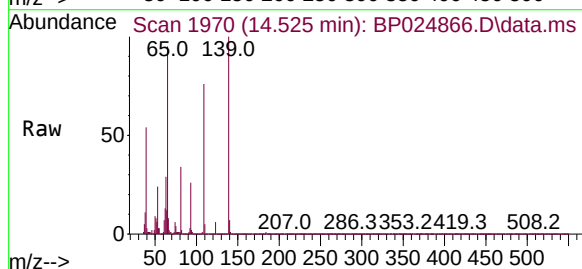
Delta R.T. -0.006 min

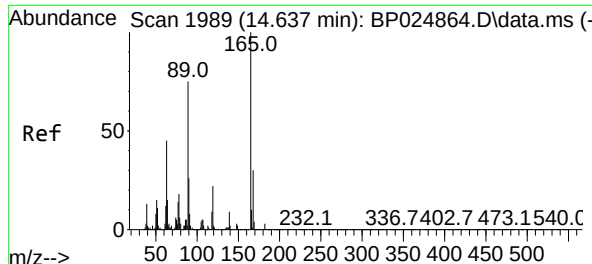
Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion:139 Resp: 539162

Ion	Ratio	Lower	Upper
139	100		
109	76.2	53.1	93.1
65	95.0	73.0	113.0





#57

2,4-Dinitrotoluene

Concen: 63.345 ng

RT: 14.637 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 901515

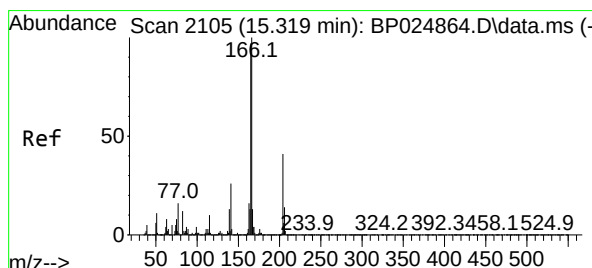
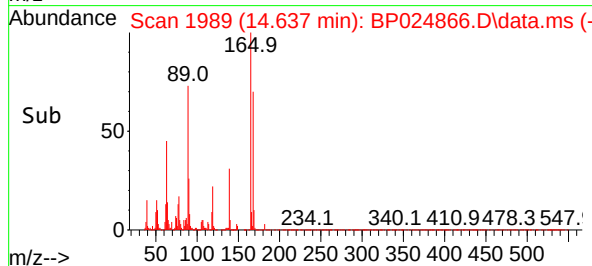
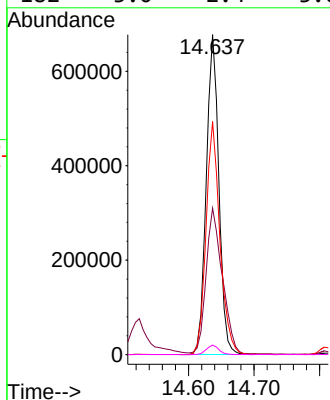
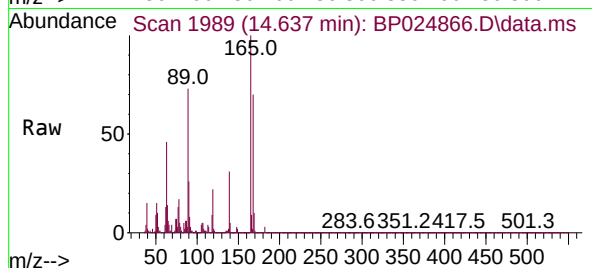
Ion Ratio Lower Upper

165 100

63 45.8 37.0 55.6

89 72.8 60.1 90.1

182 3.0 2.4 3.6



#58

Fluorene

Concen: 59.381 ng

RT: 15.319 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

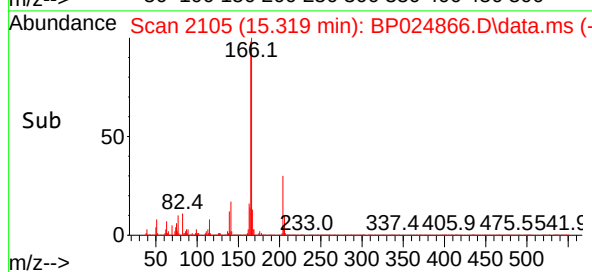
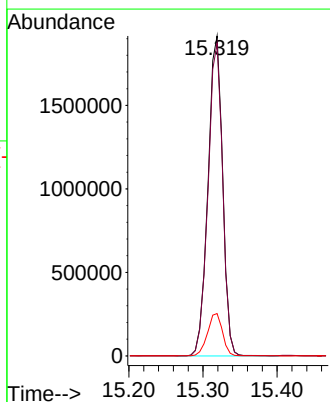
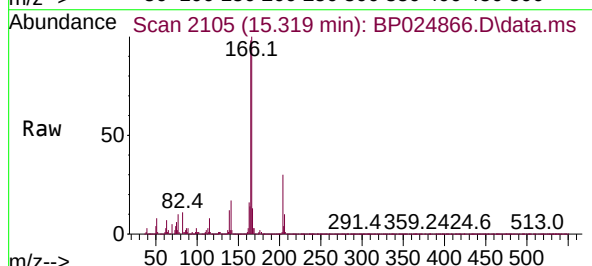
Tgt Ion:166 Resp: 2628887

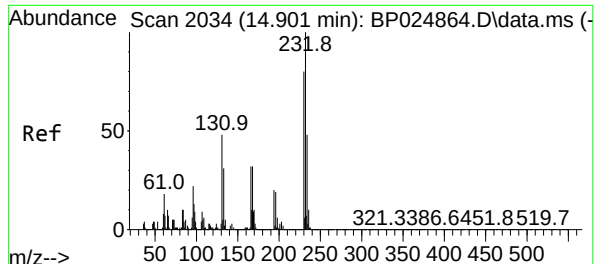
Ion Ratio Lower Upper

166 100

165 97.6 77.7 116.5

167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.524 ng

RT: 14.895 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 730647

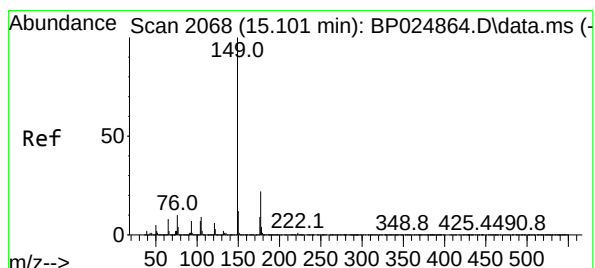
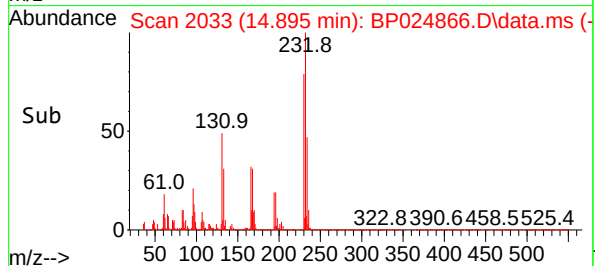
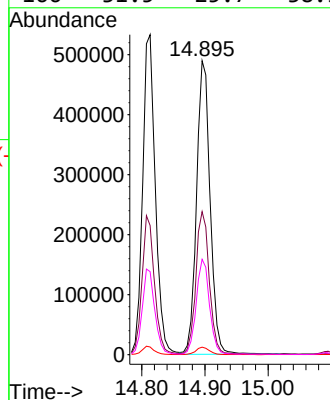
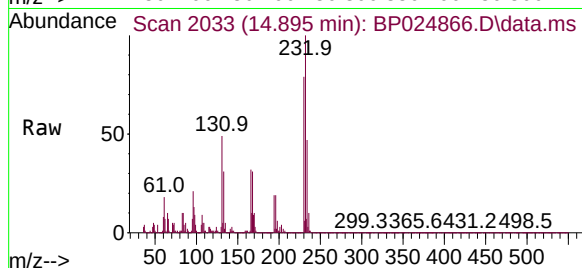
Ion Ratio Lower Upper

232 100

131 48.2 38.2 57.2

130 2.5 2.1 3.1

166 31.5 25.7 38.5



#60

Diethylphthalate

Concen: 58.943 ng

RT: 15.090 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

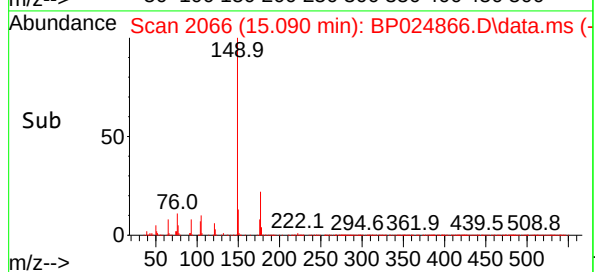
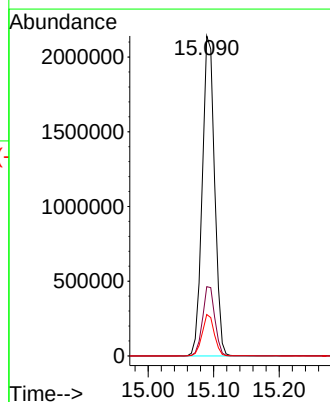
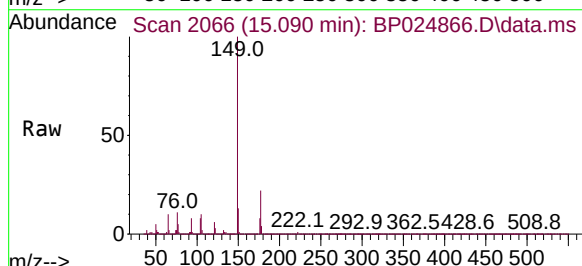
Tgt Ion:149 Resp: 2772340

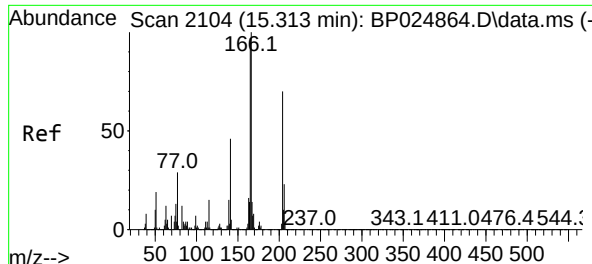
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.9 9.8 14.6

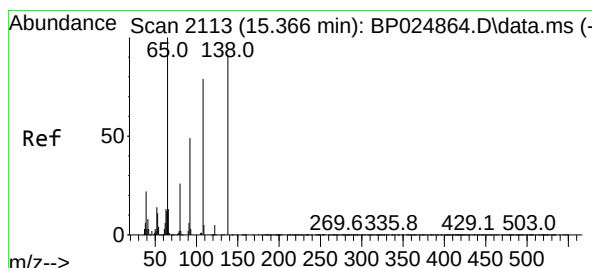
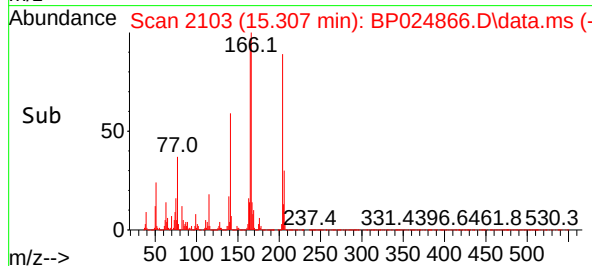
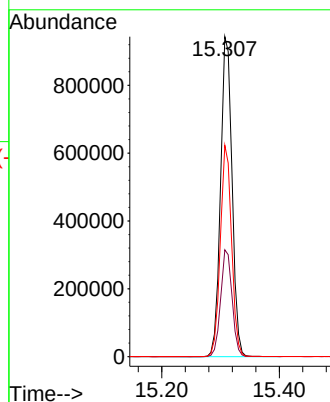
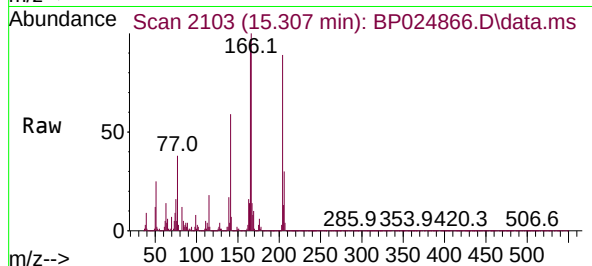




#61
4-Chlorophenyl-phenylether
Concen: 58.980 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

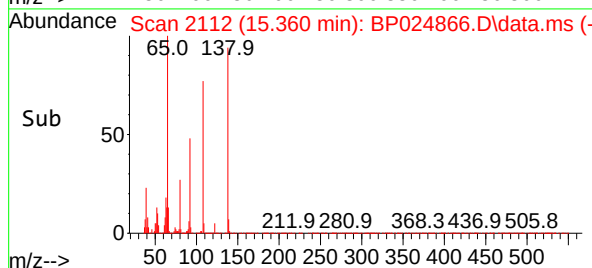
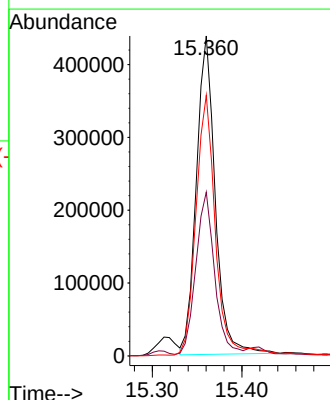
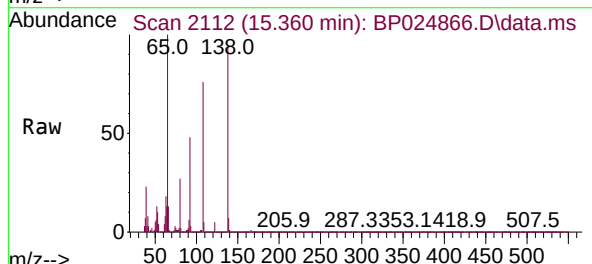
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

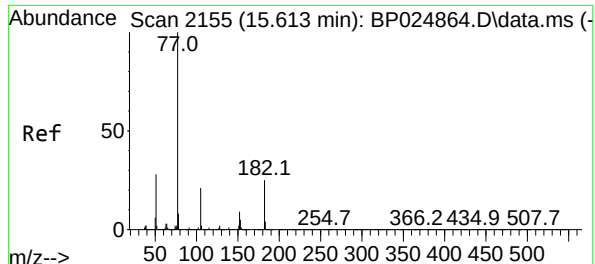
Tgt Ion:204 Resp: 1276716
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 66.0 52.4 78.6



#62
4-Nitroaniline
Concen: 66.714 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:138 Resp: 639038
Ion Ratio Lower Upper
138 100
92 51.2 33.5 73.5
108 81.4 65.1 105.1

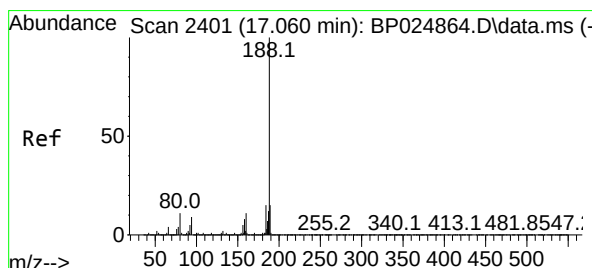
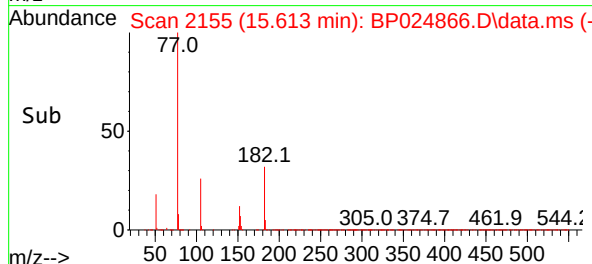
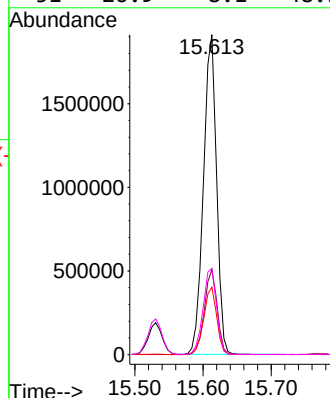
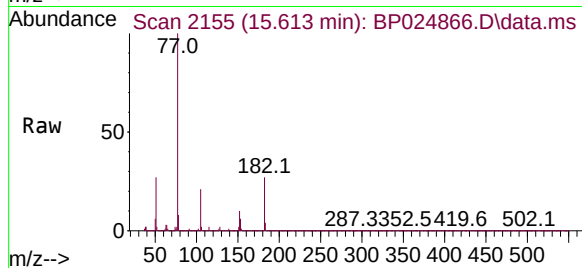




#63
Azobenzene
Concen: 59.380 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

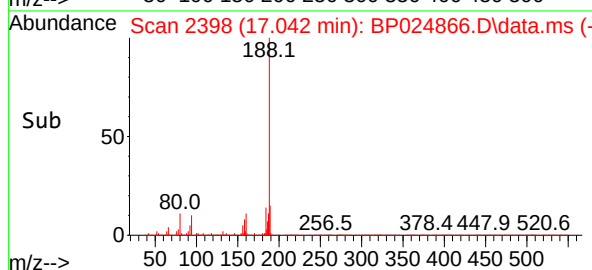
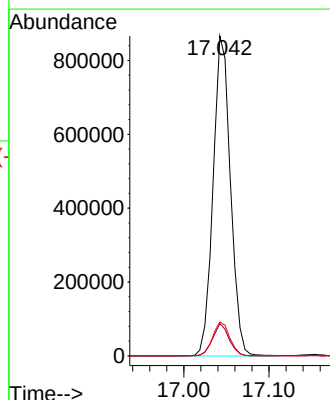
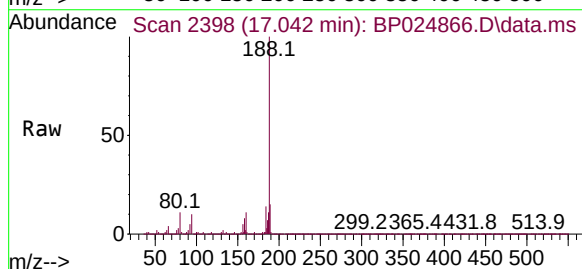
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

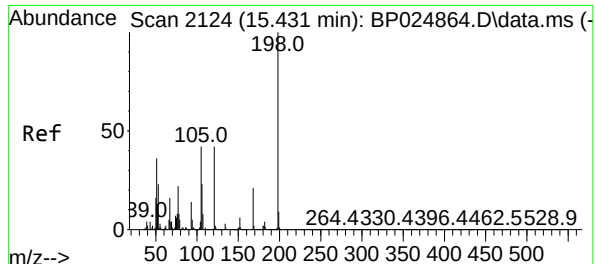
Tgt Ion: 77 Resp: 2561443
Ion Ratio Lower Upper
77 100
182 26.6 5.4 45.4
105 21.1 0.8 40.8
51 26.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 188 Resp: 1223735
Ion Ratio Lower Upper
188 100
94 10.1 7.3 10.9
80 10.6 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 65.178 ng

RT: 15.419 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

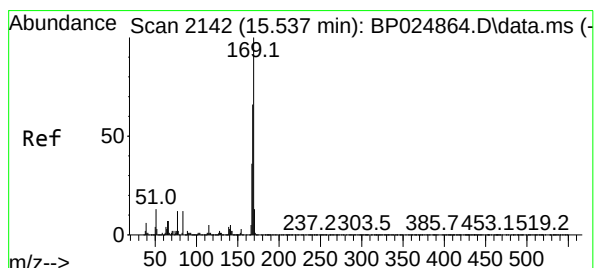
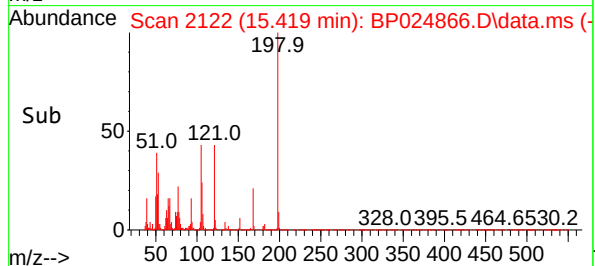
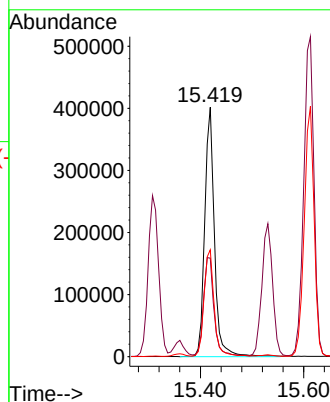
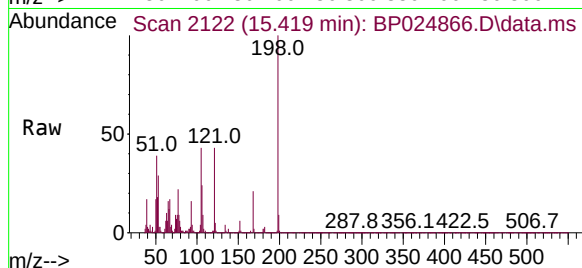
Tgt Ion:198 Resp: 524098

Ion Ratio Lower Upper

198 100

51 39.5 19.2 59.2

105 42.8 22.6 62.6



#66

n-Nitrosodiphenylamine

Concen: 60.188 ng

RT: 15.531 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

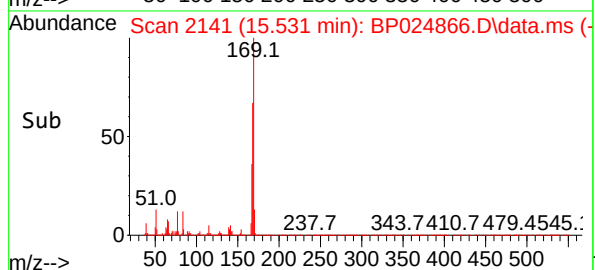
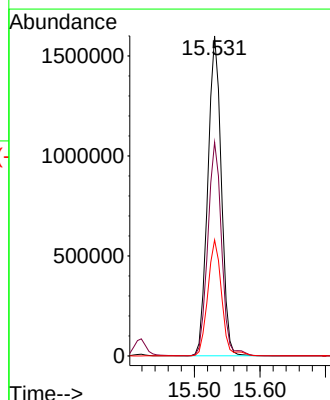
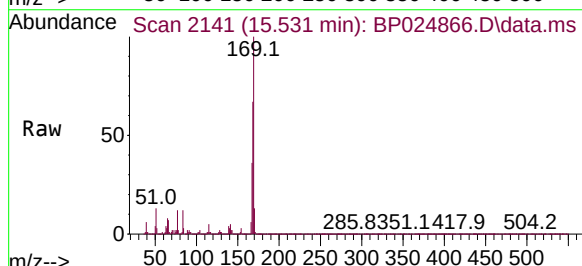
Tgt Ion:169 Resp: 2282932

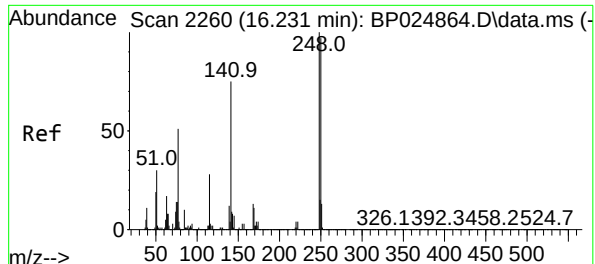
Ion Ratio Lower Upper

169 100

168 66.8 53.0 79.6

167 36.2 28.6 43.0

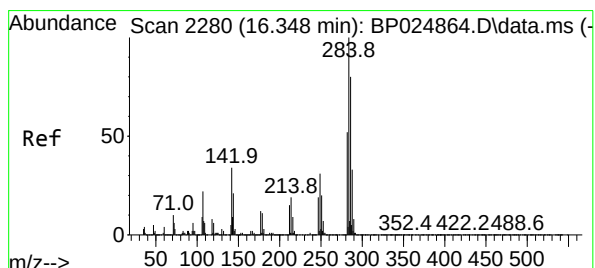
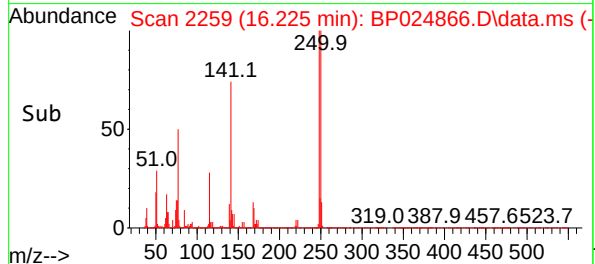
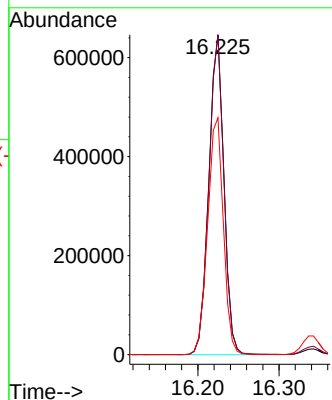
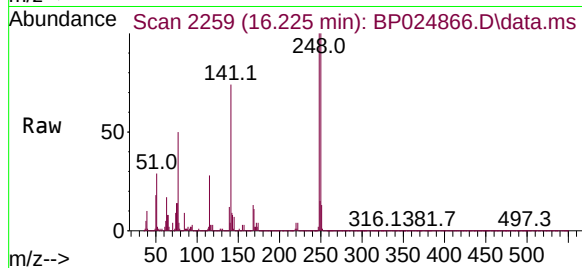




#67
4-Bromophenyl-phenylether
Concen: 60.812 ng
RT: 16.225 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

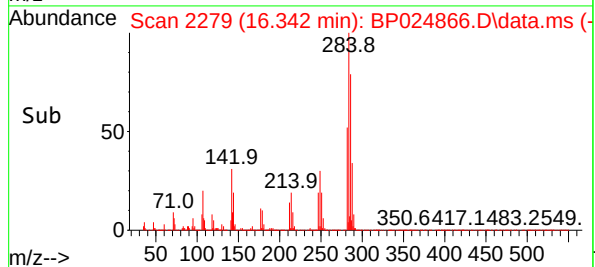
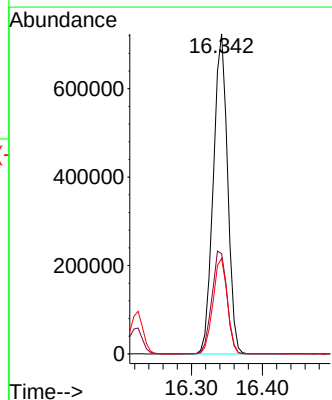
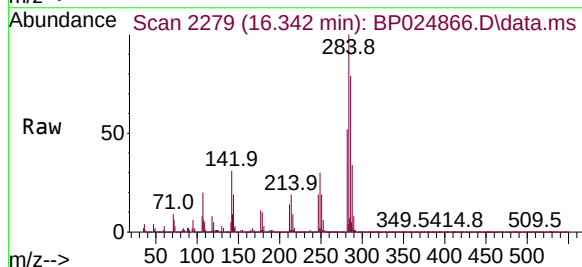
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

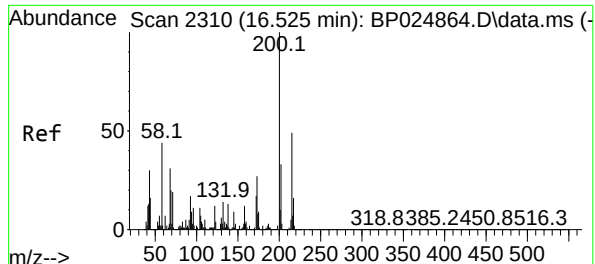
Tgt Ion:248 Resp: 839674
Ion Ratio Lower Upper
248 100
250 100.1 77.4 116.2
141 74.1 59.9 89.9



#68
Hexachlorobenzene
Concen: 60.238 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:284 Resp: 1008320
Ion Ratio Lower Upper
284 100
142 31.3 27.0 40.6
249 29.9 25.0 37.6





#69

Atrazine

Concen: 60.814 ng

RT: 16.519 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

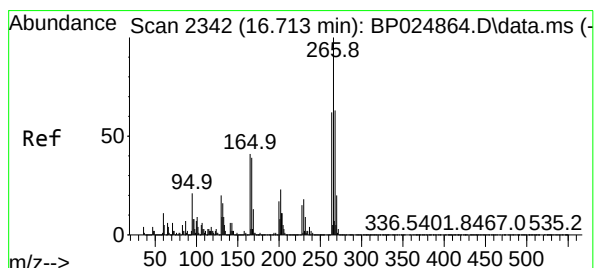
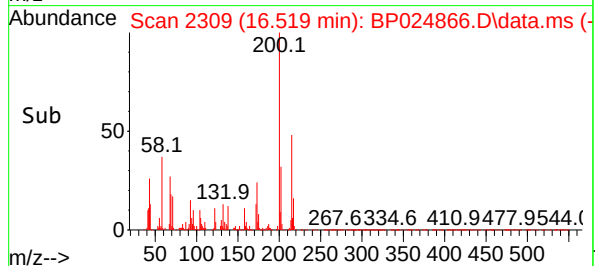
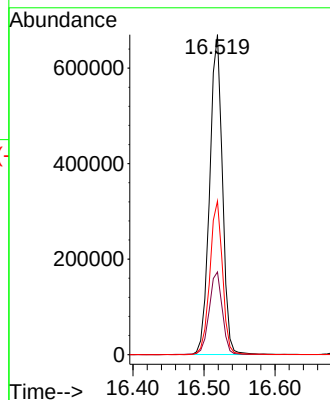
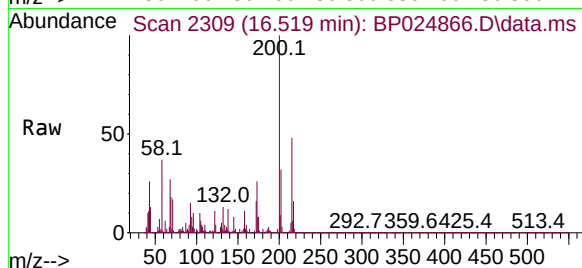
Tgt Ion:200 Resp: 836217

Ion Ratio Lower Upper

200 100

173 25.8 6.9 46.9

215 48.0 28.7 68.7



#70

Pentachlorophenol

Concen: 64.826 ng

RT: 16.701 min Scan# 2340

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

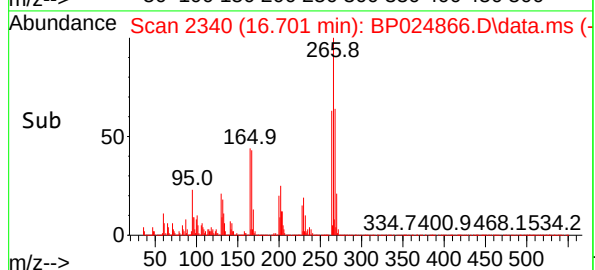
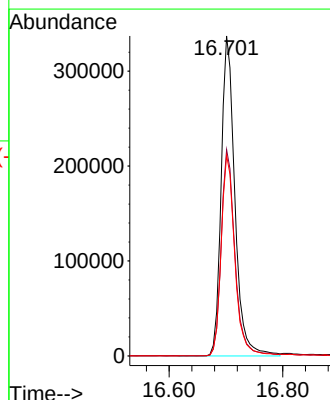
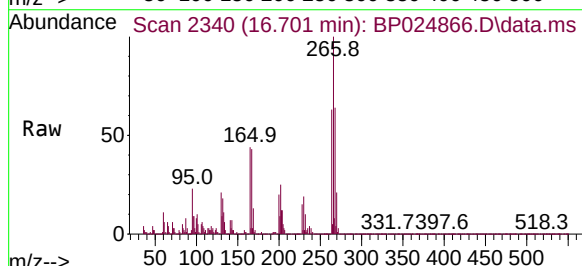
Tgt Ion:266 Resp: 561603

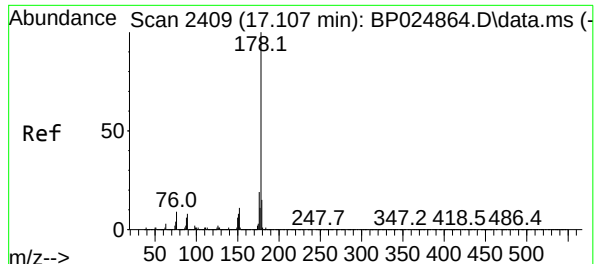
Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

264 62.7 49.7 74.5

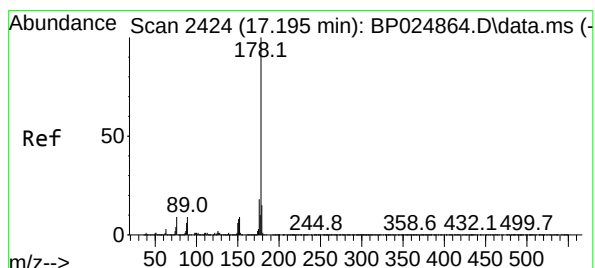
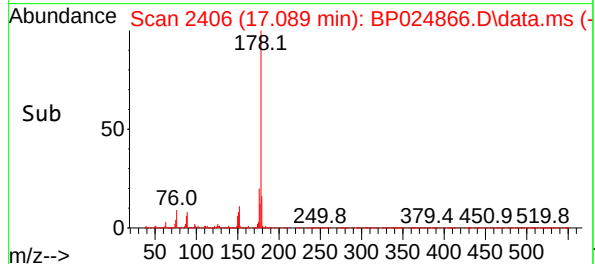
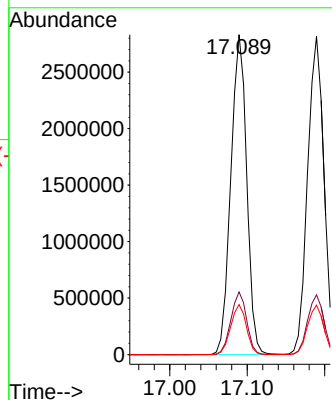
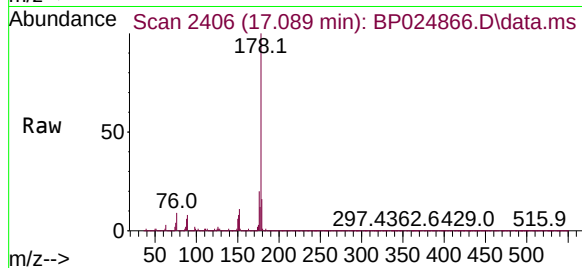




#71
Phenanthrene
Concen: 59.844 ng
RT: 17.089 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

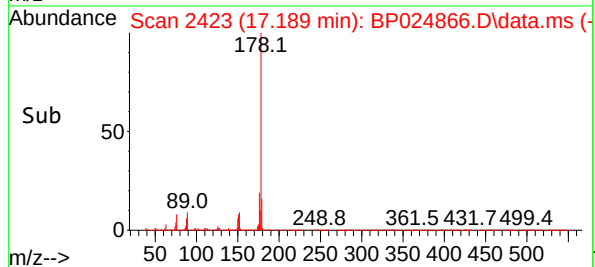
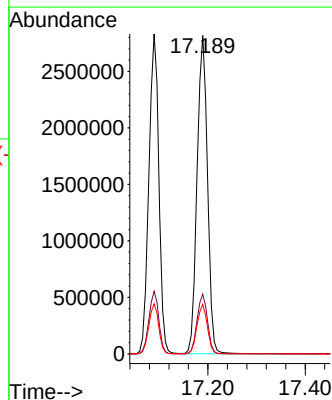
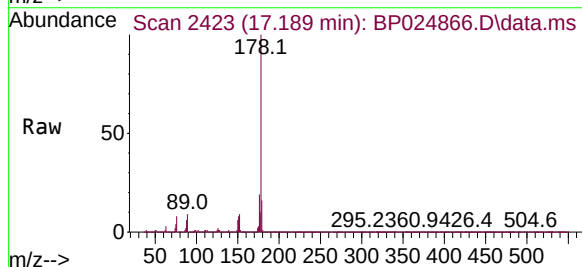
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

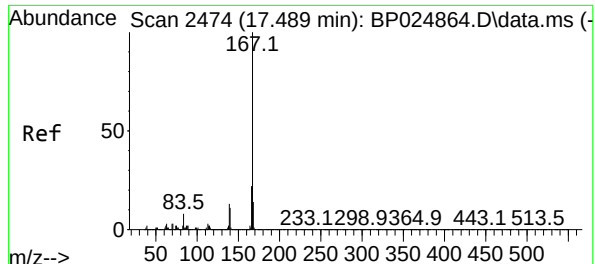
Tgt Ion:178 Resp: 4046968
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.1 18.1



#72
Anthracene
Concen: 60.751 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:178 Resp: 4160775
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.6 12.3 18.5

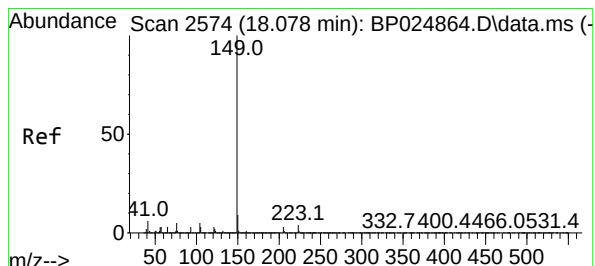
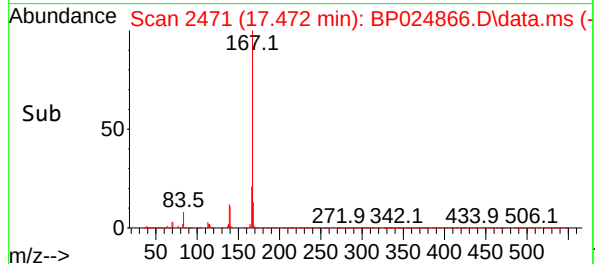
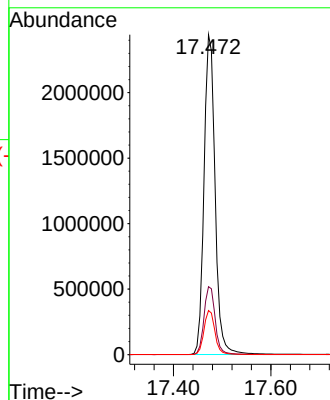
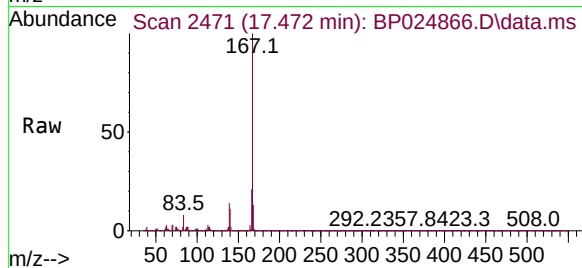




#73
Carbazole
Concen: 60.827 ng
RT: 17.472 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

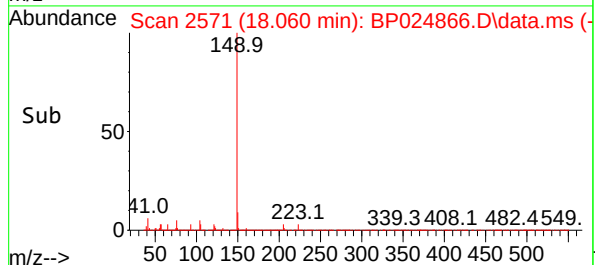
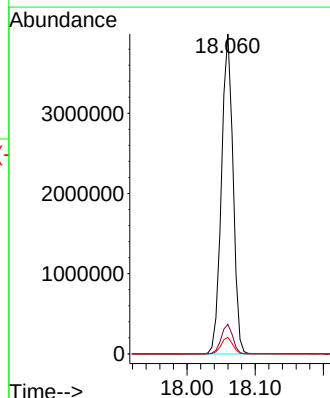
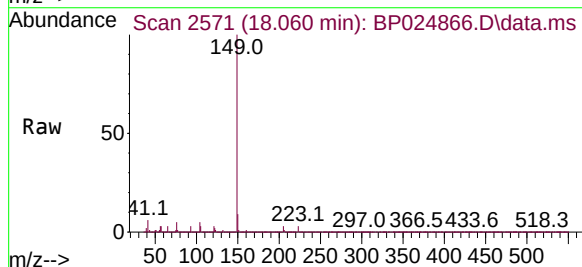
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

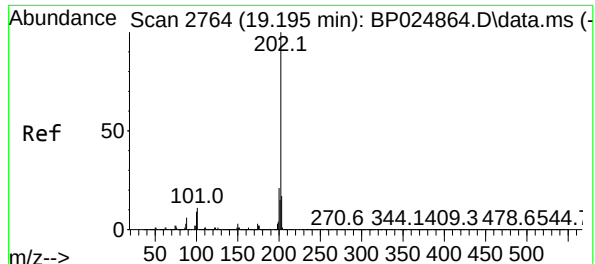
Tgt Ion:167 Resp: 3861413
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 13.8 10.8 16.2



#74
Di-n-butylphthalate
Concen: 59.401 ng
RT: 18.060 min Scan# 2571
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 4672145
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.2 4.2 6.2

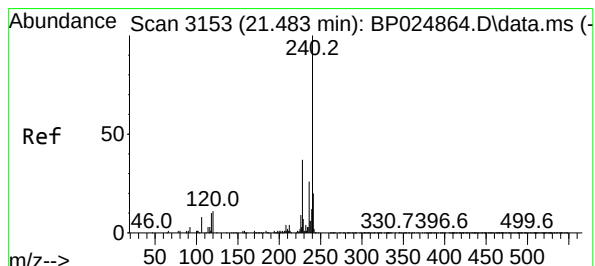
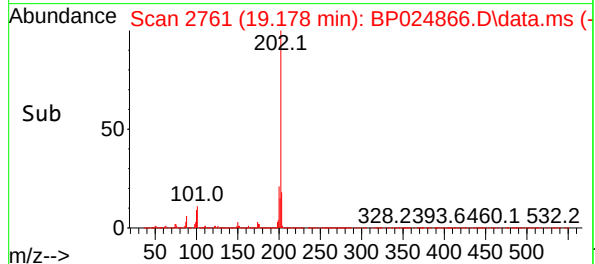
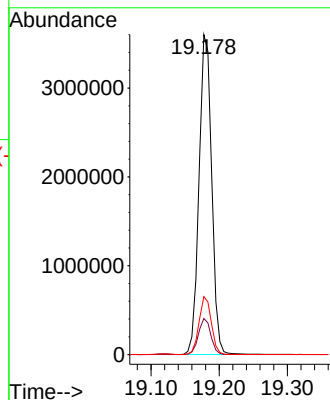
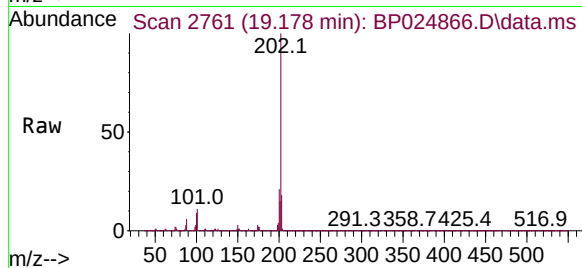




#75
Fluoranthene
Concen: 59.407 ng
RT: 19.178 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

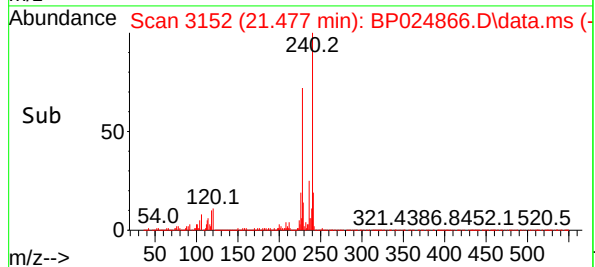
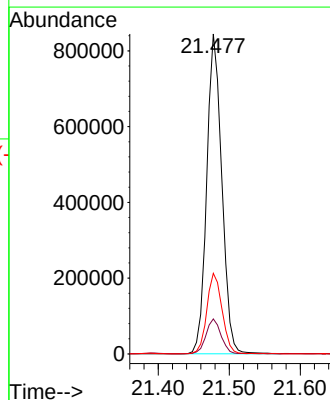
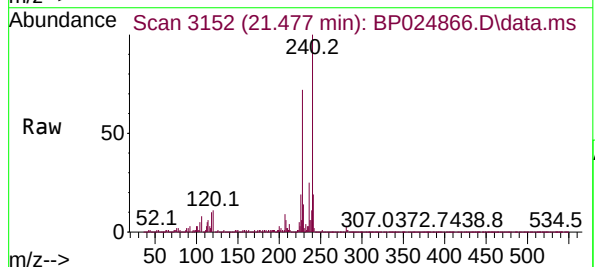
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

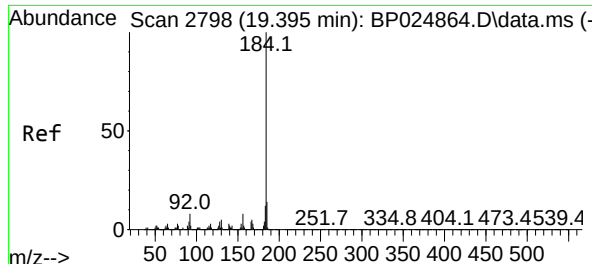
Tgt Ion:202 Resp: 4656349
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:240 Resp: 1245531
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.2 20.9 31.3

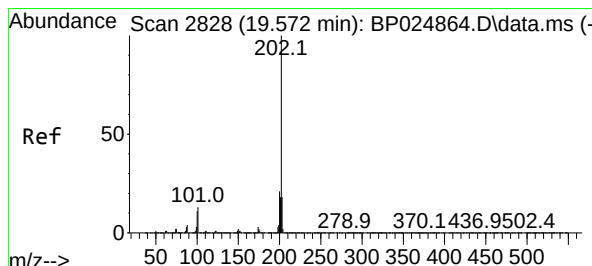
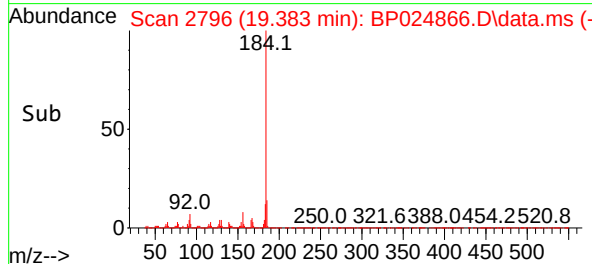
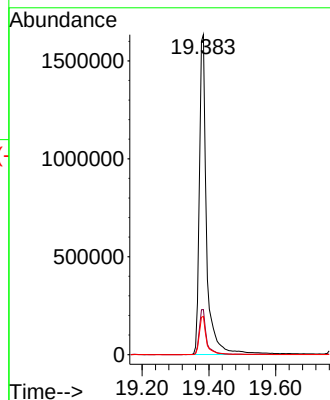
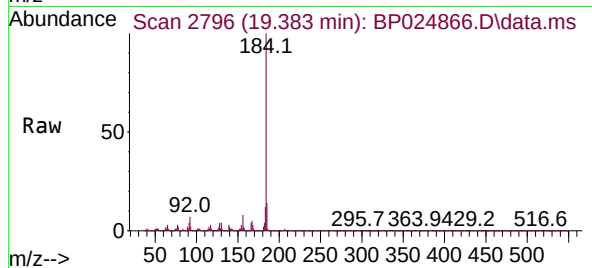




#77
Benzidine
Concen: 64.227 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

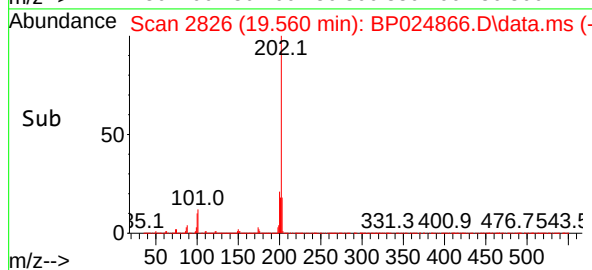
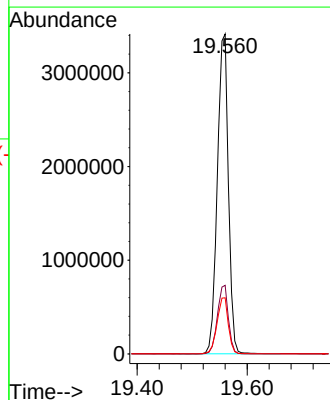
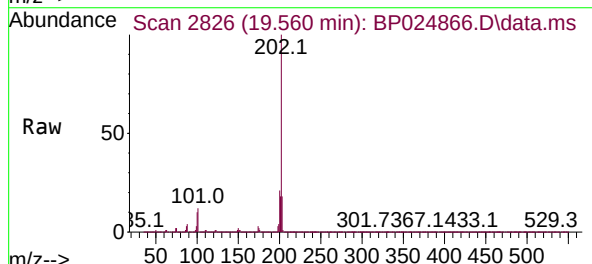
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

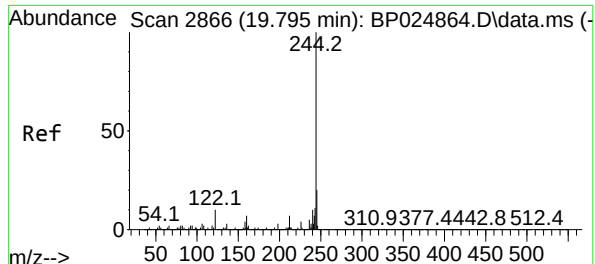
Tgt Ion:184 Resp: 2477600
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 61.064 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:202 Resp: 4751590
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 120.485 ng

RT: 19.778 min Scan# 2863

Delta R.T. -0.018 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

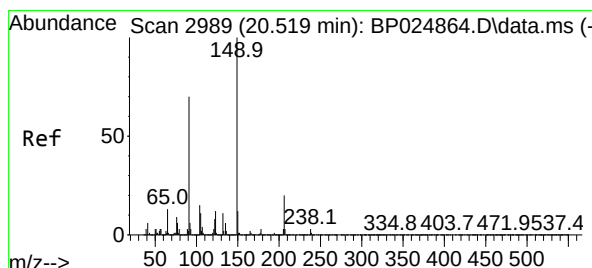
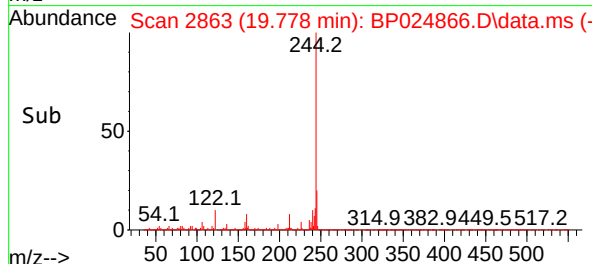
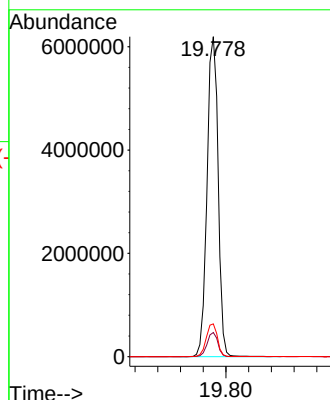
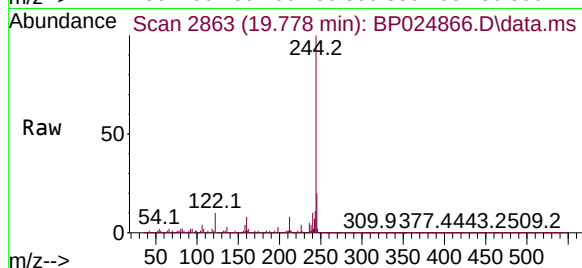
Tgt Ion:244 Resp: 8373144

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 10.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 62.449 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

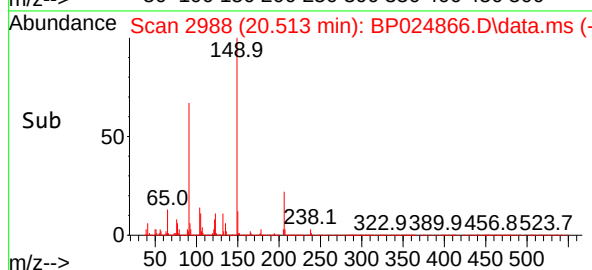
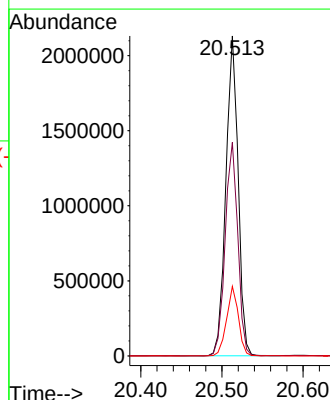
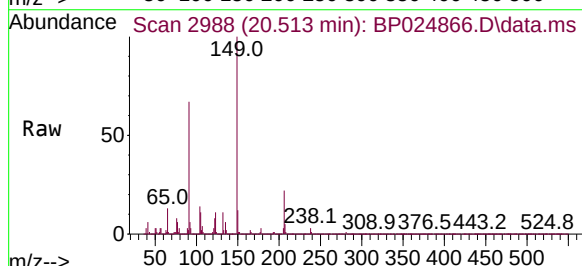
Tgt Ion:149 Resp: 2225855

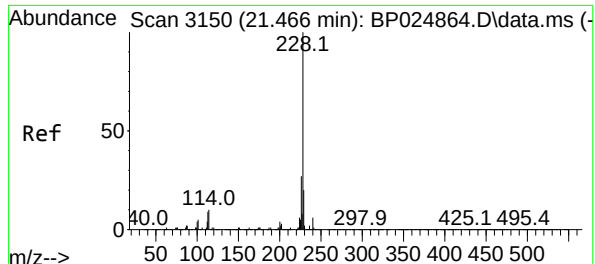
Ion Ratio Lower Upper

149 100

91 66.7 55.8 83.8

206 21.7 16.2 24.2

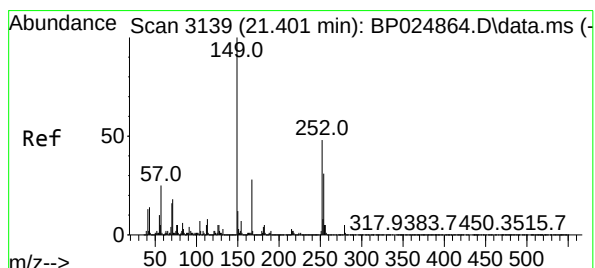
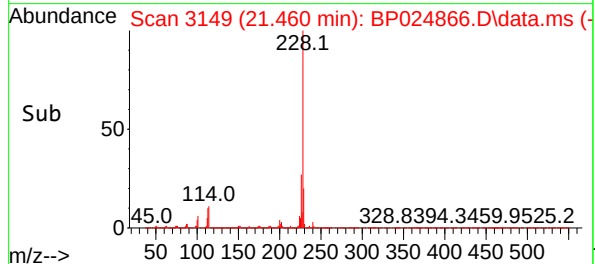
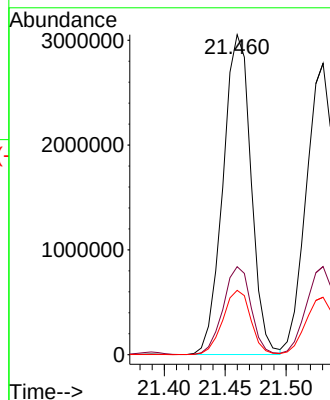
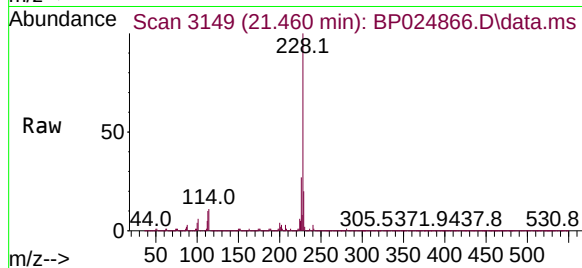




#81
Benzo(a)anthracene
Concen: 61.469 ng
RT: 21.460 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

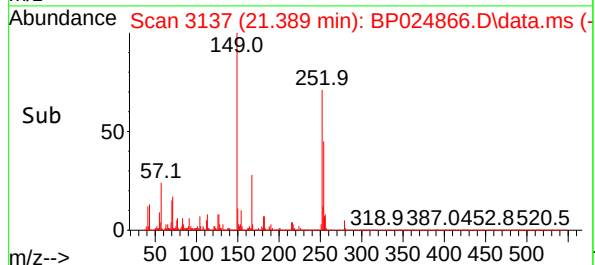
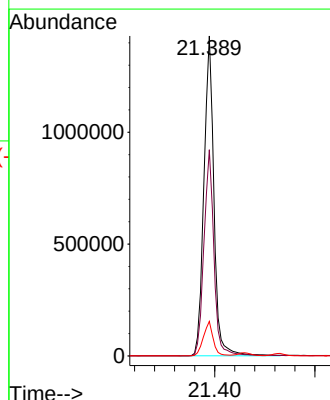
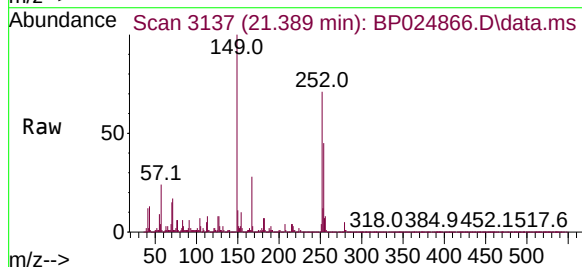
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

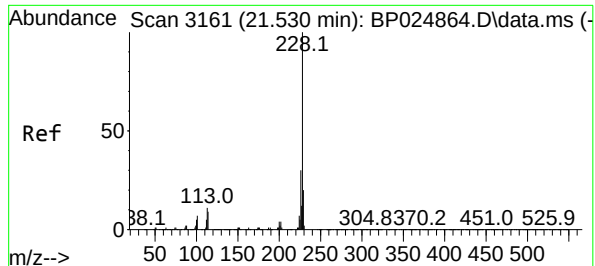
Tgt Ion:228 Resp: 4896757
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 62.681 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:252 Resp: 1982344
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 10.8 8.6 12.8





#83

Chrysene

Concen: 61.276 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

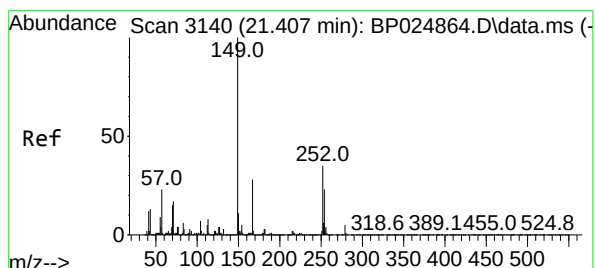
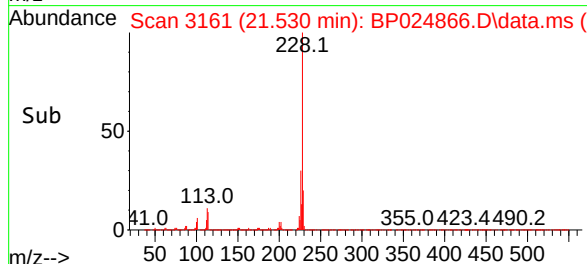
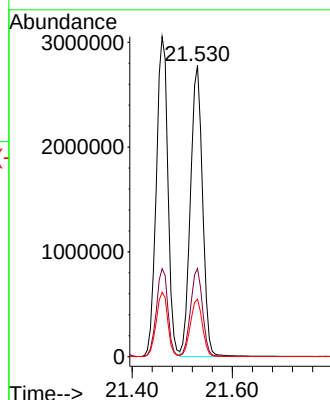
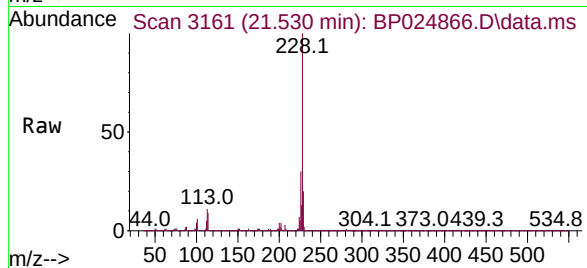
Tgt Ion:228 Resp: 4625245

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.769 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

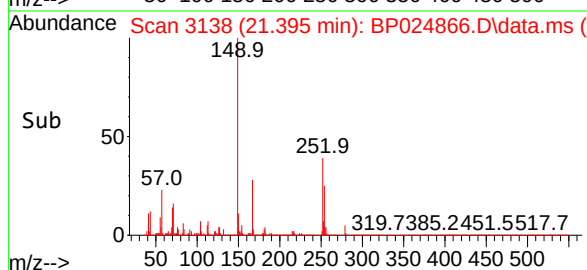
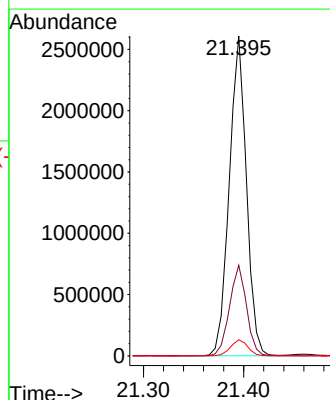
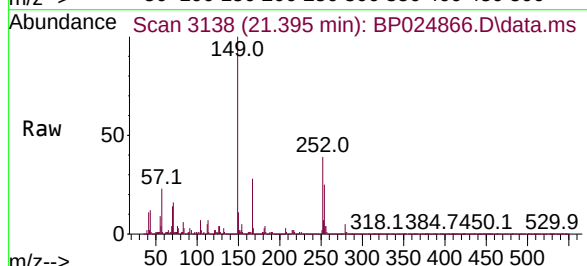
Tgt Ion:149 Resp: 3103331

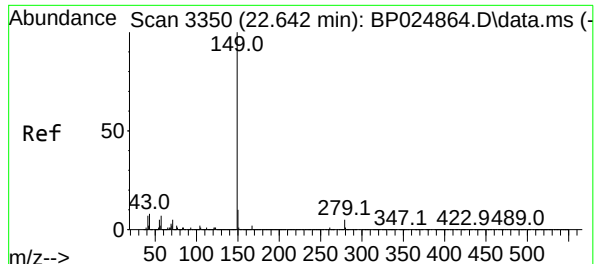
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.0 4.0 6.0

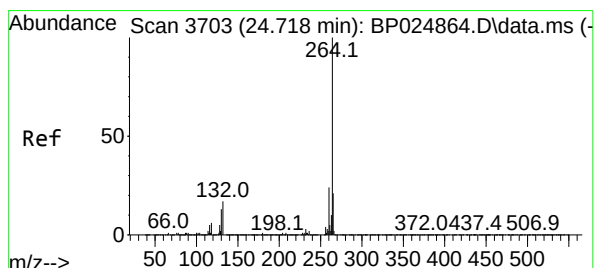
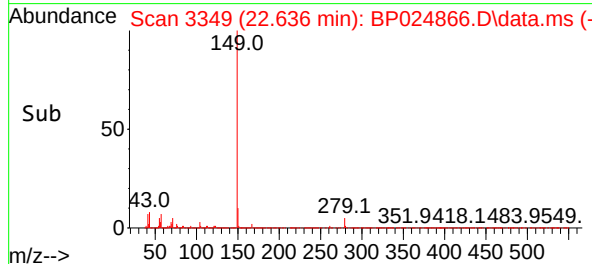
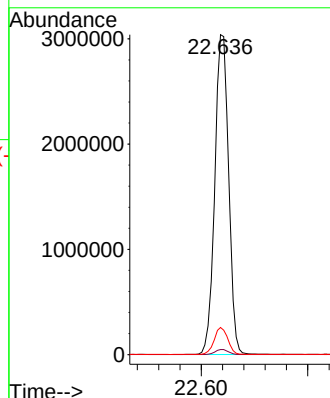
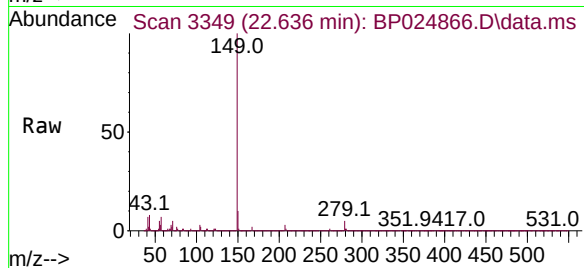




#85
Di-n-octyl phthalate
Concen: 61.004 ng
RT: 22.636 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

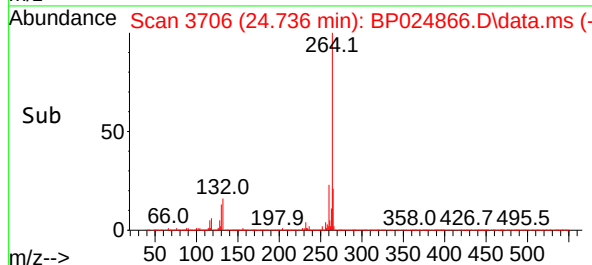
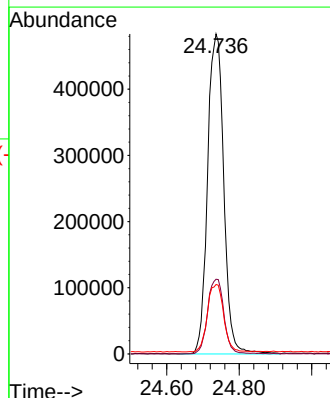
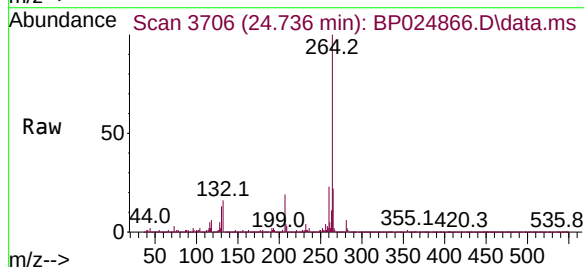
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

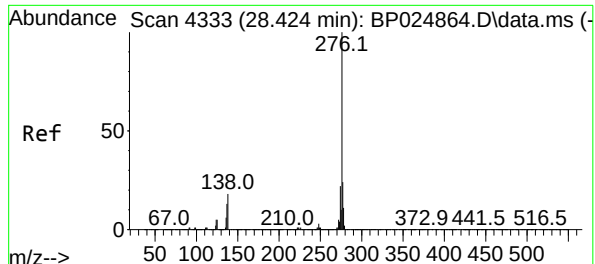
Tgt Ion:149 Resp: 5491065
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.3 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:264 Resp: 1494809
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.088 ng

RT: 28.436 min Scan# 4333

Delta R.T. 0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

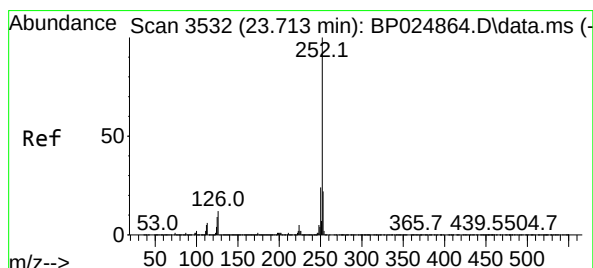
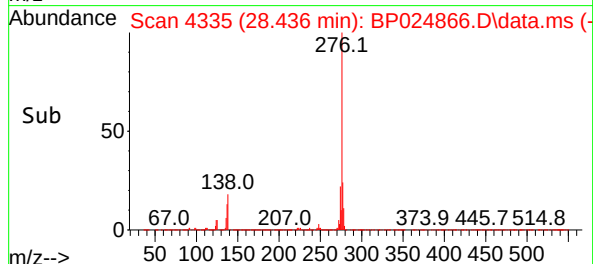
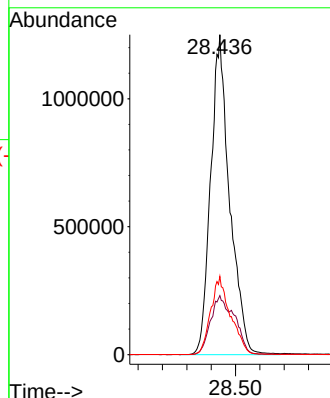
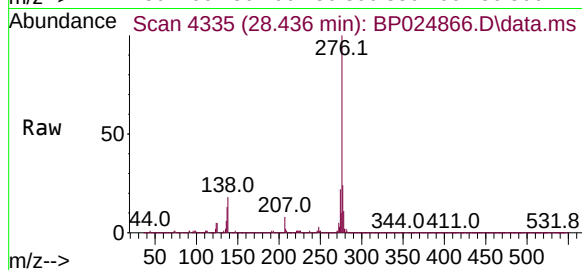
Tgt Ion:276 Resp: 6771619

Ion Ratio Lower Upper

276 100

138 23.2 18.6 27.8

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 61.842 ng

RT: 23.713 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

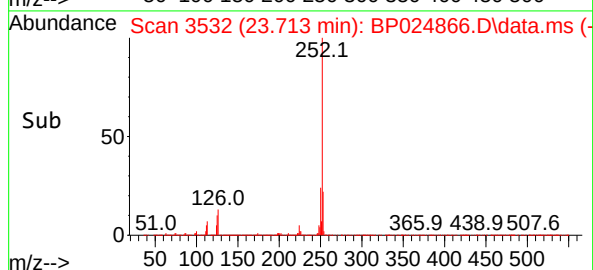
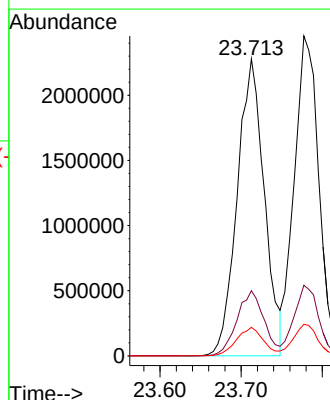
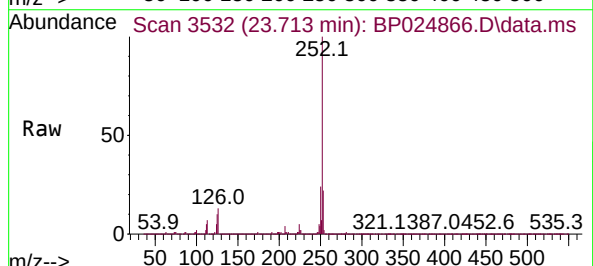
Tgt Ion:252 Resp: 5290333

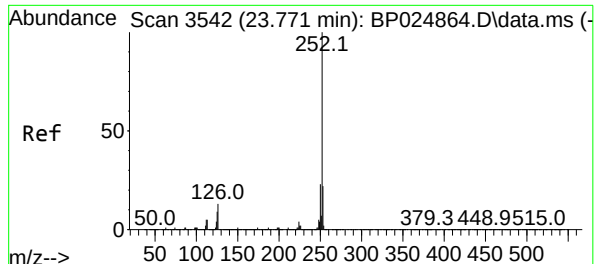
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 59.612 ng

RT: 23.777 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

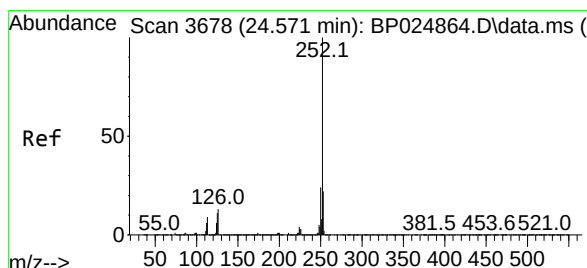
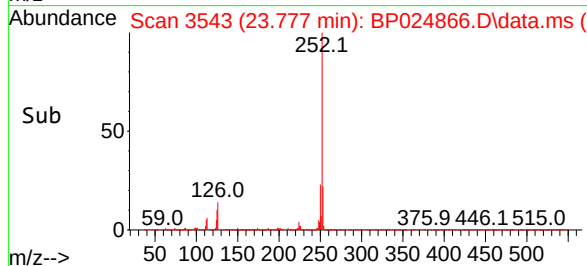
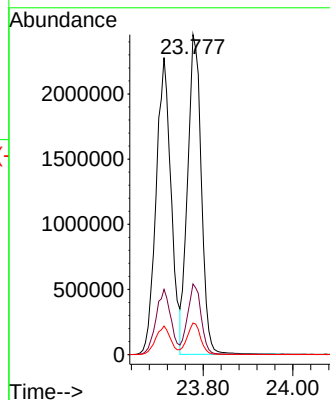
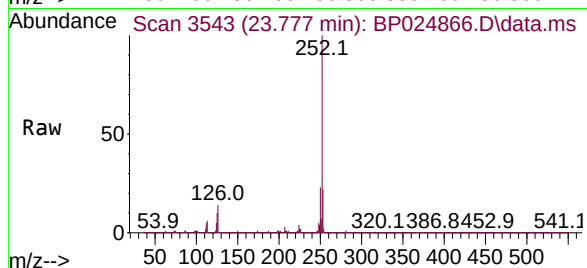
Tgt Ion:252 Resp: 5191049

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 60.965 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.024 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

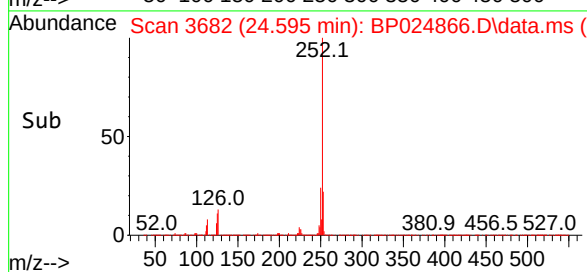
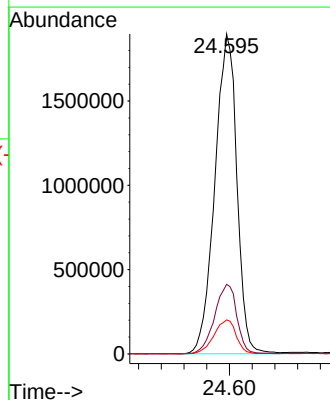
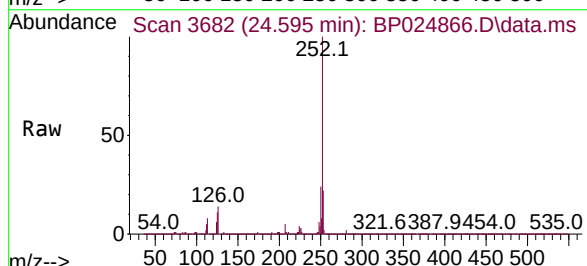
Tgt Ion:252 Resp: 5093340

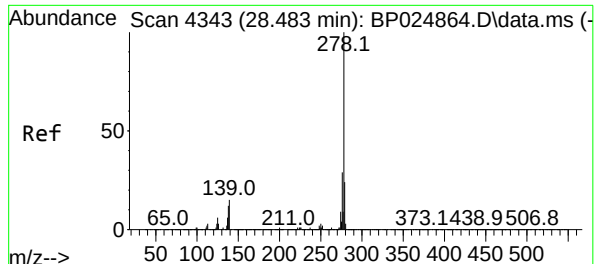
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.6 8.8 13.2

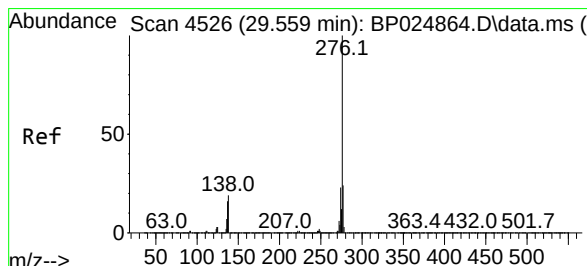
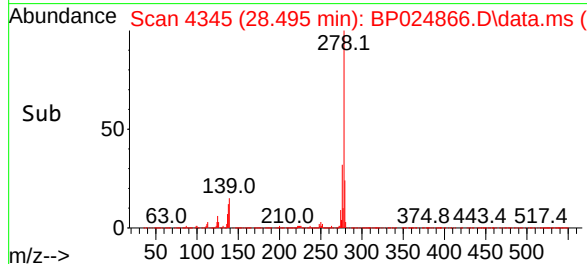
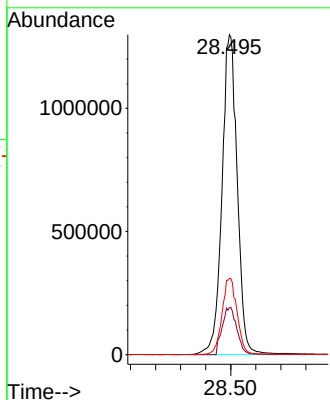
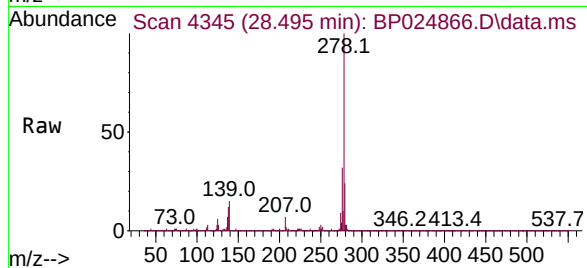




#91
Dibenzo(a,h)anthracene
Concen: 61.830 ng
RT: 28.495 min Scan# 4343
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

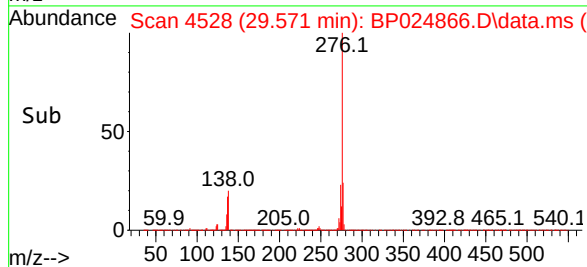
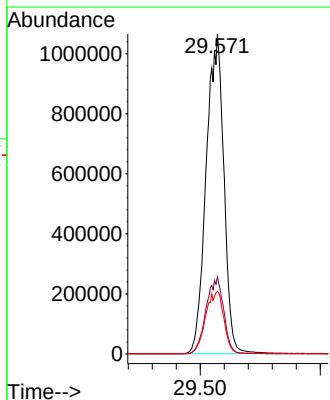
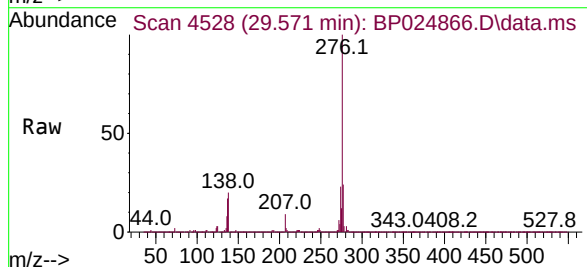
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 5489005
Ion Ratio Lower Upper
278 100
139 14.7 12.0 18.0
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 61.794 ng
RT: 29.571 min Scan# 4528
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:276 Resp: 5442983
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 19.6 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024867.D
Acq On : 06 Jun 2025 15:18
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jun 06 16:05:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	251656	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1097725	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	655445	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1282325	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1346775	20.000	ng	0.00
86) Perylene-d12	24.742	264	1568664	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2447087	162.312	ng	0.00
7) Phenol-d6	6.819	99	3149578	157.892	ng	0.00
23) Nitrobenzene-d5	8.766	82	3363733	148.903	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1494447	164.916	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	7387084	151.825	ng	0.00
79) Terphenyl-d14	19.789	244	11194678	148.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	520741	78.498	ng	100
3) Pyridine	3.567	79	1323253	82.944	ng	99
4) n-Nitrosodimethylamine	3.484	42	528461	81.024	ng	100
6) Aniline	6.961	93	2044864	80.328	ng	100
8) 2-Chlorophenol	7.196	128	1357118	79.405	ng	99
9) Benzaldehyde	6.772	77	650456	56.412	ng	99
10) Phenol	6.843	94	1640201	79.761	ng	99
11) bis(2-Chloroethyl)ether	7.049	93	1254500	77.563	ng	99
12) 1,3-Dichlorobenzene	7.502	146	1480514	77.650	ng	99
13) 1,4-Dichlorobenzene	7.649	146	1497910	77.862	ng	98
14) 1,2-Dichlorobenzene	7.961	146	1431405	75.771	ng	98
15) Benzyl Alcohol	7.866	79	1218925	79.620	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.143	45	1584064	74.829	ng	98
17) 2-Methylphenol	8.072	107	1128854	78.611	ng	99
18) Hexachloroethane	8.672	117	566168	78.169	ng	97
19) n-Nitroso-di-n-propyla...	8.419	70	1035677	76.374	ng	99
20) 3+4-Methylphenols	8.402	107	1524653	77.821	ng	99
22) Acetophenone	8.431	105	2033065	73.305	ng	# 99
24) Nitrobenzene	8.808	77	1489831	74.236	ng	99
25) Isophorone	9.331	82	3090456	78.936	ng	98
26) 2-Nitrophenol	9.508	139	870704	87.932	ng	98
27) 2,4-Dimethylphenol	9.584	122	1396457	82.403	ng	98
28) bis(2-Chloroethoxy)met...	9.808	93	1828377	78.289	ng	98
29) 2,4-Dichlorophenol	10.055	162	1419757	87.313	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	1542041	84.080	ng	99
31) Naphthalene	10.431	128	4104122	72.957	ng	100
32) Benzoic acid	9.802	122	1065621	94.314	ng	97
33) 4-Chloroaniline	10.555	127	1816811	77.087	ng	100
34) Hexachlorobutadiene	10.713	225	830962	75.174	ng	99
35) Caprolactam	11.366	113	457044	76.358	ng	97
36) 4-Chloro-3-methylphenol	11.702	107	1442747	76.925	ng	99
37) 2-Methylnaphthalene	12.049	142	2642800	74.062	ng	99
38) 1-Methylnaphthalene	12.272	142	2821350	73.955	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	1472269	79.160	ng	100
41) Hexachlorocyclopentadiene	12.396	237	1031961	90.970	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	1039009	83.186	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024867.D
 Acq On : 06 Jun 2025 15:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 06 16:05:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

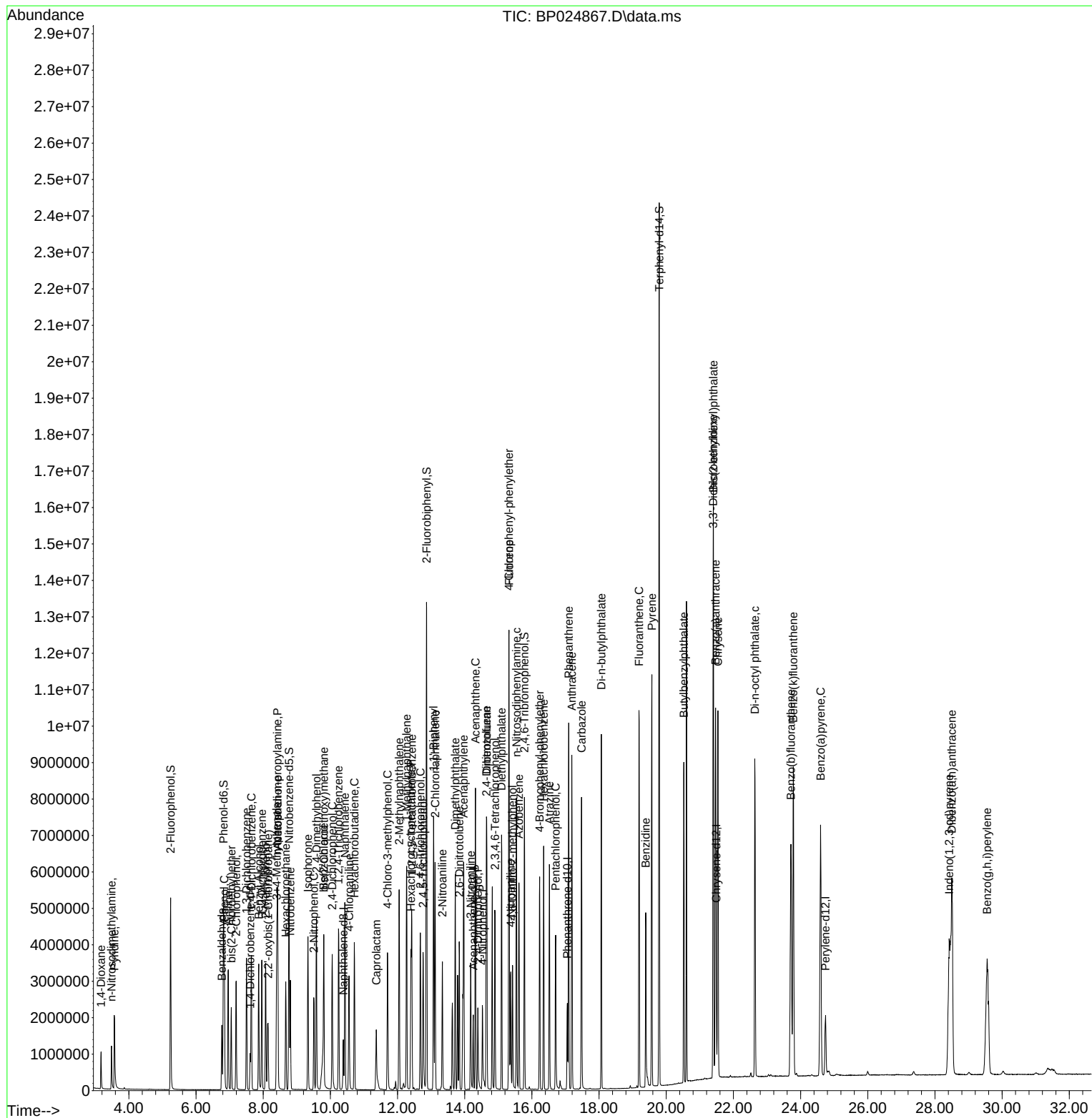
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	1117015	83.507	ng	99
46) 1,1'-Biphenyl	13.072	154	3678354	77.223	ng	99
47) 2-Chloronaphthalene	13.119	162	2834595	77.428	ng	99
48) 2-Nitroaniline	13.337	65	930628	82.685	ng	96
49) Acenaphthylene	13.966	152	4731215	77.508	ng	100
50) Dimethylphthalate	13.719	163	3769405	77.959	ng	100
51) 2,6-Dinitrotoluene	13.837	165	829970	79.625	ng	95
52) Acenaphthene	14.319	154	2715693	77.638	ng	100
53) 3-Nitroaniline	14.178	138	914372	84.530	ng	98
54) 2,4-Dinitrophenol	14.390	184	537870	79.298	ng	99
55) Dibenzofuran	14.654	168	4234879	75.424	ng	99
56) 4-Nitrophenol	14.531	139	720226	78.739	ng	98
57) 2,4-Dinitrotoluene	14.643	165	1200593	82.341	ng	98
58) Fluorene	15.319	166	3484502	76.824	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.901	232	970694	81.077	ng	100
60) Diethylphthalate	15.095	149	3799279	78.844	ng	98
61) 4-Chlorophenyl-phenyle...	15.313	204	1725059	77.784	ng	97
62) 4-Nitroaniline	15.372	138	875375	89.199	ng	96
63) Azobenzene	15.613	77	3426736	77.538	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	728771	86.490	ng	96
66) n-Nitrosodiphenylamine	15.543	169	3044661	76.603	ng	98
67) 4-Bromophenyl-phenylether	16.231	248	1157878	80.026	ng	99
68) Hexachlorobenzene	16.348	284	1395074	79.535	ng	99
69) Atrazine	16.525	200	1168753	81.114	ng	98
70) Pentachlorophenol	16.707	266	817045	90.003	ng	99
71) Phenanthrene	17.095	178	5340604	75.365	ng	99
72) Anthracene	17.189	178	5555906	77.415	ng	99
73) Carbazole	17.478	167	5166153	77.661	ng	99
74) Di-n-butylphthalate	18.066	149	6583572	79.879	ng	99
75) Fluoranthene	19.189	202	6351620	77.333	ng	100
77) Benzidine	19.389	184	2849177	68.307	ng	100
78) Pyrene	19.572	202	6497989	77.229	ng	99
80) Butylbenzylphthalate	20.525	149	3175233	82.388	ng	98
81) Benzo(a)anthracene	21.466	228	6696396	77.741	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	2698352	78.907	ng	99
83) Chrysene	21.536	228	6294743	77.125	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	4578538	82.917	ng	98
85) Di-n-octyl phthalate	22.636	149	7936082	81.539	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	9013339	78.751	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	7112180	79.224	ng	99
89) Benzo(k)fluoranthene	23.783	252	7179421	78.564	ng	100
90) Benzo(a)pyrene	24.595	252	6983429	79.653	ng	99
91) Dibenzo(a,h)anthracene	28.501	278	7356566	78.965	ng	100
92) Benzo(g,h,i)perylene	29.554	276	7260298	78.545	ng	98

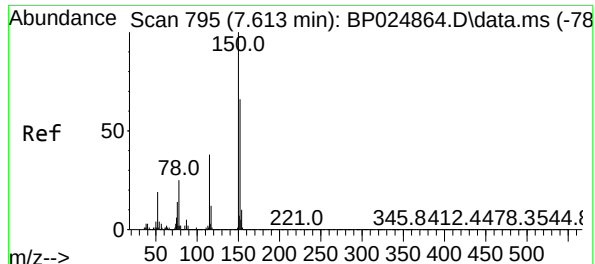
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024867.D
Acq On : 06 Jun 2025 15:18
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jun 06 16:05:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

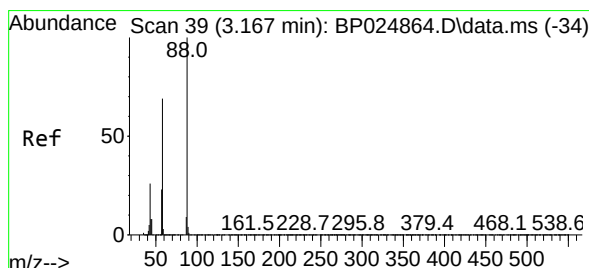
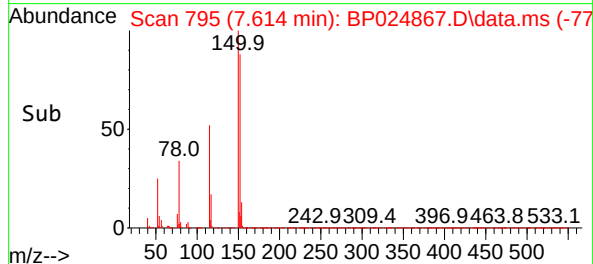
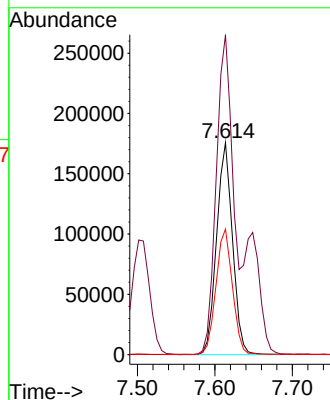
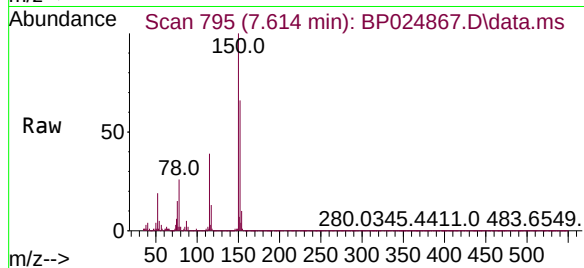




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.614 min Scan# 795
Delta R.T. 0.001 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

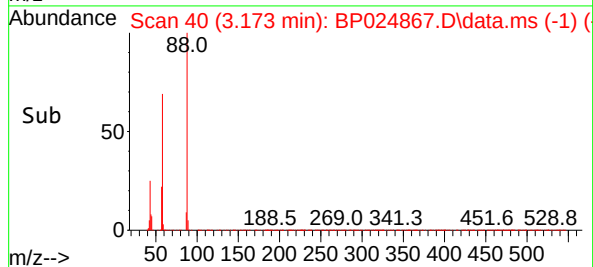
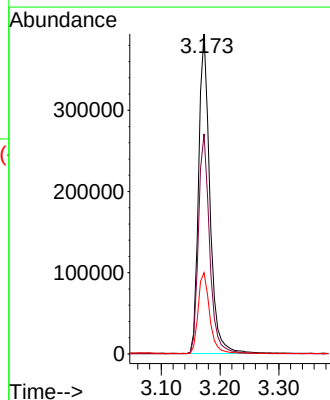
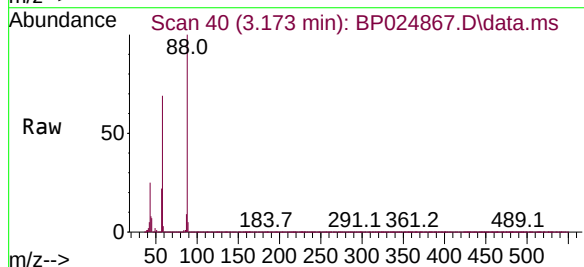
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

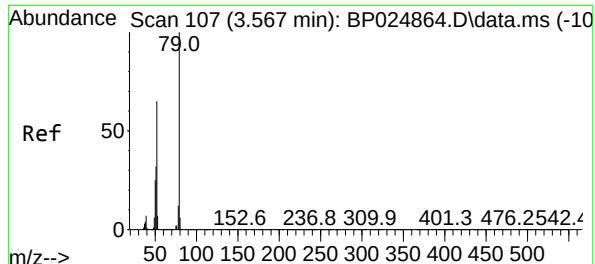
Tgt Ion:152 Resp: 251656
Ion Ratio Lower Upper
152 100
150 151.0 122.1 183.1
115 59.2 46.4 69.6



#2
1,4-Dioxane
Concen: 78.498 ng
RT: 3.173 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 88 Resp: 520741
Ion Ratio Lower Upper
88 100
58 69.2 55.4 83.0
43 26.0 20.8 31.2

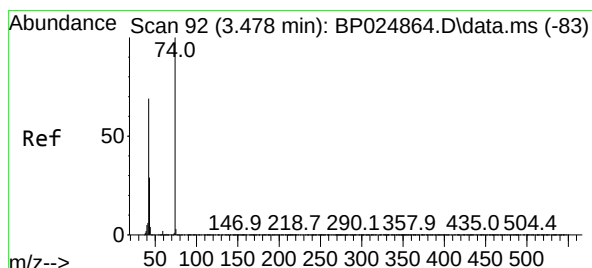
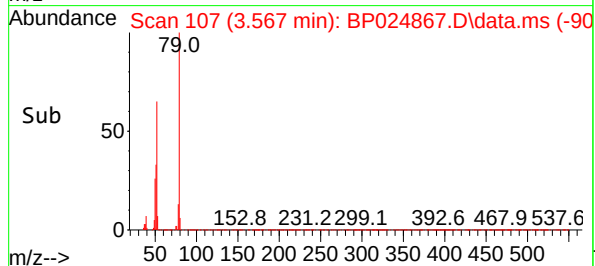
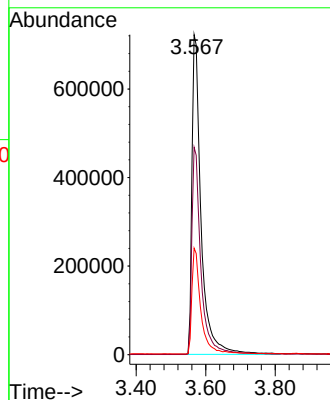
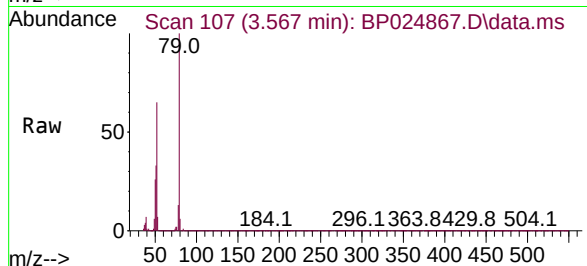




#3
Pyridine
Concen: 82.944 ng
RT: 3.567 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

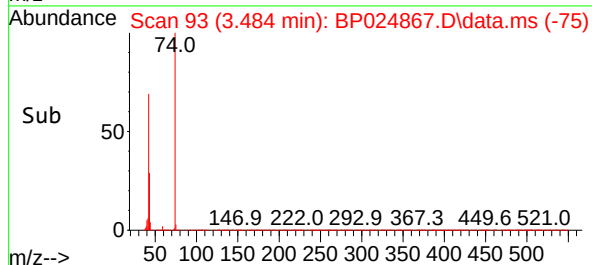
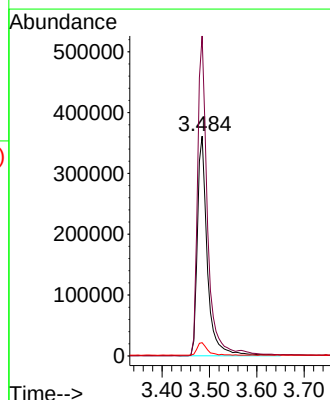
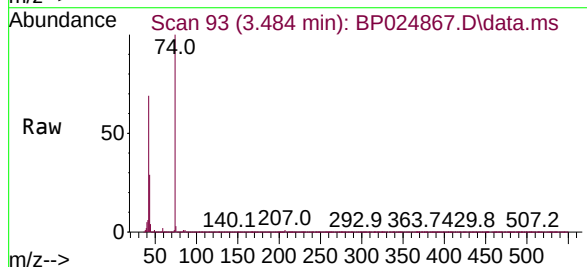
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

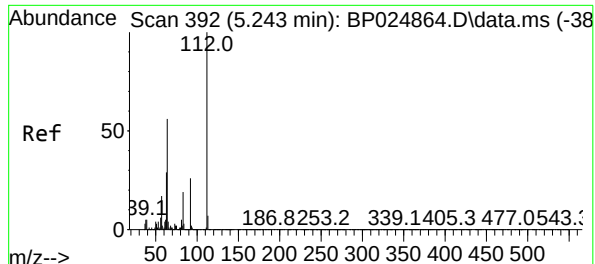
Tgt Ion: 79 Resp: 1323253
Ion Ratio Lower Upper
79 100
52 64.8 51.6 77.4
51 33.3 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 81.024 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 42 Resp: 528461
Ion Ratio Lower Upper
42 100
74 145.7 116.6 174.8
44 6.0 5.4 8.0

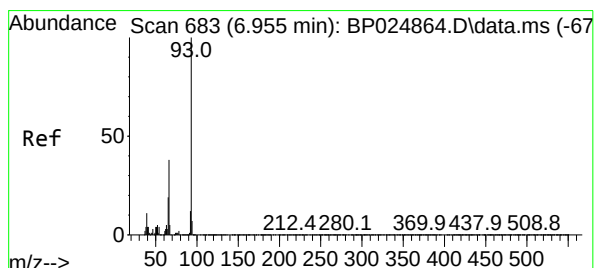
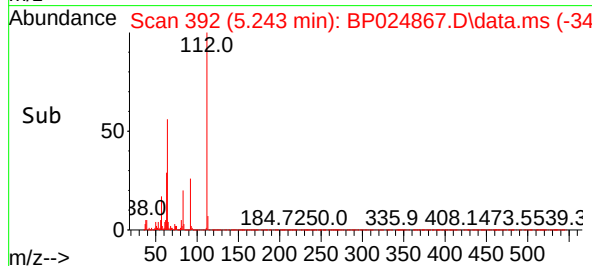
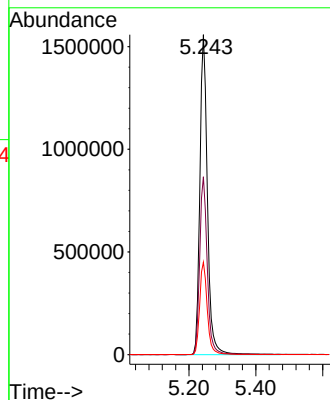
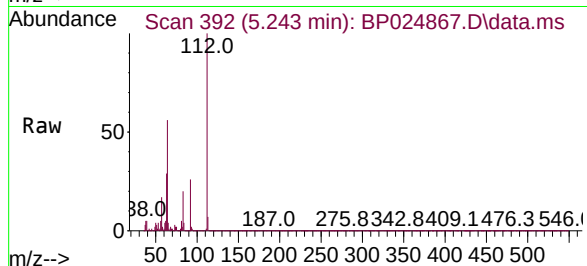




#5
2-Fluorophenol
Concen: 162.312 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

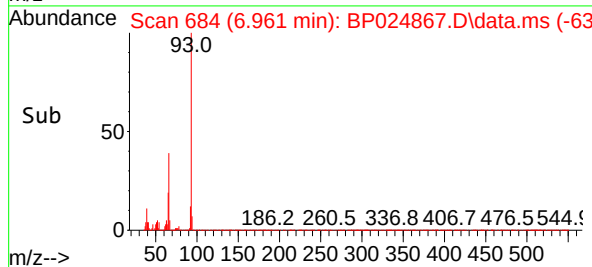
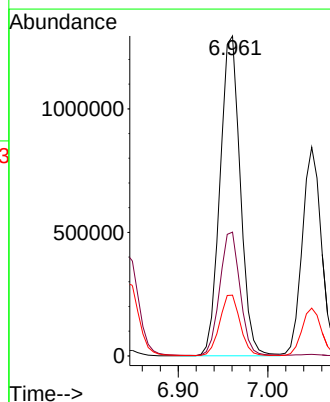
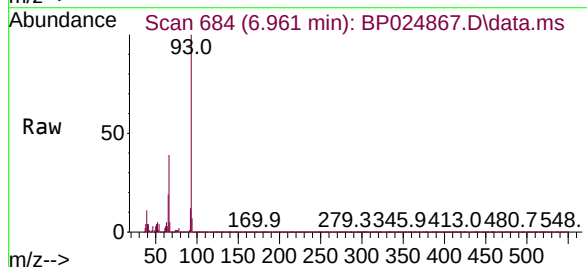
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

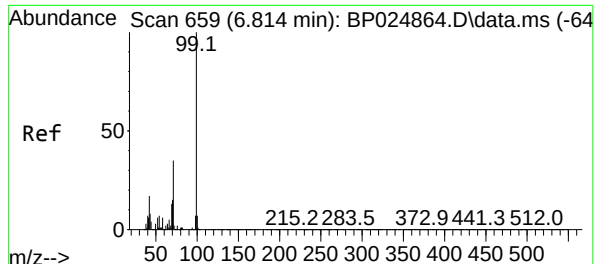
Tgt Ion:112 Resp: 2447087
Ion Ratio Lower Upper
112 100
64 55.6 44.7 67.1
63 28.9 23.5 35.3



#6
Aniline
Concen: 80.328 ng
RT: 6.961 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 93 Resp: 2044864
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.0 15.5 23.3

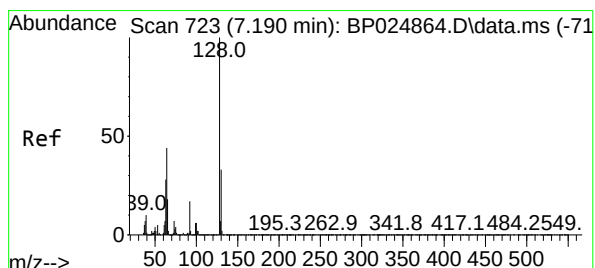
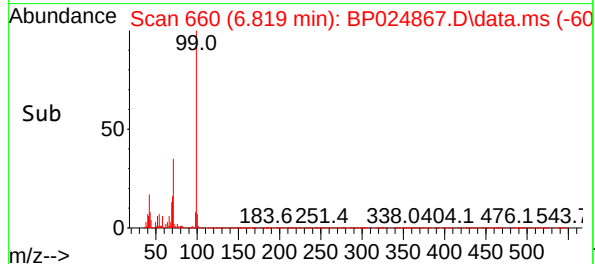
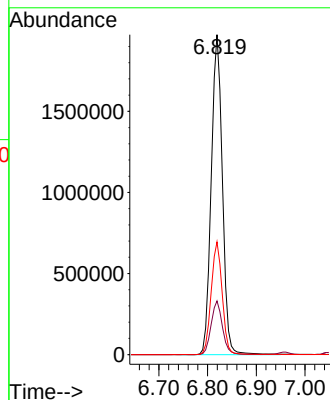
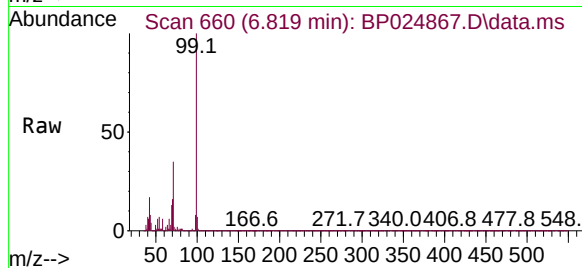




#7
Phenol-d6
Concen: 157.892 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

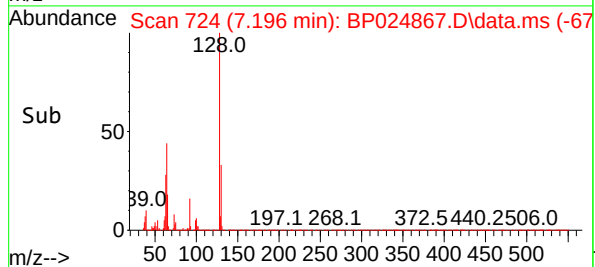
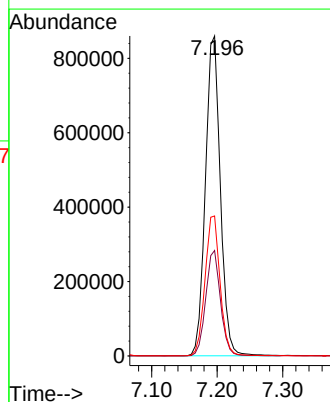
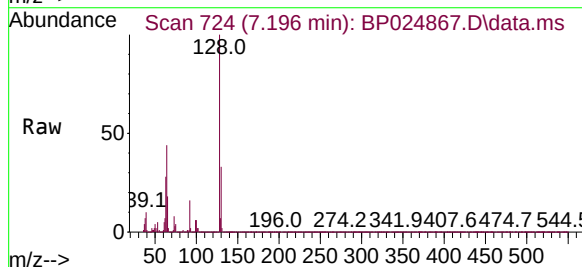
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

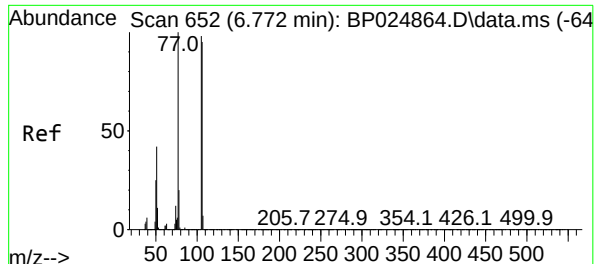
Tgt Ion: 99 Resp: 3149578
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 35.2 27.6 41.4



#8
2-Chlorophenol
Concen: 79.405 ng
RT: 7.196 min Scan# 724
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 128 Resp: 1357118
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 43.7 24.1 64.1

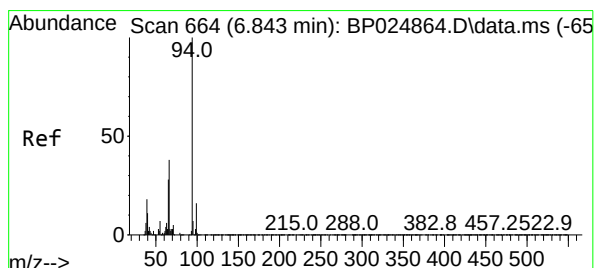
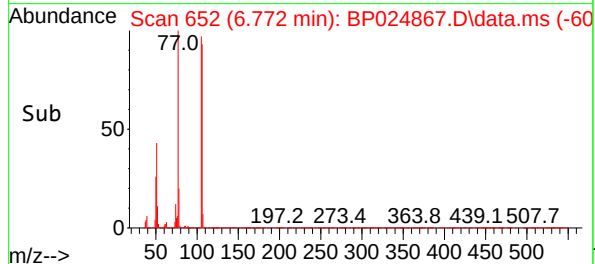
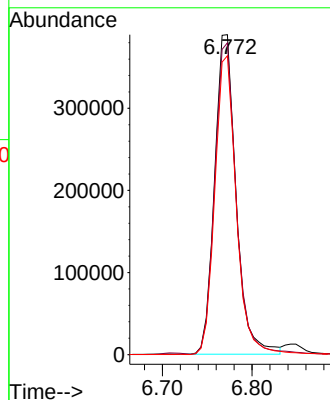
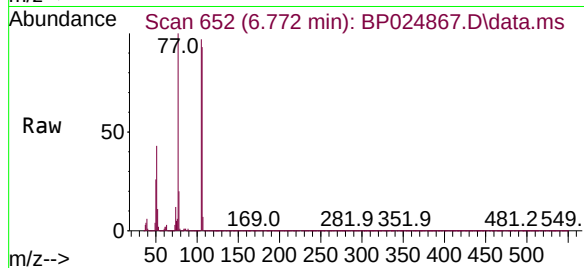




#9
Benzaldehyde
Concen: 56.412 ng
RT: 6.772 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

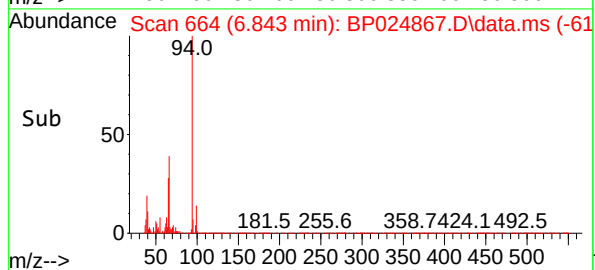
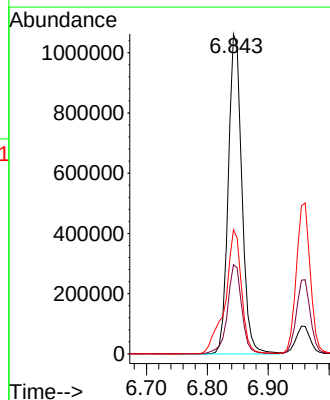
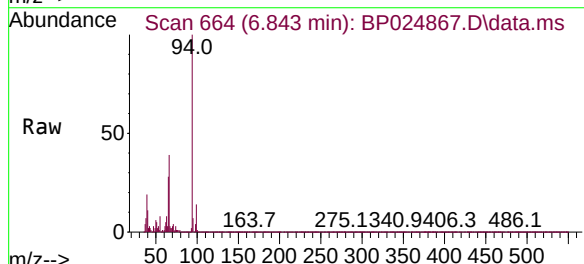
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

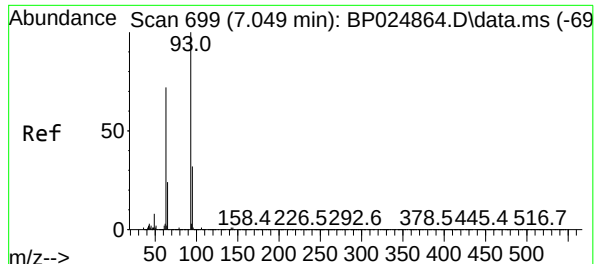
Tgt Ion: 77 Resp: 650456
Ion Ratio Lower Upper
77 100
105 97.4 77.7 117.7
106 93.4 74.8 114.8



#10
Phenol
Concen: 79.761 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 94 Resp: 1640201
Ion Ratio Lower Upper
94 100
65 27.9 8.3 48.3
66 38.8 18.2 58.2

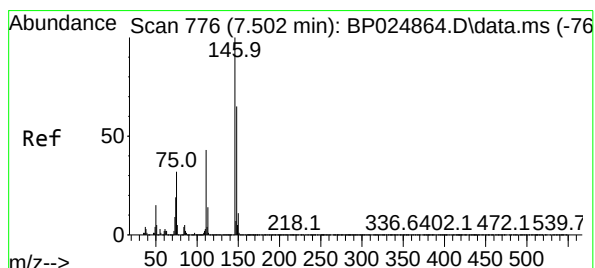
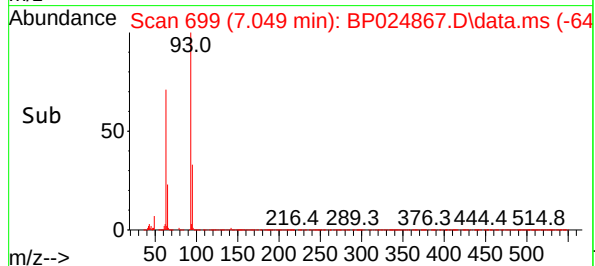
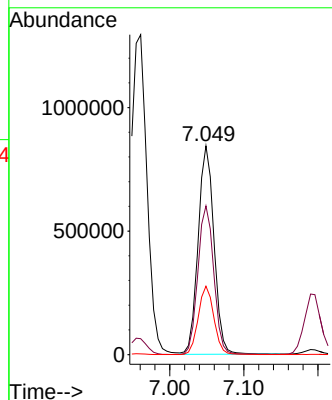
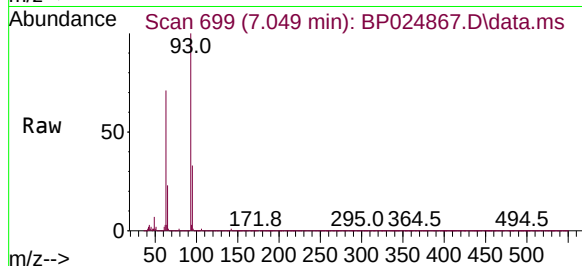




#11
bis(2-Chloroethyl)ether
Concen: 77.563 ng
RT: 7.049 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

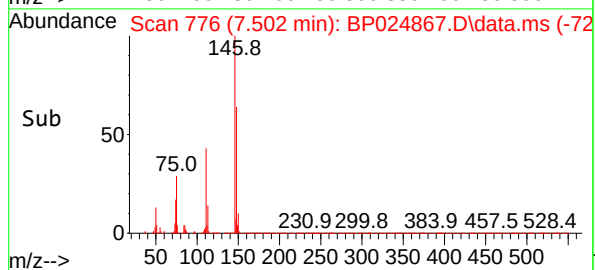
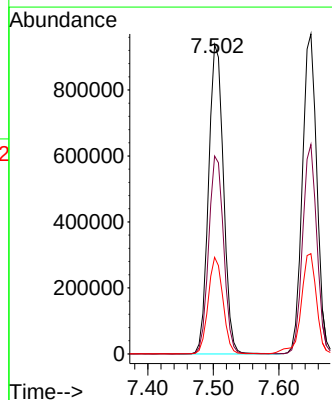
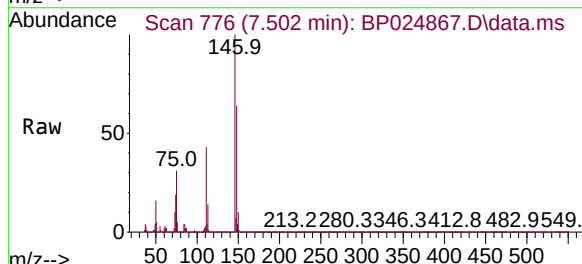
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

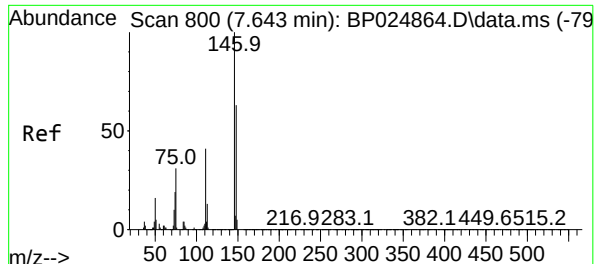
Tgt Ion: 93 Resp: 1254500
Ion Ratio Lower Upper
93 100
63 71.2 51.6 91.6
95 32.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 77.650 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 146 Resp: 1480514
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 31.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 77.862 ng

RT: 7.649 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

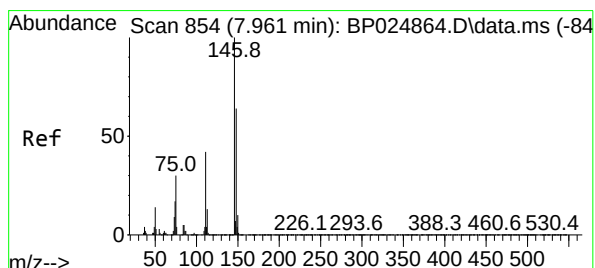
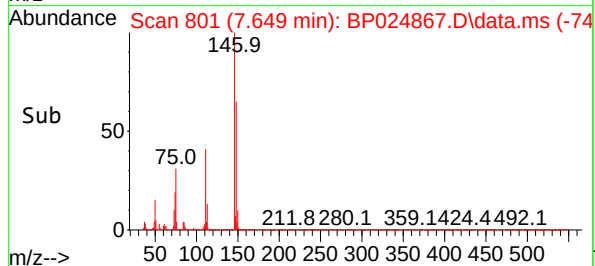
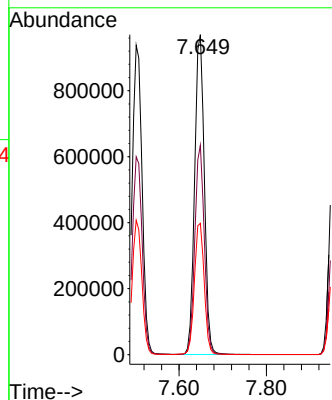
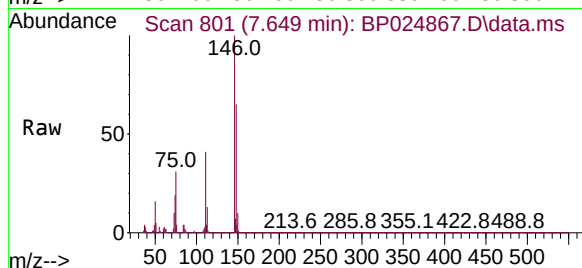
Tgt Ion:146 Resp: 1497910

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

111 41.0 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 75.771 ng

RT: 7.961 min Scan# 854

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

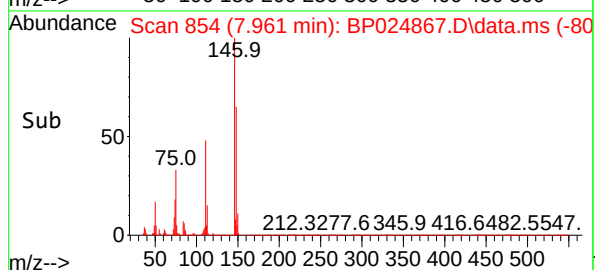
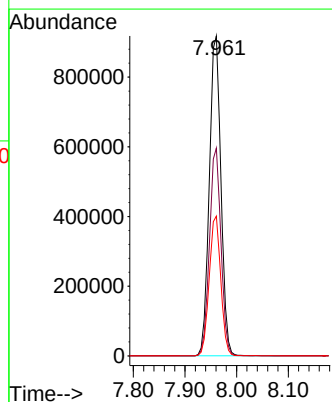
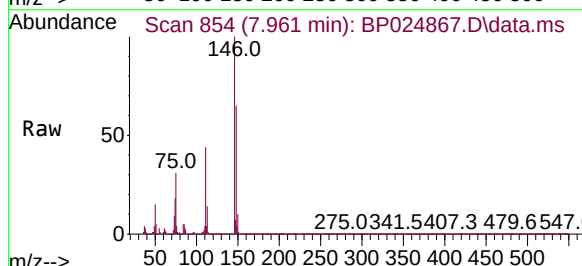
Tgt Ion:146 Resp: 1431405

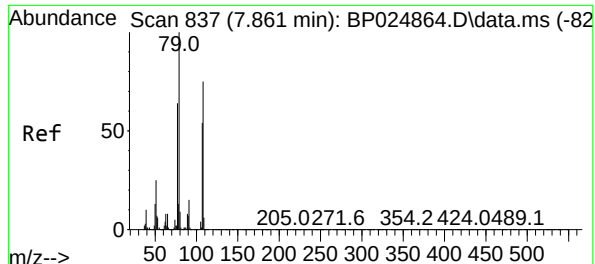
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

111 43.7 33.8 50.8

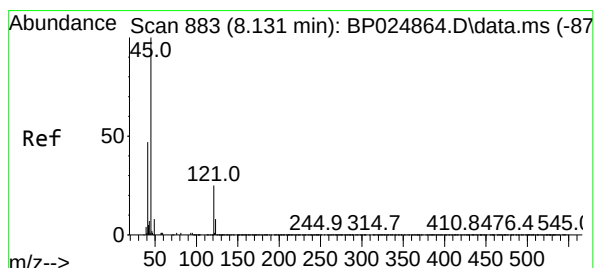
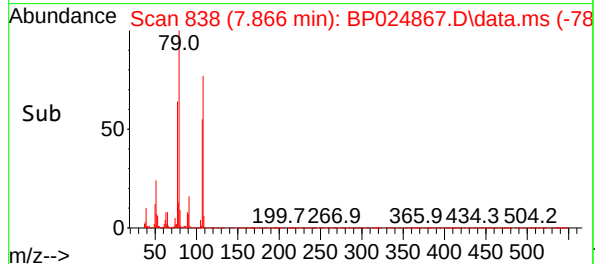
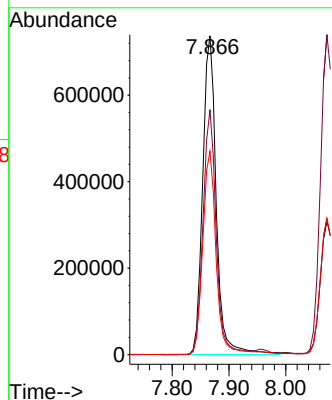
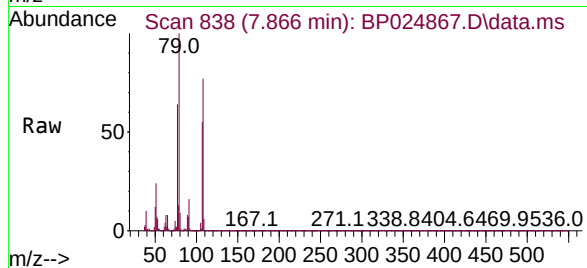




#15
Benzyl Alcohol
Concen: 79.620 ng
RT: 7.866 min Scan# 831
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

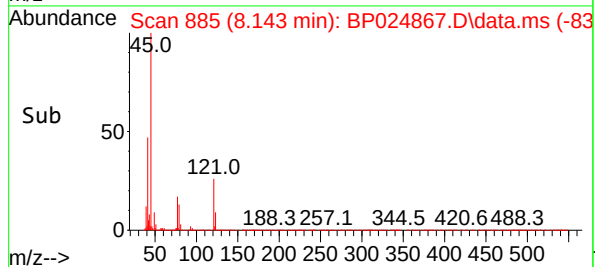
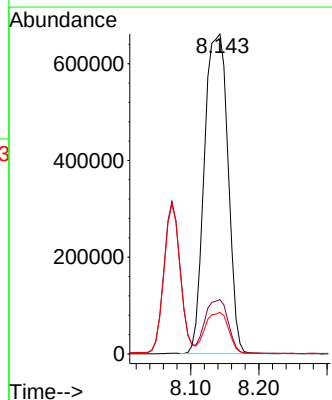
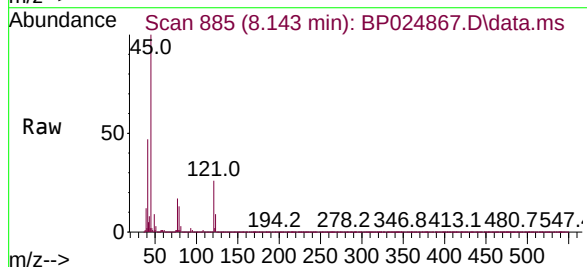
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

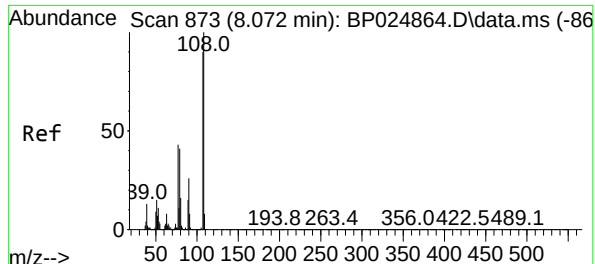
Tgt Ion: 79 Resp: 1218925
Ion Ratio Lower Upper
79 100
108 76.8 60.2 90.4
77 63.8 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.829 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 45 Resp: 1584064
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.3
79 13.0 0.0 32.2





#17

2-Methylphenol

Concen: 78.611 ng

RT: 8.072 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 1128854

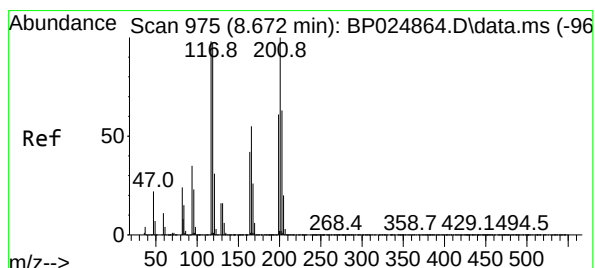
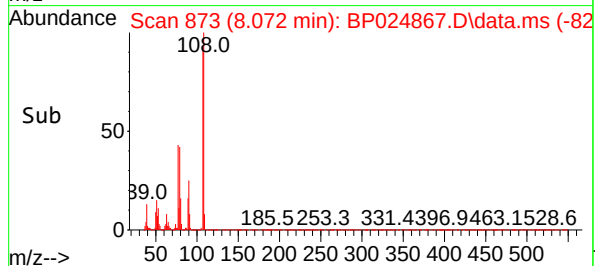
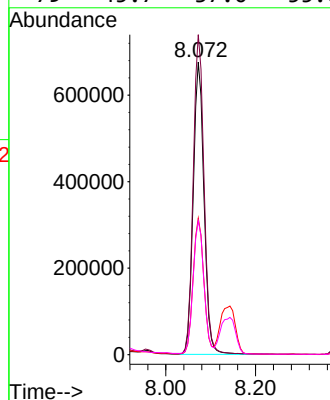
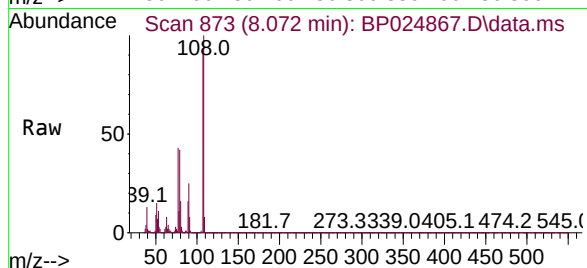
Ion Ratio Lower Upper

107 100

108 109.4 88.6 132.8

77 46.6 38.5 57.7

79 45.7 37.0 55.6



#18

Hexachloroethane

Concen: 78.169 ng

RT: 8.672 min Scan# 975

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

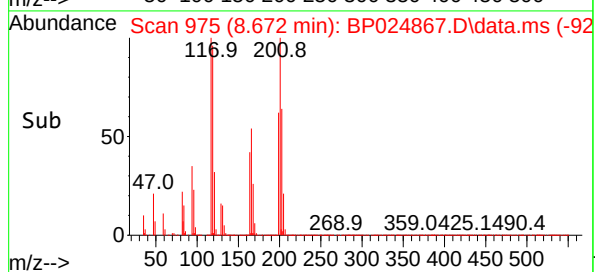
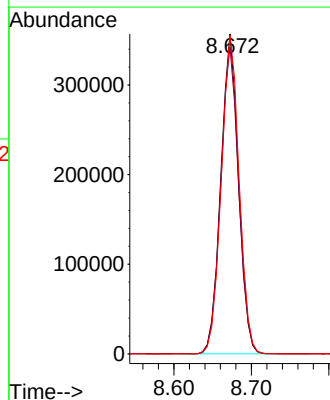
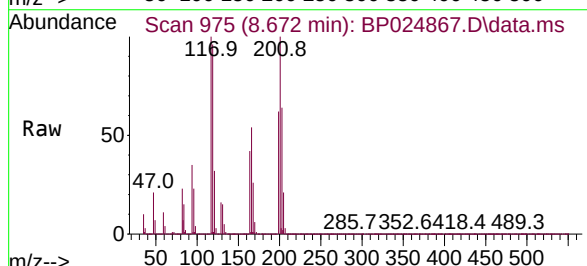
Tgt Ion:117 Resp: 566168

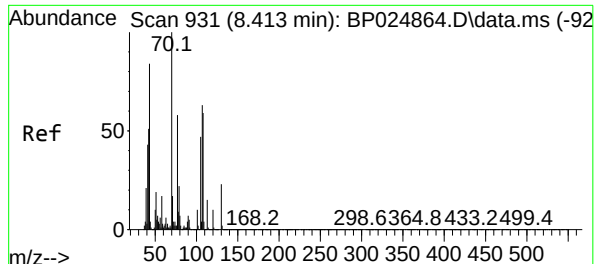
Ion Ratio Lower Upper

117 100

119 95.9 79.4 119.2

201 99.6 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 76.374 ng

RT: 8.419 min Scan# 931

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 1035677

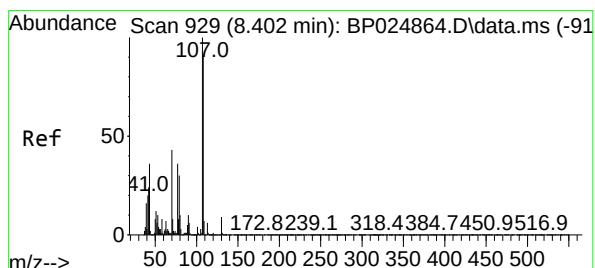
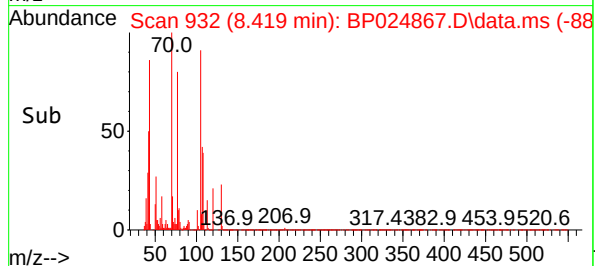
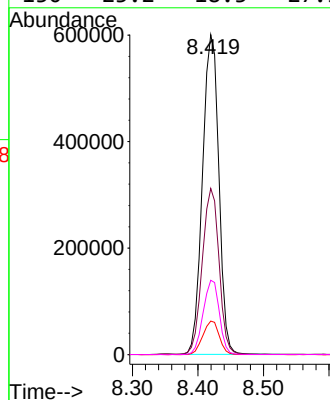
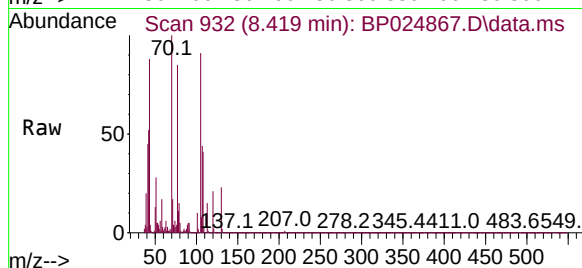
Ion Ratio Lower Upper

70 100

42 51.9 41.2 61.8

101 10.5 8.3 12.5

130 23.2 18.3 27.5



#20

3+4-Methylphenols

Concen: 77.821 ng

RT: 8.402 min Scan# 929

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion: 107 Resp: 1524653

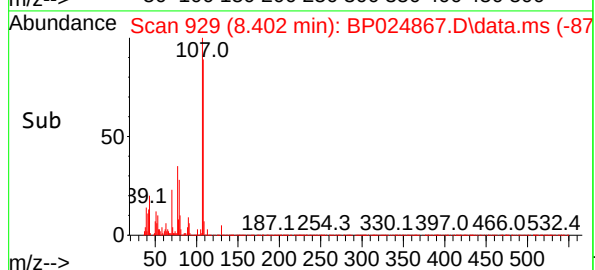
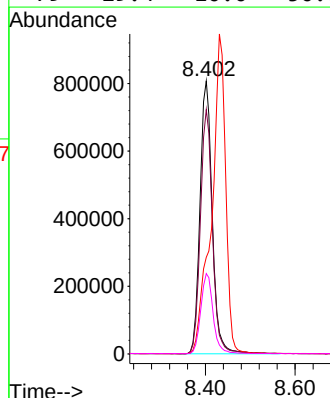
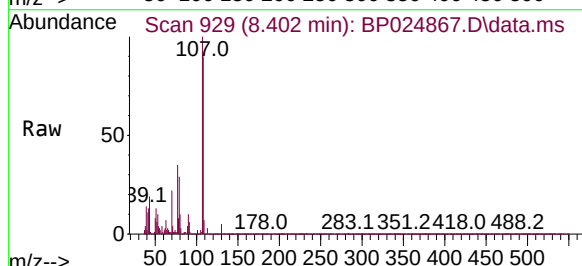
Ion Ratio Lower Upper

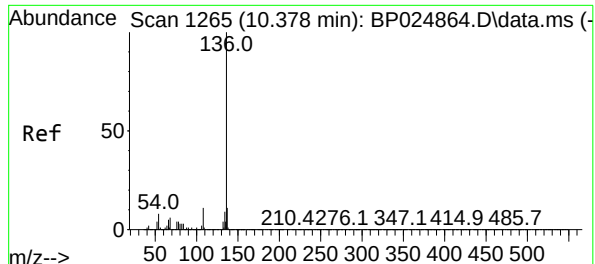
107 100

108 89.5 70.7 110.7

77 35.4 16.6 56.6

79 29.4 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.384 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 1097725

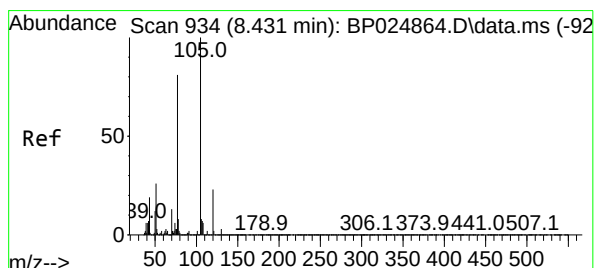
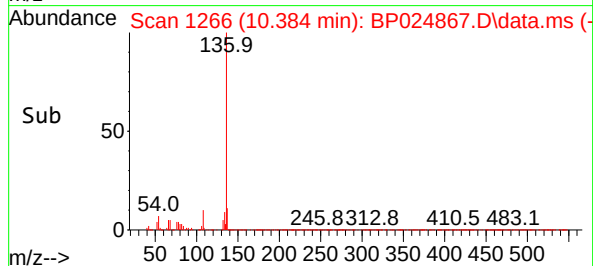
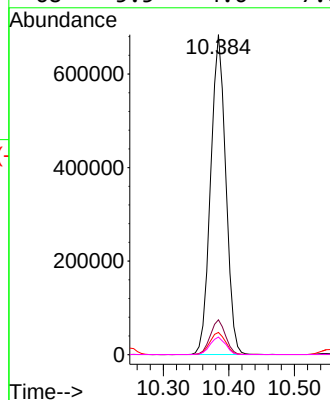
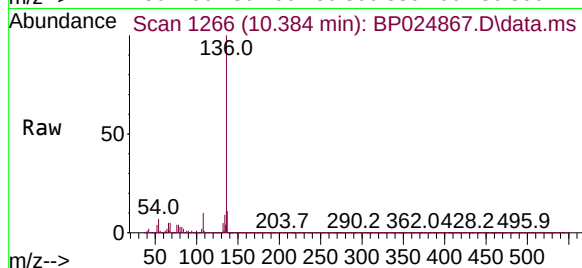
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.1 9.1

68 5.5 4.6 7.0



#22

Acetophenone

Concen: 73.305 ng

RT: 8.431 min Scan# 934

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion:105 Resp: 2033065

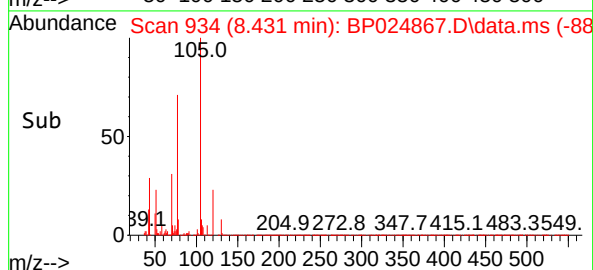
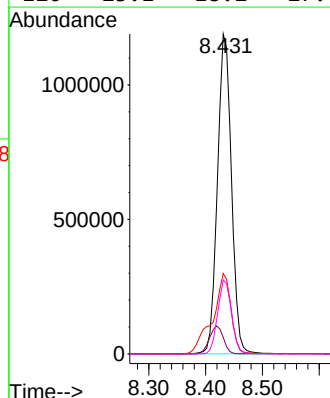
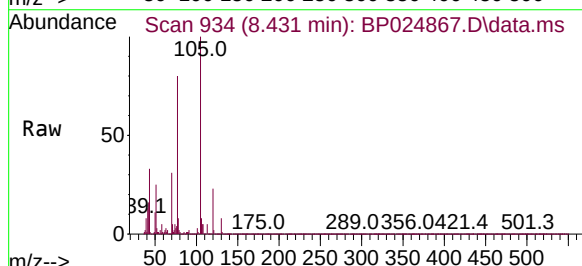
Ion Ratio Lower Upper

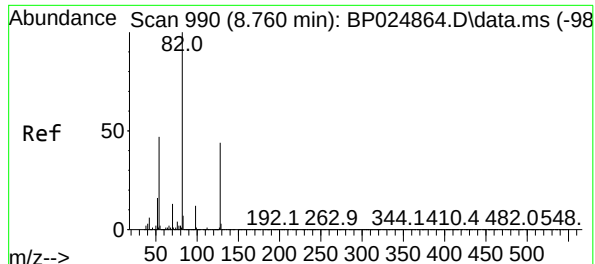
105 100

71 5.2 1.6 2.4

51 25.1 20.6 31.0

120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 148.903 ng

RT: 8.766 min Scan# 990

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

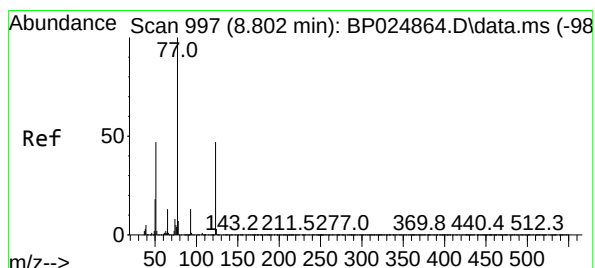
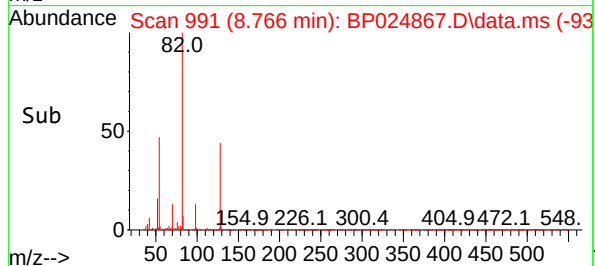
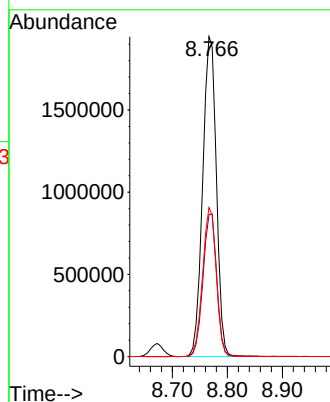
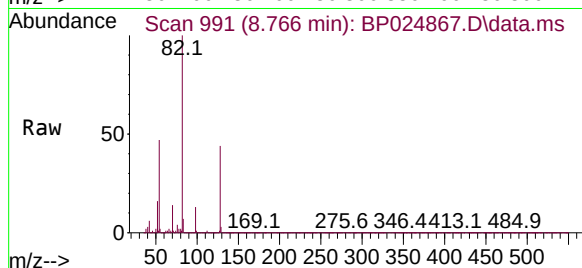
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3363733

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.3	52.9
54	46.6	37.4	56.0



#24

Nitrobenzene

Concen: 74.236 ng

RT: 8.808 min Scan# 998

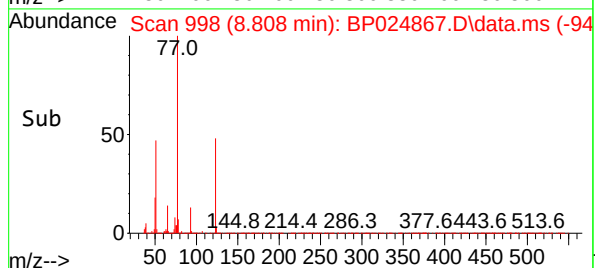
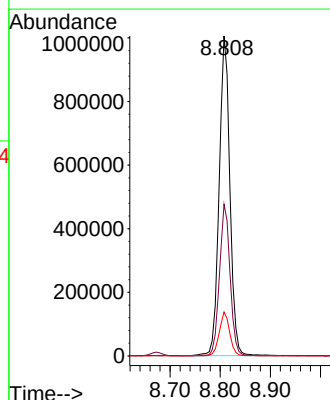
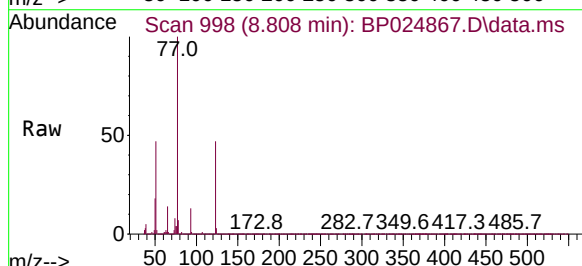
Delta R.T. 0.006 min

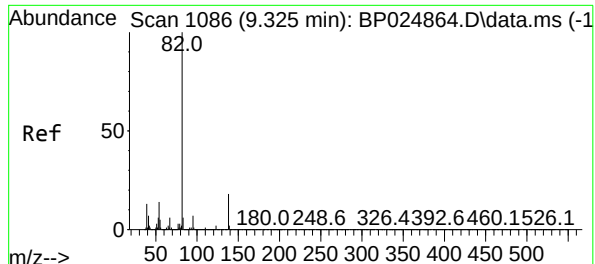
Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion: 77 Resp: 1489831

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	13.7	10.8	16.2





#25

Isophorone

Concen: 78.936 ng

RT: 9.331 min Scan# 1087

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

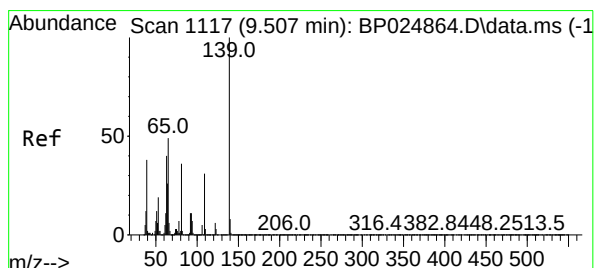
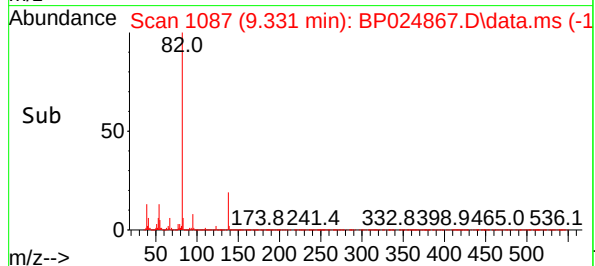
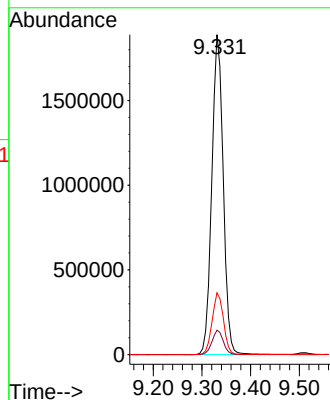
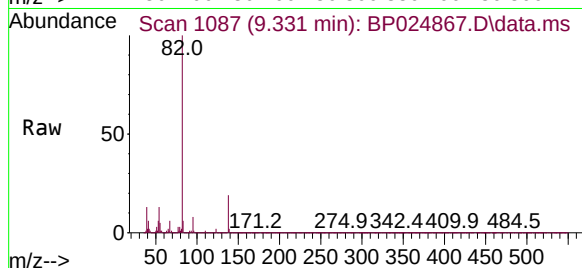
Tgt Ion: 82 Resp: 3090456

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

138 19.3 14.6 21.8



#26

2-Nitrophenol

Concen: 87.932 ng

RT: 9.508 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

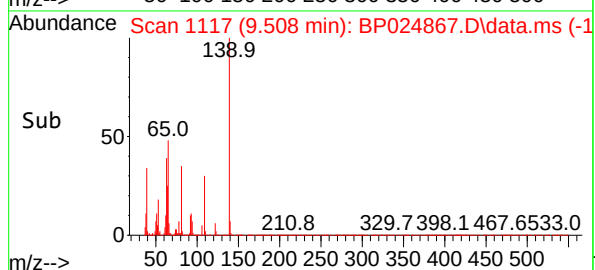
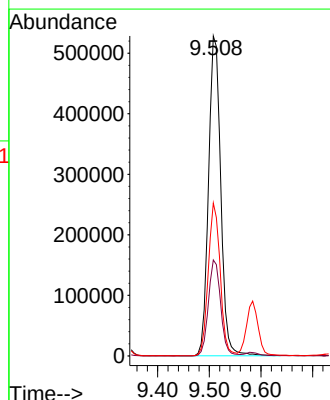
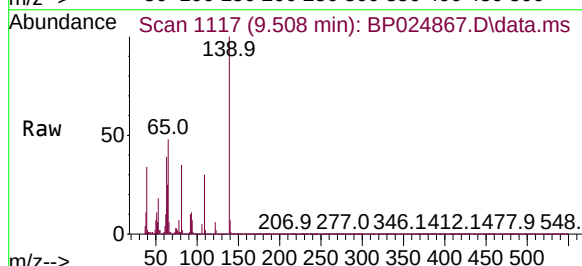
Tgt Ion: 139 Resp: 870704

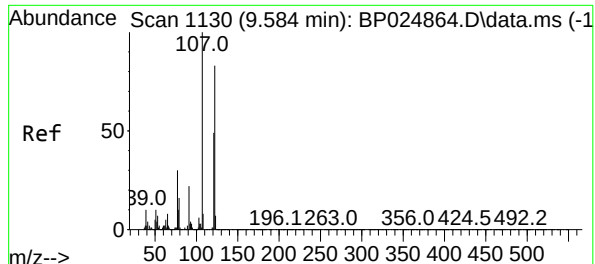
Ion Ratio Lower Upper

139 100

109 30.0 24.6 37.0

65 47.8 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 82.403 ng

RT: 9.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

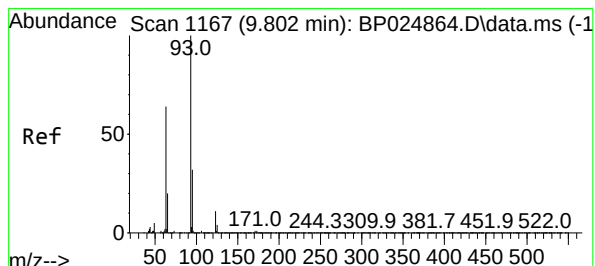
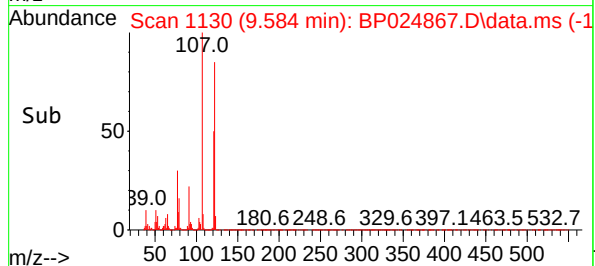
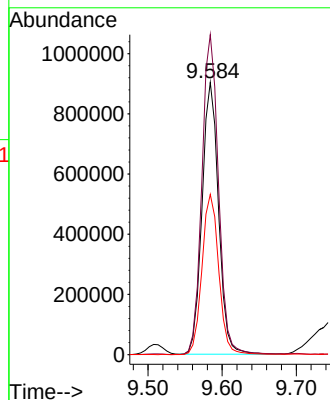
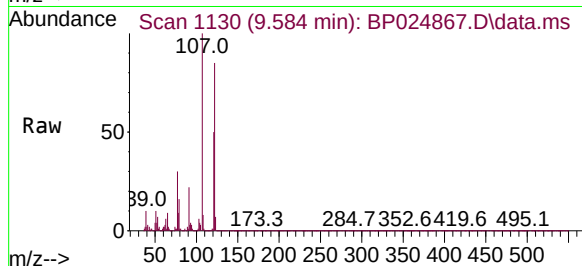
Tgt Ion:122 Resp: 1396457

Ion Ratio Lower Upper

122 100

107 117.5 96.2 144.4

121 58.8 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 78.289 ng

RT: 9.808 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

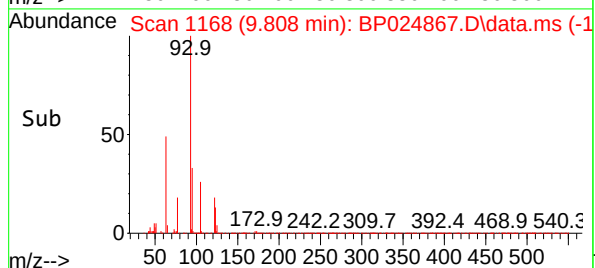
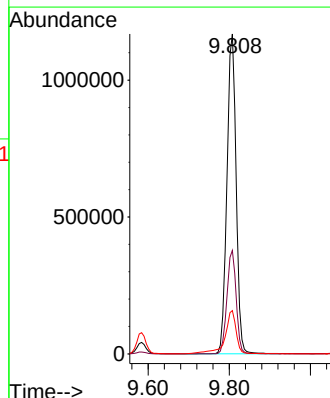
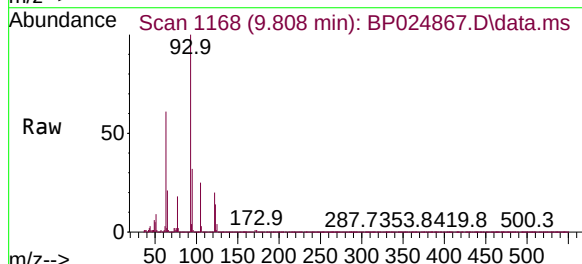
Tgt Ion: 93 Resp: 1828377

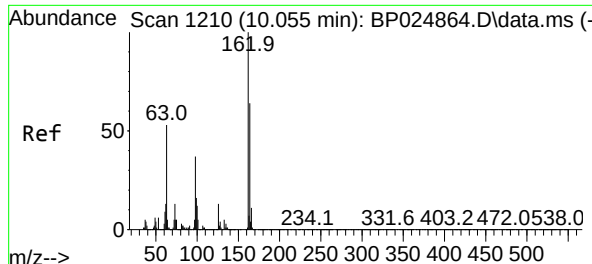
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 13.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 87.313 ng

RT: 10.055 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

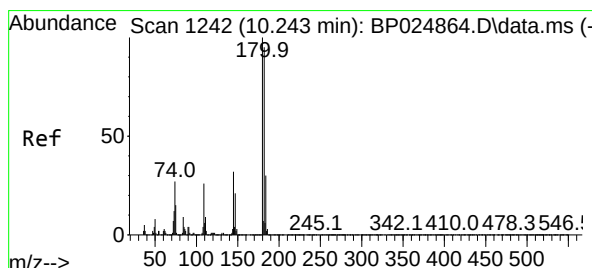
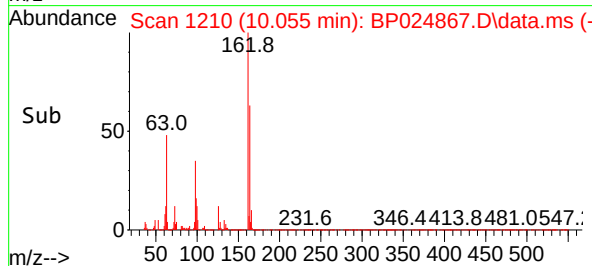
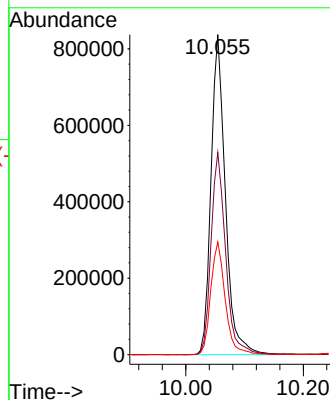
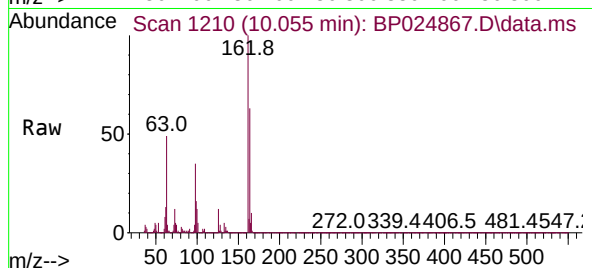
Tgt Ion:162 Resp: 1419757

Ion Ratio Lower Upper

162 100

164 63.2 44.0 84.0

98 35.2 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 84.080 ng

RT: 10.243 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

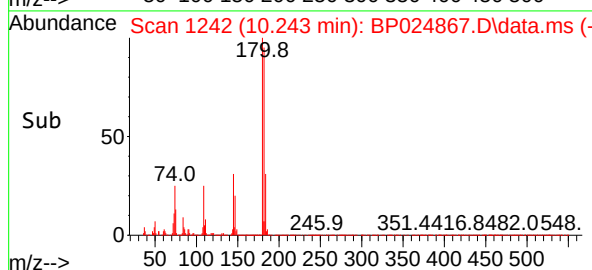
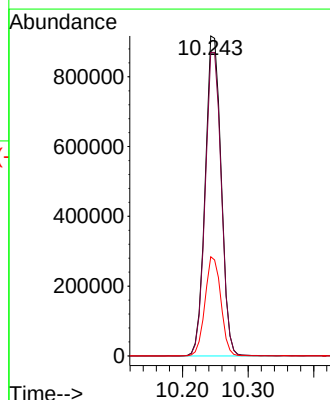
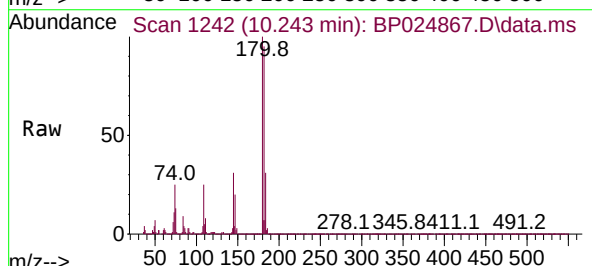
Tgt Ion:180 Resp: 1542041

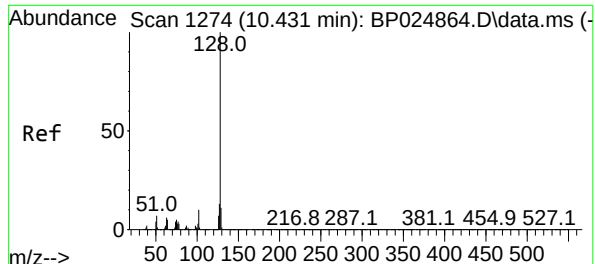
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

145 31.0 25.7 38.5

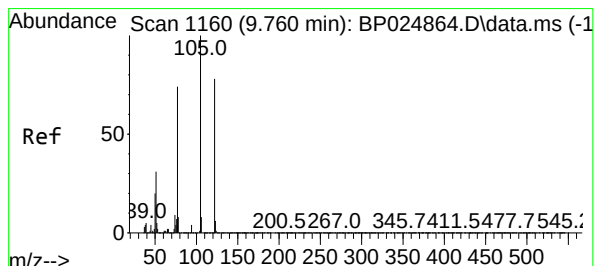
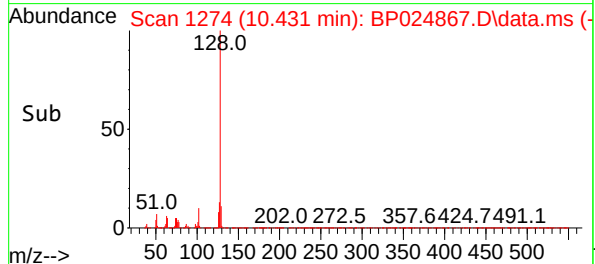
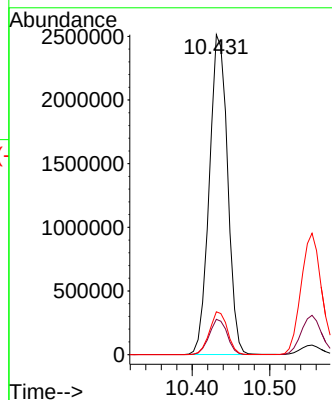
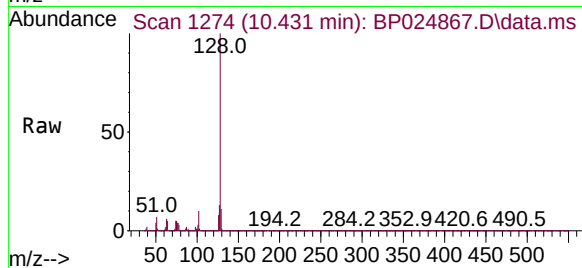




#31
Naphthalene
Concen: 72.957 ng
RT: 10.431 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

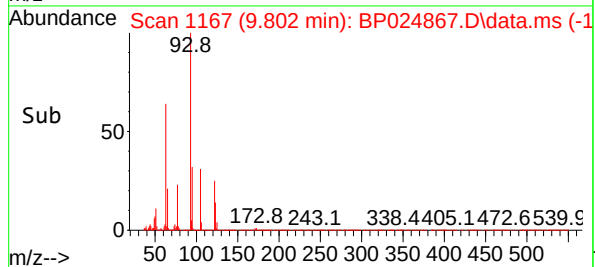
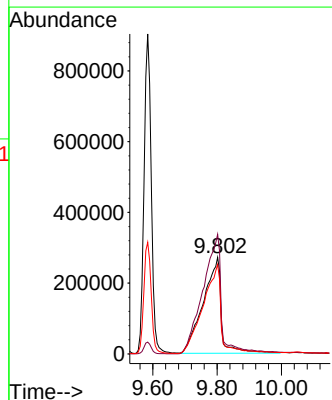
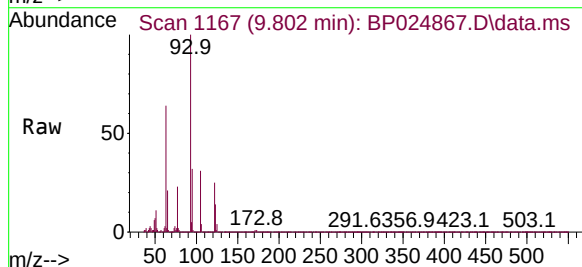
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

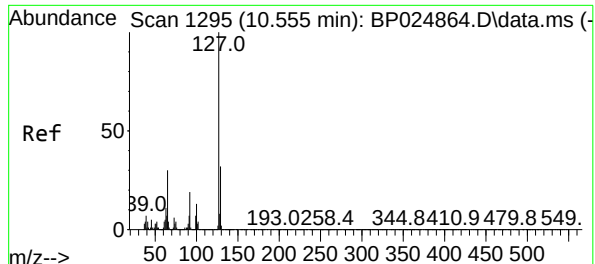
Tgt Ion:128 Resp: 4104122
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 94.314 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.041 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:122 Resp: 1065621
Ion Ratio Lower Upper
122 100
105 123.9 107.1 147.1
77 92.6 75.1 115.1





#33

4-Chloroaniline

Concen: 77.087 ng

RT: 10.555 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 1816811

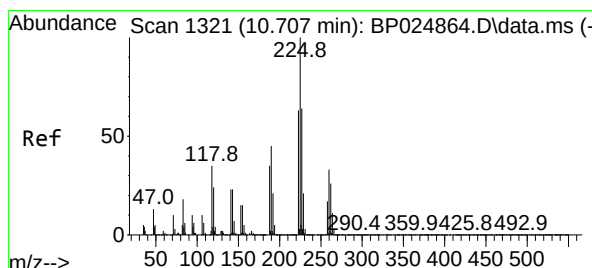
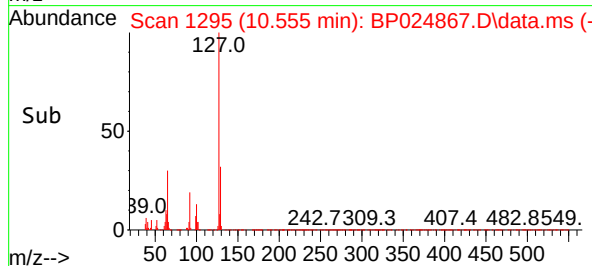
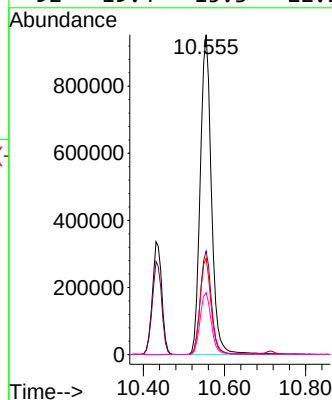
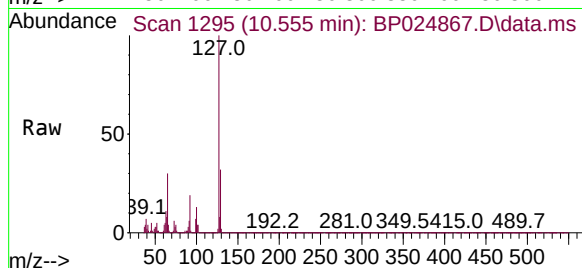
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 30.1 23.9 35.9

92 19.4 15.3 22.9



#34

Hexachlorobutadiene

Concen: 75.174 ng

RT: 10.713 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

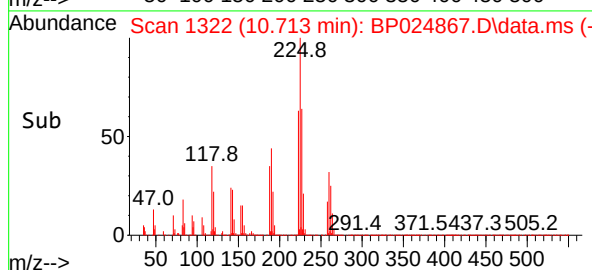
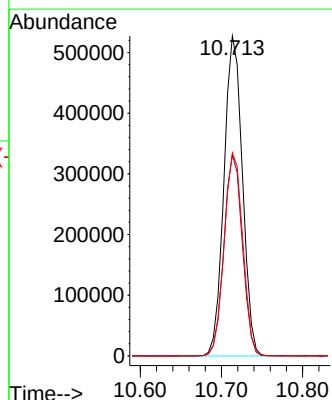
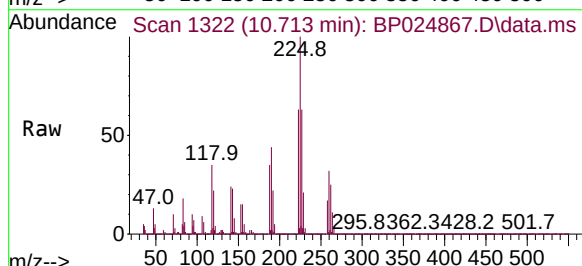
Tgt Ion:225 Resp: 830962

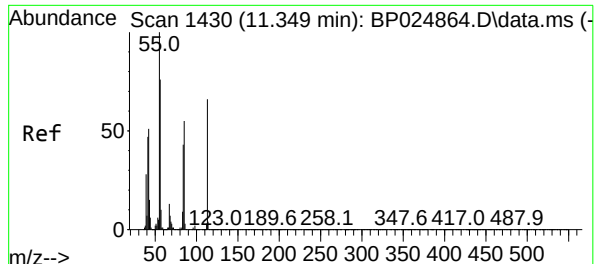
Ion Ratio Lower Upper

225 100

223 62.8 50.5 75.7

227 63.5 51.4 77.2





#35

Caprolactam

Concen: 76.358 ng

RT: 11.366 min Scan# 1433

Delta R.T. 0.018 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

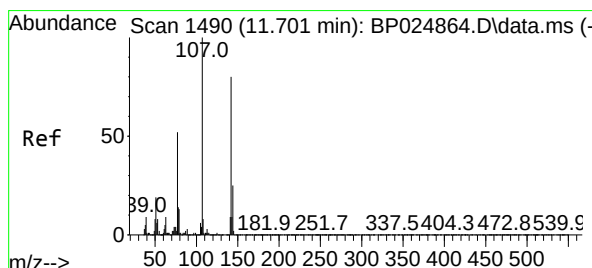
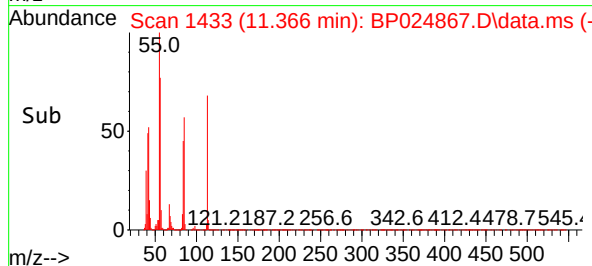
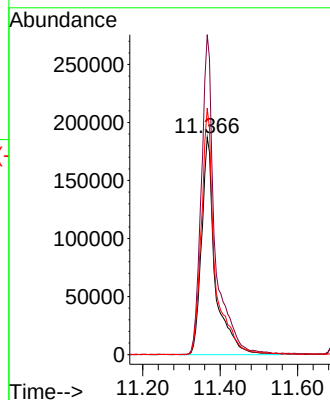
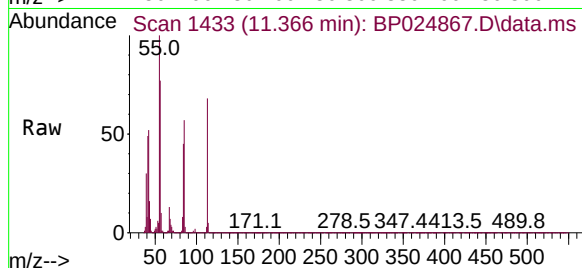
Tgt Ion:113 Resp: 457044

Ion Ratio Lower Upper

113 100

55 147.3 132.5 172.5

56 113.4 96.0 136.0



#36

4-Chloro-3-methylphenol

Concen: 76.925 ng

RT: 11.702 min Scan# 1490

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

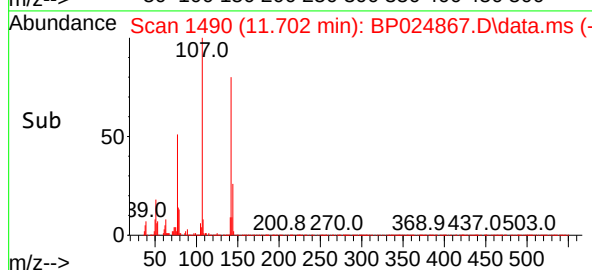
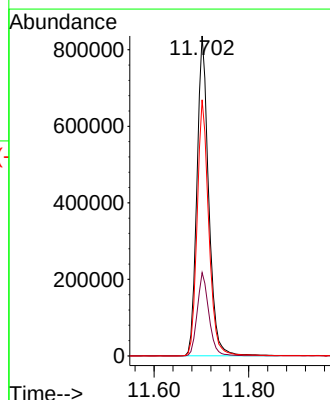
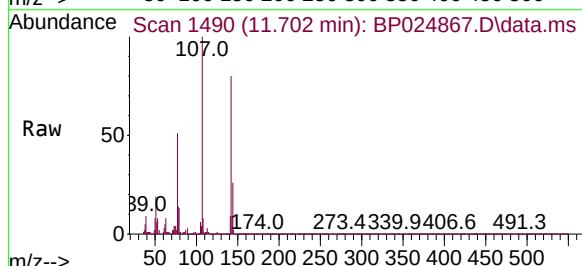
Tgt Ion:107 Resp: 1442747

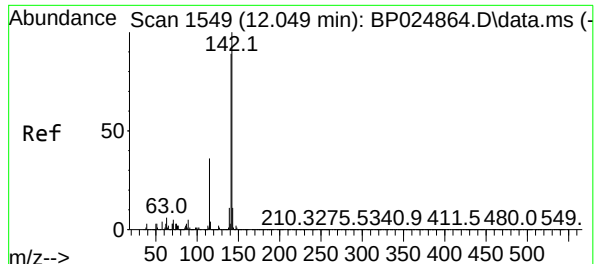
Ion Ratio Lower Upper

107 100

144 26.0 20.4 30.6

142 80.0 63.8 95.6

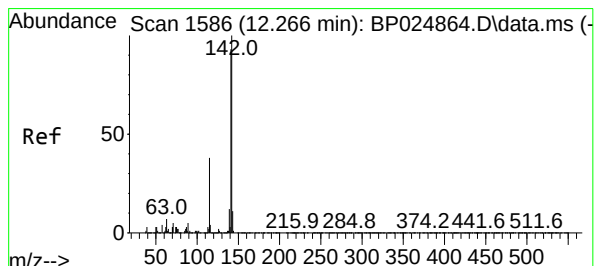
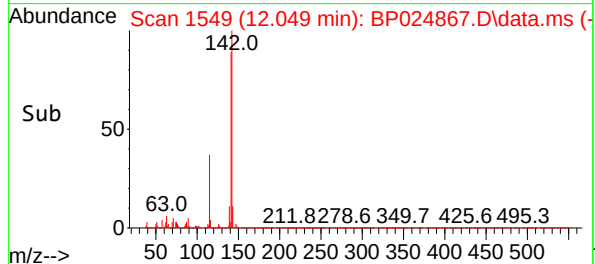
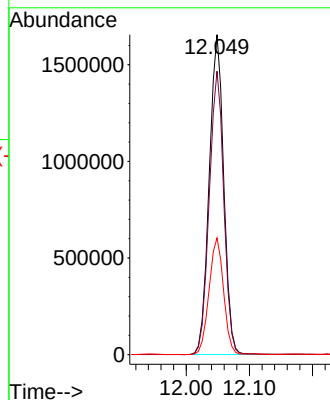
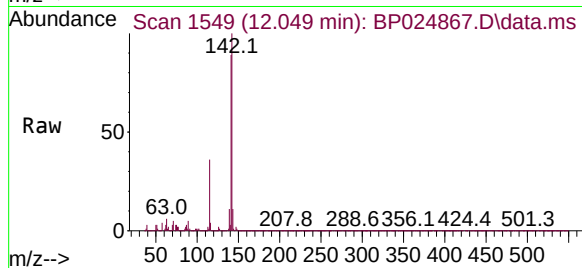




#37
2-Methylnaphthalene
Concen: 74.062 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

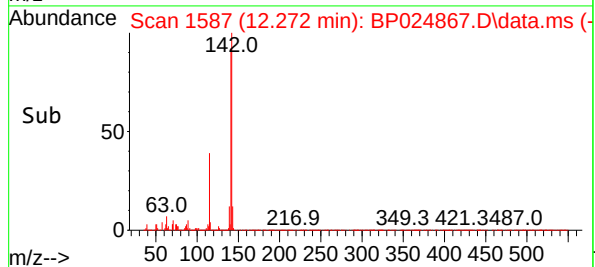
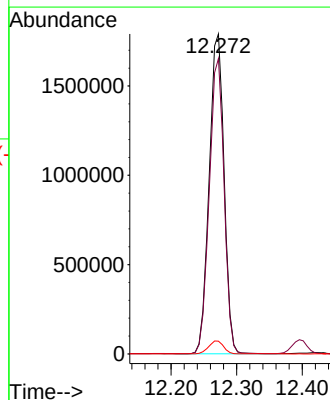
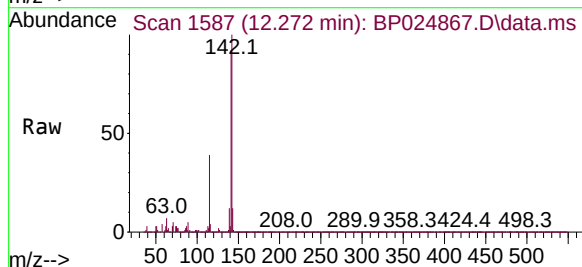
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

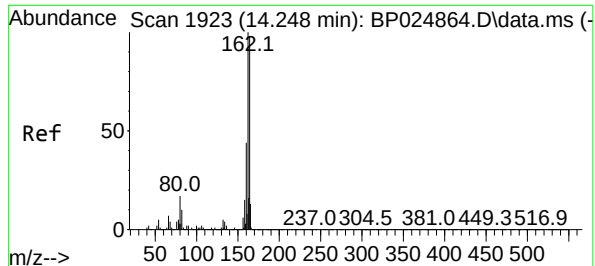
Tgt Ion:142 Resp: 2642800
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 73.955 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:142 Resp: 2821350
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

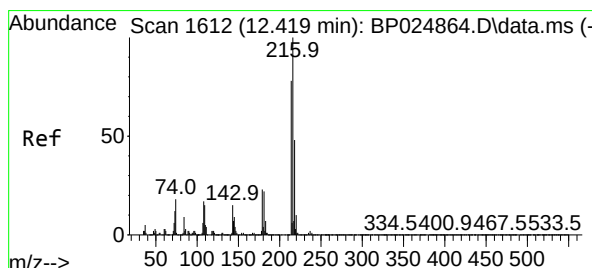
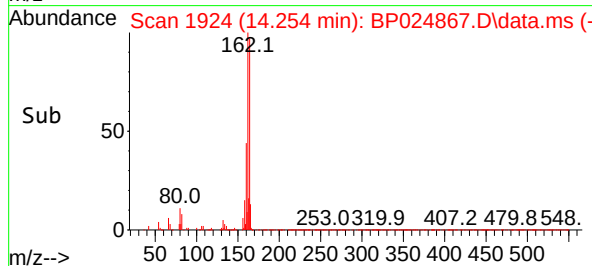
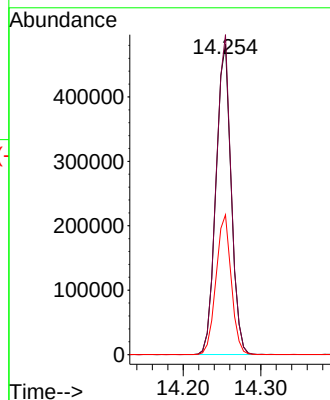
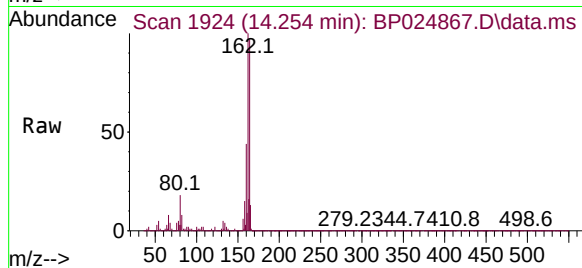
Tgt Ion:164 Resp: 655445

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 45.0 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.160 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion:216 Resp: 1472269

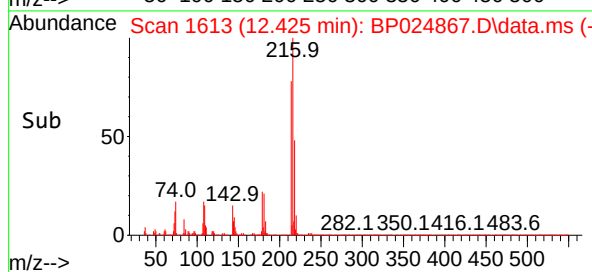
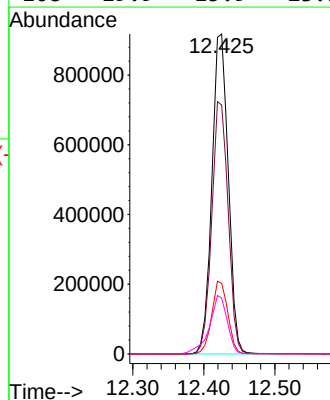
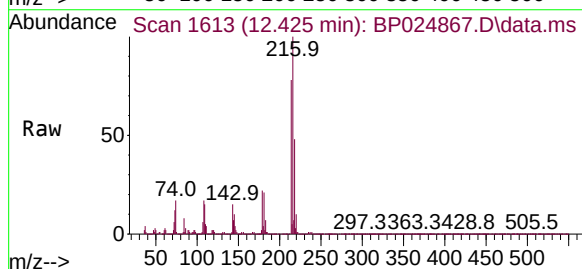
Ion Ratio Lower Upper

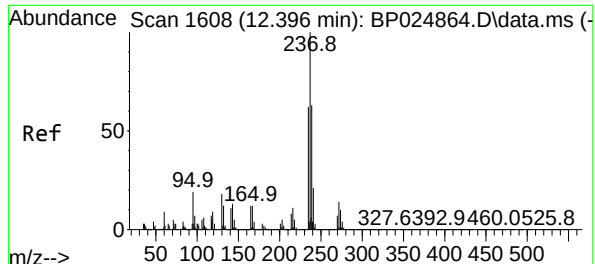
216 100

214 78.9 63.0 94.4

179 22.3 17.8 26.6

108 19.9 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 90.970 ng

RT: 12.396 min Scan# 10

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

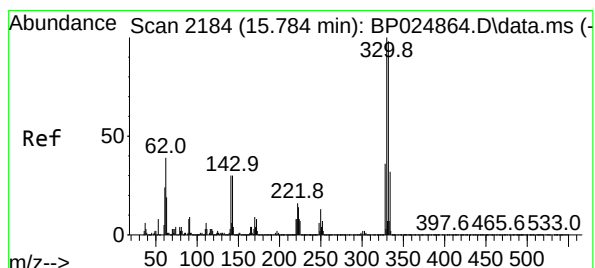
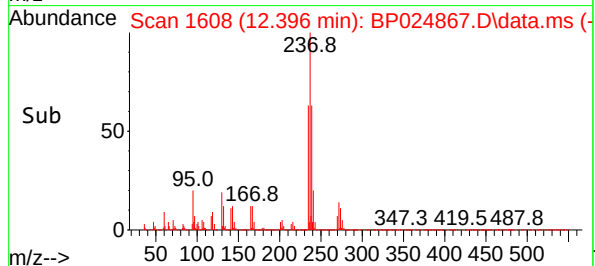
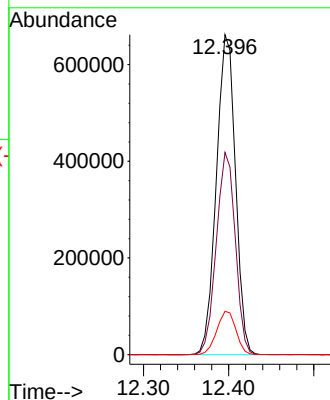
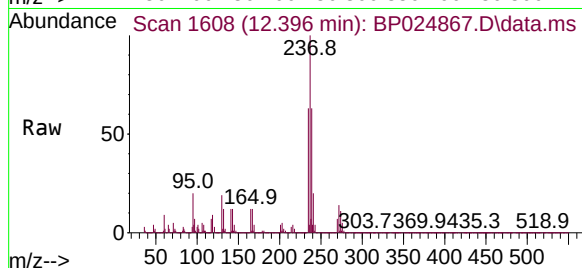
Tgt Ion:237 Resp: 1031961

Ion Ratio Lower Upper

237 100

235 63.2 41.9 81.9

272 13.5 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 164.916 ng

RT: 15.778 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

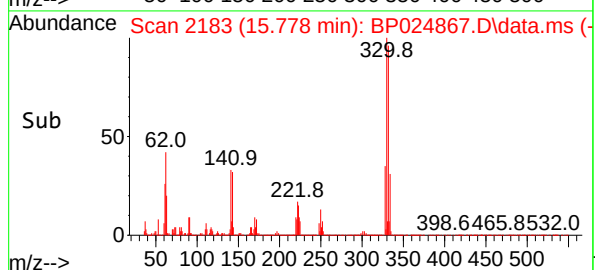
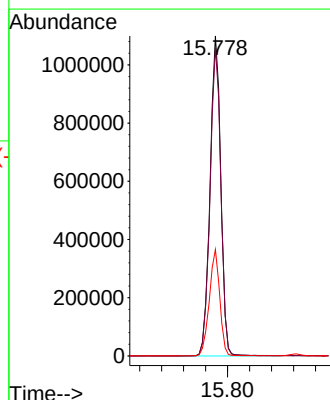
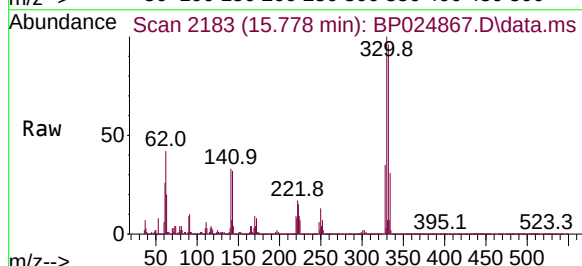
Tgt Ion:330 Resp: 1494447

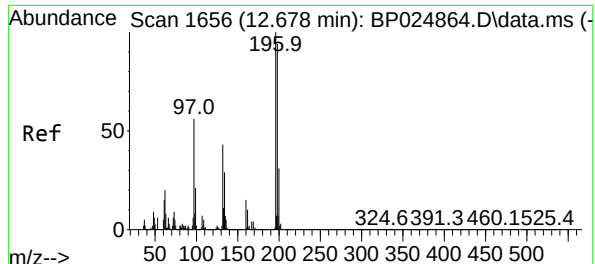
Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 32.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 83.186 ng

RT: 12.678 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

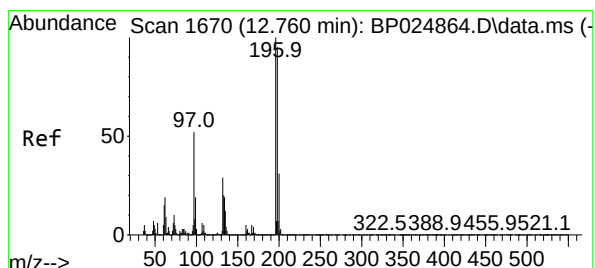
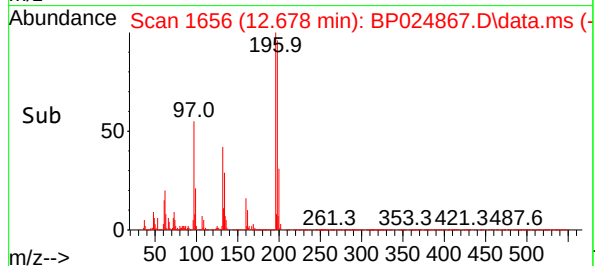
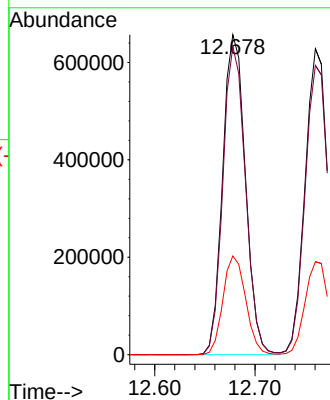
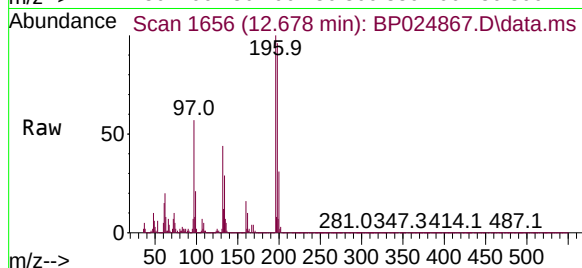
Tgt Ion:196 Resp: 1039009

Ion Ratio Lower Upper

196 100

198 96.3 75.4 113.0

200 30.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 83.507 ng

RT: 12.760 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion:196 Resp: 1117015

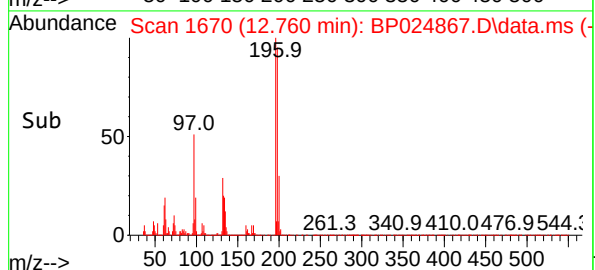
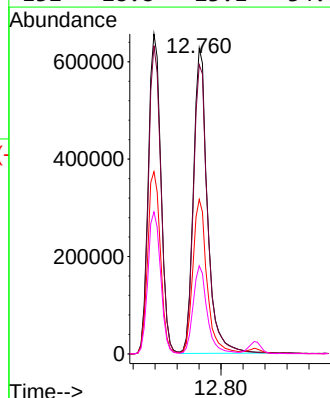
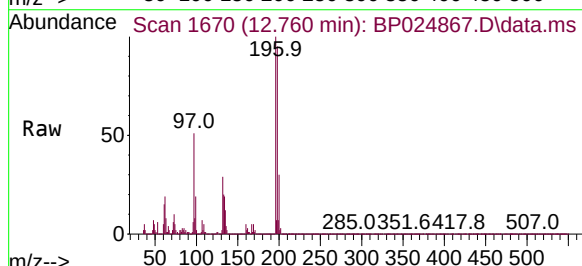
Ion Ratio Lower Upper

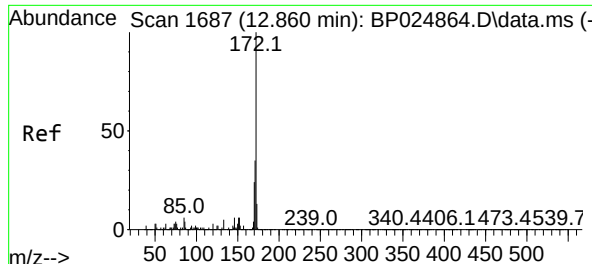
196 100

198 94.6 76.0 114.0

97 50.5 41.5 62.3

132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 151.825 ng

RT: 12.866 min Scan# 1688

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

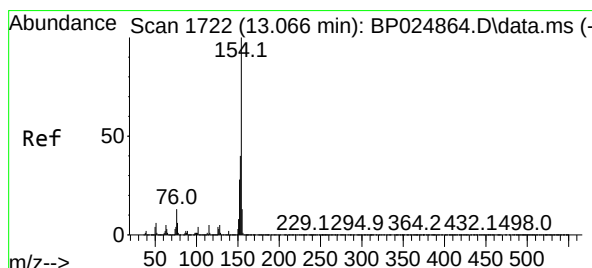
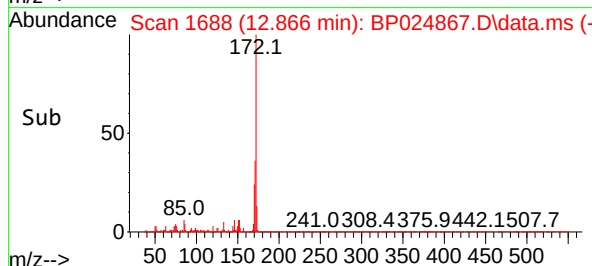
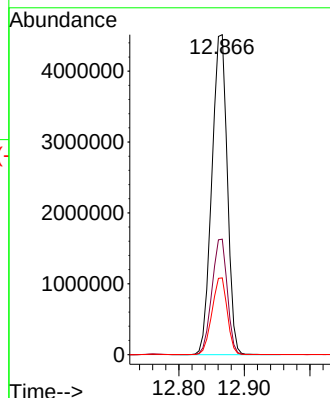
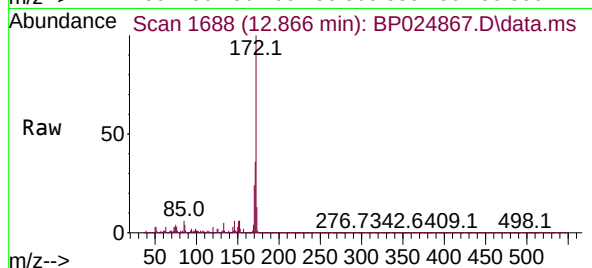
Tgt Ion:172 Resp: 7387084

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 77.223 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

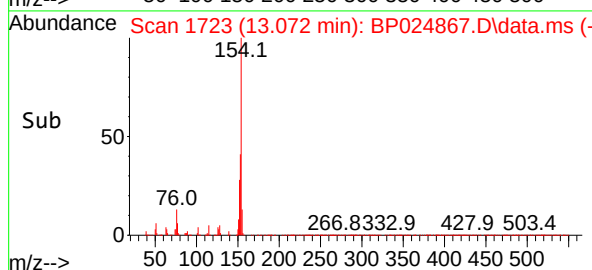
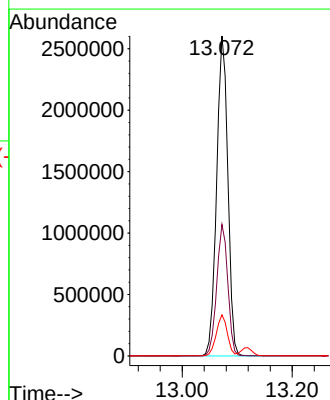
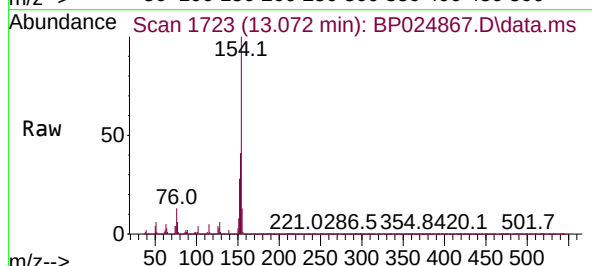
Tgt Ion:154 Resp: 3678354

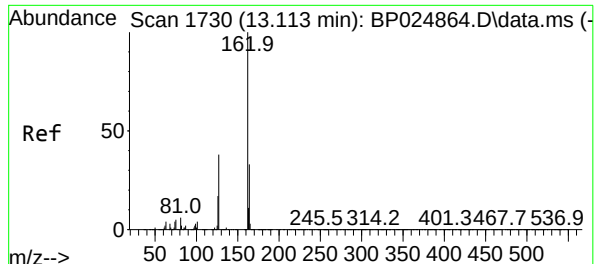
Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 77.428 ng

RT: 13.119 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

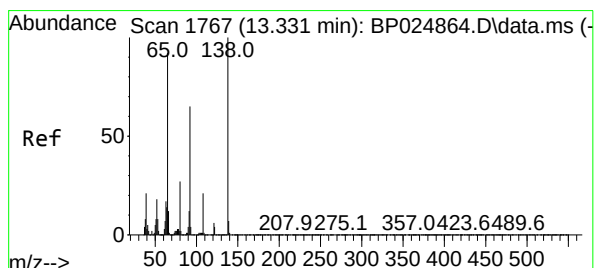
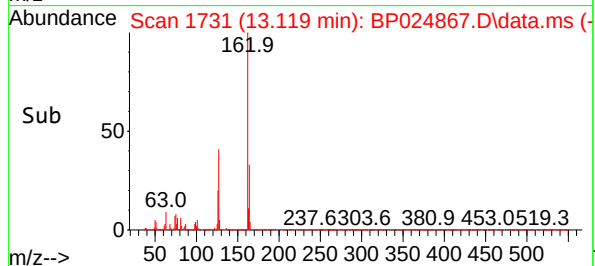
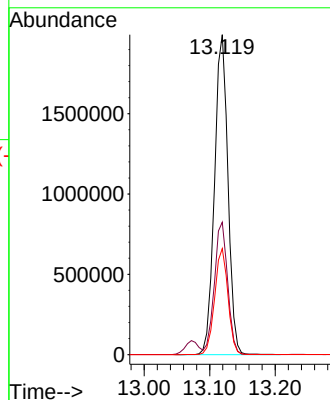
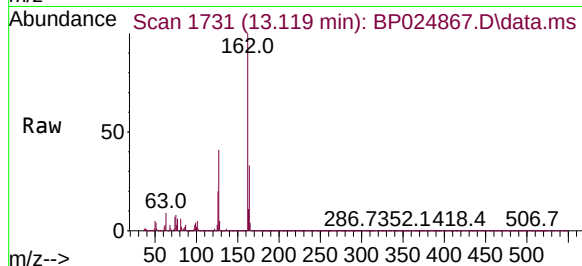
Tgt Ion:162 Resp: 2834595

Ion Ratio Lower Upper

162 100

127 41.4 32.5 48.7

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 82.685 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

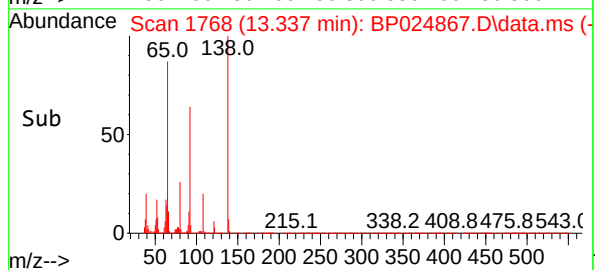
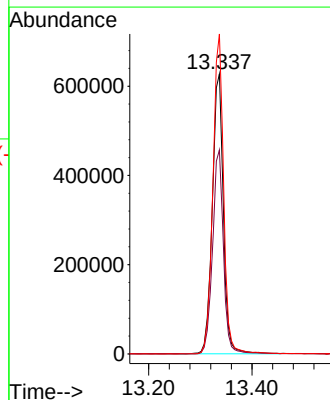
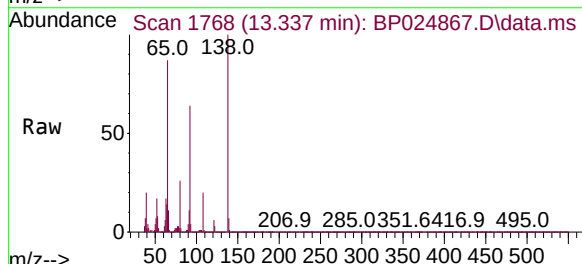
Tgt Ion: 65 Resp: 930628

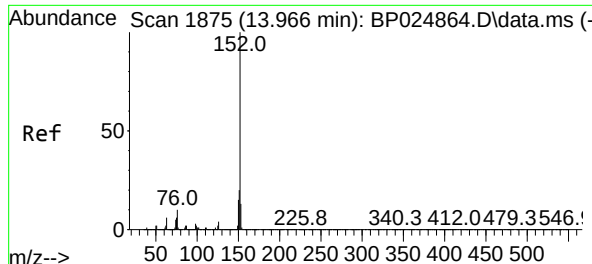
Ion Ratio Lower Upper

65 100

92 72.9 56.8 85.2

138 114.3 86.9 130.3





#49

Acenaphthylene

Concen: 77.508 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

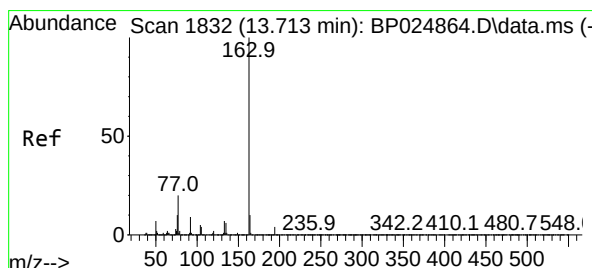
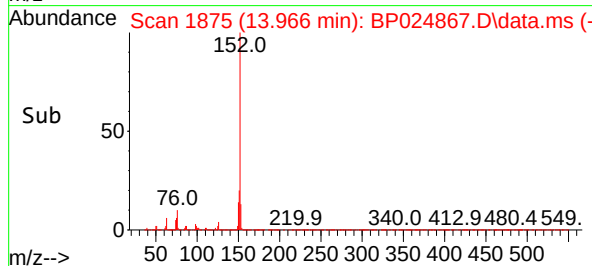
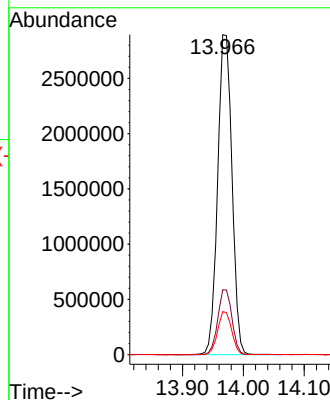
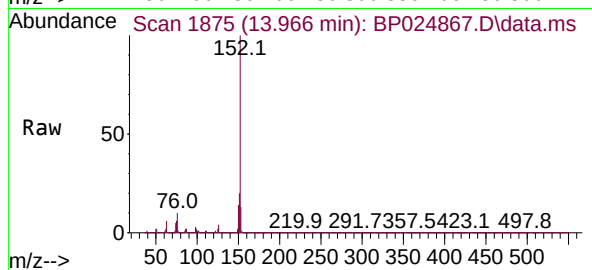
Tgt Ion:152 Resp: 4731215

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 77.959 ng

RT: 13.719 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

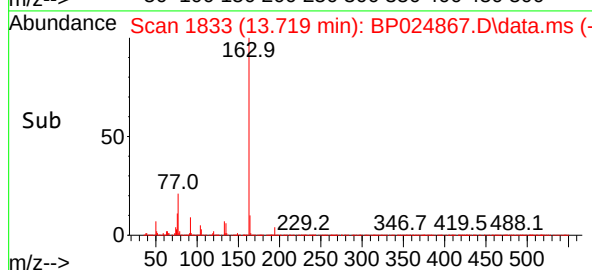
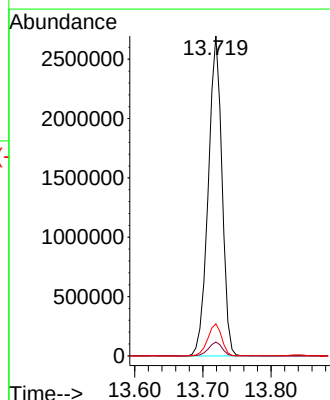
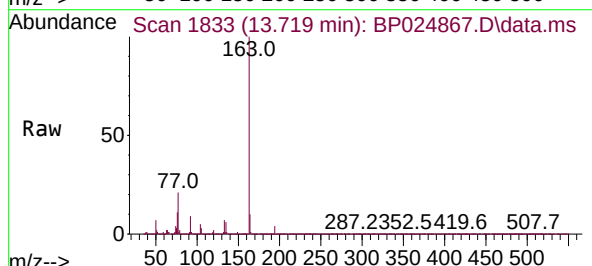
Tgt Ion:163 Resp: 3769405

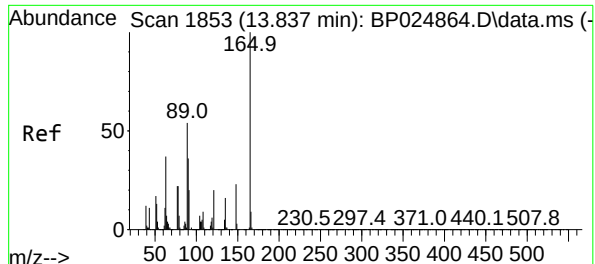
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.0 12.0

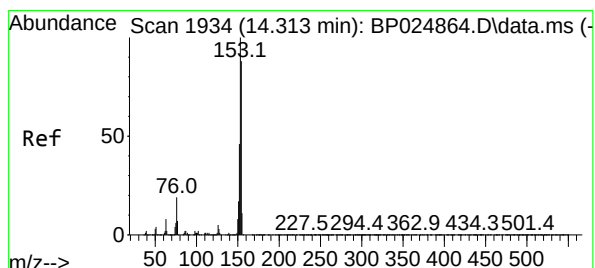
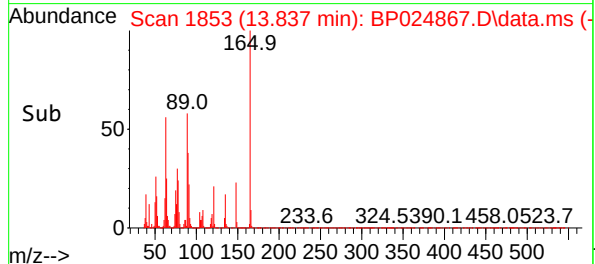
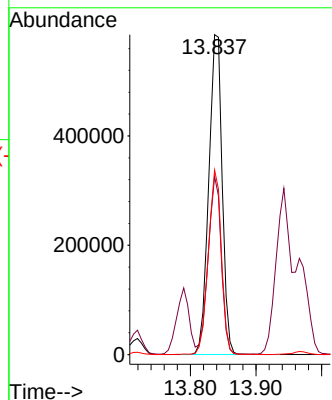
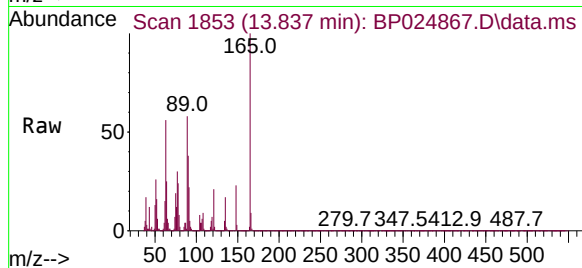




#51
2,6-Dinitrotoluene
Concen: 79.625 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

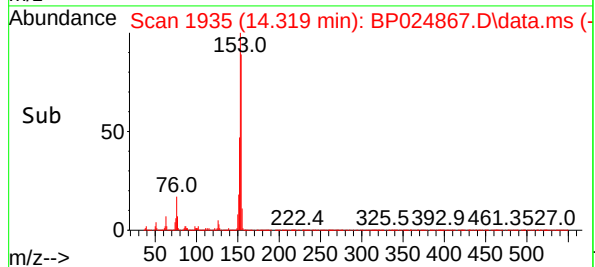
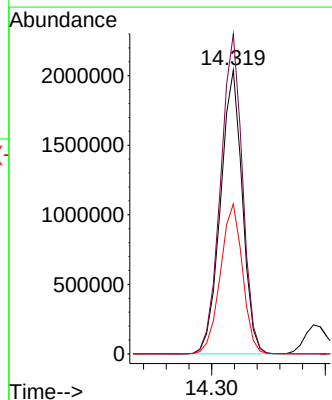
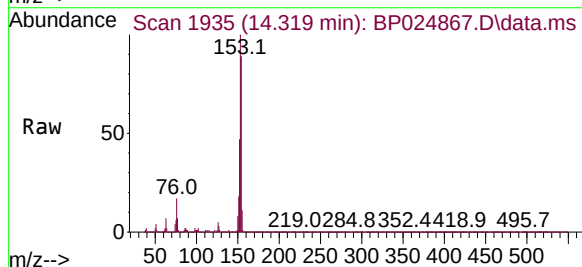
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

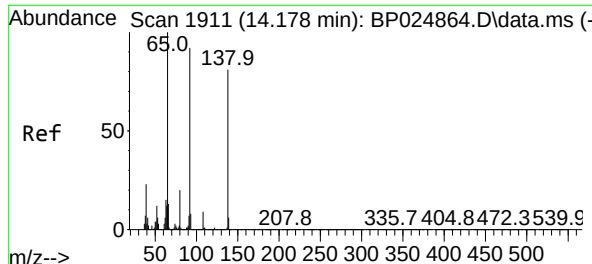
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	41.8	62.8
89	57.7	43.1	64.7



#52
Acenaphthene
Concen: 77.638 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	52.8	42.1	63.1

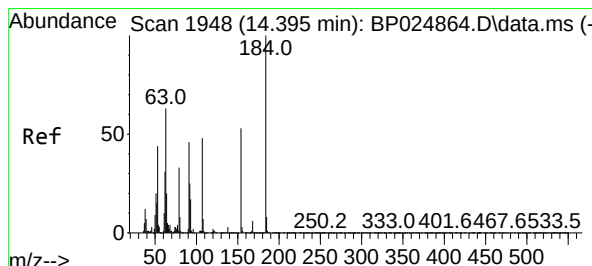
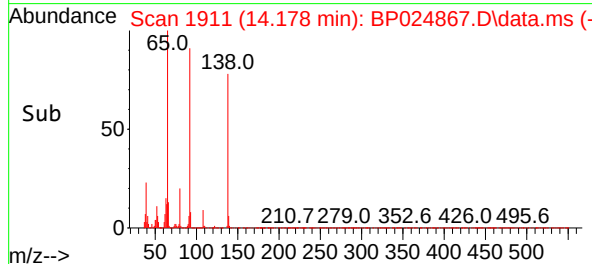
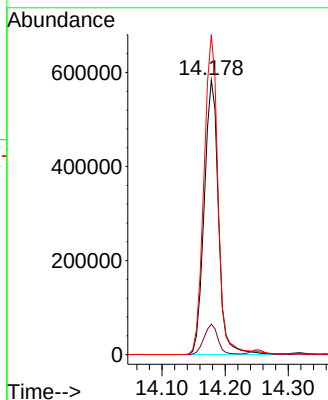
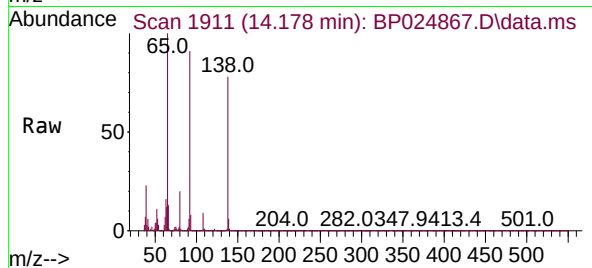




#53
3-Nitroaniline
Concen: 84.530 ng
RT: 14.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

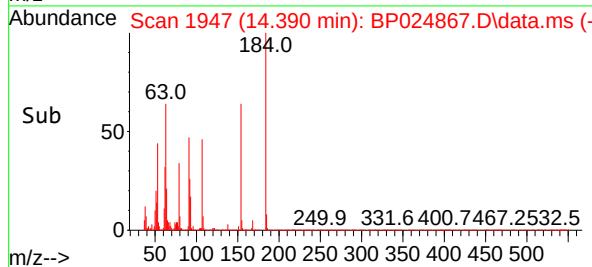
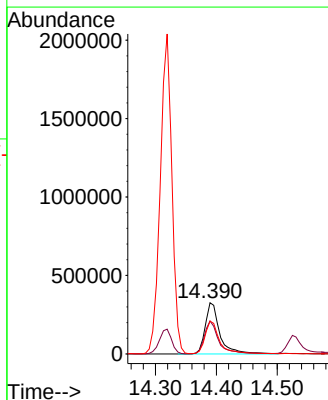
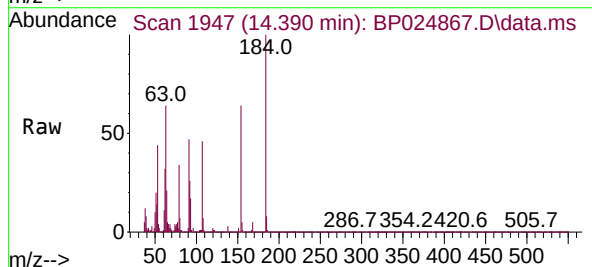
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

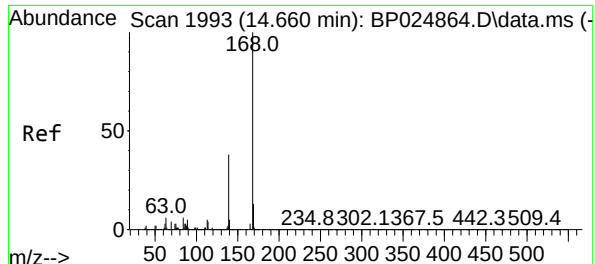
Tgt Ion:138 Resp: 914372
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 116.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 79.298 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:184 Resp: 537870
Ion Ratio Lower Upper
184 100
63 64.4 51.0 76.4
154 64.2 51.7 77.5





#55

Dibenzofuran

Concen: 75.424 ng

RT: 14.654 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

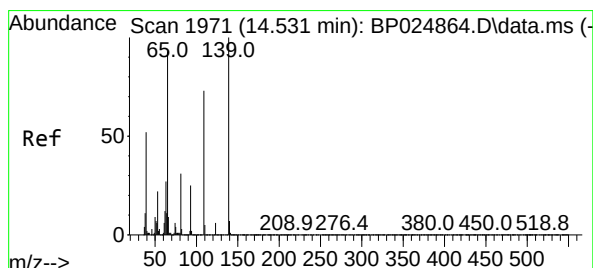
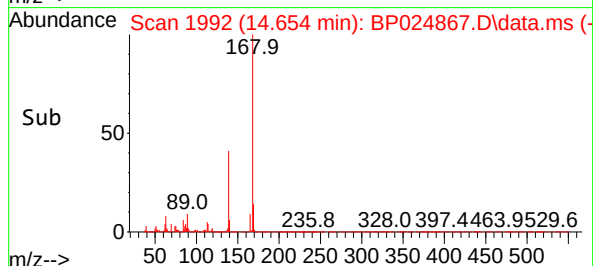
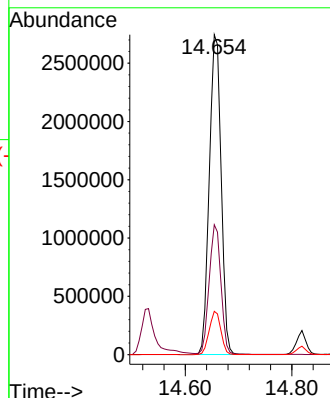
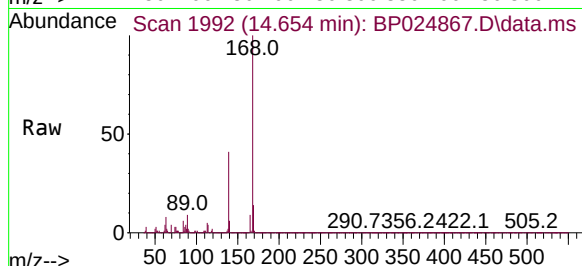
Tgt Ion:168 Resp: 4234879

Ion Ratio Lower Upper

168 100

139 40.6 31.6 47.4

169 13.5 10.6 15.8



#56

4-Nitrophenol

Concen: 78.739 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

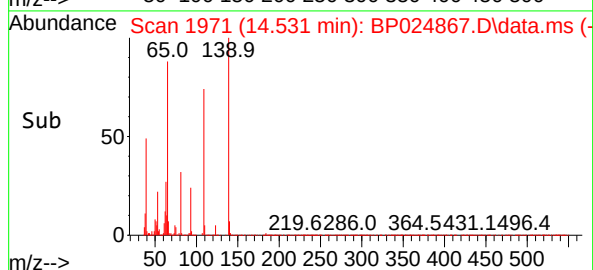
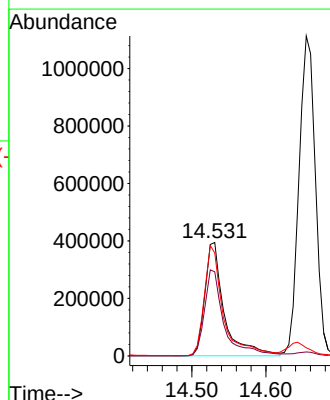
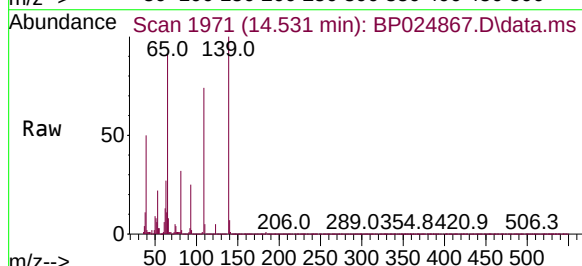
Tgt Ion:139 Resp: 720226

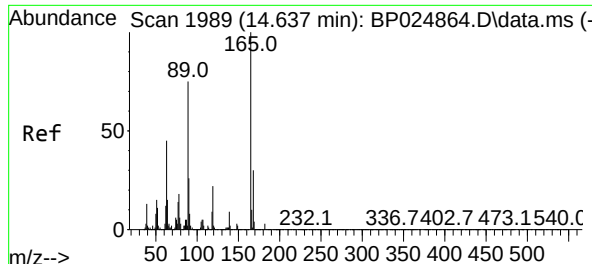
Ion Ratio Lower Upper

139 100

109 74.3 53.1 93.1

65 90.8 73.0 113.0

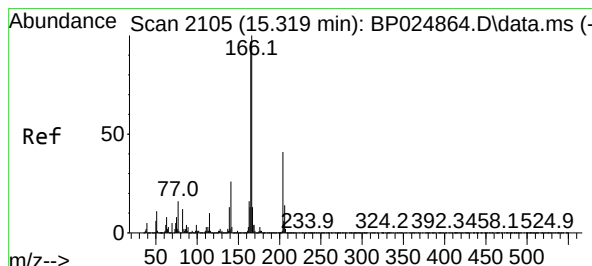
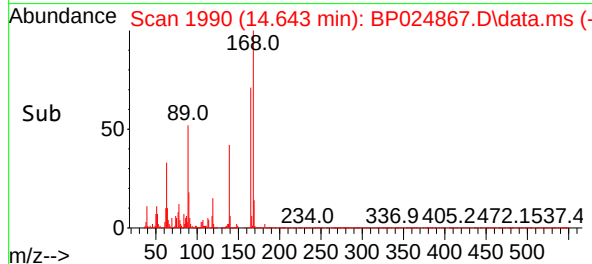
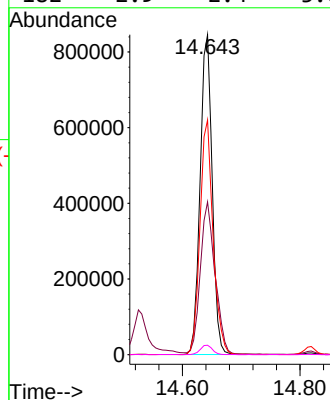
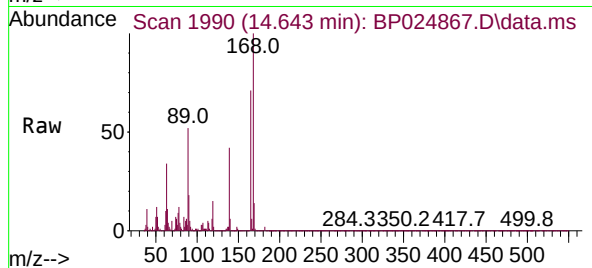




#57
2,4-Dinitrotoluene
Concen: 82.341 ng
RT: 14.643 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

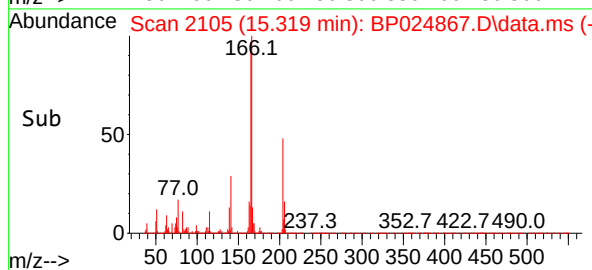
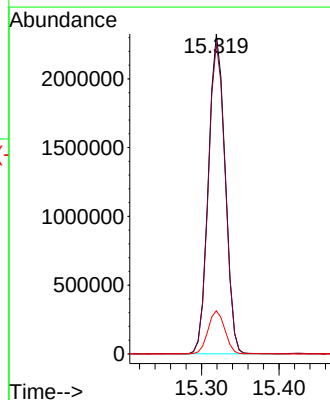
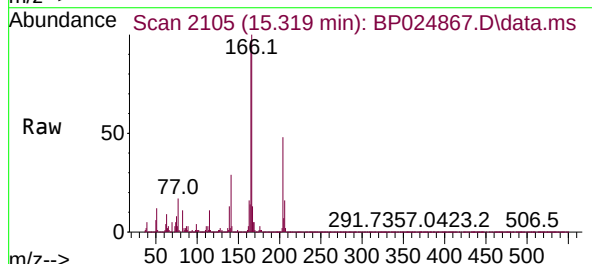
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

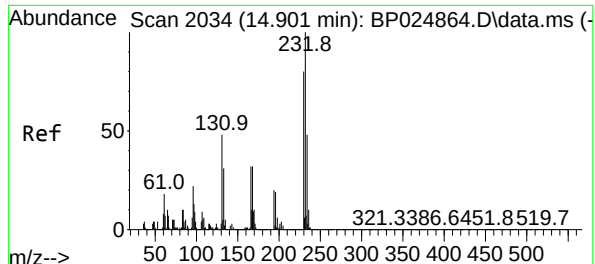
Tgt Ion:165 Resp: 1200593
Ion Ratio Lower Upper
165 100
63 47.7 37.0 55.6
89 73.3 60.1 90.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 76.824 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:166 Resp: 3484502
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.5 10.6 16.0

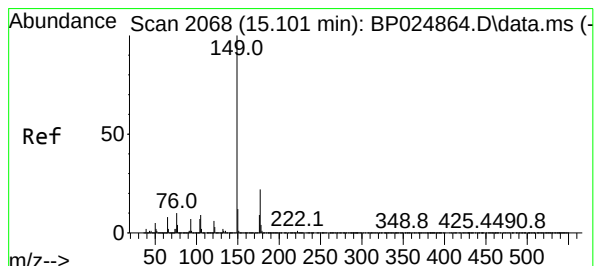
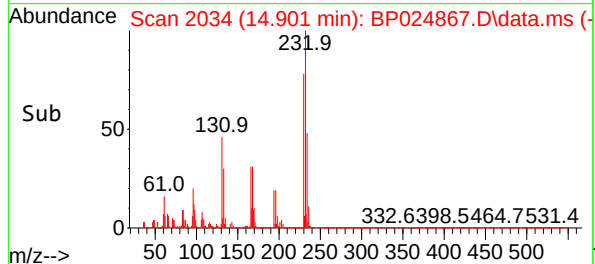
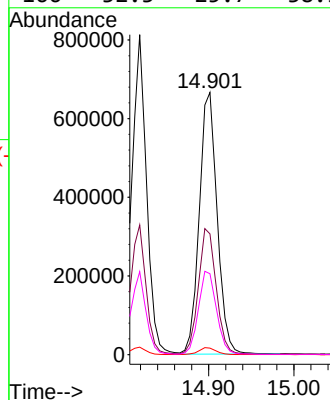
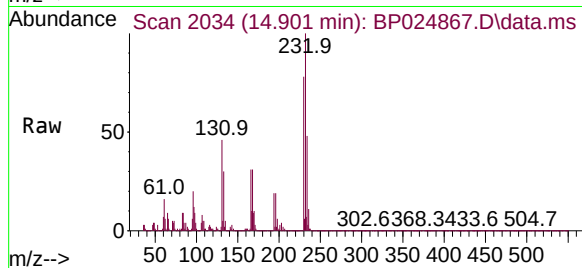




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.077 ng
RT: 14.901 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

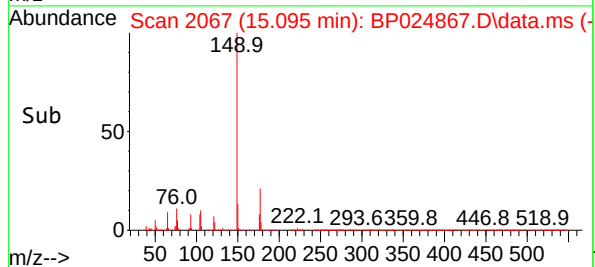
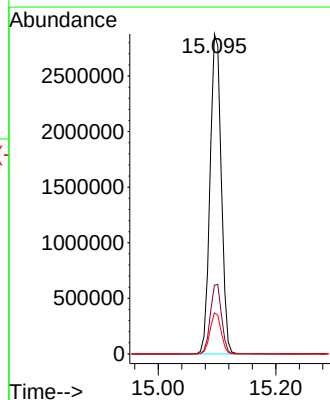
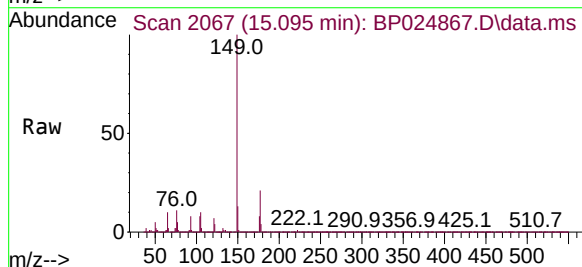
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

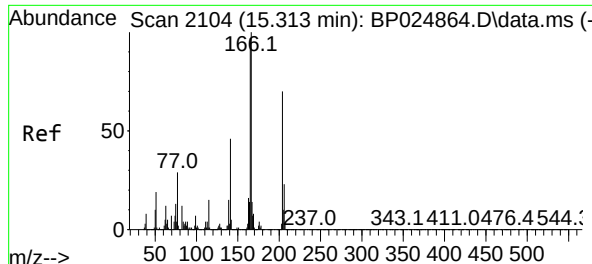
Tgt Ion:232 Resp: 970694
Ion Ratio Lower Upper
232 100
131 48.0 38.2 57.2
130 2.6 2.1 3.1
166 32.3 25.7 38.5



#60
Diethylphthalate
Concen: 78.844 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 3799279
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 12.8 9.8 14.6

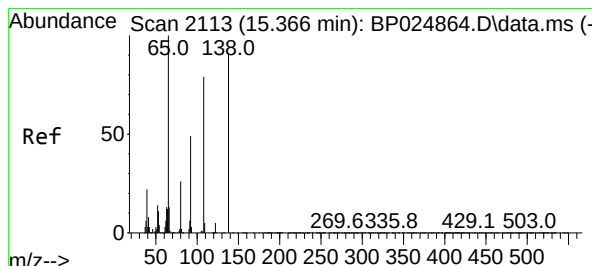
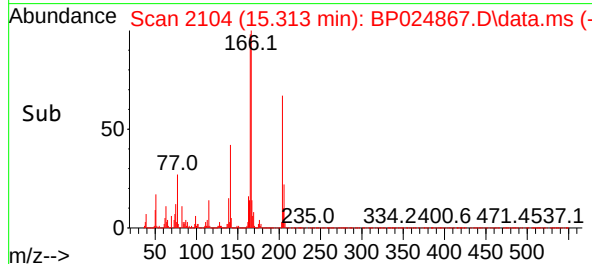
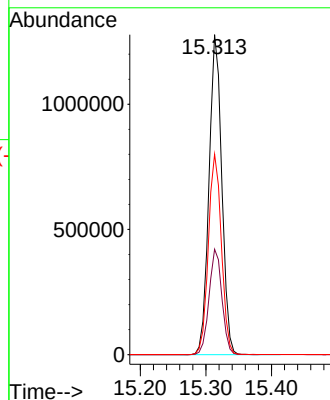
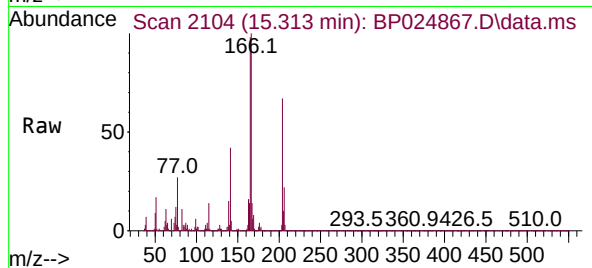




#61
4-Chlorophenyl-phenylether
Concen: 77.784 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

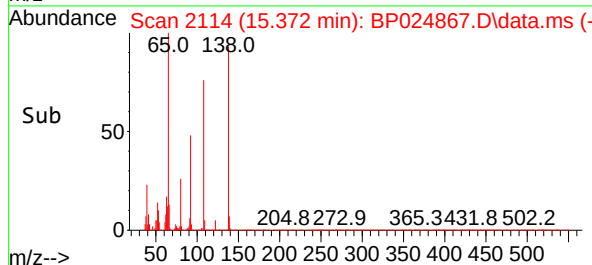
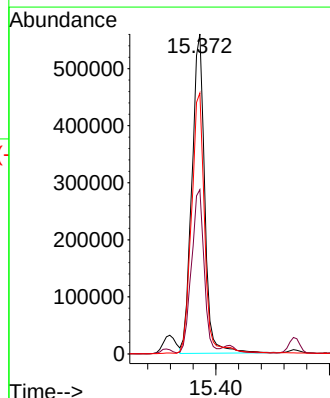
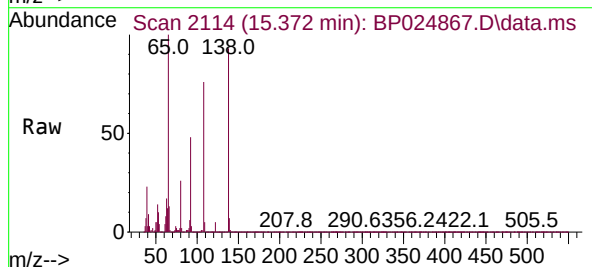
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

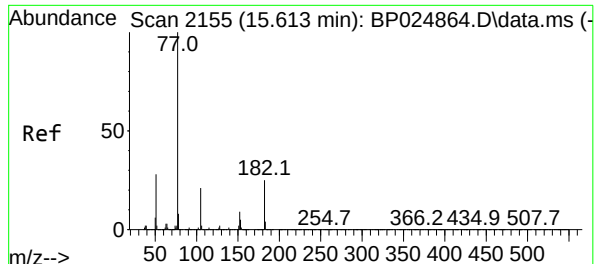
Tgt Ion:204 Resp: 1725059
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 62.6 52.4 78.6



#62
4-Nitroaniline
Concen: 89.199 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:138 Resp: 875375
Ion Ratio Lower Upper
138 100
92 51.3 33.5 73.5
108 81.5 65.1 105.1

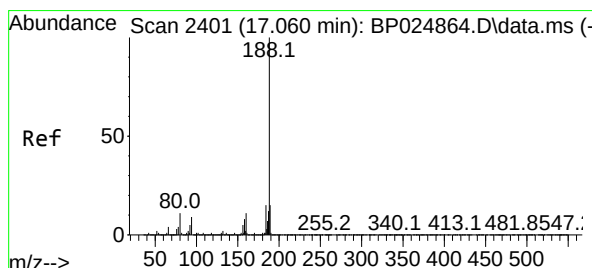
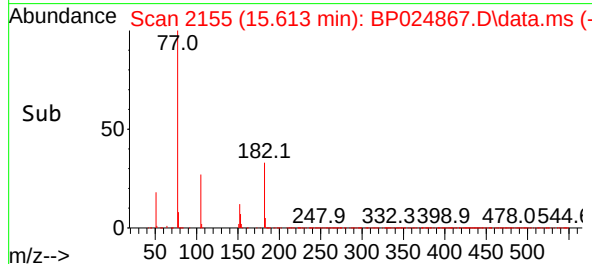
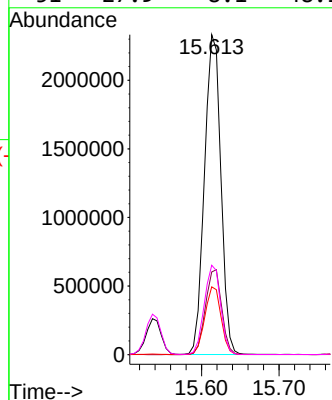
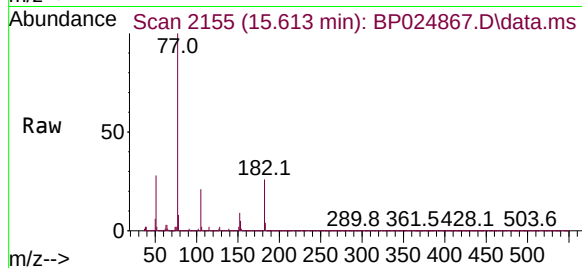




#63
Azobenzene
Concen: 77.538 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

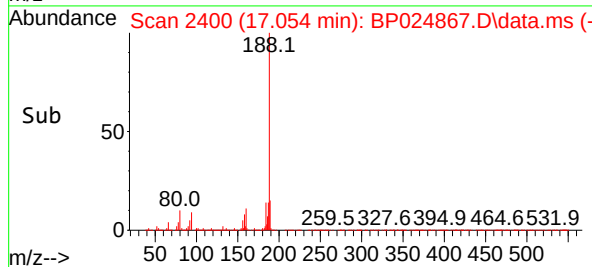
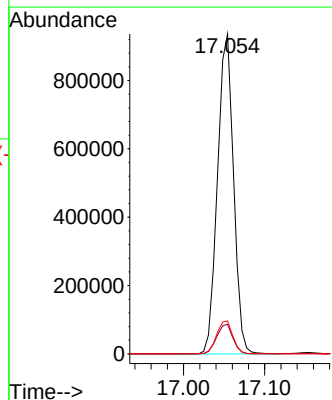
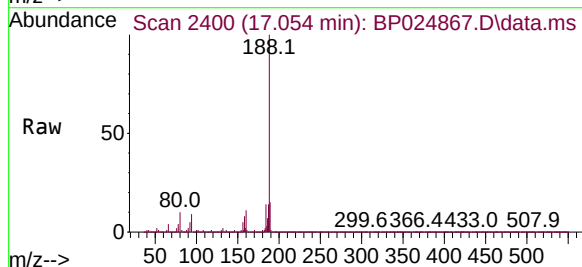
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

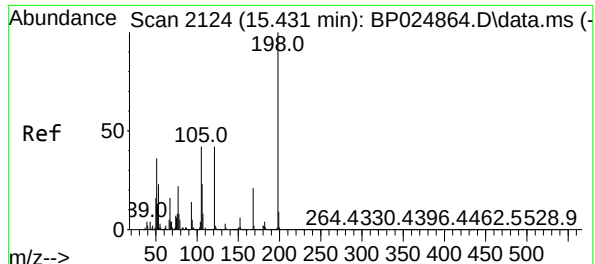
Tgt Ion: 77 Resp: 3426736
Ion Ratio Lower Upper
77 100
182 25.8 5.4 45.4
105 21.2 0.8 40.8
51 27.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 188 Resp: 1282325
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.3 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 86.490 ng

RT: 15.425 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

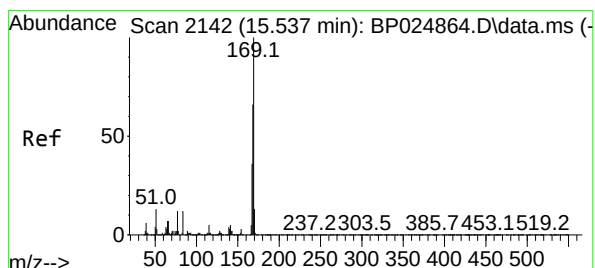
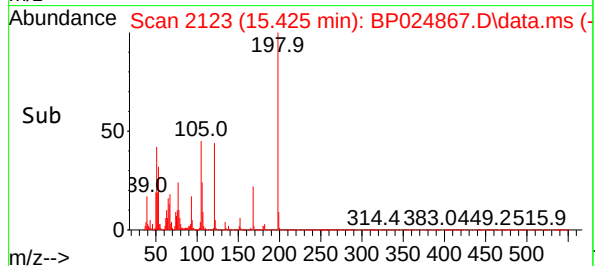
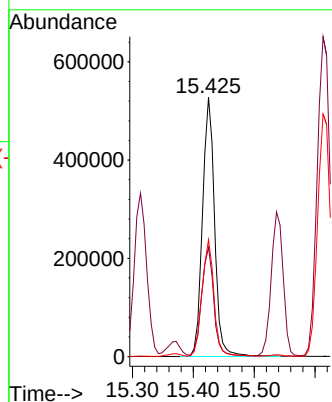
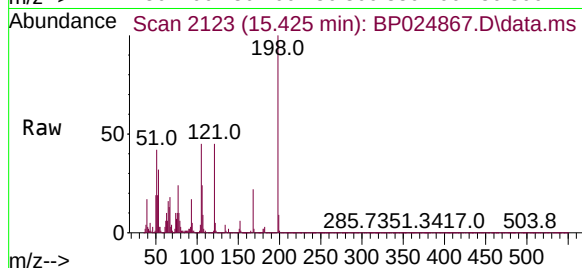
Tgt Ion:198 Resp: 728771

Ion Ratio Lower Upper

198 100

51 42.1 19.2 59.2

105 45.1 22.6 62.6



#66

n-Nitrosodiphenylamine

Concen: 76.603 ng

RT: 15.543 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

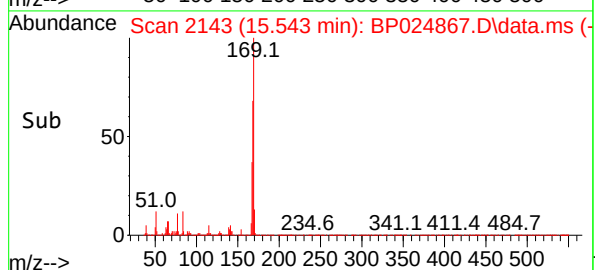
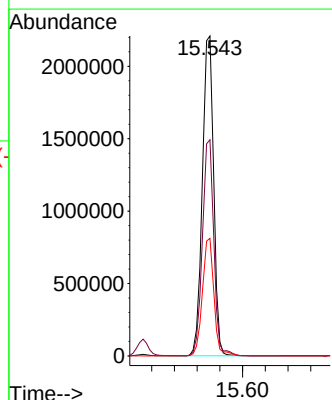
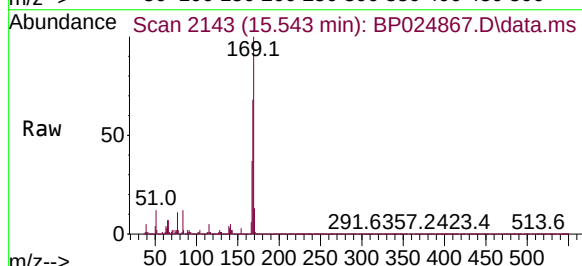
Tgt Ion:169 Resp: 3044661

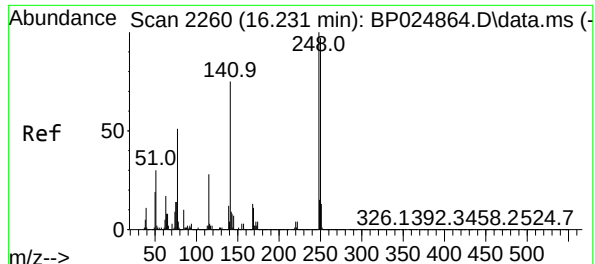
Ion Ratio Lower Upper

169 100

168 67.5 53.0 79.6

167 36.7 28.6 43.0

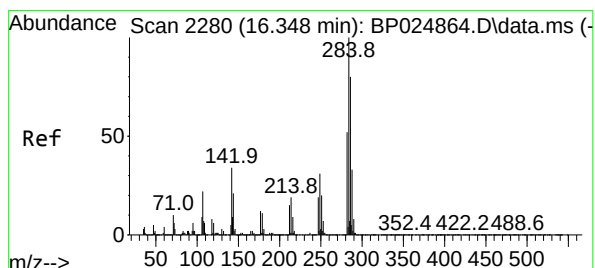
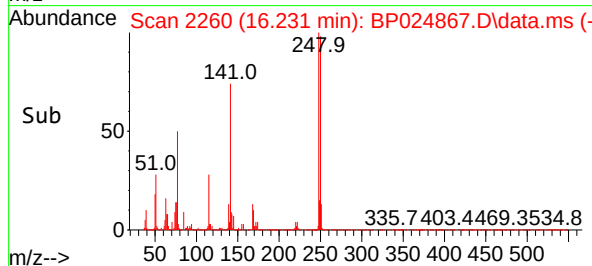
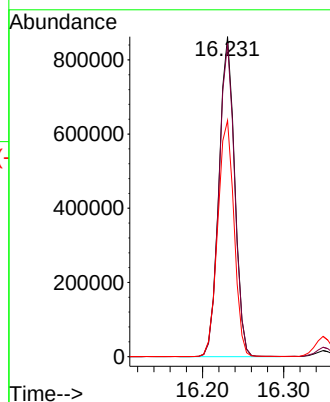
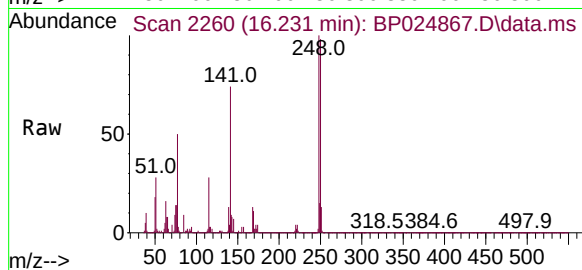




#67
4-Bromophenyl-phenylether
Concen: 80.026 ng
RT: 16.231 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

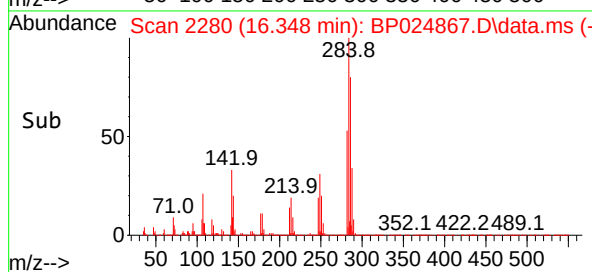
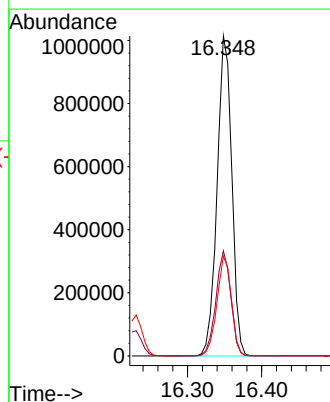
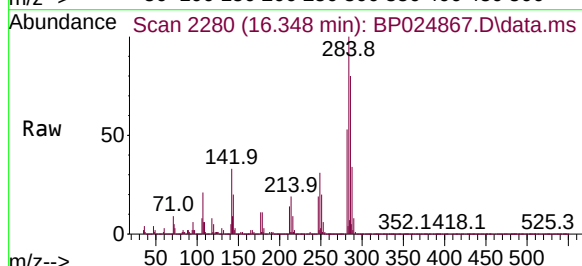
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

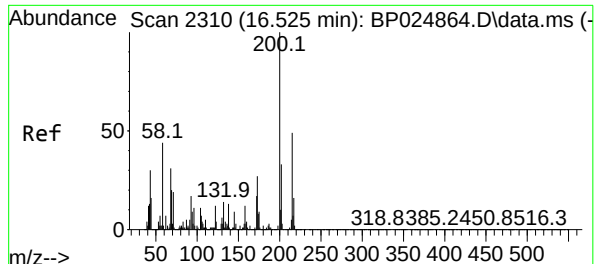
Tgt Ion:248 Resp: 1157878
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 73.8 59.9 89.9



#68
Hexachlorobenzene
Concen: 79.535 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:284 Resp: 1395074
Ion Ratio Lower Upper
284 100
142 32.8 27.0 40.6
249 31.2 25.0 37.6

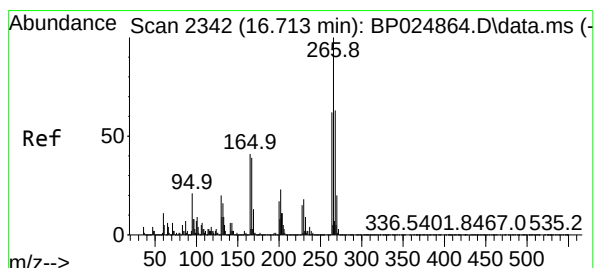
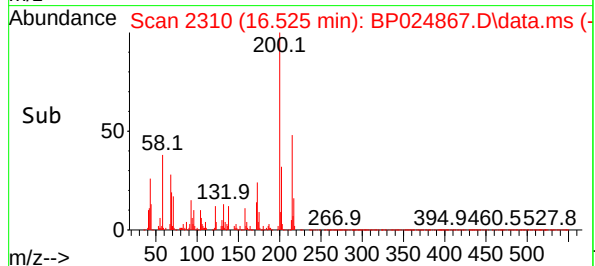
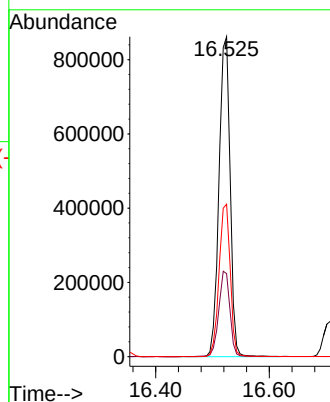
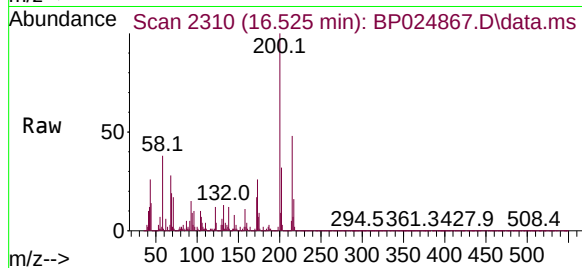




#69
Atrazine
Concen: 81.114 ng
RT: 16.525 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

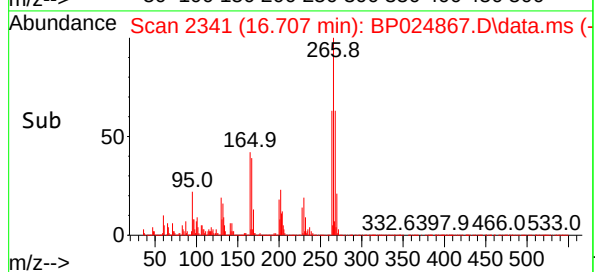
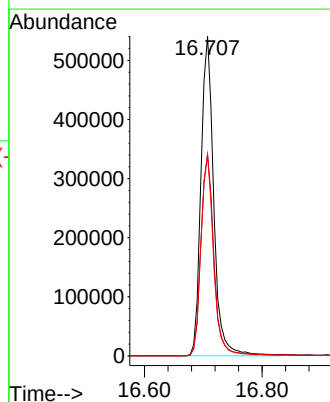
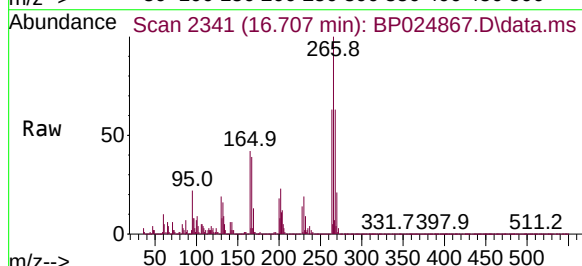
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

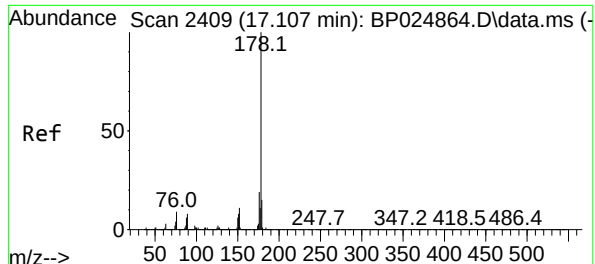
Tgt Ion:200 Resp: 1168753
Ion Ratio Lower Upper
200 100
173 25.9 6.9 46.9
215 47.6 28.7 68.7



#70
Pentachlorophenol
Concen: 90.003 ng
RT: 16.707 min Scan# 2341
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:266 Resp: 817045
Ion Ratio Lower Upper
266 100
268 62.9 50.6 76.0
264 63.0 49.7 74.5

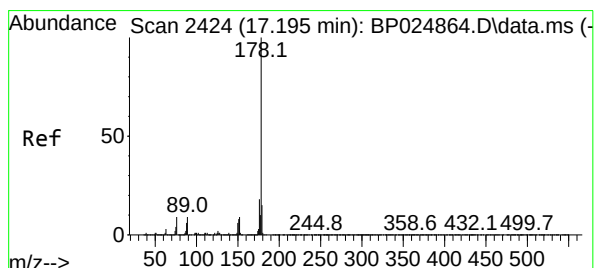
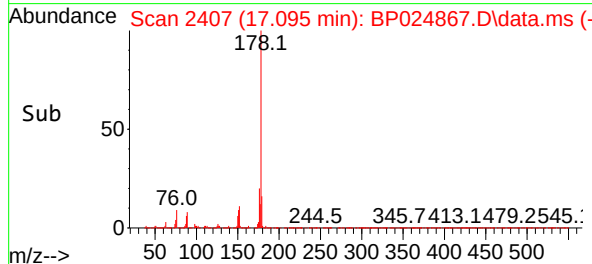
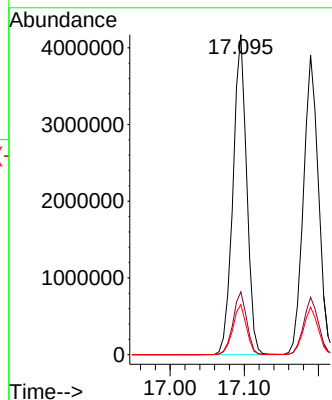
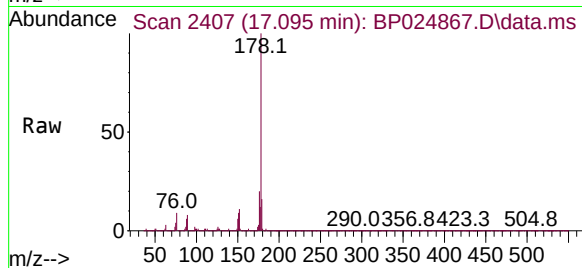




#71
Phenanthrene
Concen: 75.365 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

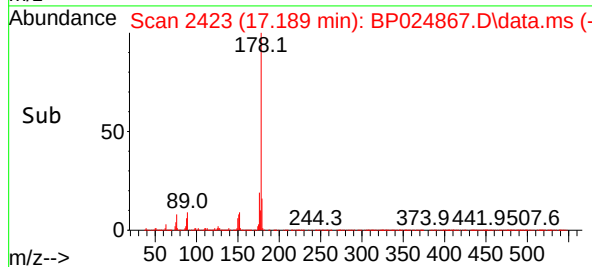
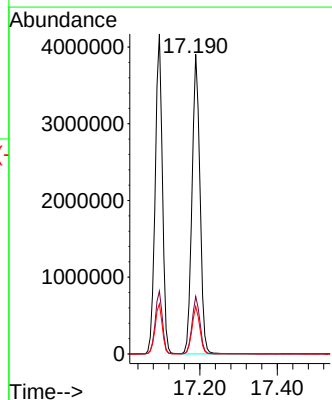
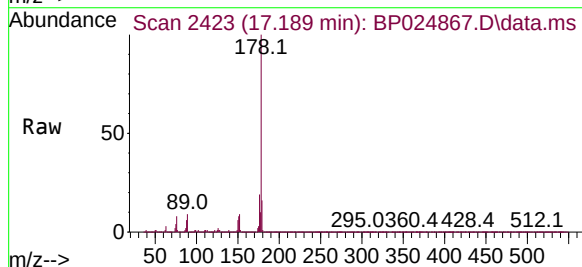
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

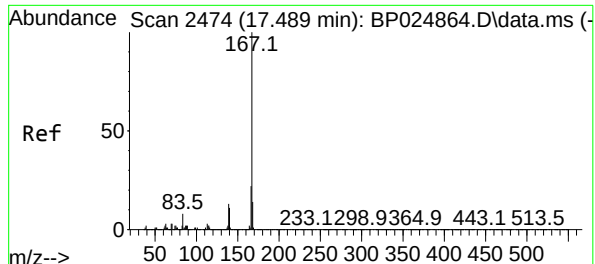
Tgt Ion:178 Resp: 5340604
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.6 12.1 18.1



#72
Anthracene
Concen: 77.415 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:178 Resp: 5555906
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.8 12.3 18.5





#73

Carbazole

Concen: 77.661 ng

RT: 17.478 min Scan# 2472

Delta R.T. -0.012 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

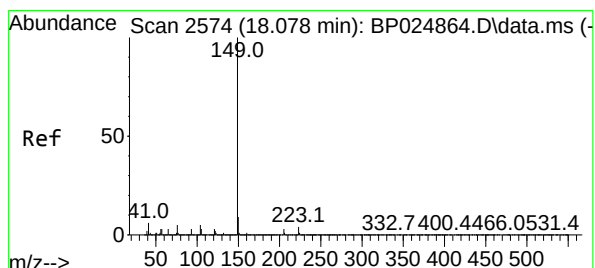
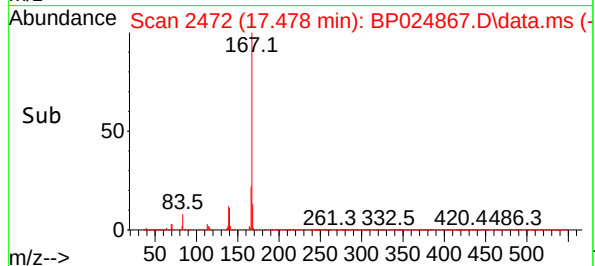
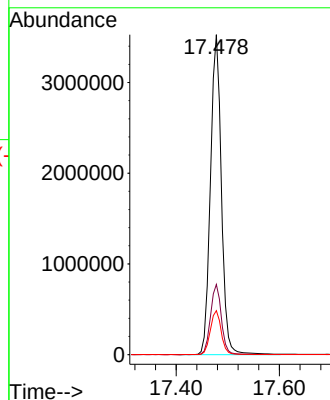
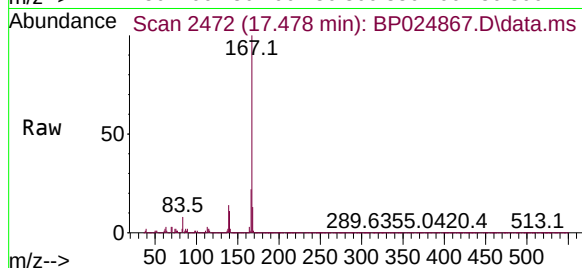
Tgt Ion:167 Resp: 5166153

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 79.879 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

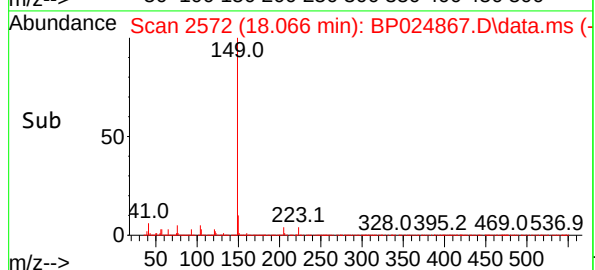
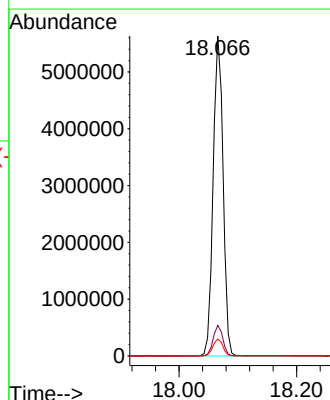
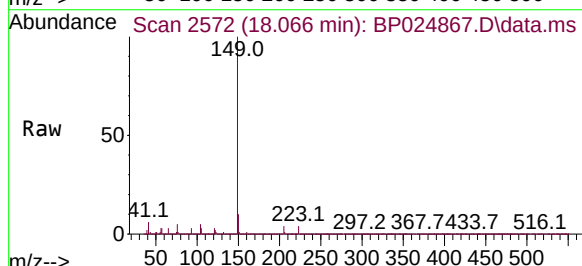
Tgt Ion:149 Resp: 6583572

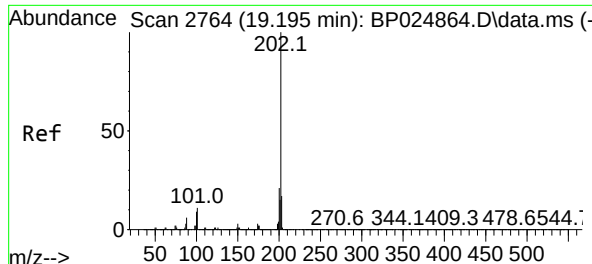
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.3 4.2 6.2

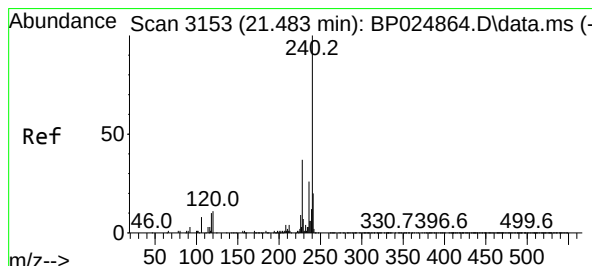
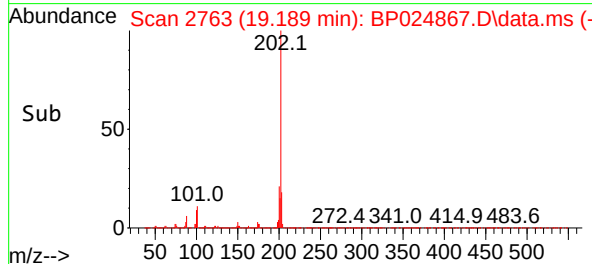
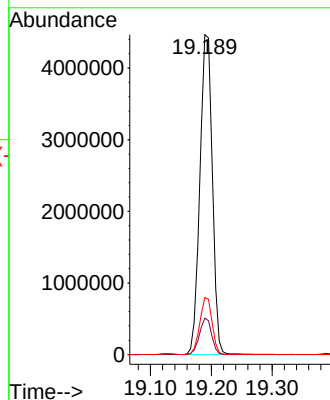
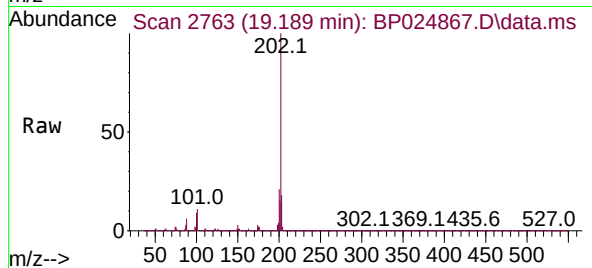




#75
Fluoranthene
Concen: 77.333 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

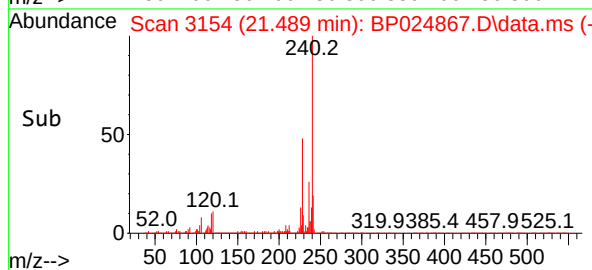
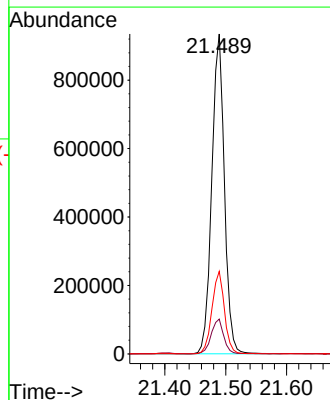
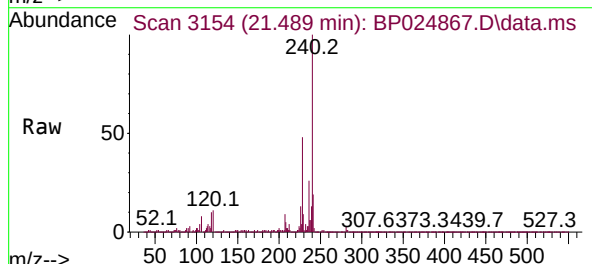
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

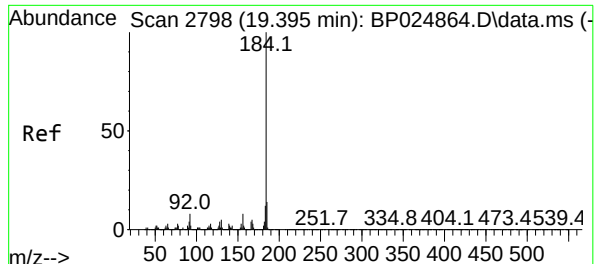
Tgt Ion:202 Resp: 6351620
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:240 Resp: 1346775
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 20.9 31.3

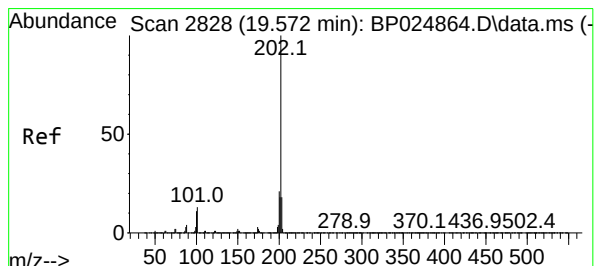
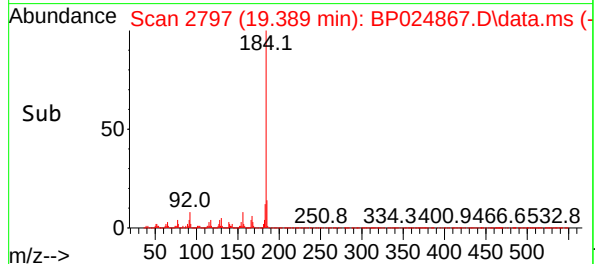
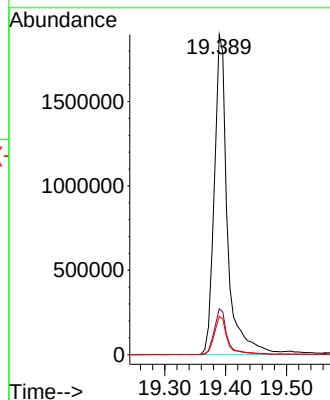
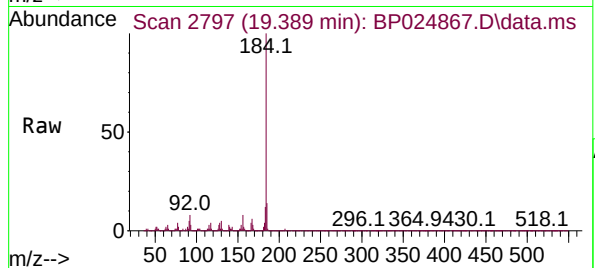




#77
Benzidine
Concen: 68.307 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

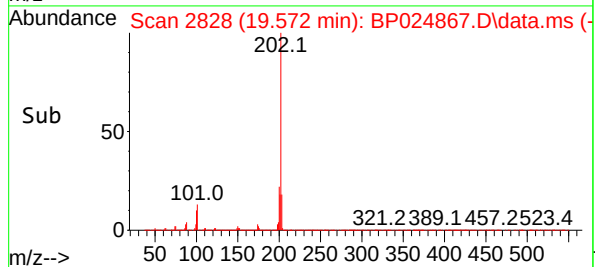
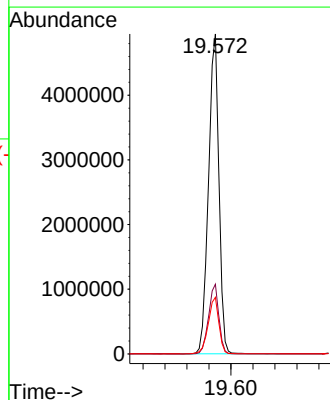
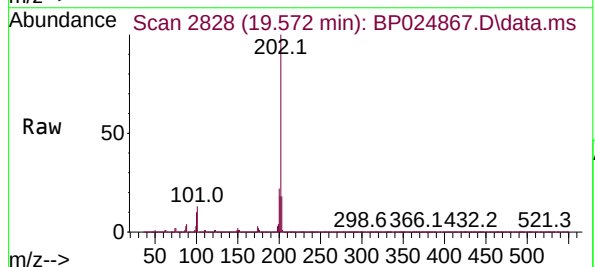
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

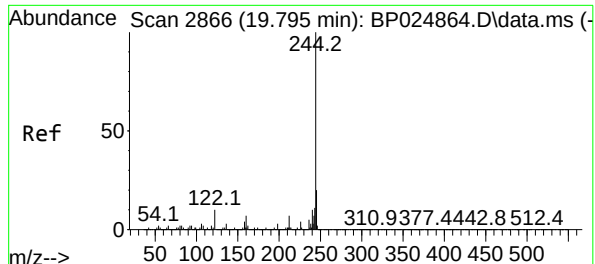
Tgt Ion:184 Resp: 2849177
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 77.229 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:202 Resp: 6497989
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.7 14.0 21.0

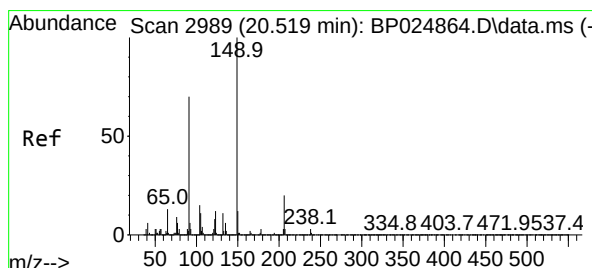
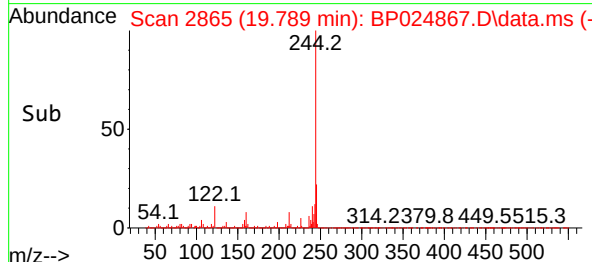
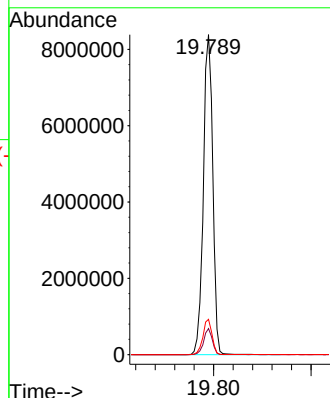
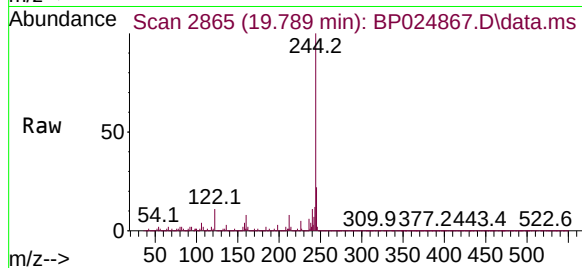




#79
Terphenyl-d14
Concen: 148.975 ng
RT: 19.789 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

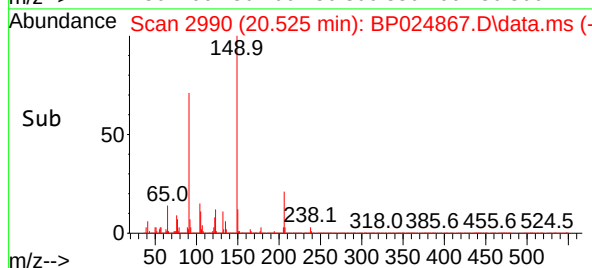
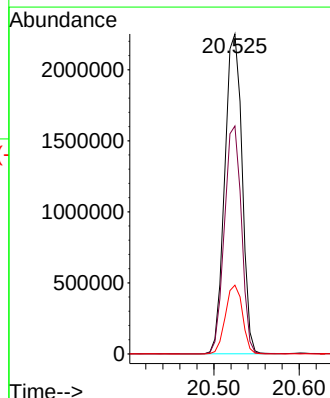
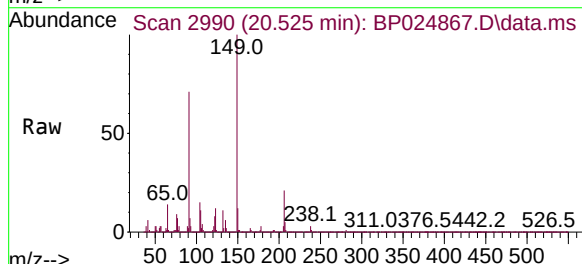
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

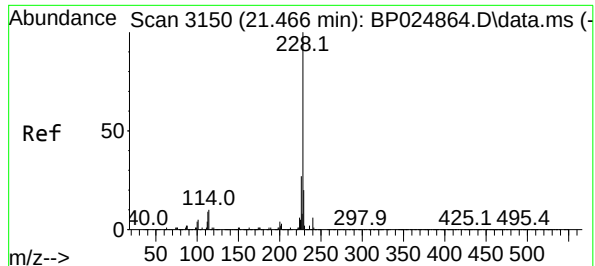
Tgt Ion:244 Resp:11194678
Ion Ratio Lower Upper
244 100
212 8.1 5.6 8.4
122 11.0 7.7 11.5



#80
Butylbenzylphthalate
Concen: 82.388 ng
RT: 20.525 min Scan# 2990
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 3175233
Ion Ratio Lower Upper
149 100
91 71.2 55.8 83.8
206 21.5 16.2 24.2

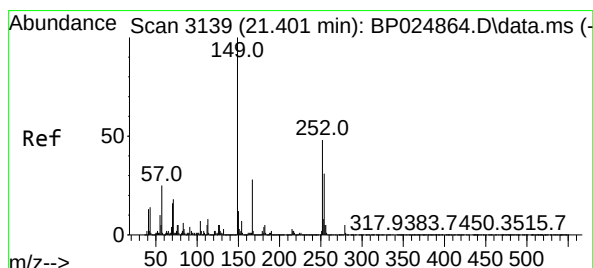
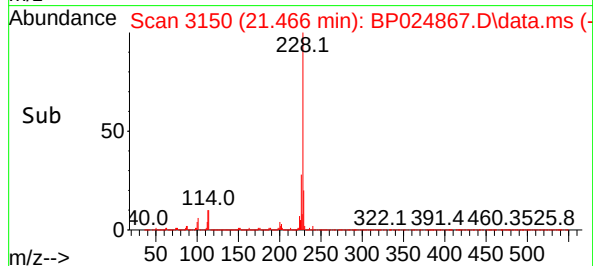
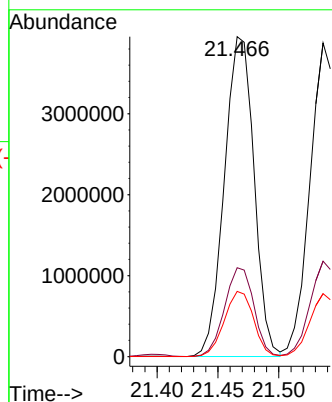
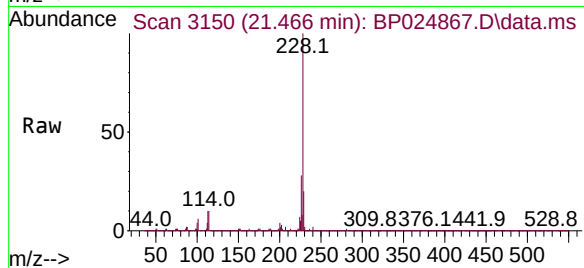




#81
Benzo(a)anthracene
Concen: 77.741 ng
RT: 21.466 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

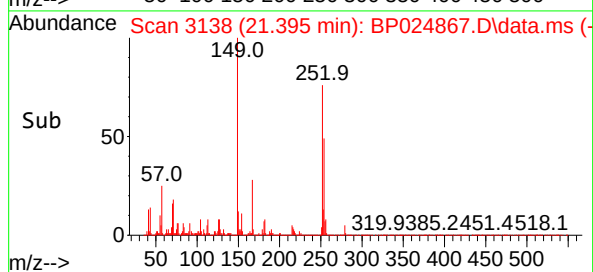
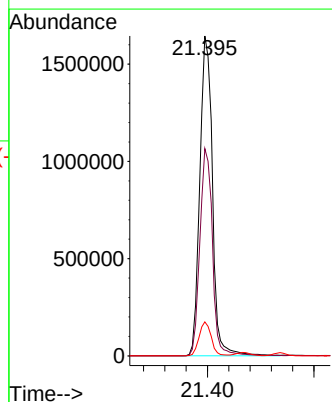
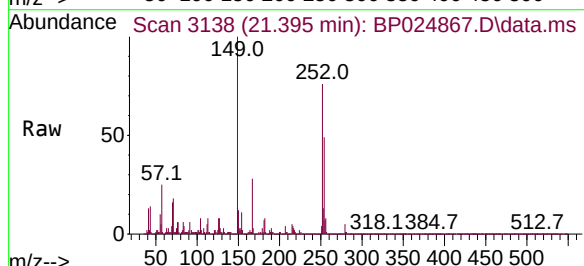
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

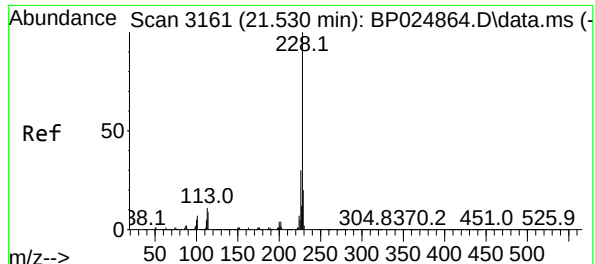
Tgt Ion:228 Resp: 6696396
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.4 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 78.907 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:252 Resp: 2698352
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 10.6 8.6 12.8

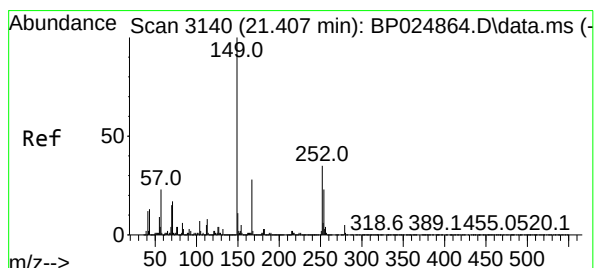
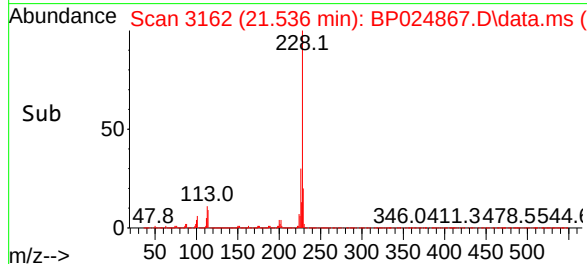
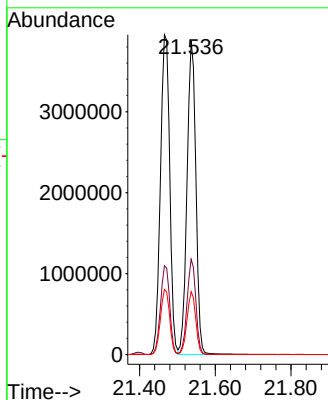
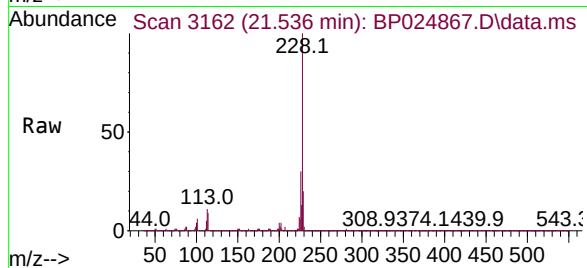




#83
Chrysene
Concen: 77.125 ng
RT: 21.536 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

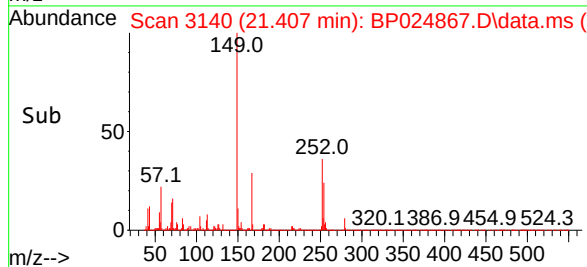
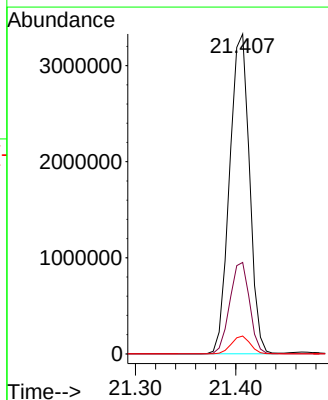
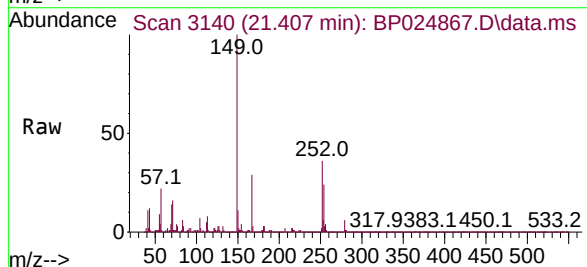
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

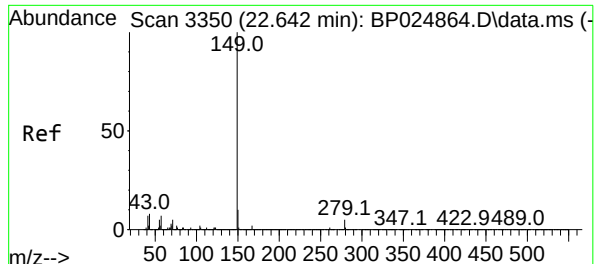
Tgt Ion:228 Resp: 6294743
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 20.1 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 82.917 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 4578538
Ion Ratio Lower Upper
149 100
167 28.6 22.2 33.4
279 5.6 4.0 6.0

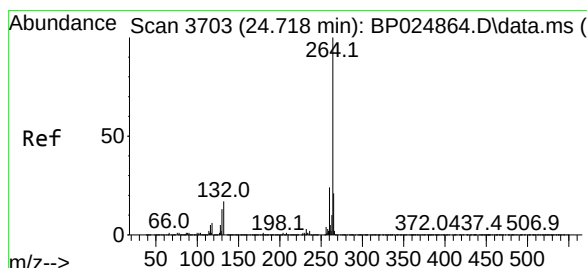
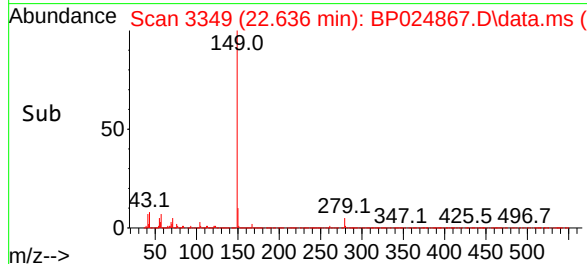
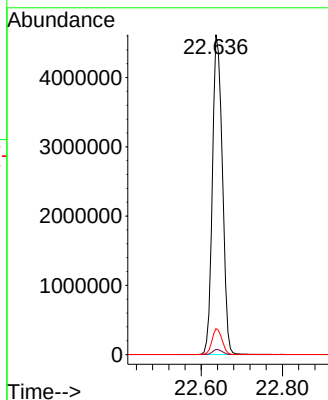
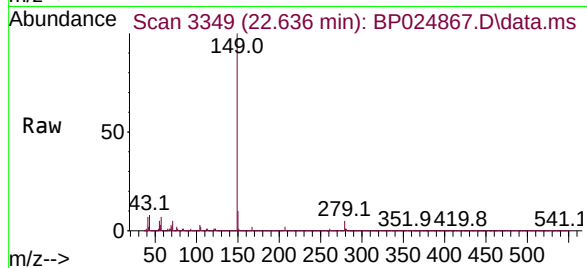




#85
Di-n-octyl phthalate
Concen: 81.539 ng
RT: 22.636 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

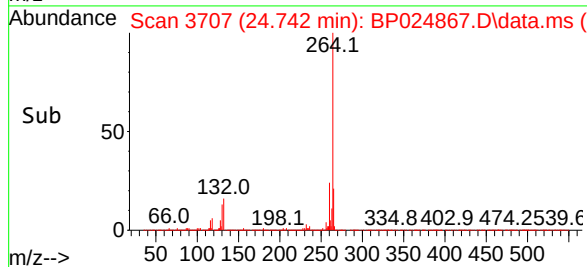
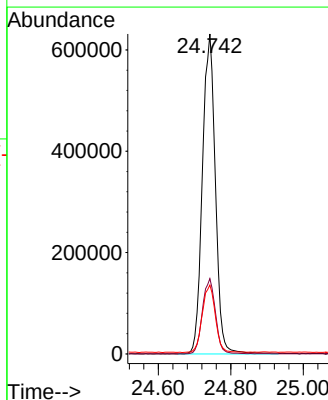
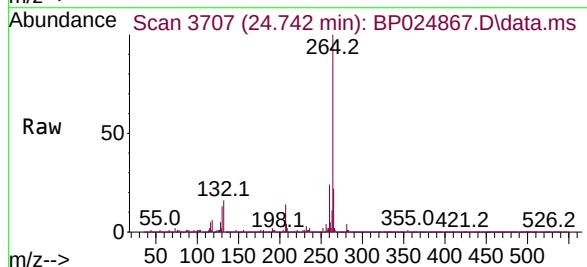
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

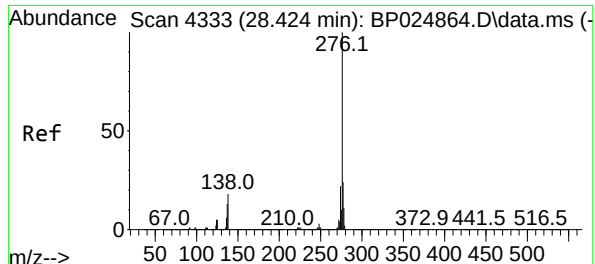
Tgt Ion:149 Resp: 7936082
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.024 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:264 Resp: 1568664
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 78.751 ng

RT: 28.424 min Scan# 4333

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

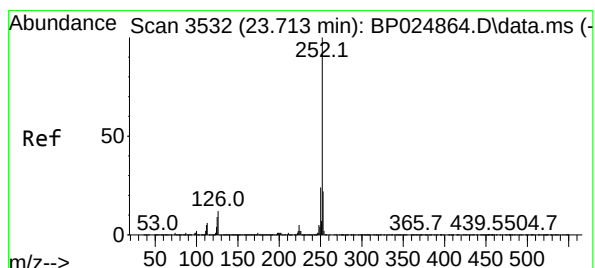
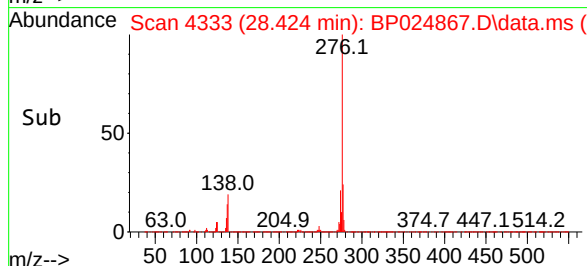
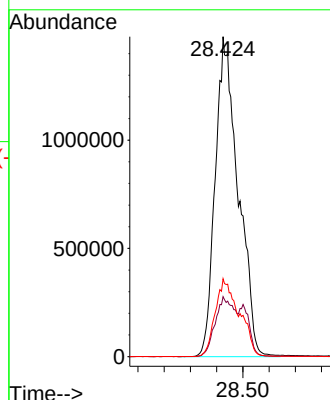
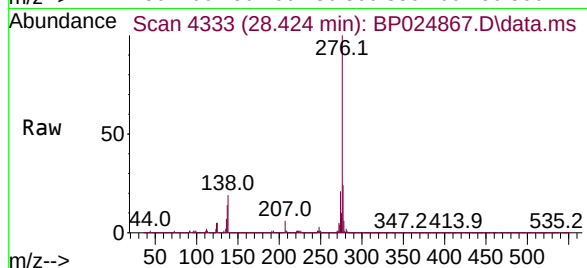
Tgt Ion:276 Resp: 9013339

Ion Ratio Lower Upper

276 100

138 16.1 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 79.224 ng

RT: 23.713 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

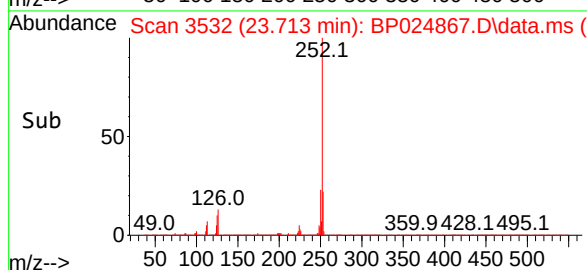
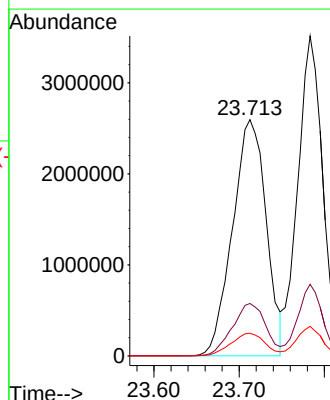
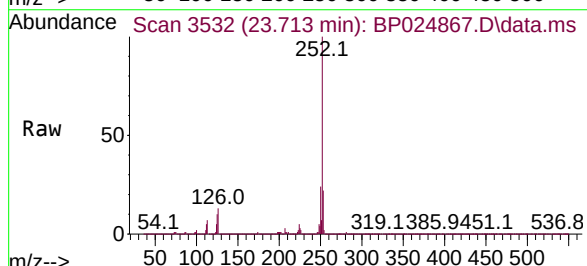
Tgt Ion:252 Resp: 7112180

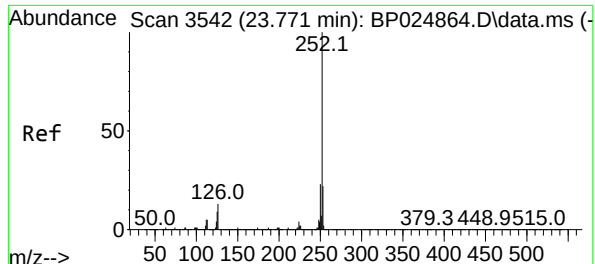
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 78.564 ng

RT: 23.783 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

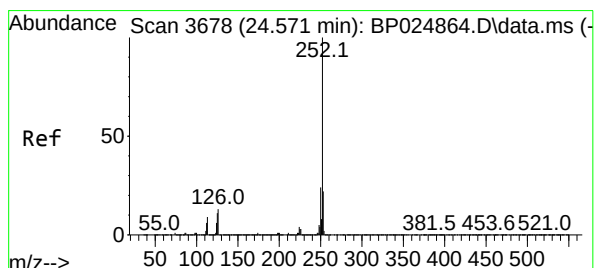
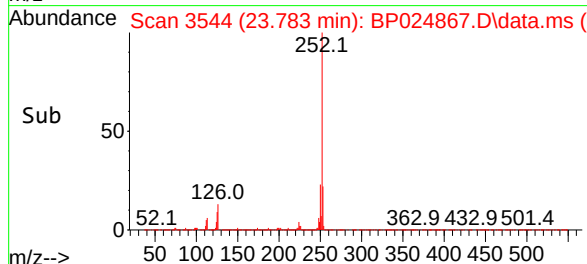
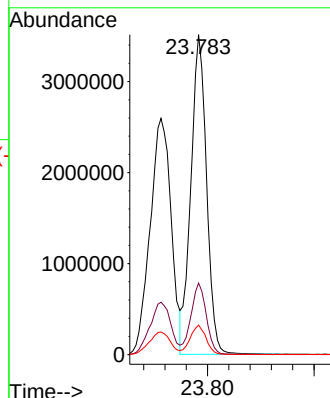
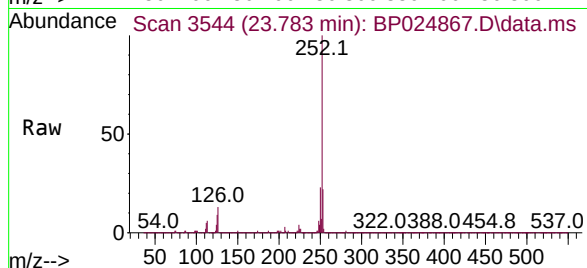
Tgt Ion:252 Resp: 7179421

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 79.653 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.024 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

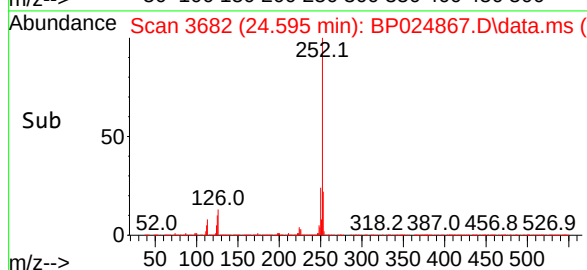
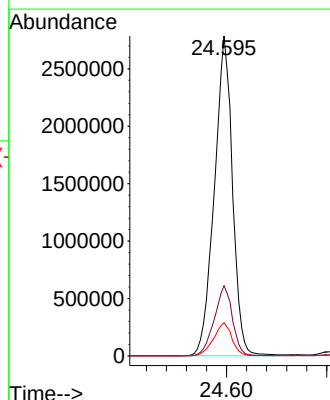
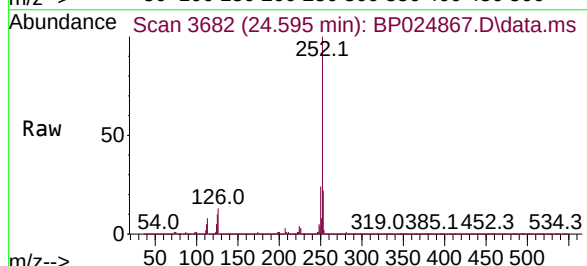
Tgt Ion:252 Resp: 6983429

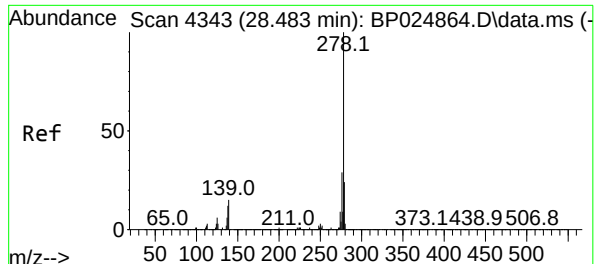
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 78.965 ng

RT: 28.501 min Scan# 4343

Delta R.T. 0.018 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

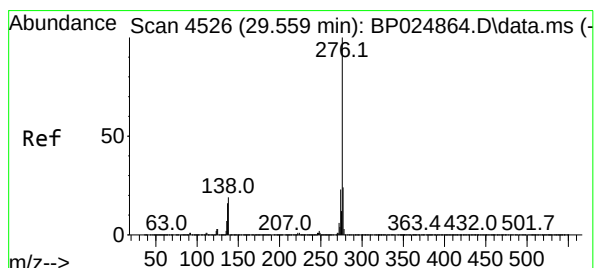
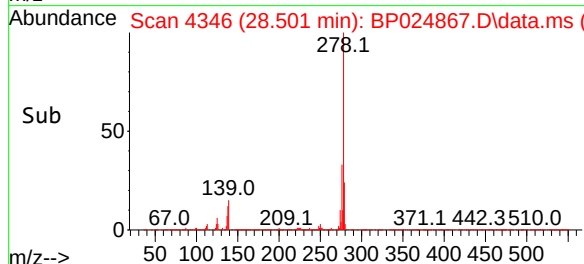
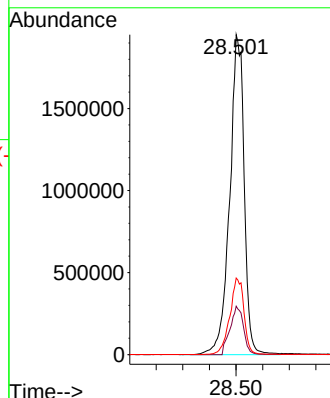
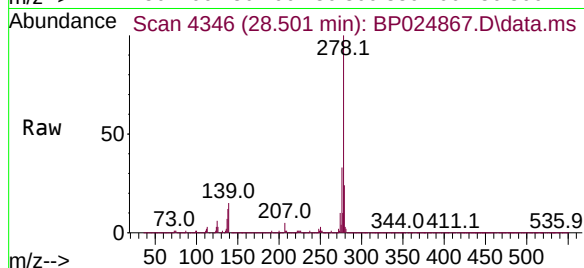
Tgt Ion:278 Resp: 7356566

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 78.545 ng

RT: 29.554 min Scan# 4525

Delta R.T. -0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

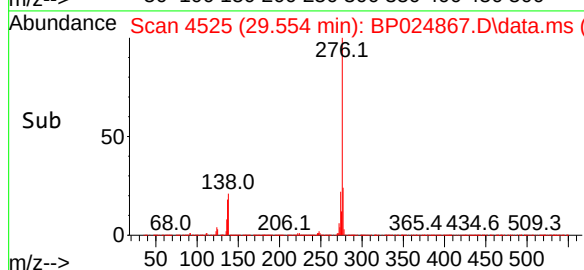
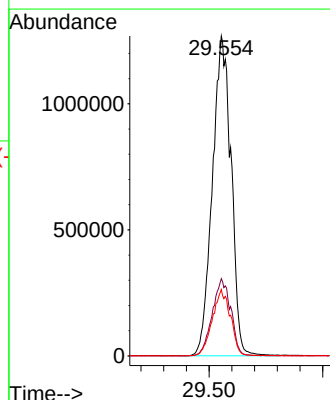
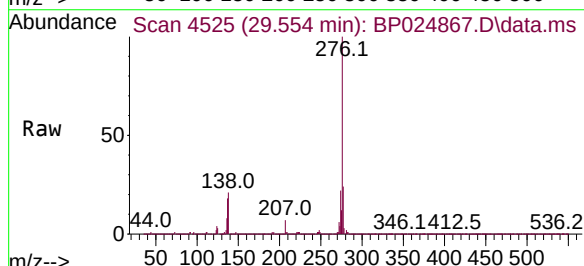
Tgt Ion:276 Resp: 7260298

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 20.7 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	259470	20.000	ng	-0.02
21) Naphthalene-d8	10.366	136	1129880	20.000	ng	-0.01
39) Acenaphthene-d10	14.248	164	734874	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1466437	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1557824	20.000	ng	0.00
86) Perylene-d12	24.736	264	1860226	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.231	112	1138471	73.239	ng	-0.01
7) Phenol-d6	6.802	99	1573129	76.488	ng	-0.01
23) Nitrobenzene-d5	8.749	82	1561363	67.150	ng	-0.01
42) 2,4,6-Tribromophenol	15.778	330	743311	73.160	ng	0.00
45) 2-Fluorobiphenyl	12.848	172	3405857	62.434	ng	-0.01
79) Terphenyl-d14	19.789	244	5436960	62.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	241705	35.338	ng	98
3) Pyridine	3.555	79	659477	40.092	ng	98
4) n-Nitrosodimethylamine	3.467	42	278482	41.411	ng	94
6) Aniline	6.937	93	1054913	40.192	ng	100
8) 2-Chlorophenol	7.172	128	687858	39.034	ng	97
9) Benzaldehyde	6.755	77	576121m	48.599	ng	
10) Phenol	6.825	94	845877	39.895	ng	98
11) bis(2-Chloroethyl)ether	7.031	93	656501	39.368	ng	99
12) 1,3-Dichlorobenzene	7.490	146	735256	37.402	ng	99
13) 1,4-Dichlorobenzene	7.631	146	742188	37.417	ng	99
14) 1,2-Dichlorobenzene	7.943	146	722064	37.071	ng	99
15) Benzyl Alcohol	7.843	79	644939	40.859	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	849644	38.927	ng	98
17) 2-Methylphenol	8.055	107	591959	39.981	ng	98
18) Hexachloroethane	8.660	117	277433	37.151	ng	98
19) n-Nitroso-di-n-propyla...	8.402	70	559389	40.009	ng	99
20) 3+4-Methylphenols	8.384	107	797217	39.466	ng	99
22) Acetophenone	8.419	105	1100455	38.549	ng	# 99
24) Nitrobenzene	8.790	77	810932	39.258	ng	99
25) Isophorone	9.313	82	1576033	39.109	ng	99
26) 2-Nitrophenol	9.496	139	403179	39.558	ng	99
27) 2,4-Dimethylphenol	9.566	122	676106	38.761	ng	99
28) bis(2-Chloroethoxy)met...	9.784	93	921897	38.351	ng	99
29) 2,4-Dichlorophenol	10.043	162	653496	39.046	ng	99
30) 1,2,4-Trichlorobenzene	10.231	180	689288	36.514	ng	100
31) Naphthalene	10.413	128	2147539	37.089	ng	100
32) Benzoic acid	9.749	122	476446	40.420	ng	99
33) 4-Chloroaniline	10.543	127	960185	39.581	ng	99
34) Hexachlorobutadiene	10.696	225	413168	36.314	ng	100
35) Caprolactam	11.337	113	254008	41.229	ng	98
36) 4-Chloro-3-methylphenol	11.690	107	781340	40.474	ng	100
37) 2-Methylnaphthalene	12.037	142	1411483	38.430	ng	99
38) 1-Methylnaphthalene	12.254	142	1479329	37.674	ng	97
40) 1,2,4,5-Tetrachloroben...	12.413	216	774379	37.136	ng	100
41) Hexachlorocyclopentadiene	12.384	237	485560	38.177	ng	97
43) 2,4,6-Trichlorophenol	12.666	196	543521	38.812	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 17:28:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	585859	39.064	ng	99
46) 1,1'-Biphenyl	13.066	154	2002791	37.502	ng	99
47) 2-Chloronaphthalene	13.107	162	1514031	36.886	ng	100
48) 2-Nitroaniline	13.331	65	515024	40.813	ng	99
49) Acenaphthylene	13.966	152	2551023	37.274	ng	100
50) Dimethylphthalate	13.707	163	2015820	37.185	ng	99
51) 2,6-Dinitrotoluene	13.831	165	445393	38.111	ng	95
52) Acenaphthene	14.313	154	1469566	37.472	ng	98
53) 3-Nitroaniline	14.172	138	492714	40.626	ng	100
54) 2,4-Dinitrophenol	14.401	184	266900	38.197	ng	98
55) Dibenzofuran	14.660	168	2304340	36.605	ng	98
56) 4-Nitrophenol	14.531	139	362887	38.363	ng	94
57) 2,4-Dinitrotoluene	14.637	165	636513	38.936	ng	99
58) Fluorene	15.319	166	1883765	37.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	514561	38.401	ng	100
60) Diethylphthalate	15.101	149	2033664	37.642	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	915384	36.814	ng	98
62) 4-Nitroaniline	15.366	138	464418	42.233	ng	99
63) Azobenzene	15.619	77	1893664	38.217	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	375376	38.956	ng	97
66) n-Nitrosodiphenylamine	15.542	169	1674745	36.846	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	593842	35.890	ng	98
68) Hexachlorobenzene	16.348	284	725771	36.182	ng	100
69) Atrazine	16.531	200	611440	37.108	ng	99
70) Pentachlorophenol	16.719	266	407441	39.247	ng	99
71) Phenanthrene	17.107	178	2965530	36.595	ng	99
72) Anthracene	17.207	178	3028697	36.903	ng	99
73) Carbazole	17.489	167	2872120	37.755	ng	100
74) Di-n-butylphthalate	18.072	149	3440228	36.500	ng	100
75) Fluoranthene	19.195	202	3413021	36.337	ng	100
77) Benzidine	19.395	184	2156506	44.696	ng	100
78) Pyrene	19.572	202	3527120	36.241	ng	99
80) Butylbenzylphthalate	20.519	149	1664895	37.347	ng	99
81) Benzo(a)anthracene	21.472	228	3660732	36.741	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1487801	37.613	ng	98
83) Chrysene	21.536	228	3438391	36.421	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2365859	37.041	ng	100
85) Di-n-octyl phthalate	22.642	149	4126479	36.654	ng	100
87) Indeno(1,2,3-cd)pyrene	28.436	276	5100289	37.578	ng	100
88) Benzo(b)fluoranthene	23.718	252	3910900	36.735	ng	99
89) Benzo(k)fluoranthene	23.795	252	3904662	36.032	ng	100
90) Benzo(a)pyrene	24.595	252	3839776	36.932	ng	100
91) Dibenzo(a,h)anthracene	28.501	278	4123111	37.321	ng	99
92) Benzo(g,h,i)perylene	29.577	276	4097986	37.385	ng	99

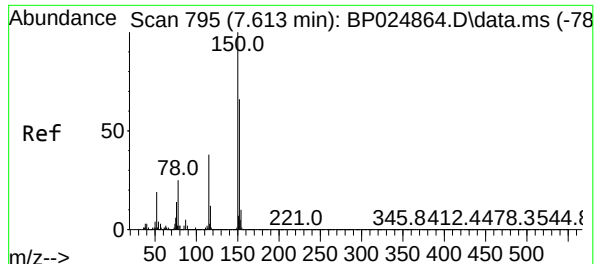
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Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

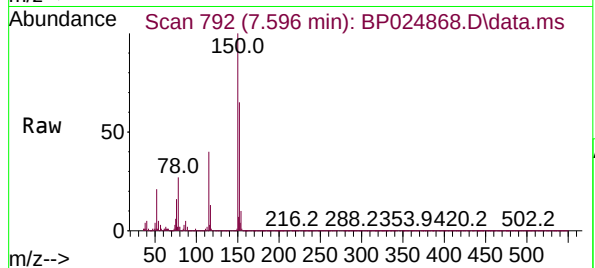
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jaagrut Upadhyay 06/09/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.596 min Scan# 795
Delta R.T. -0.017 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

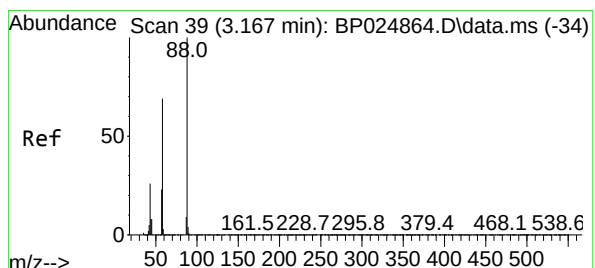
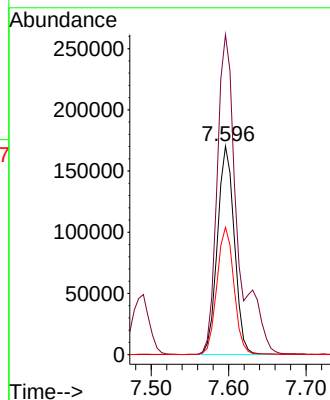
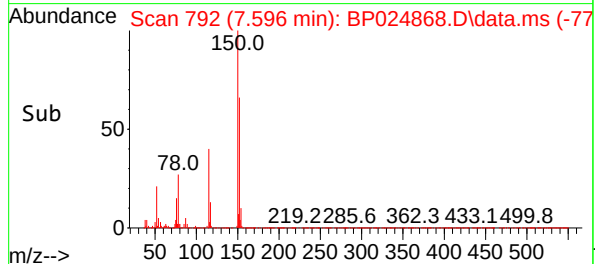
Instrument :
BNA_P
Client Sample Id :
ICVBP060625



Tgt Ion: 152 Resp: 259470
Ion Ratio Lower Upper
152 100
150 153.4 122.1 183.1
115 61.0 46.4 69.6

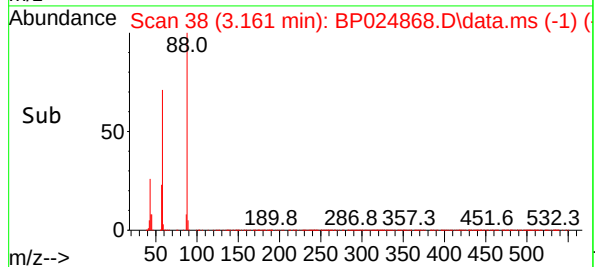
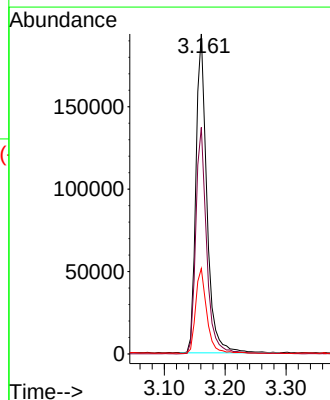
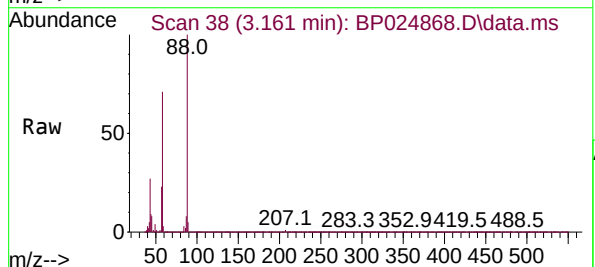
Manual Integrations
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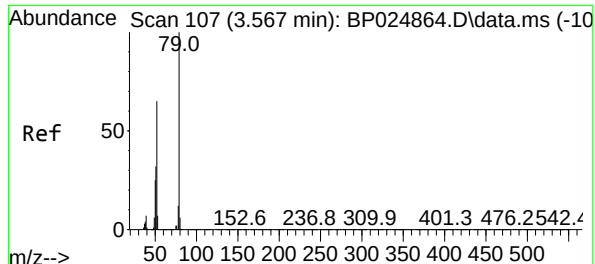
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 35.338 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

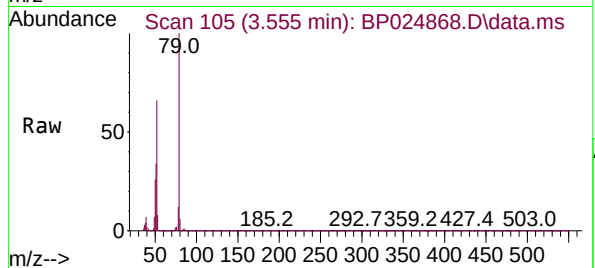
Tgt Ion: 88 Resp: 241705
Ion Ratio Lower Upper
88 100
58 71.0 55.4 83.0
43 27.0 20.8 31.2





#3
Pyridine
Concen: 40.092 ng
RT: 3.555 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

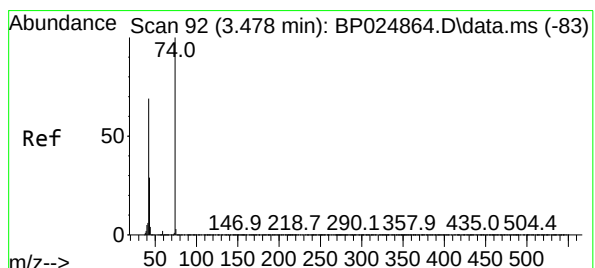
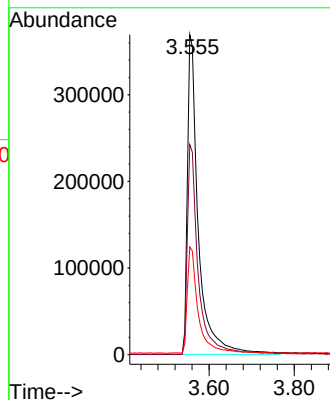
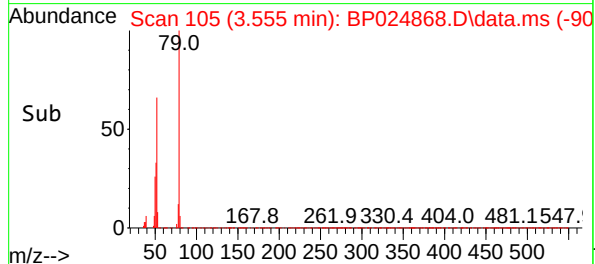
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 79 Resp: 65947
Ion Ratio Lower Upper
79 100
52 65.6 51.6 77.4
51 33.6 25.5 38.3

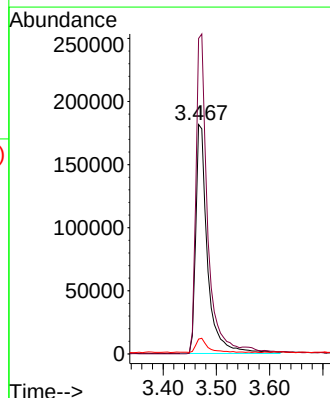
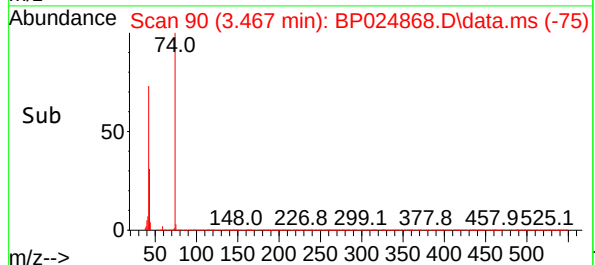
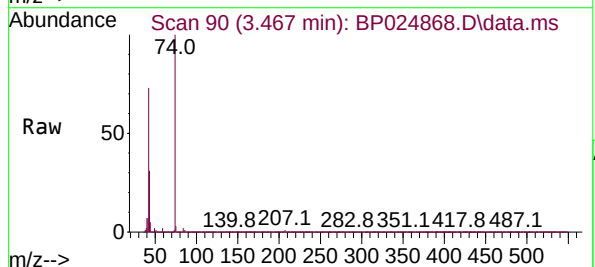
Manual Integrations
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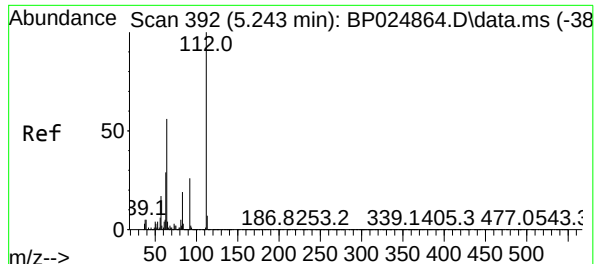
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#4
n-Nitrosodimethylamine
Concen: 41.411 ng
RT: 3.467 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 42 Resp: 278482
Ion Ratio Lower Upper
42 100
74 137.6 116.6 174.8
44 6.4 5.4 8.0





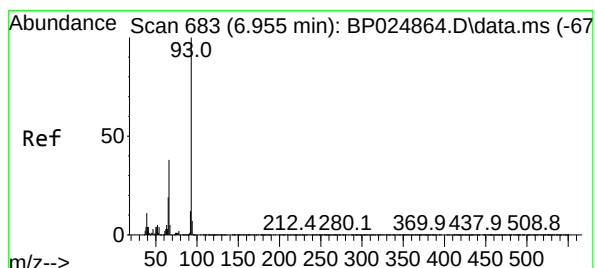
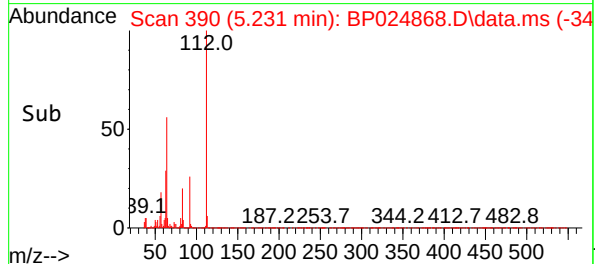
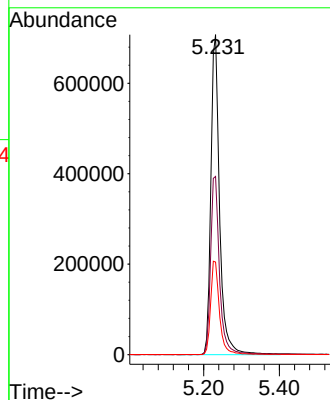
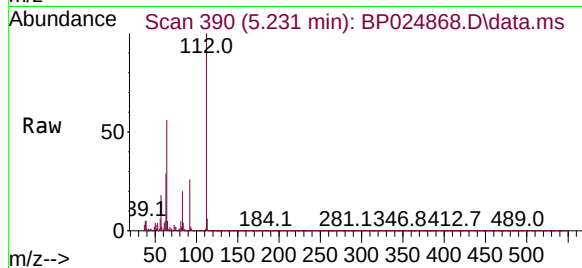
#5
2-Fluorophenol
Concen: 73.239 ng
RT: 5.231 min Scan# 39
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:112 Resp: 113847
Ion Ratio Lower Upper
112 100
64 55.7 44.7 67.1
63 28.9 23.5 35.3

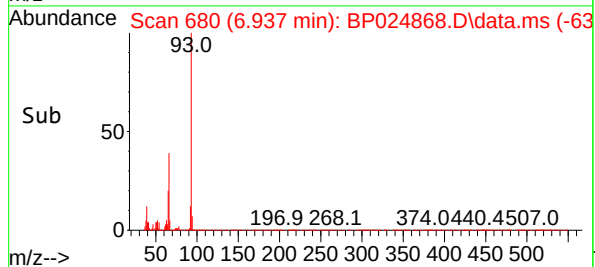
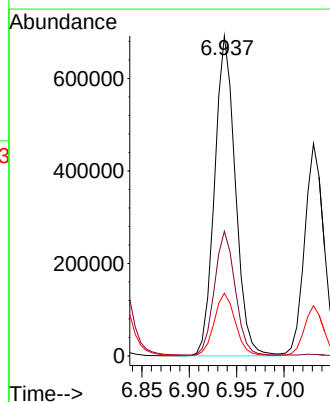
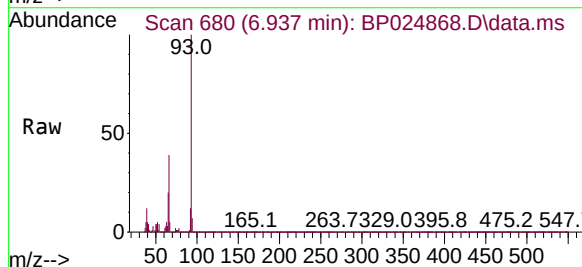
Manual Integrations
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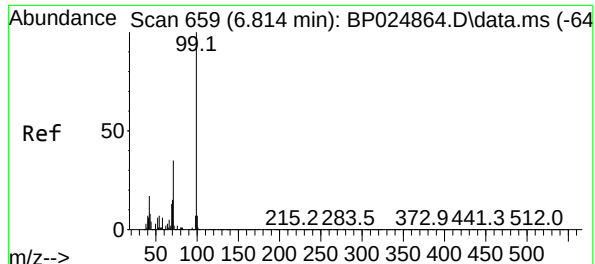
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#6
Aniline
Concen: 40.192 ng
RT: 6.937 min Scan# 680
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 93 Resp: 1054913
Ion Ratio Lower Upper
93 100
66 38.9 30.9 46.3
65 19.6 15.5 23.3





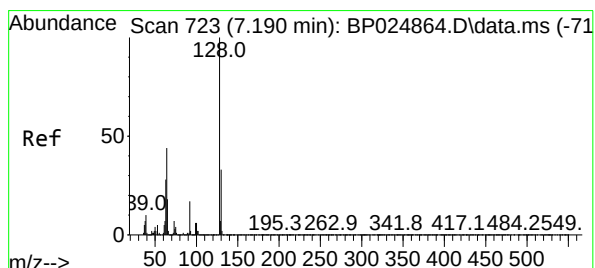
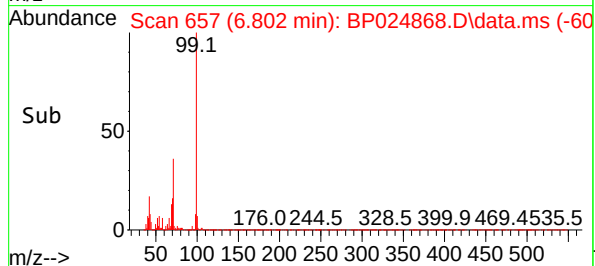
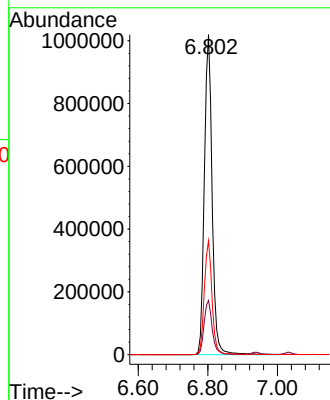
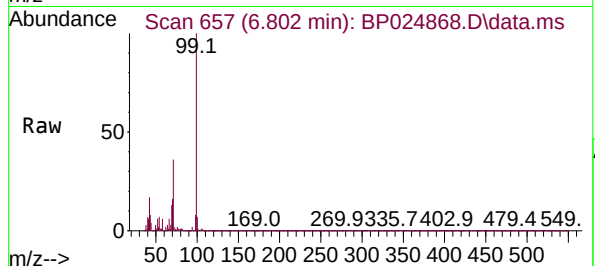
#7
Phenol-d6
Concen: 76.488 ng
RT: 6.802 min Scan# 659
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
Client Sample Id :
ICVBP060625

Tgt Ion: 99 Resp: 1573129
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.2
71 35.6 27.6 41.4

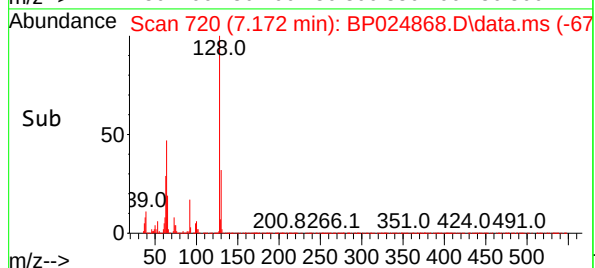
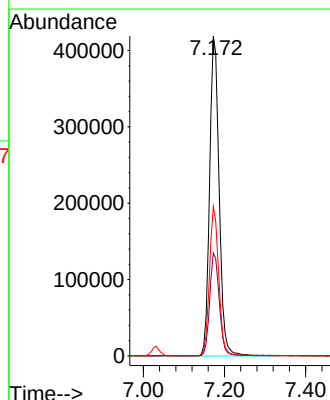
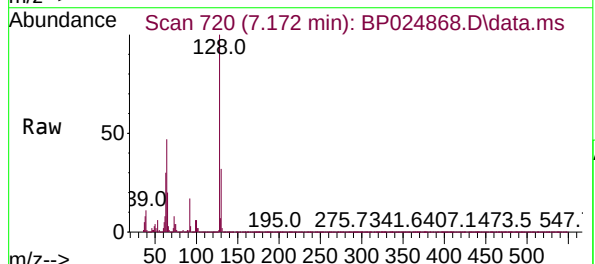
Manual Integrations
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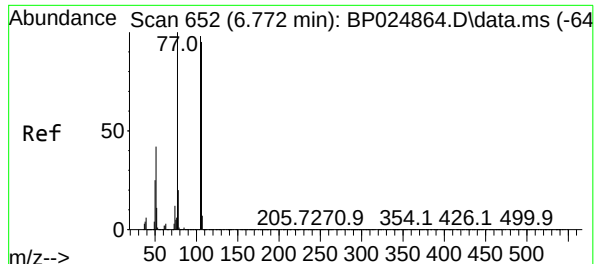
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#8
2-Chlorophenol
Concen: 39.034 ng
RT: 7.172 min Scan# 720
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:128 Resp: 687858
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 46.7 24.1 64.1





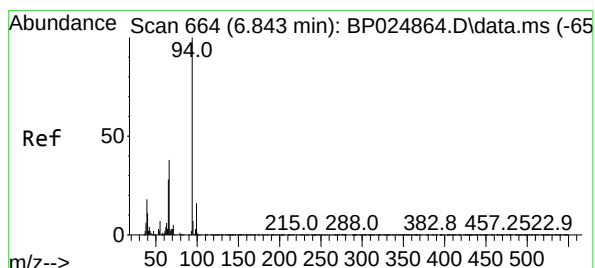
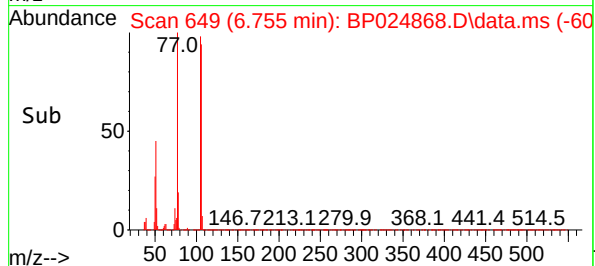
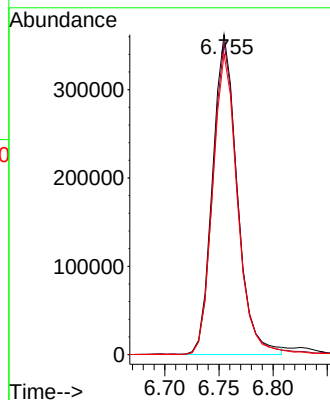
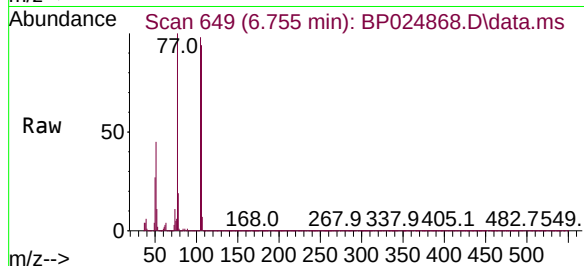
#9
Benzaldehyde
Concen: 48.599 ng m
RT: 6.755 min Scan# 649
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion: 77 Resp: 57612
Ion Ratio Lower Upper
77 100
105 97.5 77.7 117.7
106 93.9 74.8 114.8

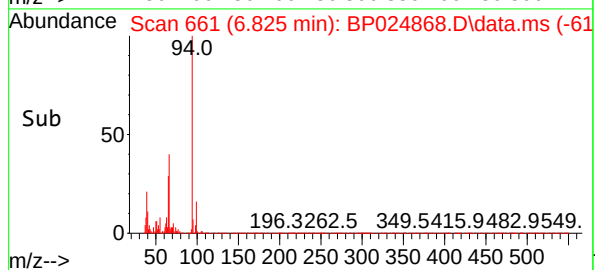
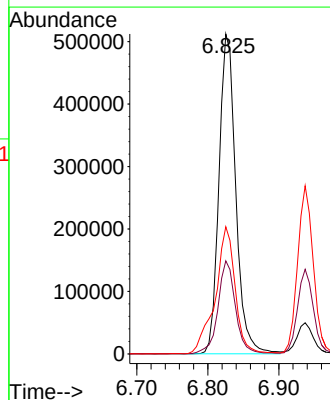
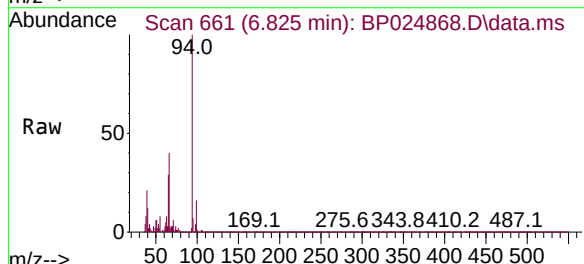
Manual Integrations
APPROVED

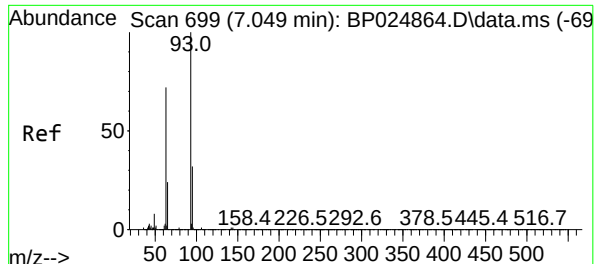
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 39.895 ng
RT: 6.825 min Scan# 661
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 94 Resp: 845877
Ion Ratio Lower Upper
94 100
65 29.1 8.3 48.3
66 39.7 18.2 58.2





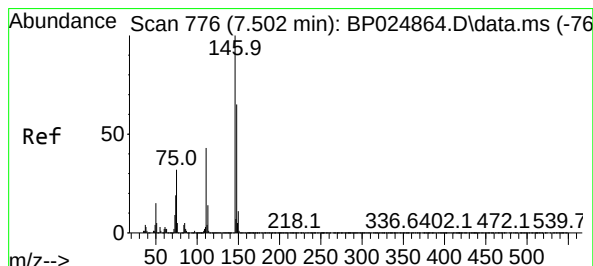
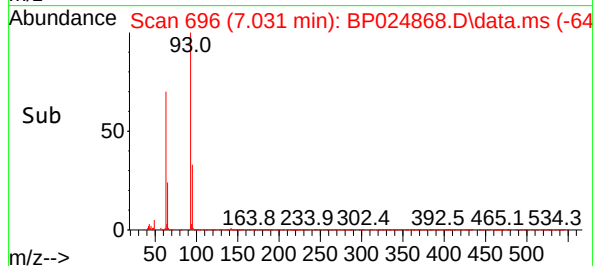
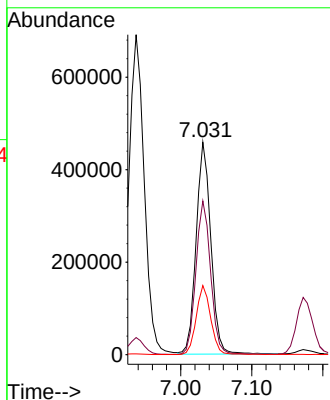
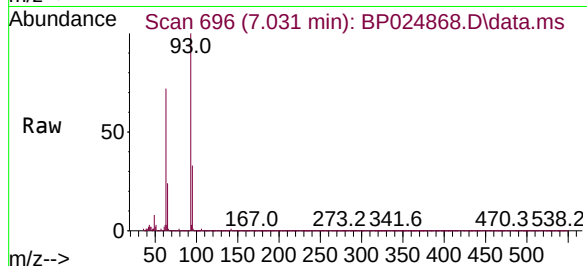
#11
bis(2-Chloroethyl)ether
Concen: 39.368 ng
RT: 7.031 min Scan# 699
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion: 93 Resp: 656501
Ion Ratio Lower Upper
93 100
63 72.4 51.6 91.6
95 32.5 12.1 52.1

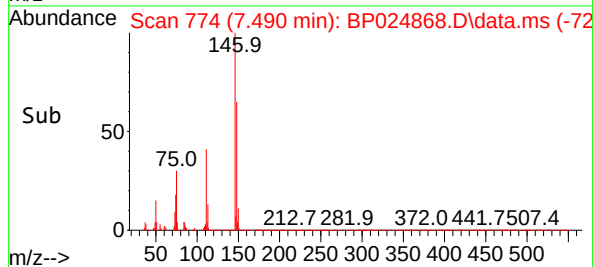
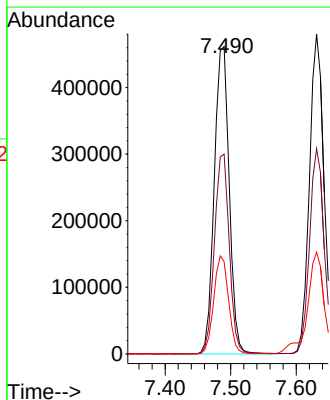
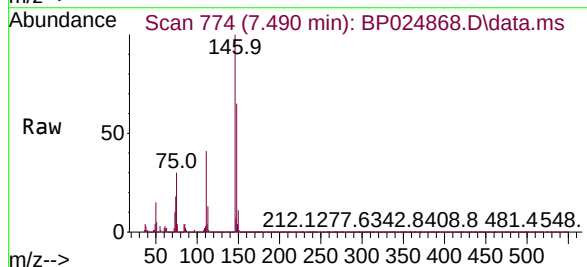
Manual Integrations
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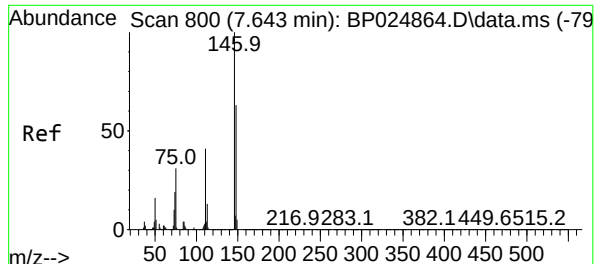
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#12
1,3-Dichlorobenzene
Concen: 37.402 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:146 Resp: 735256
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 30.0 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 37.417 ng

RT: 7.631 min Scan# 79

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:146 Resp: 742188

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

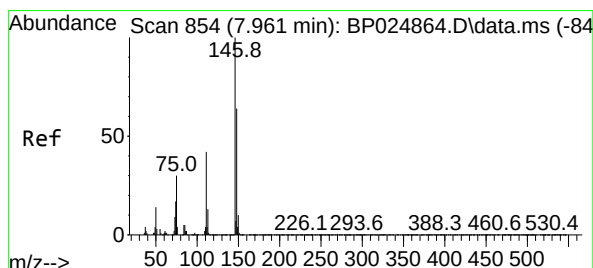
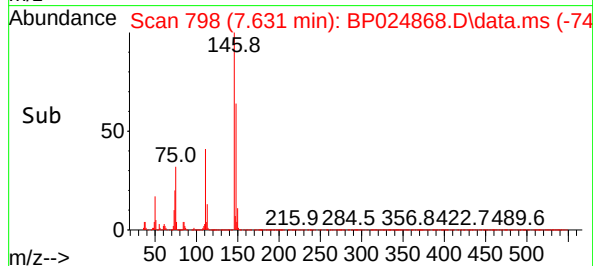
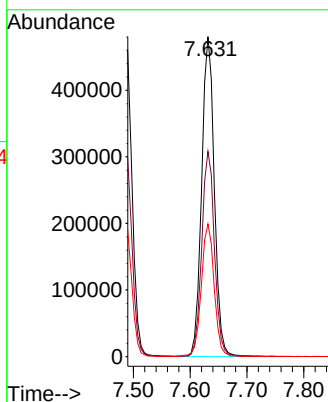
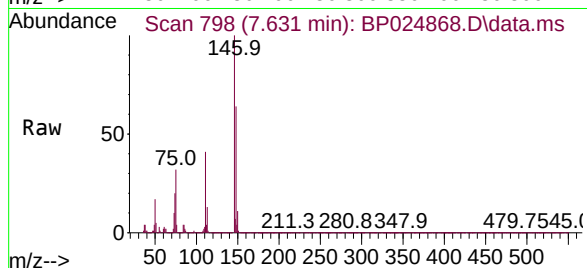
111 41.4 32.7 49.1

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 37.071 ng

RT: 7.943 min Scan# 851

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

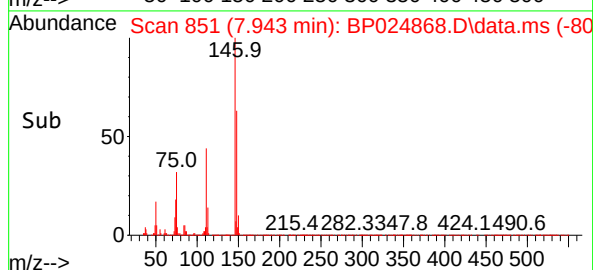
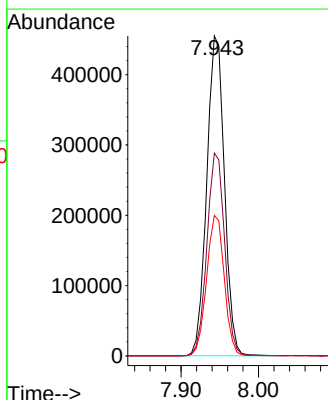
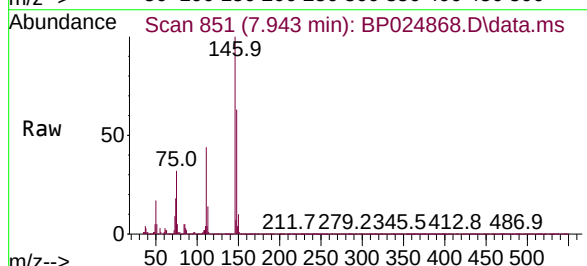
Tgt Ion:146 Resp: 722064

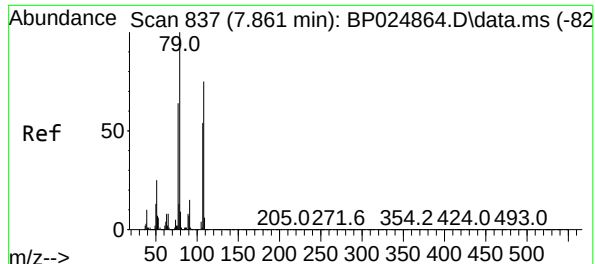
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

111 43.9 33.8 50.8





#15

Benzyl Alcohol

Concen: 40.859 ng

RT: 7.843 min Scan# 834

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

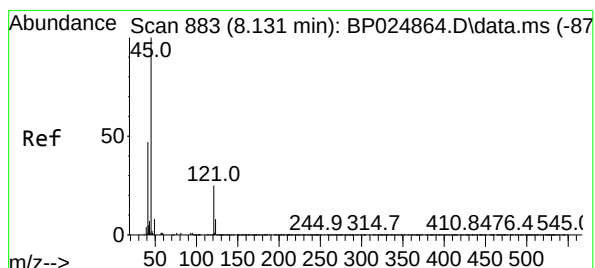
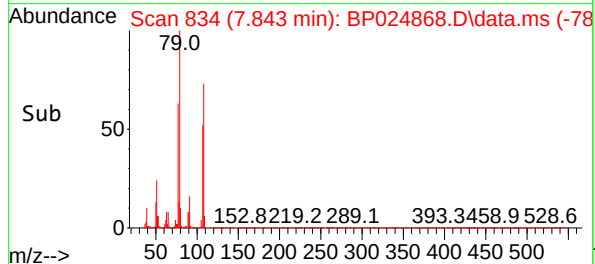
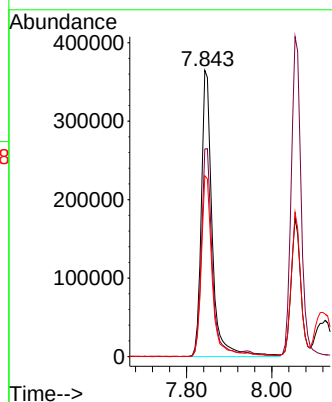
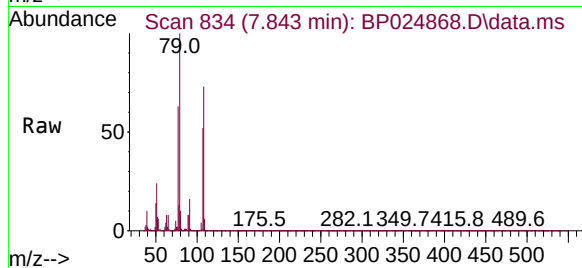
ICVBP060625

Tgt Ion: 79	Resp: 644939
Ion Ratio	Lower Upper
79	100
108	72.6 60.2 90.4
77	63.2 51.2 76.8

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Supervised By :Jagrut Upadhyay 06/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.927 ng

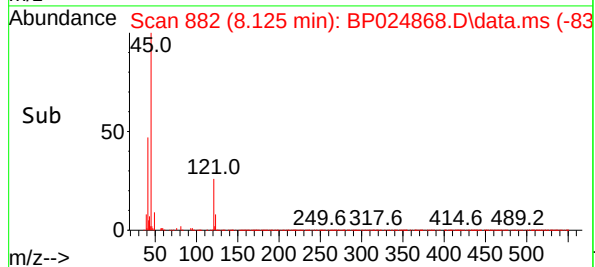
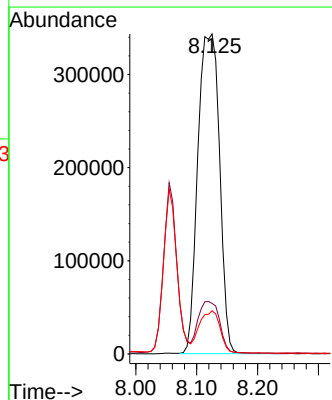
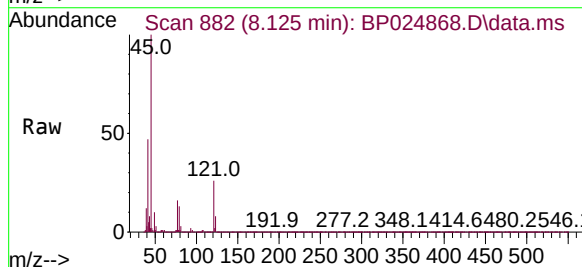
RT: 8.125 min Scan# 882

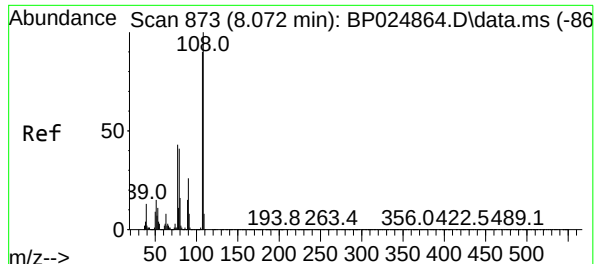
Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion: 45	Resp: 849644
Ion Ratio	Lower Upper
45	100
77	15.8 0.0 36.3
79	13.5 0.0 32.2





#17

2-Methylphenol

Concen: 39.981 ng

RT: 8.055 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

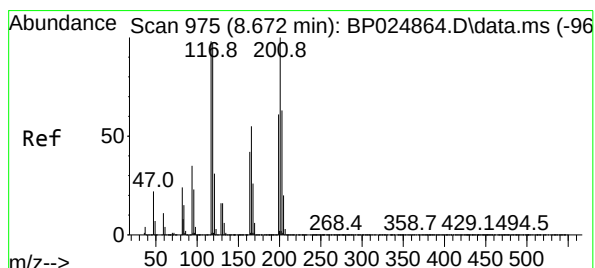
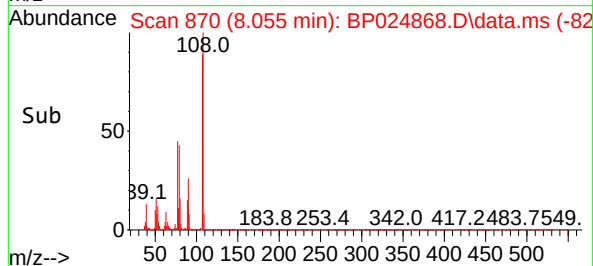
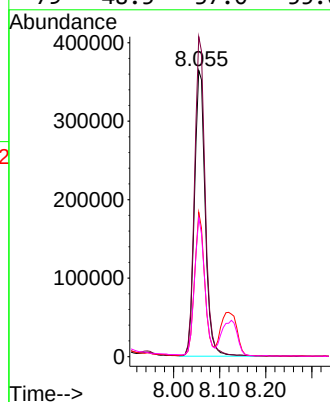
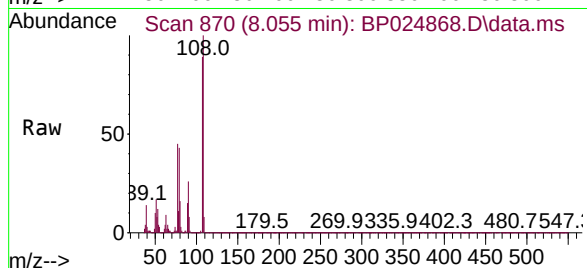
ICVBP060625

Tgt Ion:	107	Resp:	591959
Ion Ratio	Lower	Upper	
107	100		
108	111.8	88.6	132.8
77	50.4	38.5	57.7
79	48.5	37.0	55.6

Manual Integrations
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Supervised By :Jagrut Upadhyay 06/09/2025



#18

Hexachloroethane

Concen: 37.151 ng

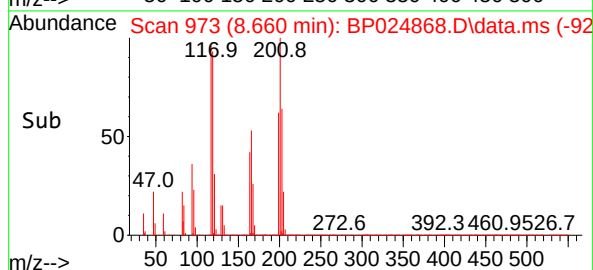
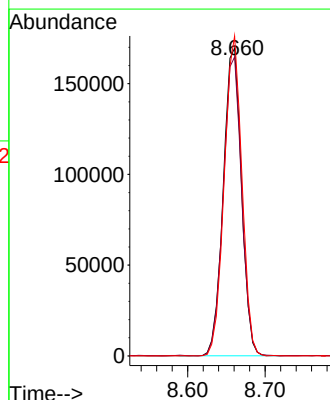
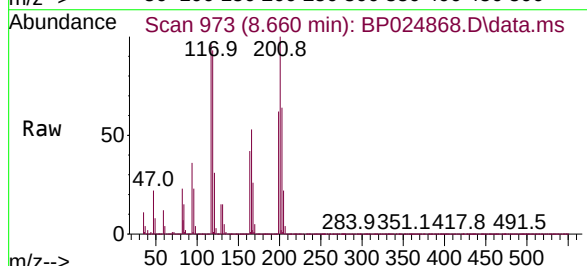
RT: 8.660 min Scan# 973

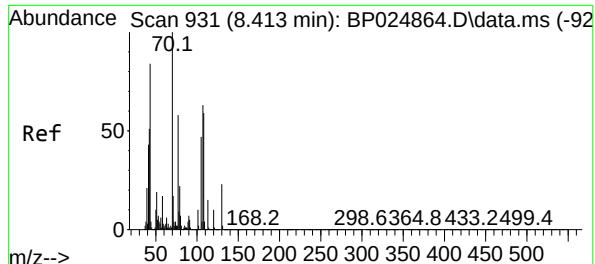
Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:	117	Resp:	277433
Ion Ratio	Lower	Upper	
117	100		
119	97.1	79.4	119.2
201	104.0	81.4	122.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.009 ng

RT: 8.402 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 70 Resp: 559389

Ion Ratio Lower Upper

70 100

42 52.3 41.2 61.8

101 10.5 8.3 12.5

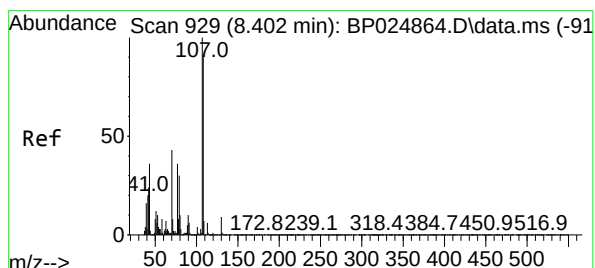
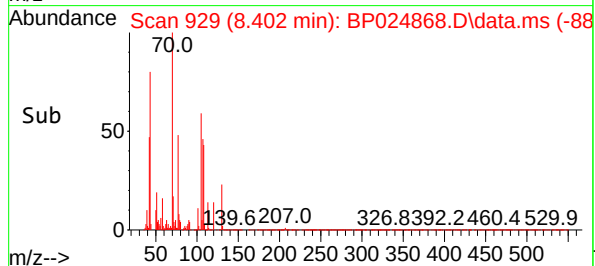
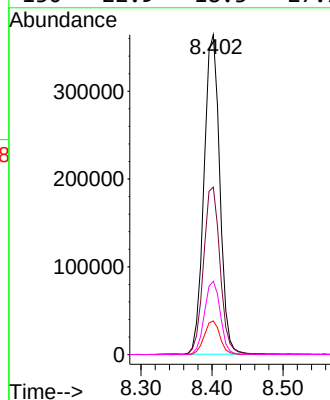
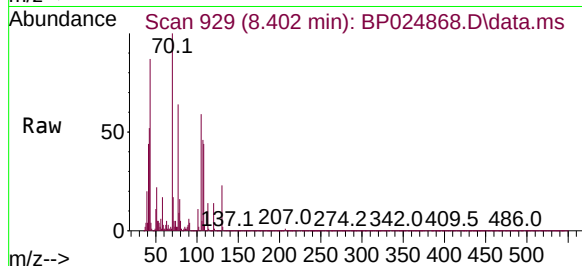
130 22.9 18.3 27.5

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Supervised By :Jagrut Upadhyay 06/09/2025



#20

3+4-Methylphenols

Concen: 39.466 ng

RT: 8.384 min Scan# 926

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:107 Resp: 797217

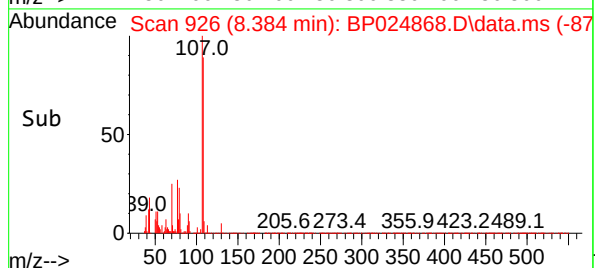
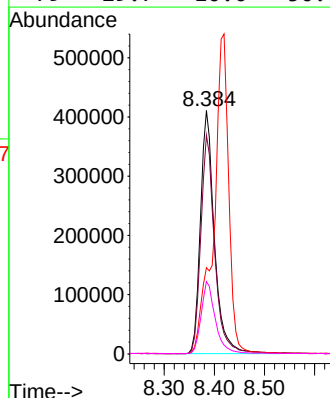
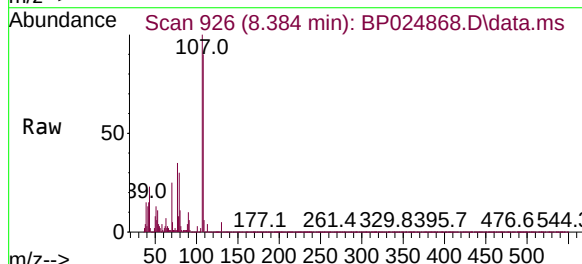
Ion Ratio Lower Upper

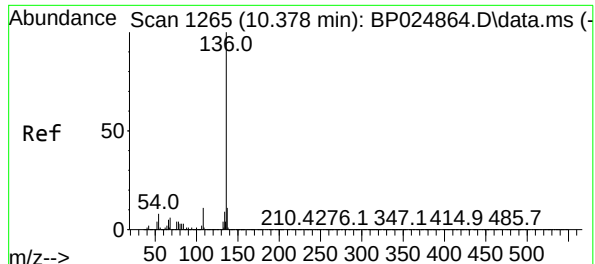
107 100

108 89.9 70.7 110.7

77 35.4 16.6 56.6

79 29.7 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:136 Resp: 1129886

Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 6.1 9.1

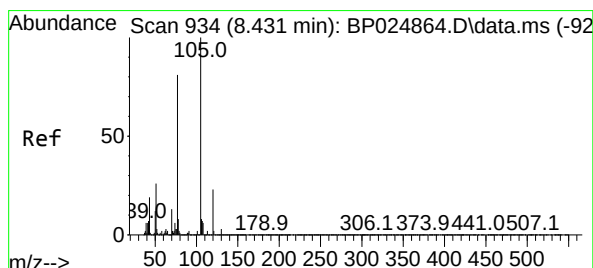
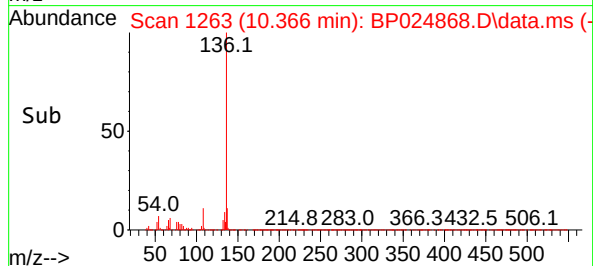
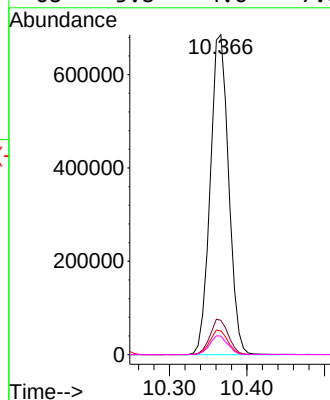
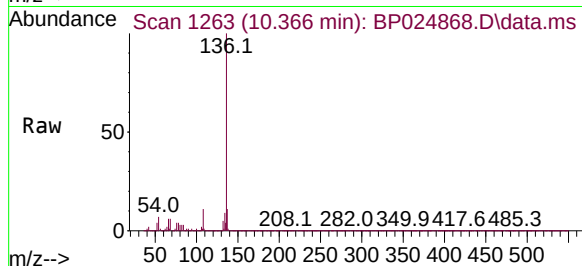
68 5.8 4.6 7.0

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Supervised By :Jagrut Upadhyay 06/09/2025



#22

Acetophenone

Concen: 38.549 ng

RT: 8.419 min Scan# 932

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:105 Resp: 1100455

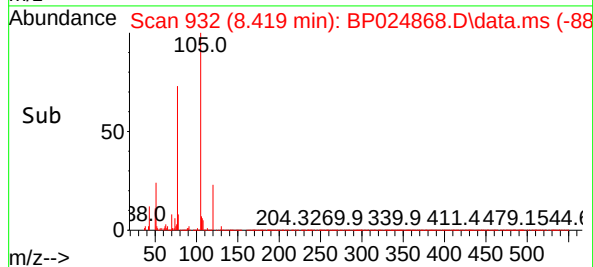
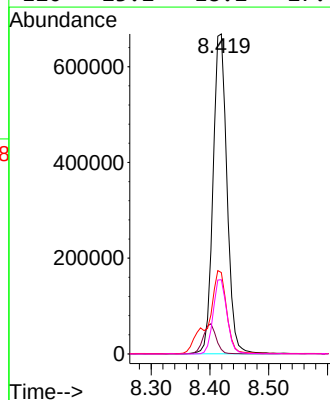
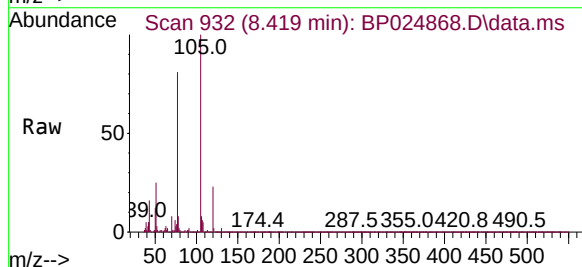
Ion Ratio Lower Upper

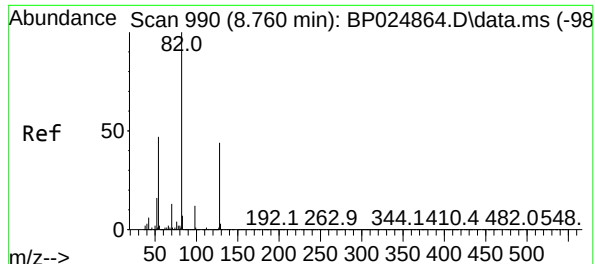
105 100

71 1.4 1.6 2.4

51 25.4 20.6 31.0

120 23.2 18.2 27.4





#23

Nitrobenzene-d5

Concen: 67.150 ng

RT: 8.749 min Scan# 988

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 82 Resp: 156136

Ion Ratio Lower Upper

82 100

128 43.0 35.3 52.9

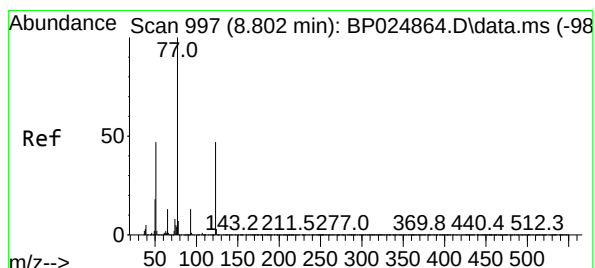
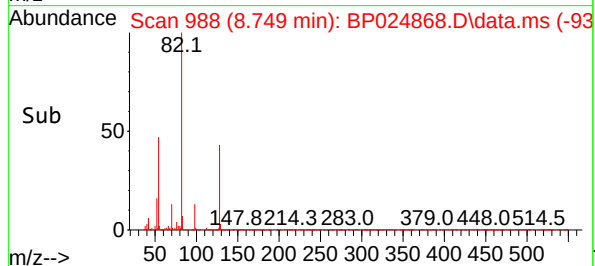
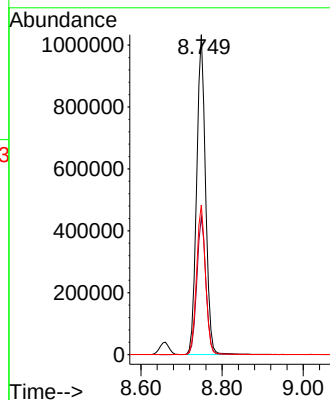
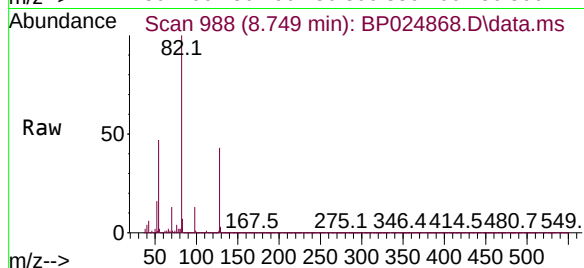
54 46.7 37.4 56.0

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Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 39.258 ng

RT: 8.790 min Scan# 995

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

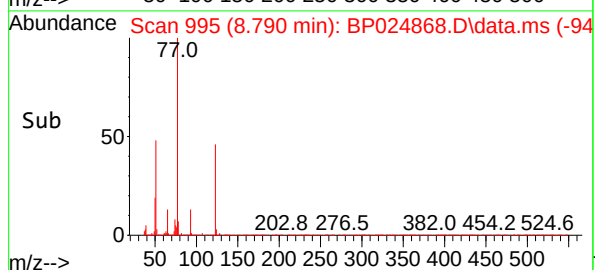
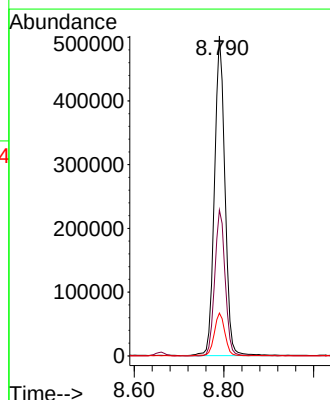
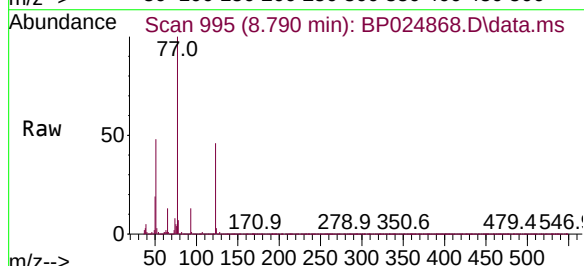
Tgt Ion: 77 Resp: 810932

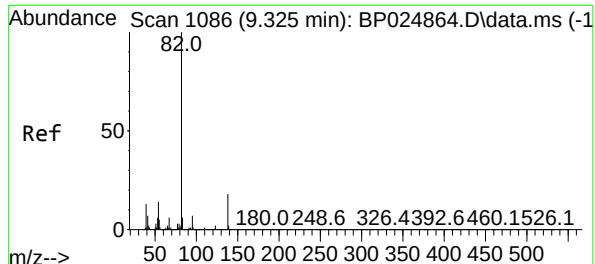
Ion Ratio Lower Upper

77 100

123 45.6 37.3 55.9

65 13.4 10.8 16.2





#25

Isophorone

Concen: 39.109 ng

RT: 9.313 min Scan# 1084

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 82 Resp: 1576033

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

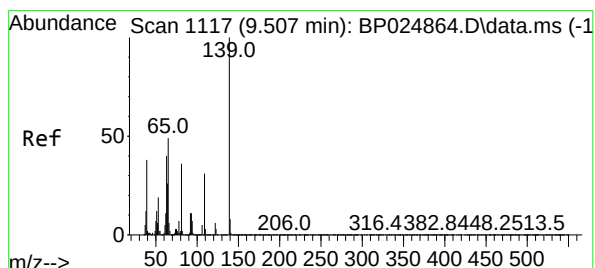
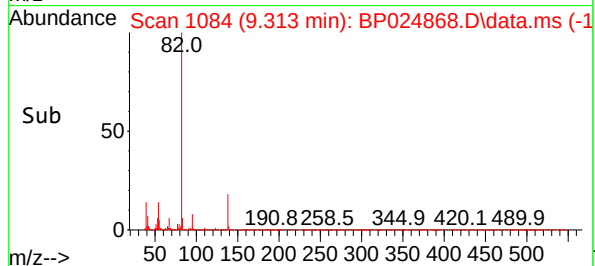
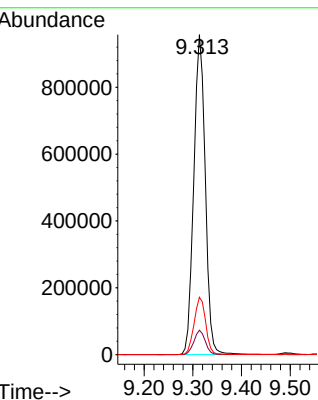
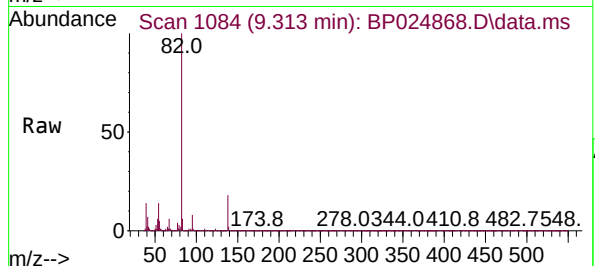
138 17.9 14.6 21.8

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Supervised By :Jagrut Upadhyay 06/09/2025



#26

2-Nitrophenol

Concen: 39.558 ng

RT: 9.496 min Scan# 1115

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

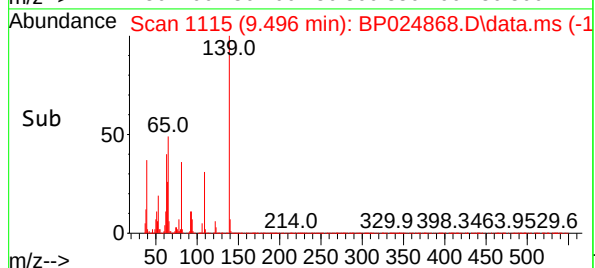
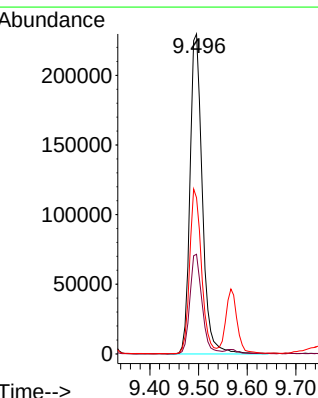
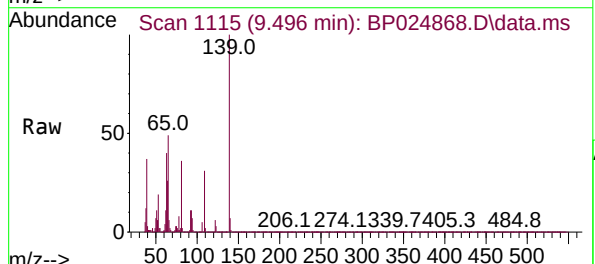
Tgt Ion:139 Resp: 403179

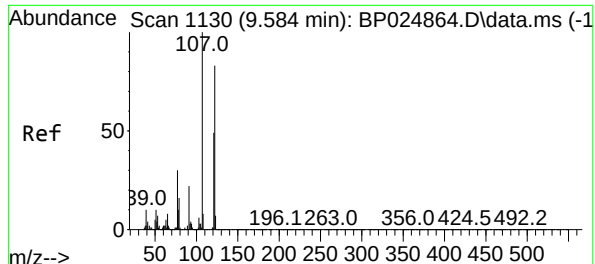
Ion Ratio Lower Upper

139 100

109 31.1 24.6 37.0

65 48.9 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 38.761 ng

RT: 9.566 min Scan# 1127

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

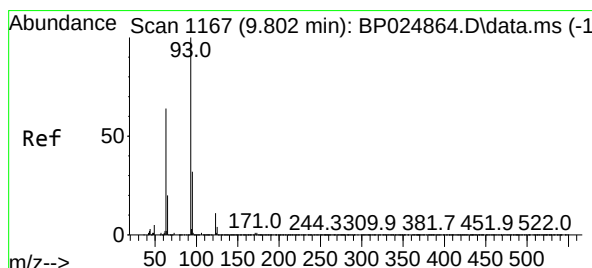
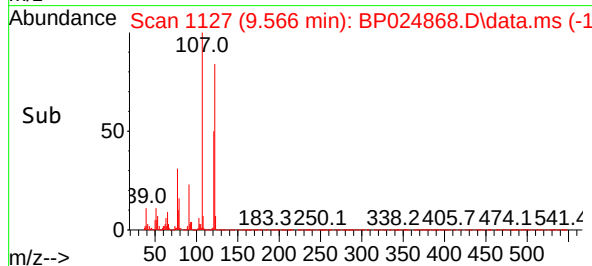
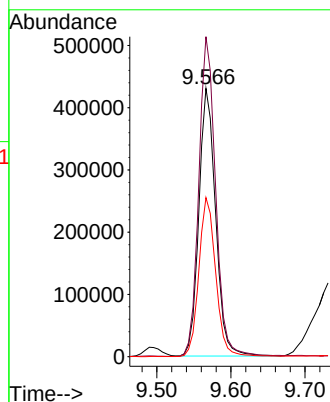
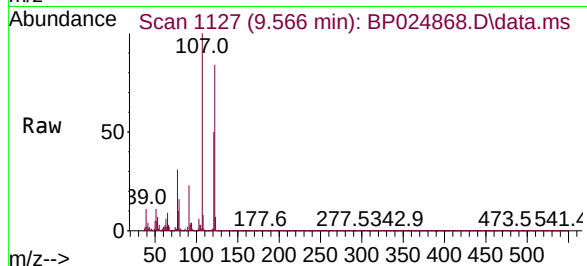
Tgt Ion:	122	Resp:	676106
Ion	Ratio	Lower	Upper
122	100		
107	119.3	96.2	144.4
121	59.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.351 ng

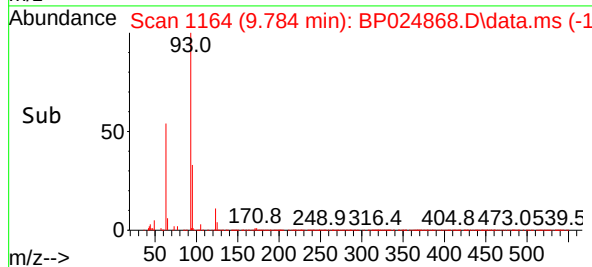
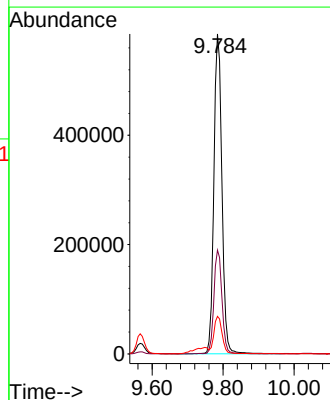
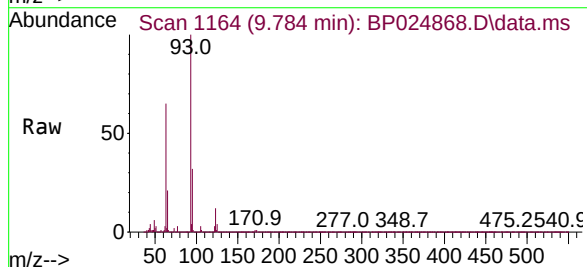
RT: 9.784 min Scan# 1164

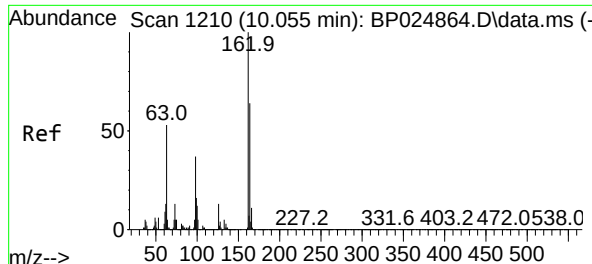
Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:	93	Resp:	921897
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	11.7	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 39.046 ng

RT: 10.043 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

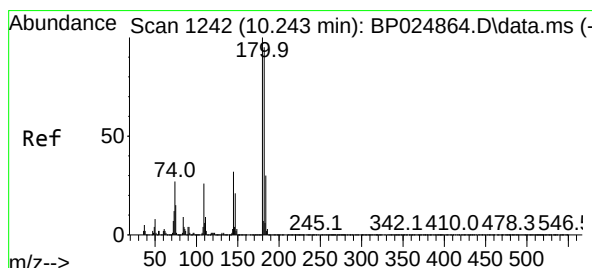
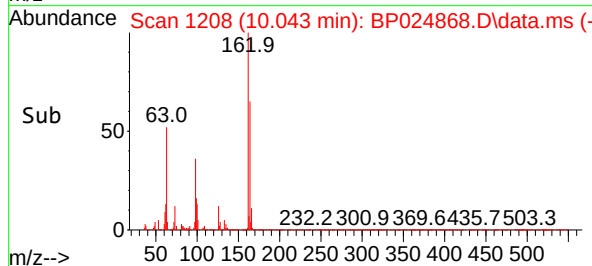
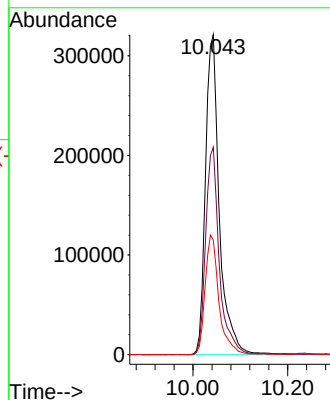
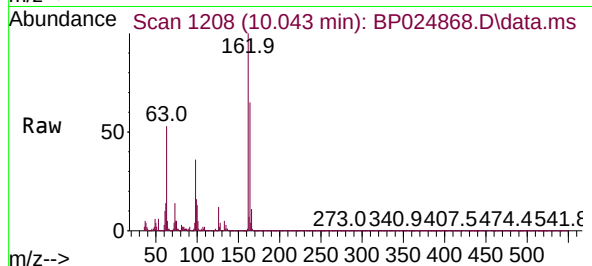
Tgt Ion:	162	Resp:	653496
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.0	84.0
98	35.8	16.9	56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 36.514 ng

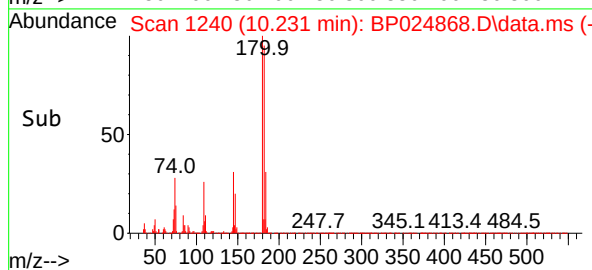
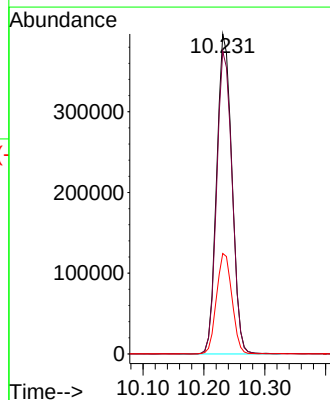
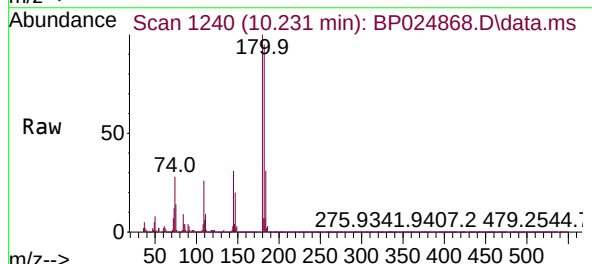
RT: 10.231 min Scan# 1240

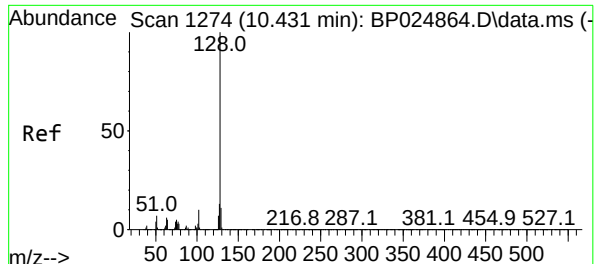
Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:	180	Resp:	689288
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	31.4	25.7	38.5





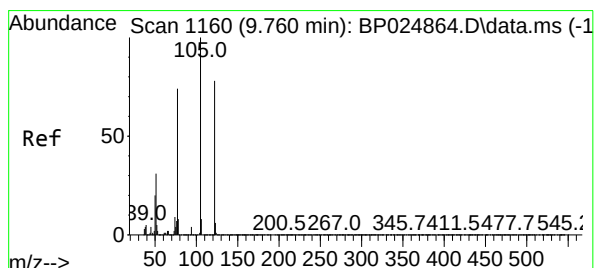
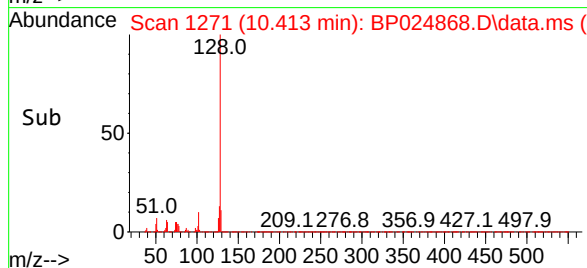
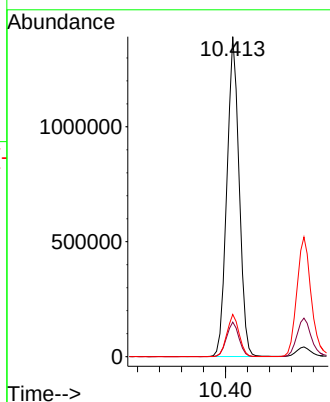
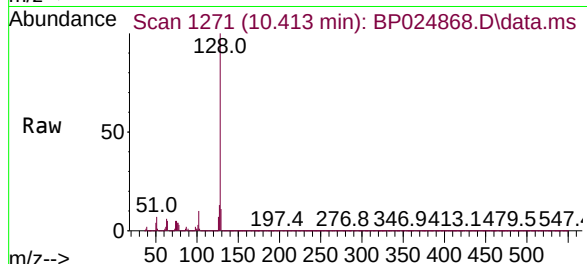
#31
Naphthalene
Concen: 37.089 ng
RT: 10.413 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:128 Resp: 2147539
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.7 16.1

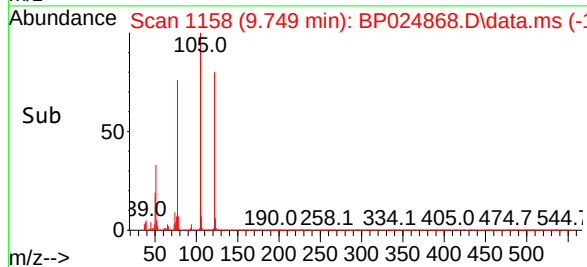
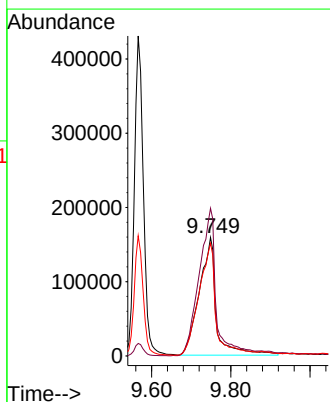
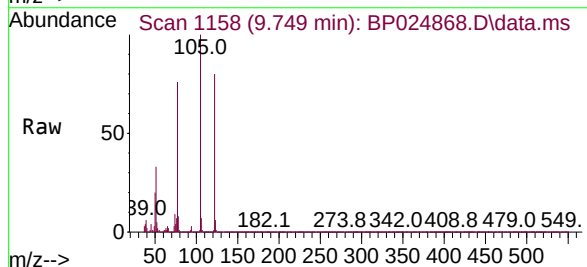
Manual Integrations
APPROVED

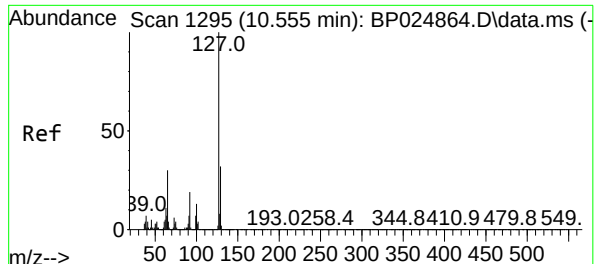
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 40.420 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:122 Resp: 476446
Ion Ratio Lower Upper
122 100
105 124.6 107.1 147.1
77 95.2 75.1 115.1





#33

4-Chloroaniline

Concen: 39.581 ng

RT: 10.543 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

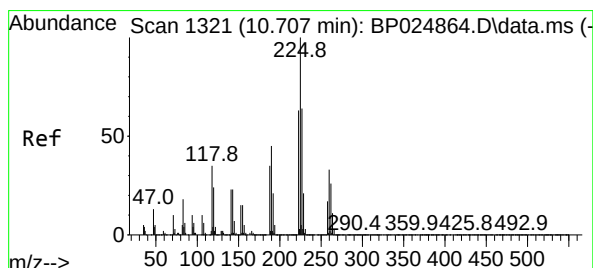
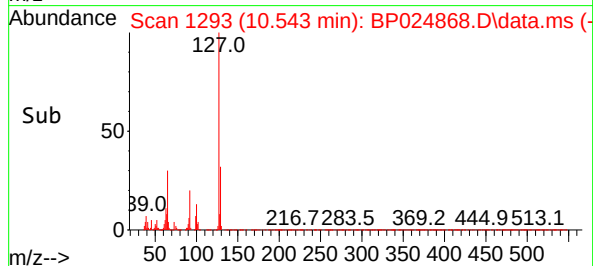
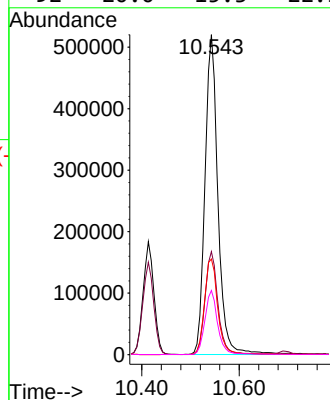
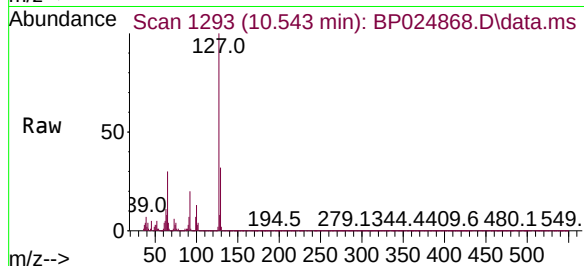
Tgt Ion:	127	Resp:	960185
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.9	38.9
65	29.9	23.9	35.9
92	20.0	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#34

Hexachlorobutadiene

Concen: 36.314 ng

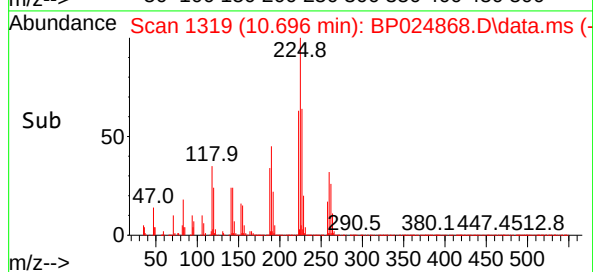
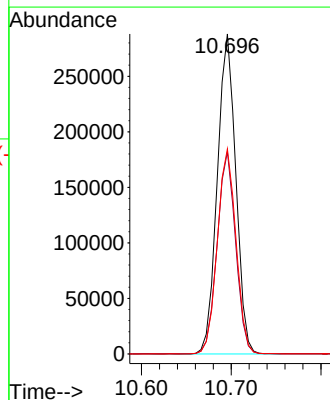
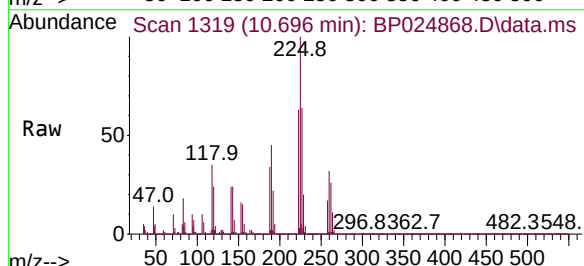
RT: 10.696 min Scan# 1319

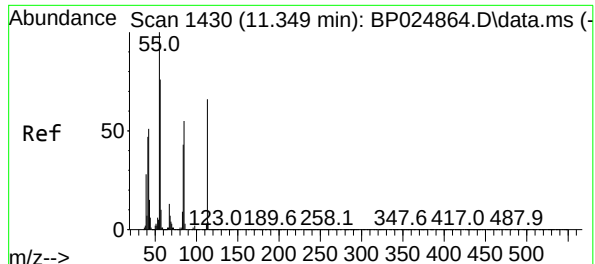
Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

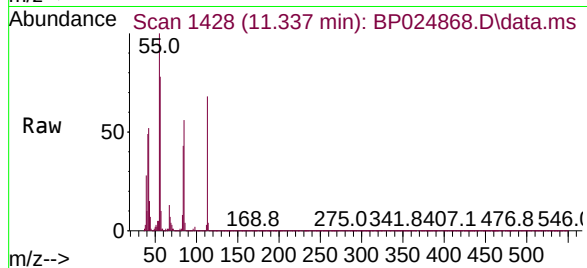
Tgt Ion:	225	Resp:	413168
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.5	75.7
227	64.1	51.4	77.2





#35
Caprolactam
Concen: 41.229 ng
RT: 11.337 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

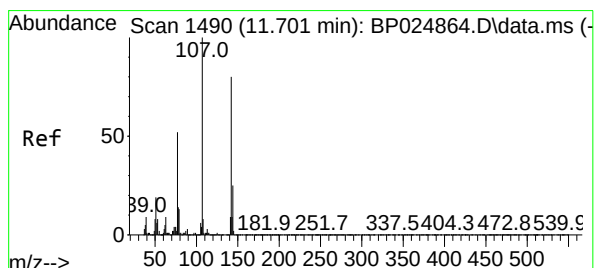
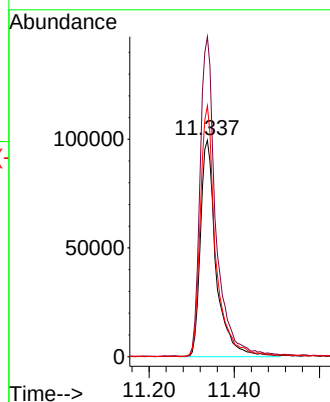
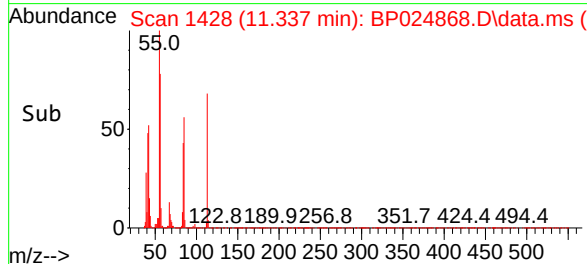
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



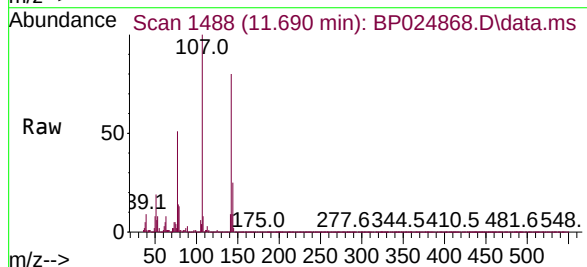
Tgt Ion:113 Resp: 254008
Ion Ratio Lower Upper
113 100
55 147.9 132.5 172.5
56 116.0 96.0 136.0

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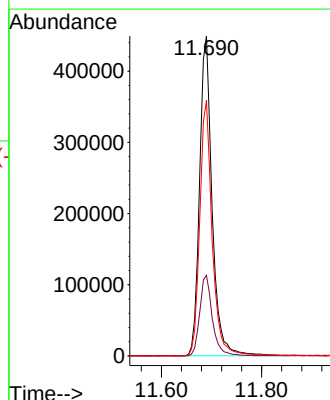
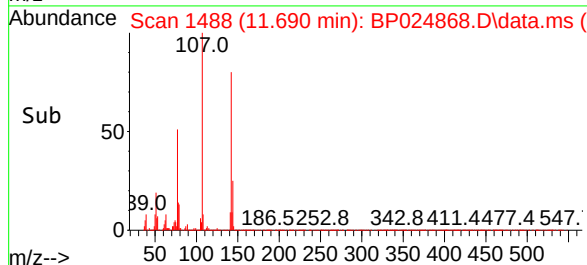
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

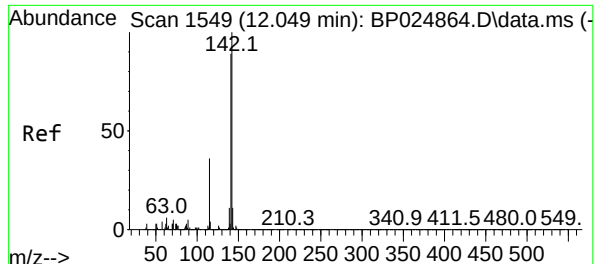


#36
4-Chloro-3-methylphenol
Concen: 40.474 ng
RT: 11.690 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



Tgt Ion:107 Resp: 781340
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 79.8 63.8 95.6





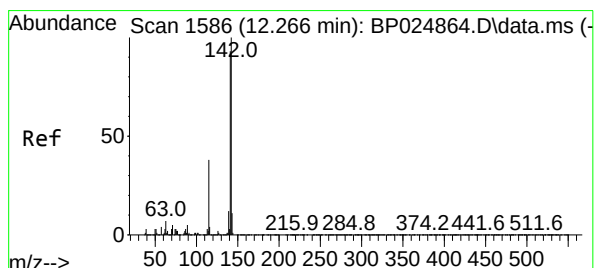
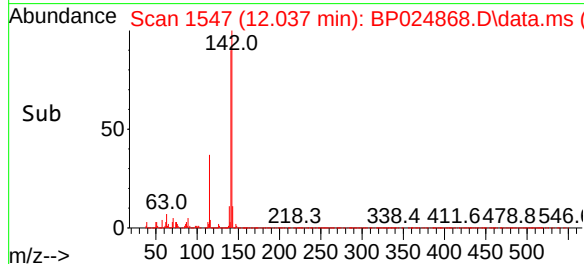
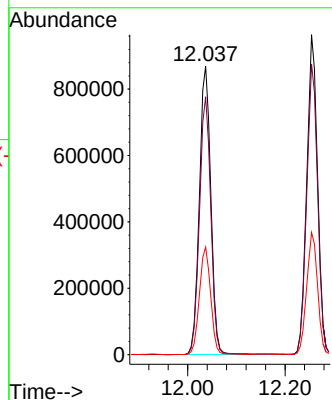
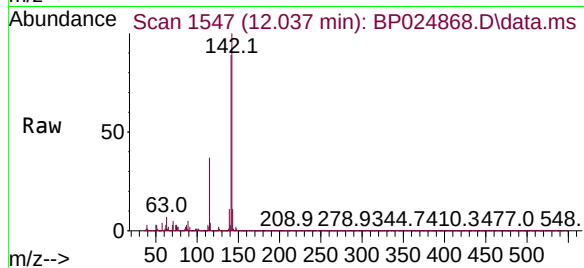
#37
2-Methylnaphthalene
Concen: 38.430 ng
RT: 12.037 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:142 Resp: 1411483
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8
115 37.2 28.5 42.7

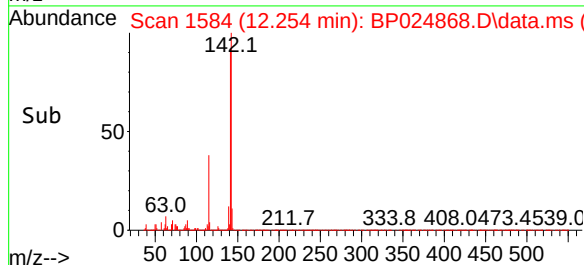
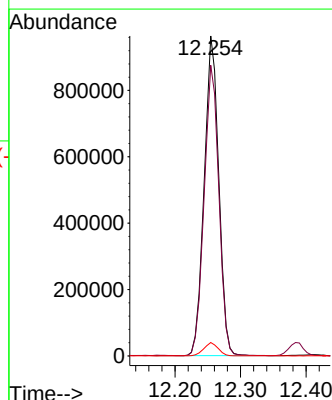
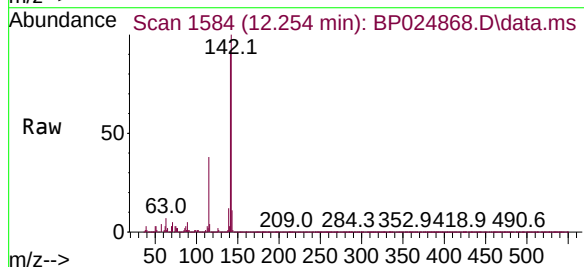
Manual Integrations
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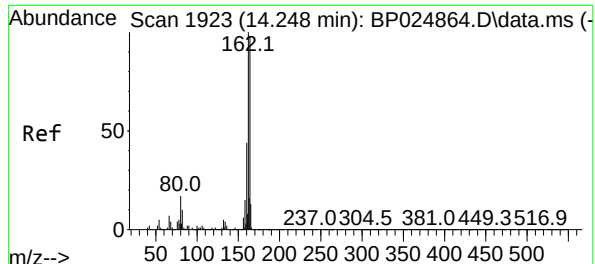
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#38
1-Methylnaphthalene
Concen: 37.674 ng
RT: 12.254 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

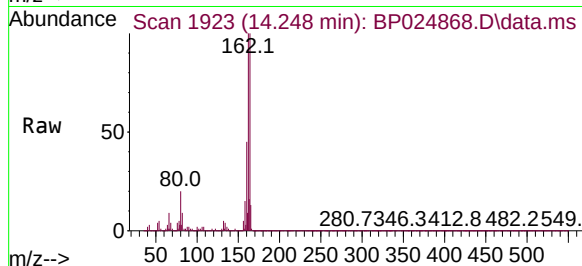
Tgt Ion:142 Resp: 1479329
Ion Ratio Lower Upper
142 100
141 90.8 74.7 112.1
116 4.2 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

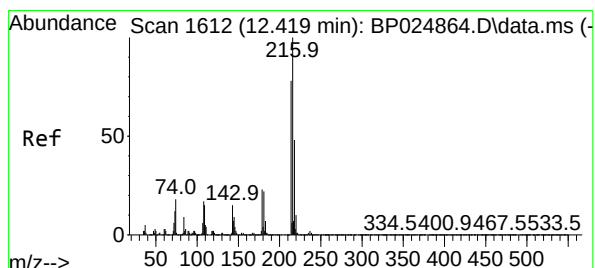
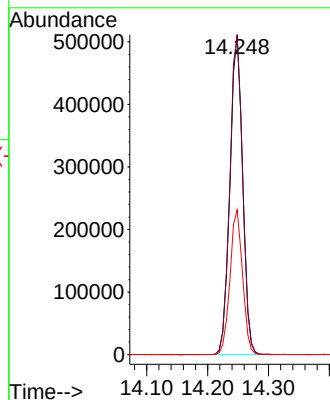
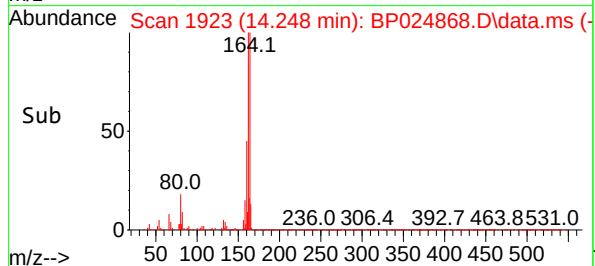
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



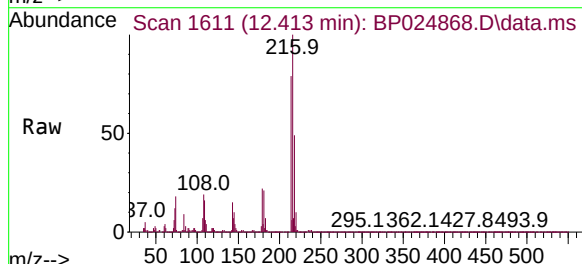
Tgt Ion:164 Resp: 734874
Ion Ratio Lower Upper
164 100
162 99.8 81.6 122.4
160 45.2 36.2 54.2

Manual Integrations
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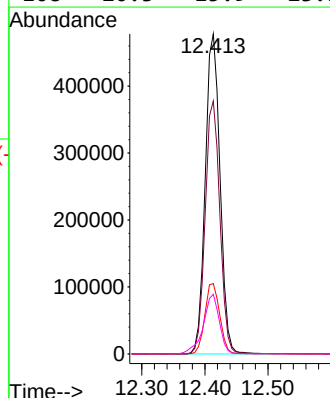
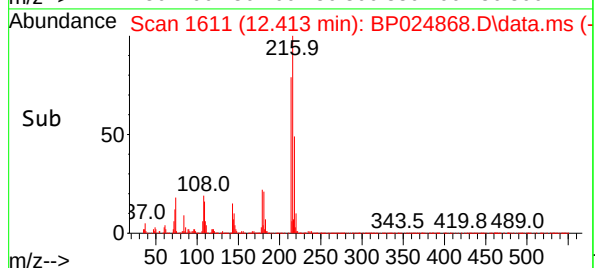
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

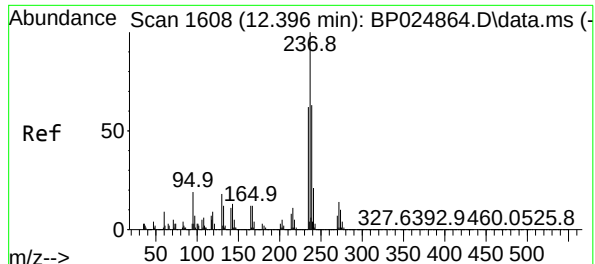


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.136 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



Tgt Ion:216 Resp: 774379
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 22.2 17.8 26.6
108 20.3 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 38.177 ng

RT: 12.384 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:237 Resp: 485560

Ion Ratio Lower Upper

237 100

235 64.2 41.9 81.9

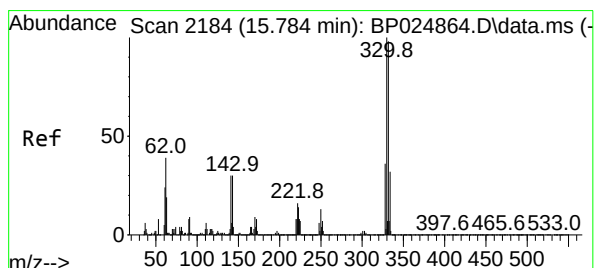
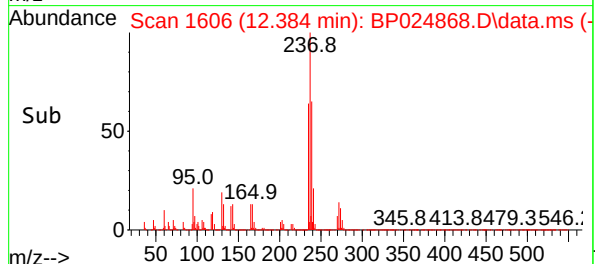
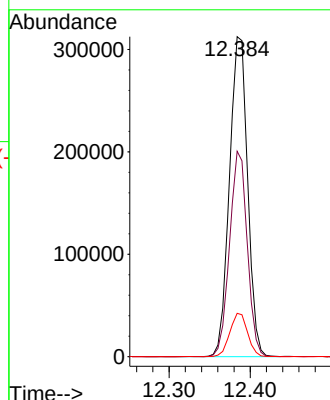
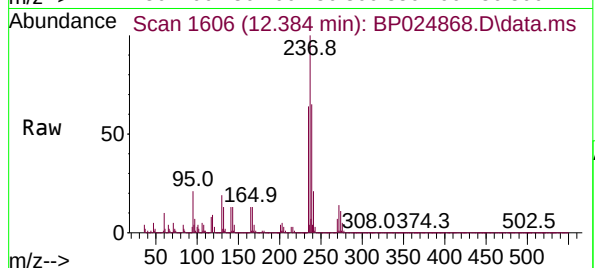
272 13.5 0.0 33.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#42

2,4,6-Tribromophenol

Concen: 73.160 ng

RT: 15.778 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

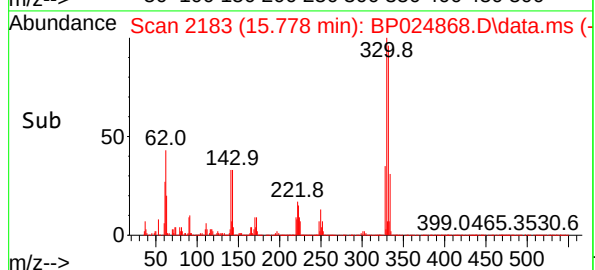
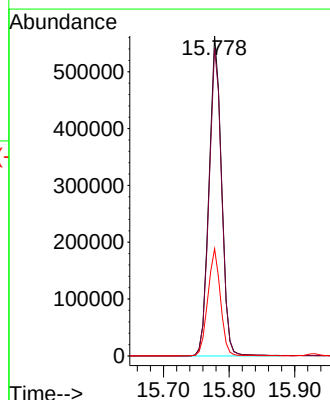
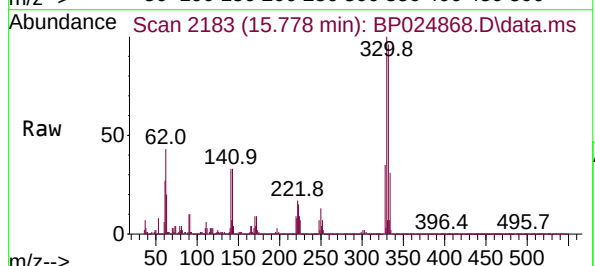
Tgt Ion:330 Resp: 743311

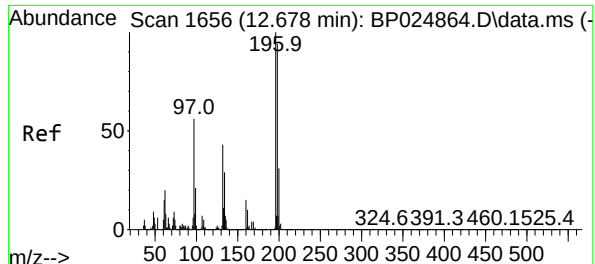
Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 33.7 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 38.812 ng

RT: 12.666 min Scan# 1654

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:196 Resp: 54352

Ion Ratio Lower Upper

196 100

198 96.2 75.4 113.0

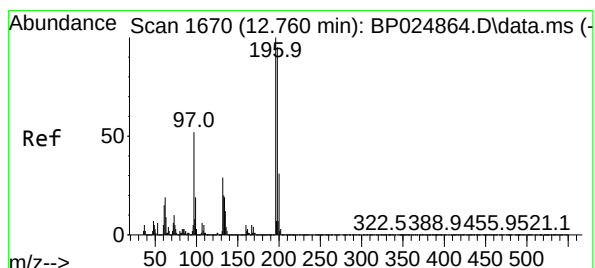
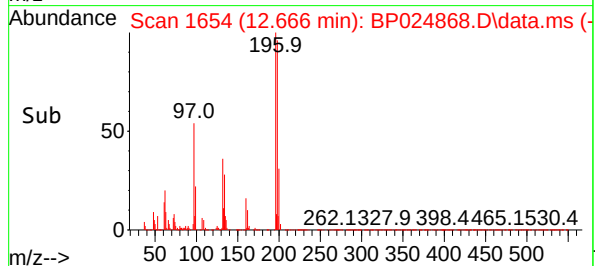
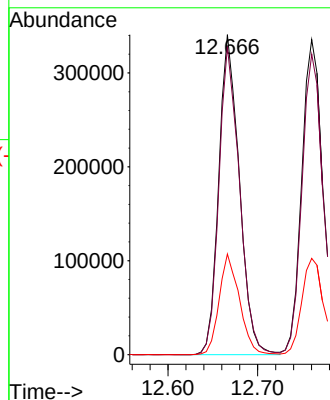
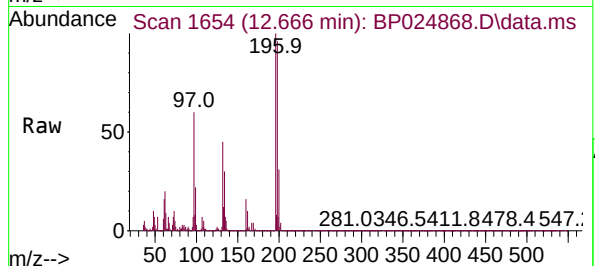
200 31.4 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#44

2,4,5-Trichlorophenol

Concen: 39.064 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:196 Resp: 585859

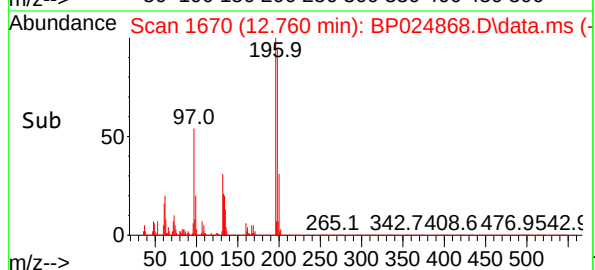
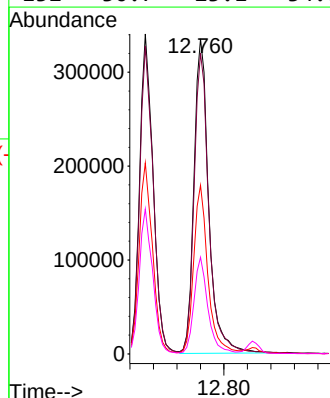
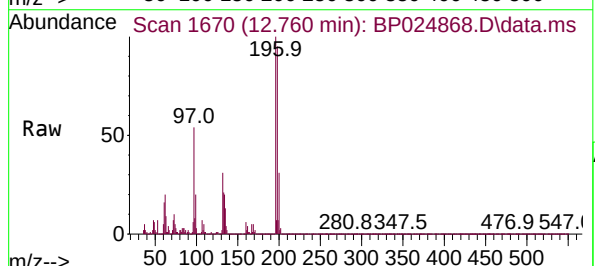
Ion Ratio Lower Upper

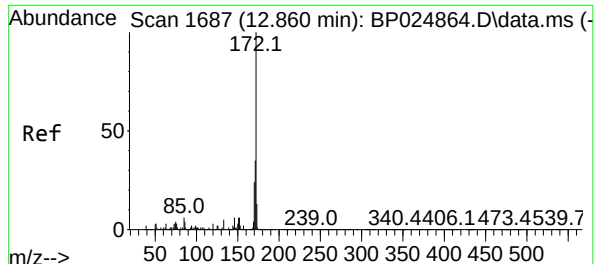
196 100

198 95.4 76.0 114.0

97 53.5 41.5 62.3

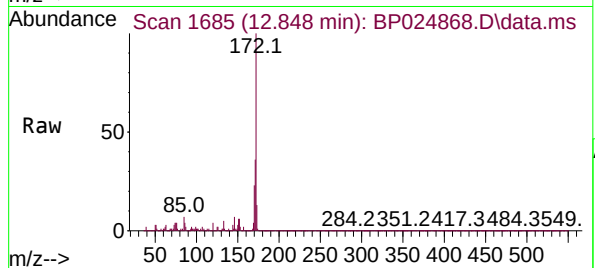
132 30.7 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 62.434 ng
RT: 12.848 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

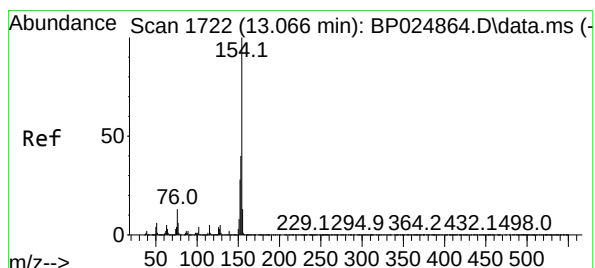
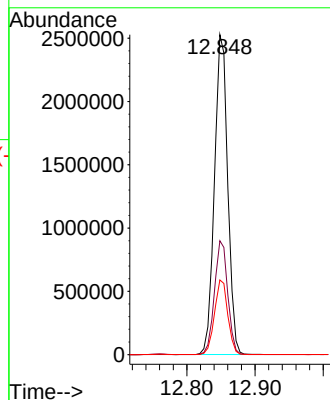
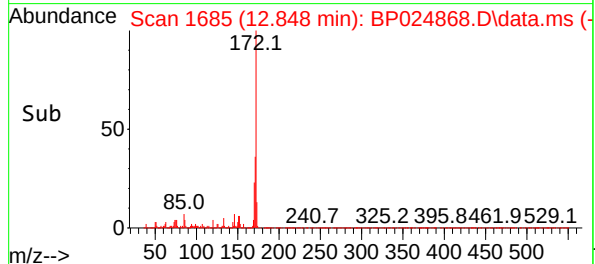
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:172 Resp: 340585
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 19.0 28.4

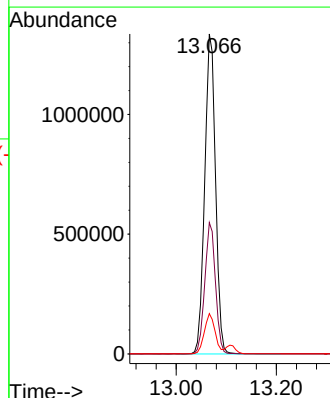
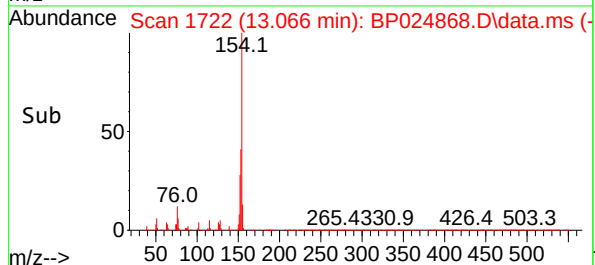
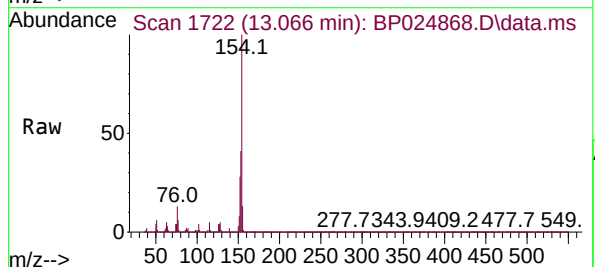
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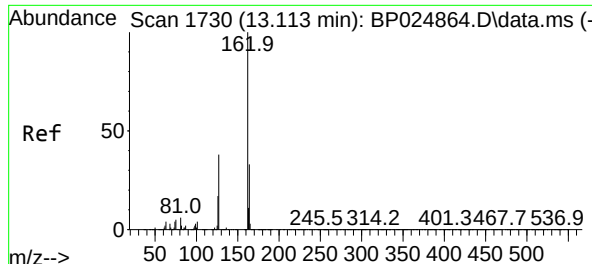
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#46
1,1'-Biphenyl
Concen: 37.502 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:154 Resp: 2002791
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.6 0.0 33.0





#47

2-Chloronaphthalene

Concen: 36.886 ng

RT: 13.107 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:162 Resp: 151403

Ion Ratio Lower Upper

162 100

127 40.7 32.5 48.7

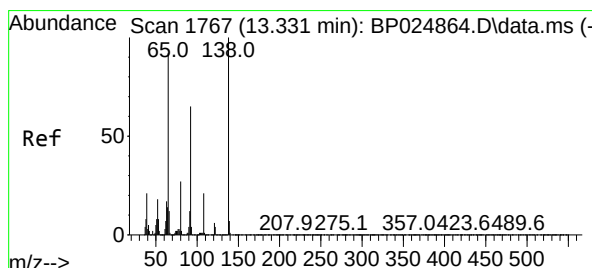
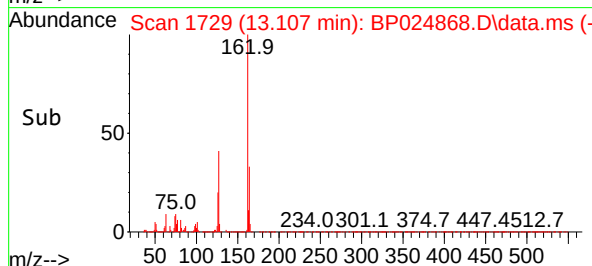
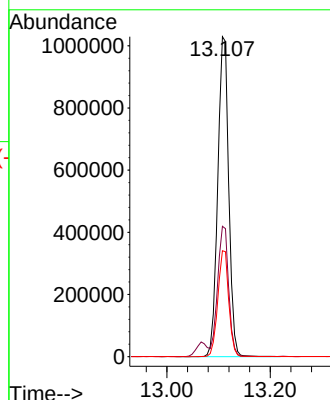
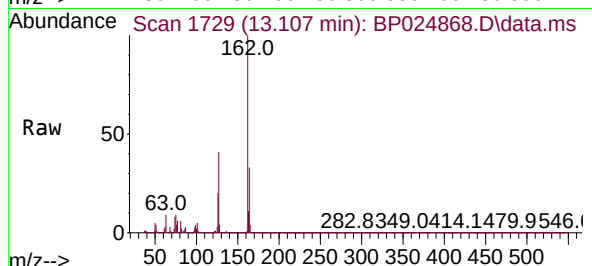
164 33.1 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#48

2-Nitroaniline

Concen: 40.813 ng

RT: 13.331 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

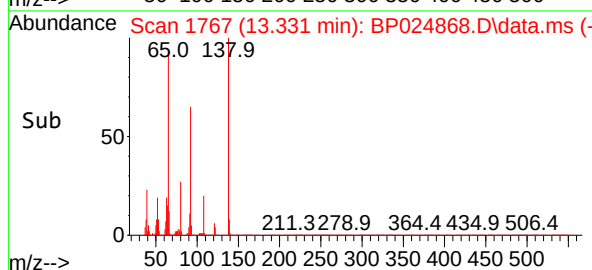
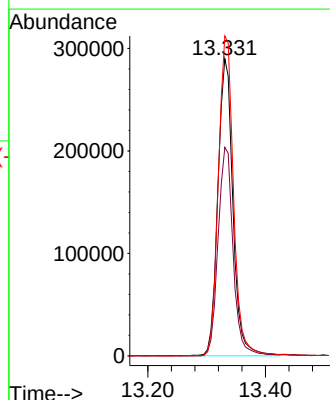
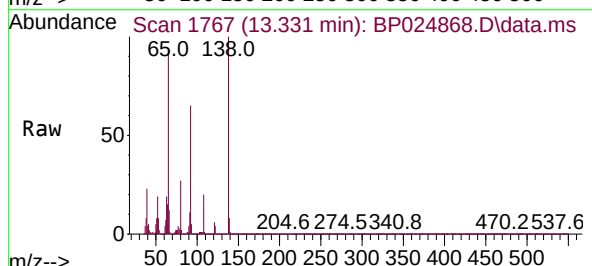
Tgt Ion: 65 Resp: 515024

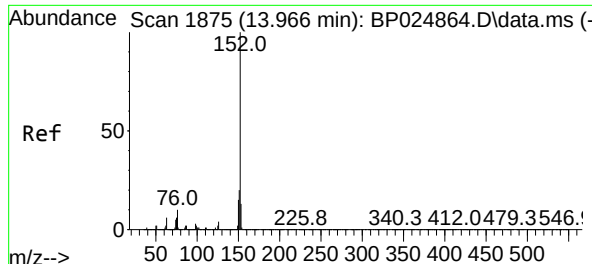
Ion Ratio Lower Upper

65 100

92 70.2 56.8 85.2

138 107.7 86.9 130.3





#49

Acenaphthylene

Concen: 37.274 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:152 Resp: 2551023

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

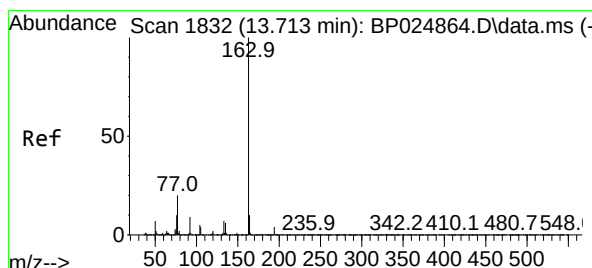
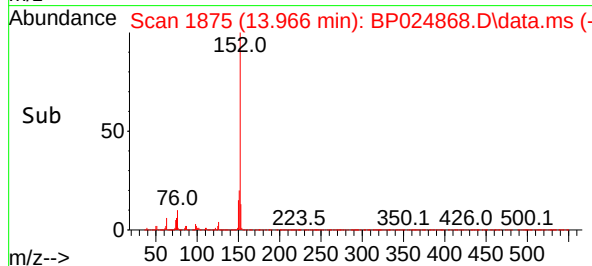
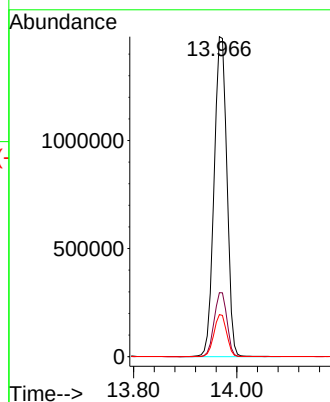
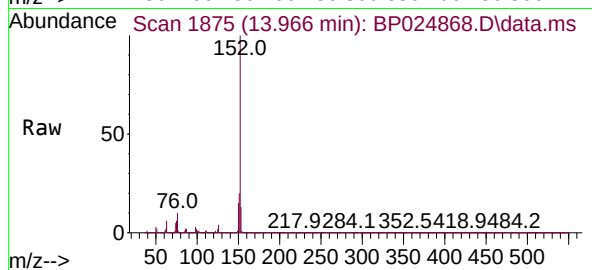
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#50

Dimethylphthalate

Concen: 37.185 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

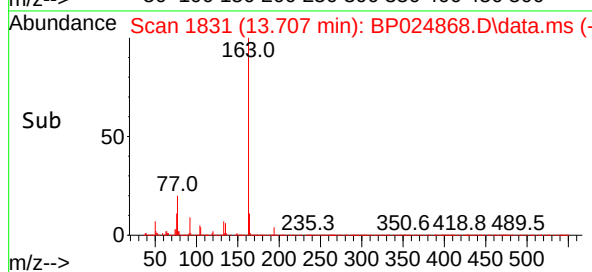
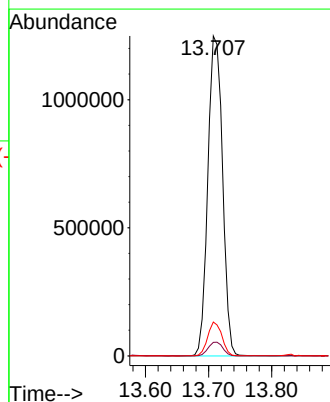
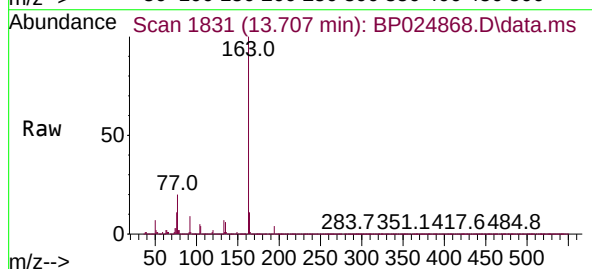
Tgt Ion:163 Resp: 2015820

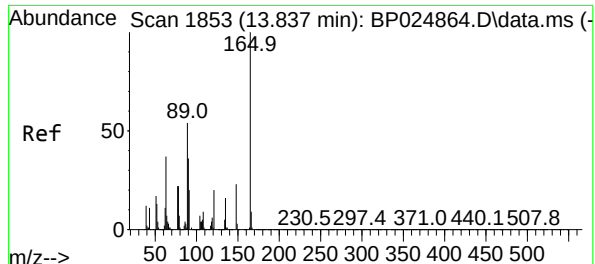
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

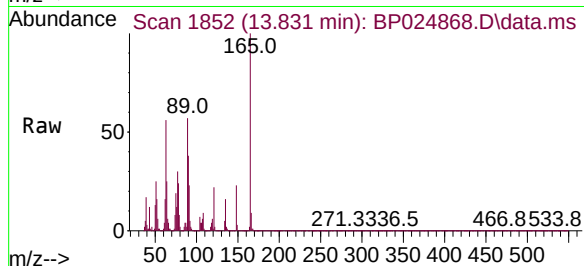
164 10.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 38.111 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

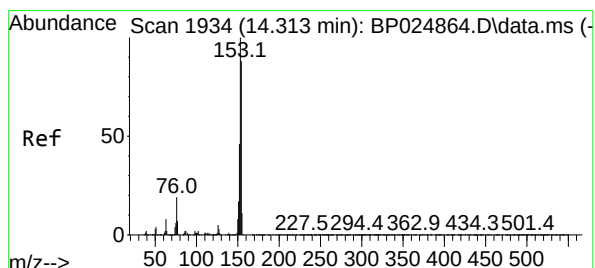
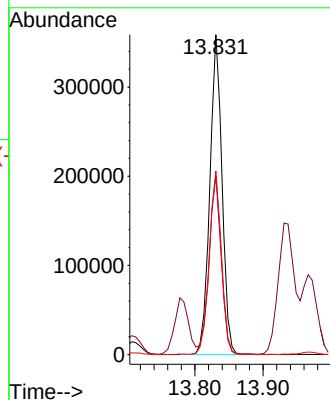
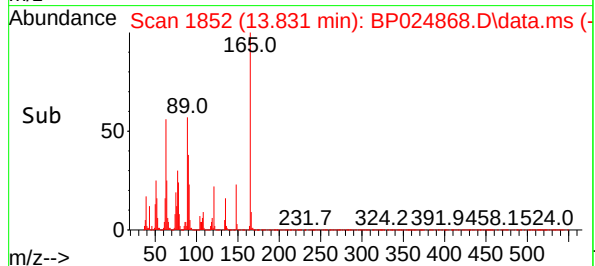
Instrument :
BNA_P
Client Sample Id :
ICVBP060625



Tgt Ion:165 Resp: 445393
Ion Ratio Lower Upper
165 100
63 55.8 41.8 62.8
89 57.3 43.1 64.7

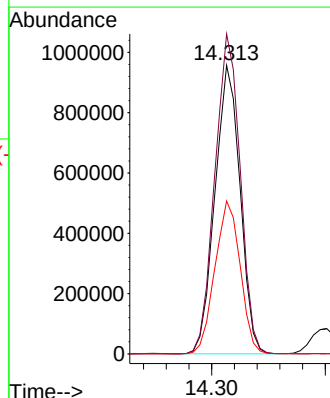
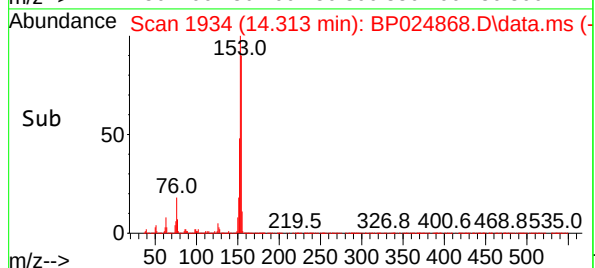
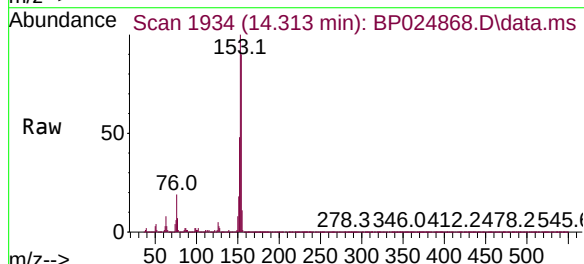
Manual Integrations
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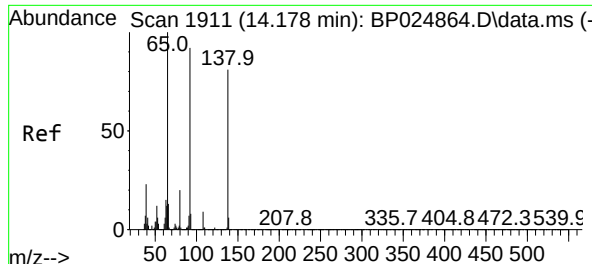
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#52
Acenaphthene
Concen: 37.472 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

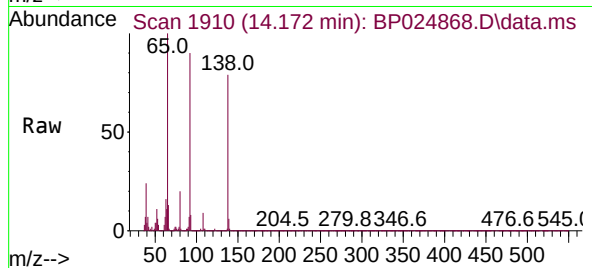
Tgt Ion:154 Resp: 1469566
Ion Ratio Lower Upper
154 100
153 110.9 90.5 135.7
152 53.0 42.1 63.1





#53
3-Nitroaniline
Concen: 40.626 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

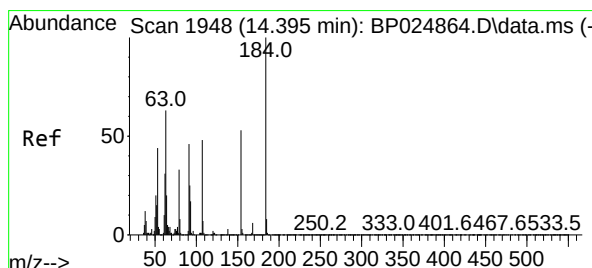
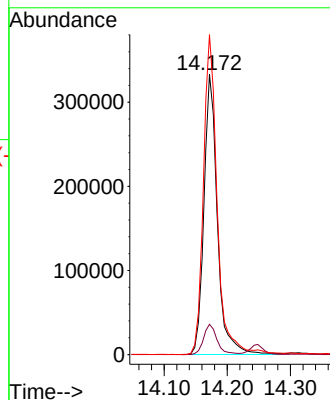
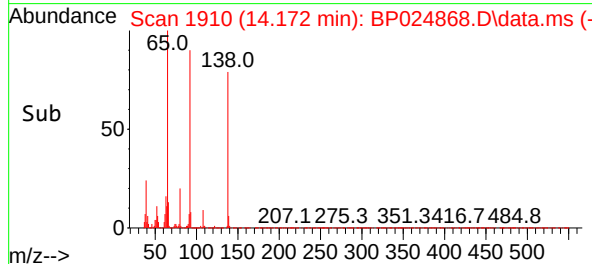
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



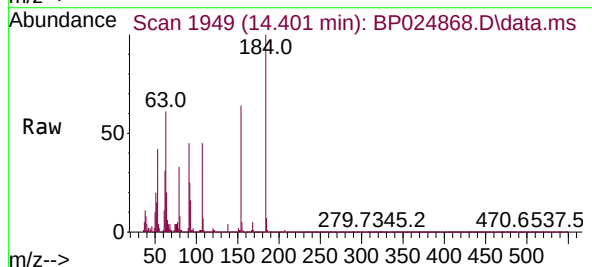
Tgt Ion:138 Resp: 492714
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.2 91.3 136.9

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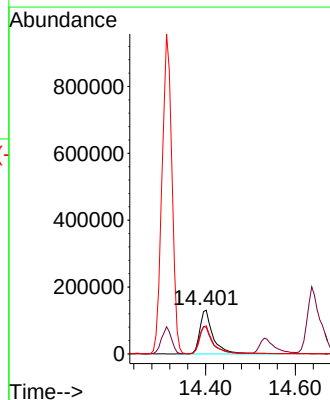
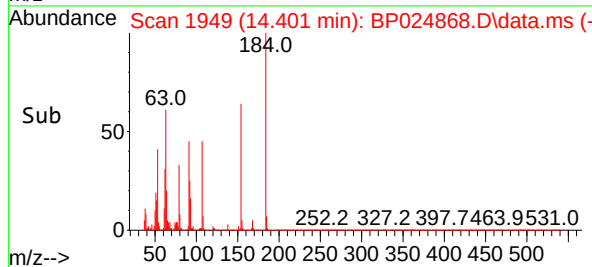
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

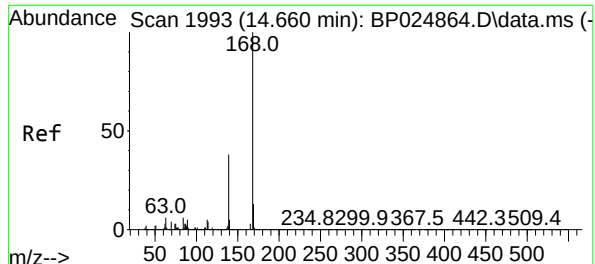


#54
2,4-Dinitrophenol
Concen: 38.197 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



Tgt Ion:184 Resp: 266900
Ion Ratio Lower Upper
184 100
63 61.0 51.0 76.4
154 64.2 51.7 77.5





#55

Dibenzenofuran

Concen: 36.605 ng

RT: 14.660 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:168 Resp: 2304340

Ion Ratio Lower Upper

168 100

139 40.8 31.6 47.4

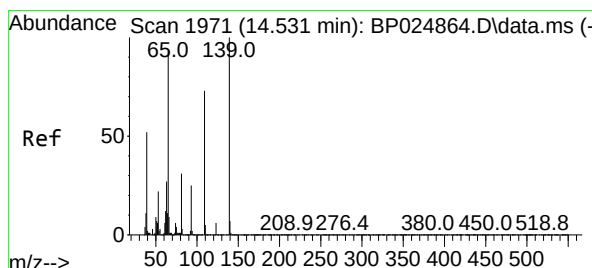
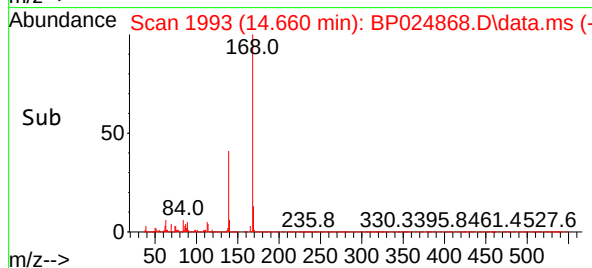
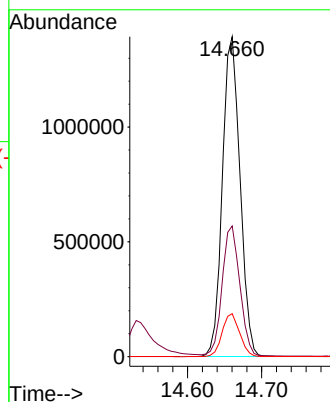
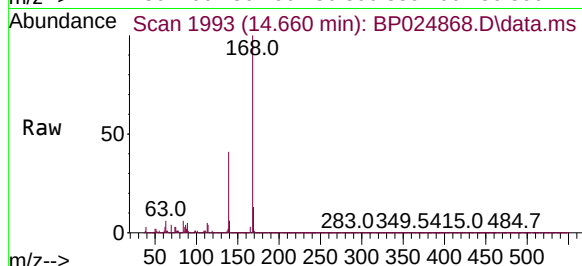
169 13.5 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#56

4-Nitrophenol

Concen: 38.363 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

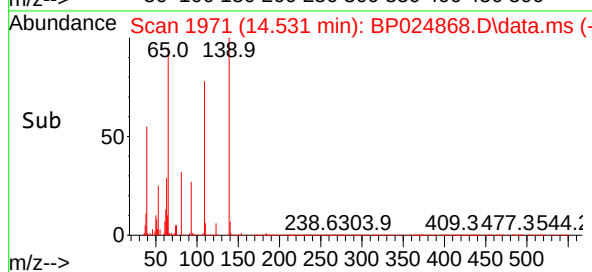
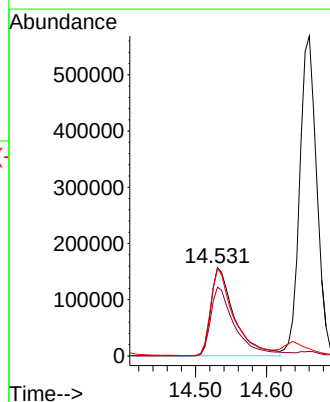
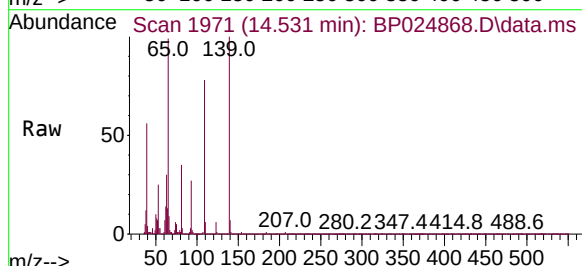
Tgt Ion:139 Resp: 362887

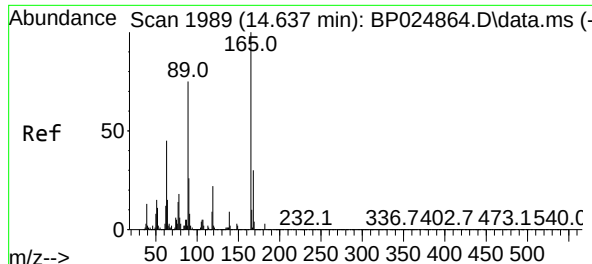
Ion Ratio Lower Upper

139 100

109 77.7 53.1 93.1

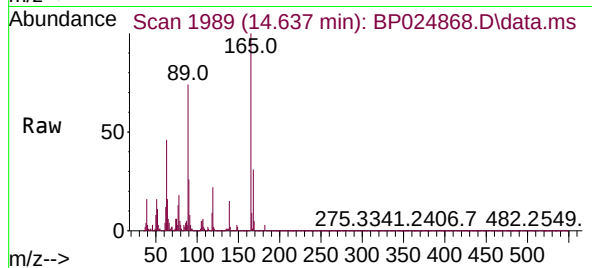
65 99.0 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 38.936 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

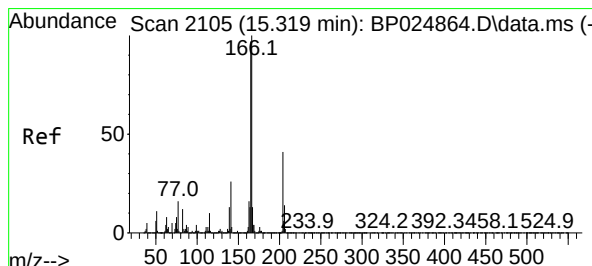
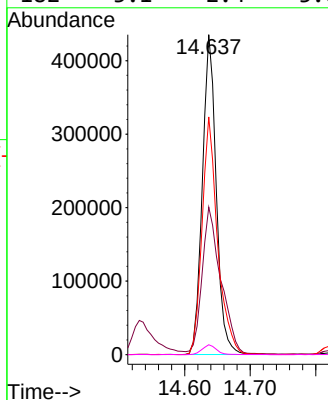
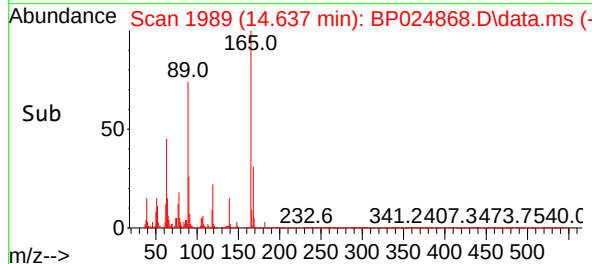
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:165 Resp: 636513
Ion Ratio Lower Upper
165 100
63 46.1 37.0 55.6
89 74.3 60.1 90.1
182 3.1 2.4 3.6

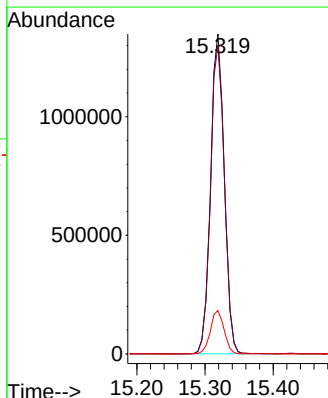
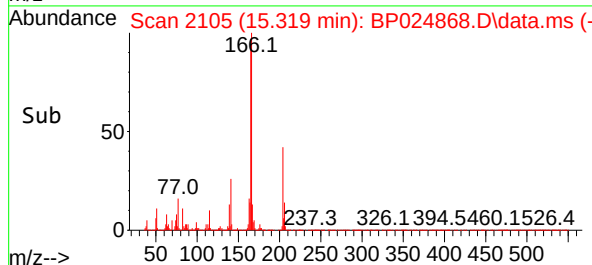
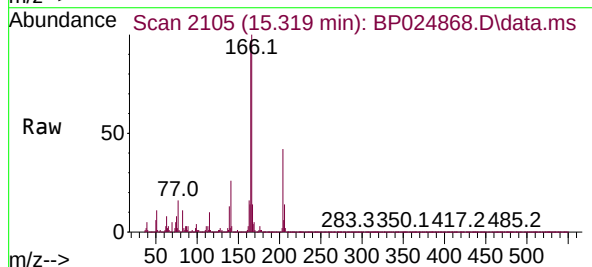
Manual Integrations
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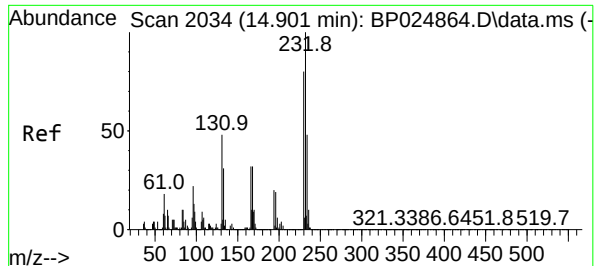
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 37.043 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:166 Resp: 1883765
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.401 ng

RT: 14.901 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:232 Resp: 51456

Ion Ratio Lower Upper

232 100

131 48.0 38.2 57.2

130 2.6 2.1 3.1

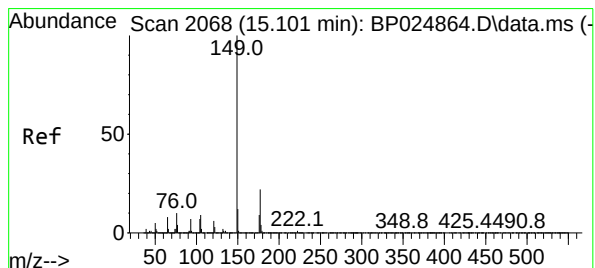
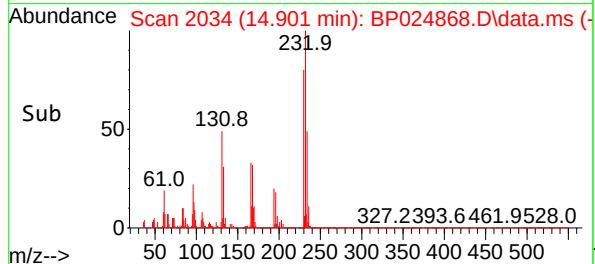
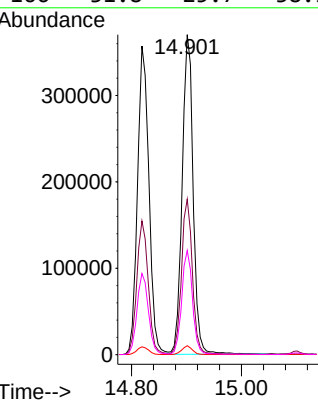
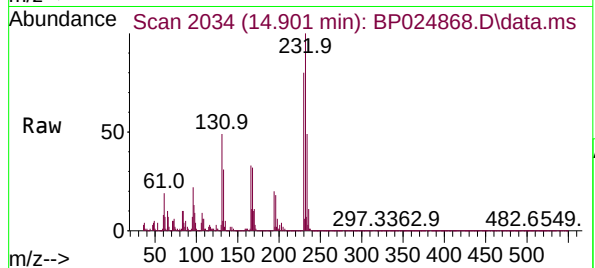
166 31.8 25.7 38.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#60

Diethylphthalate

Concen: 37.642 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

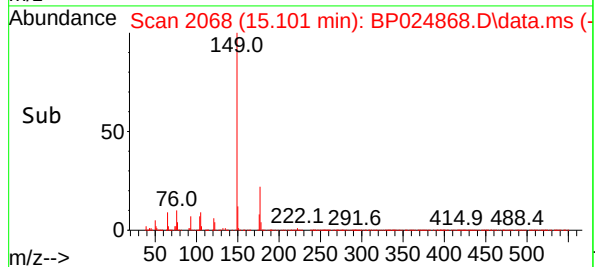
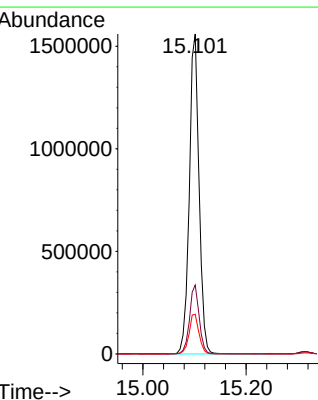
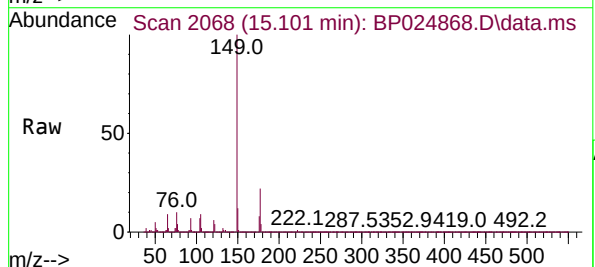
Tgt Ion:149 Resp: 2033664

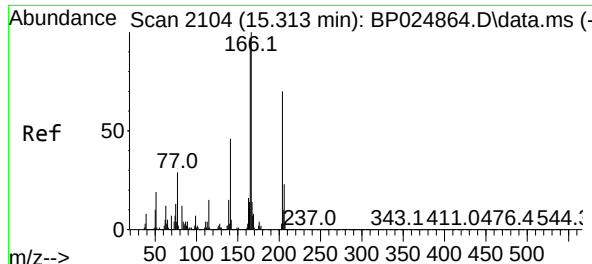
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

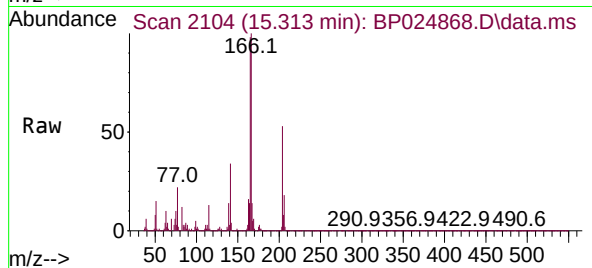
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 36.814 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

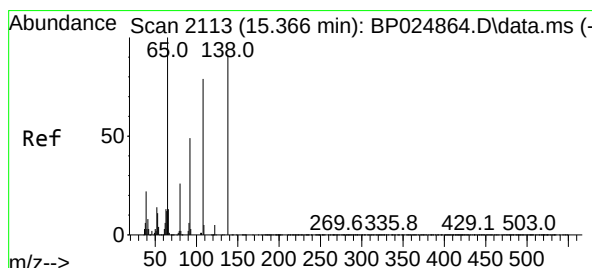
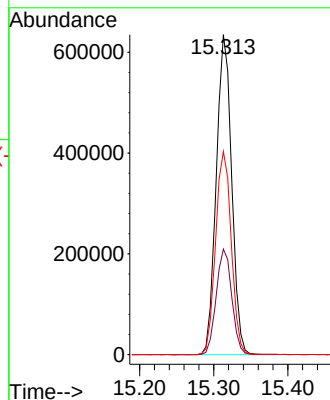
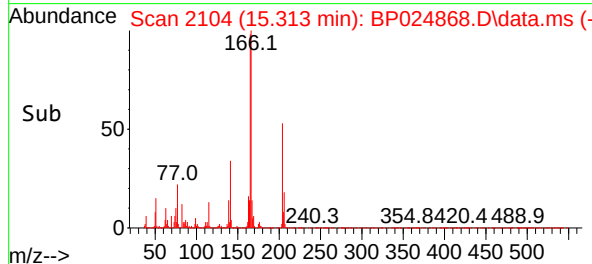
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



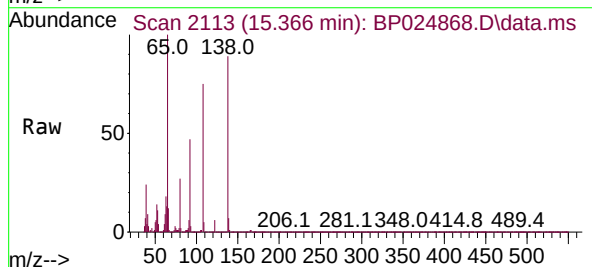
Tgt Ion:204 Resp: 915384
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 63.5 52.4 78.6

Manual Integrations
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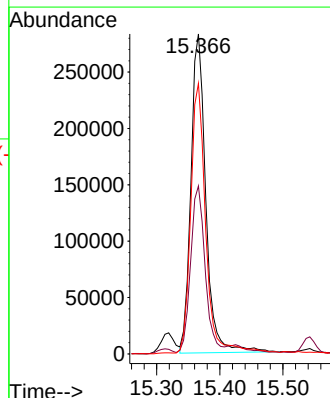
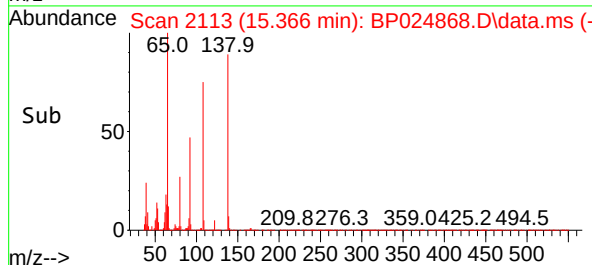
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

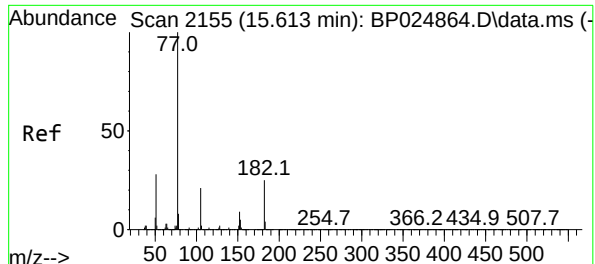


#62
4-Nitroaniline
Concen: 42.233 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



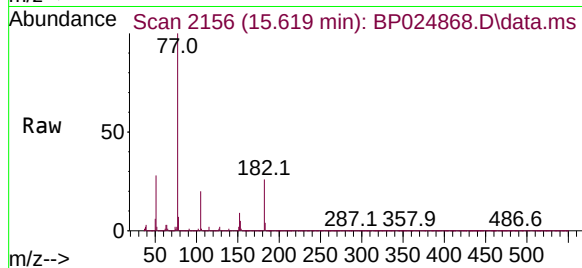
Tgt Ion:138 Resp: 464418
Ion Ratio Lower Upper
138 100
92 52.5 33.5 73.5
108 84.5 65.1 105.1





#63
Azobenzene
Concen: 38.217 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

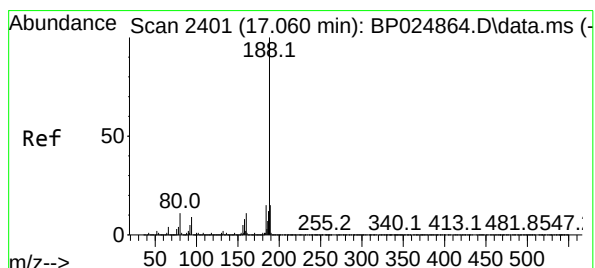
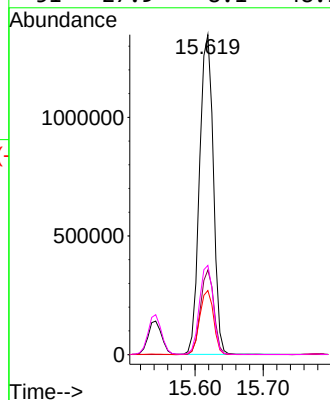
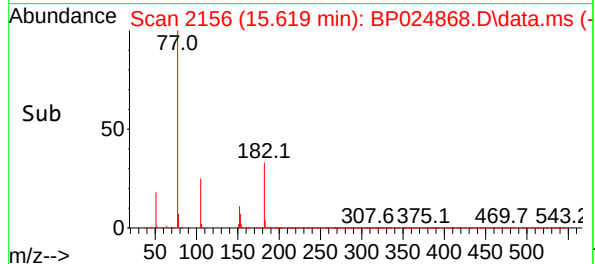
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



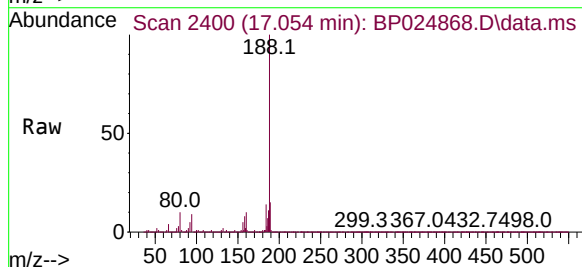
Tgt Ion: 77 Resp: 1893664
Ion Ratio Lower Upper
77 100
182 26.4 5.4 45.4
105 20.0 0.8 40.8
51 27.9 8.1 48.1

Manual Integrations
APPROVED

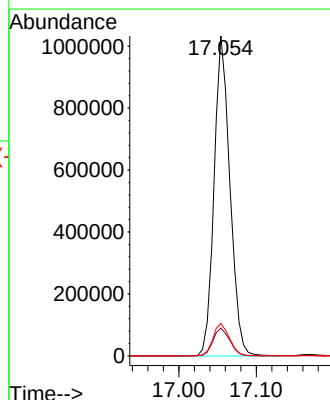
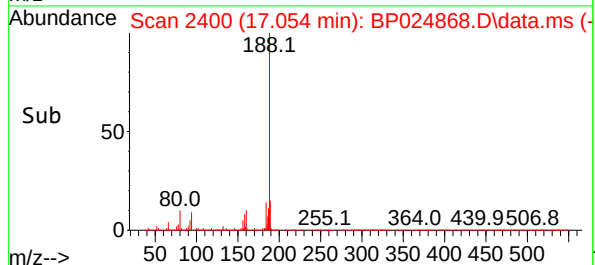
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

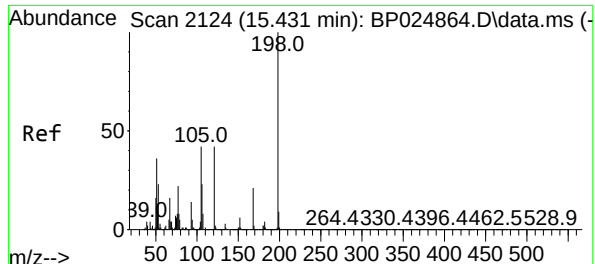


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



Tgt Ion:188 Resp: 1466437
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 10.1 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 38.956 ng

RT: 15.425 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:198 Resp: 375376

Ion Ratio Lower Upper

198 100

51 42.7 19.2 59.2

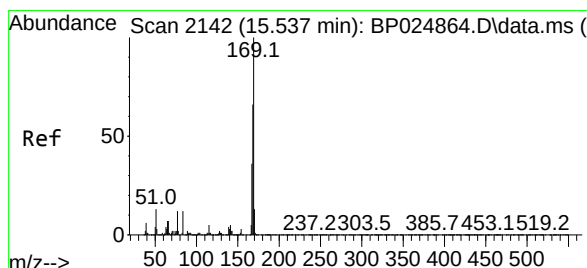
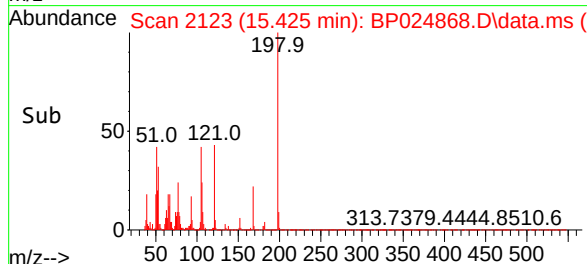
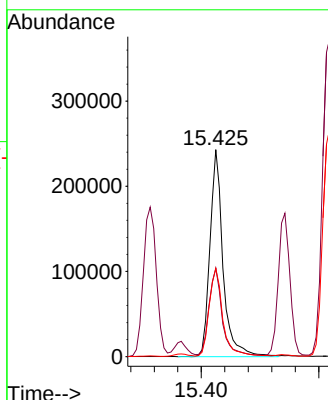
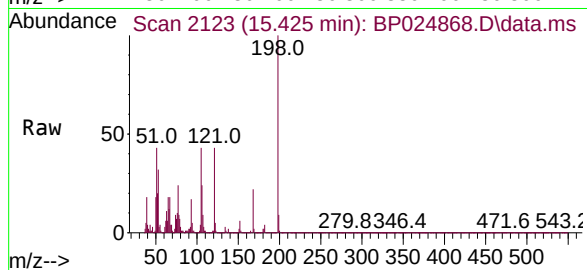
105 42.6 22.6 62.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#66

n-Nitrosodiphenylamine

Concen: 36.846 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

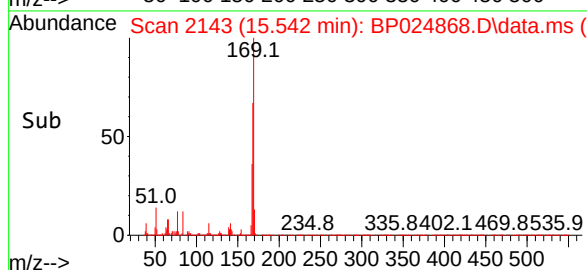
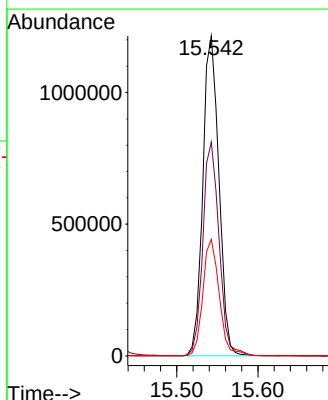
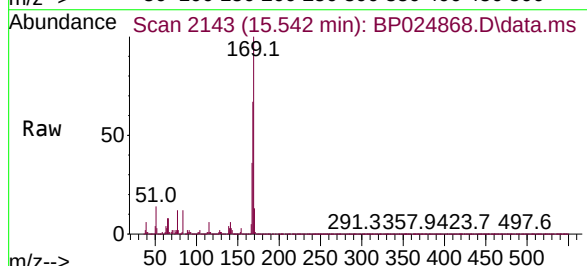
Tgt Ion:169 Resp: 1674745

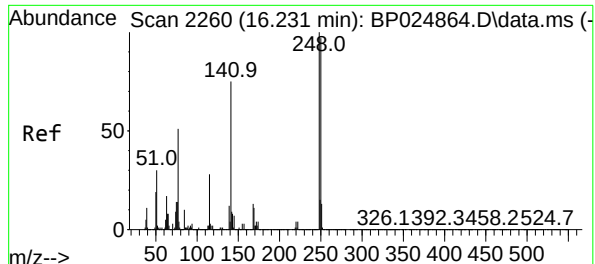
Ion Ratio Lower Upper

169 100

168 66.8 53.0 79.6

167 36.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 35.890 ng
RT: 16.237 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

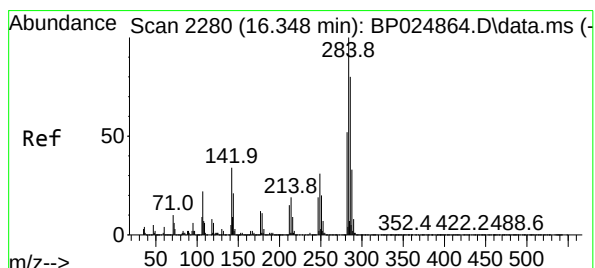
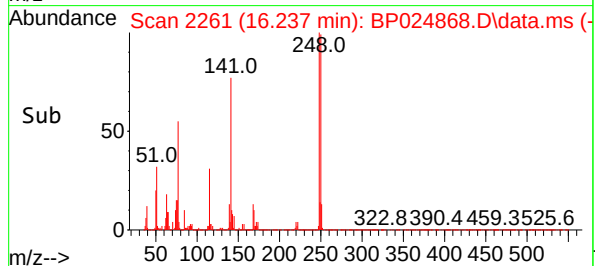
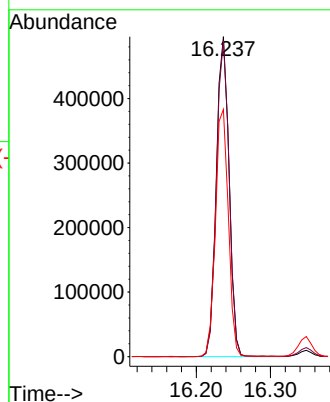
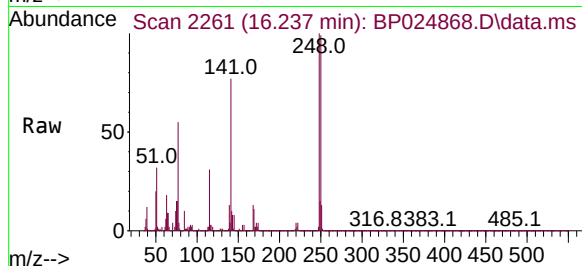
ClientSampleId :

ICVBP060625

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.4	116.2
141	77.2	59.9	89.9

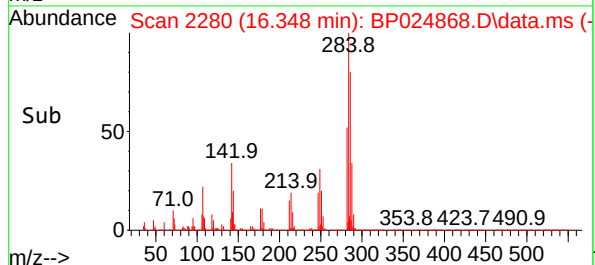
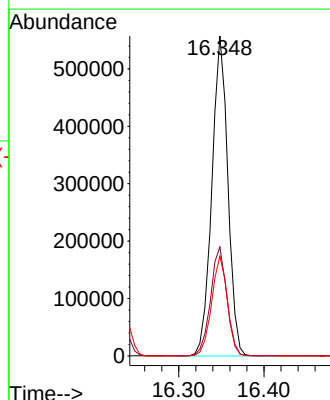
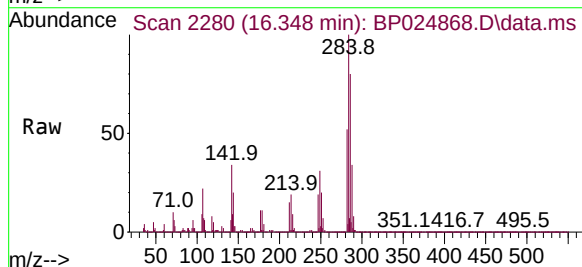
Manual Integrations
APPROVED

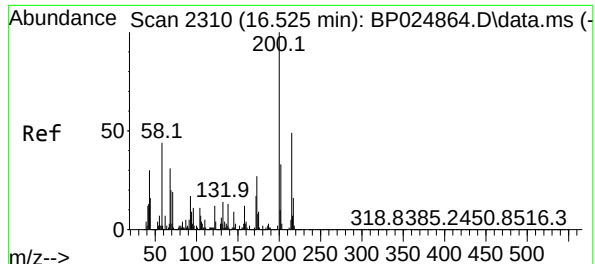
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#68
Hexachlorobenzene
Concen: 36.182 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

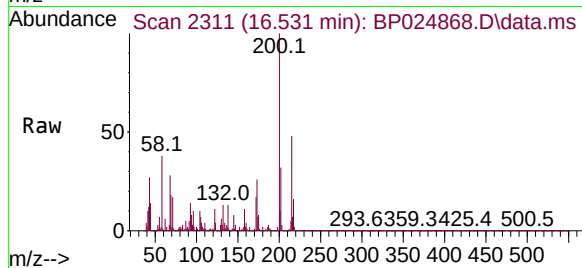
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.2	25.0	37.6





#69
Atrazine
Concen: 37.108 ng
RT: 16.531 min Scan# 2311
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

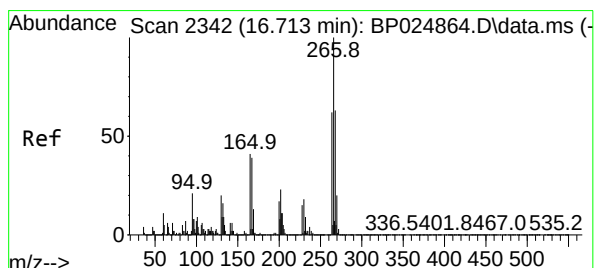
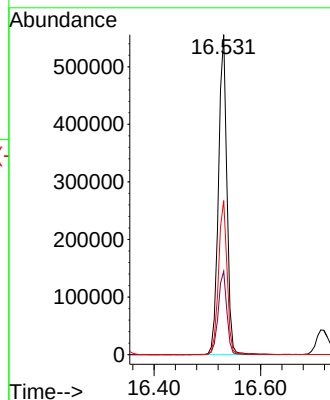
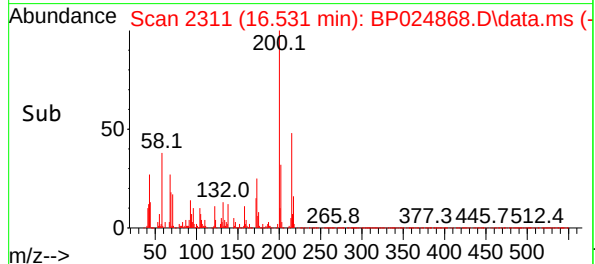
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:200 Resp: 611440
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 48.1 28.7 68.7

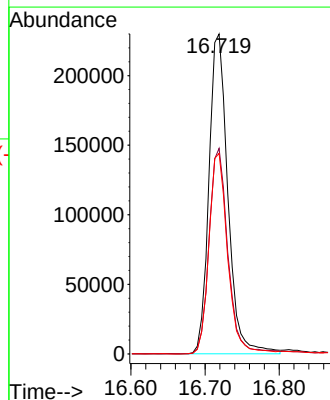
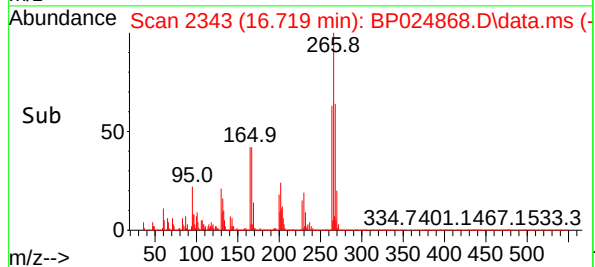
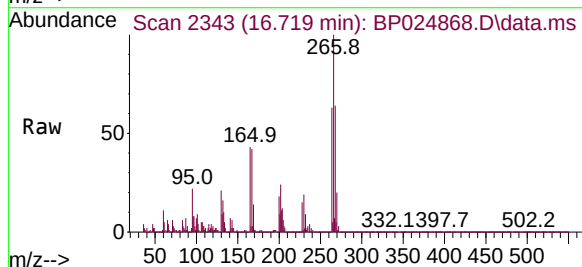
Manual Integrations
APPROVED

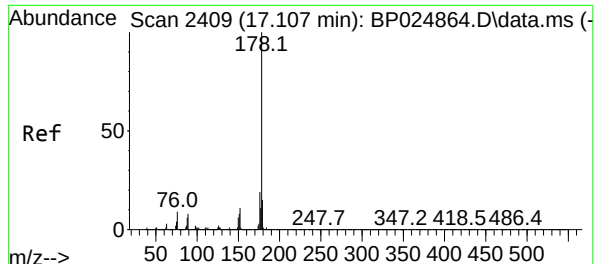
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#70
Pentachlorophenol
Concen: 39.247 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:266 Resp: 407441
Ion Ratio Lower Upper
266 100
268 64.2 50.6 76.0
264 62.7 49.7 74.5





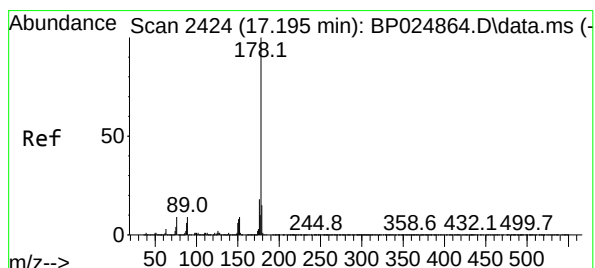
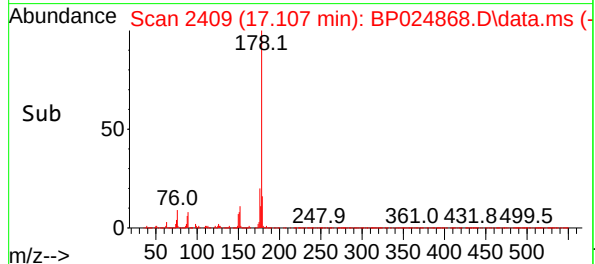
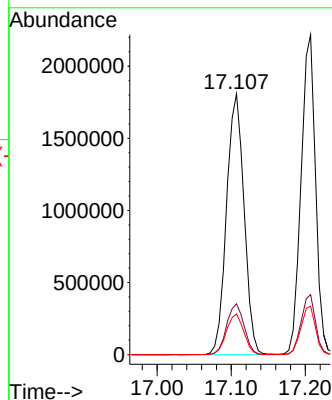
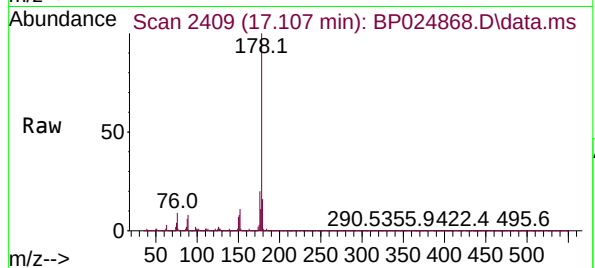
#71
Phenanthrene
Concen: 36.595 ng
RT: 17.107 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:178 Resp: 2965536
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.1 18.1

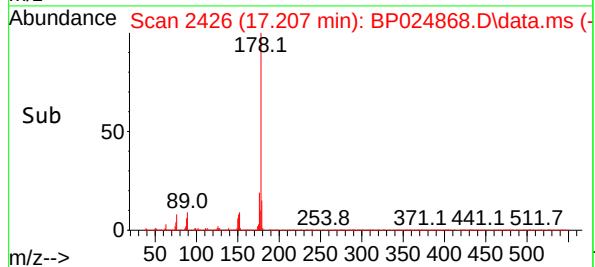
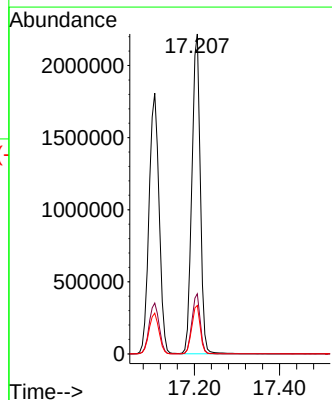
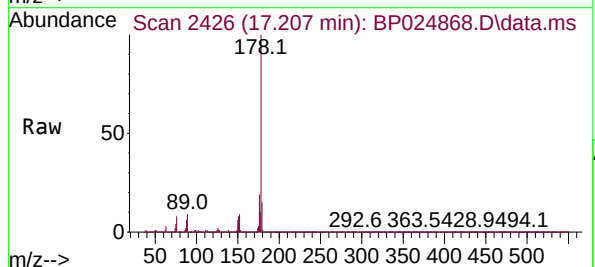
Manual Integrations
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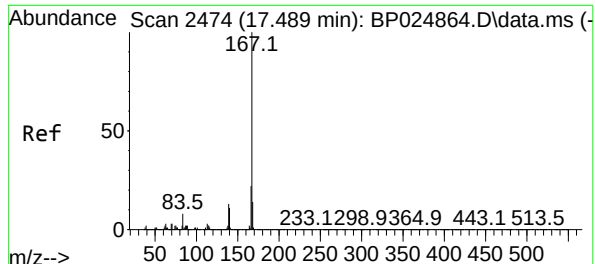
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 36.903 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

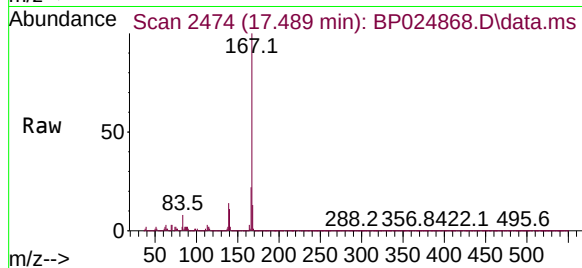
Tgt Ion:178 Resp: 3028697
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.1 12.3 18.5





#73
Carbazole
Concen: 37.755 ng
RT: 17.489 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

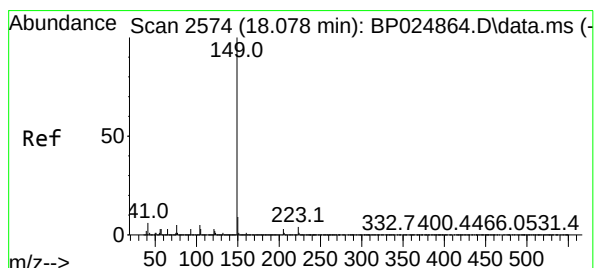
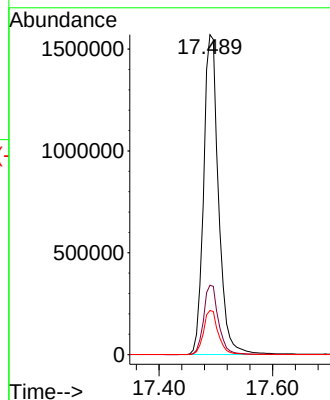
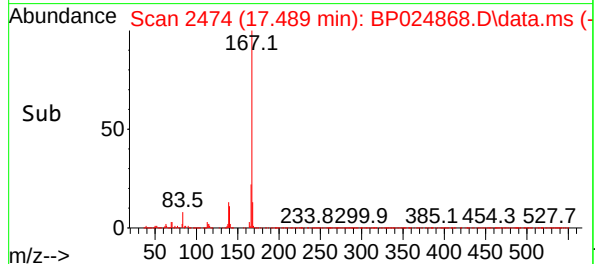
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:167 Resp: 2872120
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.8 10.8 16.2

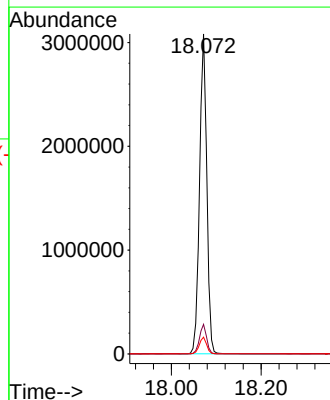
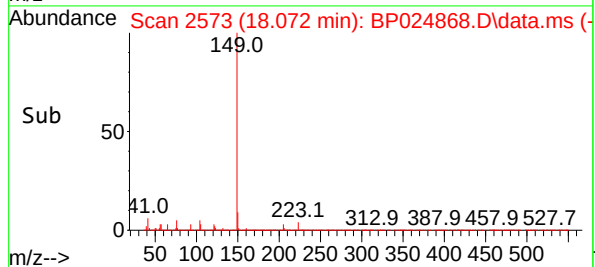
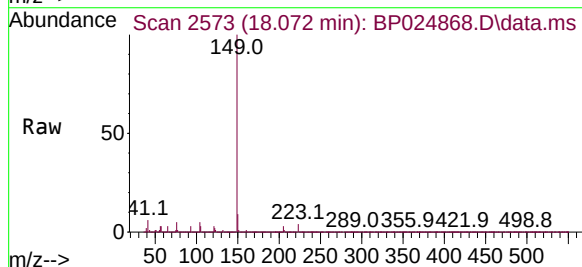
Manual Integrations
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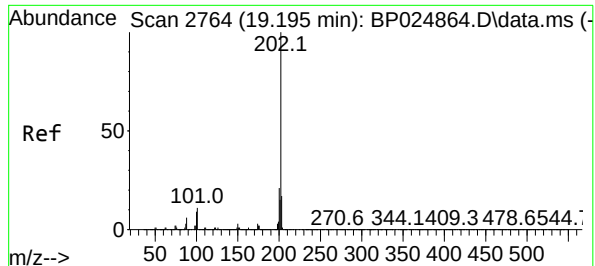
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#74
Di-n-butylphthalate
Concen: 36.500 ng
RT: 18.072 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

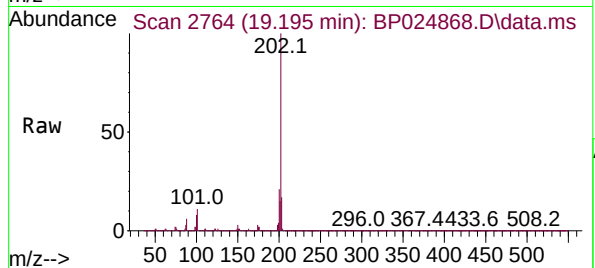
Tgt Ion:149 Resp: 3440228
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 36.337 ng
RT: 19.195 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

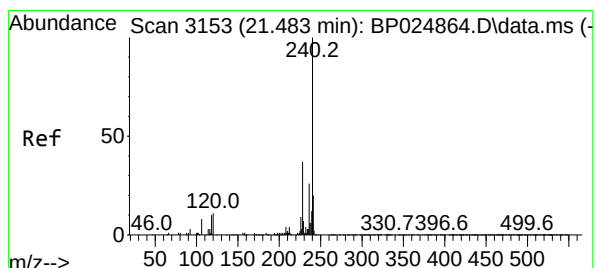
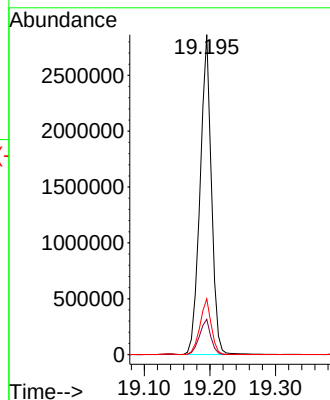
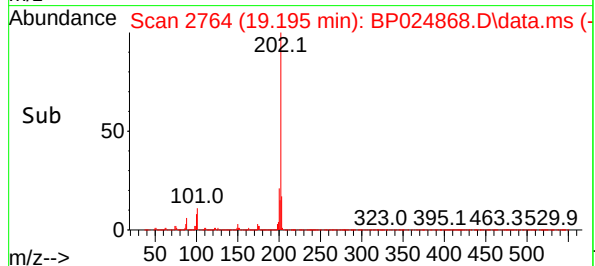
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:202 Resp: 341302
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.4 0.0 37.5

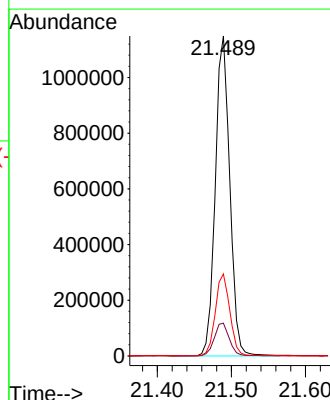
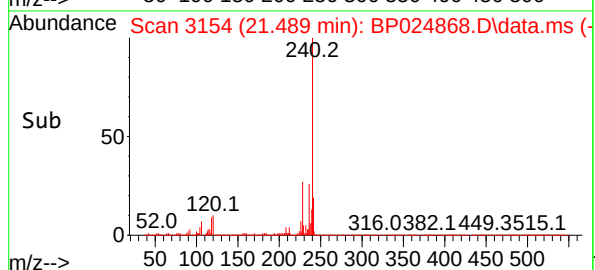
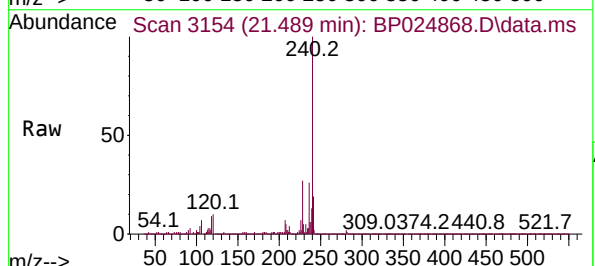
Manual Integrations
APPROVED

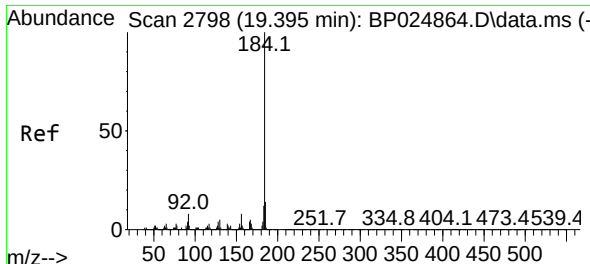
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

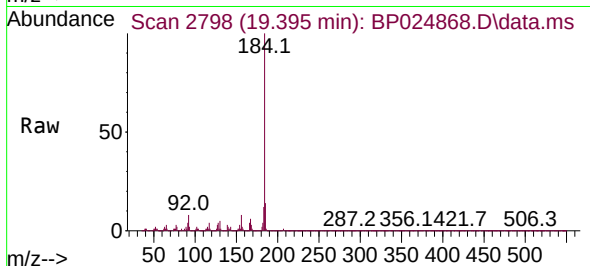
Tgt Ion:240 Resp: 1557824
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.6 20.9 31.3





#77
Benzidine
Concen: 44.696 ng
RT: 19.395 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

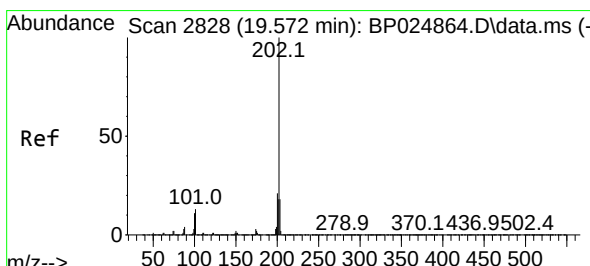
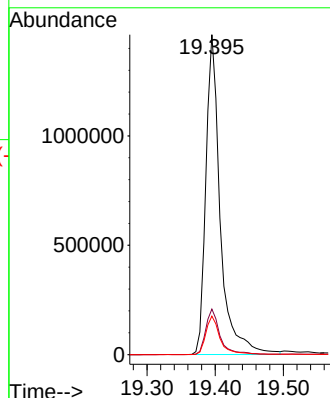
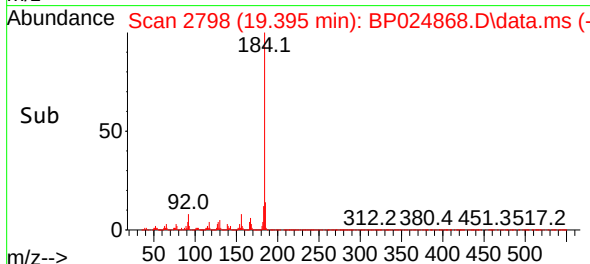
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:184 Resp: 2156500
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 12.0 9.5 14.3

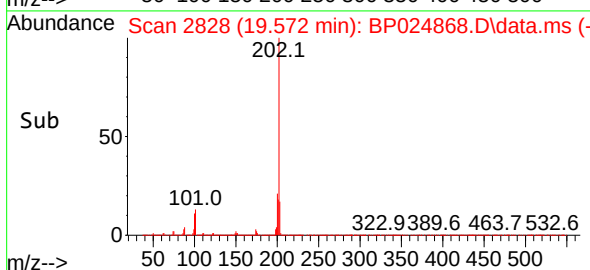
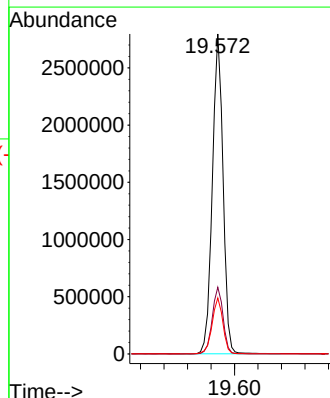
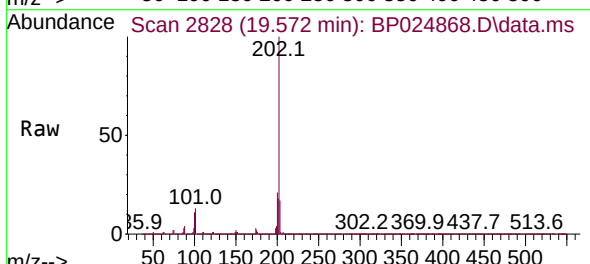
Manual Integrations
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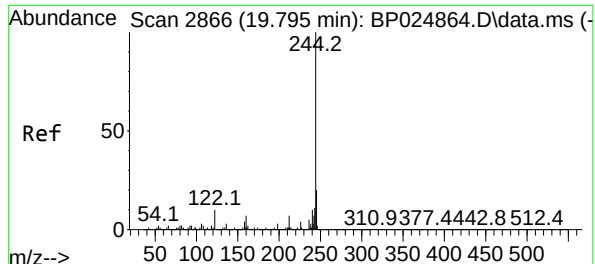
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#78
Pyrene
Concen: 36.241 ng
RT: 19.572 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:202 Resp: 3527120
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.5 14.0 21.0





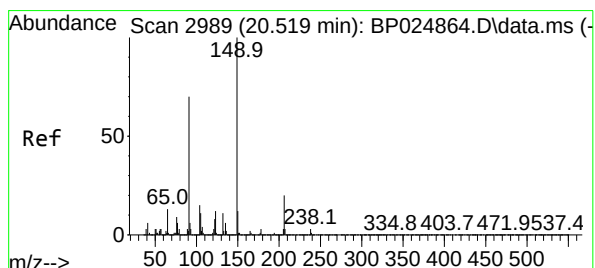
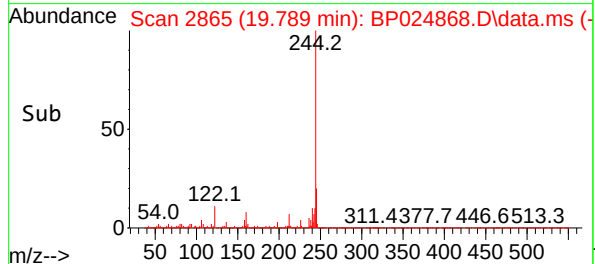
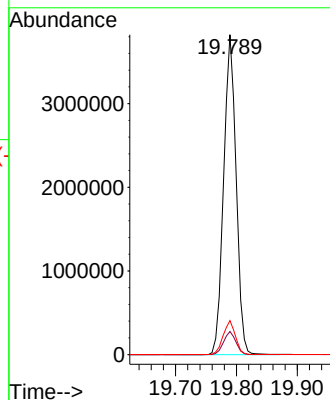
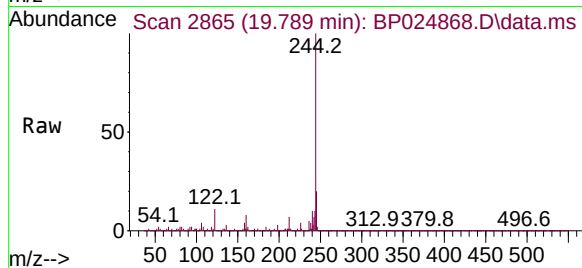
#79
Terphenyl-d14
Concen: 62.551 ng
RT: 19.789 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
Client Sample Id :
ICVBP060625

Tgt Ion:244 Resp: 5436960
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.6 7.7 11.5

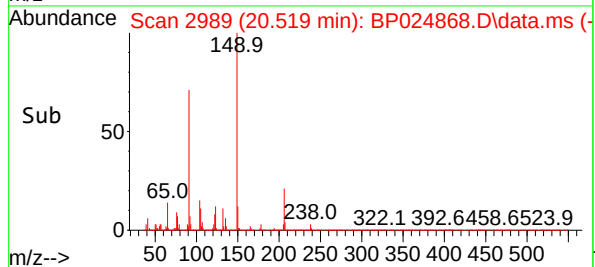
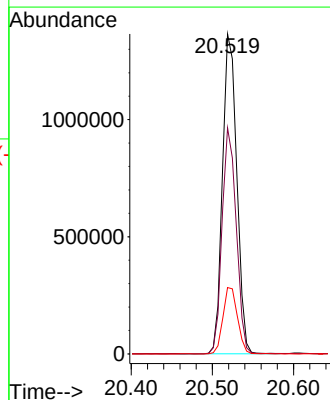
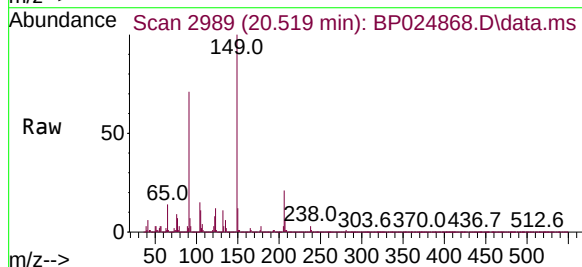
Manual Integrations
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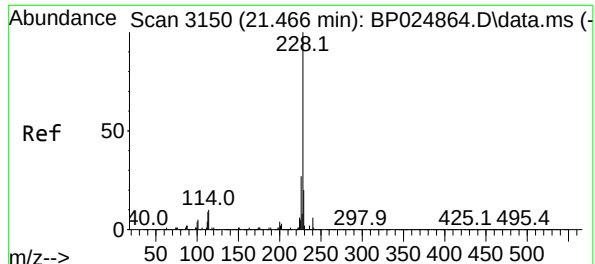
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#80
Butylbenzylphthalate
Concen: 37.347 ng
RT: 20.519 min Scan# 2989
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 1664895
Ion Ratio Lower Upper
149 100
91 70.6 55.8 83.8
206 20.7 16.2 24.2





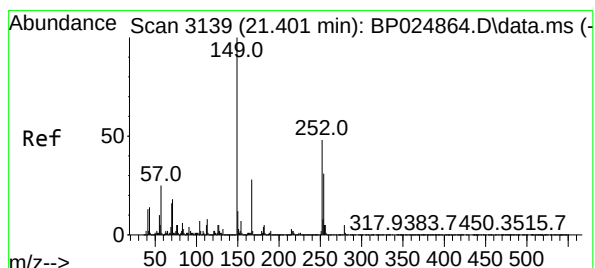
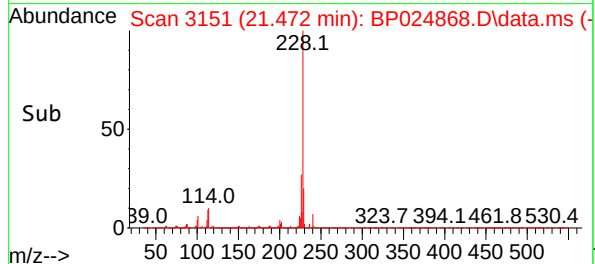
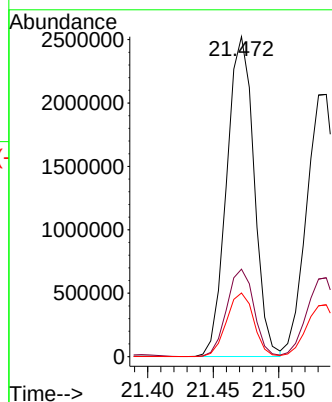
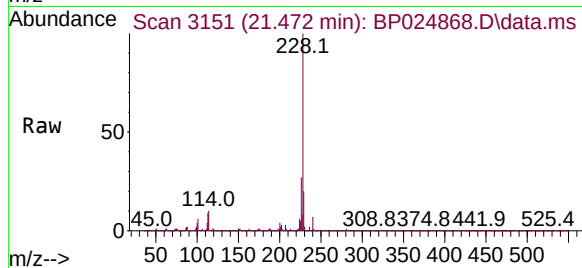
#81
Benzo(a)anthracene
Concen: 36.741 ng
RT: 21.472 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:228 Resp: 3660732
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.9 23.9

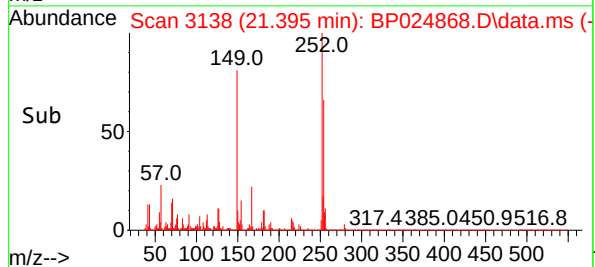
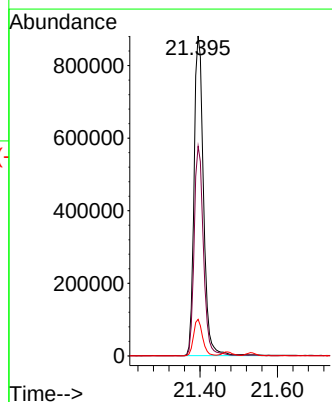
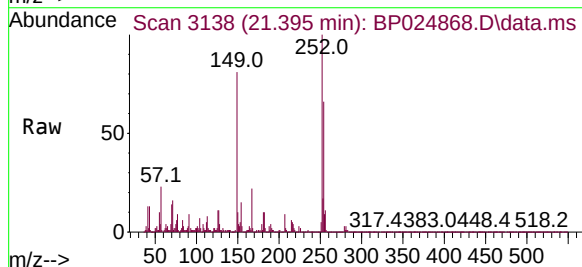
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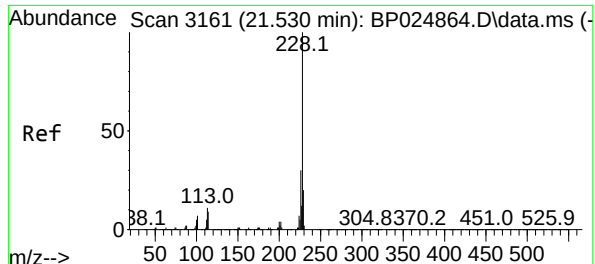
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 37.613 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

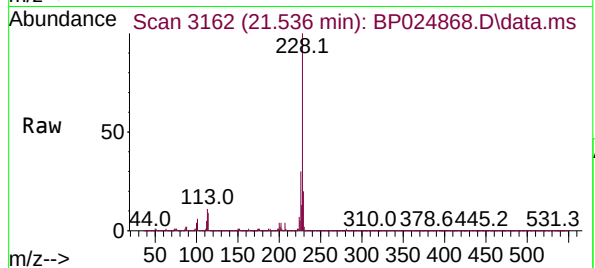
Tgt Ion:252 Resp: 1487801
Ion Ratio Lower Upper
252 100
254 65.5 51.2 76.8
126 11.4 8.6 12.8





#83
Chrysene
Concen: 36.421 ng
RT: 21.536 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

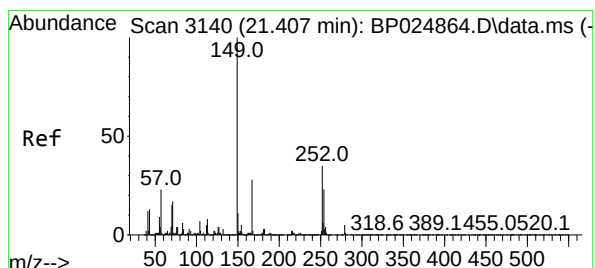
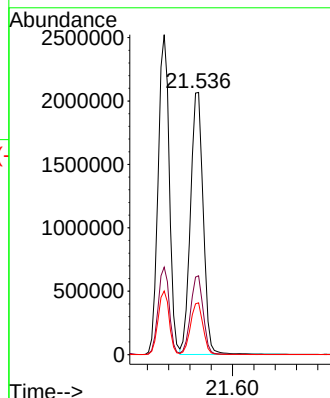
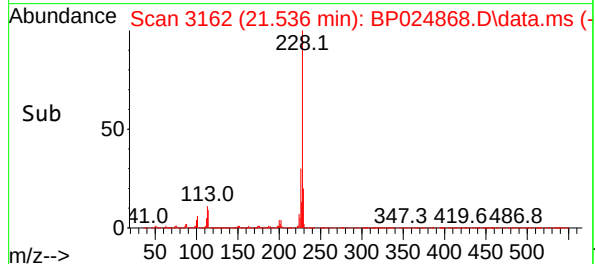
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:228 Resp: 343839
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.8 15.6 23.4

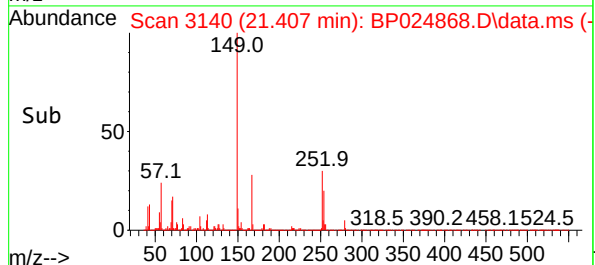
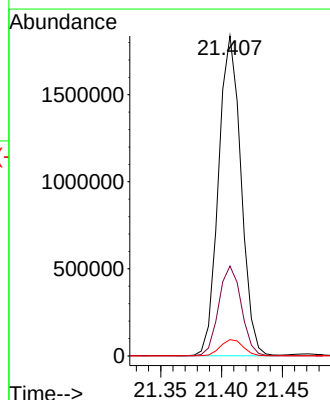
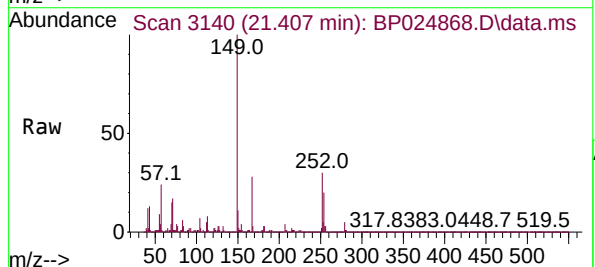
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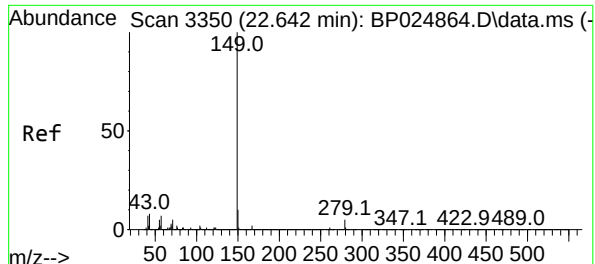
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.041 ng
RT: 21.407 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 2365859
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.1 4.0 6.0





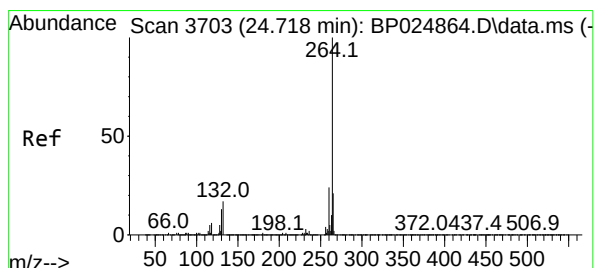
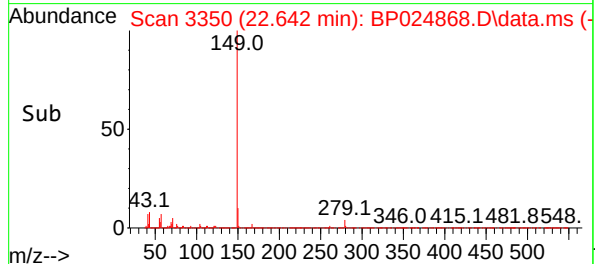
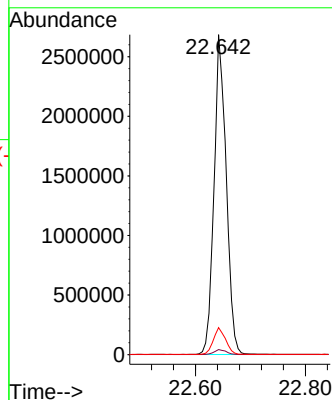
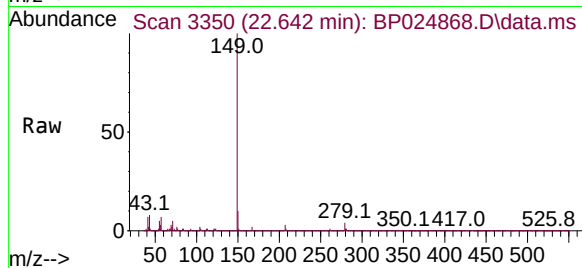
#85
Di-n-octyl phthalate
Concen: 36.654 ng
RT: 22.642 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
Client Sample Id :
ICVBP060625

Tgt Ion:149 Resp: 4126479
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.6 10.0

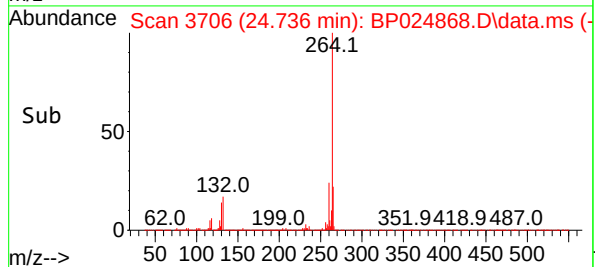
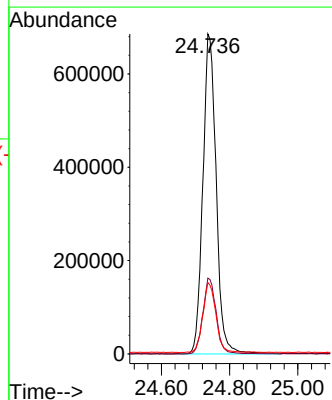
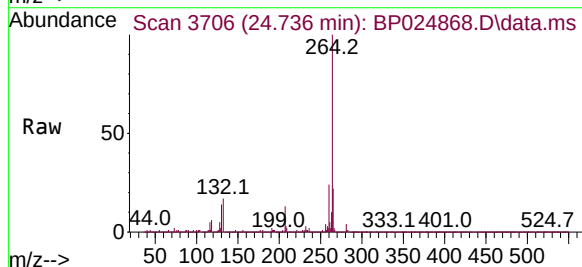
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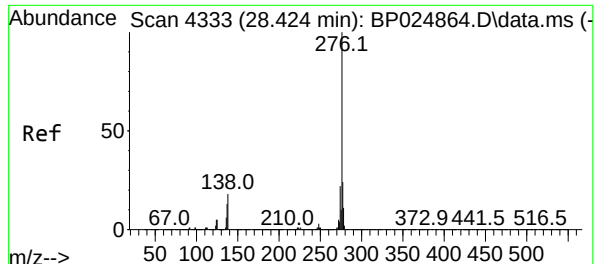
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:264 Resp: 1860226
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.578 ng

RT: 28.436 min Scan# 4333

Delta R.T. 0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:276 Resp: 5100289

Ion Ratio Lower Upper

276 100

138 22.9 18.6 27.8

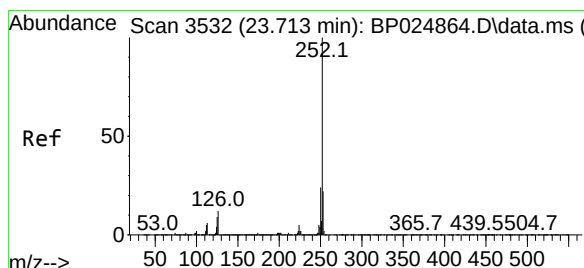
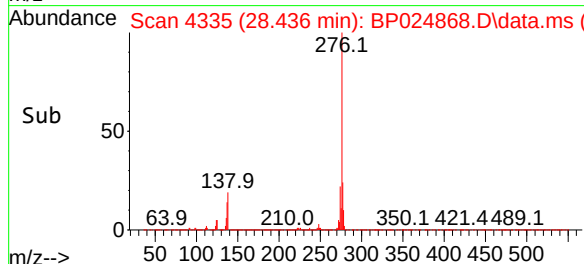
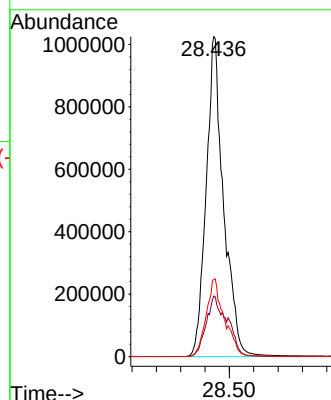
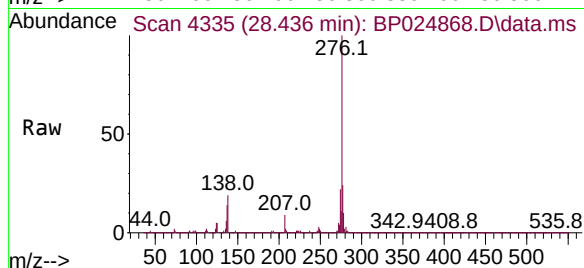
277 25.3 20.2 30.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#88

Benzo(b)fluoranthene

Concen: 36.735 ng

RT: 23.718 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

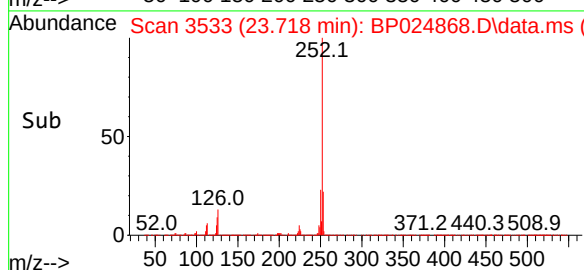
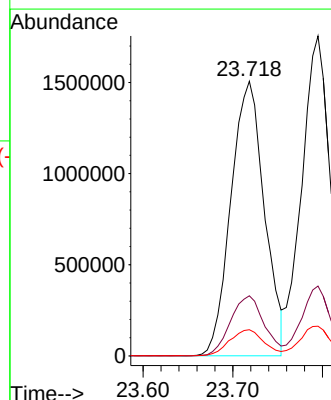
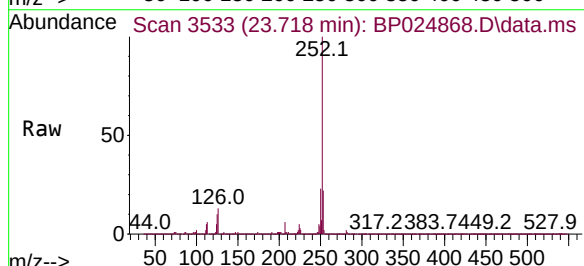
Tgt Ion:252 Resp: 3910900

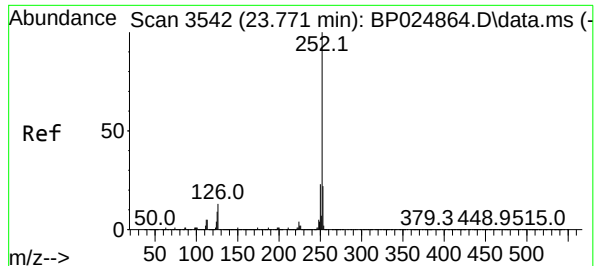
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 36.032 ng

RT: 23.795 min Scan# 3542

Delta R.T. 0.023 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:252 Resp: 3904662

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

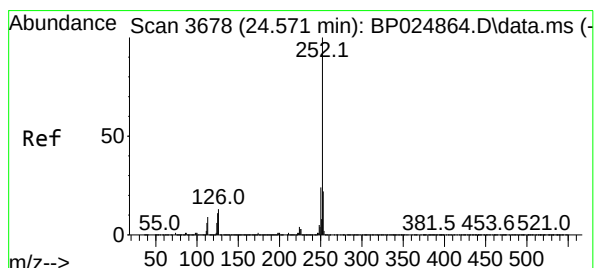
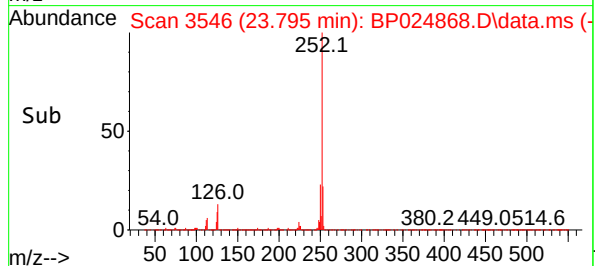
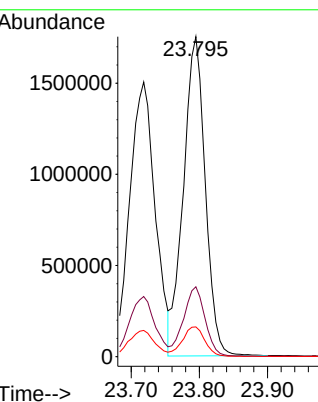
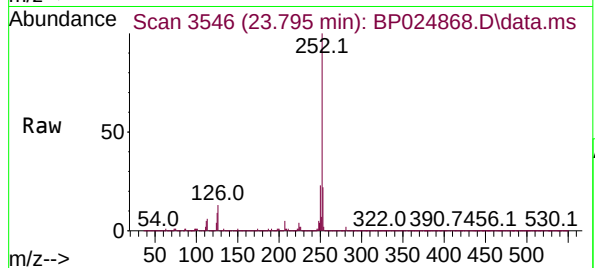
125 9.3 7.4 11.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 36.932 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.024 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

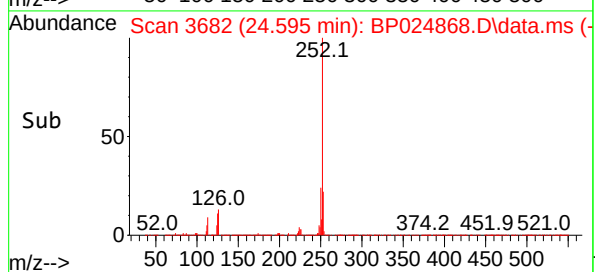
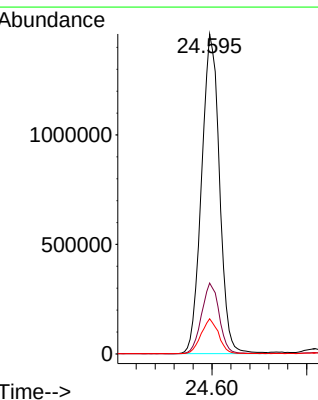
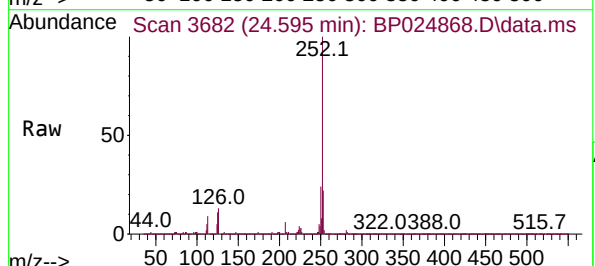
Tgt Ion:252 Resp: 3839776

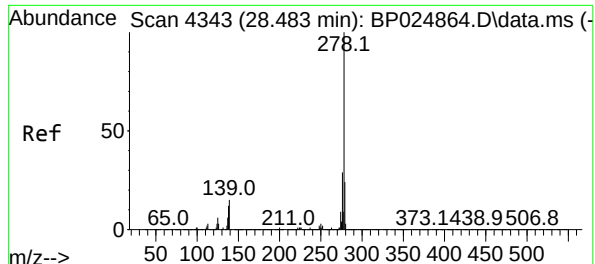
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

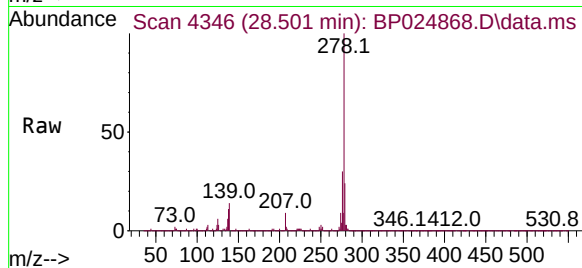
125 11.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 37.321 ng
RT: 28.501 min Scan# 4343
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

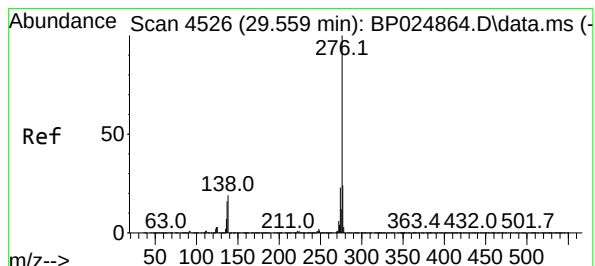
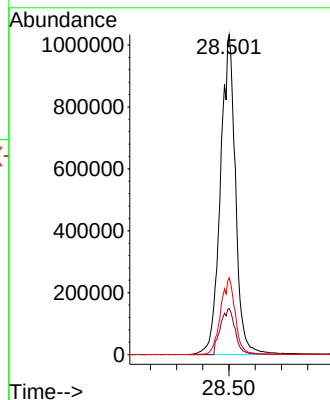
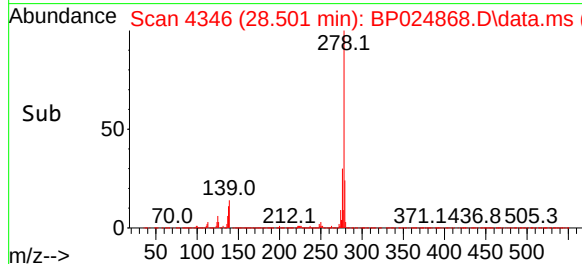
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 278 Resp: 412311
Ion Ratio Lower Upper
278 100
139 14.4 12.0 18.0
279 24.0 19.1 28.7

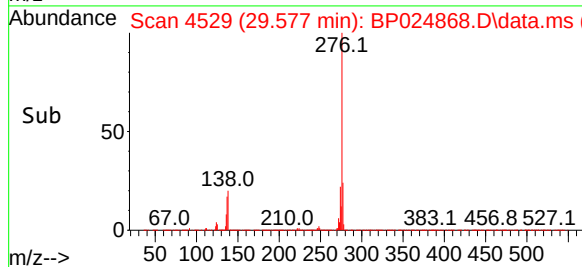
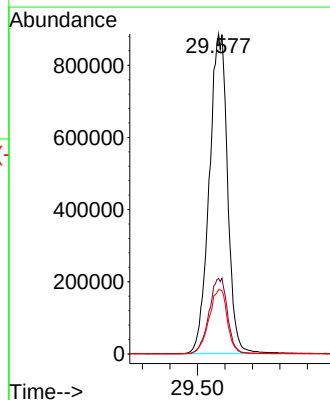
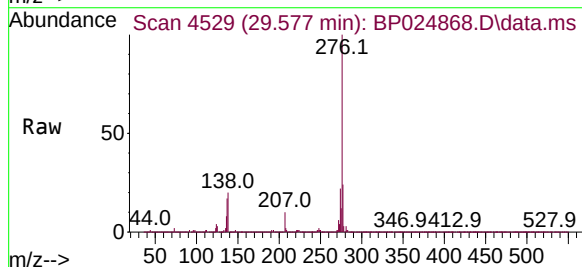
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Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 37.385 ng
RT: 29.577 min Scan# 4529
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 276 Resp: 4097986
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 20.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	103	-0.02
2	1,4-Dioxane	0.527	0.466	11.6	97	0.00
3	Pyridine	1.268	1.271	-0.2	107	-0.01
4	n-Nitrosodimethylamine	0.518	0.537	-3.7	110	-0.01
5 S	2-Fluorophenol	1.198	1.097	8.4	97	-0.01
6	Aniline	2.023	2.033	-0.5	106	-0.02
7 S	Phenol-d6	1.585	1.516	4.4	101	-0.01
8	2-Chlorophenol	1.358	1.326	2.4	104	-0.02
9	Benzaldehyde	0.914	1.110	-21.4	131	-0.02
10 C	Phenol	1.634	1.630	0.2	106	-0.02
11	bis(2-Chloroethyl)ether	1.285	1.265	1.6	106	-0.02
12	1,3-Dichlorobenzene	1.515	1.417	6.5	103	-0.01
13 C	1,4-Dichlorobenzene	1.529	1.430	6.5	103	-0.01
14	1,2-Dichlorobenzene	1.501	1.391	7.3	102	-0.02
15	Benzyl Alcohol	1.217	1.243	-2.1	110	-0.02
16	2,2'-oxybis(1-Chloropropane	1.682	1.637	2.7	107	0.00
17	2-Methylphenol	1.141	1.141	0.0	106	-0.02
18	Hexachloroethane	0.576	0.535	7.1	101	-0.01
19 P	n-Nitroso-di-n-propylamine	1.078	1.078	0.0	107	-0.01
20	3+4-Methylphenols	1.557	1.536	1.3	106	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	108	-0.01
22	Acetophenone	0.505	0.487	3.6	107	-0.01
23 S	Nitrobenzene-d5	0.412	0.345	16.3	92	-0.01
24	Nitrobenzene	0.366	0.359	1.9	107	-0.01
25	Isophorone	0.713	0.697	2.2	108	-0.01
26 C	2-Nitrophenol	0.180	0.178	1.1	106	-0.01
27	2,4-Dimethylphenol	0.309	0.299	3.2	106	-0.02
28	bis(2-Chloroethoxy)methane	0.426	0.408	4.2	106	-0.02
29 C	2,4-Dichlorophenol	0.296	0.289	2.4	107	-0.01
30	1,2,4-Trichlorobenzene	0.334	0.305	8.7	104	-0.01
31	Naphthalene	1.025	0.950	7.3	103	-0.02
32	Benzoic acid	0.209	0.211	-1.0	111	-0.01
33	4-Chloroaniline	0.429	0.425	0.9	107	-0.01
34 C	Hexachlorobutadiene	0.201	0.183	9.0	101	-0.01
35	Caprolactam	0.109	0.112	-2.8	110	-0.01
36 C	4-Chloro-3-methylphenol	0.342	0.346	-1.2	109	-0.01
37	2-Methylnaphthalene	0.650	0.625	3.8	106	-0.01
38	1-Methylnaphthalene	0.695	0.655	5.8	105	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	108	0.00
40	1,2,4,5-Tetrachlorobenzene	0.568	0.527	7.2	106	0.00
41 P	Hexachlorocyclopentadiene	0.346	0.330	4.6	106	-0.01
42 S	2,4,6-Tribromophenol	0.277	0.253	8.7	102	0.00
43 C	2,4,6-Trichlorophenol	0.381	0.370	2.9	107	-0.01
44	2,4,5-Trichlorophenol	0.408	0.399	2.2	106	0.00
45 S	2-Fluorobiphenyl	1.485	1.159	22.0	90	-0.01
46	1,1'-Biphenyl	1.453	1.363	6.2	106	0.00
47	2-Chloronaphthalene	1.117	1.030	7.8	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP060625

Quant Time: Jun 06 17:28:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	0.343	0.350	-2.0	110	0.00
49	Acenaphthylene	1.863	1.736	6.8	106	0.00
50	Dimethylphthalate	1.475	1.372	7.0	106	0.00
51	2,6-Dinitrotoluene	0.318	0.303	4.7	105	0.00
52 C	Acenaphthene	1.067	1.000	6.3	106	0.00
53	3-Nitroaniline	0.330	0.335	-1.5	107	0.00
54 P	2,4-Dinitrophenol	0.178	0.182	-2.2	110	0.00
55	Dibenzofuran	1.713	1.568	8.5	104	0.00
56 P	4-Nitrophenol	0.239	0.247	-3.3	108	0.00
57	2,4-Dinitrotoluene	0.445	0.433	2.7	107	0.00
58	Fluorene	1.384	1.282	7.4	106	0.00
59	2,3,4,6-Tetrachlorophenol	0.365	0.350	4.1	107	0.00
60	Diethylphthalate	1.470	1.384	5.9	108	0.00
61	4-Chlorophenyl-phenylether	0.677	0.623	8.0	106	0.00
62	4-Nitroaniline	0.299	0.316	-5.7	110	0.00
63	Azobenzene	1.349	1.288	4.5	107	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00
65	4,6-Dinitro-2-methylphenol	0.131	0.128	2.3	110	0.00
66 c	n-Nitrosodiphenylamine	0.620	0.571	7.9	107	0.00
67	4-Bromophenyl-phenylether	0.226	0.202	10.6	107	0.00
68	Hexachlorobenzene	0.274	0.247	9.9	107	0.00
69	Atrazine	0.225	0.208	7.6	108	0.00
70 C	Pentachlorophenol	0.142	0.139	2.1	113	0.00
71	Phenanthrene	1.105	1.011	8.5	107	0.00
72	Anthracene	1.119	1.033	7.7	108	0.01
73	Carbazole	1.038	0.979	5.7	110	0.00
74	Di-n-butylphthalate	1.285	1.173	8.7	103	0.00
75 C	Fluoranthene	1.281	1.164	9.1	107	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77	Benzidine	0.619	0.692	-11.8	118	0.00
78	Pyrene	1.249	1.132	9.4	107	0.00
79 S	Terphenyl-d14	1.116	0.873	21.8	89	0.00
80	Butylbenzylphthalate	0.572	0.534	6.6	106	0.00
81	Benzo(a)anthracene	1.279	1.175	8.1	107	0.00
82	3,3'-Dichlorobenzidine	0.508	0.478	5.9	108	0.00
83	Chrysene	1.212	1.104	8.9	108	0.00
84	Bis(2-ethylhexyl)phthalate	0.820	0.759	7.4	106	0.00
85 c	Di-n-octyl phthalate	1.445	1.324	8.4	107	0.00
86 I	Perylene-d12	1.000	1.000	0.0	113	0.02
87	Indeno(1,2,3-cd)pyrene	1.459	1.371	6.0	110	0.01
88	Benzo(b)fluoranthene	1.145	1.051	8.2	106	0.00
89	Benzo(k)fluoranthene	1.165	1.050	9.9	107	0.02
90 C	Benzo(a)pyrene	1.118	1.032	7.7	109	0.02
91	Dibenzo(a,h)anthracene	1.188	1.108	6.7	110	0.02
92	Benzo(g,h,i)perylene	1.179	1.101	6.6	110	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	103	-0.02
2	1,4-Dioxane	40.000	35.338	11.7	97	0.00
3	Pyridine	40.000	40.092	-0.2	107	-0.01
4	n-Nitrosodimethylamine	40.000	41.411	-3.5	110	-0.01
5 S	2-Fluorophenol	80.000	73.239	8.5	97	-0.01
6	Aniline	40.000	40.192	-0.5	106	-0.02
7 S	Phenol-d6	80.000	76.488	4.4	101	-0.01
8	2-Chlorophenol	40.000	39.034	2.4	104	-0.02
9	Benzaldehyde	40.000	48.599	-21.5	131	-0.02
10 C	Phenol	40.000	39.895	0.3	106	-0.02
11	bis(2-Chloroethyl)ether	40.000	39.368	1.6	106	-0.02
12	1,3-Dichlorobenzene	40.000	37.402	6.5	103	-0.01
13 C	1,4-Dichlorobenzene	40.000	37.417	6.5	103	-0.01
14	1,2-Dichlorobenzene	40.000	37.071	7.3	102	-0.02
15	Benzyl Alcohol	40.000	40.859	-2.1	110	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	38.927	2.7	107	0.00
17	2-Methylphenol	40.000	39.981	0.0	106	-0.02
18	Hexachloroethane	40.000	37.151	7.1	101	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.009	-0.0	107	-0.01
20	3+4-Methylphenols	40.000	39.466	1.3	106	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	108	-0.01
22	Acetophenone	40.000	38.549	3.6	107	-0.01
23 S	Nitrobenzene-d5	80.000	67.150	16.1	92	-0.01
24	Nitrobenzene	40.000	39.258	1.9	107	-0.01
25	Isophorone	40.000	39.109	2.2	108	-0.01
26 C	2-Nitrophenol	40.000	39.558	1.1	106	-0.01
27	2,4-Dimethylphenol	40.000	38.761	3.1	106	-0.02
28	bis(2-Chloroethoxy)methane	40.000	38.351	4.1	106	-0.02
29 C	2,4-Dichlorophenol	40.000	39.046	2.4	107	-0.01
30	1,2,4-Trichlorobenzene	40.000	36.514	8.7	104	-0.01
31	Naphthalene	40.000	37.089	7.3	103	-0.02
32	Benzoic acid	40.000	40.420	-1.1	111	-0.01
33	4-Chloroaniline	40.000	39.581	1.0	107	-0.01
34 C	Hexachlorobutadiene	40.000	36.314	9.2	101	-0.01
35	Caprolactam	40.000	41.229	-3.1	110	-0.01
36 C	4-Chloro-3-methylphenol	40.000	40.474	-1.2	109	-0.01
37	2-Methylnaphthalene	40.000	38.430	3.9	106	-0.01
38	1-Methylnaphthalene	40.000	37.674	5.8	105	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	108	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.136	7.2	106	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.177	4.6	106	-0.01
42 S	2,4,6-Tribromophenol	80.000	73.160	8.6	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.812	3.0	107	-0.01
44	2,4,5-Trichlorophenol	40.000	39.064	2.3	106	0.00
45 S	2-Fluorobiphenyl	80.000	62.434	22.0	90	-0.01
46	1,1'-Biphenyl	40.000	37.502	6.2	106	0.00
47	2-Chloronaphthalene	40.000	36.886	7.8	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	40.813	-2.0	110	0.00
49	Acenaphthylene	40.000	37.274	6.8	106	0.00
50	Dimethylphthalate	40.000	37.185	7.0	106	0.00
51	2,6-Dinitrotoluene	40.000	38.111	4.7	105	0.00
52 C	Acenaphthene	40.000	37.472	6.3	106	0.00
53	3-Nitroaniline	40.000	40.626	-1.6	107	0.00
54 P	2,4-Dinitrophenol	40.000	38.197	4.5	110	0.00
55	Dibenzofuran	40.000	36.605	8.5	104	0.00
56 P	4-Nitrophenol	40.000	38.363	4.1	108	0.00
57	2,4-Dinitrotoluene	40.000	38.936	2.7	107	0.00
58	Fluorene	40.000	37.043	7.4	106	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.401	4.0	107	0.00
60	Diethylphthalate	40.000	37.642	5.9	108	0.00
61	4-Chlorophenyl-phenylether	40.000	36.814	8.0	106	0.00
62	4-Nitroaniline	40.000	42.233	-5.6	110	0.00
63	Azobenzene	40.000	38.217	4.5	107	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	112	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.956	2.6	110	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.846	7.9	107	0.00
67	4-Bromophenyl-phenylether	40.000	35.890	10.3	107	0.00
68	Hexachlorobenzene	40.000	36.182	9.5	107	0.00
69	Atrazine	40.000	37.108	7.2	108	0.00
70 C	Pentachlorophenol	40.000	39.247	1.9	113	0.00
71	Phenanthrene	40.000	36.595	8.5	107	0.00
72	Anthracene	40.000	36.903	7.7	108	0.01
73	Carbazole	40.000	37.755	5.6	110	0.00
74	Di-n-butylphthalate	40.000	36.500	8.8	103	0.00
75 C	Fluoranthene	40.000	36.337	9.2	107	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77	Benzidine	40.000	44.696	-11.7	118	0.00
78	Pyrene	40.000	36.241	9.4	107	0.00
79 S	Terphenyl-d14	80.000	62.551	21.8	89	0.00
80	Butylbenzylphthalate	40.000	37.347	6.6	106	0.00
81	Benzo(a)anthracene	40.000	36.741	8.1	107	0.00
82	3,3'-Dichlorobenzidine	40.000	37.613	6.0	108	0.00
83	Chrysene	40.000	36.421	8.9	108	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.041	7.4	106	0.00
85 c	Di-n-octyl phthalate	40.000	36.654	8.4	107	0.00
86 I	Perylene-d12	20.000	20.000	0.0	113	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.578	6.1	110	0.01
88	Benzo(b)fluoranthene	40.000	36.735	8.2	106	0.00
89	Benzo(k)fluoranthene	40.000	36.032	9.9	107	0.02
90 C	Benzo(a)pyrene	40.000	36.932	7.7	109	0.02
91	Dibenzo(a,h)anthracene	40.000	37.321	6.7	110	0.02
92	Benzo(g,h,i)perylene	40.000	37.385	6.5	110	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2230 SAS No.: Q2230 SDG No.: Q2230

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.175		-1.9	
Phenol-d6	1.585	1.601		1.0	
Nitrobenzene-d5	0.412	0.405		-1.7	
Naphthalene	1.025	0.984		-4.0	
2-Fluorobiphenyl	1.485	1.394		-6.1	
Acenaphthylene	1.863	1.770		-5.0	
Acenaphthene	1.067	1.029		-3.6	20.0
Fluorene	1.384	1.326		-4.2	
2,4,6-Tribromophenol	0.277	0.273		-1.4	
Phenanthrene	1.105	1.056		-4.4	
Anthracene	1.119	1.067		-4.6	
Fluoranthene	1.281	1.200		-6.3	20.0
Pyrene	1.249	1.182		-5.4	
Terphenyl-d14	1.116	1.046		-6.3	
Benzo (a) anthracene	1.279	1.229		-3.9	
Chrysene	1.212	1.154		-4.8	
Benzo (b) fluoranthene	1.145	1.096		-4.3	
Benzo (k) fluoranthene	1.165	1.086		-6.8	
Benzo (a) pyrene	1.118	1.057		-5.5	20.0
Indeno (1,2,3-cd) pyrene	1.459	1.436		-1.6	
Dibenzo (a,h) anthracene	1.188	1.170		-1.5	
Benzo (g,h,i) perylene	1.179	1.158		-1.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 11:14:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	255229	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1115940	20.000	ng	0.00
39) Acenaphthene-d10	14.242	164	722087	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1406327	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1456984	20.000	ng	0.00
86) Perylene-d12	24.724	264	1778909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1199496	78.447	ng	0.00
7) Phenol-d6	6.813	99	1634108	80.773	ng	0.00
23) Nitrobenzene-d5	8.760	82	1808189	78.737	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	787365	78.869	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	4025076	75.092	ng	0.00
79) Terphenyl-d14	19.772	244	6095445	74.981	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	265533	39.467	ng	99
3) Pyridine	3.567	79	689182	42.594	ng	98
4) n-Nitrosodimethylamine	3.478	42	267010	40.365	ng	100
6) Aniline	6.949	93	1049995	40.669	ng	98
8) 2-Chlorophenol	7.184	128	685280	39.534	ng	98
9) Benzaldehyde	6.766	77	455649m	39.075	ng	
10) Phenol	6.837	94	850419	40.776	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	653387	39.832	ng	99
12) 1,3-Dichlorobenzene	7.496	146	732347	37.873	ng	98
13) 1,4-Dichlorobenzene	7.643	146	745968	38.233	ng	99
14) 1,2-Dichlorobenzene	7.955	146	717710	37.460	ng	99
15) Benzyl Alcohol	7.860	79	630051	40.579	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.137	45	832787	38.789	ng	98
17) 2-Methylphenol	8.066	107	588106	40.381	ng	99
18) Hexachloroethane	8.666	117	276609	37.656	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	555174	40.367	ng	99
20) 3+4-Methylphenols	8.396	107	804072	40.467	ng	97
22) Acetophenone	8.425	105	1098338	38.956	ng	# 100
24) Nitrobenzene	8.802	77	800749	39.249	ng	98
25) Isophorone	9.325	82	1547539	38.882	ng	99
26) 2-Nitrophenol	9.507	139	404106	40.144	ng	99
27) 2,4-Dimethylphenol	9.578	122	675766	39.225	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	912458	38.433	ng	99
29) 2,4-Dichlorophenol	10.049	162	661006	39.988	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	695864	37.323	ng	99
31) Naphthalene	10.425	128	2195188	38.386	ng	100
32) Benzoic acid	9.760	122	472238	40.563	ng	98
33) 4-Chloroaniline	10.549	127	968476	40.422	ng	100
34) Hexachlorobutadiene	10.707	225	418109	37.207	ng	99
35) Caprolactam	11.343	113	249771	41.048	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	774660	40.629	ng	98
37) 2-Methylnaphthalene	12.043	142	1432131	39.479	ng	99
38) 1-Methylnaphthalene	12.260	142	1506506	38.845	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	781589	38.146	ng	100
41) Hexachlorocyclopentadiene	12.396	237	479050	38.332	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	538063	39.103	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 11:14:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	600998	40.784	ng	98
46) 1,1'-Biphenyl	13.066	154	1994835	38.014	ng	99
47) 2-Chloronaphthalene	13.107	162	1543806	38.278	ng	99
48) 2-Nitroaniline	13.331	65	506207	40.825	ng	98
49) Acenaphthylene	13.966	152	2556300	38.013	ng	100
50) Dimethylphthalate	13.707	163	2022085	37.961	ng	100
51) 2,6-Dinitrotoluene	13.831	165	445371	38.784	ng	99
52) Acenaphthene	14.313	154	1485445	38.548	ng	99
53) 3-Nitroaniline	14.172	138	494719	41.514	ng	96
54) 2,4-Dinitrophenol	14.384	184	262463	38.223	ng	96
55) Dibenzofuran	14.654	168	2354168	38.059	ng	100
56) 4-Nitrophenol	14.525	139	364266	39.074	ng	98
57) 2,4-Dinitrotoluene	14.637	165	640380	39.866	ng	98
58) Fluorene	15.313	166	1914326	38.310	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	525400	39.904	ng	99
60) Diethylphthalate	15.084	149	2015313	37.963	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	905582	37.065	ng	100
62) 4-Nitroaniline	15.354	138	472390	43.719	ng	95
63) Azobenzene	15.607	77	1883823	38.692	ng	99
65) 4,6-Dinitro-2-methylph...	15.413	198	367928	39.815	ng	95
66) n-Nitrosodiphenylamine	15.537	169	1675390	38.436	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	606816	38.242	ng	98
68) Hexachlorobenzene	16.336	284	734824	38.199	ng	99
69) Atrazine	16.519	200	602255	38.113	ng	99
70) Pentachlorophenol	16.707	266	420547	42.241	ng	99
71) Phenanthrene	17.095	178	2969260	38.207	ng	99
72) Anthracene	17.189	178	3002181	38.143	ng	99
73) Carbazole	17.483	167	2826406	38.742	ng	100
74) Di-n-butylphthalate	18.054	149	3362066	37.195	ng	100
75) Fluoranthene	19.183	202	3375260	37.471	ng	99
77) Benzidine	19.383	184	1915629	42.452	ng	100
78) Pyrene	19.560	202	3443152	37.827	ng	100
80) Butylbenzylphthalate	20.507	149	1585622	38.030	ng	99
81) Benzo(a)anthracene	21.460	228	3579939	38.417	ng	99
82) 3,3'-Dichlorobenzidine	21.383	252	1431070	38.683	ng	99
83) Chrysene	21.524	228	3364139	38.101	ng	99
84) Bis(2-ethylhexyl)phtha...	21.389	149	2248290	37.636	ng	99
85) Di-n-octyl phthalate	22.630	149	3936161	37.383	ng	100
87) Indeno(1,2,3-cd)pyrene	28.412	276	5109505	39.367	ng	# 94
88) Benzo(b)fluoranthene	23.689	252	3899336	38.301	ng	99
89) Benzo(k)fluoranthene	23.765	252	3863940	37.286	ng	100
90) Benzo(a)pyrene	24.571	252	3762288	37.841	ng	99
91) Dibenzo(a,h)anthracene	28.465	278	4160909	39.385	ng	99
92) Benzo(g,h,i)perylene	29.553	276	4120588	39.310	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

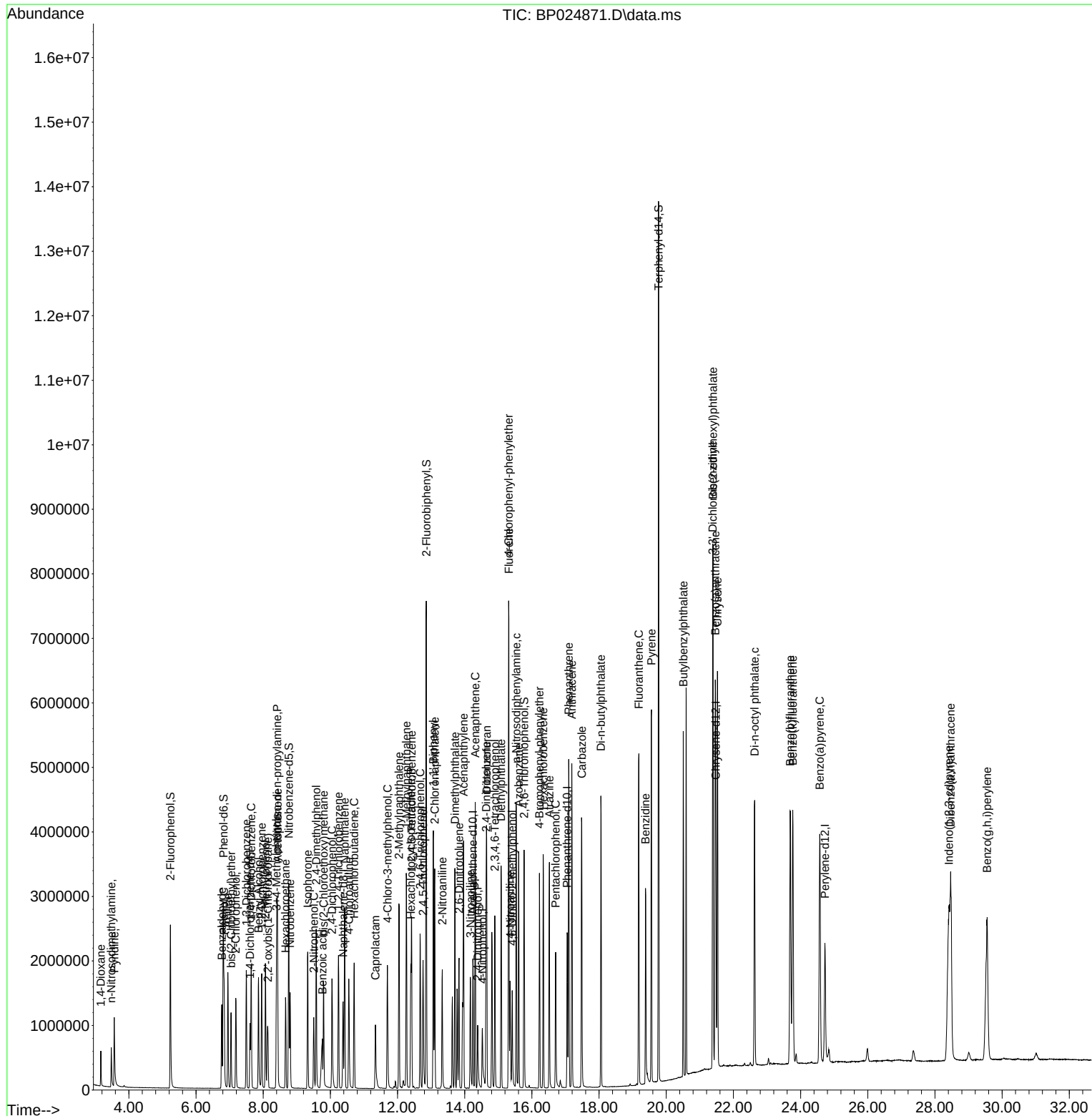
Quant Time: Jun 09 11:14:38 2025

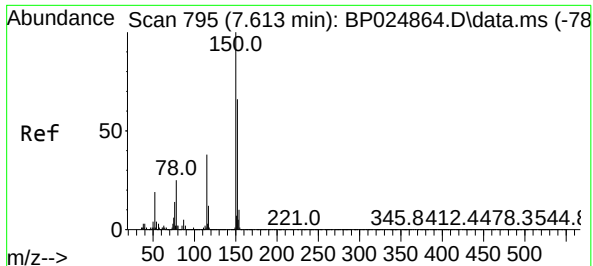
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration





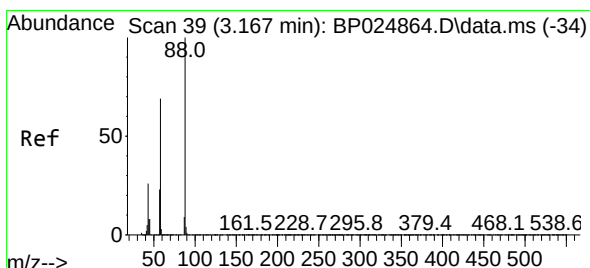
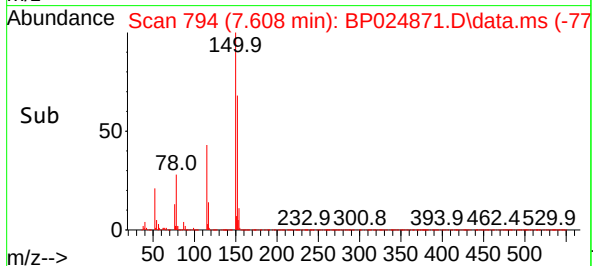
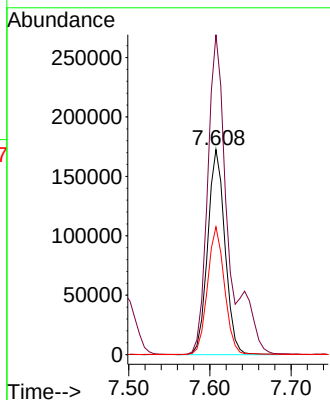
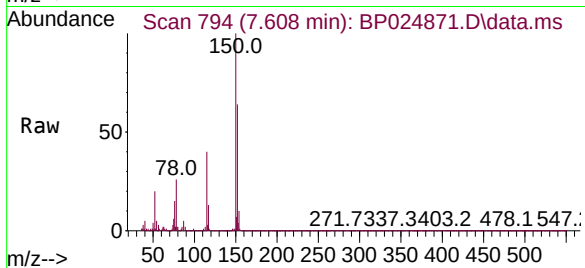
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 255229
Ion Ratio Lower Upper
152 100
150 156.0 122.1 183.1
115 62.3 46.4 69.6

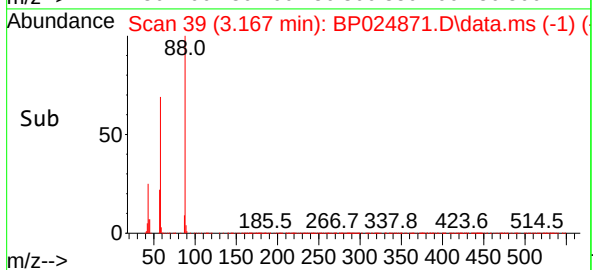
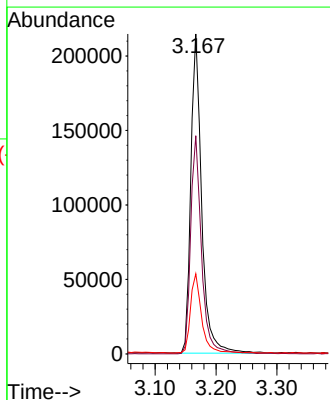
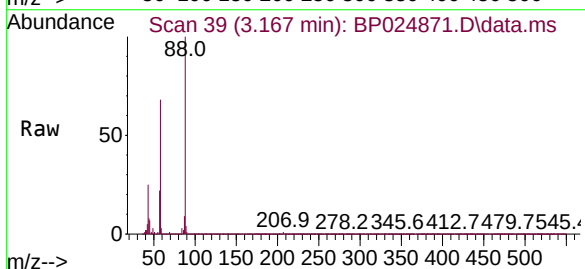
Manual Integrations
APPROVED

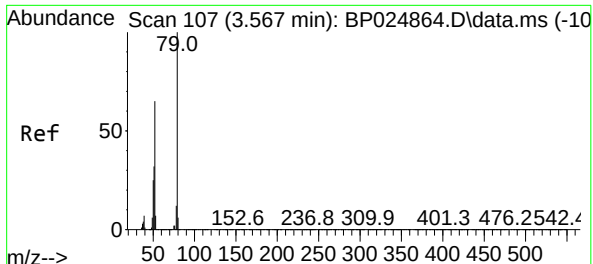
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 39.467 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

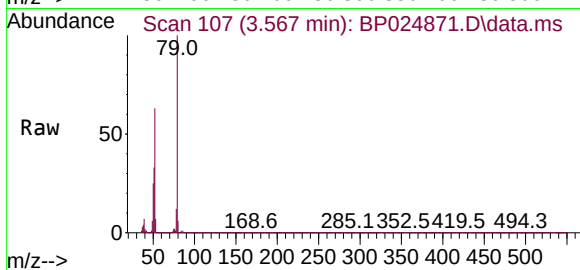
Tgt Ion: 88 Resp: 265533
Ion Ratio Lower Upper
88 100
58 68.4 55.4 83.0
43 25.4 20.8 31.2





#3
Pyridine
Concen: 42.594 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

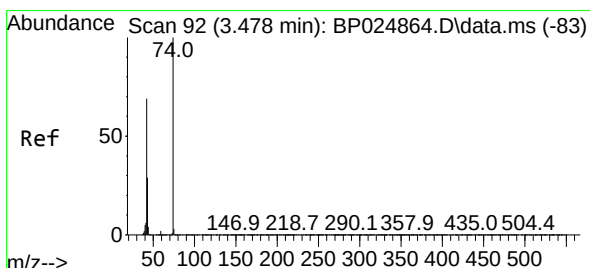
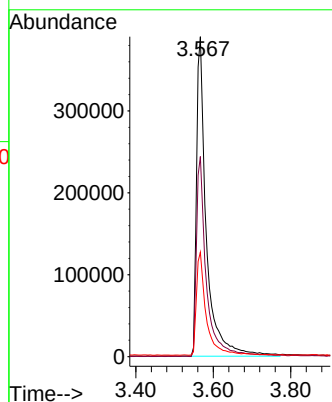
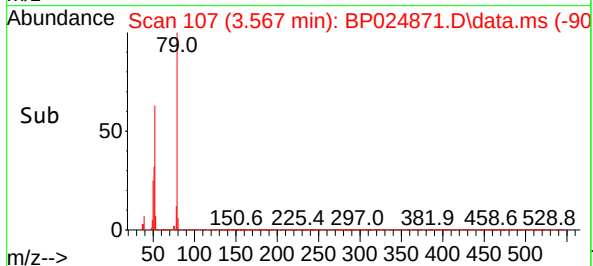
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



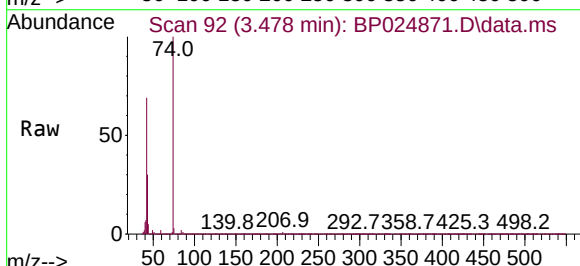
Tgt Ion: 79 Resp: 689182
Ion Ratio Lower Upper
79 100
52 62.5 51.6 77.4
51 32.6 25.5 38.3

Manual Integrations
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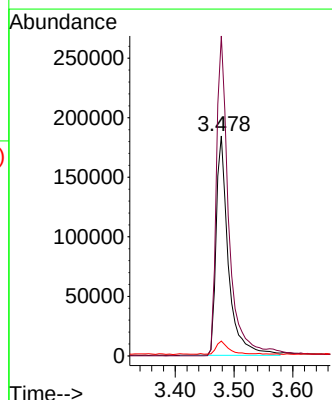
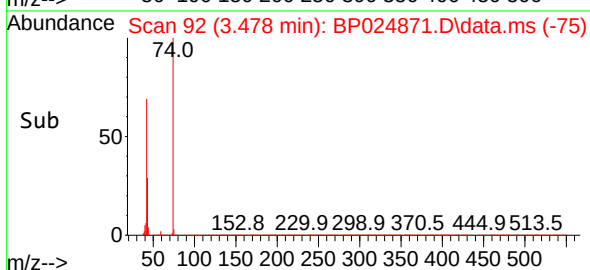
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

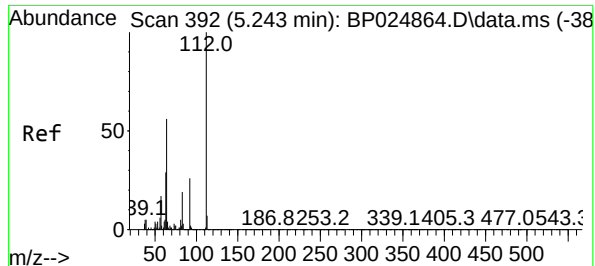


#4
n-Nitrosodimethylamine
Concen: 40.365 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion: 42 Resp: 267010
Ion Ratio Lower Upper
42 100
74 145.5 116.6 174.8
44 6.8 5.4 8.0





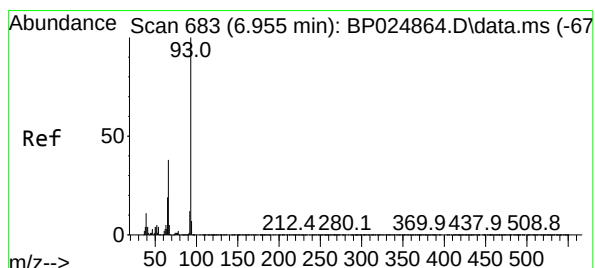
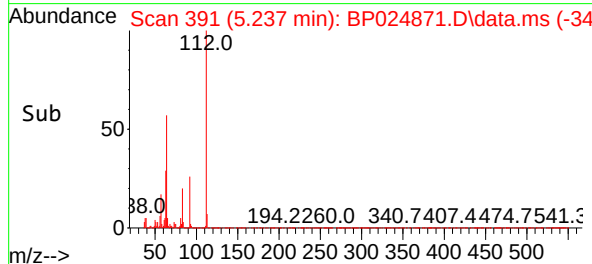
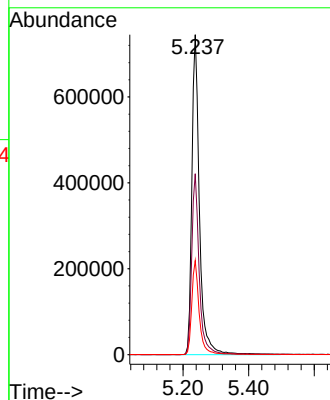
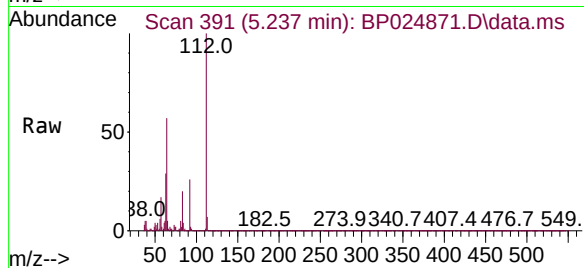
#5
2-Fluorophenol
Concen: 78.447 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 112 Resp: 1199496
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 29.4 23.5 35.3

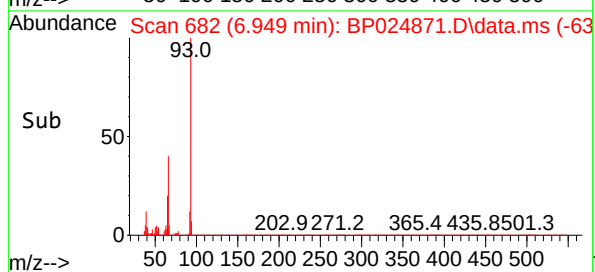
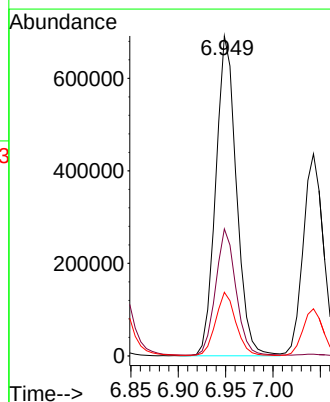
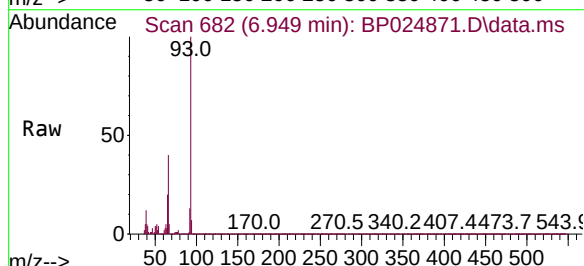
Manual Integrations
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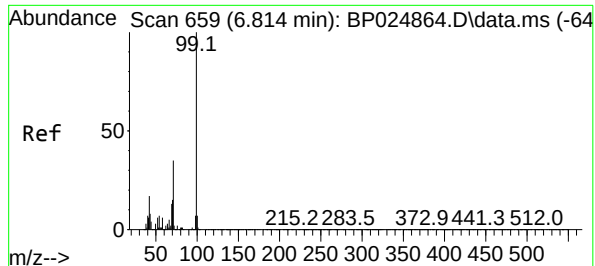
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 40.669 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

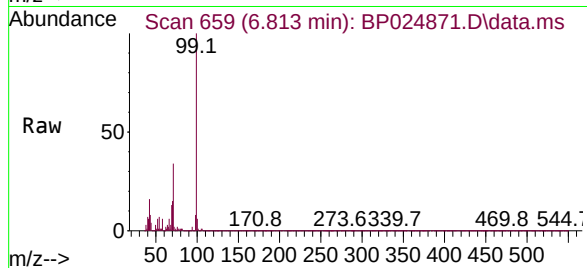
Tgt Ion: 93 Resp: 1049995
Ion Ratio Lower Upper
93 100
66 39.7 30.9 46.3
65 19.9 15.5 23.3





#7
Phenol-d6
Concen: 80.773 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

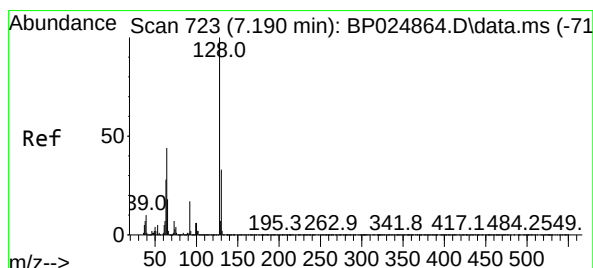
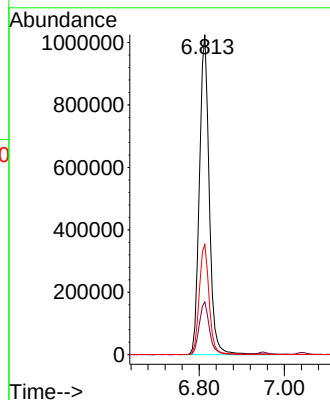
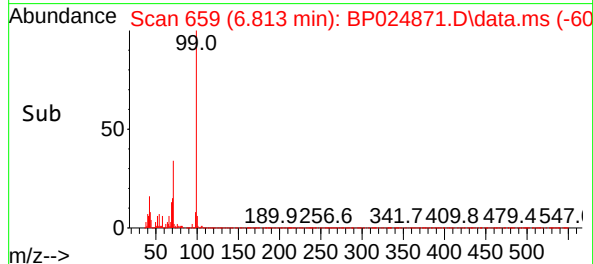
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



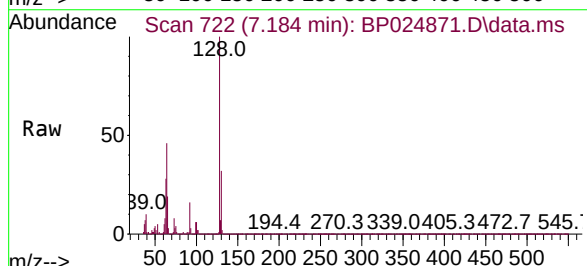
Tgt Ion: 99 Resp: 1634108
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.4 27.6 41.4

Manual Integrations
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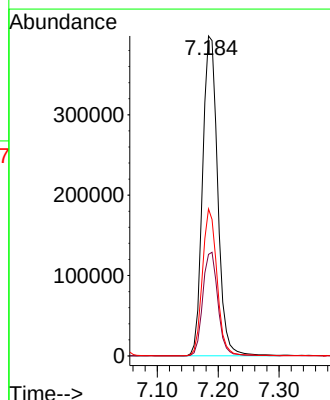
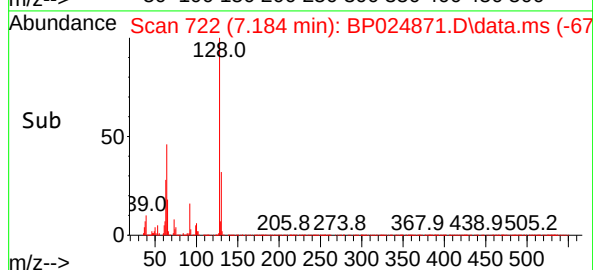
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

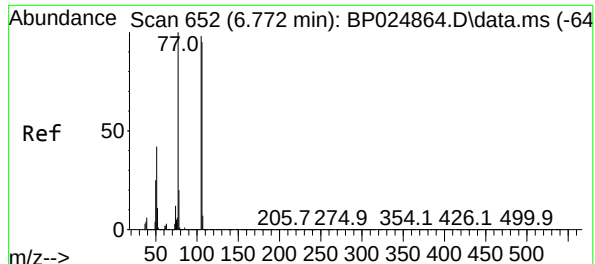


#8
2-Chlorophenol
Concen: 39.534 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:128 Resp: 685280
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 45.9 24.1 64.1





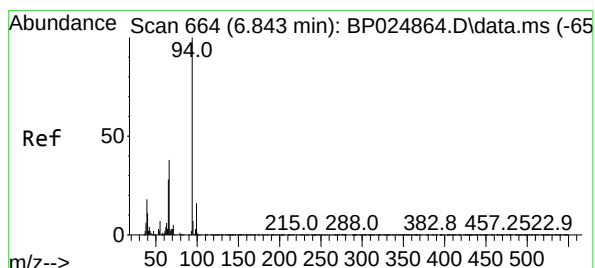
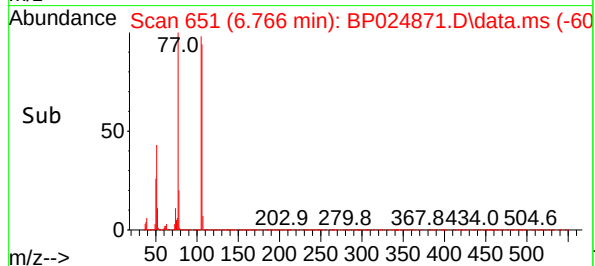
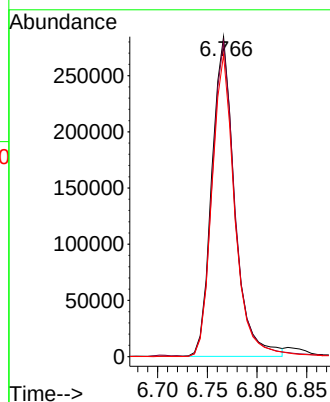
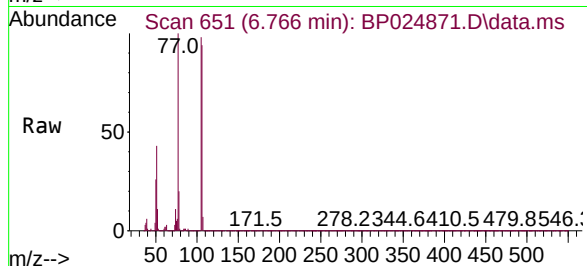
#9
Benzaldehyde
Concen: 39.075 ng m
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 455649
Ion Ratio Lower Upper
77 100
105 98.4 77.7 117.7
106 94.3 74.8 114.8

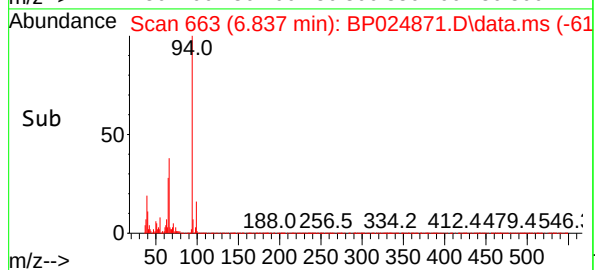
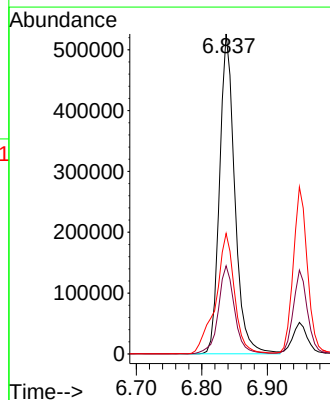
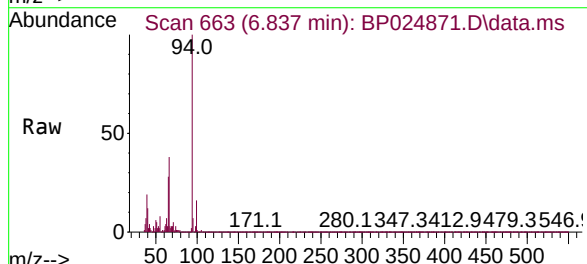
Manual Integrations
APPROVED

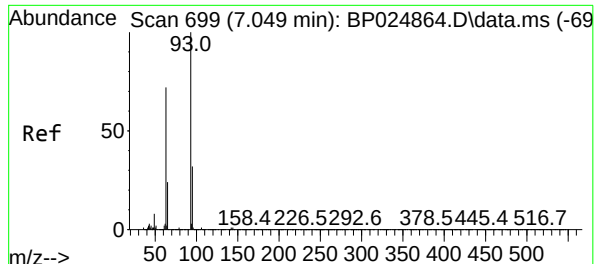
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 40.776 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion: 94 Resp: 850419
Ion Ratio Lower Upper
94 100
65 27.5 8.3 48.3
66 37.6 18.2 58.2





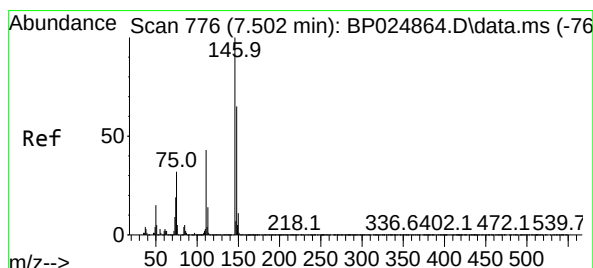
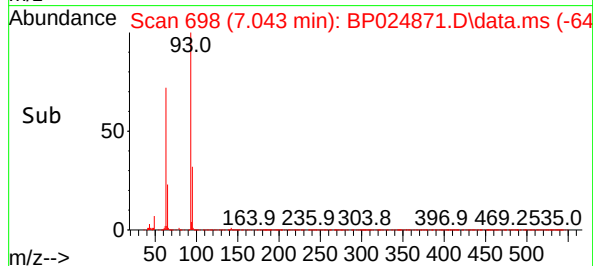
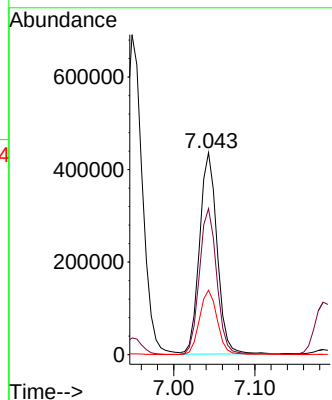
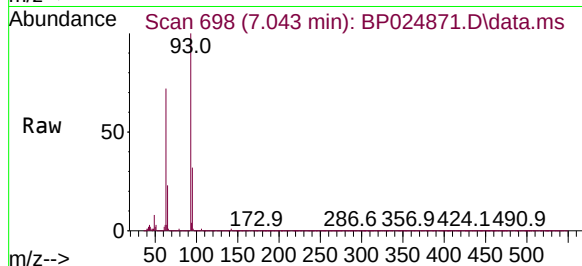
#11
 bis(2-Chloroethyl)ether
 Concen: 39.832 ng
 RT: 7.043 min Scan# 699
 Delta R.T. -0.006 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 653387
 Ion Ratio Lower Upper
 93 100
 63 72.2 51.6 91.6
 95 31.9 12.1 52.1

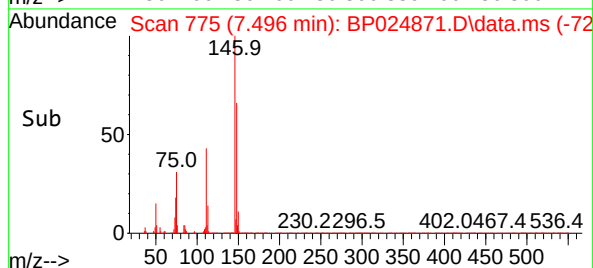
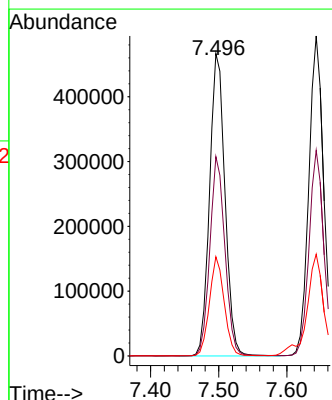
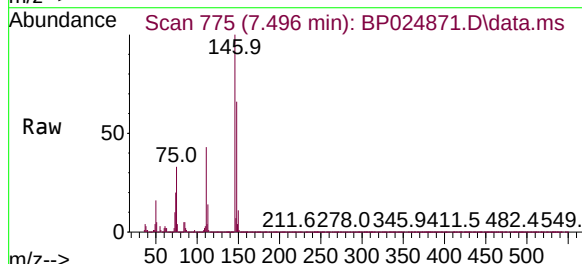
Manual Integrations
 APPROVED

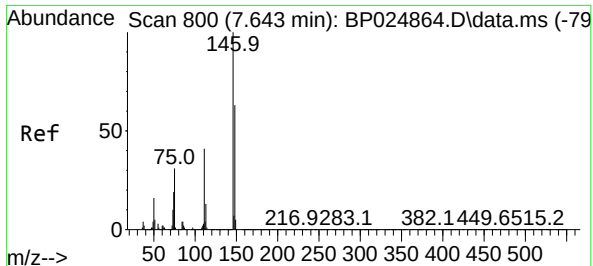
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025



#12
 1,3-Dichlorobenzene
 Concen: 37.873 ng
 RT: 7.496 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44

Tgt Ion:146 Resp: 732347
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.8
 75 32.8 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 38.233 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 745968

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

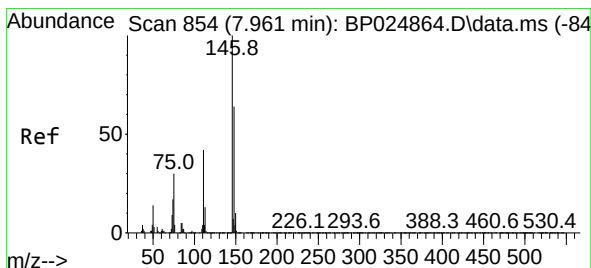
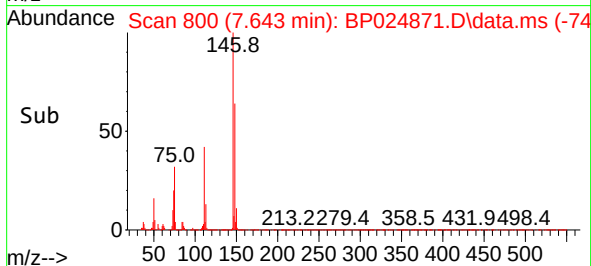
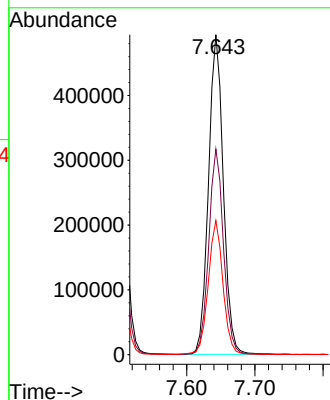
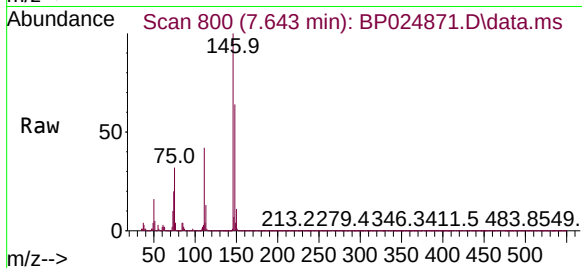
111 41.9 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#14

1,2-Dichlorobenzene

Concen: 37.460 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

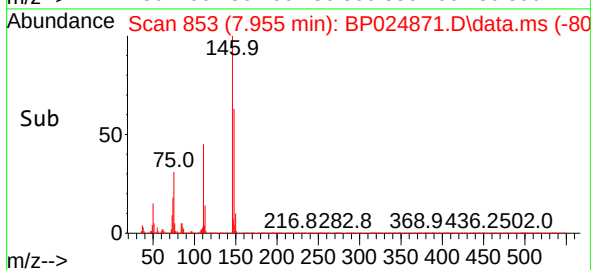
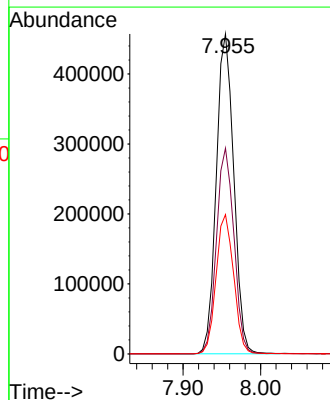
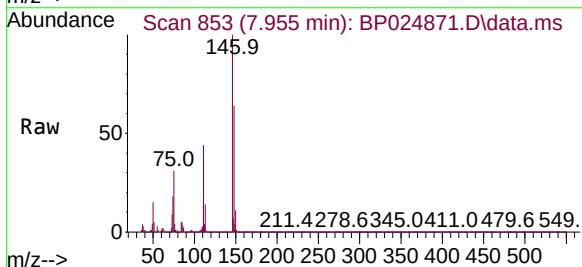
Tgt Ion:146 Resp: 717710

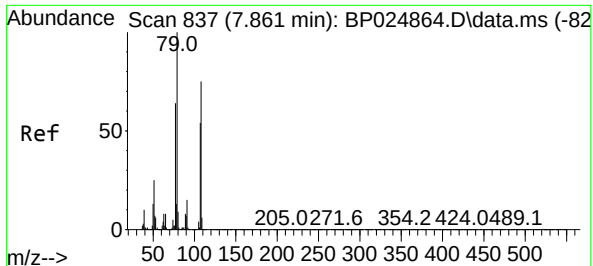
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

111 43.5 33.8 50.8





#15

Benzyl Alcohol

Concen: 40.579 ng

RT: 7.860 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 63005

Ion Ratio Lower Upper

79 100

108 75.1 60.2 90.4

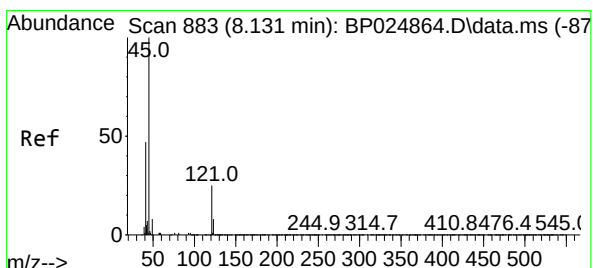
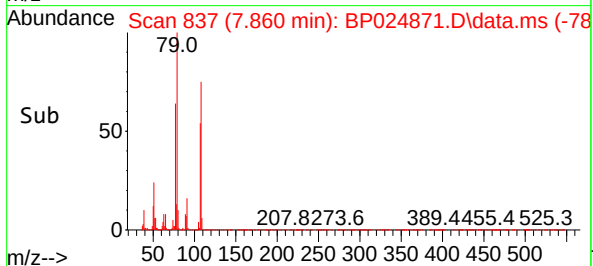
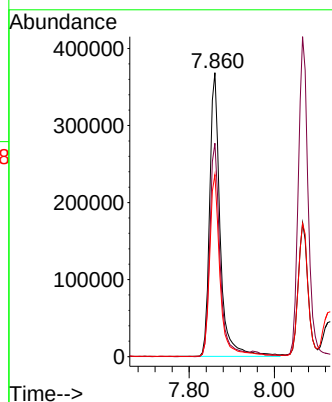
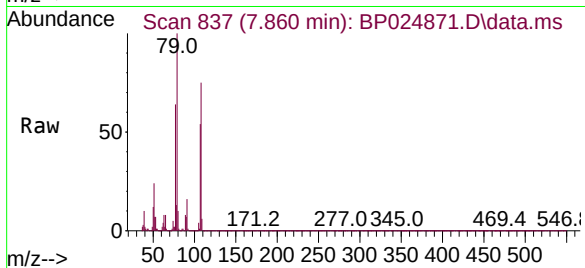
77 64.1 51.2 76.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.789 ng

RT: 8.137 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

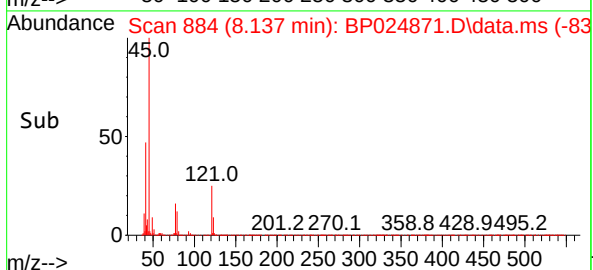
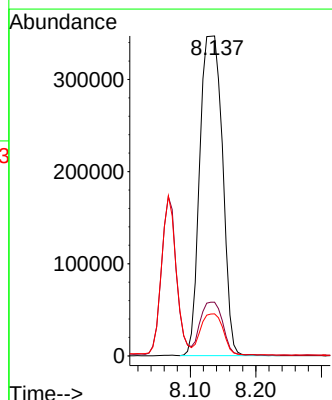
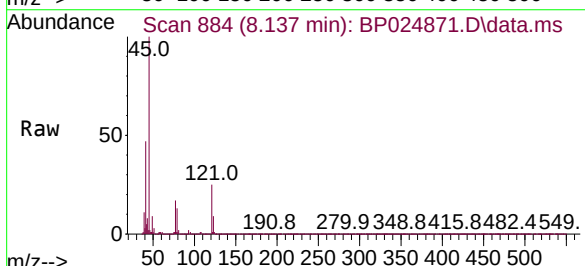
Tgt Ion: 45 Resp: 832787

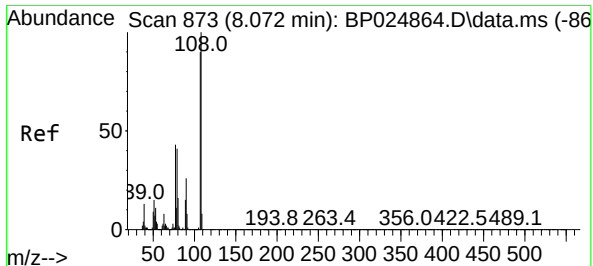
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.3

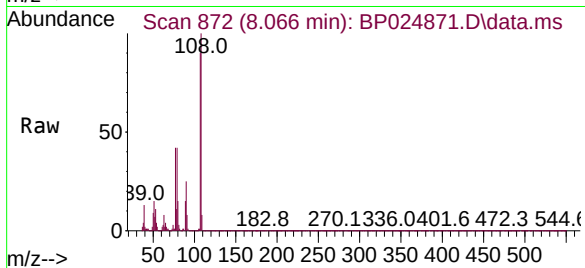
79 13.1 0.0 32.2





#17
2-Methylphenol
Concen: 40.381 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

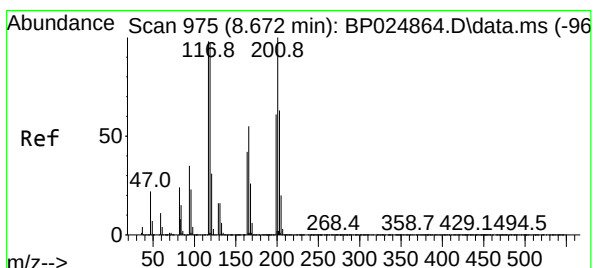
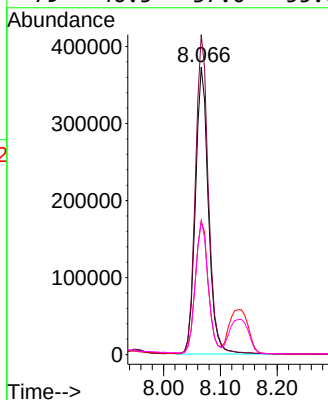
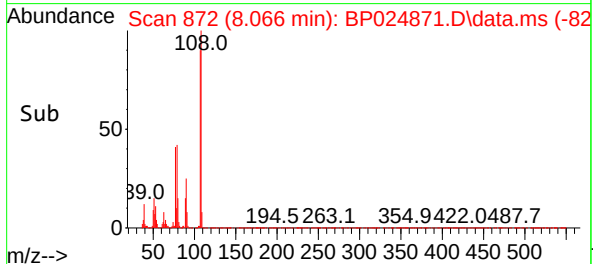
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



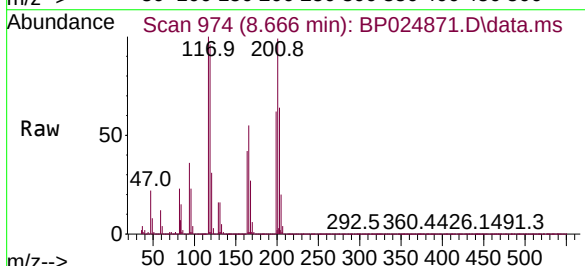
Tgt Ion:107 Resp: 588106
Ion Ratio Lower Upper
107 100
108 111.3 88.6 132.8
77 46.3 38.5 57.7
79 46.5 37.0 55.6

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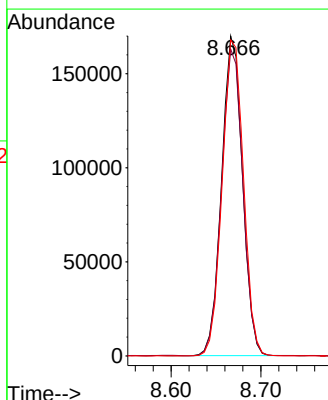
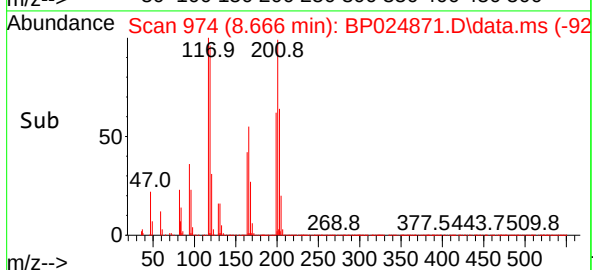
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

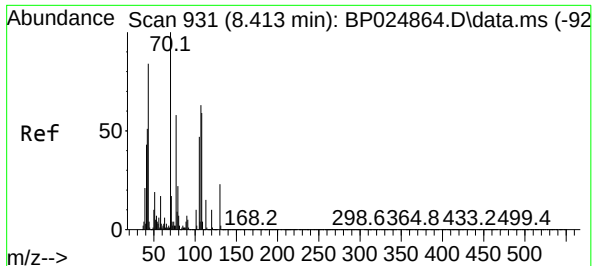


#18
Hexachloroethane
Concen: 37.656 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:117 Resp: 276609
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.2
201 98.7 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.367 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 555174

Ion Ratio Lower Upper

70 100

42 52.0 41.2 61.8

101 10.2 8.3 12.5

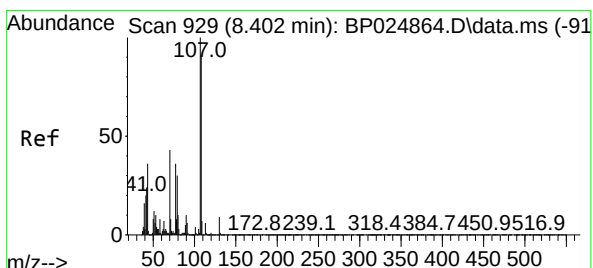
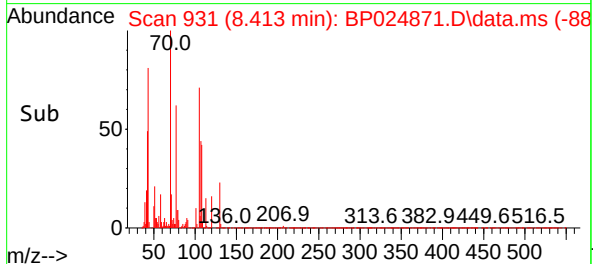
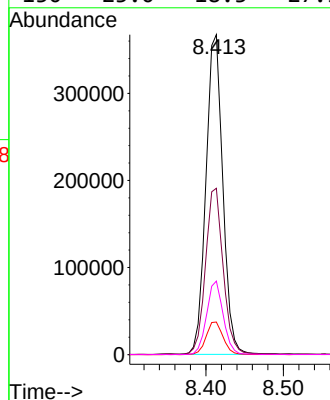
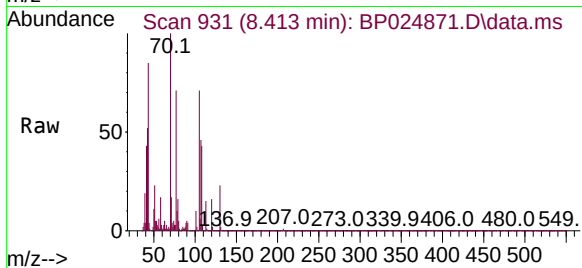
130 23.0 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#20

3+4-Methylphenols

Concen: 40.467 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Tgt Ion:107 Resp: 804072

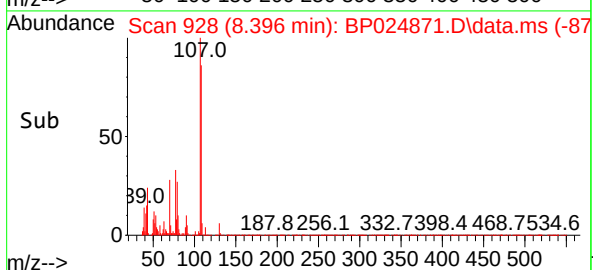
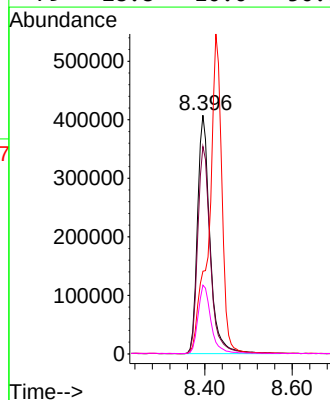
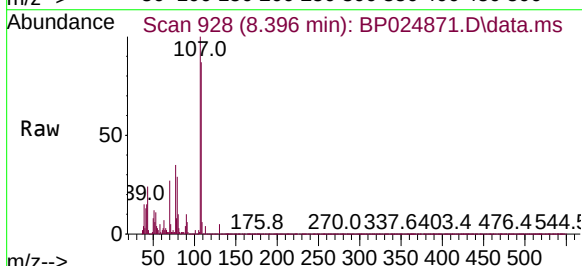
Ion Ratio Lower Upper

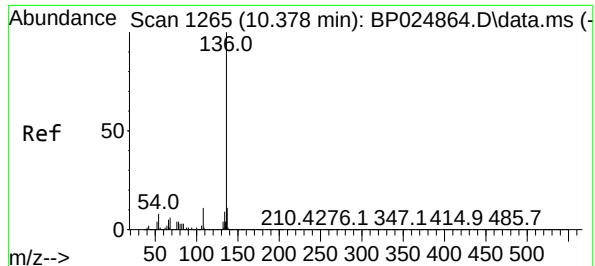
107 100

108 87.0 70.7 110.7

77 34.6 16.6 56.6

79 28.8 10.0 50.0





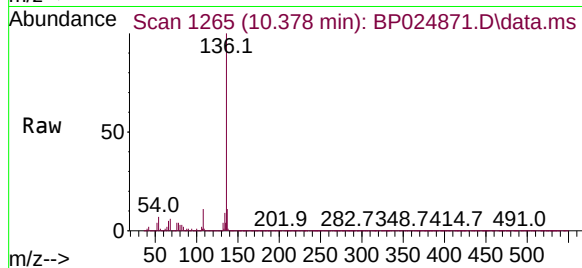
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



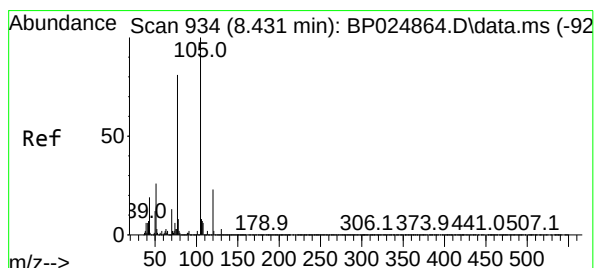
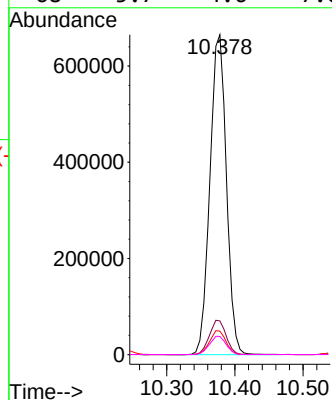
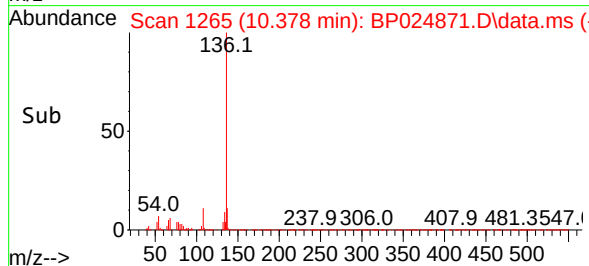
Tgt Ion:136 Resp: 1115940
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.3 6.1 9.1
68 5.7 4.6 7.0

Manual Integrations

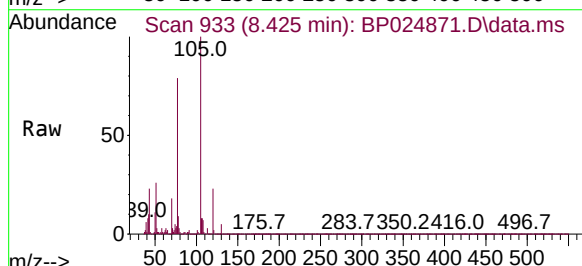
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

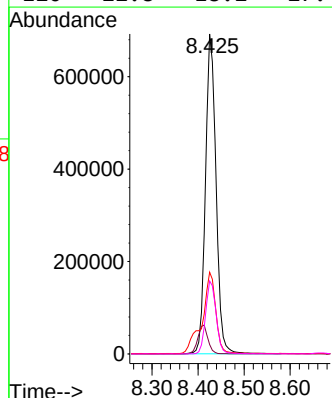
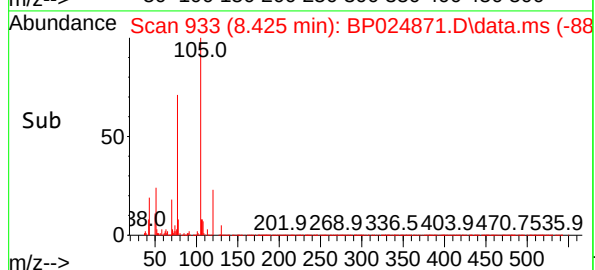
Supervised By :Jagrut Upadhyay 06/10/2025

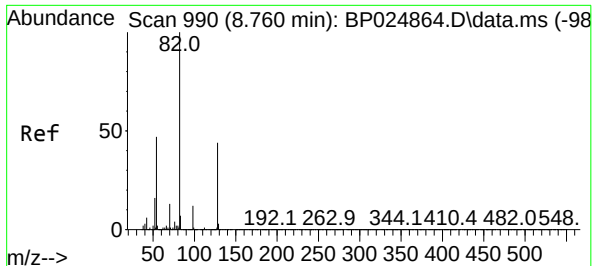


#22
Acetophenone
Concen: 38.956 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:105 Resp: 1098338
Ion Ratio Lower Upper
105 100
71 3.0 1.6 2.4
51 25.5 20.6 31.0
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.737 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1808189

Ion Ratio Lower Upper

82 100

128 44.2 35.3 52.9

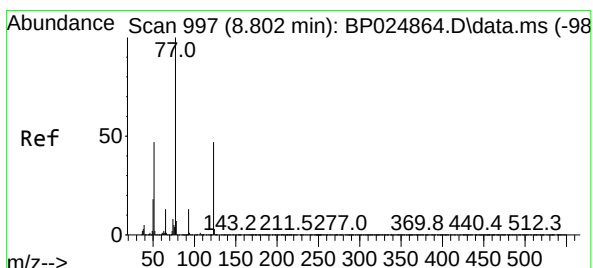
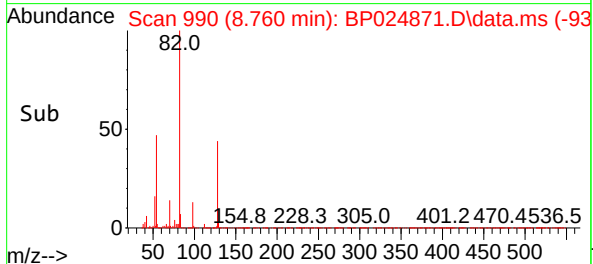
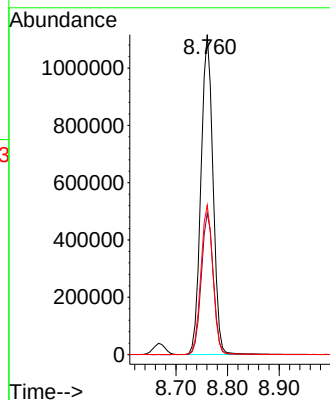
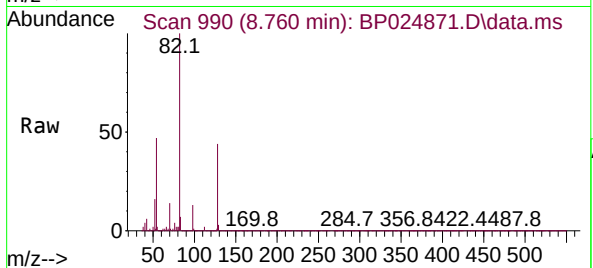
54 46.7 37.4 56.0

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Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 39.249 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

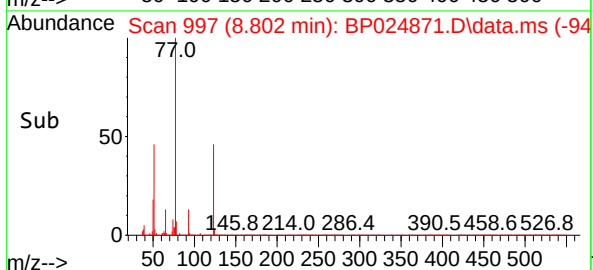
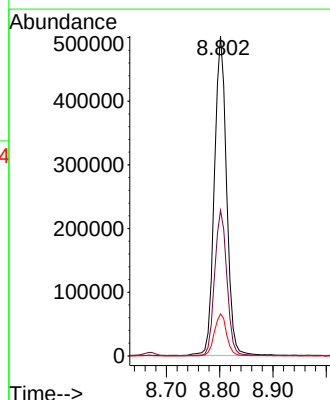
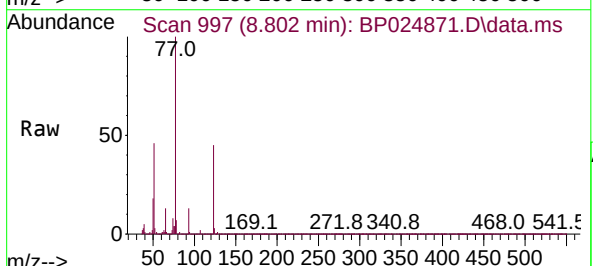
Tgt Ion: 77 Resp: 800749

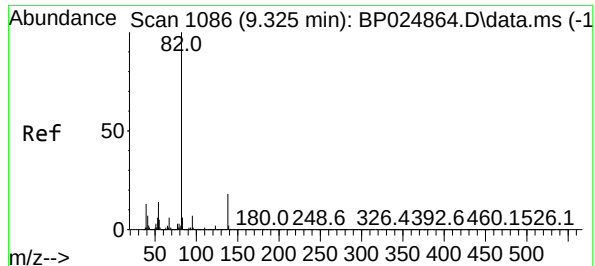
Ion Ratio Lower Upper

77 100

123 45.5 37.3 55.9

65 13.1 10.8 16.2





#25

Isophorone

Concen: 38.882 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1547539

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

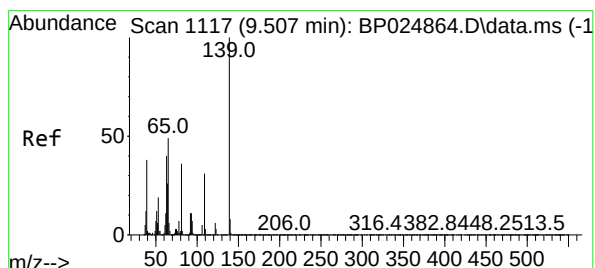
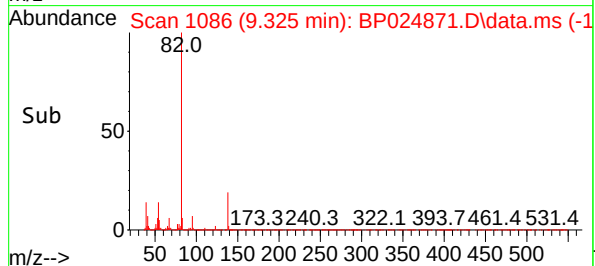
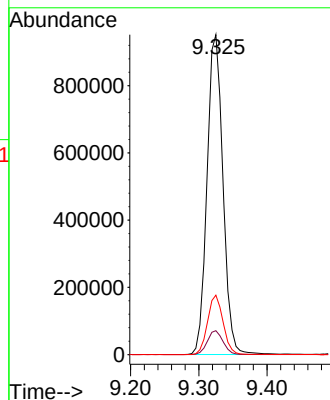
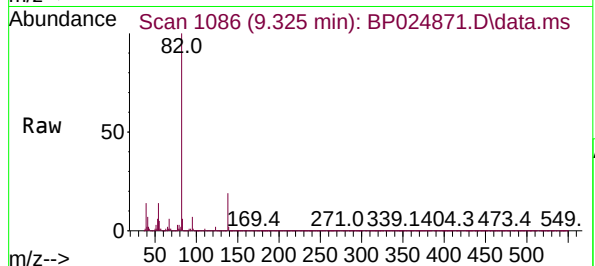
138 18.6 14.6 21.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#26

2-Nitrophenol

Concen: 40.144 ng

RT: 9.507 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

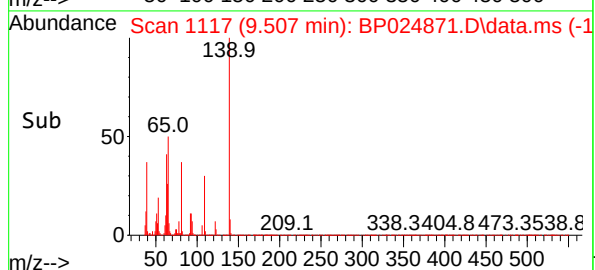
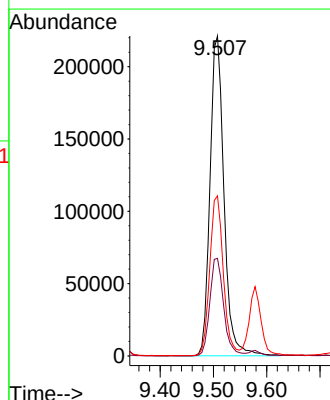
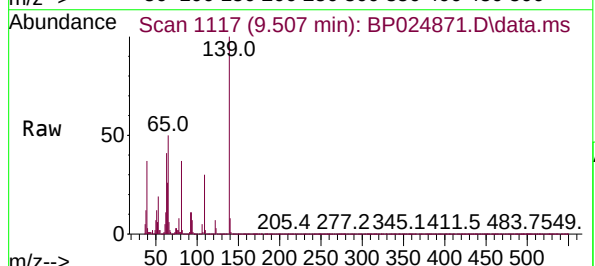
Tgt Ion:139 Resp: 404106

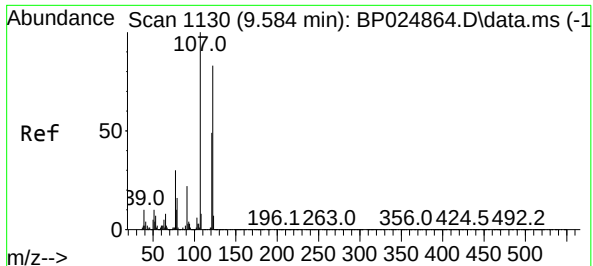
Ion Ratio Lower Upper

139 100

109 30.5 24.6 37.0

65 50.0 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 39.225 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 122 Resp: 675766

Ion Ratio Lower Upper

122 100

107 120.0 96.2 144.4

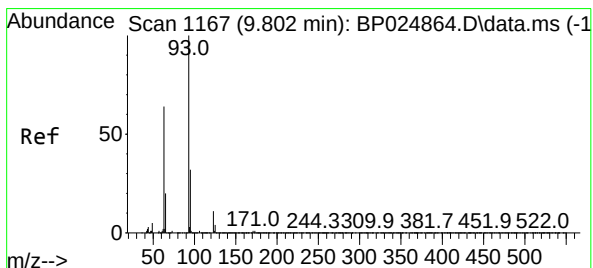
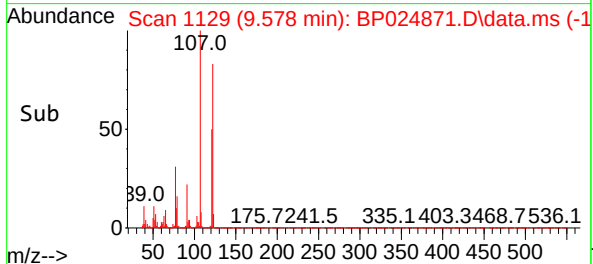
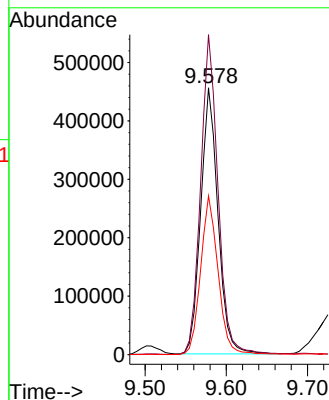
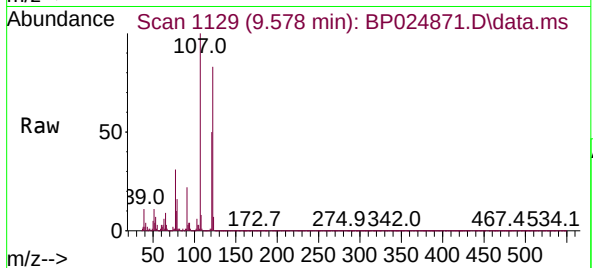
121 59.5 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.433 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

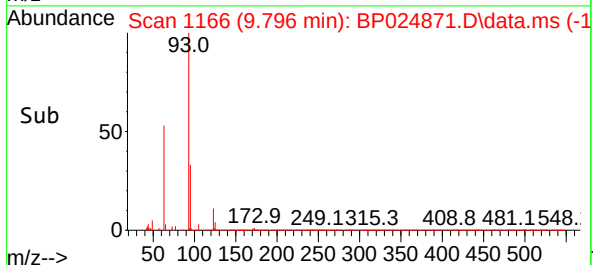
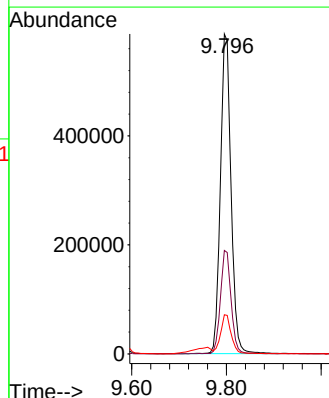
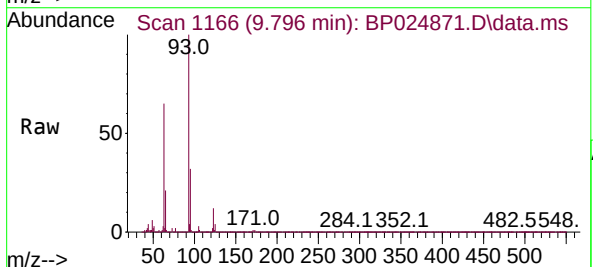
Tgt Ion: 93 Resp: 912458

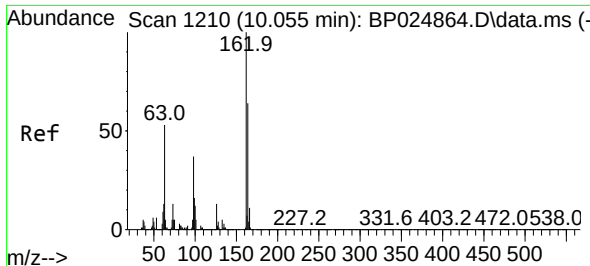
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.988 ng

RT: 10.049 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 661006

Ion Ratio Lower Upper

162 100

164 65.0 44.0 84.0

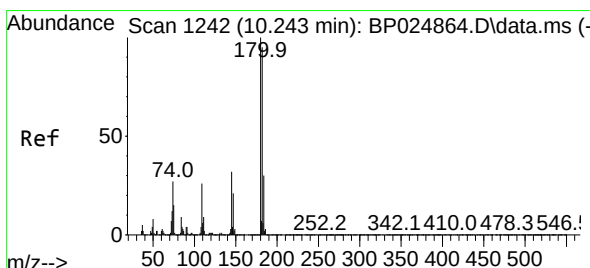
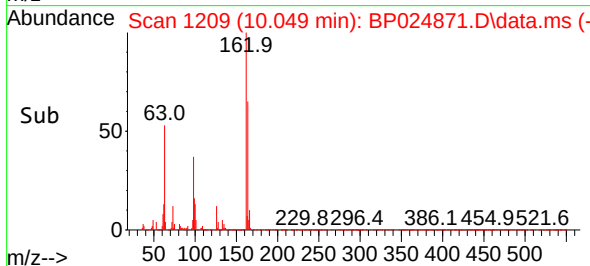
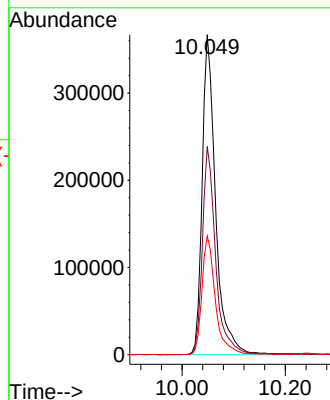
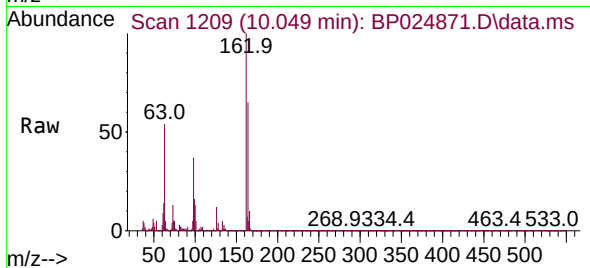
98 37.1 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.323 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

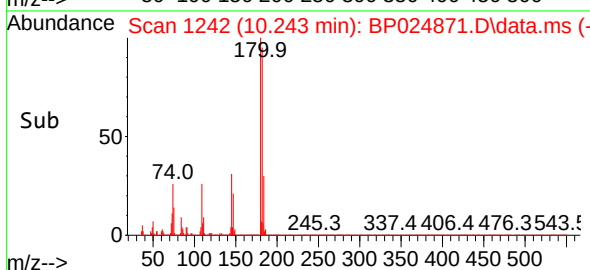
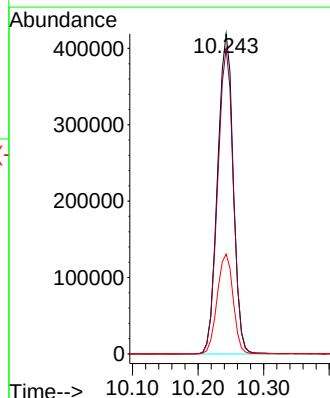
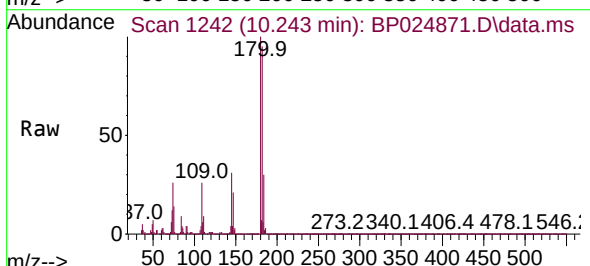
Tgt Ion:180 Resp: 695864

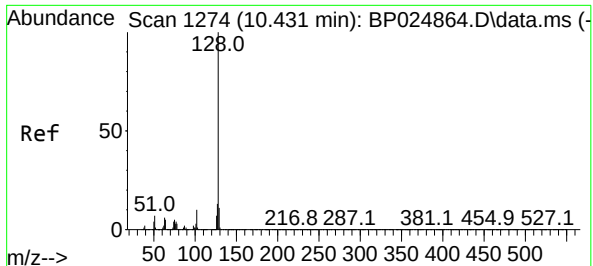
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

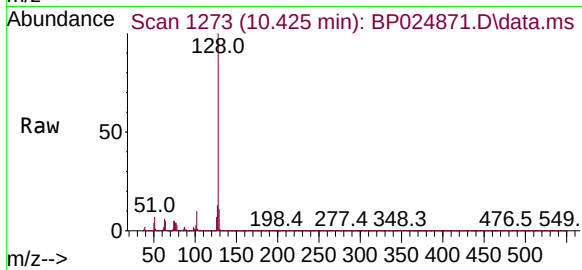
145 31.2 25.7 38.5





#31
Naphthalene
Concen: 38.386 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

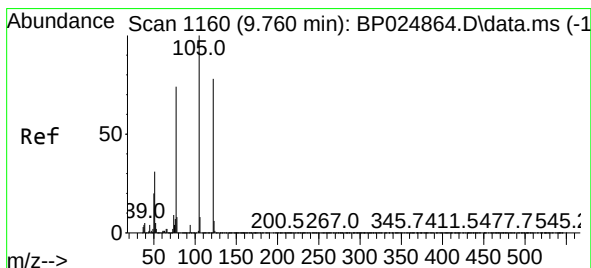
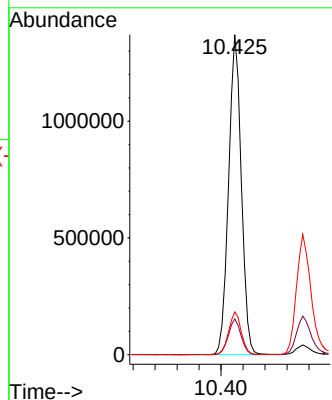
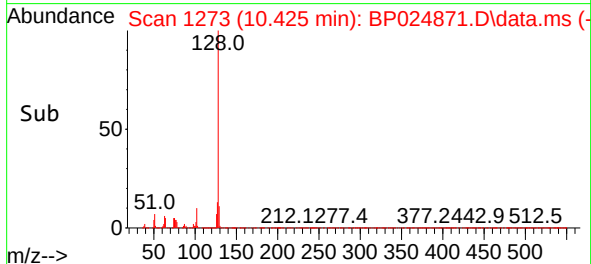
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2195188
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

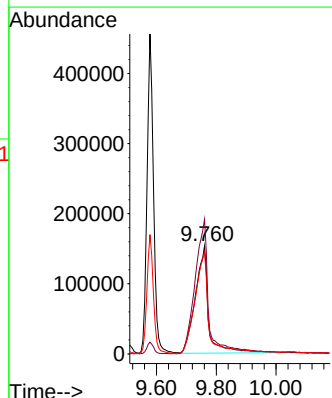
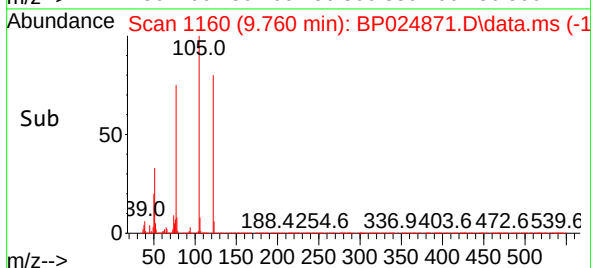
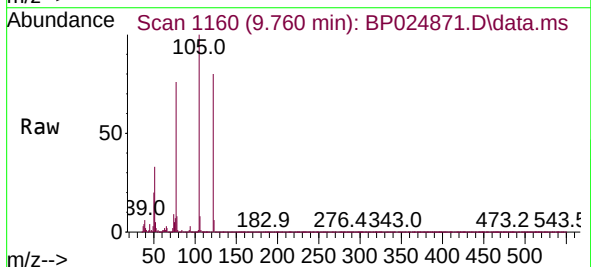
Manual Integrations
APPROVED

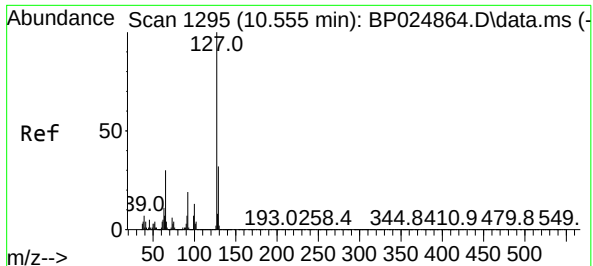
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 40.563 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

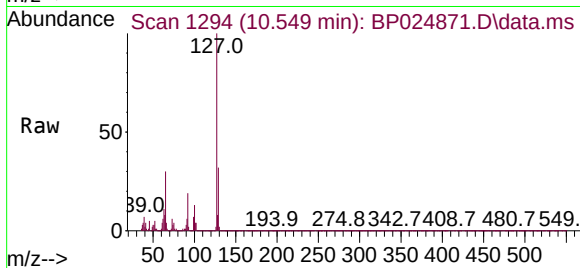
Tgt Ion:122 Resp: 472238
Ion Ratio Lower Upper
122 100
105 124.7 107.1 147.1
77 94.3 75.1 115.1





#33
4-Chloroaniline
Concen: 40.422 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

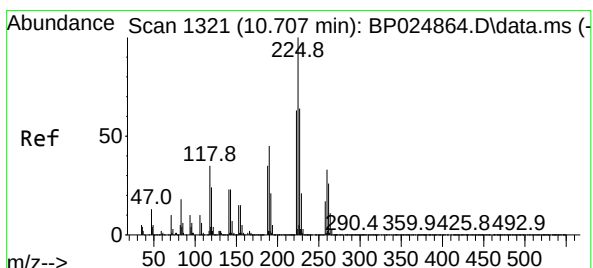
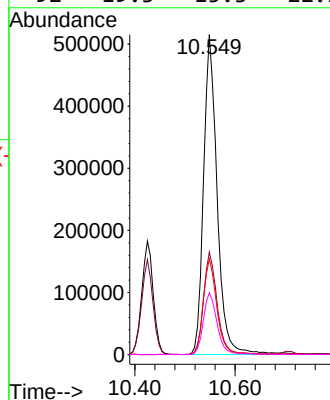
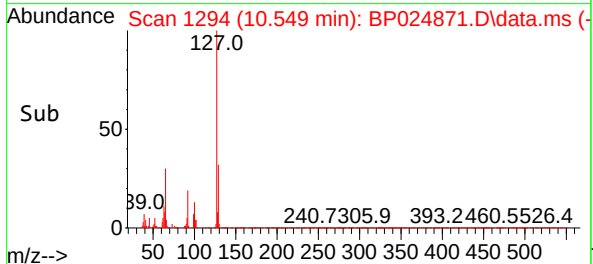
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



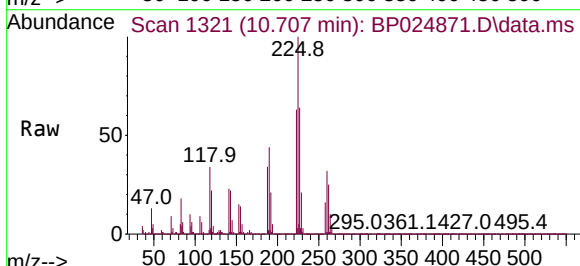
Tgt Ion:127 Resp: 968476
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 29.9 23.9 35.9
92 19.3 15.3 22.9

Manual Integrations
APPROVED

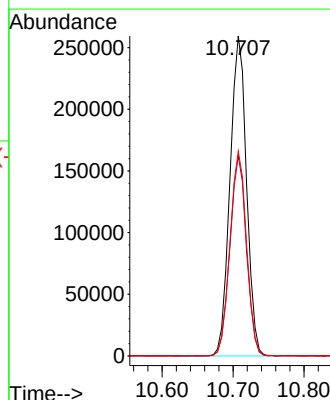
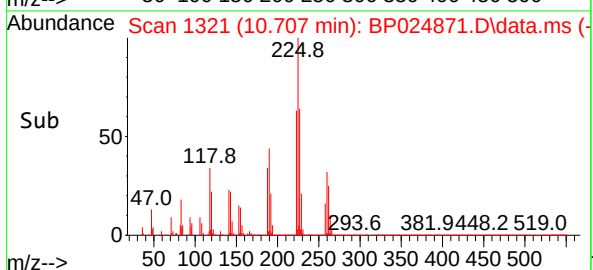
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

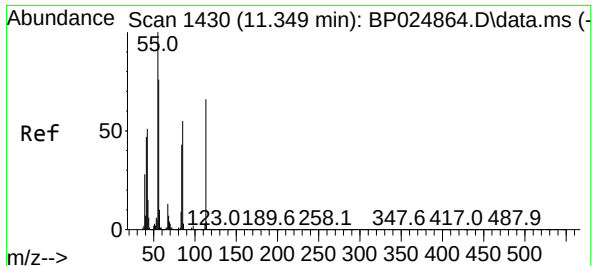


#34
Hexachlorobutadiene
Concen: 37.207 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



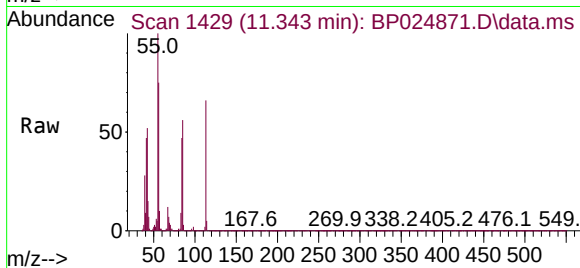
Tgt Ion:225 Resp: 418109
Ion Ratio Lower Upper
225 100
223 62.5 50.5 75.7
227 64.0 51.4 77.2





#35
Caprolactam
Concen: 41.048 ng
RT: 11.343 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

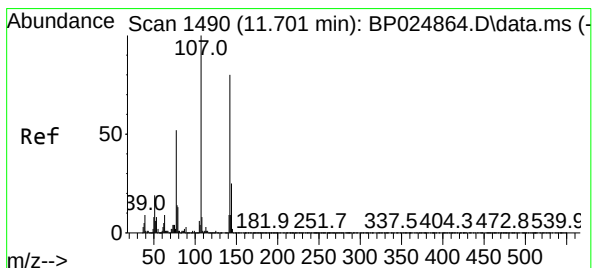
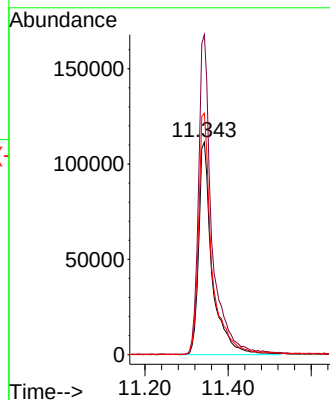
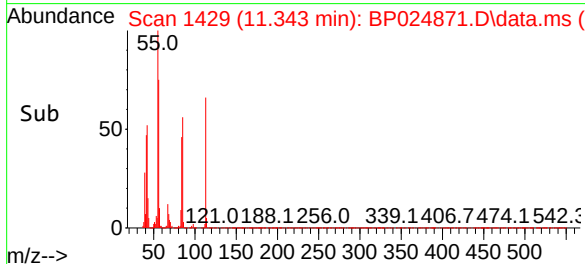
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



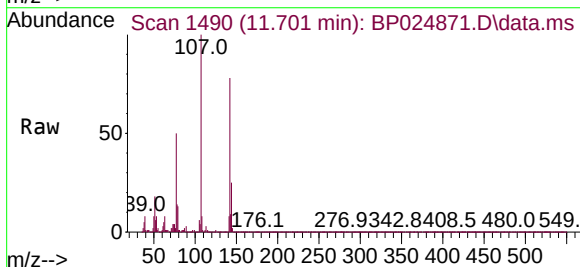
Tgt Ion:113 Resp: 24977
Ion Ratio Lower Upper
113 100
55 150.7 132.5 172.5
56 113.6 96.0 136.0

Manual Integrations
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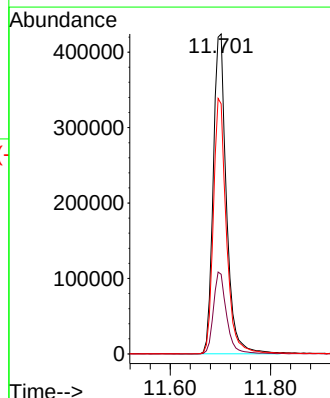
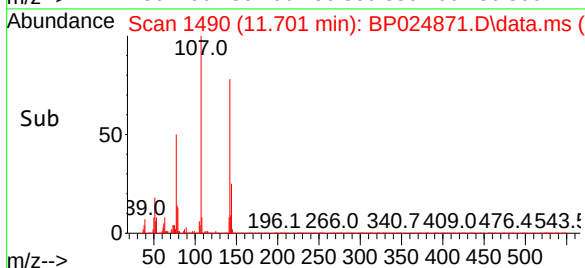
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

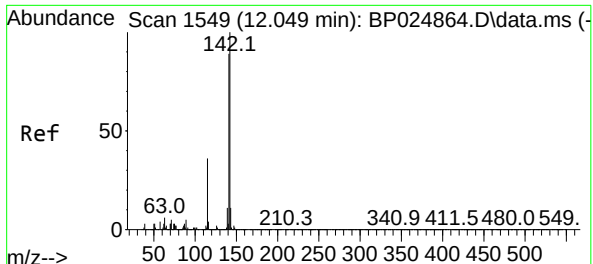


#36
4-Chloro-3-methylphenol
Concen: 40.629 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:107 Resp: 774660
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 78.1 63.8 95.6





#37
2-Methylnaphthalene
Concen: 39.479 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

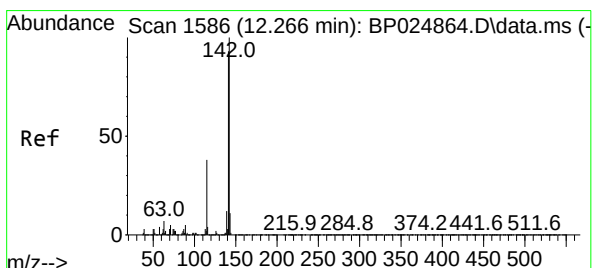
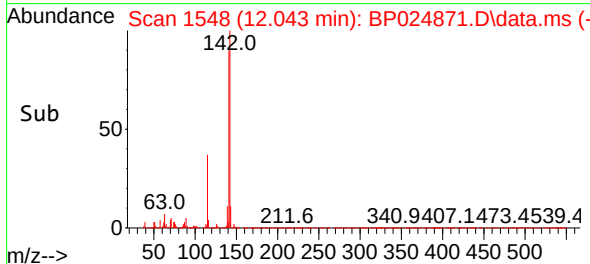
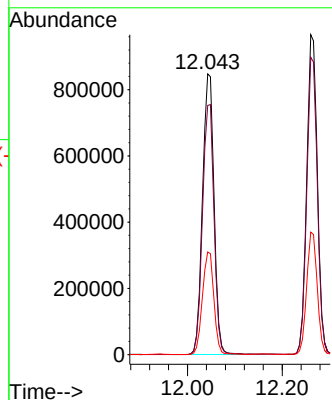
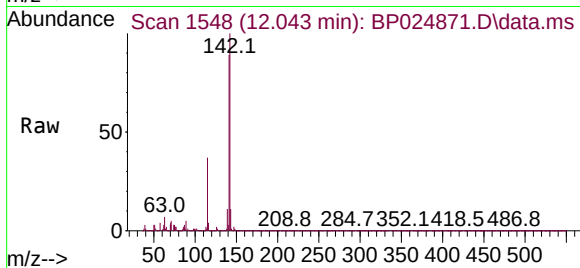
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 143213
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
115 36.5 28.5 42.7

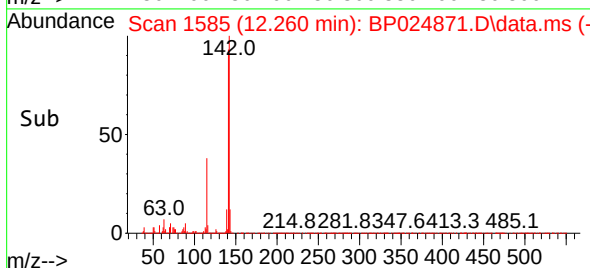
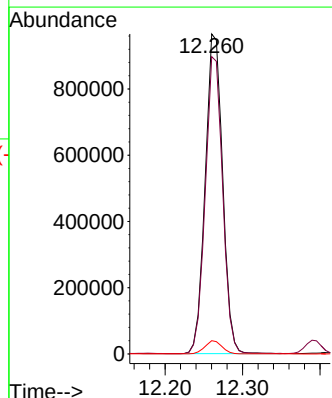
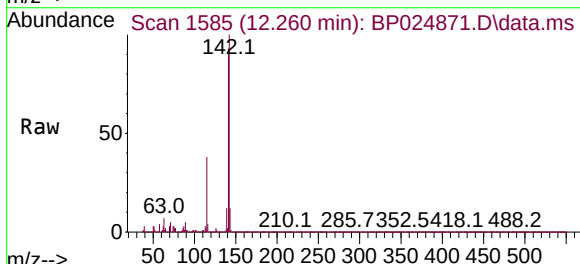
Manual Integrations
APPROVED

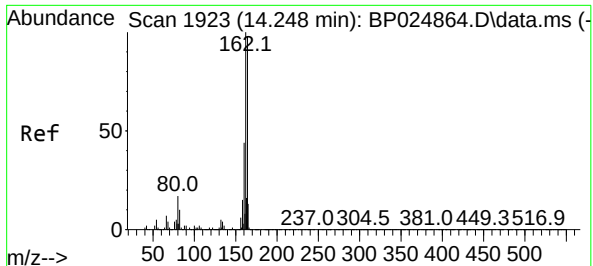
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#38
1-Methylnaphthalene
Concen: 38.845 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

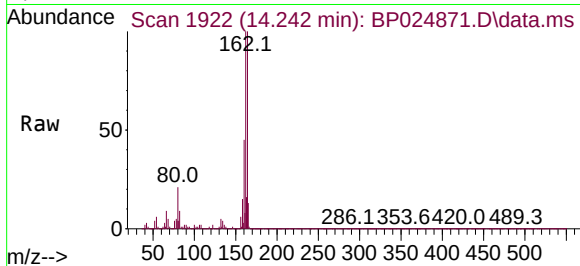
Tgt Ion:142 Resp: 1506506
Ion Ratio Lower Upper
142 100
141 92.9 74.7 112.1
116 4.1 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.242 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

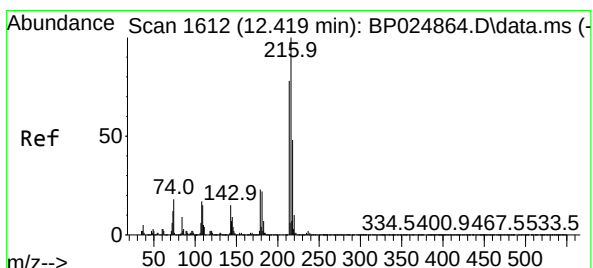
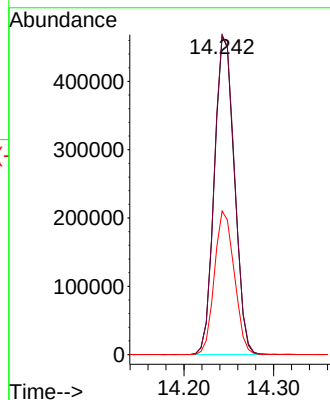
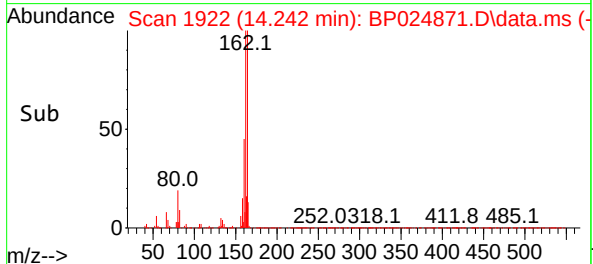
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



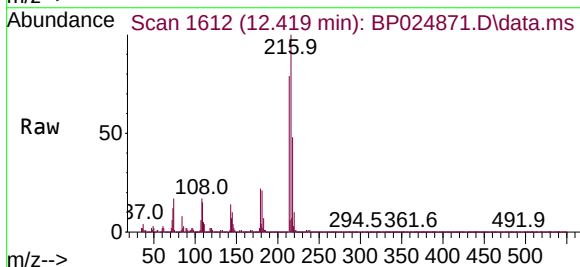
Tgt Ion:164 Resp: 722087
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 45.1 36.2 54.2

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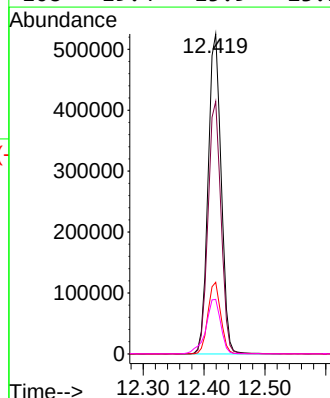
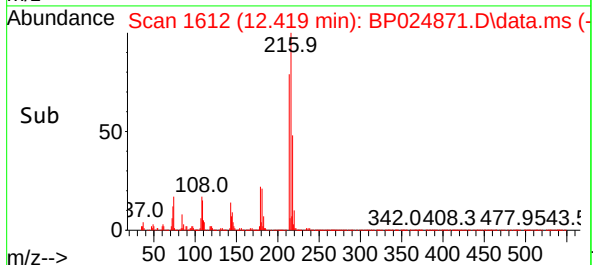
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

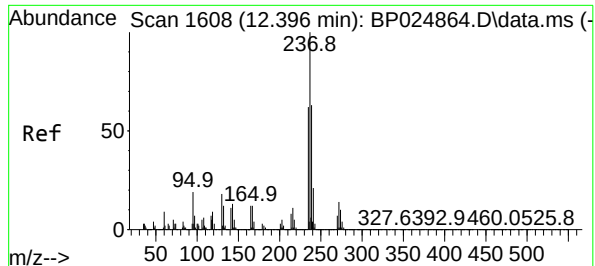


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.146 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:216 Resp: 781589
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 22.1 17.8 26.6
108 19.4 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 38.332 ng

RT: 12.396 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 479050

Ion Ratio Lower Upper

237 100

235 61.6 41.9 81.9

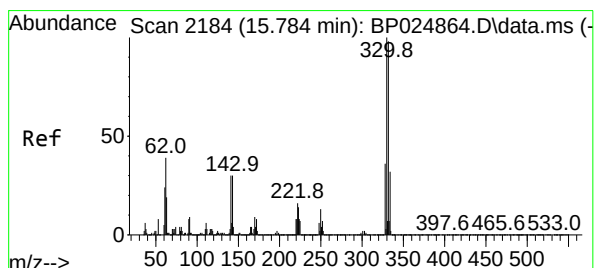
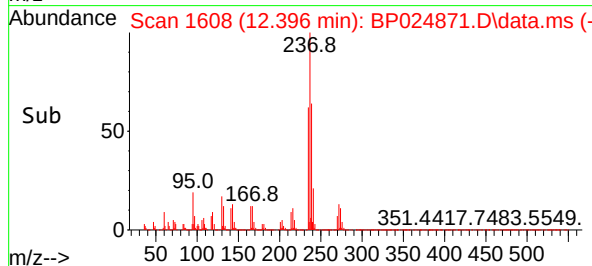
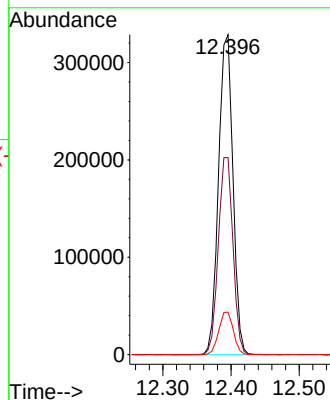
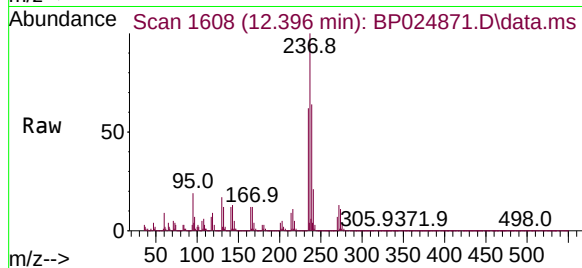
272 13.3 0.0 33.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#42

2,4,6-Tribromophenol

Concen: 78.869 ng

RT: 15.772 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

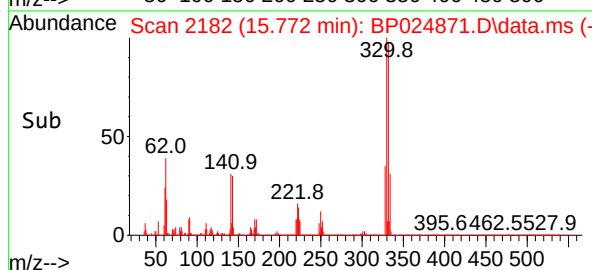
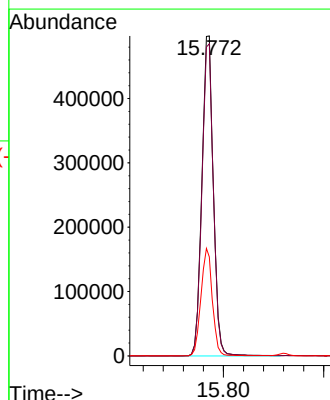
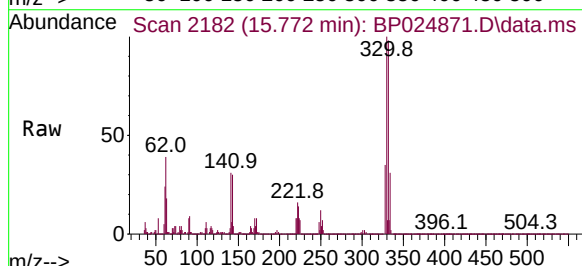
Tgt Ion:330 Resp: 787365

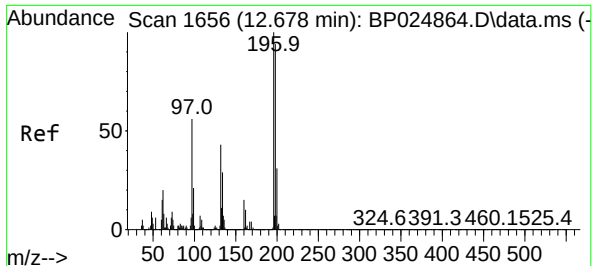
Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 33.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.103 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 538063

Ion Ratio Lower Upper

196 100

198 93.9 75.4 113.0

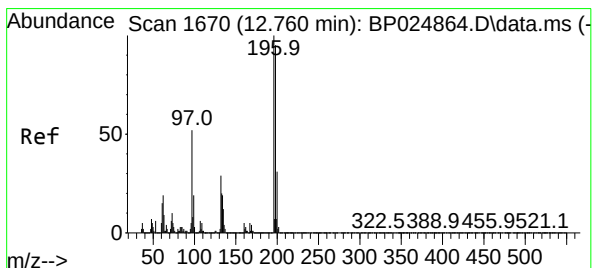
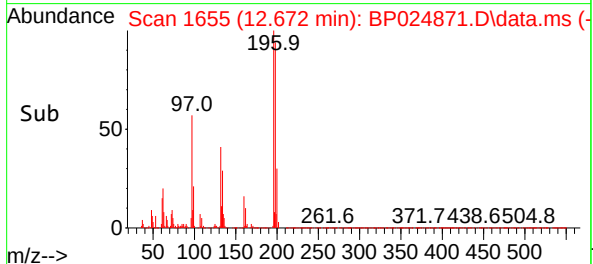
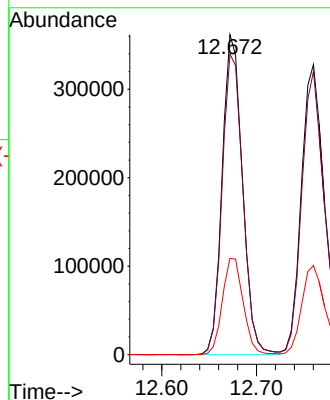
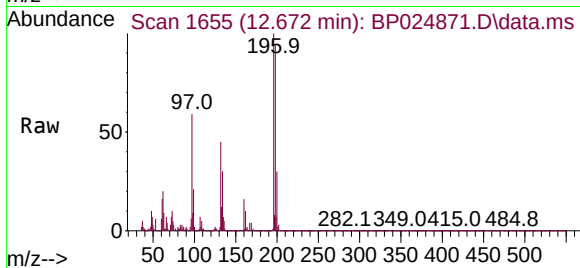
200 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#44

2,4,5-Trichlorophenol

Concen: 40.784 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Tgt Ion:196 Resp: 600998

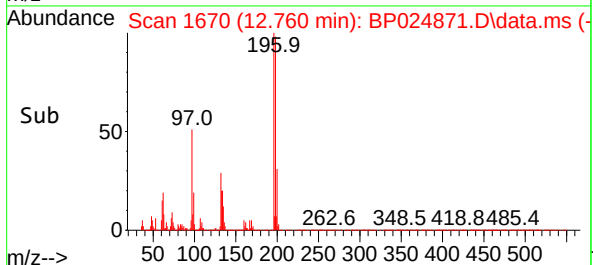
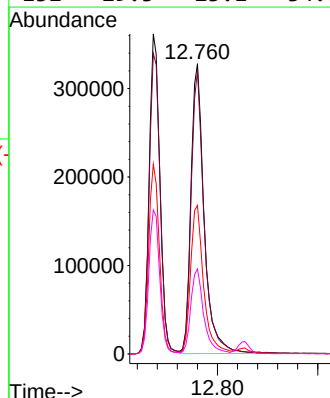
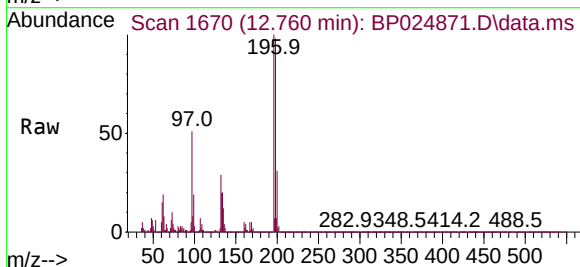
Ion Ratio Lower Upper

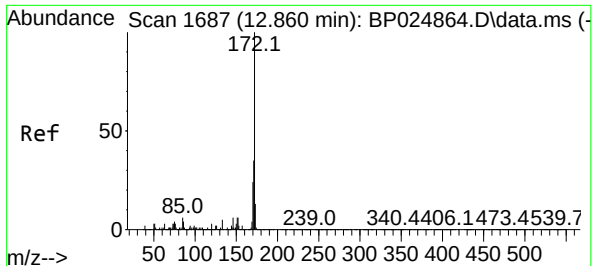
196 100

198 97.6 76.0 114.0

97 51.2 41.5 62.3

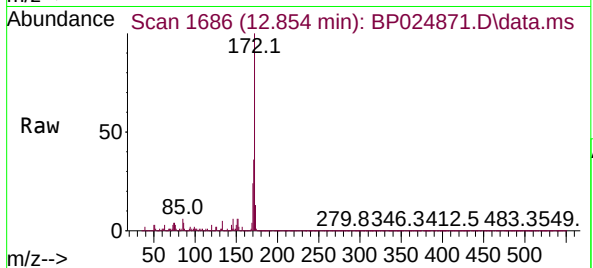
132 29.3 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 75.092 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

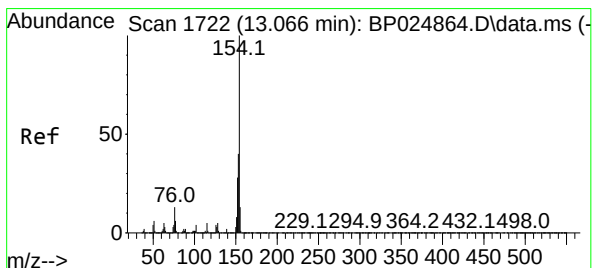
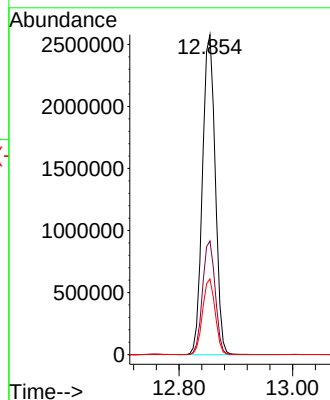
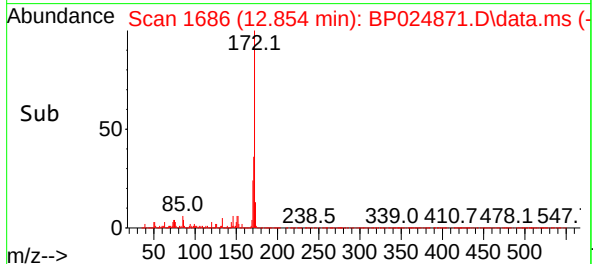
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 4025076
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 19.0 28.4

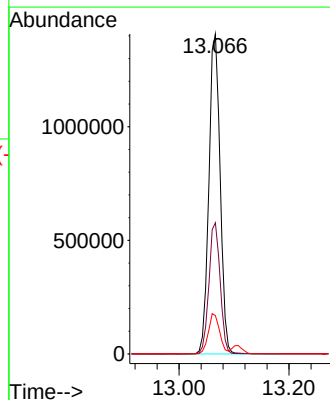
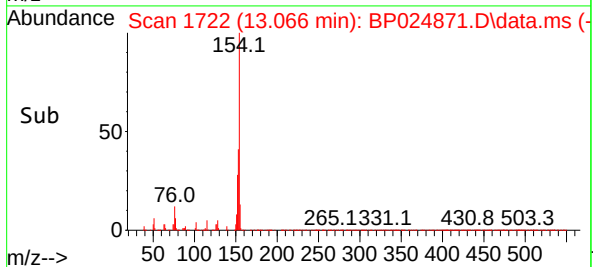
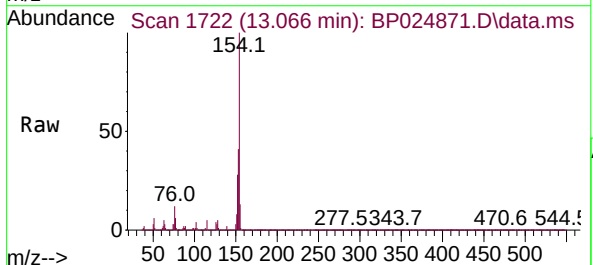
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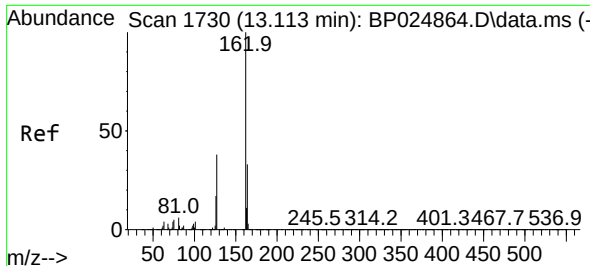
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#46
1,1'-Biphenyl
Concen: 38.014 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:154 Resp: 1994835
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.0 0.0 33.0





#47
2-Chloronaphthalene
Concen: 38.278 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

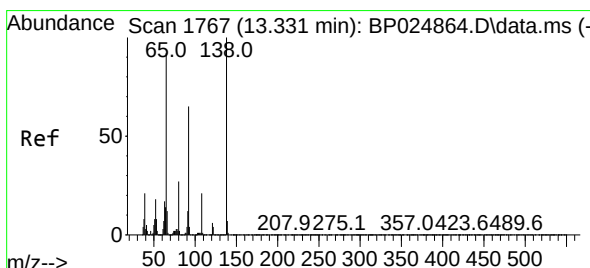
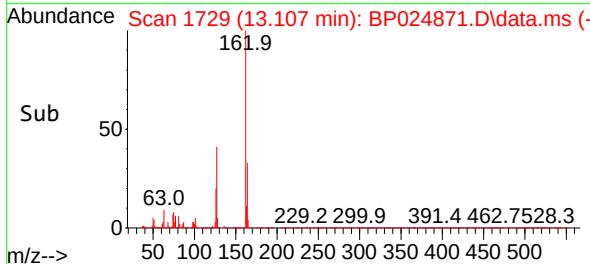
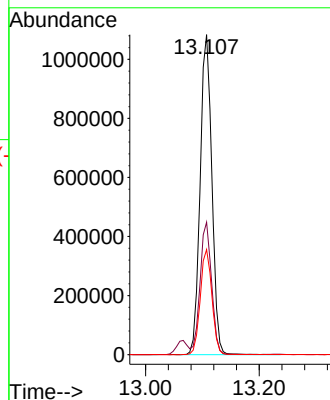
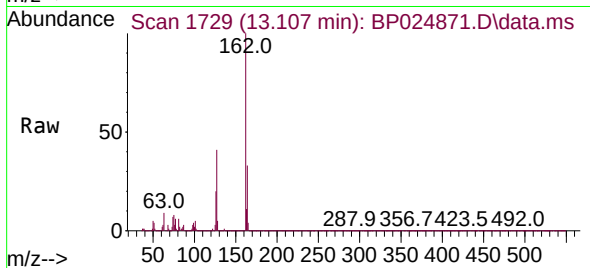
SSTDCCC040

Tgt Ion:162 Resp: 1543806
Ion Ratio Lower Upper
162 100
127 41.4 32.5 48.7
164 32.8 26.2 39.2

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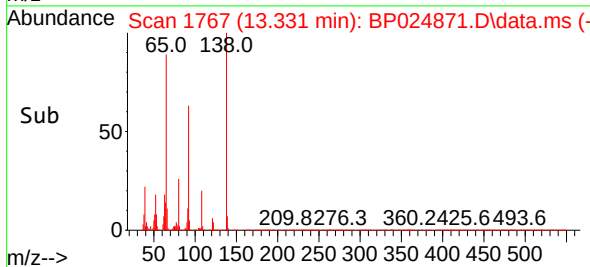
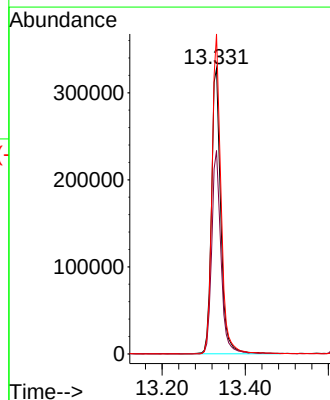
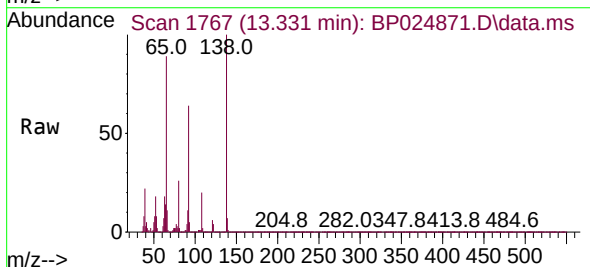
Reviewed By :Rahul Chavli 06/10/2025

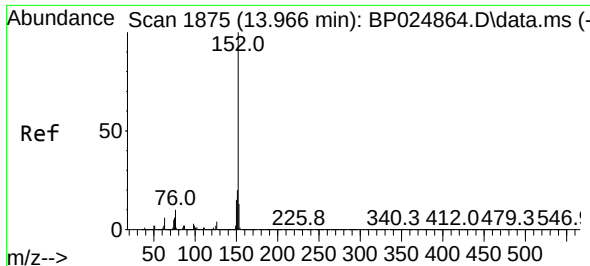
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 40.825 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion: 65 Resp: 506207
Ion Ratio Lower Upper
65 100
92 71.2 56.8 85.2
138 112.1 86.9 130.3





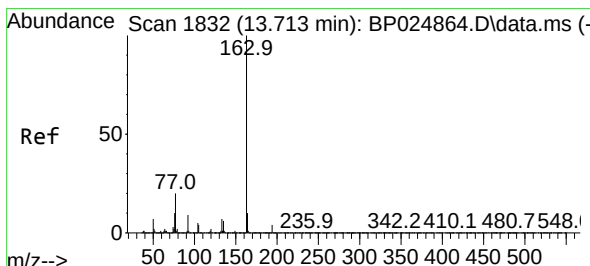
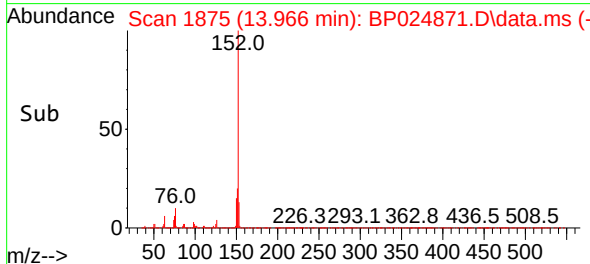
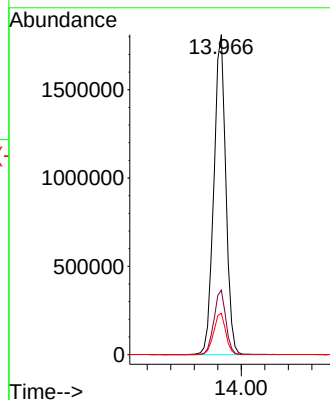
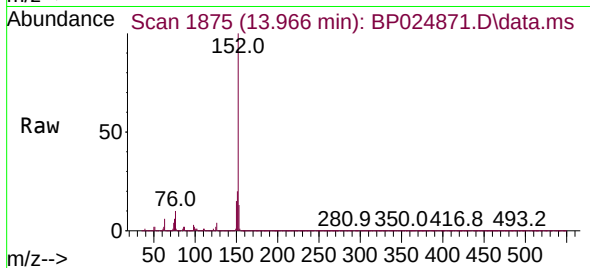
#49
Acenaphthylene
Concen: 38.013 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2556300
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.9 10.6 15.8

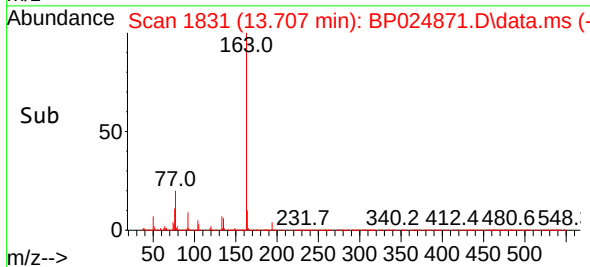
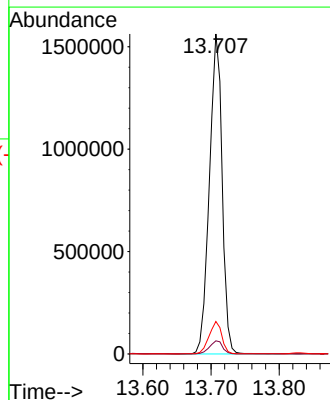
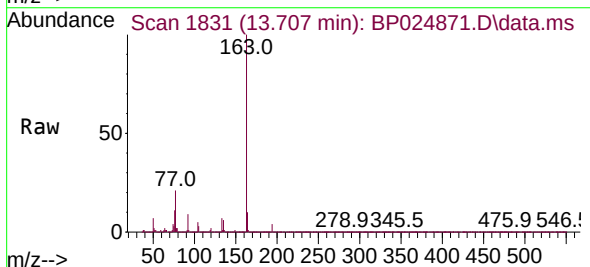
Manual Integrations
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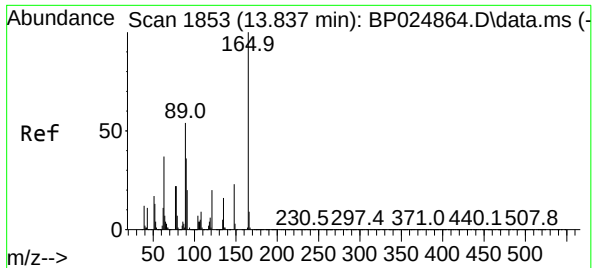
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#50
Dimethylphthalate
Concen: 37.961 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

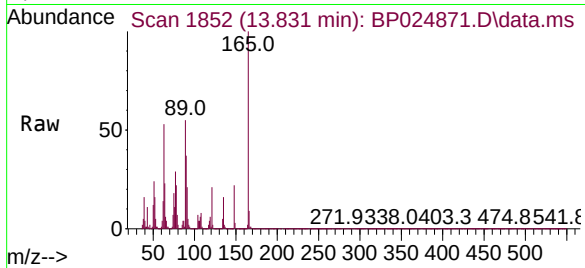
Tgt Ion:163 Resp: 2022085
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 38.784 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

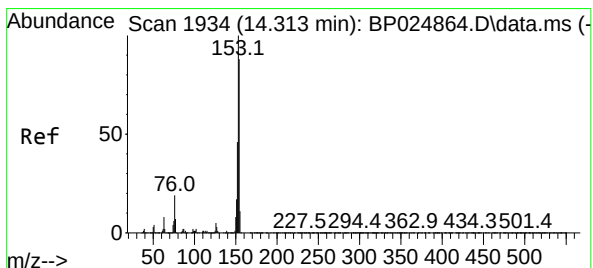
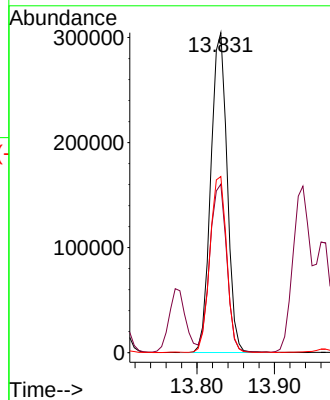
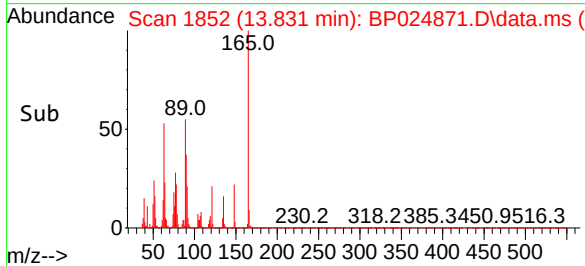
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 44537
Ion Ratio Lower Upper
165 100
63 52.6 41.8 62.8
89 55.1 43.1 64.7

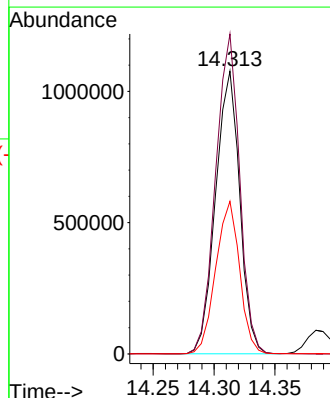
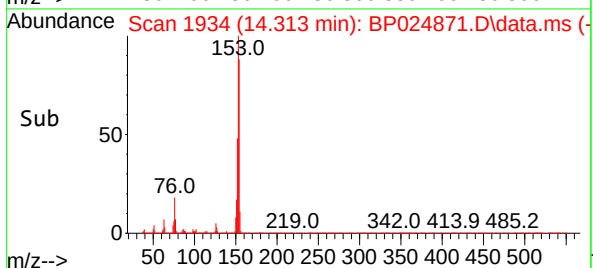
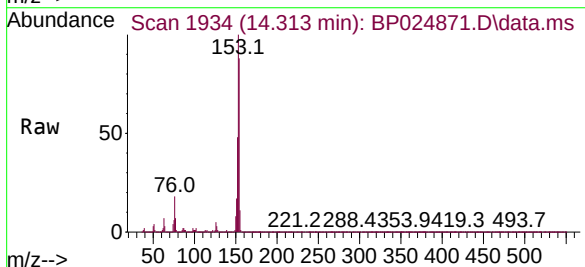
Manual Integrations
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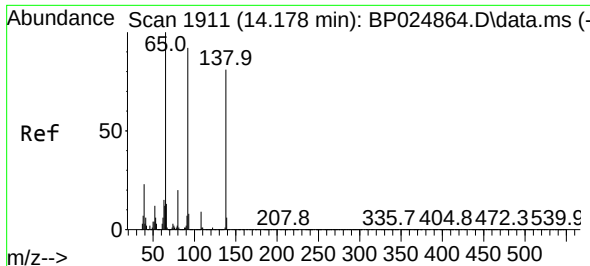
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 38.548 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

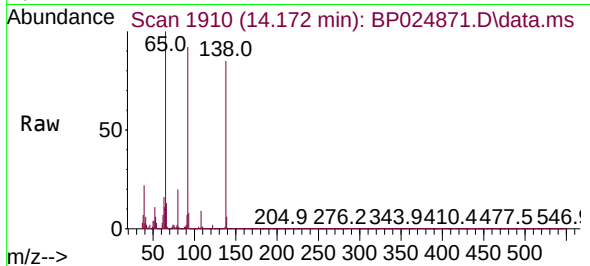
Tgt Ion:154 Resp: 1485445
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 54.0 42.1 63.1





#53
3-Nitroaniline
Concen: 41.514 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

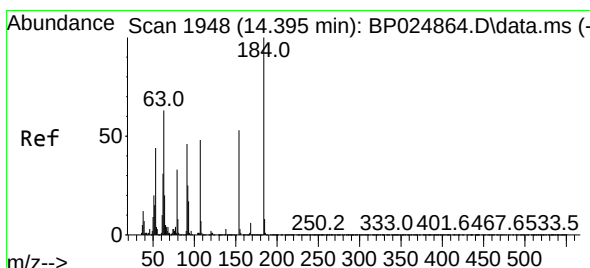
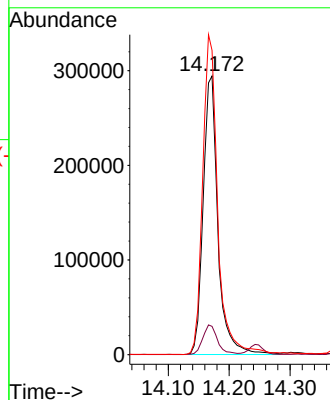
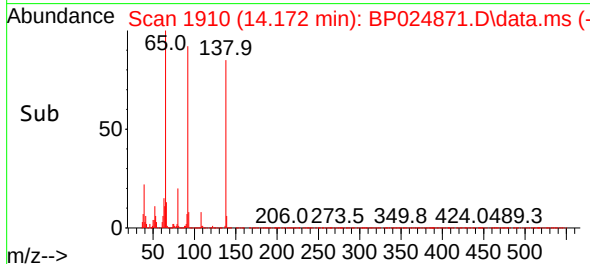
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



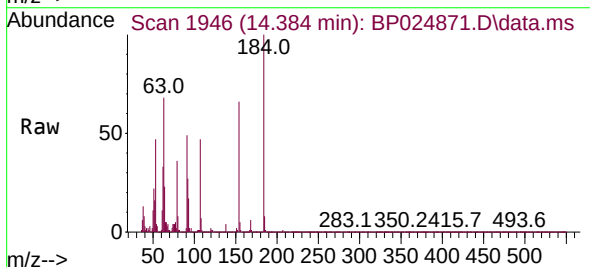
Tgt Ion:138 Resp: 494719
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 109.2 91.3 136.9

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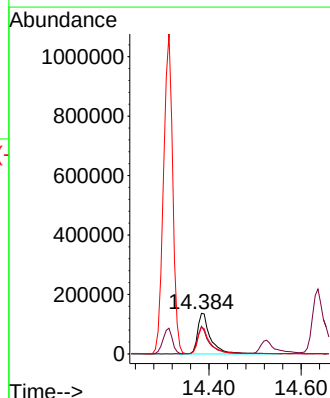
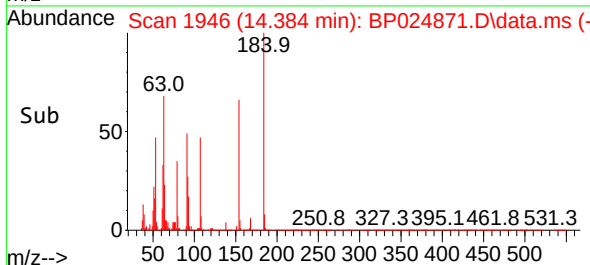
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

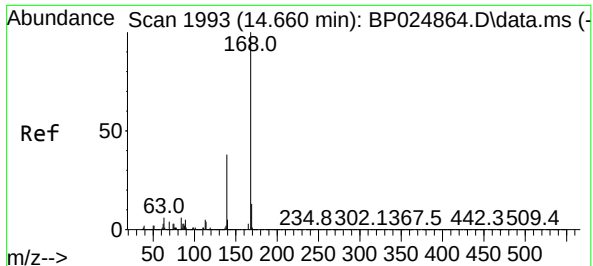


#54
2,4-Dinitrophenol
Concen: 38.223 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:184 Resp: 262463
Ion Ratio Lower Upper
184 100
63 68.2 51.0 76.4
154 65.8 51.7 77.5





#55

Dibenzenofuran

Concen: 38.059 ng

RT: 14.654 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 2354168

Ion Ratio Lower Upper

168 100

139 39.5 31.6 47.4

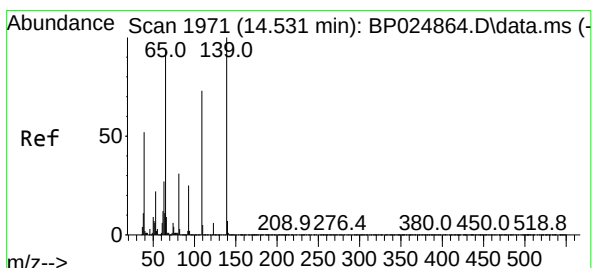
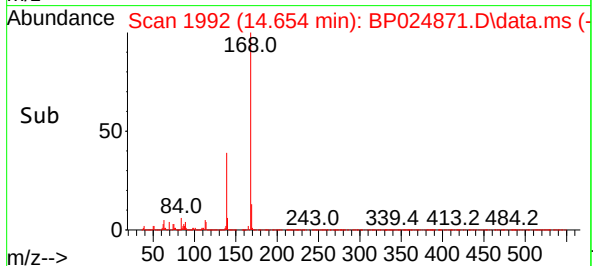
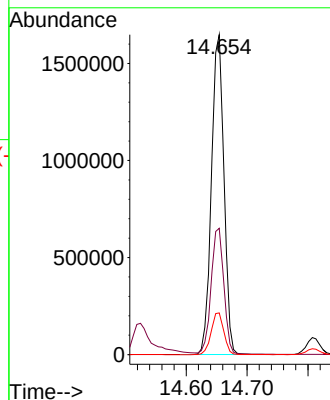
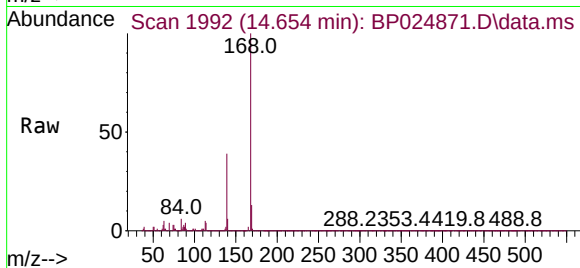
169 13.0 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#56

4-Nitrophenol

Concen: 39.074 ng

RT: 14.525 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

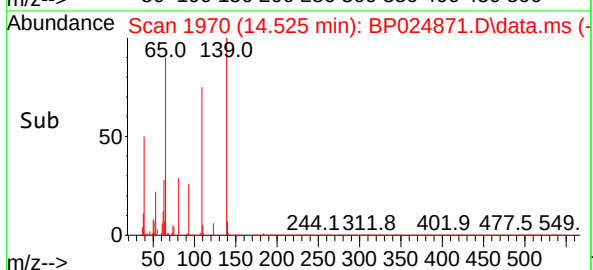
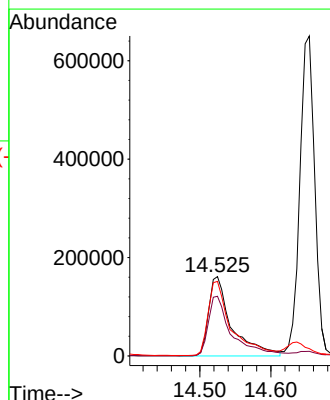
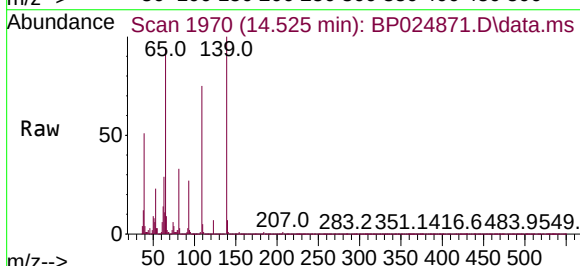
Tgt Ion:139 Resp: 364266

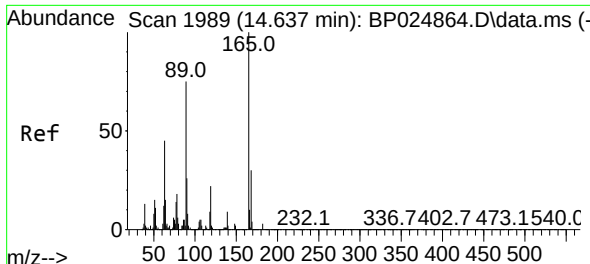
Ion Ratio Lower Upper

139 100

109 75.2 53.1 93.1

65 94.0 73.0 113.0





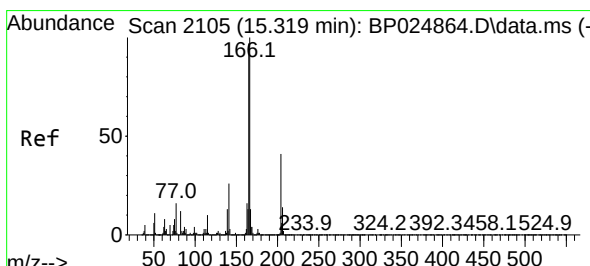
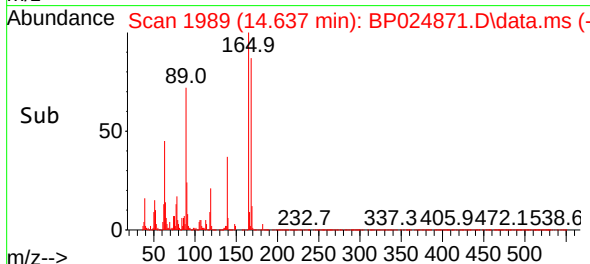
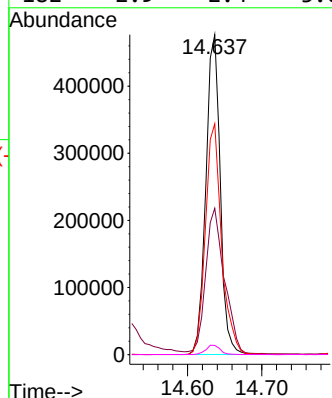
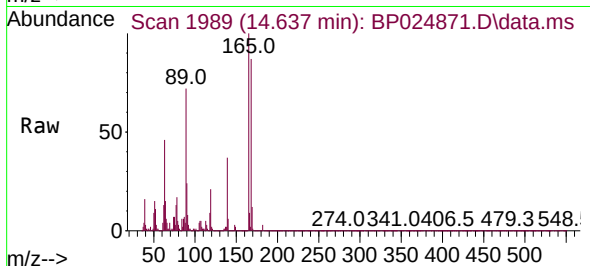
#57
2,4-Dinitrotoluene
Concen: 39.866 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 640380
Ion Ratio Lower Upper
165 100
63 45.7 37.0 55.6
89 72.2 60.1 90.1
182 2.9 2.4 3.6

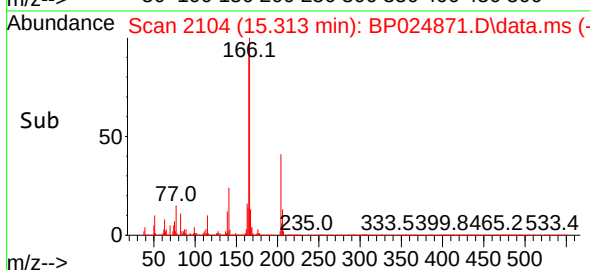
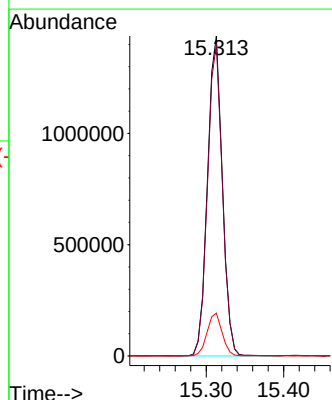
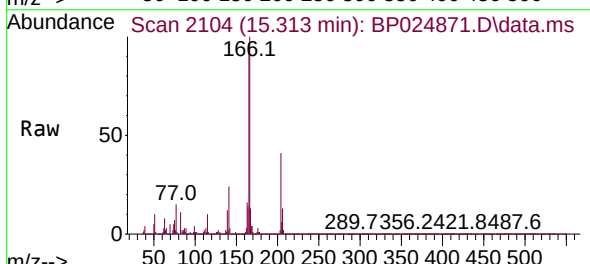
Manual Integrations
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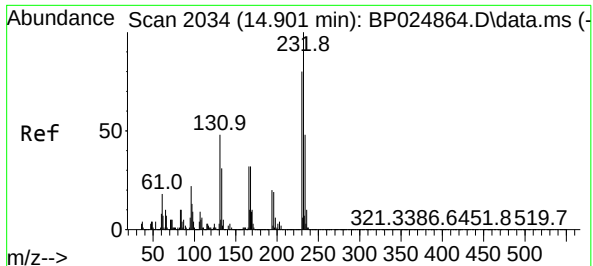
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 38.310 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:166 Resp: 1914326
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.904 ng

RT: 14.895 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 525400

Ion Ratio Lower Upper

232 100

131 47.4 38.2 57.2

130 2.5 2.1 3.1

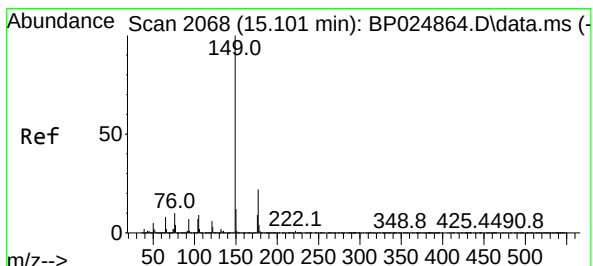
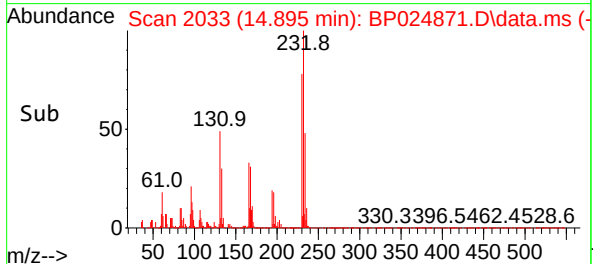
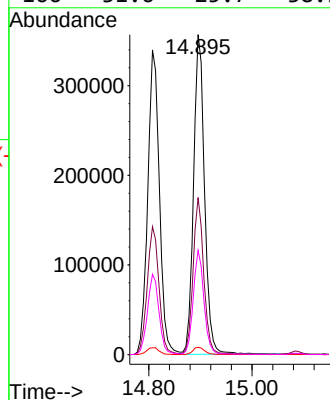
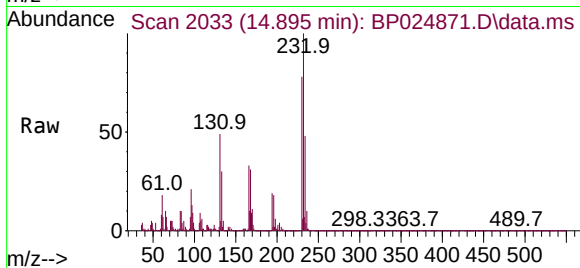
166 31.6 25.7 38.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#60

Diethylphthalate

Concen: 37.963 ng

RT: 15.084 min Scan# 2065

Delta R.T. -0.018 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

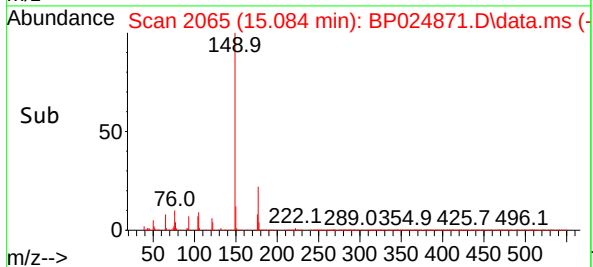
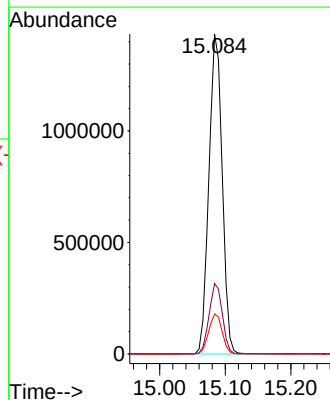
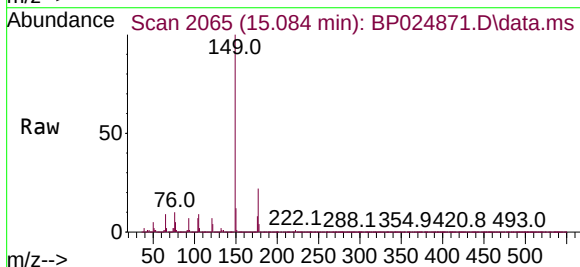
Tgt Ion:149 Resp: 2015313

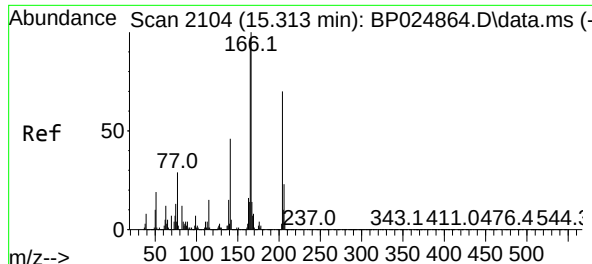
Ion Ratio Lower Upper

149 100

177 22.0 17.9 26.9

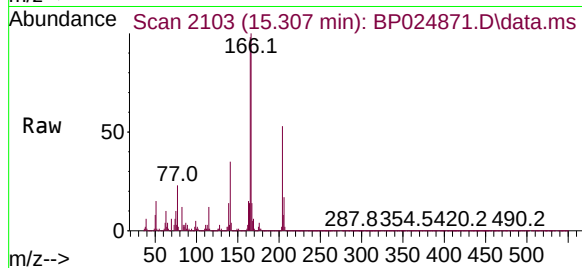
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 37.065 ng
RT: 15.307 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

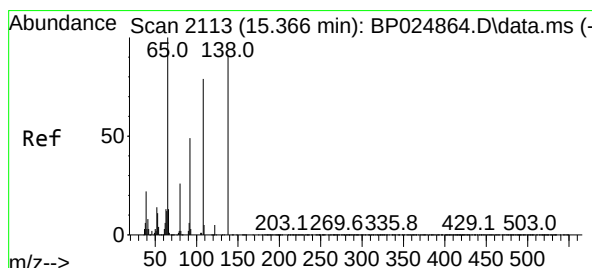
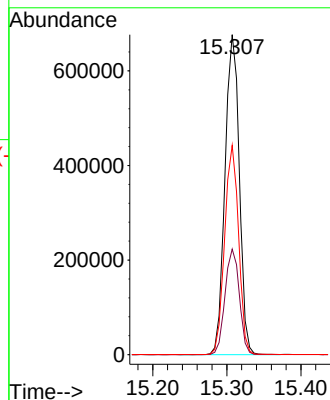
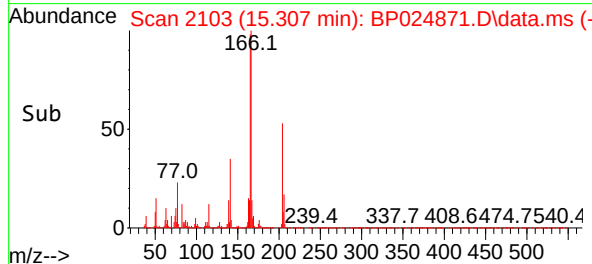
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 905582
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 65.4 52.4 78.6

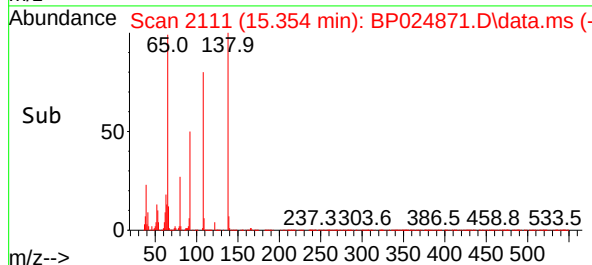
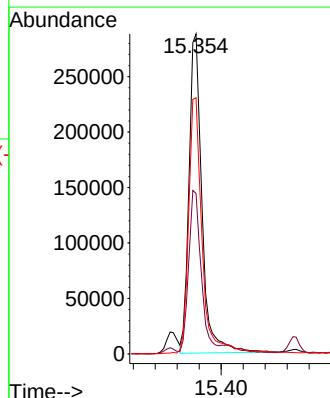
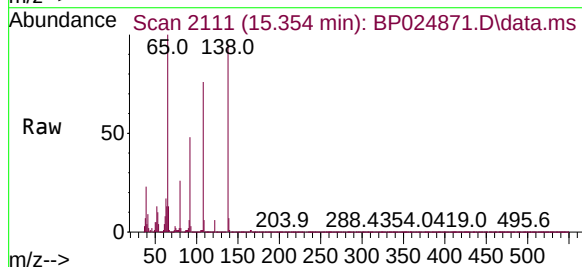
Manual Integrations
APPROVED

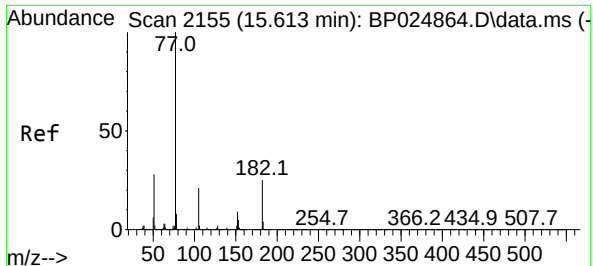
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 43.719 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

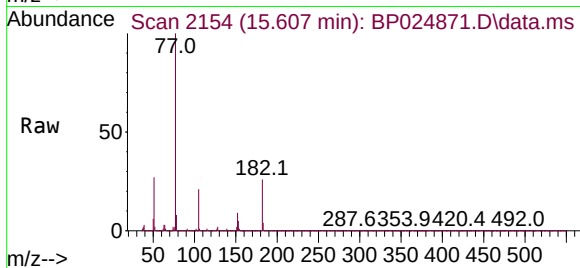
Tgt Ion:138 Resp: 472390
Ion Ratio Lower Upper
138 100
92 50.1 33.5 73.5
108 80.0 65.1 105.1





#63
Azobenzene
Concen: 38.692 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

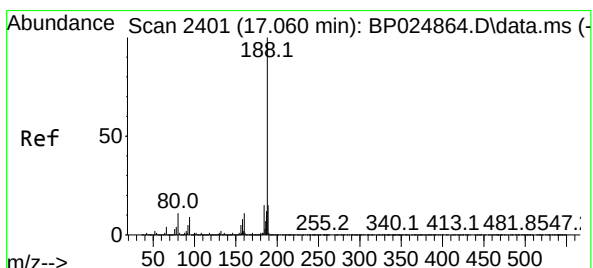
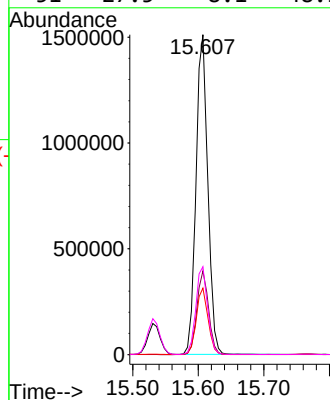
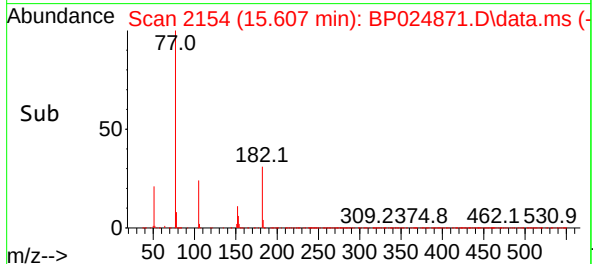
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



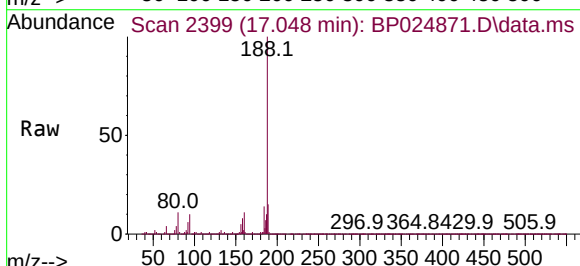
Tgt Ion: 77 Resp: 1883823
Ion Ratio Lower Upper
77 100
182 26.1 5.4 45.4
105 20.8 0.8 40.8
51 27.5 8.1 48.1

Manual Integrations
APPROVED

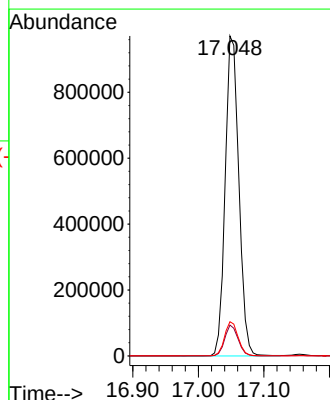
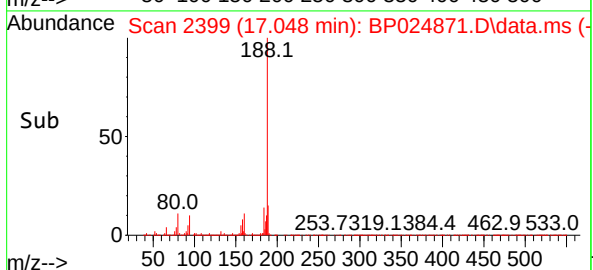
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

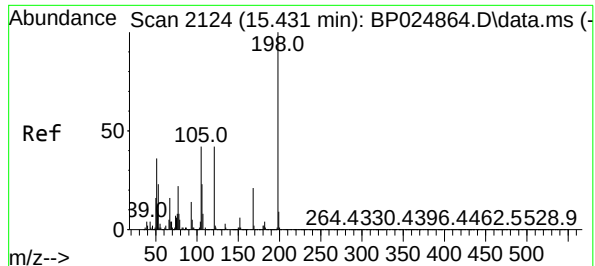


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:188 Resp: 1406327
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.7 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 39.815 ng

RT: 15.413 min Scan# 2121

Delta R.T. -0.018 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 367928

Ion Ratio Lower Upper

198 100

51 43.4 19.2 59.2

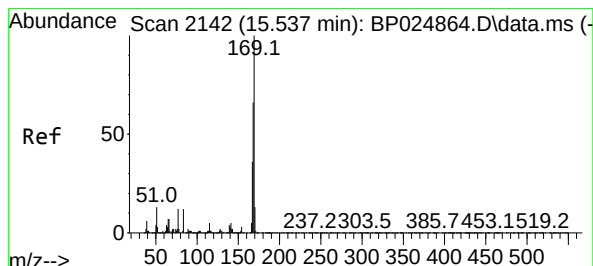
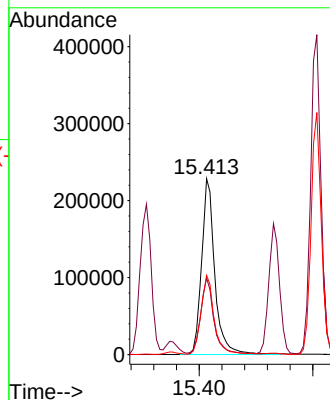
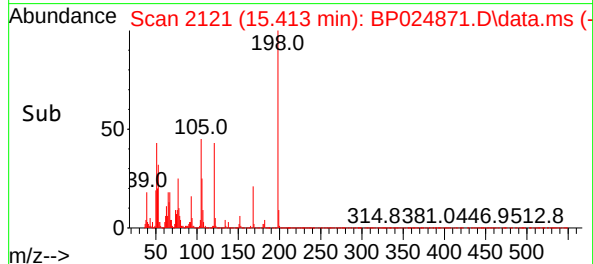
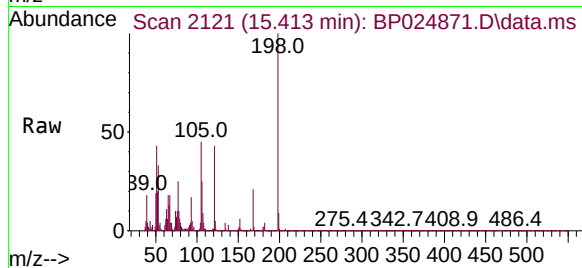
105 45.1 22.6 62.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#66

n-Nitrosodiphenylamine

Concen: 38.436 ng

RT: 15.537 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

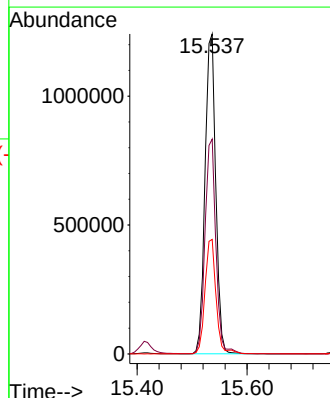
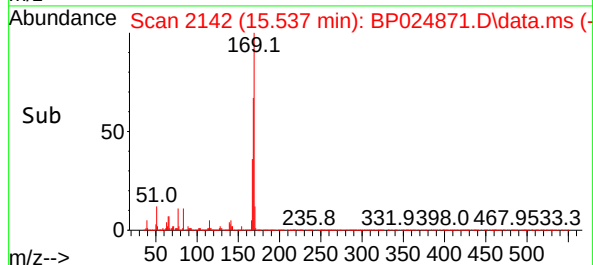
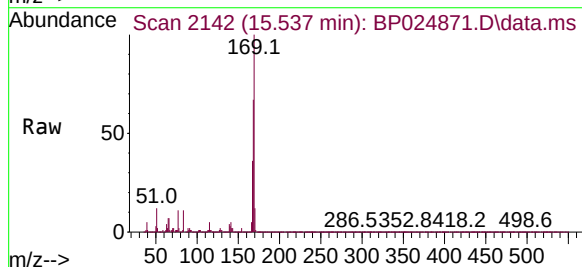
Tgt Ion:169 Resp: 1675390

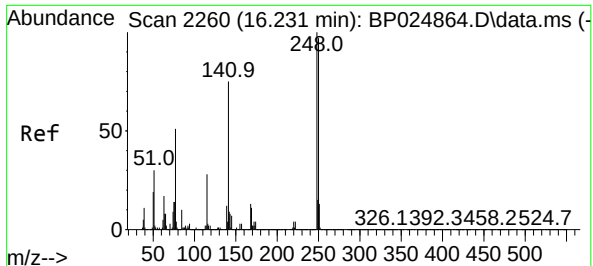
Ion Ratio Lower Upper

169 100

168 67.1 53.0 79.6

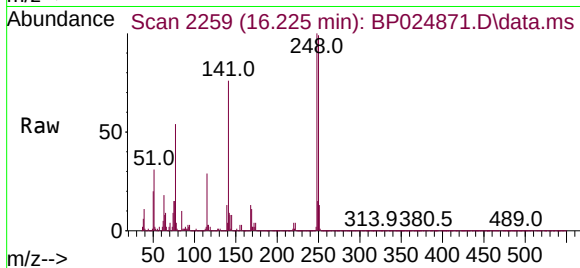
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.242 ng
RT: 16.225 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

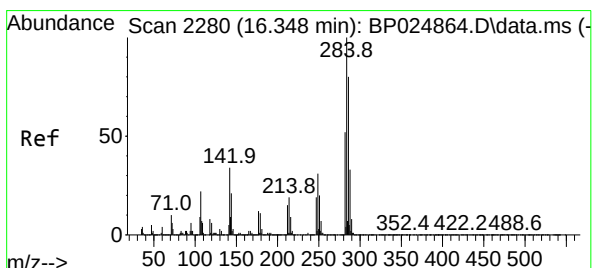
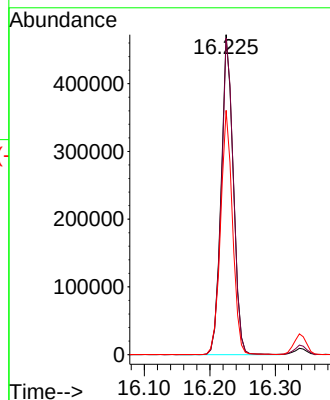
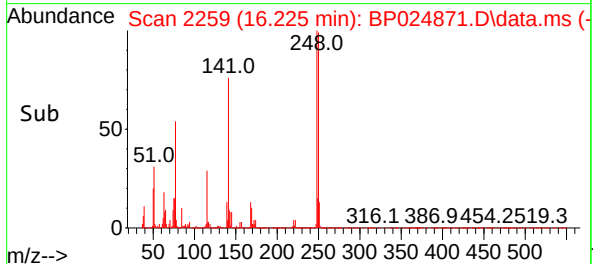
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



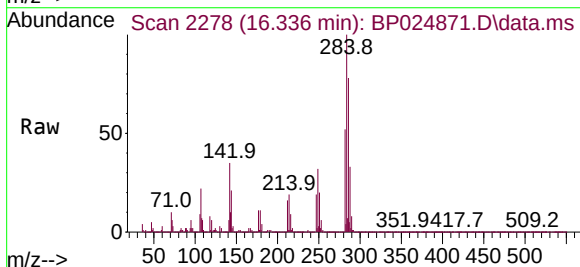
Tgt Ion:248 Resp: 606816
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 76.3 59.9 89.9

Manual Integrations
APPROVED

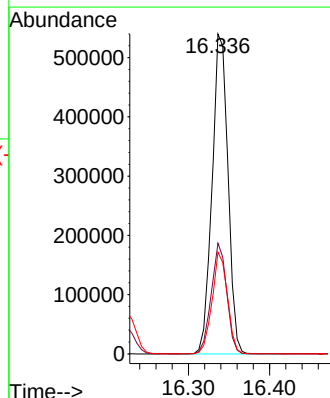
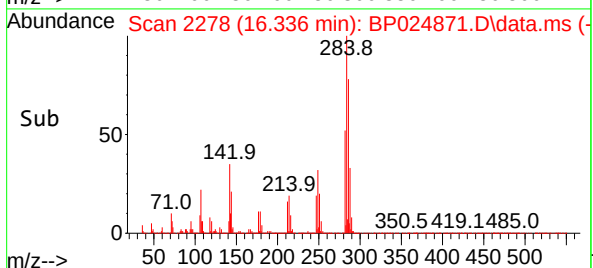
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

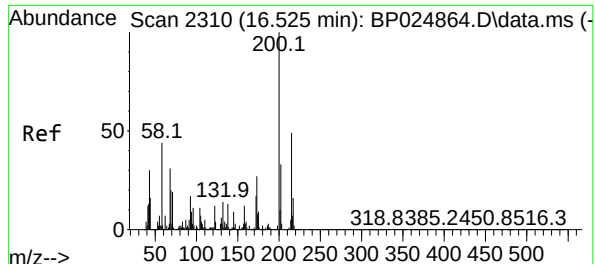


#68
Hexachlorobenzene
Concen: 38.199 ng
RT: 16.336 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



Tgt Ion:284 Resp: 734824
Ion Ratio Lower Upper
284 100
142 34.6 27.0 40.6
249 31.8 25.0 37.6





#69

Atrazine

Concen: 38.113 ng

RT: 16.519 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 60225

Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

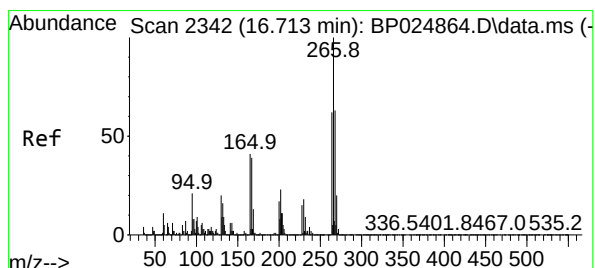
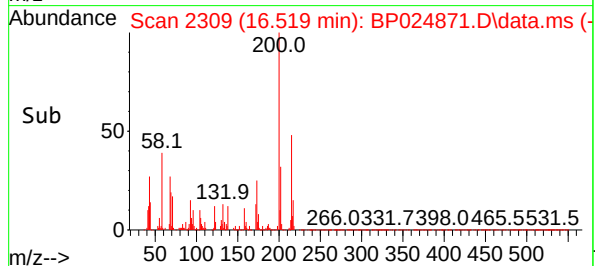
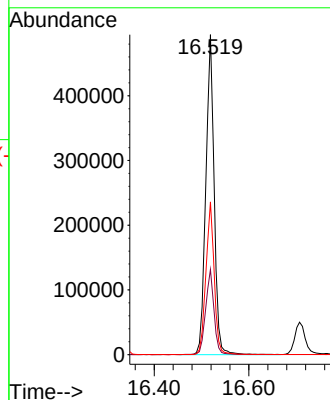
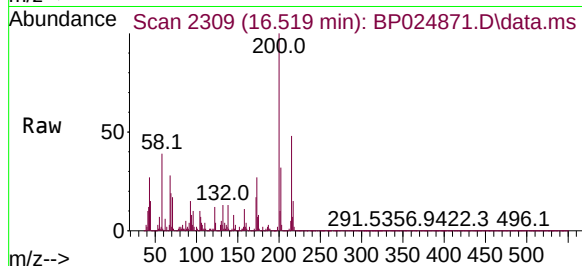
215 47.7 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#70

Pentachlorophenol

Concen: 42.241 ng

RT: 16.707 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

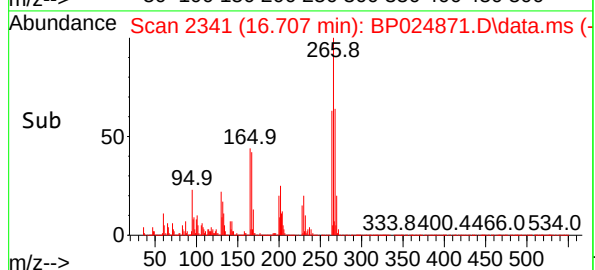
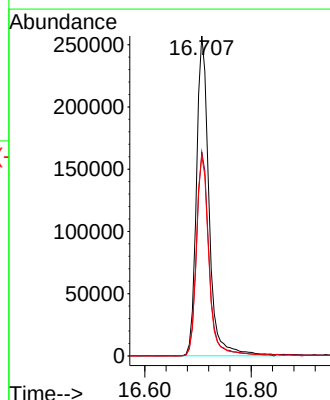
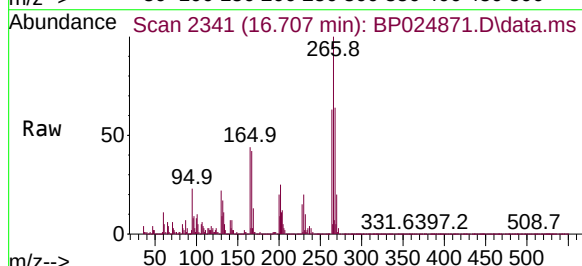
Tgt Ion:266 Resp: 420547

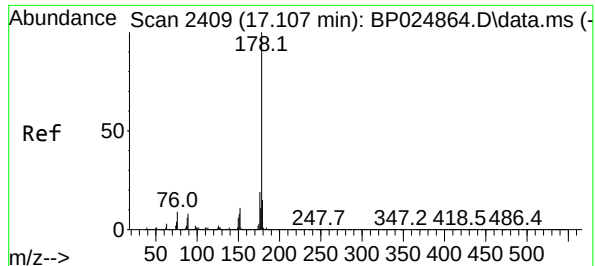
Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

264 62.6 49.7 74.5





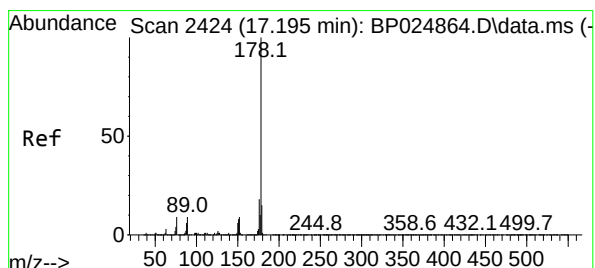
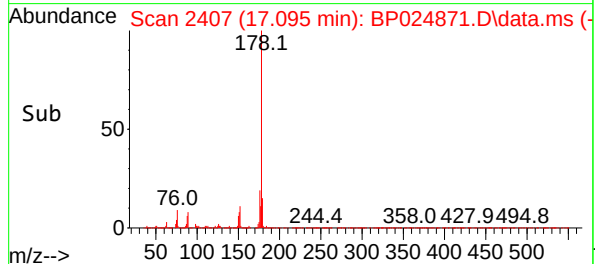
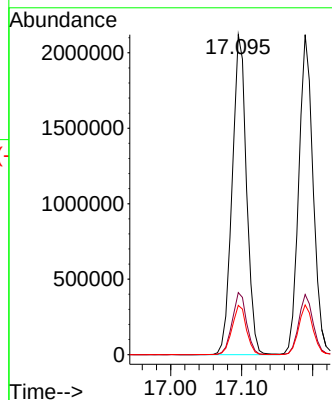
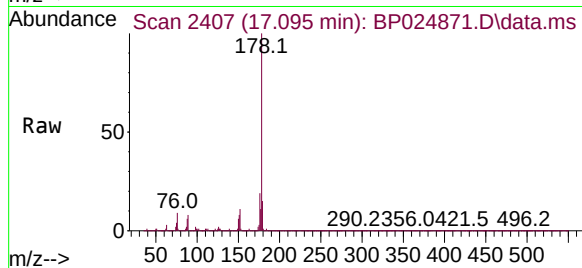
#71
Phenanthrene
Concen: 38.207 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2969260
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.1 18.1

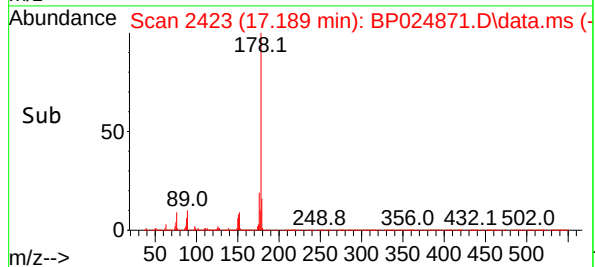
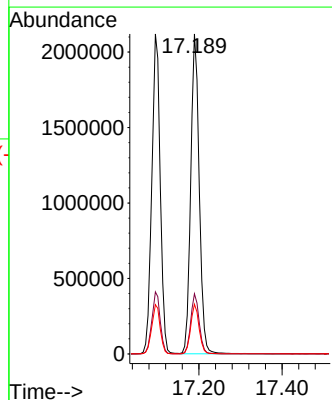
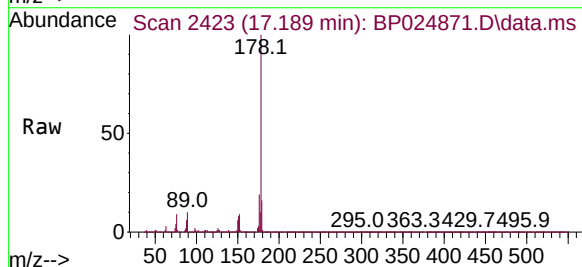
Manual Integrations
APPROVED

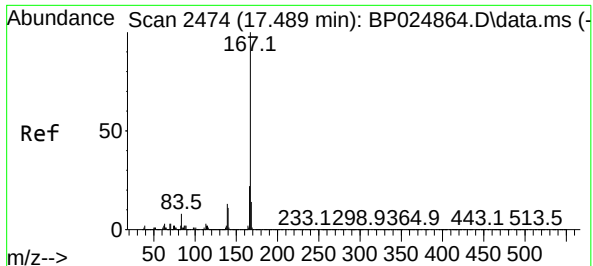
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 38.143 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

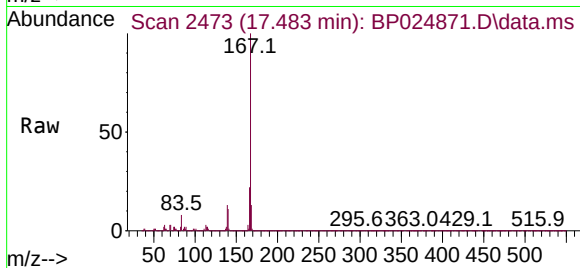
Tgt Ion:178 Resp: 3002181
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 38.742 ng
 RT: 17.483 min Scan# 2473
 Delta R.T. -0.006 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44

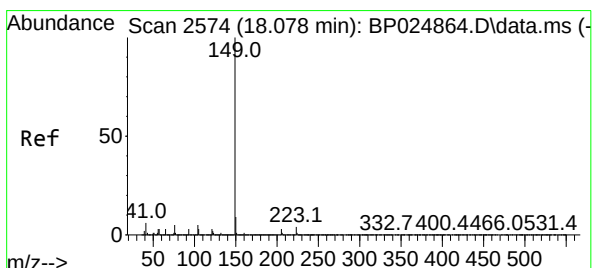
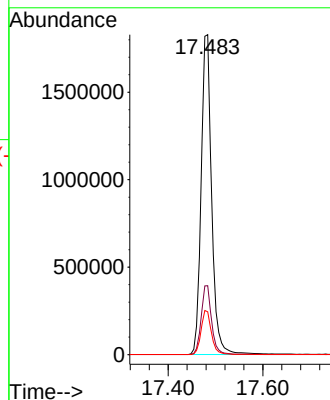
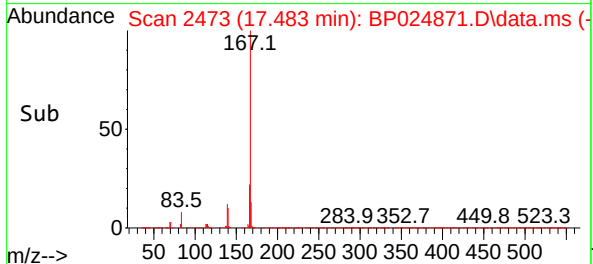
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



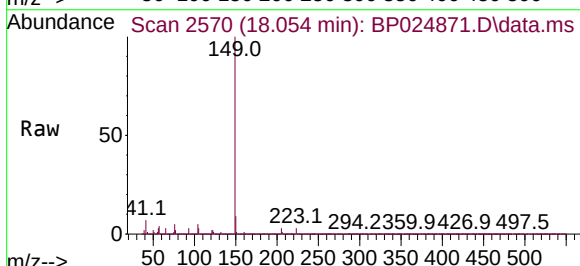
Tgt Ion:167 Resp: 2826406
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.4 10.8 16.2

Manual Integrations
 APPROVED

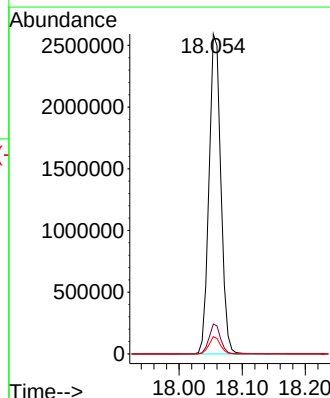
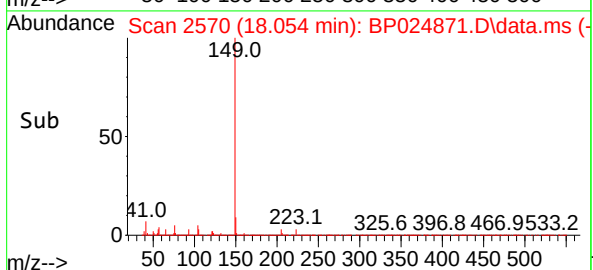
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

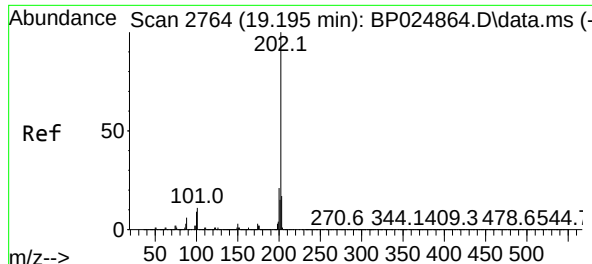


#74
 Di-n-butylphthalate
 Concen: 37.195 ng
 RT: 18.054 min Scan# 2570
 Delta R.T. -0.024 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44



Tgt Ion:149 Resp: 3362066
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 37.471 ng
RT: 19.183 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

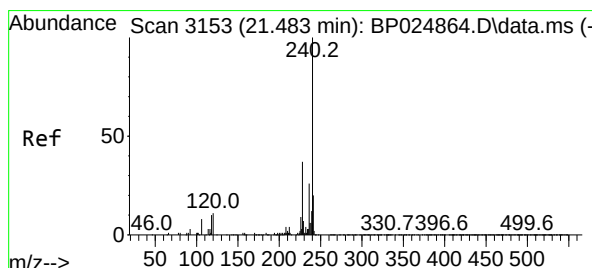
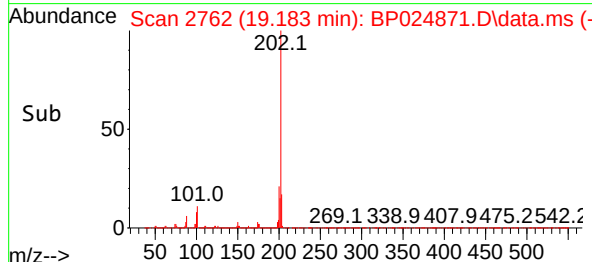
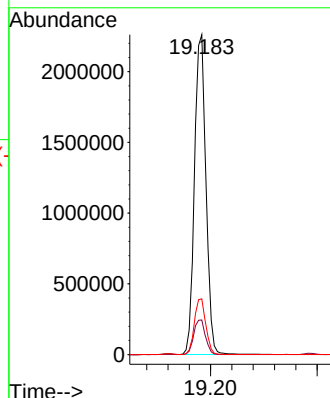
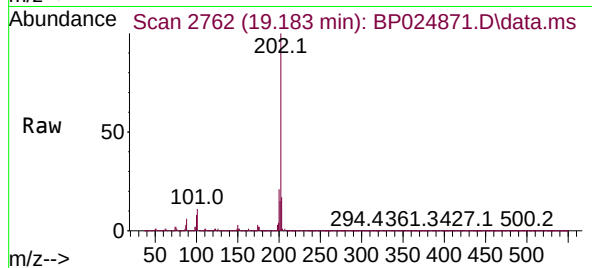
SSTDCCC040

Tgt Ion:202 Resp: 3375260
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.4 0.0 37.5

Manual Integrations
APPROVED

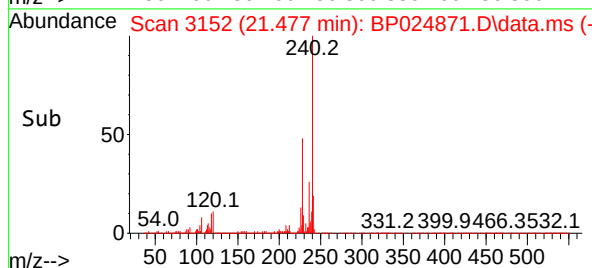
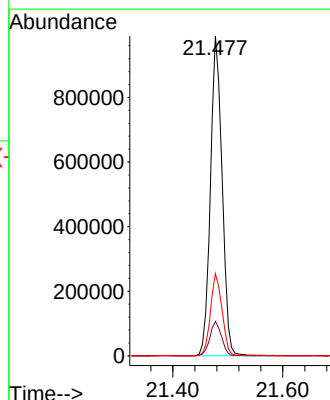
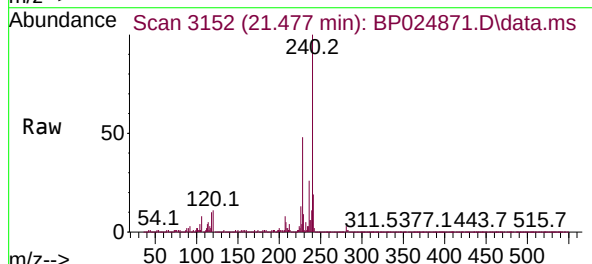
Reviewed By :Rahul Chavli 06/10/2025

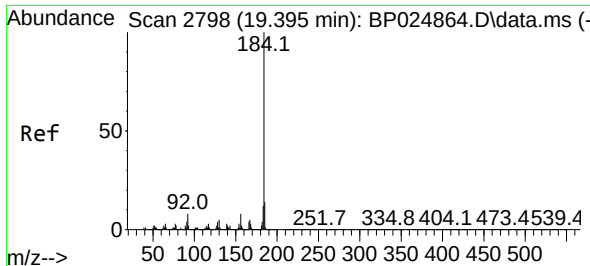
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

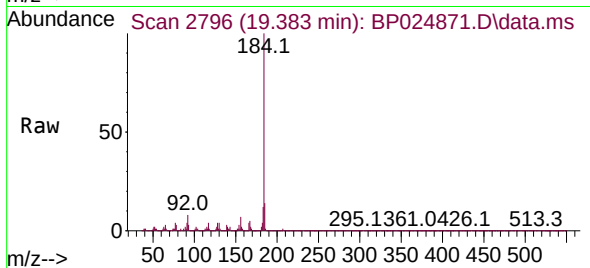
Tgt Ion:240 Resp: 1456984
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.7 20.9 31.3





#77
Benzidine
Concen: 42.452 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

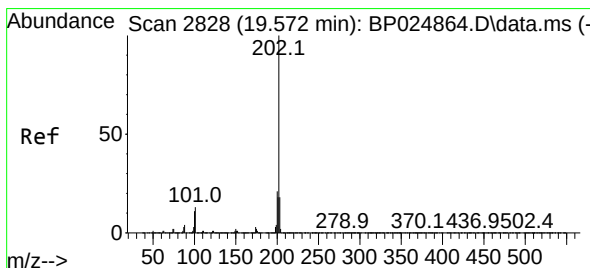
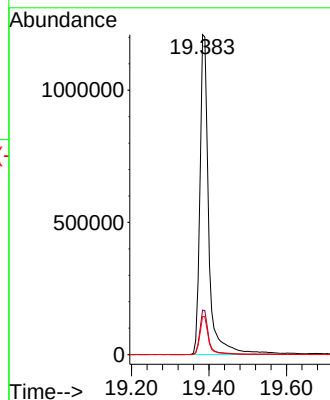
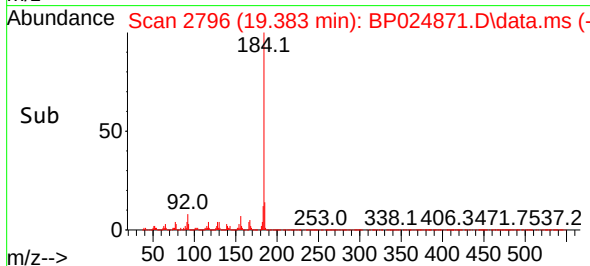
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1915629
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.9 9.5 14.3

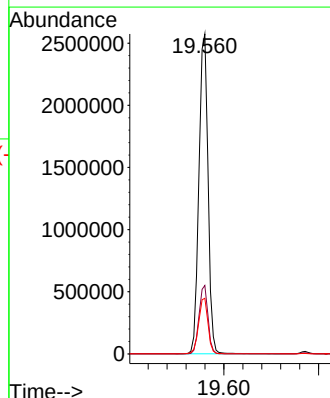
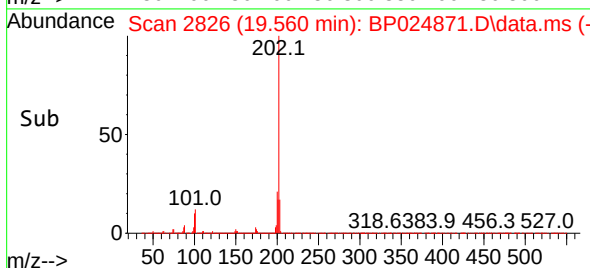
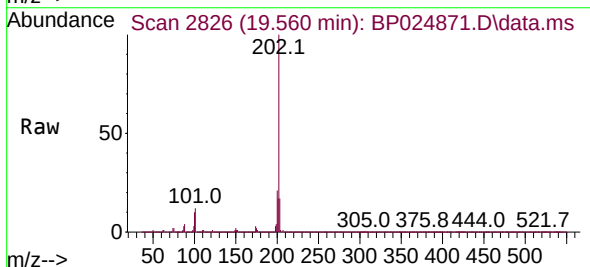
Manual Integrations
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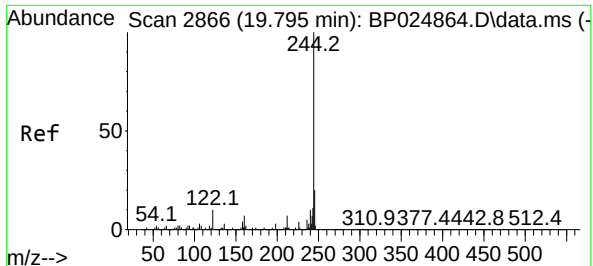
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 37.827 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

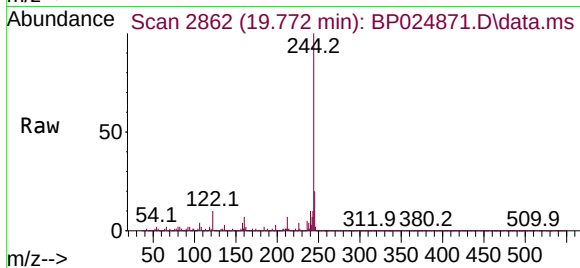
Tgt Ion:202 Resp: 3443152
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 74.981 ng
 RT: 19.772 min Scan# 2866
 Delta R.T. -0.024 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44

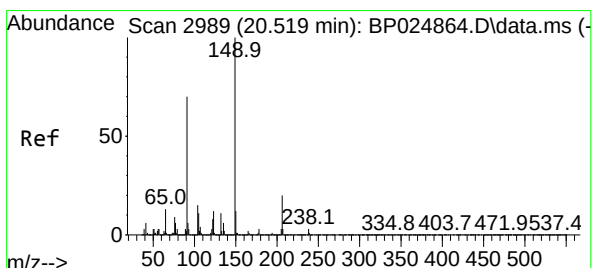
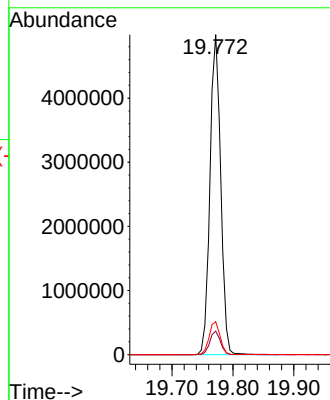
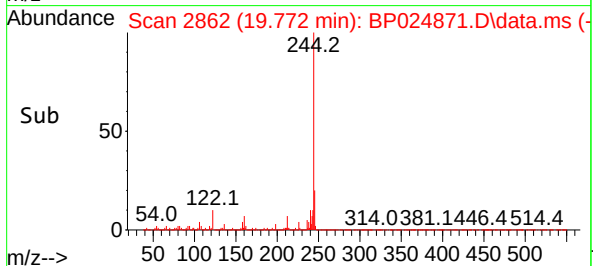
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



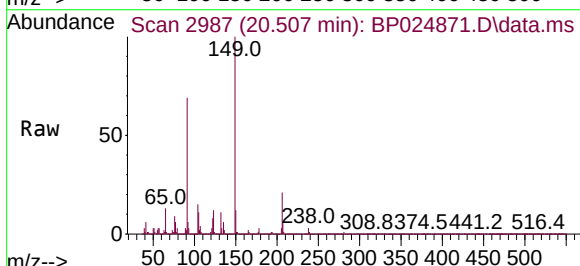
Tgt Ion:244 Resp: 6095445
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.3 7.7 11.5

Manual Integrations
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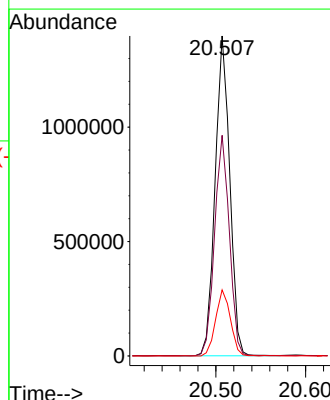
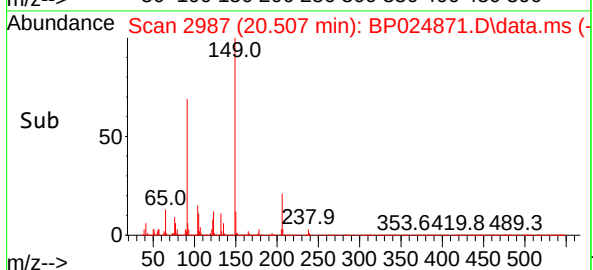
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

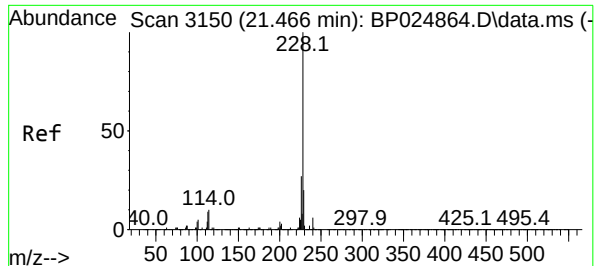


#80
 Butylbenzylphthalate
 Concen: 38.030 ng
 RT: 20.507 min Scan# 2987
 Delta R.T. -0.012 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44



Tgt Ion:149 Resp: 1585622
 Ion Ratio Lower Upper
 149 100
 91 68.9 55.8 83.8
 206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.417 ng

RT: 21.460 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 3579939

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

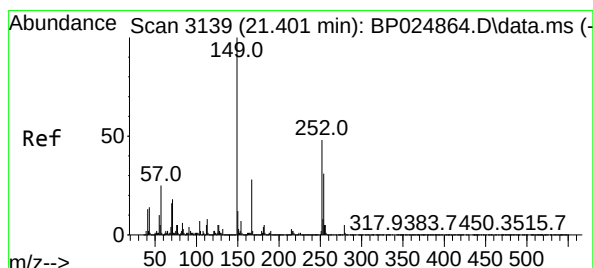
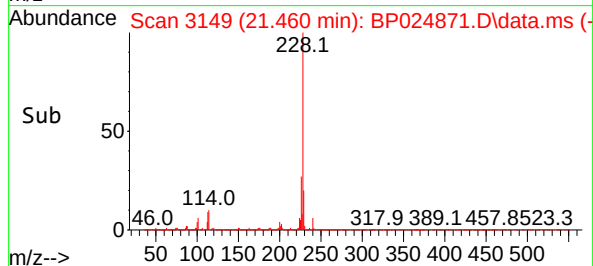
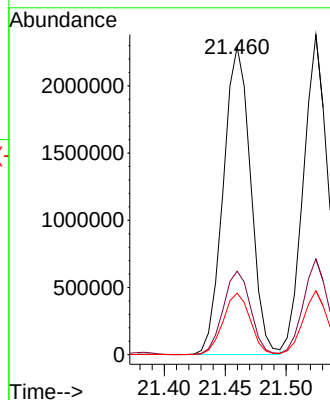
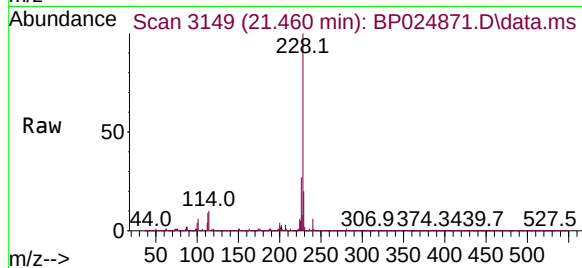
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#82

3,3'-Dichlorobenzidine

Concen: 38.683 ng

RT: 21.383 min Scan# 3136

Delta R.T. -0.018 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

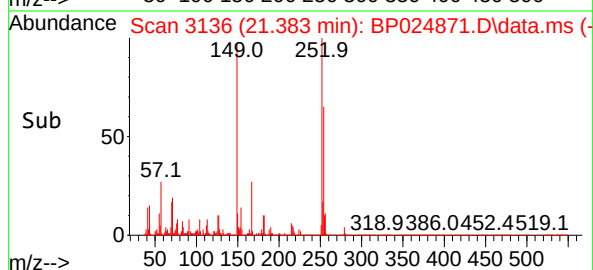
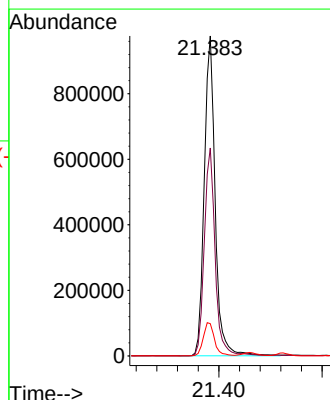
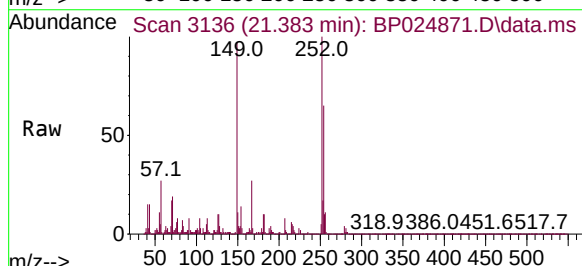
Tgt Ion:252 Resp: 1431070

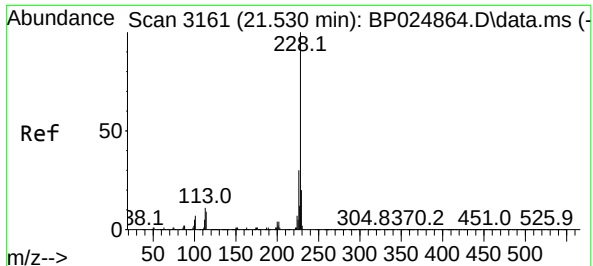
Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

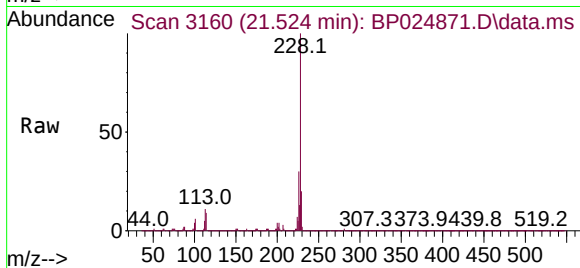
126 10.1 8.6 12.8





#83
Chrysene
Concen: 38.101 ng
RT: 21.524 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

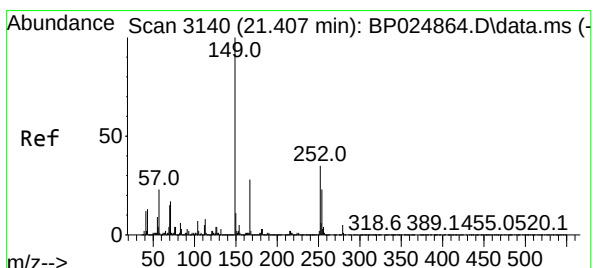
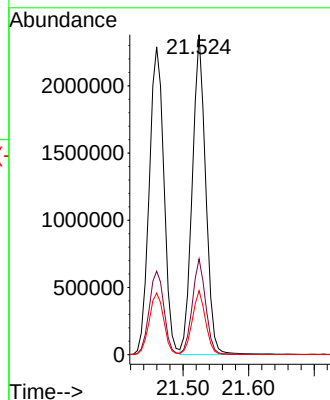
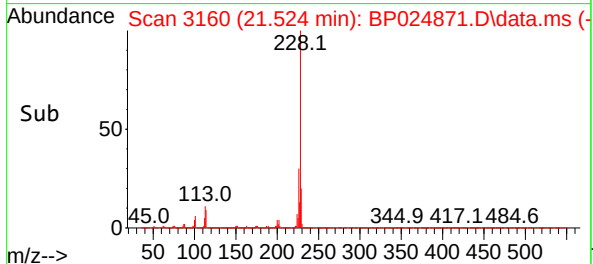
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 3364139
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 20.0 15.6 23.4

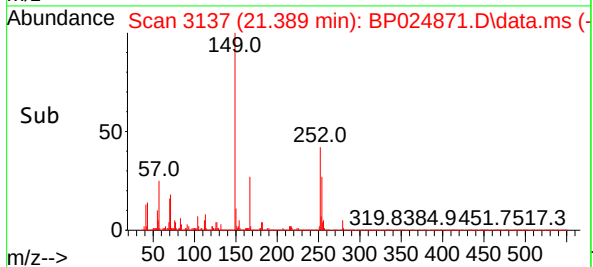
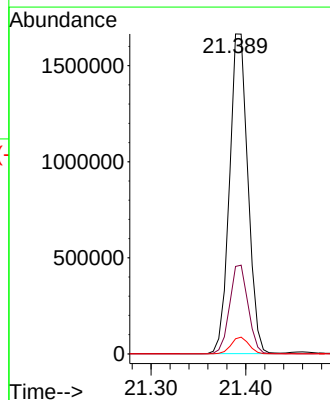
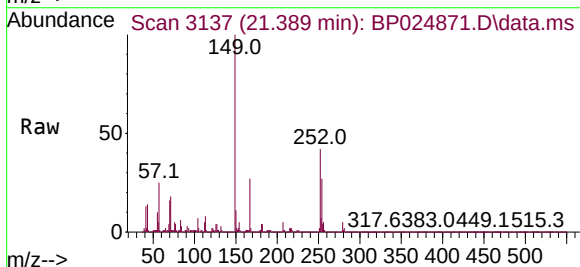
Manual Integrations
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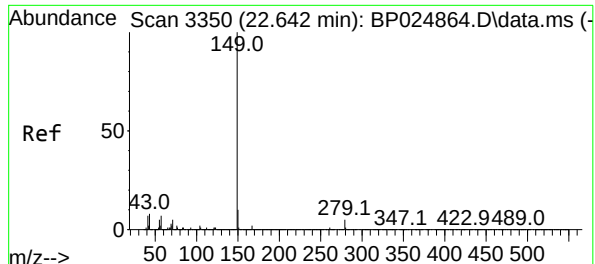
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.636 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:149 Resp: 2248290
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 4.7 4.0 6.0





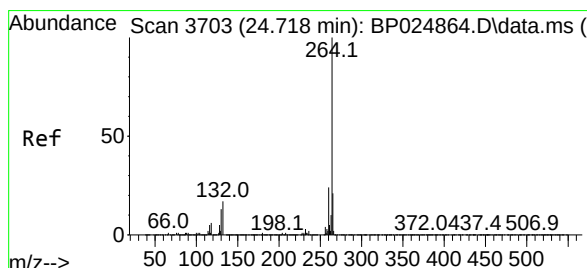
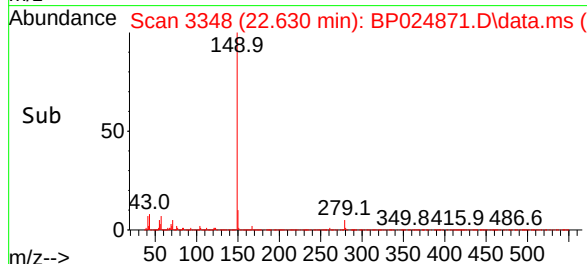
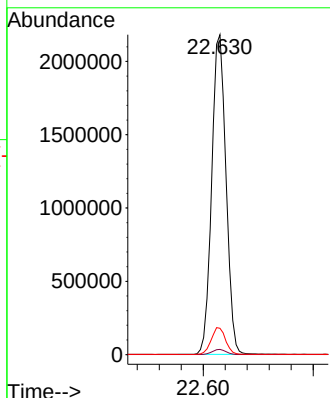
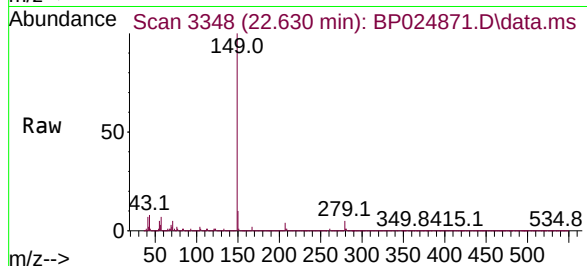
#85
Di-n-octyl phthalate
Concen: 37.383 ng
RT: 22.630 min Scan# 3350
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 393616
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.6 10.0

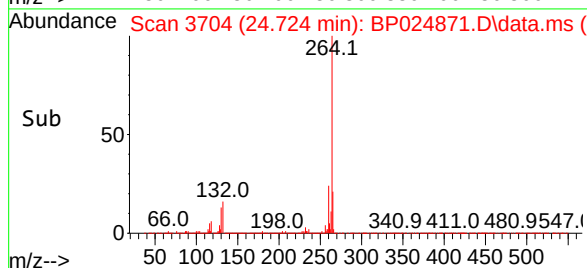
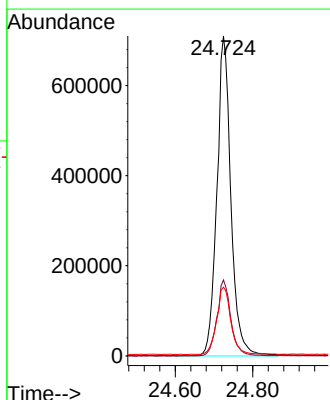
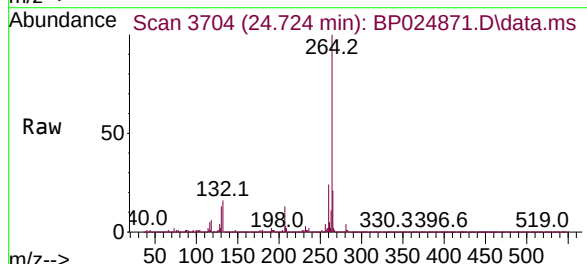
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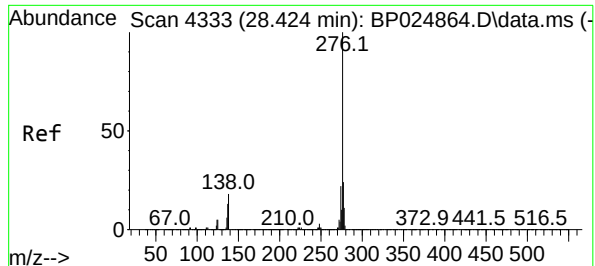
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:264 Resp: 1778909
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.367 ng

RT: 28.412 min Scan# 4333

Delta R.T. -0.012 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 5109505

Ion Ratio Lower Upper

276 100

138 16.8 18.6 27.8

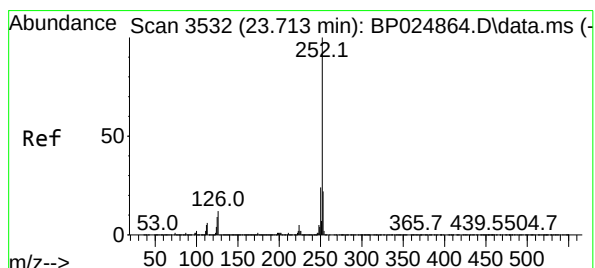
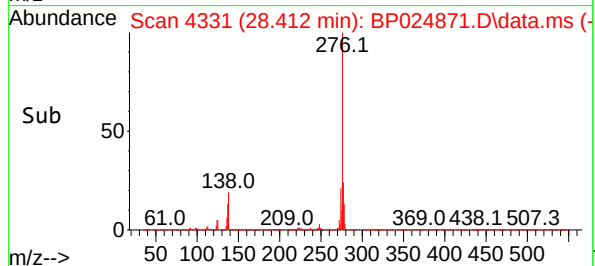
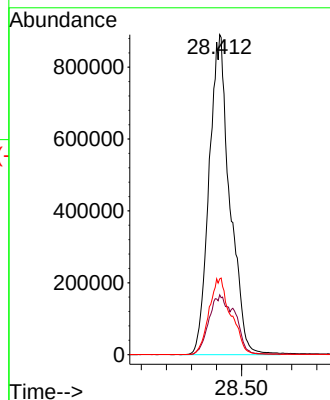
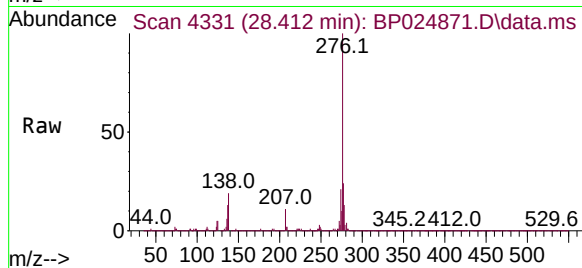
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#88

Benzo(b)fluoranthene

Concen: 38.301 ng

RT: 23.689 min Scan# 3528

Delta R.T. -0.024 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

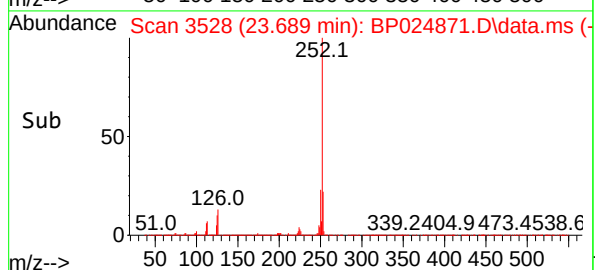
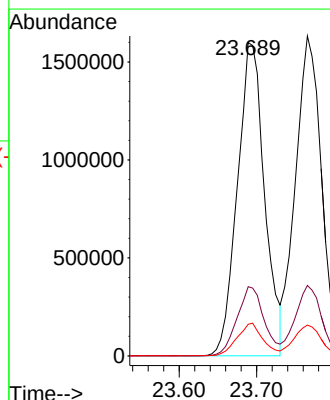
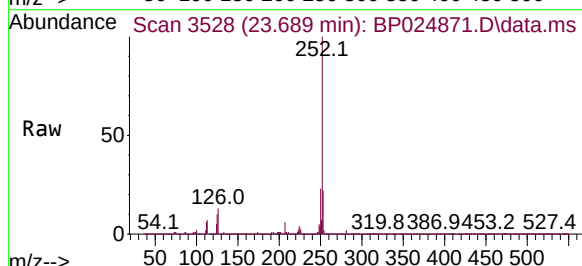
Tgt Ion:252 Resp: 3899336

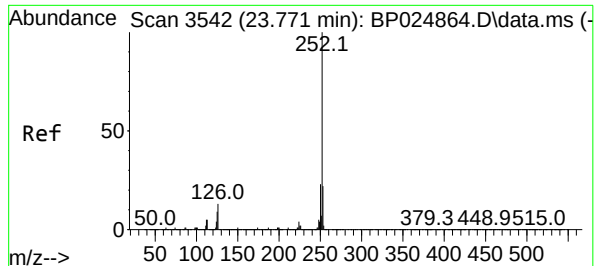
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.286 ng

RT: 23.765 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 3863940

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

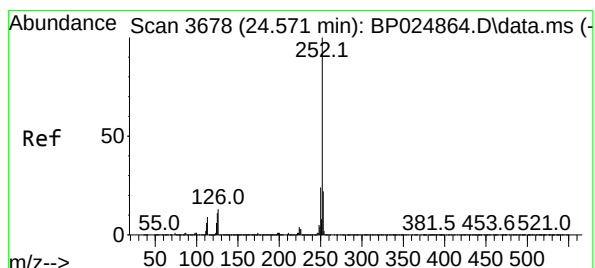
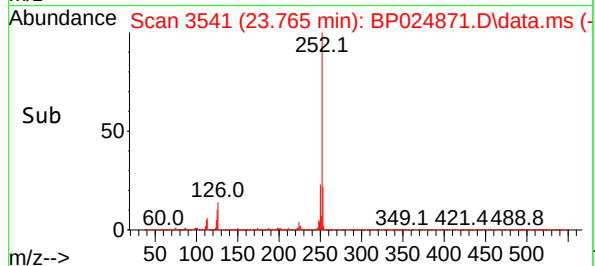
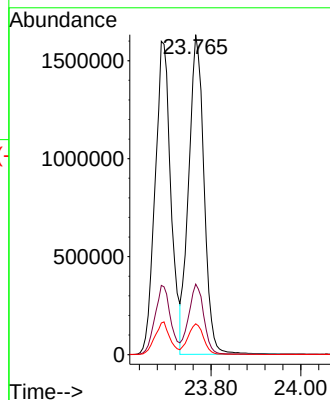
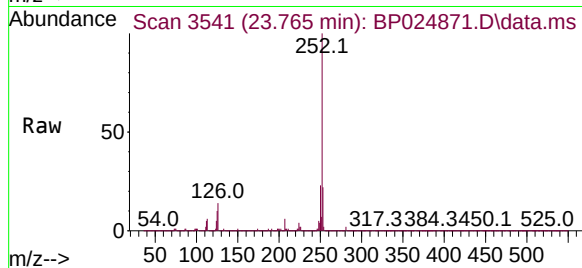
125 9.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 37.841 ng

RT: 24.571 min Scan# 3678

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

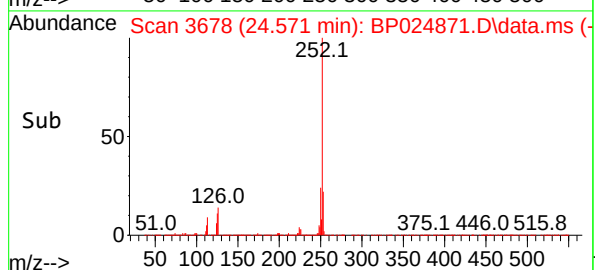
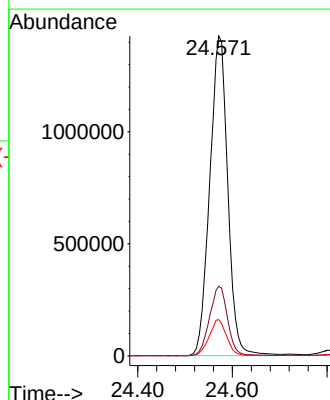
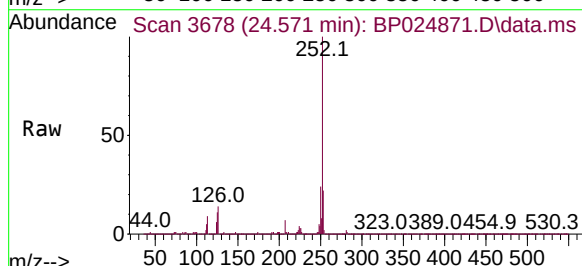
Tgt Ion:252 Resp: 3762288

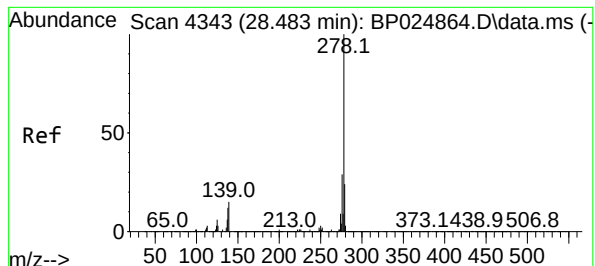
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 39.385 ng

RT: 28.465 min Scan# 4343

Delta R.T. -0.018 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 4160909

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

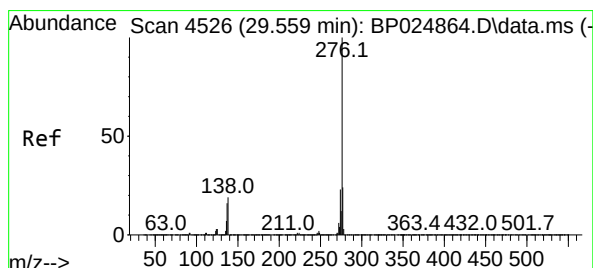
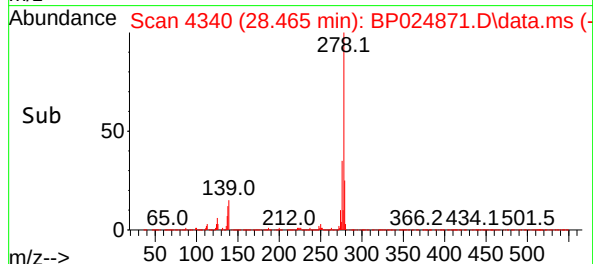
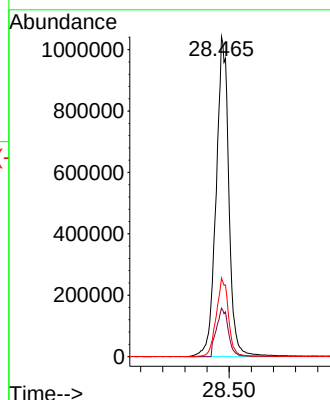
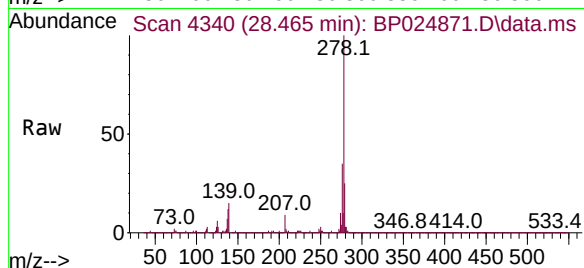
279 24.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#92

Benzo(g,h,i)perylene

Concen: 39.310 ng

RT: 29.553 min Scan# 4525

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

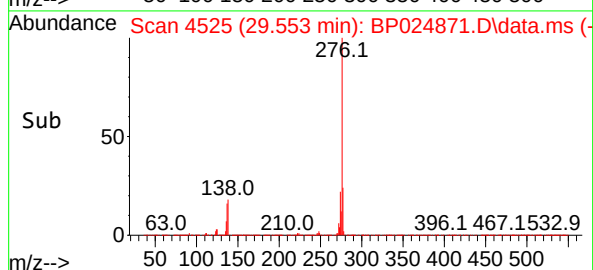
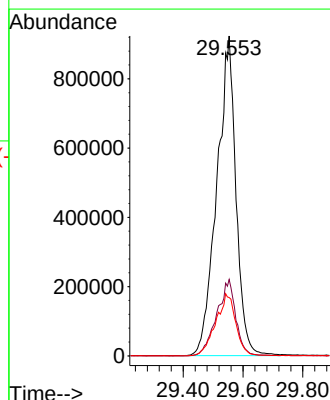
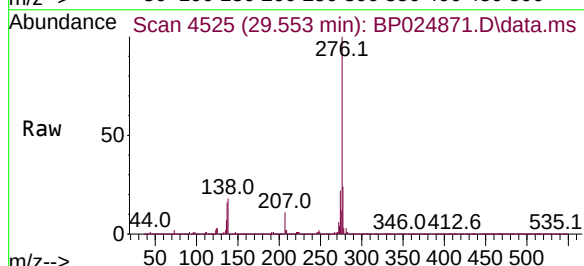
Tgt Ion:276 Resp: 4120588

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.2 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	102	0.00
2	1,4-Dioxane	0.527	0.520	1.3	107	0.00
3	Pyridine	1.268	1.350	-6.5	112	0.00
4	n-Nitrosodimethylamine	0.518	0.523	-1.0	106	0.00
5 S	2-Fluorophenol	1.198	1.175	1.9	103	0.00
6	Aniline	2.023	2.057	-1.7	106	0.00
7 S	Phenol-d6	1.585	1.601	-1.0	105	0.00
8	2-Chlorophenol	1.358	1.342	1.2	104	0.00
9	Benzaldehyde	0.914	0.893	2.3	104	0.00
10 C	Phenol	1.634	1.666	-2.0	107	0.00
11	bis(2-Chloroethyl)ether	1.285	1.280	0.4	105	0.00
12	1,3-Dichlorobenzene	1.515	1.435	5.3	102	0.00
13 C	1,4-Dichlorobenzene	1.529	1.461	4.4	103	0.00
14	1,2-Dichlorobenzene	1.501	1.406	6.3	102	0.00
15	Benzyl Alcohol	1.217	1.234	-1.4	107	0.00
16	2,2'-oxybis(1-Chloropropane	1.682	1.631	3.0	105	0.00
17	2-Methylphenol	1.141	1.152	-1.0	106	0.00
18	Hexachloroethane	0.576	0.542	5.9	101	0.00
19 P	n-Nitroso-di-n-propylamine	1.078	1.088	-0.9	106	0.00
20	3+4-Methylphenols	1.557	1.575	-1.2	107	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22	Acetophenone	0.505	0.492	2.6	107	0.00
23 S	Nitrobenzene-d5	0.412	0.405	1.7	107	0.00
24	Nitrobenzene	0.366	0.359	1.9	106	0.00
25	Isophorone	0.713	0.693	2.8	106	0.00
26 C	2-Nitrophenol	0.180	0.181	-0.6	107	0.00
27	2,4-Dimethylphenol	0.309	0.303	1.9	106	0.00
28	bis(2-Chloroethoxy)methane	0.426	0.409	4.0	105	0.00
29 C	2,4-Dichlorophenol	0.296	0.296	0.0	108	0.00
30	1,2,4-Trichlorobenzene	0.334	0.312	6.6	105	0.00
31	Naphthalene	1.025	0.984	4.0	106	0.00
32	Benzoic acid	0.209	0.212	-1.4	110	0.00
33	4-Chloroaniline	0.429	0.434	-1.2	108	0.00
34 C	Hexachlorobutadiene	0.201	0.187	7.0	103	0.00
35	Caprolactam	0.109	0.112	-2.8	108	0.00
36 C	4-Chloro-3-methylphenol	0.342	0.347	-1.5	108	0.00
37	2-Methylnaphthalene	0.650	0.642	1.2	108	0.00
38	1-Methylnaphthalene	0.695	0.675	2.9	107	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	0.568	0.541	4.8	107	0.00
41 P	Hexachlorocyclopentadiene	0.346	0.332	4.0	105	0.00
42 S	2,4,6-Tribromophenol	0.277	0.273	1.4	108	-0.01
43 C	2,4,6-Trichlorophenol	0.381	0.373	2.1	106	0.00
44	2,4,5-Trichlorophenol	0.408	0.416	-2.0	109	0.00
45 S	2-Fluorobiphenyl	1.485	1.394	6.1	107	0.00
46	1,1'-Biphenyl	1.453	1.381	5.0	106	0.00
47	2-Chloronaphthalene	1.117	1.069	4.3	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	0.343	0.351	-2.3	108	0.00
49	Acenaphthylene	1.863	1.770	5.0	106	0.00
50	Dimethylphthalate	1.475	1.400	5.1	106	0.00
51	2,6-Dinitrotoluene	0.318	0.308	3.1	105	0.00
52 C	Acenaphthene	1.067	1.029	3.6	107	0.00
53	3-Nitroaniline	0.330	0.343	-3.9	108	0.00
54 P	2,4-Dinitrophenol	0.178	0.182	-2.2	108	-0.01
55	Dibenzofuran	1.713	1.630	4.8	107	0.00
56 P	4-Nitrophenol	0.239	0.252	-5.4	108	0.00
57	2,4-Dinitrotoluene	0.445	0.443	0.4	108	0.00
58	Fluorene	1.384	1.326	4.2	108	0.00
59	2,3,4,6-Tetrachlorophenol	0.365	0.364	0.3	109	0.00
60	Diethylphthalate	1.470	1.395	5.1	107	-0.02
61	4-Chlorophenyl-phenylether	0.677	0.627	7.4	105	0.00
62	4-Nitroaniline	0.299	0.327	-9.4	112	-0.01
63	Azobenzene	1.349	1.304	3.3	107	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	-0.01
65	4,6-Dinitro-2-methylphenol	0.131	0.131	0.0	108	-0.02
66 c	n-Nitrosodiphenylamine	0.620	0.596	3.9	107	0.00
67	4-Bromophenyl-phenylether	0.226	0.216	4.4	109	0.00
68	Hexachlorobenzene	0.274	0.261	4.7	108	-0.01
69	Atrazine	0.225	0.214	4.9	106	0.00
70 C	Pentachlorophenol	0.142	0.150	-5.6	116	0.00
71	Phenanthrene	1.105	1.056	4.4	108	-0.01
72	Anthracene	1.119	1.067	4.6	107	0.00
73	Carbazole	1.038	1.005	3.2	108	0.00
74	Di-n-butylphthalate	1.285	1.195	7.0	101	-0.02
75 C	Fluoranthene	1.281	1.200	6.3	106	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzidine	0.619	0.657	-6.1	105	-0.01
78	Pyrene	1.249	1.182	5.4	104	-0.01
79 S	Terphenyl-d14	1.116	1.046	6.3	100	-0.02
80	Butylbenzylphthalate	0.572	0.544	4.9	101	-0.01
81	Benzo(a)anthracene	1.279	1.229	3.9	105	0.00
82	3,3'-Dichlorobenzidine	0.508	0.491	3.3	104	-0.02
83	Chrysene	1.212	1.154	4.8	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.820	0.772	5.9	101	-0.02
85 c	Di-n-octyl phthalate	1.445	1.351	6.5	102	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	1.459	1.436	1.6	110	-0.01
88	Benzo(b)fluoranthene	1.145	1.096	4.3	105	-0.02
89	Benzo(k)fluoranthene	1.165	1.086	6.8	106	0.00
90 C	Benzo(a)pyrene	1.118	1.057	5.5	107	0.00
91	Dibenzo(a,h)anthracene	1.188	1.170	1.5	111	-0.02
92	Benzo(g,h,i)perylene	1.179	1.158	1.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	102	0.00
2	1,4-Dioxane	40.000	39.467	1.3	107	0.00
3	Pyridine	40.000	42.594	-6.5	112	0.00
4	n-Nitrosodimethylamine	40.000	40.365	-0.9	106	0.00
5 S	2-Fluorophenol	80.000	78.447	1.9	103	0.00
6	Aniline	40.000	40.669	-1.7	106	0.00
7 S	Phenol-d6	80.000	80.773	-1.0	105	0.00
8	2-Chlorophenol	40.000	39.534	1.2	104	0.00
9	Benzaldehyde	40.000	39.075	2.3	104	0.00
10 C	Phenol	40.000	40.776	-1.9	107	0.00
11	bis(2-Chloroethyl)ether	40.000	39.832	0.4	105	0.00
12	1,3-Dichlorobenzene	40.000	37.873	5.3	102	0.00
13 C	1,4-Dichlorobenzene	40.000	38.233	4.4	103	0.00
14	1,2-Dichlorobenzene	40.000	37.460	6.3	102	0.00
15	Benzyl Alcohol	40.000	40.579	-1.4	107	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.789	3.0	105	0.00
17	2-Methylphenol	40.000	40.381	-1.0	106	0.00
18	Hexachloroethane	40.000	37.656	5.9	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.367	-0.9	106	0.00
20	3+4-Methylphenols	40.000	40.467	-1.2	107	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22	Acetophenone	40.000	38.956	2.6	107	0.00
23 S	Nitrobenzene-d5	80.000	78.737	1.6	107	0.00
24	Nitrobenzene	40.000	39.249	1.9	106	0.00
25	Isophorone	40.000	38.882	2.8	106	0.00
26 C	2-Nitrophenol	40.000	40.144	-0.4	107	0.00
27	2,4-Dimethylphenol	40.000	39.225	1.9	106	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.433	3.9	105	0.00
29 C	2,4-Dichlorophenol	40.000	39.988	0.0	108	0.00
30	1,2,4-Trichlorobenzene	40.000	37.323	6.7	105	0.00
31	Naphthalene	40.000	38.386	4.0	106	0.00
32	Benzoic acid	40.000	40.563	-1.4	110	0.00
33	4-Chloroaniline	40.000	40.422	-1.1	108	0.00
34 C	Hexachlorobutadiene	40.000	37.207	7.0	103	0.00
35	Caprolactam	40.000	41.048	-2.6	108	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.629	-1.6	108	0.00
37	2-Methylnaphthalene	40.000	39.479	1.3	108	0.00
38	1-Methylnaphthalene	40.000	38.845	2.9	107	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.146	4.6	107	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.332	4.2	105	0.00
42 S	2,4,6-Tribromophenol	80.000	78.869	1.4	108	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.103	2.2	106	0.00
44	2,4,5-Trichlorophenol	40.000	40.784	-2.0	109	0.00
45 S	2-Fluorobiphenyl	80.000	75.092	6.1	107	0.00
46	1,1'-Biphenyl	40.000	38.014	5.0	106	0.00
47	2-Chloronaphthalene	40.000	38.278	4.3	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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	40.825	-2.1	108	0.00
49	Acenaphthylene	40.000	38.013	5.0	106	0.00
50	Dimethylphthalate	40.000	37.961	5.1	106	0.00
51	2,6-Dinitrotoluene	40.000	38.784	3.0	105	0.00
52 C	Acenaphthene	40.000	38.548	3.6	107	0.00
53	3-Nitroaniline	40.000	41.514	-3.8	108	0.00
54 P	2,4-Dinitrophenol	40.000	38.223	4.4	108	-0.01
55	Dibenzofuran	40.000	38.059	4.9	107	0.00
56 P	4-Nitrophenol	40.000	39.074	2.3	108	0.00
57	2,4-Dinitrotoluene	40.000	39.866	0.3	108	0.00
58	Fluorene	40.000	38.310	4.2	108	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.904	0.2	109	0.00
60	Diethylphthalate	40.000	37.963	5.1	107	-0.02
61	4-Chlorophenyl-phenylether	40.000	37.065	7.3	105	0.00
62	4-Nitroaniline	40.000	43.719	-9.3	112	-0.01
63	Azobenzene	40.000	38.692	3.3	107	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	39.815	0.5	108	-0.02
66 c	n-Nitrosodiphenylamine	40.000	38.436	3.9	107	0.00
67	4-Bromophenyl-phenylether	40.000	38.242	4.4	109	0.00
68	Hexachlorobenzene	40.000	38.199	4.5	108	-0.01
69	Atrazine	40.000	38.113	4.7	106	0.00
70 C	Pentachlorophenol	40.000	42.241	-5.6	116	0.00
71	Phenanthrene	40.000	38.207	4.5	108	-0.01
72	Anthracene	40.000	38.143	4.6	107	0.00
73	Carbazole	40.000	38.742	3.1	108	0.00
74	Di-n-butylphthalate	40.000	37.195	7.0	101	-0.02
75 C	Fluoranthene	40.000	37.471	6.3	106	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzidine	40.000	42.452	-6.1	105	-0.01
78	Pyrene	40.000	37.827	5.4	104	-0.01
79 S	Terphenyl-d14	80.000	74.981	6.3	100	-0.02
80	Butylbenzylphthalate	40.000	38.030	4.9	101	-0.01
81	Benzo(a)anthracene	40.000	38.417	4.0	105	0.00
82	3,3'-Dichlorobenzidine	40.000	38.683	3.3	104	-0.02
83	Chrysene	40.000	38.101	4.7	105	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.636	5.9	101	-0.02
85 c	Di-n-octyl phthalate	40.000	37.383	6.5	102	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.367	1.6	110	-0.01
88	Benzo(b)fluoranthene	40.000	38.301	4.2	105	-0.02
89	Benzo(k)fluoranthene	40.000	37.286	6.8	106	0.00
90 C	Benzo(a)pyrene	40.000	37.841	5.4	107	0.00
91	Dibenzo(a,h)anthracene	40.000	39.385	1.5	111	-0.02
92	Benzo(g,h,i)perylene	40.000	39.310	1.7	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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



QC SAMPLE DATA

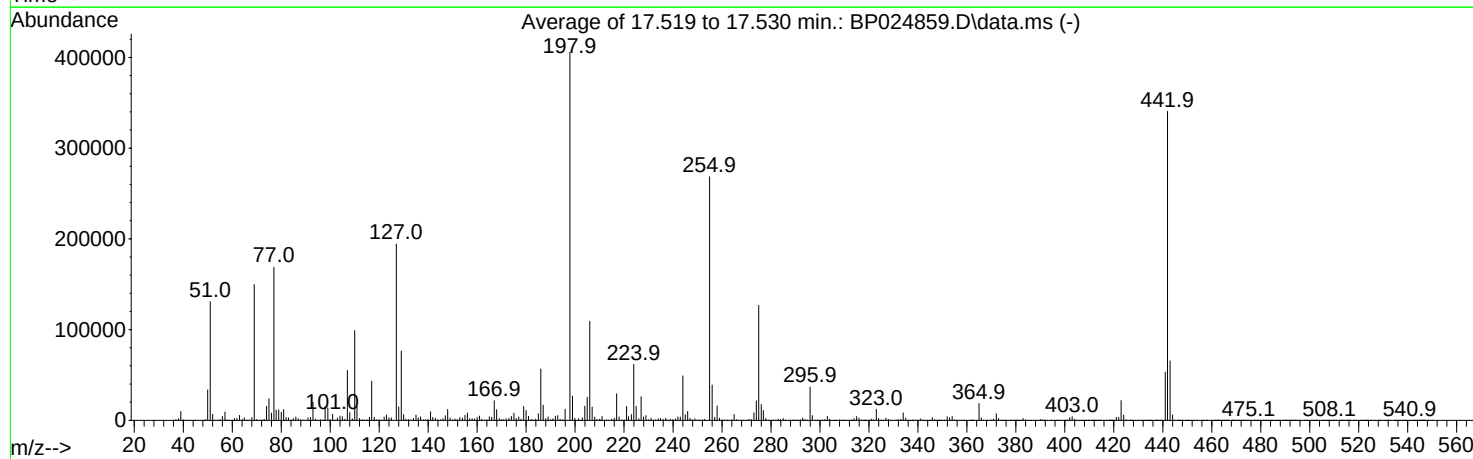
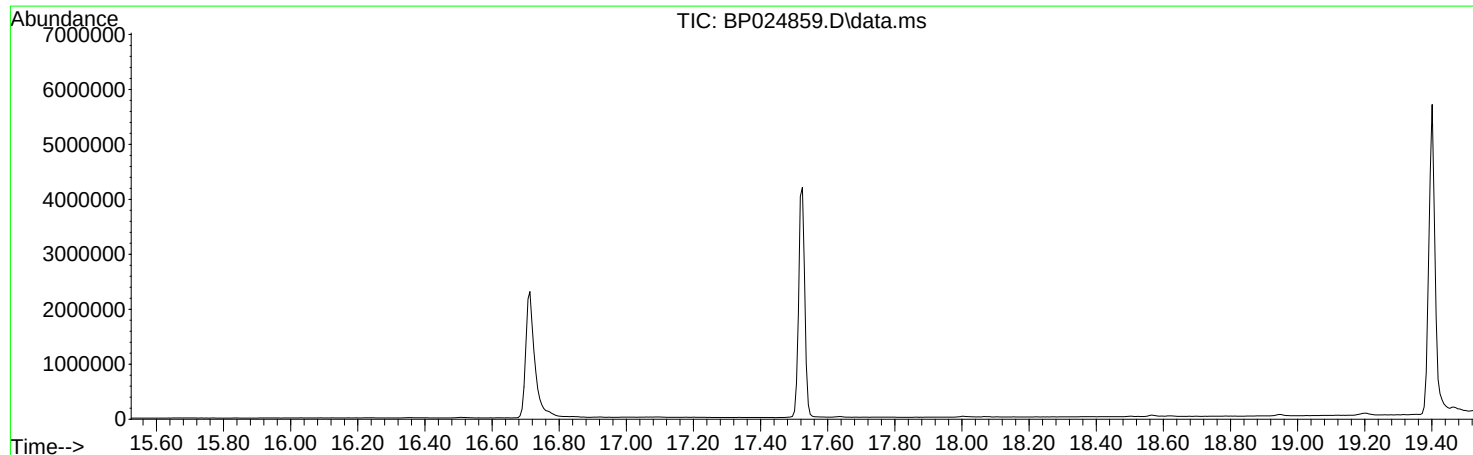
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- 2
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025



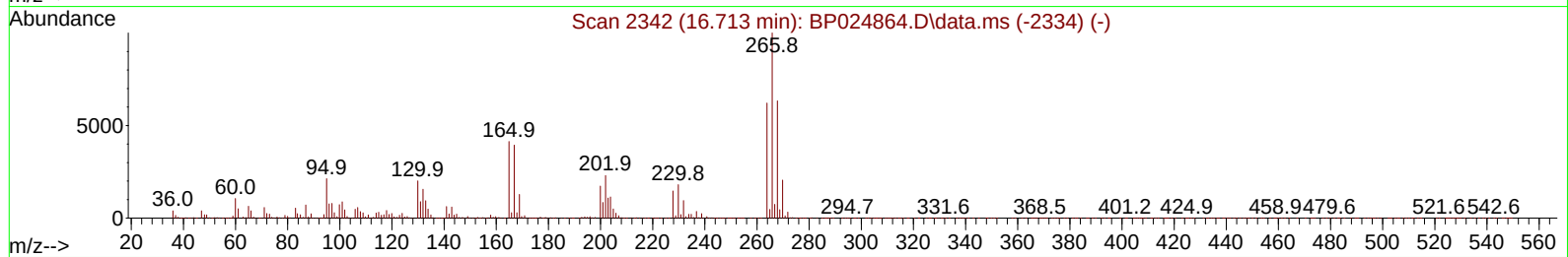
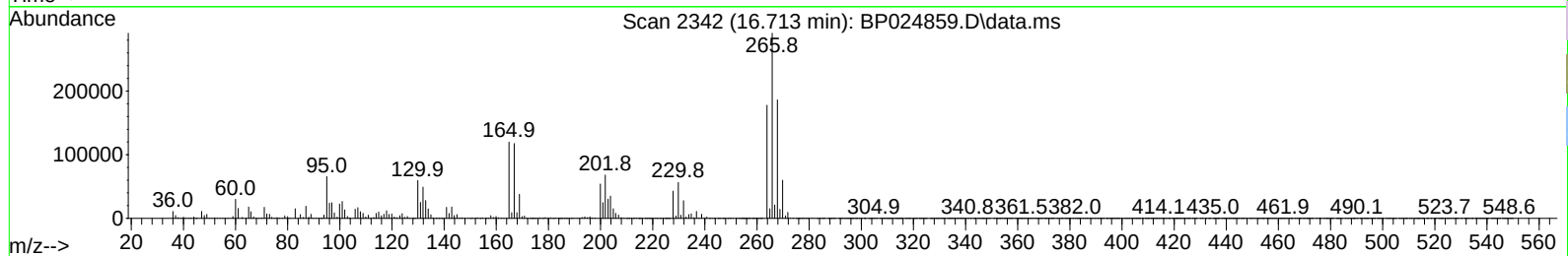
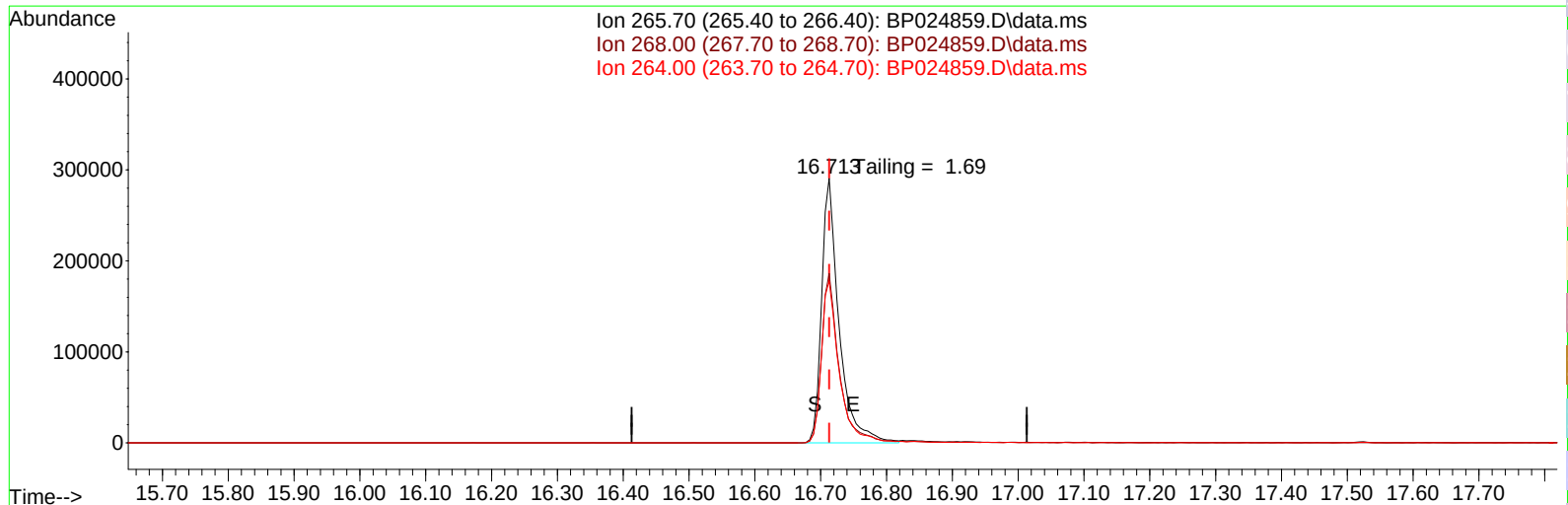
AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2471

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.2	130762	PASS
68	69	0.00	2	1.9	2882	PASS
69	198	0.00	100	36.9	149759	PASS
70	69	0.00	2	0.6	956	PASS
127	198	10	80	47.9	194356	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	405520	PASS
199	198	5	9	6.6	26790	PASS
275	198	10	60	31.2	126715	PASS
365	198	1	100	4.6	18586	PASS
441	198	0.01	100	13.1	53196	PASS
442	442	100	100	100.0	340484	PASS
443	442	15	24	19.2	65481	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 06 16:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024859.D\data.ms

(70) Pentachlorophenol (C)

16.713min (-0.000) 25022.31 ng

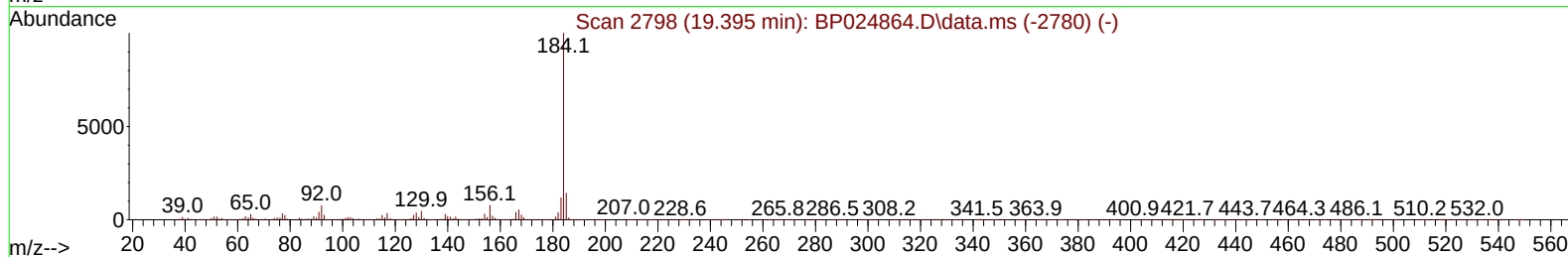
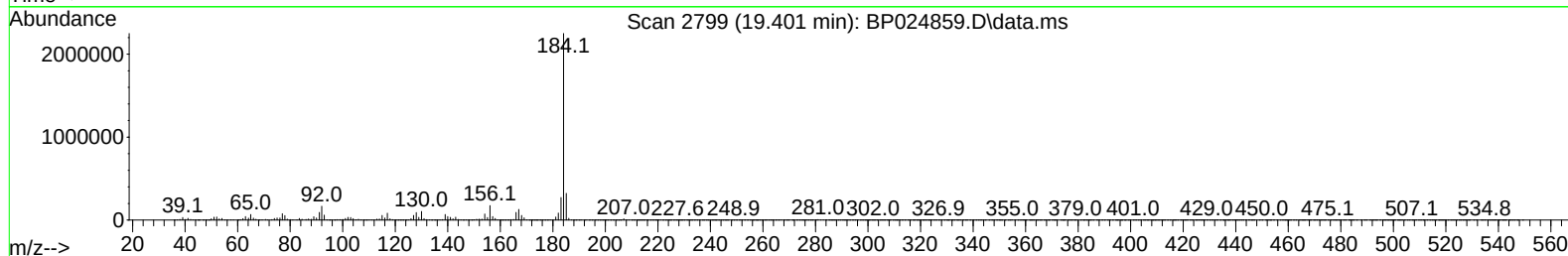
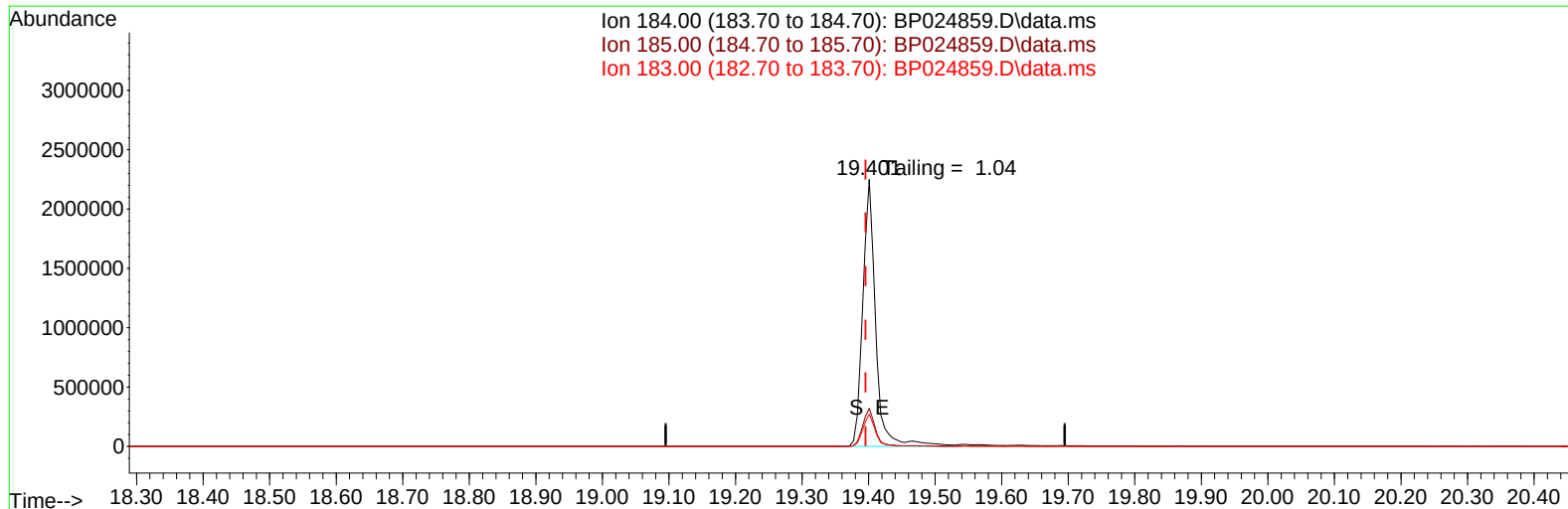
response 535499

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	63.99
264.00	62.10	61.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 06 16:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024859.D\data.ms

(77) Benzidine

19.401min (+ 0.006) 4191.40 ng

response 2912892

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.27
183.00	11.90	12.06
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

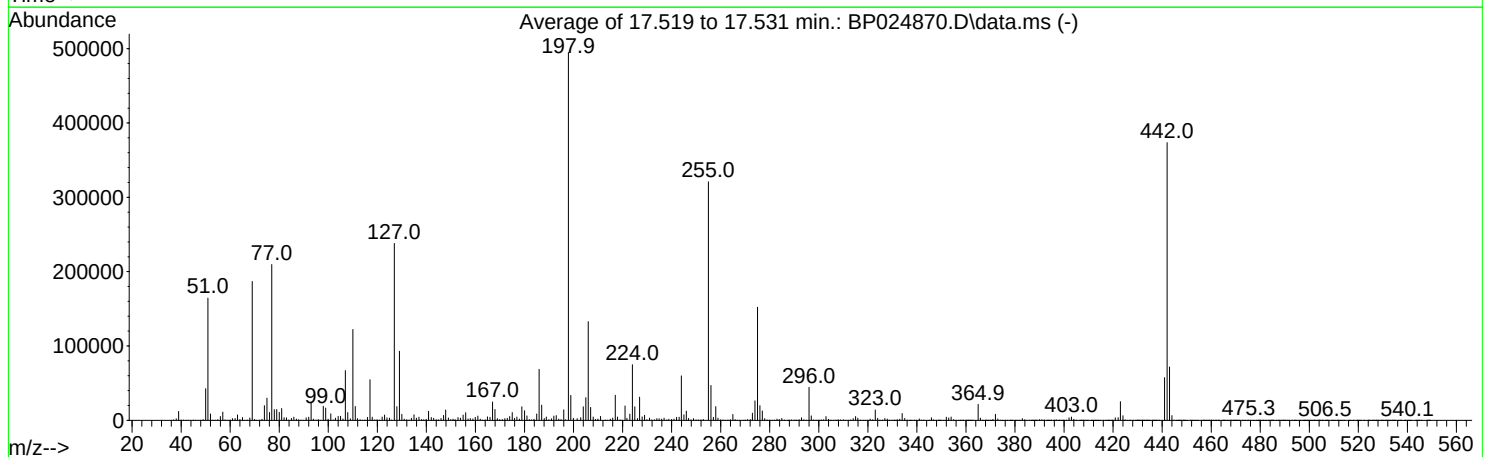
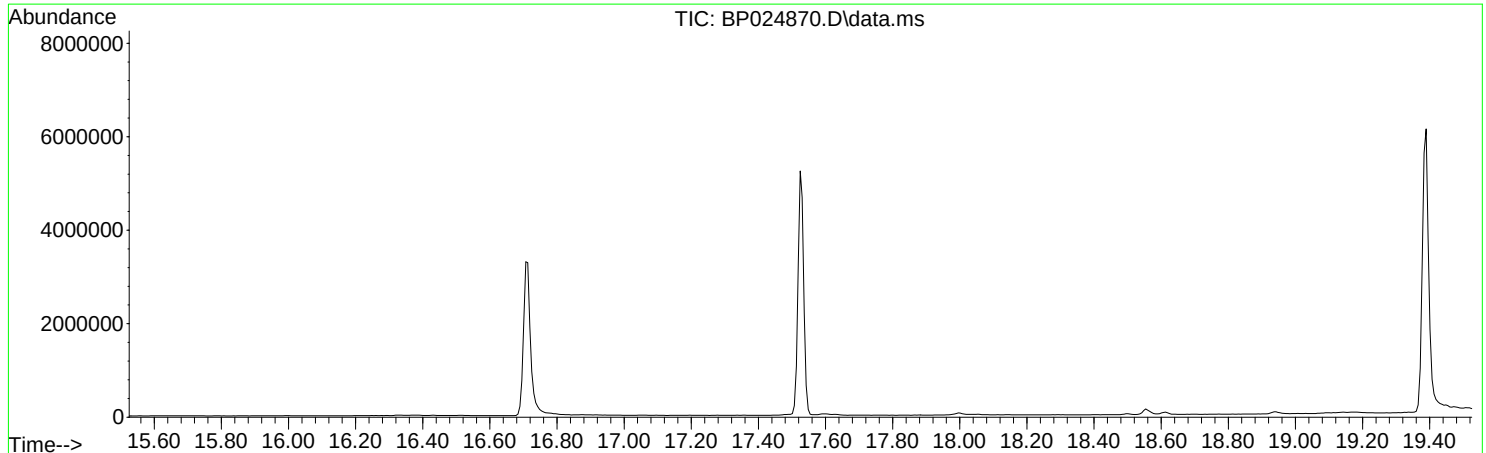
Date	Instrument Name	DFTPP Data File
6/6/2025	BNA_P	<u>BP024859.D</u>
Compound Name	Response	Retention Time
DDT	1572545	20.677
DDD	21912	20.26
DDE	1833	19.695
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23745	1596290	1.49

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024870.D
Acq On : 09 Jun 2025 10:03
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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025



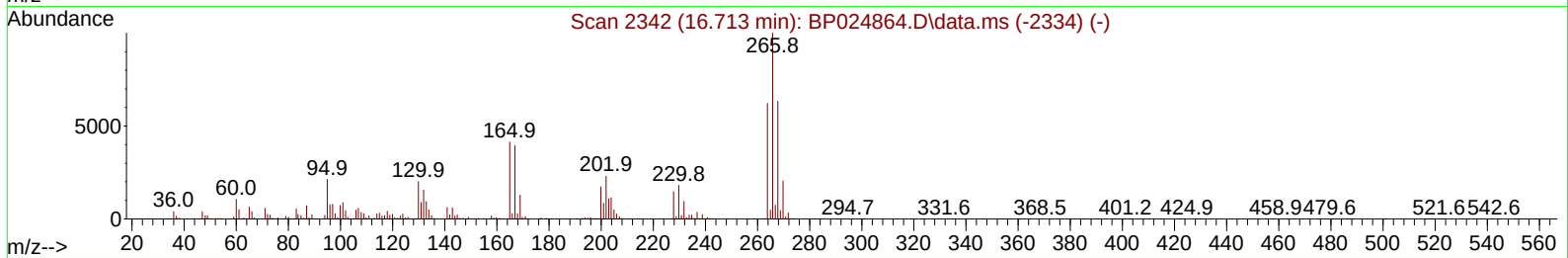
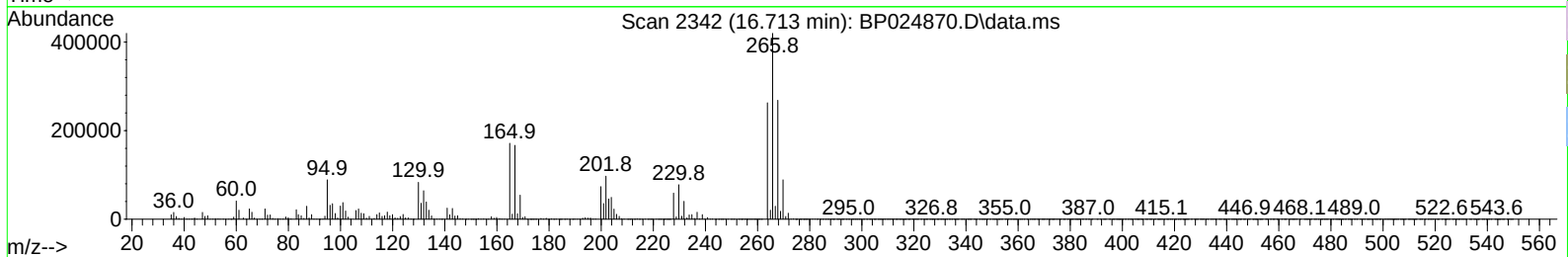
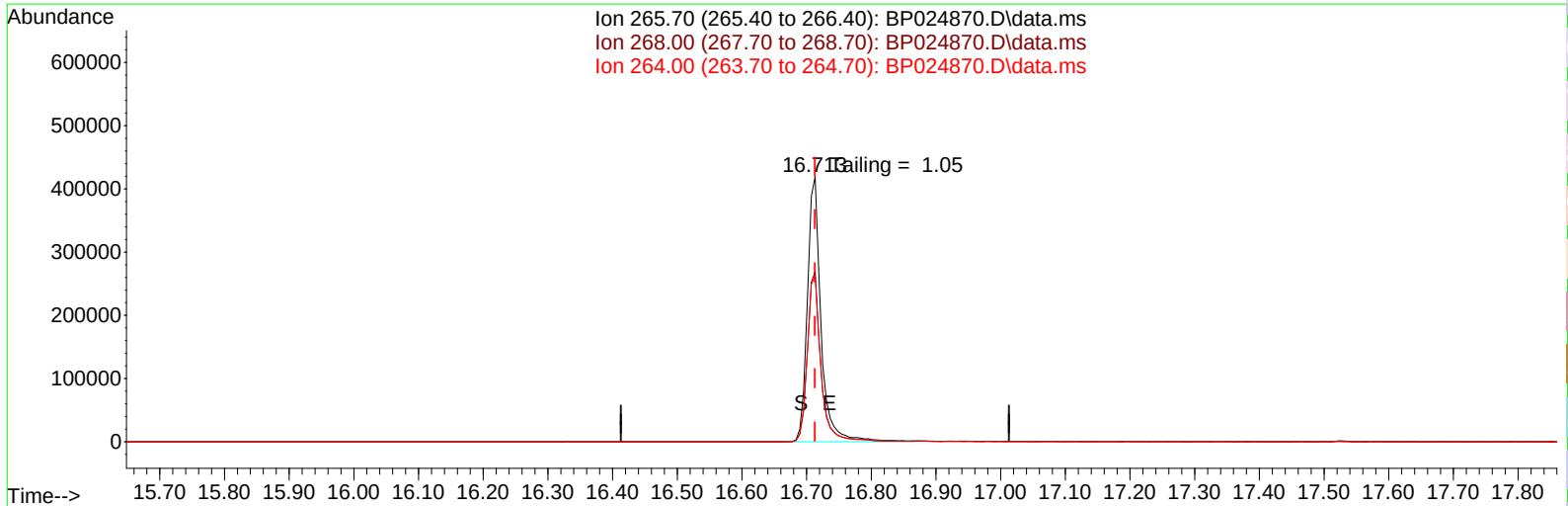
AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2469

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.2	164298	PASS
68	69	0.00	2	1.7	3127	PASS
69	198	0.00	100	37.7	186800	PASS
70	69	0.00	2	0.6	1208	PASS
127	198	10	80	48.1	237925	PASS
197	198	0.00	2	0.1	705	PASS
198	198	100	100	100.0	494936	PASS
199	198	5	9	6.8	33502	PASS
275	198	10	60	30.7	152082	PASS
365	198	1	100	4.3	21354	PASS
441	198	0.01	100	11.6	57460	PASS
442	442	100	100	100.0	373547	PASS
443	442	15	24	19.2	71751	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024870.D
Acq On : 09 Jun 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 09 10:53:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024870.D\data.ms

(70) Pentachlorophenol (C)

16.713min (-0.000) 92926.84 ng

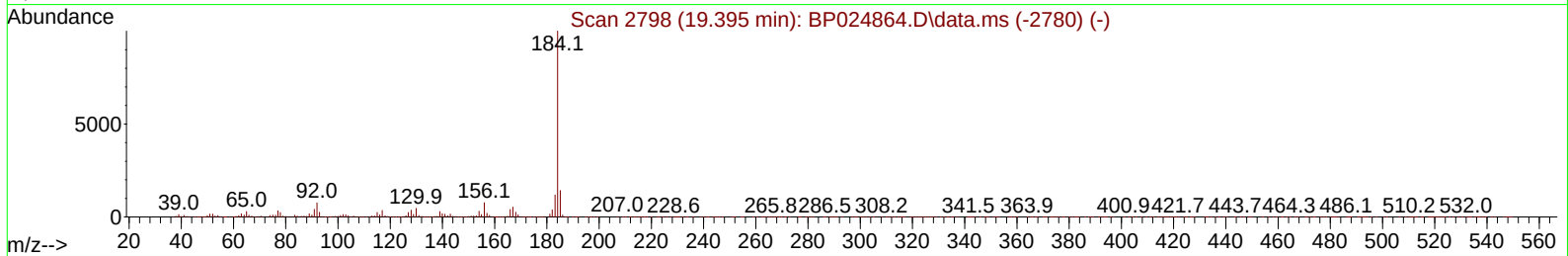
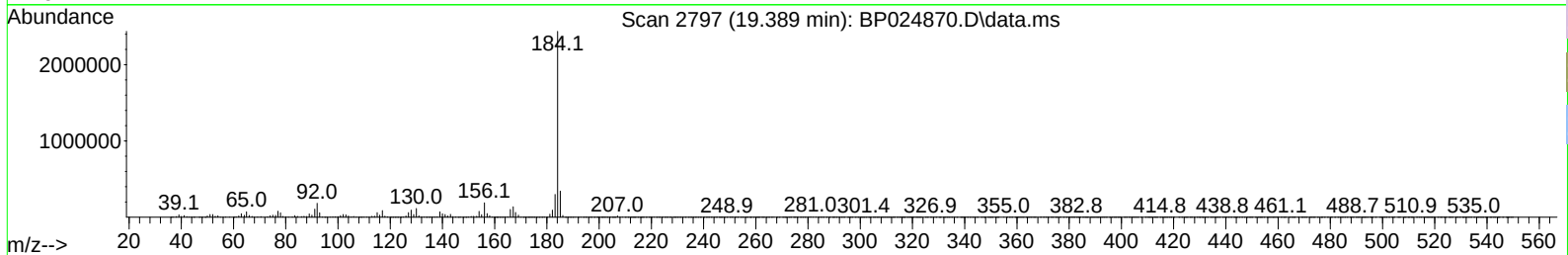
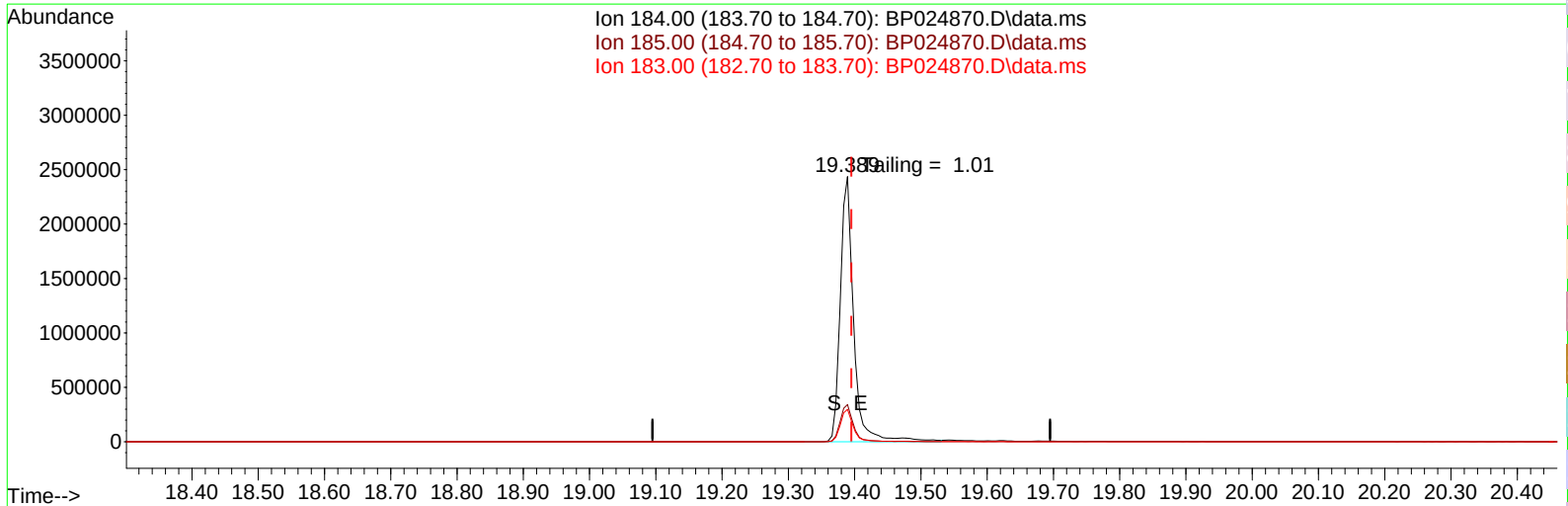
response 615758

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	64.02
264.00	62.10	62.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024870.D
Acq On : 09 Jun 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 09 10:53:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024870.D\data.ms

(77) Benzidine

19.389min (-0.006) 1294.06 ng

response 3322112

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.01
183.00	11.90	12.23
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/9/2025	BNA_P	<u>BP024870.D</u>
Compound Name	Response	Retention Time
DDT	1823097	20.672
DDD	22597	20.26
DDE	2048	19.689
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
24645	1847742	1.33

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2230
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.2		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		52 - 132	84%	SPK: 100
1718-51-0	Terphenyl-d14	90.1		42 - 152	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	279000	7.608			
1146-65-2	Naphthalene-d8	1080000	10.378			
15067-26-2	Acenaphthene-d10	656000	14.248			
1517-22-2	Phenanthrene-d10	1270000	17.066			
1719-03-5	Chrysene-d12	1280000	21.489			
1520-96-3	Perylene-d12	1470000	24.73			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2230
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	278652	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1083873	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	655689	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1268484	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1277128	20.000	ng	0.00
86) Perylene-d12	24.730	264	1472674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2436717	145.966	ng	0.00
7) Phenol-d6	6.814	99	3036491	137.475	ng	0.00
23) Nitrobenzene-d5	8.760	82	1900527	85.206	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1295397	142.897	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4102972	84.296	ng	0.00
79) Terphenyl-d14	19.795	244	6423595	90.145	ng	0.00

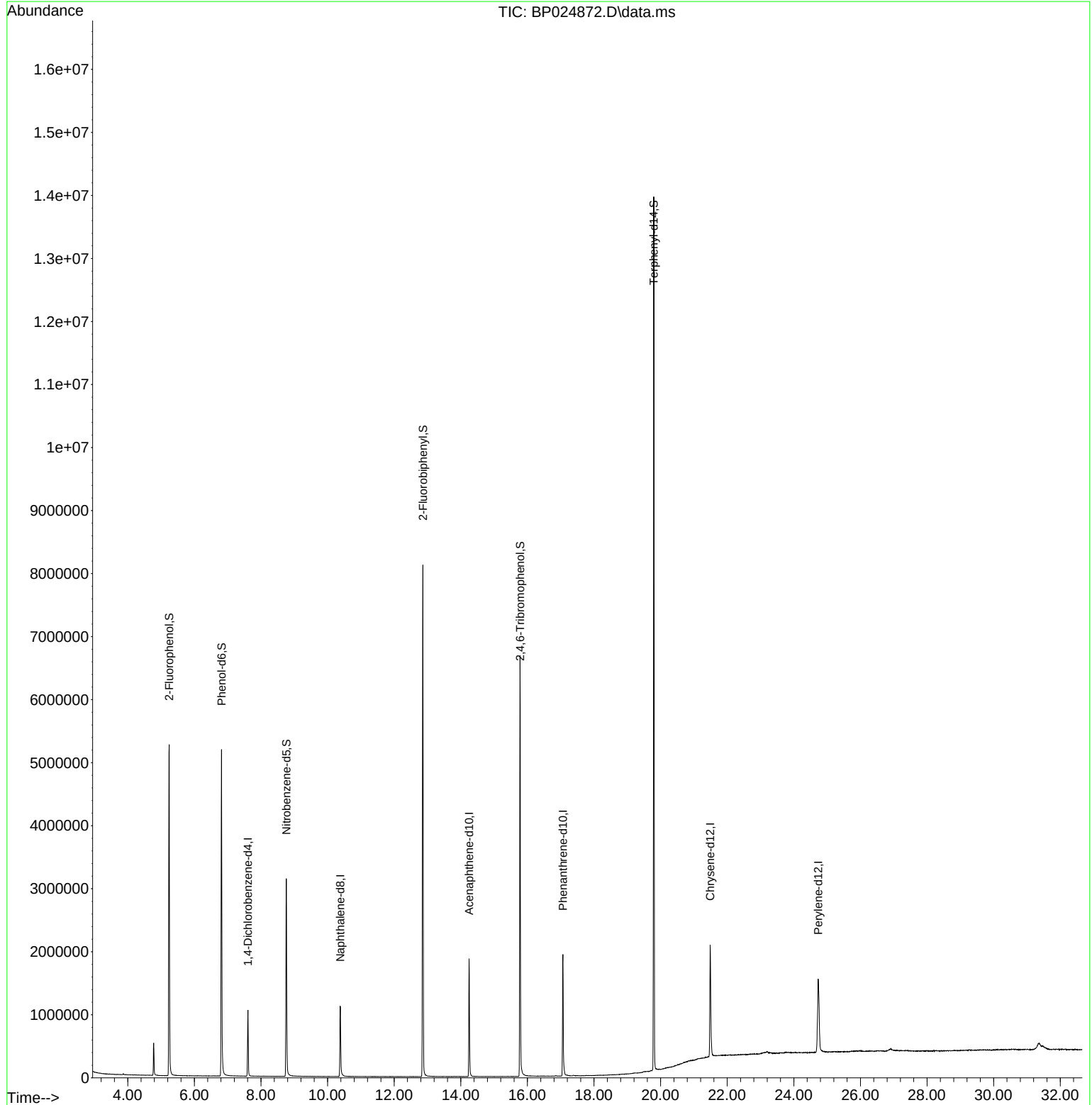
Target Compounds	Qvalue

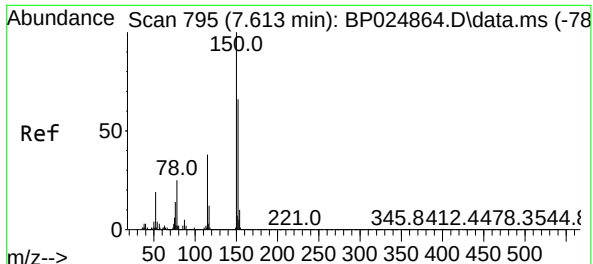
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

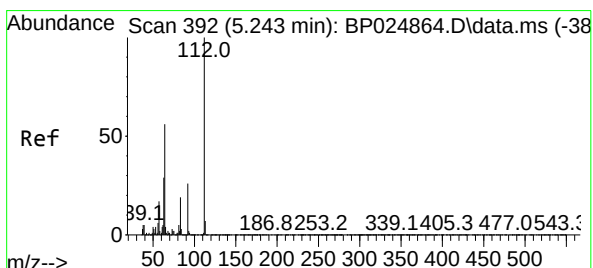
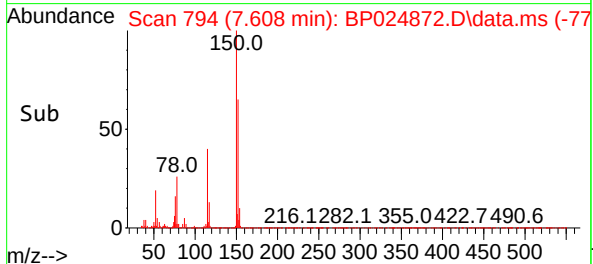
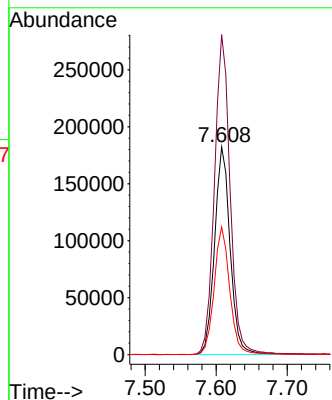
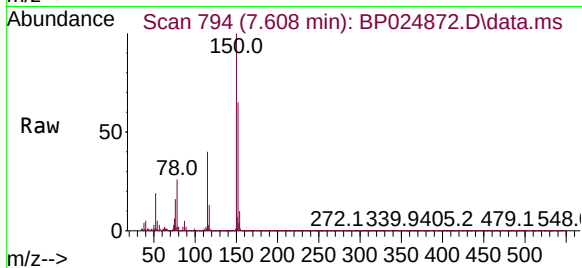




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

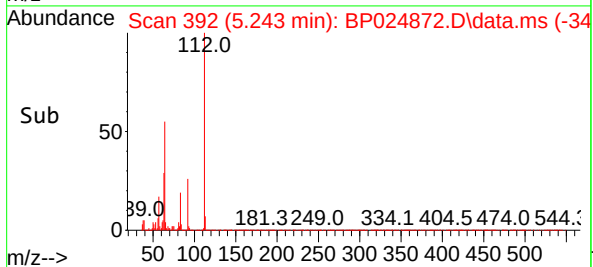
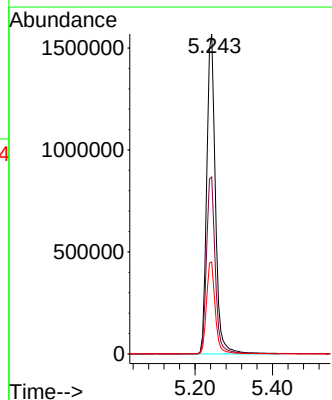
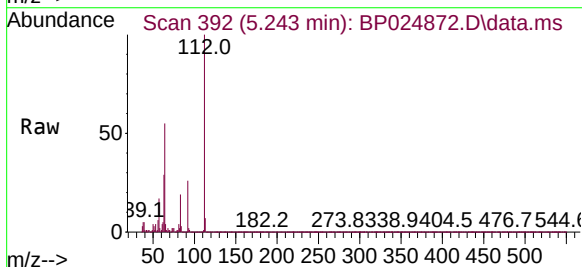
Instrument :
BNA_P
ClientSampleId :
PB168323BL

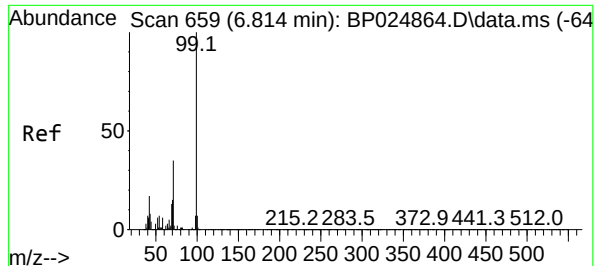
Tgt Ion:152 Resp: 278652
Ion Ratio Lower Upper
152 100
150 154.2 122.1 183.1
115 61.5 46.4 69.6



#5
2-Fluorophenol
Concen: 145.966 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:112 Resp: 2436717
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 28.7 23.5 35.3

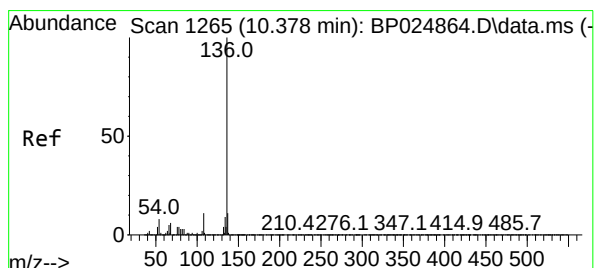
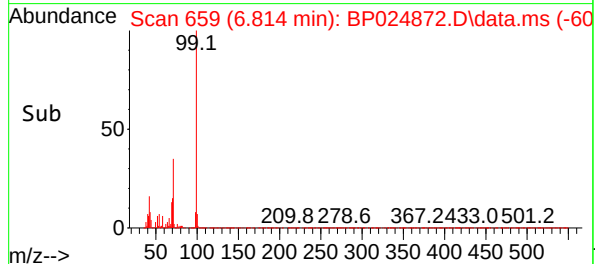
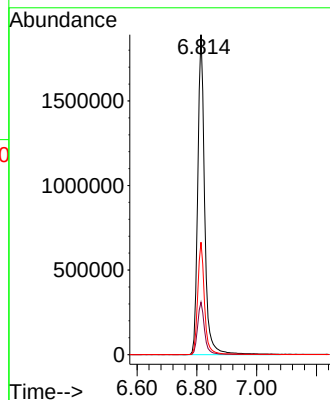
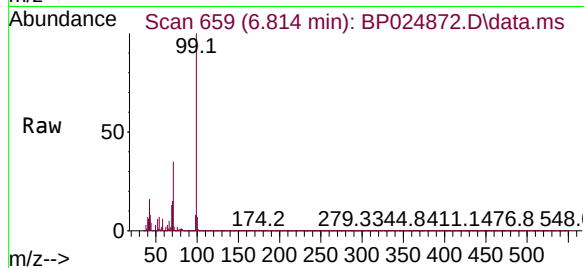




#7
Phenol-d6
Concen: 137.475 ng
RT: 6.814 min Scan# 659
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

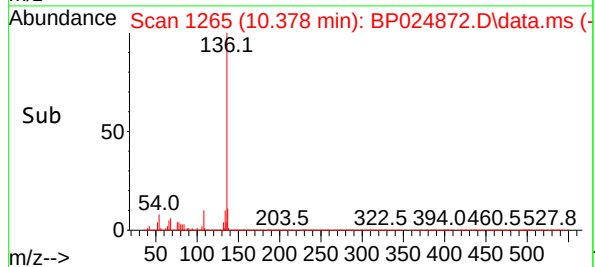
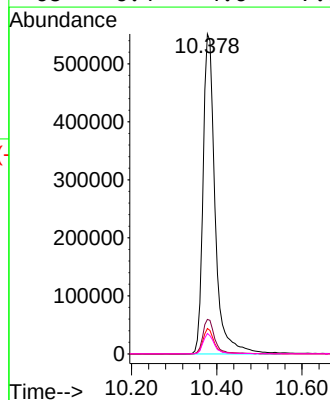
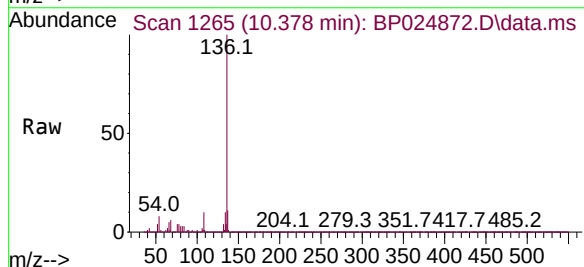
Instrument :
BNA_P
ClientSampleId :
PB168323BL

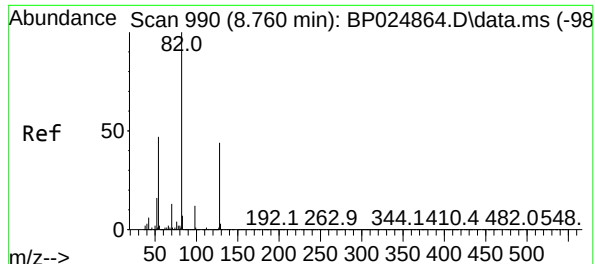
Tgt Ion: 99 Resp: 3036491
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 35.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion: 136 Resp: 1083873
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.1 9.1
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.206 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

Instrument :

BNA_P

ClientSampleId :

PB168323BL

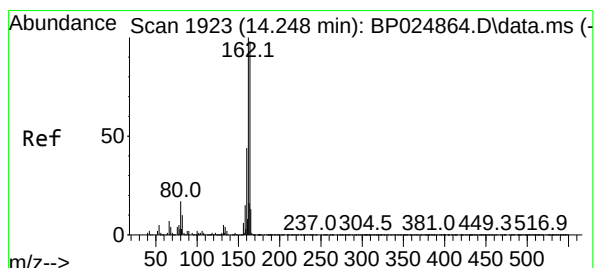
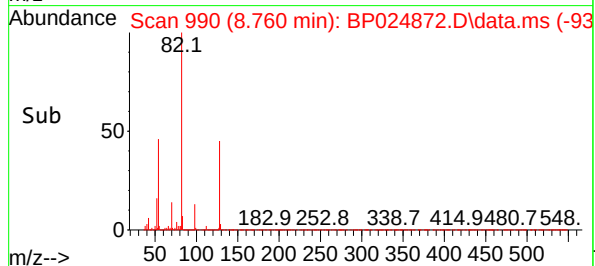
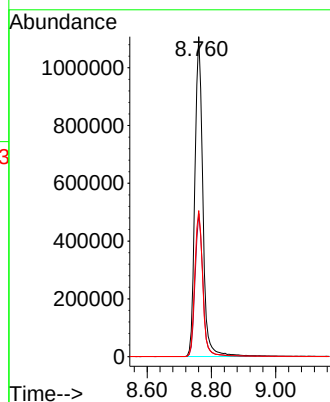
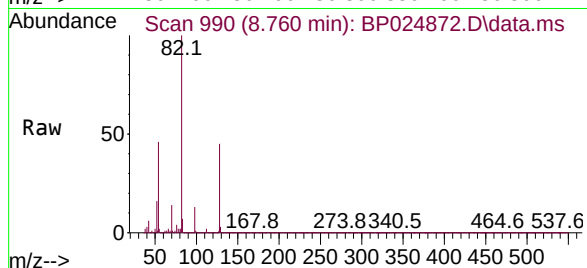
Tgt Ion: 82 Resp: 1900527

Ion Ratio Lower Upper

82 100

128 44.7 35.3 52.9

54 45.6 37.4 56.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

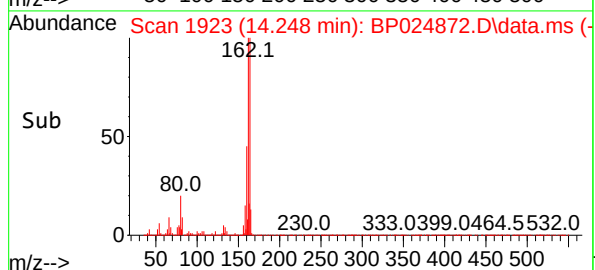
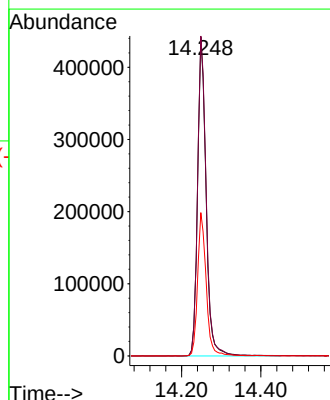
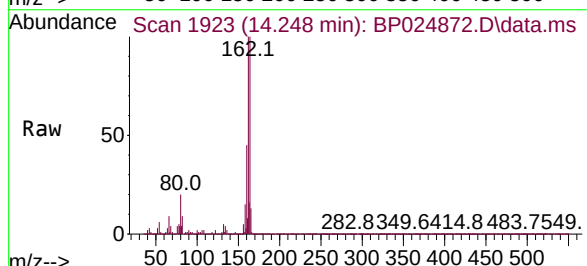
Tgt Ion: 164 Resp: 655689

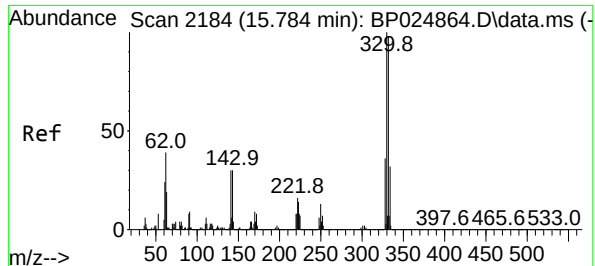
Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

160 44.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 142.897 ng

RT: 15.784 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

Instrument :

BNA_P

ClientSampleId :

PB168323BL

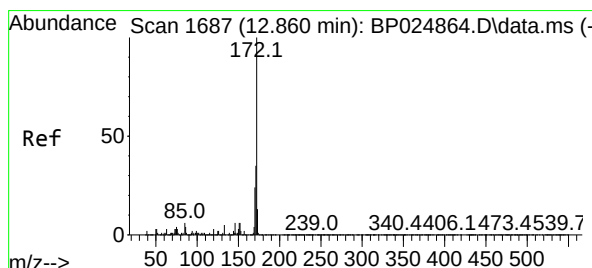
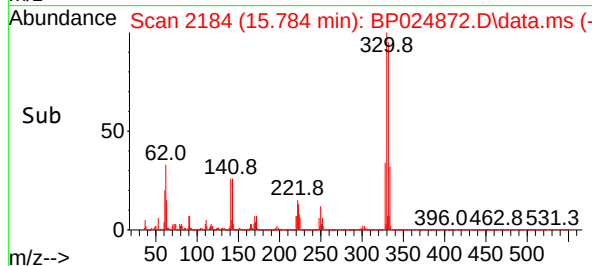
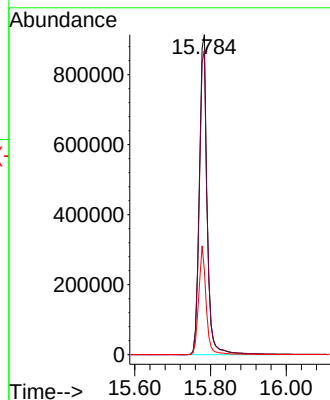
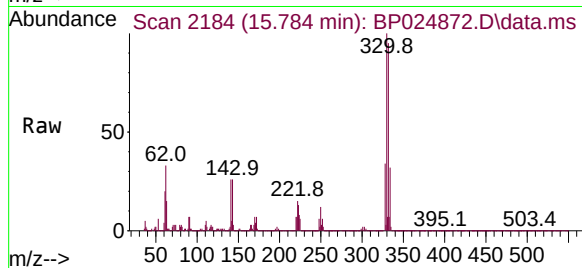
Tgt Ion:330 Resp: 1295397

Ion Ratio Lower Upper

330 100

332 95.2 77.7 116.5

141 32.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 84.296 ng

RT: 12.860 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

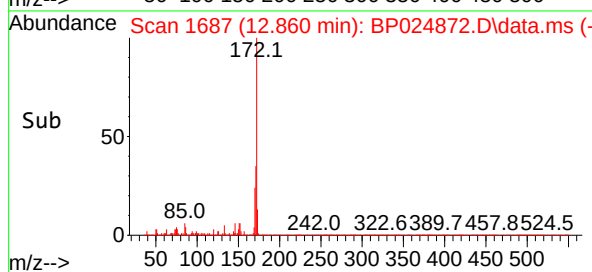
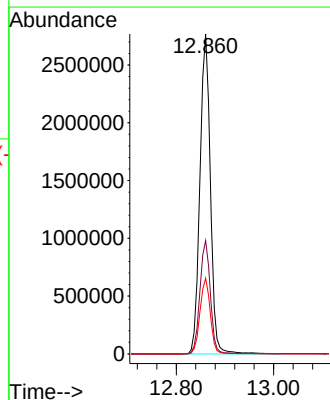
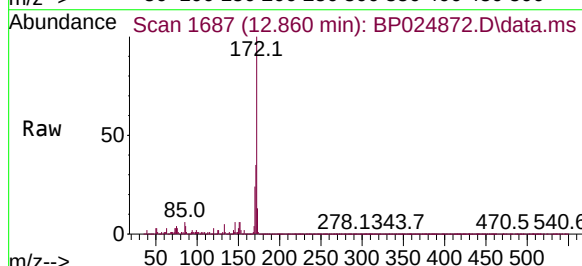
Tgt Ion:172 Resp: 4102972

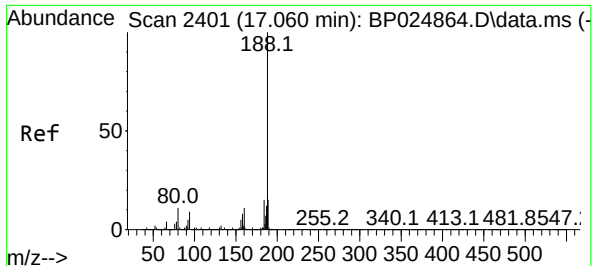
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.4

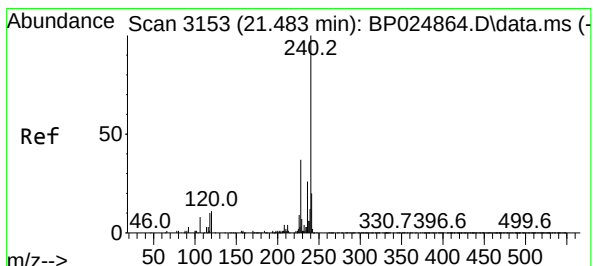
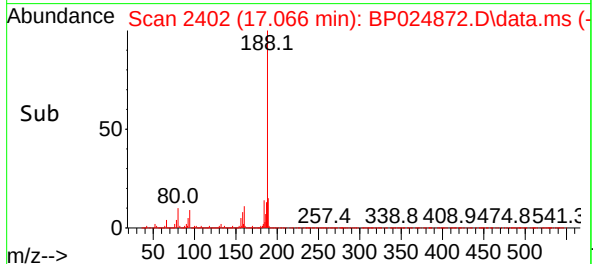
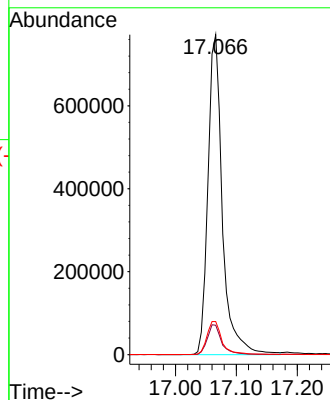
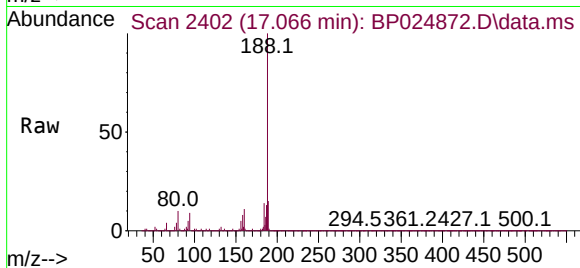




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

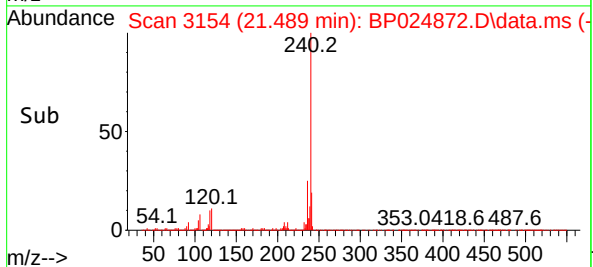
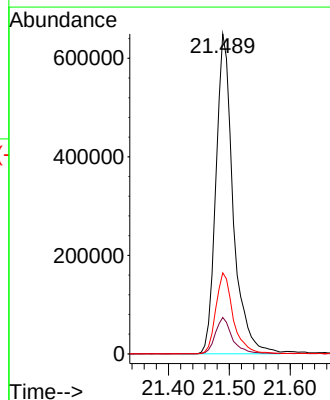
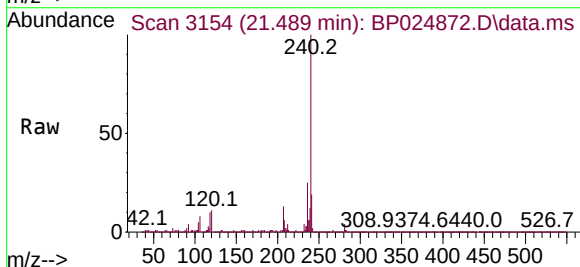
Instrument :
BNA_P
ClientSampleId :
PB168323BL

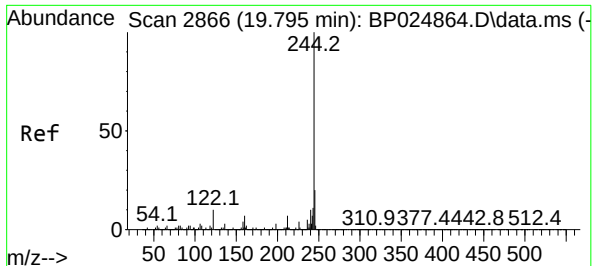
Tgt Ion:188 Resp: 1268484
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:240 Resp: 1277128
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.3 20.9 31.3

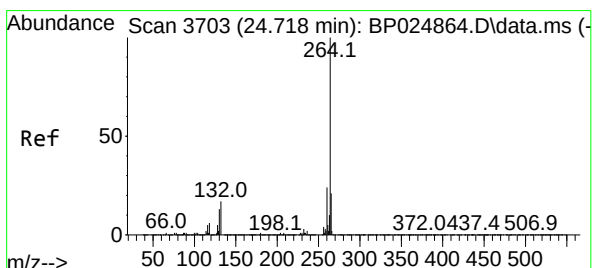
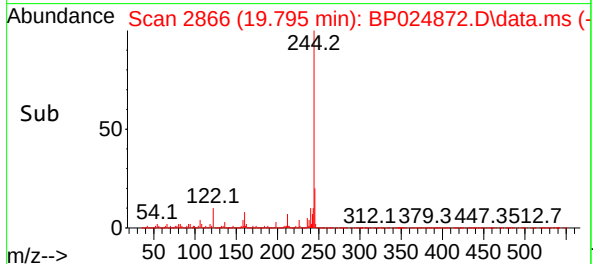
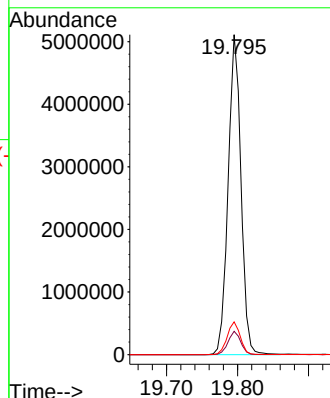
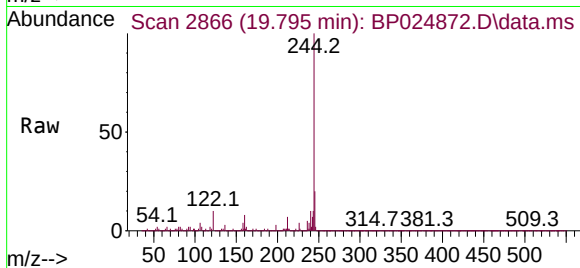




#79
 Terphenyl-d14
 Concen: 90.145 ng
 RT: 19.795 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BP024872.D
 Acq: 09 Jun 2025 11:24

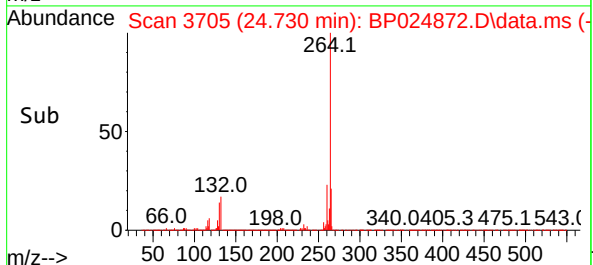
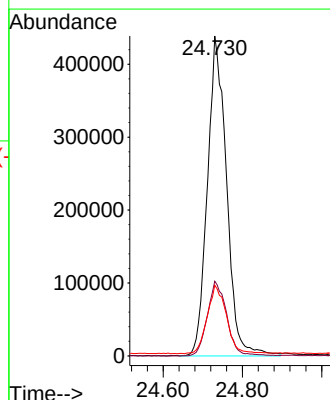
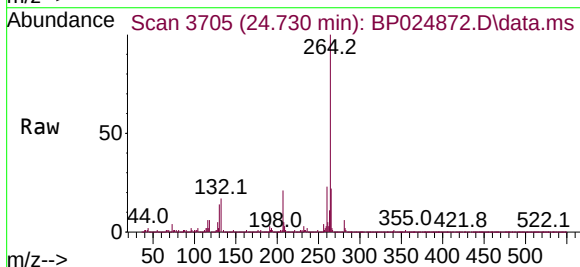
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BL

Tgt Ion:244 Resp: 6423595
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3705
 Delta R.T. 0.012 min
 Lab File: BP024872.D
 Acq: 09 Jun 2025 11:24

Tgt Ion:264 Resp: 1472674
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.1 17.4 26.0



Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2230
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
208-96-8	Acenaphthylene	45.5		0.75	5.00	ug/L
83-32-9	Acenaphthene	45.2		0.55	5.00	ug/L
86-73-7	Fluorene	44.7		0.63	5.00	ug/L
85-01-8	Phenanthrene	45.8		0.50	5.00	ug/L
120-12-7	Anthracene	46.0		0.61	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
129-00-0	Pyrene	46.2		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	46.6		0.45	5.00	ug/L
218-01-9	Chrysene	46.4		0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	47.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	79.4		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.9		52 - 132	78%	SPK: 100
1718-51-0	Terphenyl-d14	79.2		42 - 152	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000		7.608		
1146-65-2	Naphthalene-d8	1020000		10.378		
15067-26-2	Acenaphthene-d10	628000		14.248		
1517-22-2	Phenanthrene-d10	1190000		17.06		
1719-03-5	Chrysene-d12	1270000		21.483		
1520-96-3	Perylene-d12	1550000		24.724		

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2230
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
 Data File : BP024873.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Quant Time: Jun 09 12:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	251786	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1016039	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	628283	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1189376	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1268867	20.000	ng	0.00
86) Perylene-d12	24.724	264	1547954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2150315	142.554	ng	0.00
7) Phenol-d6	6.819	99	2717026	136.137	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661117	79.445	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1140597	131.309	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3633814	77.914	ng	0.00
79) Terphenyl-d14	19.777	244	5609281	79.230	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	239942	36.151	ng	97
3) Pyridine	3.567	79	632702	39.638	ng	99
4) n-Nitrosodimethylamine	3.478	42	294319	45.102	ng	100
6) Aniline	6.955	93	816918	32.074	ng	100
8) 2-Chlorophenol	7.190	128	832660	48.694	ng	98
9) Benzaldehyde	6.766	77	414614	36.042	ng	98
10) Phenol	6.843	94	1008585	49.021	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	726397	44.889	ng	97
12) 1,3-Dichlorobenzene	7.502	146	833695	43.703	ng	99
13) 1,4-Dichlorobenzene	7.649	146	840877	43.687	ng	99
14) 1,2-Dichlorobenzene	7.955	146	821435	43.460	ng	99
15) Benzyl Alcohol	7.860	79	691313	45.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	912010	43.060	ng	100
17) 2-Methylphenol	8.072	107	681305	47.420	ng	99
18) Hexachloroethane	8.666	117	317537	43.819	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	568500	41.901	ng	99
20) 3+4-Methylphenols	8.396	107	915040	46.681	ng	96
22) Acetophenone	8.431	105	1160850	45.221	ng	98
24) Nitrobenzene	8.802	77	859288	46.259	ng	100
25) Isophorone	9.325	82	1564267	43.167	ng	100
26) 2-Nitrophenol	9.507	139	433908	47.343	ng	100
27) 2,4-Dimethylphenol	9.578	122	754390	48.094	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	977653	45.227	ng	99
29) 2,4-Dichlorophenol	10.054	162	741425	49.263	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	756797	44.582	ng	100
31) Naphthalene	10.431	128	2358732	45.301	ng	99
32) Benzoic acid	9.766	122	501882	47.349	ng	99
33) 4-Chloroaniline	10.554	127	443141	20.314	ng	99
34) Hexachlorobutadiene	10.707	225	459112	44.873	ng	99
35) Caprolactam	11.349	113	252952	45.658	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	820968	47.292	ng	100
37) 2-Methylnaphthalene	12.048	142	1487861	45.048	ng	99
38) 1-Methylnaphthalene	12.266	142	1560851	44.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	822077	46.112	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1097762	100.954	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	577250	48.214	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024873.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Quant Time: Jun 09 12:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

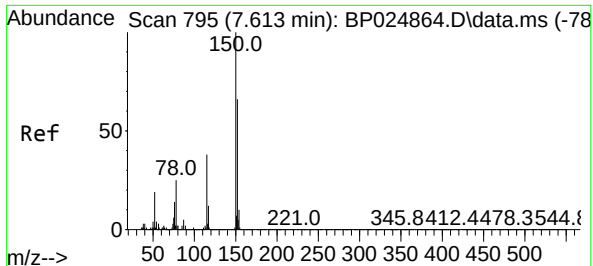
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	635990	49.602	ng	98
46) 1,1'-Biphenyl	13.066	154	2093200	45.844	ng	100
47) 2-Chloronaphthalene	13.107	162	1620819	46.187	ng	99
48) 2-Nitroaniline	13.331	65	521042	48.295	ng	99
49) Acenaphthylene	13.972	152	2661012	45.478	ng	100
50) Dimethylphthalate	13.707	163	2077480	44.824	ng	100
51) 2,6-Dinitrotoluene	13.837	165	461134	46.153	ng	100
52) Acenaphthene	14.313	154	1516438	45.227	ng	99
53) 3-Nitroaniline	14.178	138	268082	25.855	ng	92
54) 2,4-Dinitrophenol	14.390	184	594890	90.641	ng	98
55) Dibenzofuran	14.654	168	2381540	44.250	ng	97
56) 4-Nitrophenol	14.531	139	809101	91.350	ng	97
57) 2,4-Dinitrotoluene	14.637	165	656655	46.983	ng	97
58) Fluorene	15.319	166	1942620	44.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	537424	46.912	ng	100
60) Diethylphthalate	15.101	149	2045901	44.293	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	938236	44.135	ng	99
62) 4-Nitroaniline	15.360	138	424134	45.113	ng	98
63) Azobenzene	15.607	77	1915956	45.227	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	378653	48.450	ng	94
66) n-Nitrosodiphenylamine	15.542	169	1726506	46.833	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	614107	45.760	ng	98
68) Hexachlorobenzene	16.342	284	742281	45.626	ng	100
69) Atrazine	16.525	200	624545	46.732	ng	99
70) Pentachlorophenol	16.713	266	905521	107.544	ng	99
71) Phenanthrene	17.107	178	3008256	45.769	ng	99
72) Anthracene	17.195	178	3062015	46.000	ng	100
73) Carbazole	17.489	167	2922226	47.362	ng	99
74) Di-n-butylphthalate	18.072	149	3522628	46.080	ng	100
75) Fluoranthene	19.189	202	3495628	45.886	ng	100
77) Benzidine	19.389	184	1601949	40.763	ng	100
78) Pyrene	19.566	202	3666214	46.249	ng	100
80) Butylbenzylphthalate	20.513	149	1686399	46.444	ng	98
81) Benzo(a)anthracene	21.472	228	3780920	46.589	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	850267	26.391	ng	97
83) Chrysene	21.530	228	3570095	46.428	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2473280	47.541	ng	99
85) Di-n-octyl phthalate	22.642	149	4412263	48.117	ng	100
87) Indeno(1,2,3-cd)pyrene	28.389	276	5348458	47.356	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	4190360	47.301	ng	100
89) Benzo(k)fluoranthene	23.771	252	4281583	47.480	ng	100
90) Benzo(a)pyrene	24.577	252	4126678	47.699	ng	100
91) Dibenzo(a,h)anthracene	28.465	278	4377382	47.615	ng	99
92) Benzo(g,h,i)perylene	29.553	276	4343110	47.614	ng	99

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

Instrument :
BNA_P
ClientSampleId :
PB168323BS

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

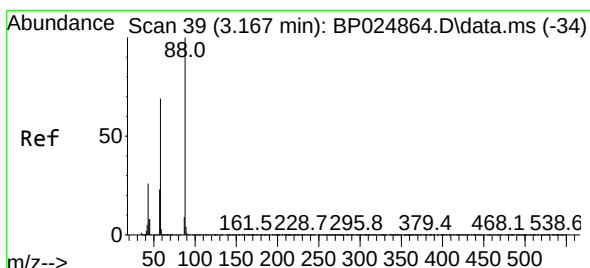
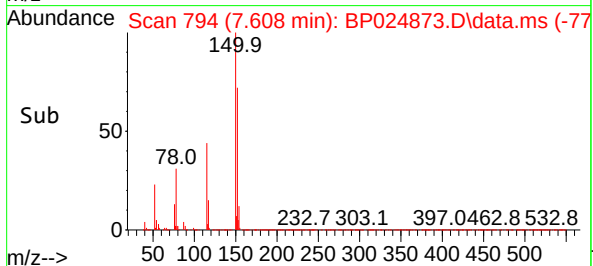
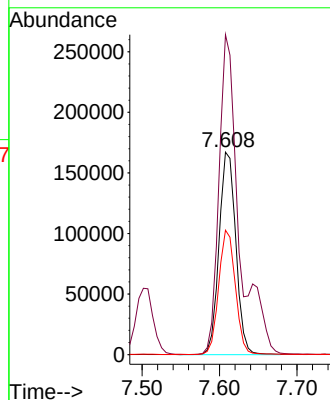
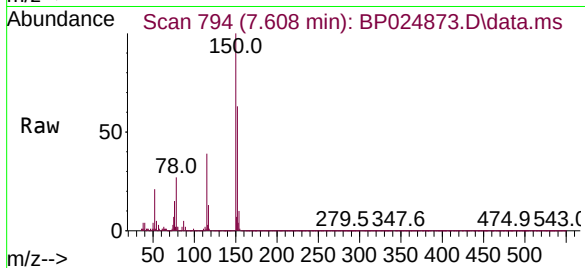




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

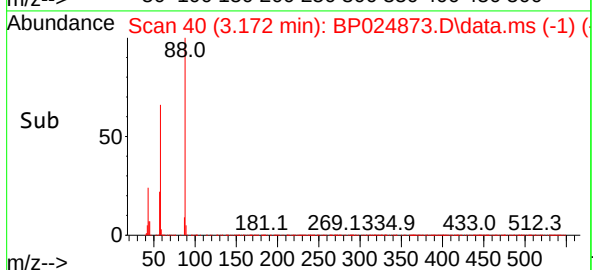
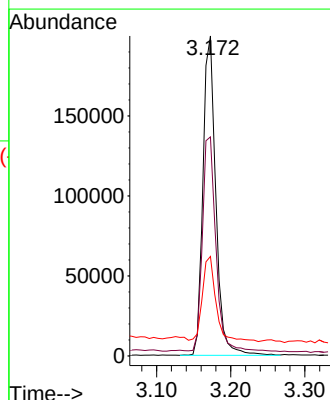
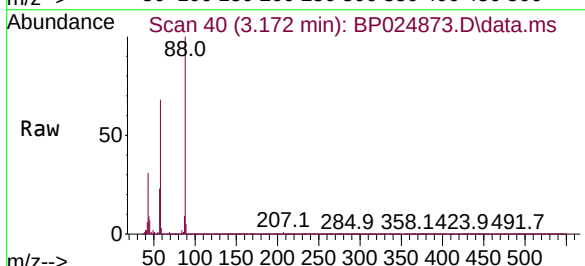
Instrument :
BNA_P
ClientSampleId :
PB168323BS

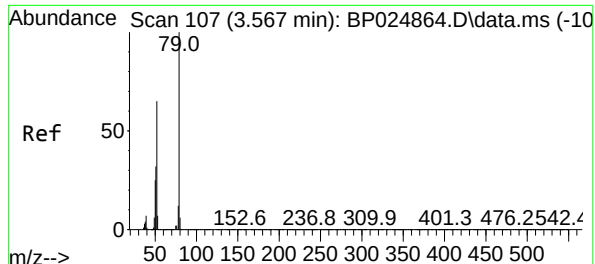
Tgt Ion:152 Resp: 251786
Ion Ratio Lower Upper
152 100
150 158.0 122.1 183.1
115 61.4 46.4 69.6



#2
1,4-Dioxane
Concen: 36.151 ng
RT: 3.172 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 88 Resp: 239942
Ion Ratio Lower Upper
88 100
58 71.0 55.4 83.0
43 28.5 20.8 31.2

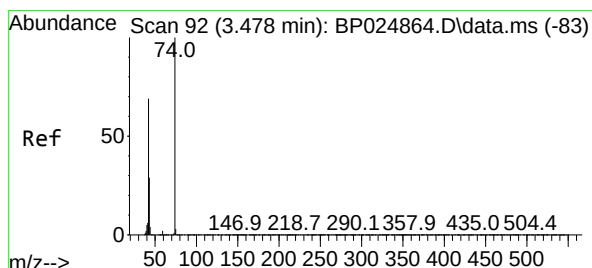
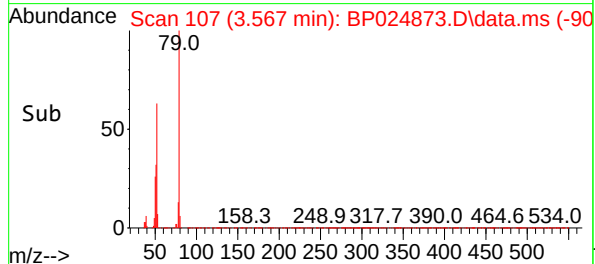
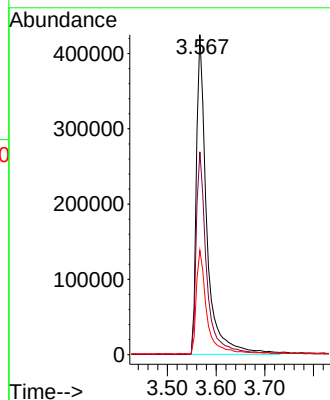
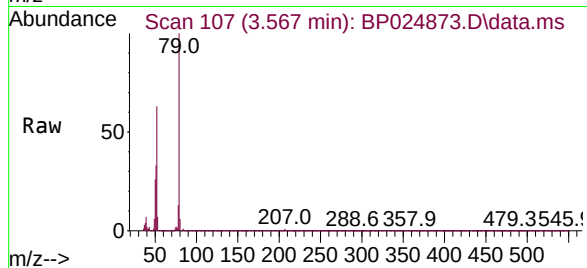




#3
Pyridine
Concen: 39.638 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

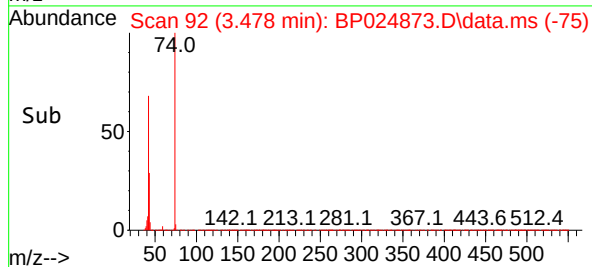
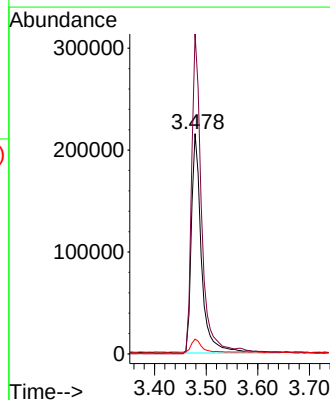
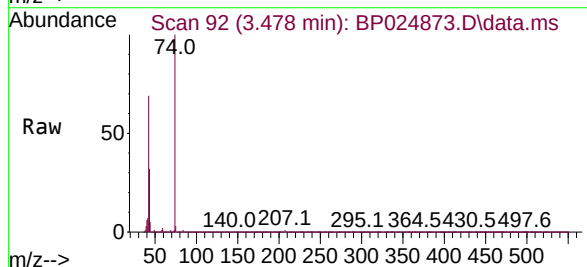
Instrument :
BNA_P
ClientSampleId :
PB168323BS

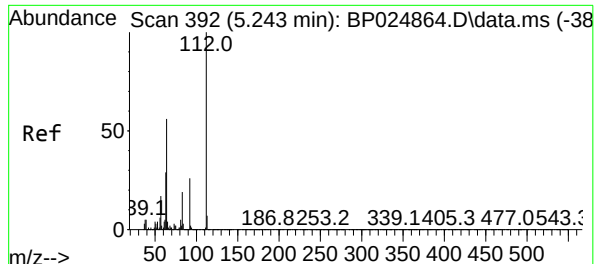
Tgt Ion: 79 Resp: 632702
Ion Ratio Lower Upper
79 100
52 63.4 51.6 77.4
51 32.6 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 45.102 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 42 Resp: 294319
Ion Ratio Lower Upper
42 100
74 145.3 116.6 174.8
44 6.7 5.4 8.0

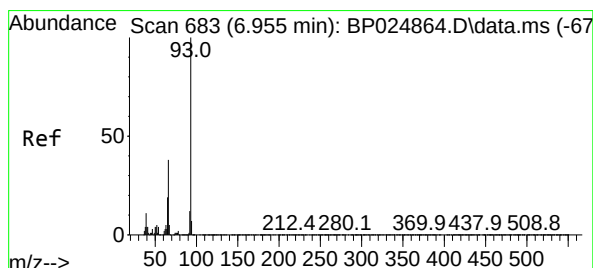
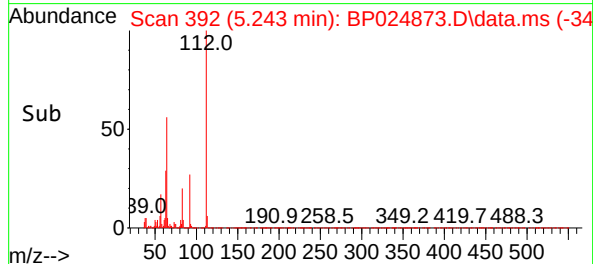
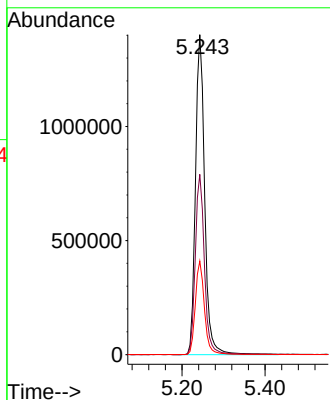
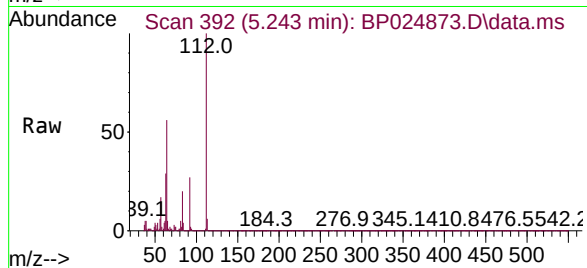




#5
2-Fluorophenol
Concen: 142.554 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

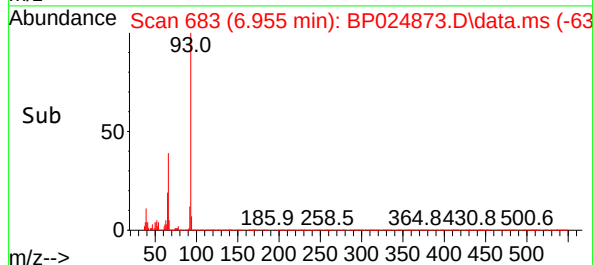
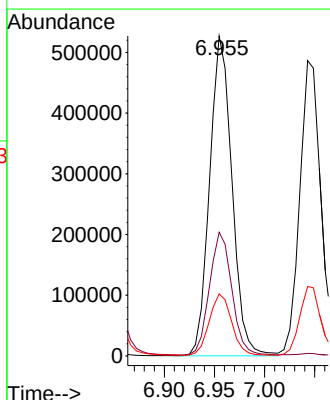
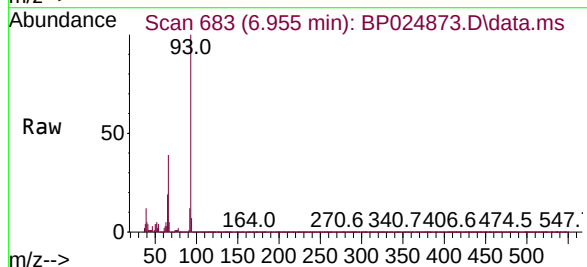
Instrument :
BNA_P
ClientSampleId :
PB168323BS

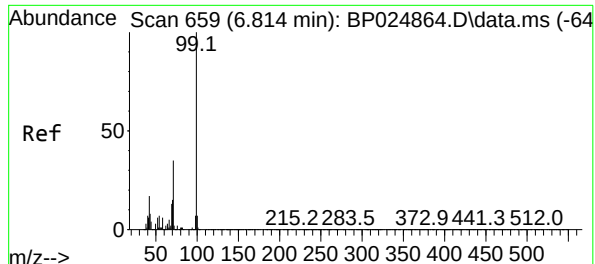
Tgt Ion:112 Resp: 2150315
Ion Ratio Lower Upper
112 100
64 56.3 44.7 67.1
63 29.2 23.5 35.3



#6
Aniline
Concen: 32.074 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 93 Resp: 816918
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.4 15.5 23.3

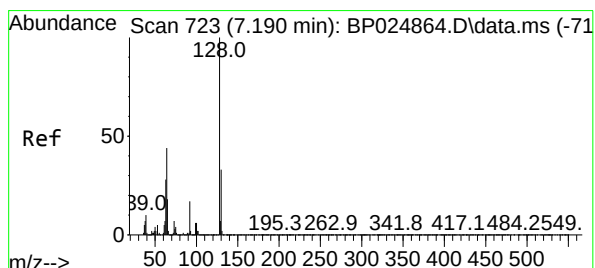
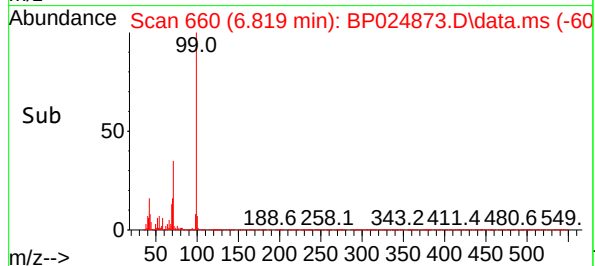
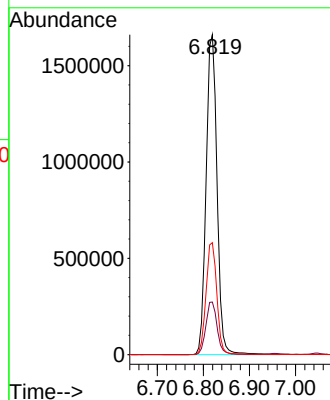
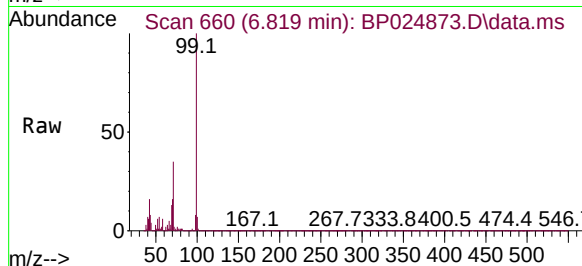




#7
Phenol-d6
Concen: 136.137 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

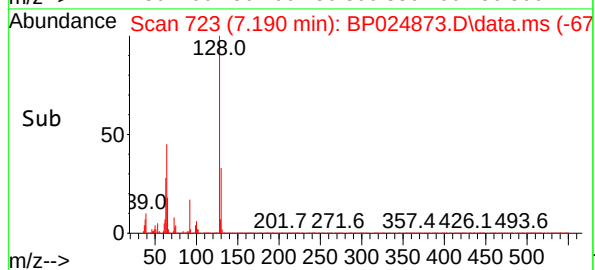
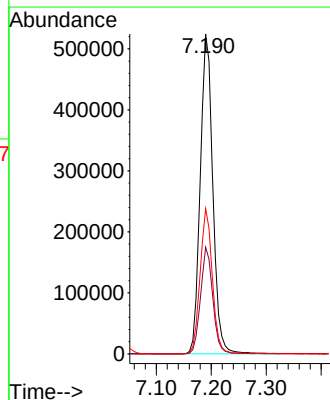
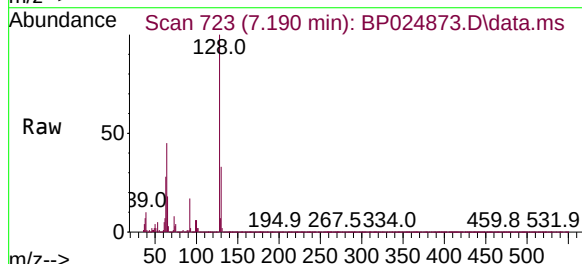
Instrument :
BNA_P
ClientSampleId :
PB168323BS

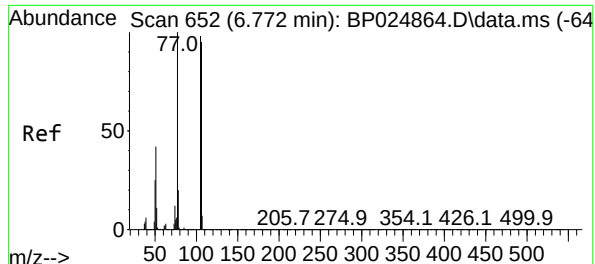
Tgt Ion: 99 Resp: 2717026
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 35.0 27.6 41.4



#8
2-Chlorophenol
Concen: 48.694 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 128 Resp: 832660
Ion Ratio Lower Upper
128 100
130 33.3 12.6 52.6
64 45.4 24.1 64.1

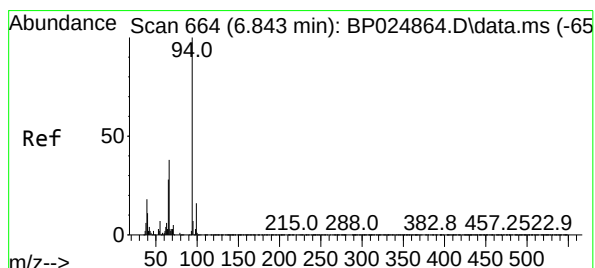
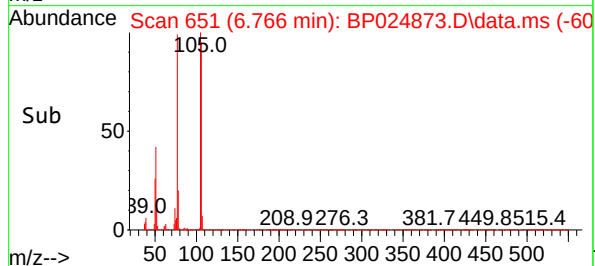
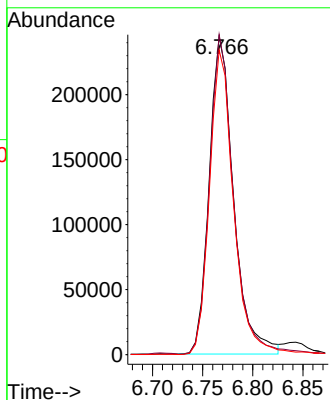
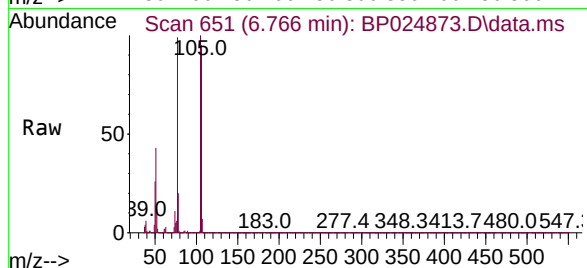




#9
Benzaldehyde
Concen: 36.042 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

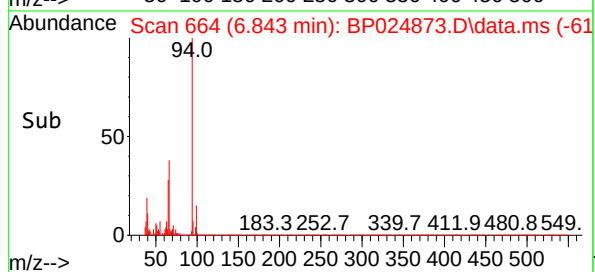
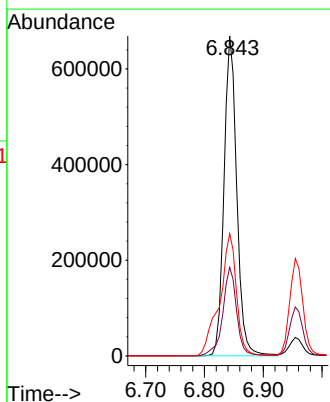
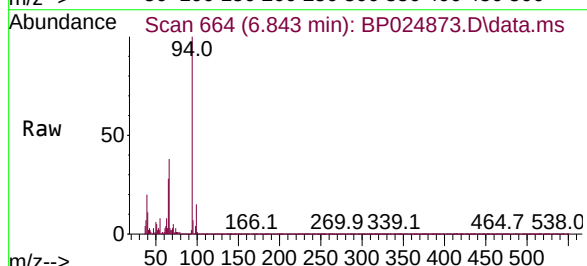
Instrument :
BNA_P
ClientSampleId :
PB168323BS

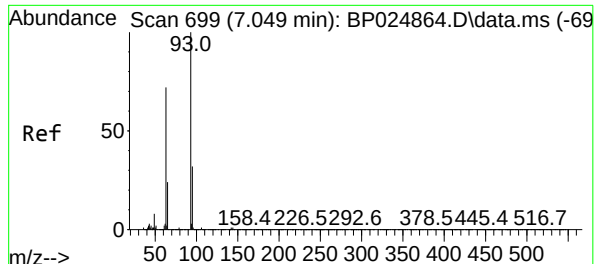
Tgt Ion: 77 Resp: 414614
Ion Ratio Lower Upper
77 100
105 100.6 77.7 117.7
106 95.7 74.8 114.8



#10
Phenol
Concen: 49.021 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 94 Resp: 1008585
Ion Ratio Lower Upper
94 100
65 27.7 8.3 48.3
66 38.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 44.889 ng

RT: 7.043 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

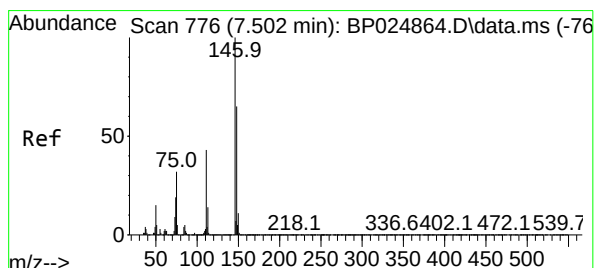
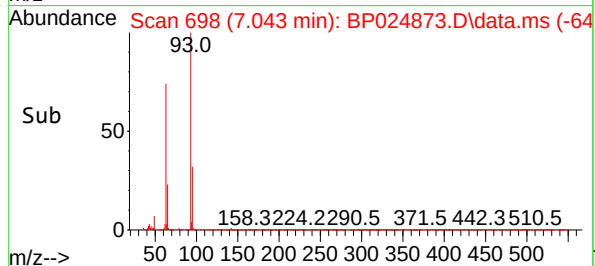
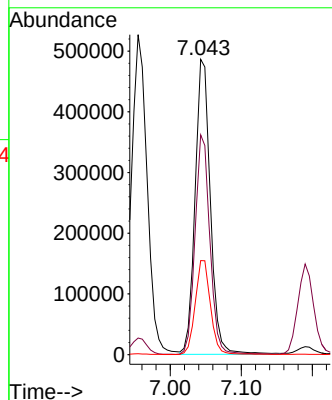
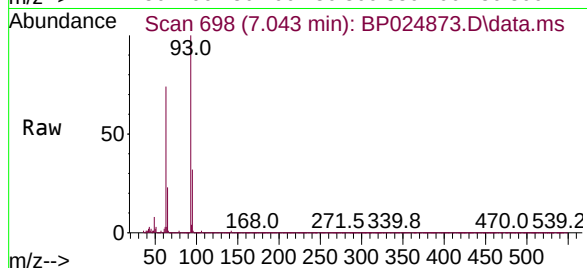
Tgt Ion: 93 Resp: 726397

Ion Ratio Lower Upper

93 100

63 74.4 51.6 91.6

95 31.8 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 43.703 ng

RT: 7.502 min Scan# 776

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

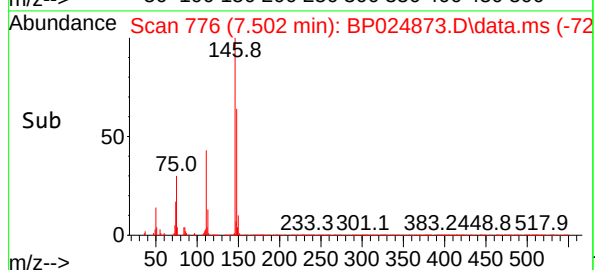
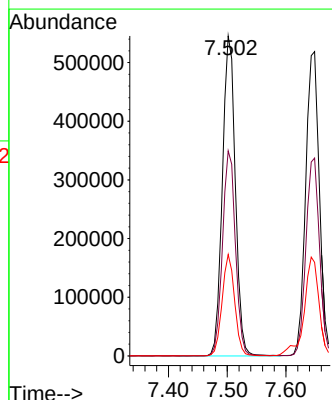
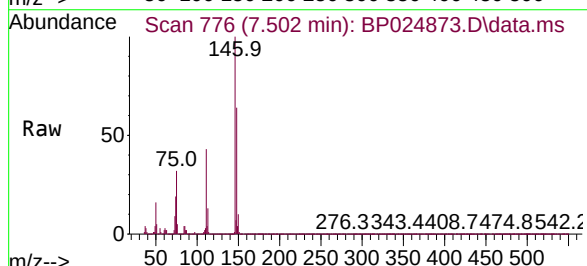
Tgt Ion: 146 Resp: 833695

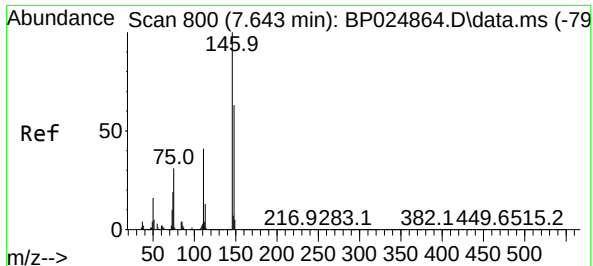
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 31.7 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 43.687 ng

RT: 7.649 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

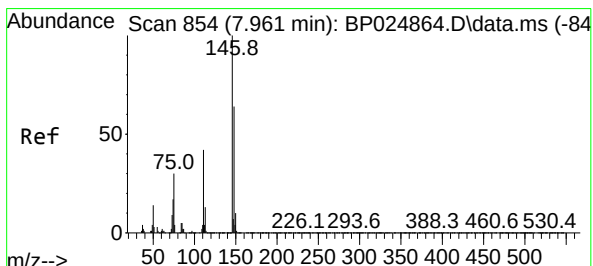
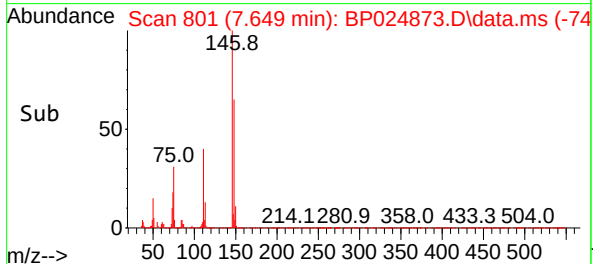
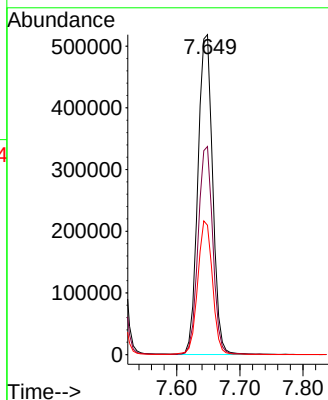
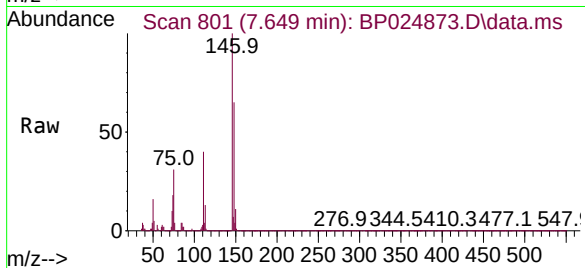
Tgt Ion:146 Resp: 840877

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.4 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 43.460 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

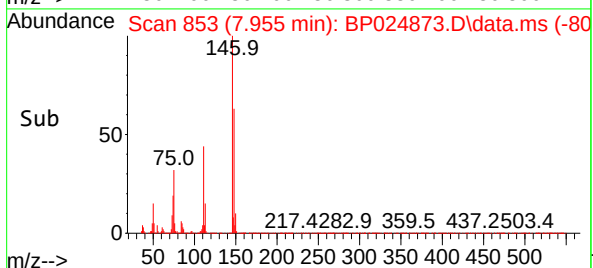
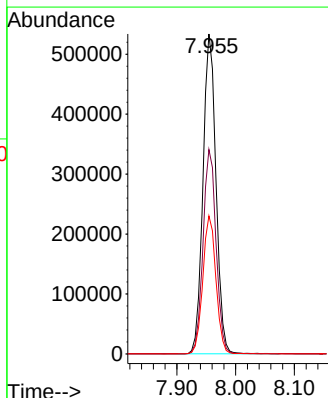
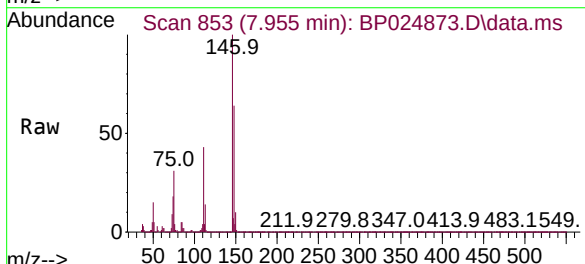
Tgt Ion:146 Resp: 821435

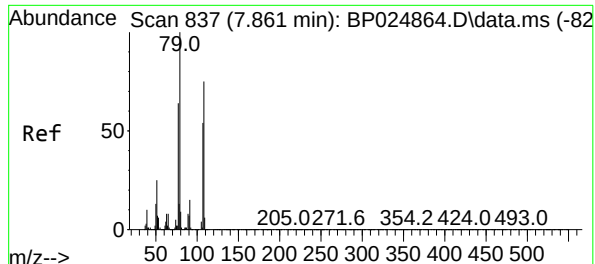
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 43.1 33.8 50.8





#15

Benzyl Alcohol

Concen: 45.133 ng

RT: 7.860 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

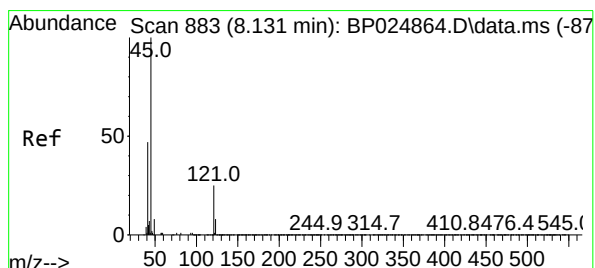
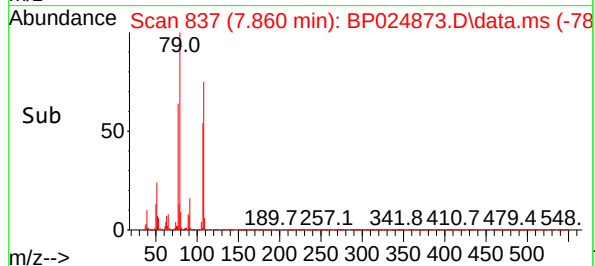
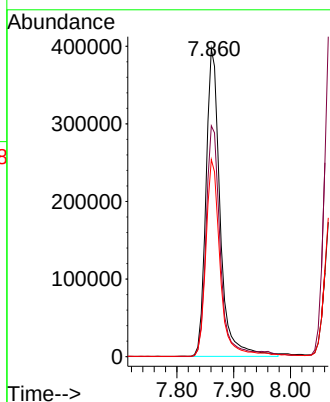
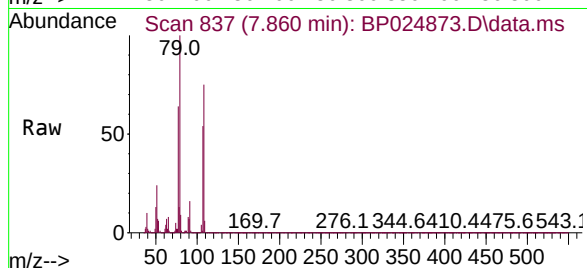
Tgt Ion: 79 Resp: 691313

Ion Ratio Lower Upper

79 100

108 75.0 60.2 90.4

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.060 ng

RT: 8.131 min Scan# 883

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

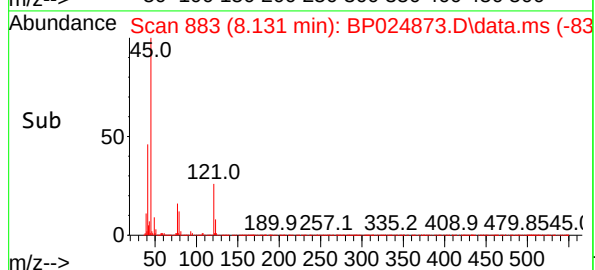
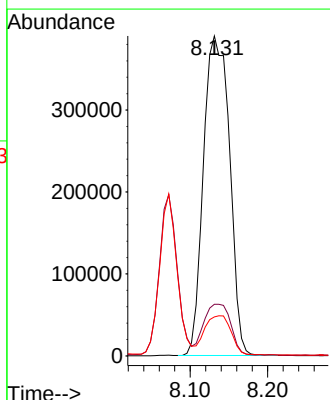
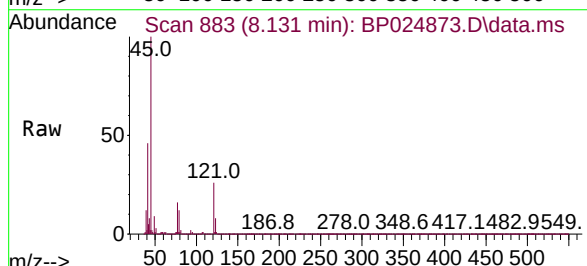
Tgt Ion: 45 Resp: 912010

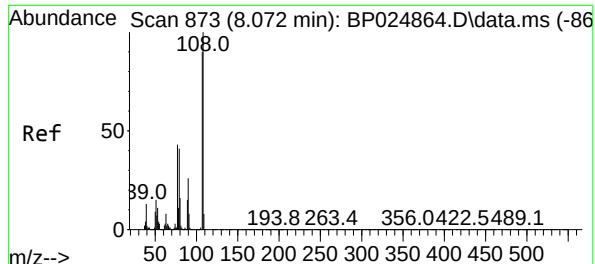
Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.3

79 12.2 0.0 32.2





#17

2-Methylphenol

Concen: 47.420 ng

RT: 8.072 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

Tgt Ion:107 Resp: 681305

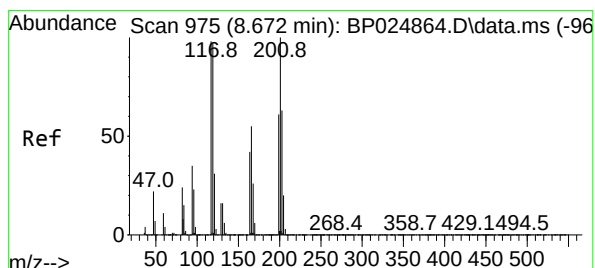
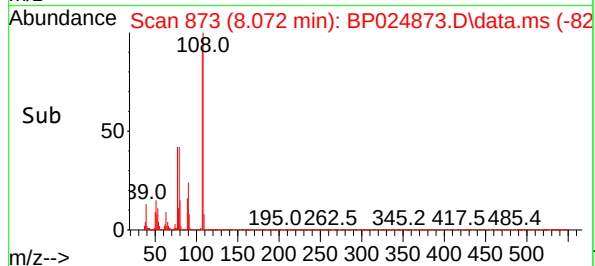
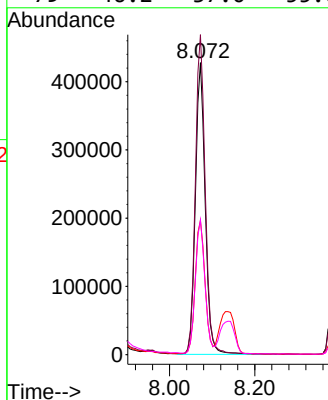
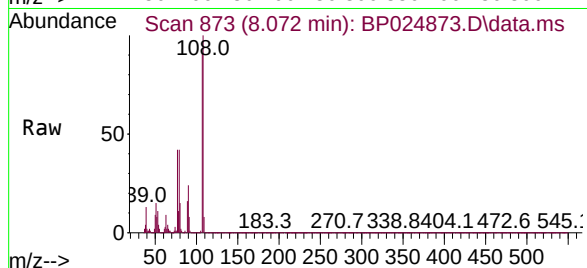
Ion Ratio Lower Upper

107 100

108 109.6 88.6 132.8

77 46.0 38.5 57.7

79 46.2 37.0 55.6



#18

Hexachloroethane

Concen: 43.819 ng

RT: 8.666 min Scan# 974

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

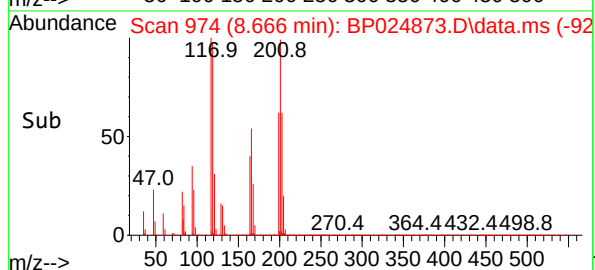
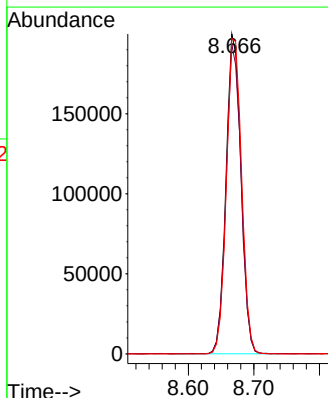
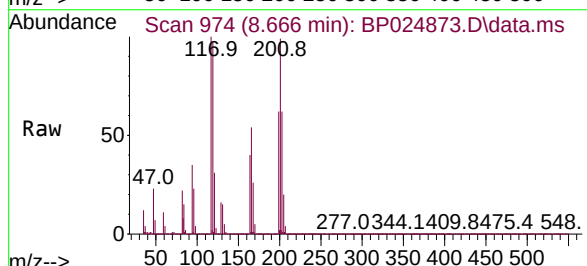
Tgt Ion:117 Resp: 317537

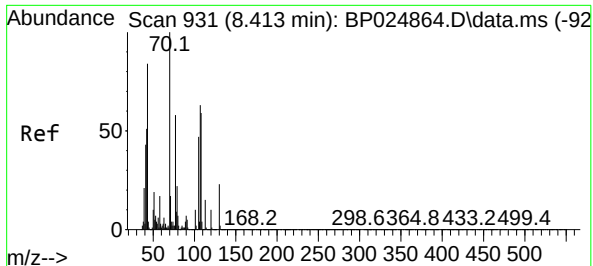
Ion Ratio Lower Upper

117 100

119 96.8 79.4 119.2

201 98.6 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.901 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

Tgt Ion: 70 Resp: 568500

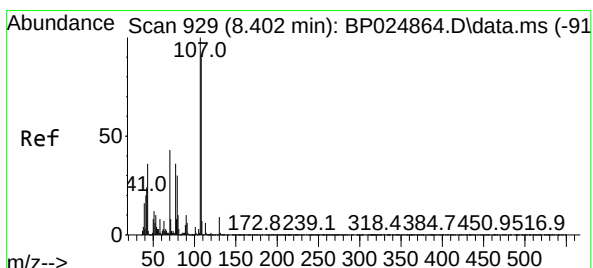
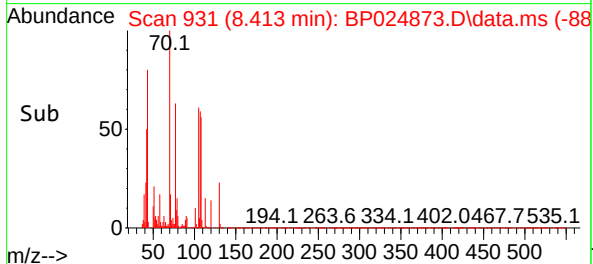
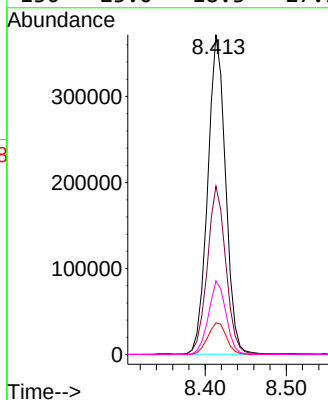
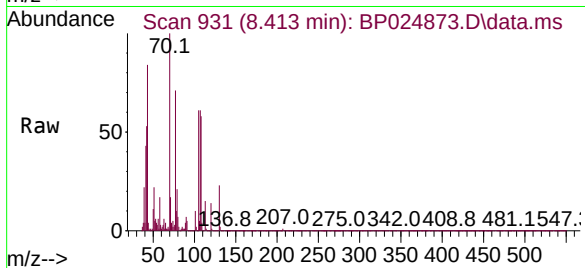
Ion Ratio Lower Upper

70 100

42 52.6 41.2 61.8

101 9.9 8.3 12.5

130 23.0 18.3 27.5



#20

3+4-Methylphenols

Concen: 46.681 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion: 107 Resp: 915040

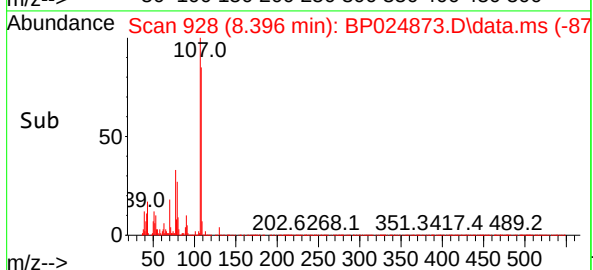
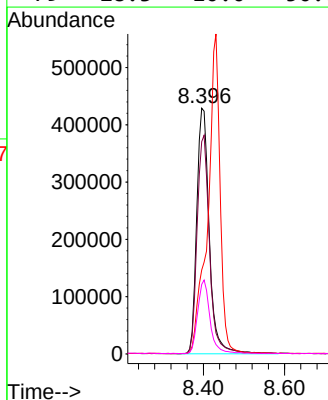
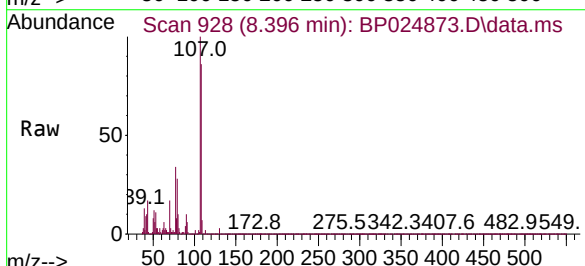
Ion Ratio Lower Upper

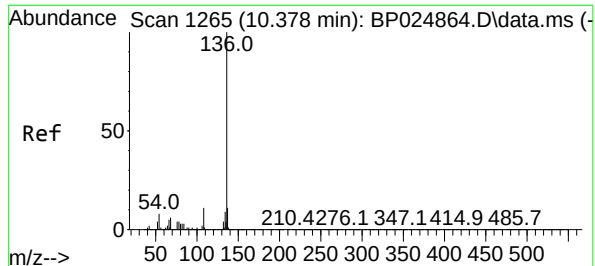
107 100

108 86.4 70.7 110.7

77 34.2 16.6 56.6

79 28.3 10.0 50.0



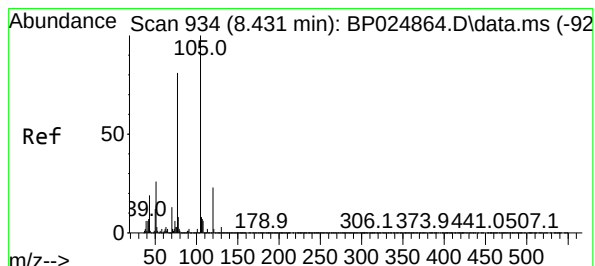
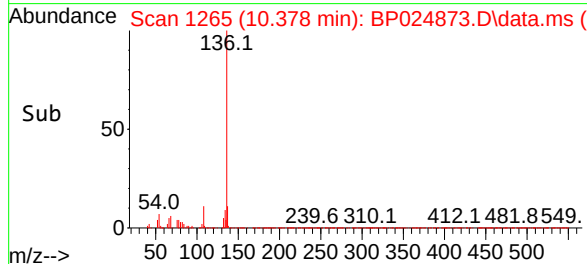
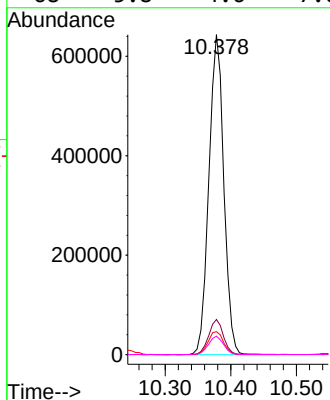
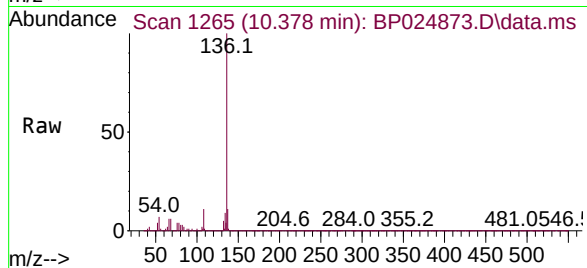


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Tgt Ion:136 Resp: 1016039

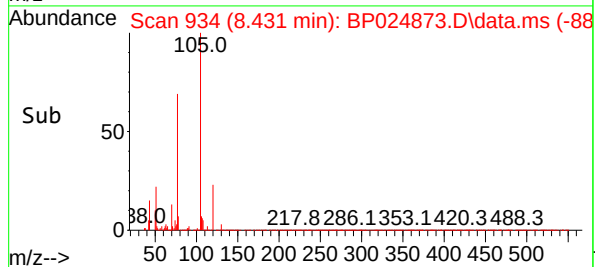
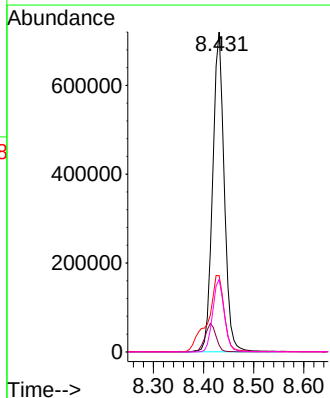
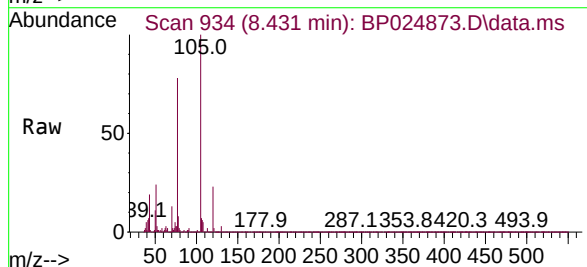
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.1	9.1
68	5.8	4.6	7.0

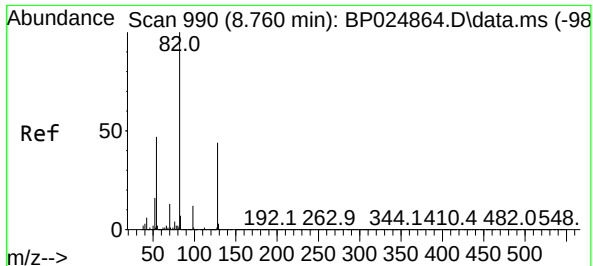


#22
Acetophenone
Concen: 45.221 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:105 Resp: 1160850

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.6	2.4
51	23.8	20.6	31.0
120	22.6	18.2	27.4





#23

Nitrobenzene-d5

Concen: 79.445 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

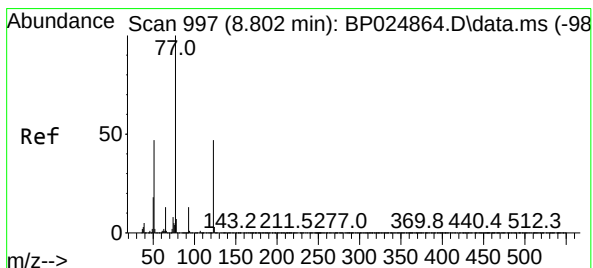
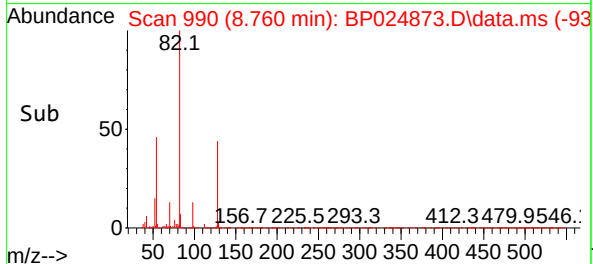
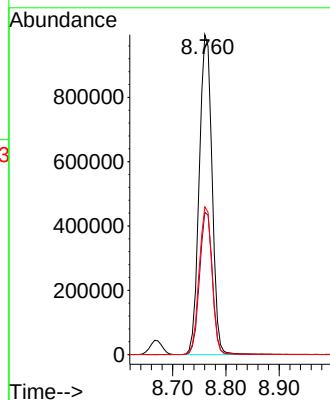
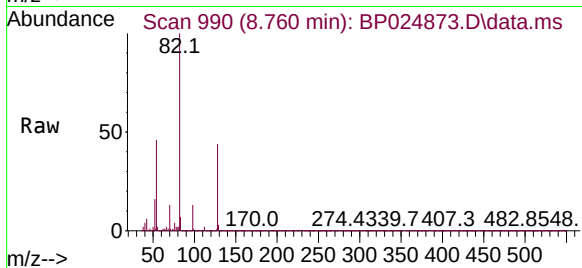
BNA_P

ClientSampleId :

PB168323BS

Tgt Ion: 82 Resp: 1661117

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.3	52.9
54	46.2	37.4	56.0



#24

Nitrobenzene

Concen: 46.259 ng

RT: 8.802 min Scan# 997

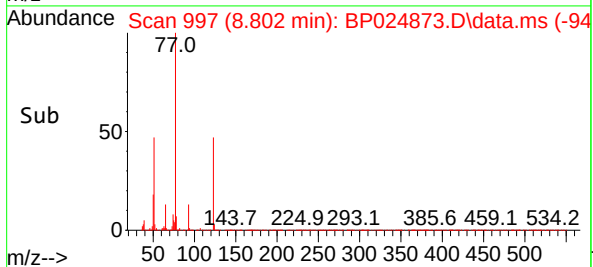
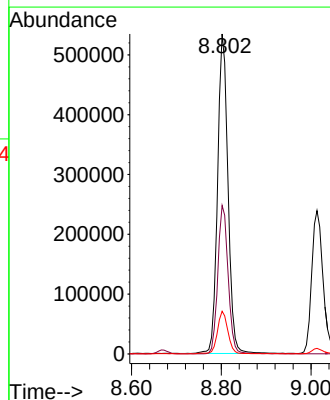
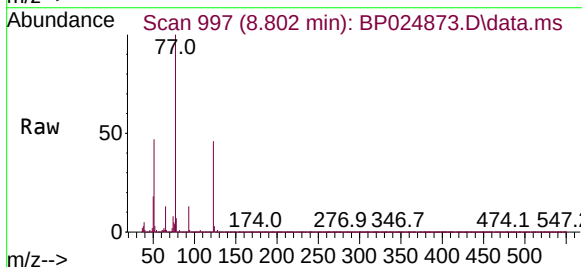
Delta R.T. -0.000 min

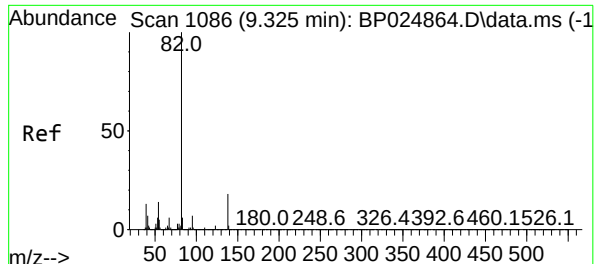
Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion: 77 Resp: 859288

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.3	55.9
65	13.4	10.8	16.2





#25

Isophorone

Concen: 43.167 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

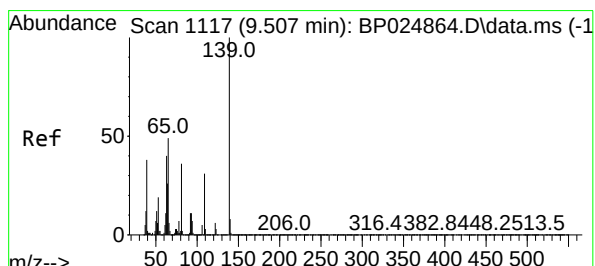
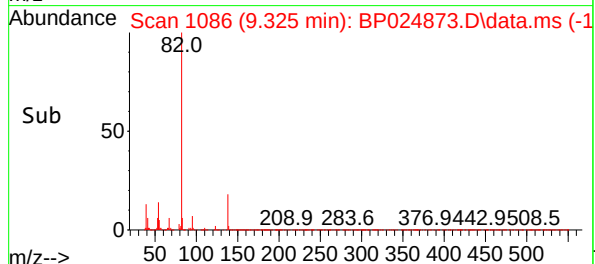
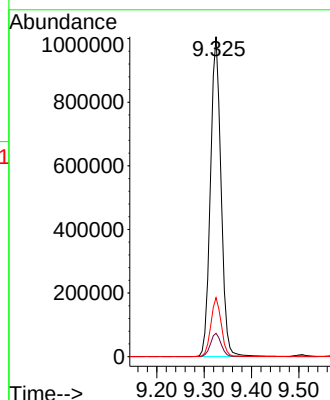
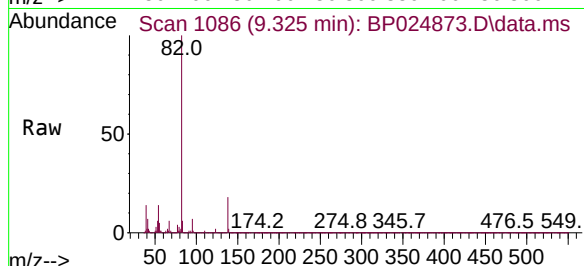
BNA_P

ClientSampleId :

PB168323BS

Tgt Ion: 82 Resp: 1564267

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	18.4	14.6	21.8



#26

2-Nitrophenol

Concen: 47.343 ng

RT: 9.507 min Scan# 1117

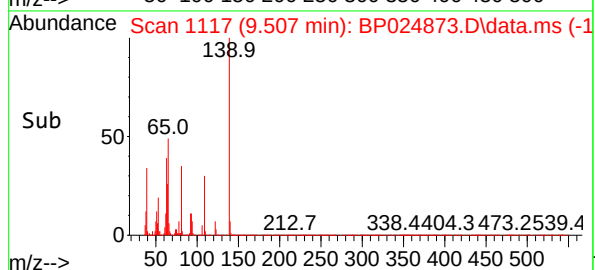
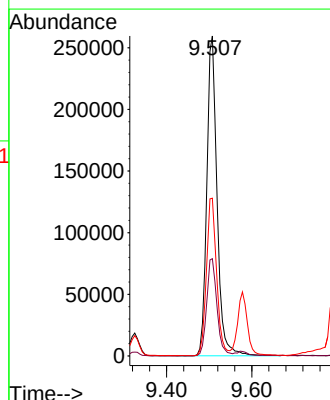
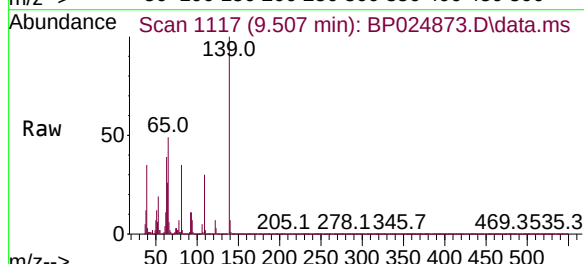
Delta R.T. -0.000 min

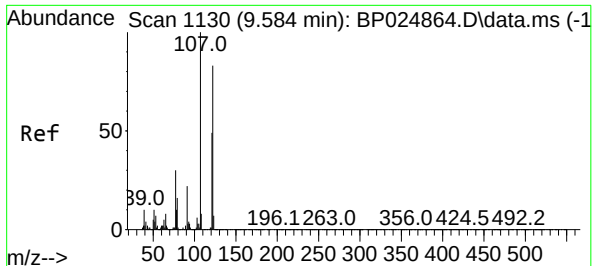
Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion: 139 Resp: 433908

Ion	Ratio	Lower	Upper
139	100		
109	30.4	24.6	37.0
65	49.3	39.5	59.3





#27

2,4-Dimethylphenol

Concen: 48.094 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

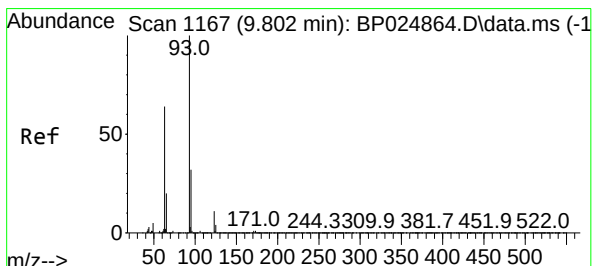
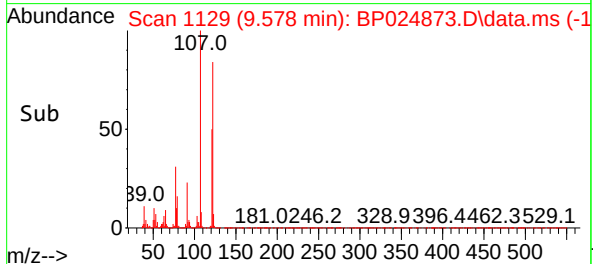
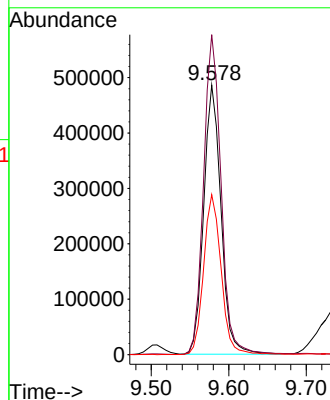
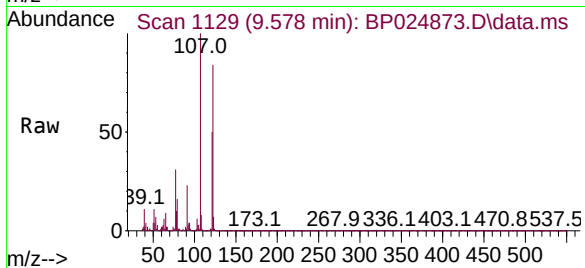
Tgt Ion:122 Resp: 754390

Ion Ratio Lower Upper

122 100

107 118.7 96.2 144.4

121 59.3 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.227 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

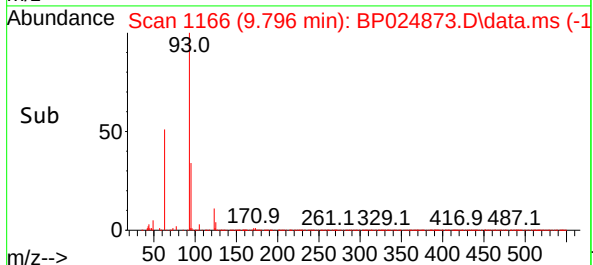
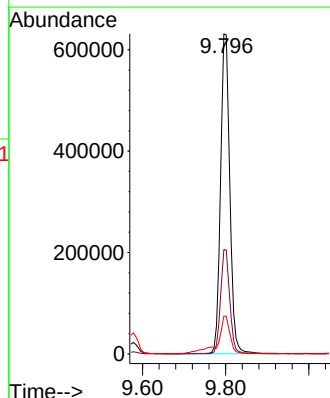
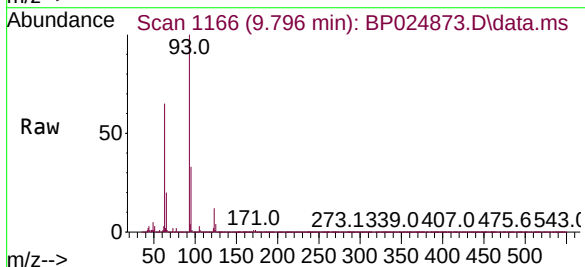
Tgt Ion: 93 Resp: 977653

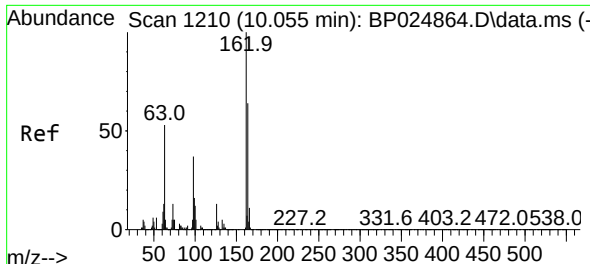
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.263 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

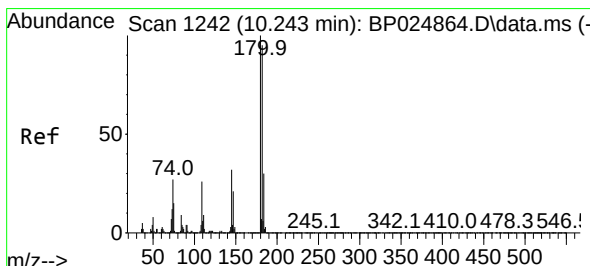
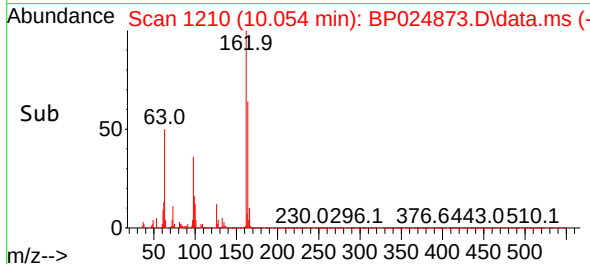
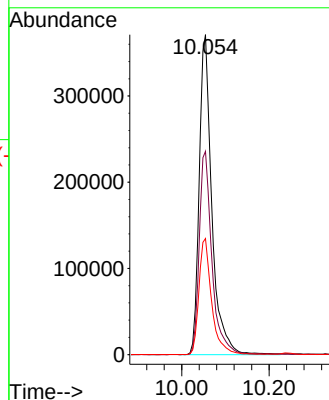
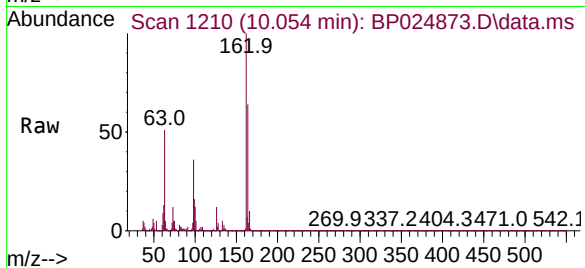
Tgt Ion:162 Resp: 741425

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 36.3 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 44.582 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

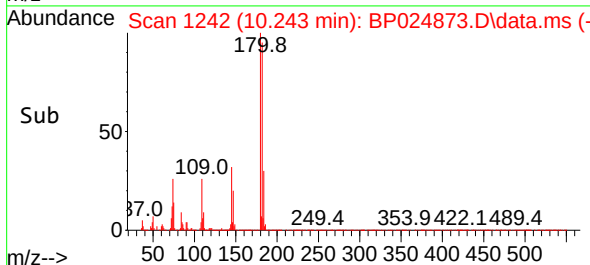
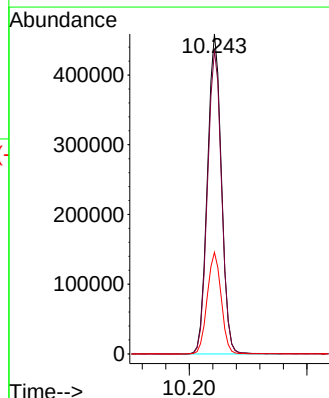
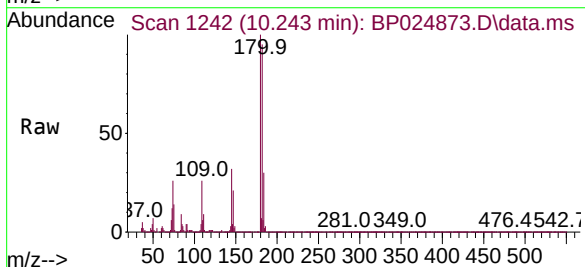
Tgt Ion:180 Resp: 756797

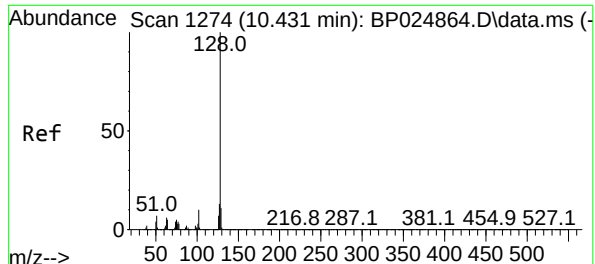
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.6

145 31.7 25.7 38.5

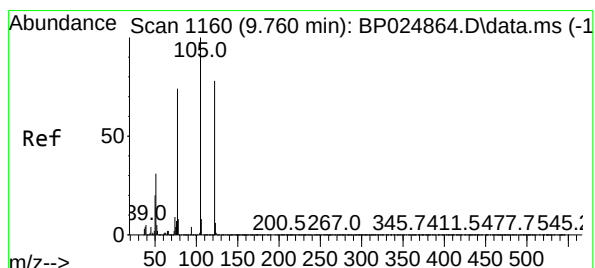
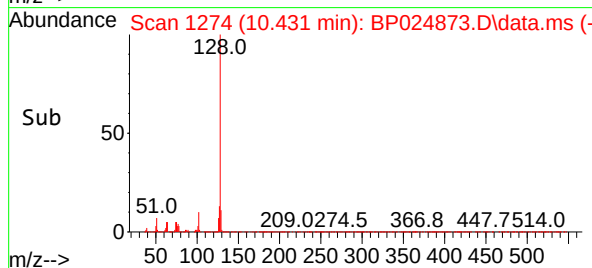
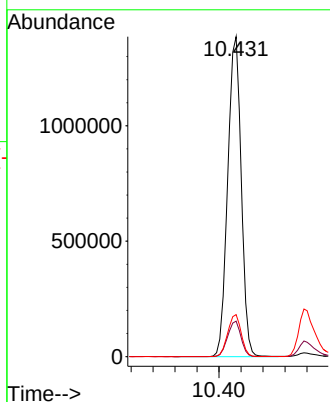
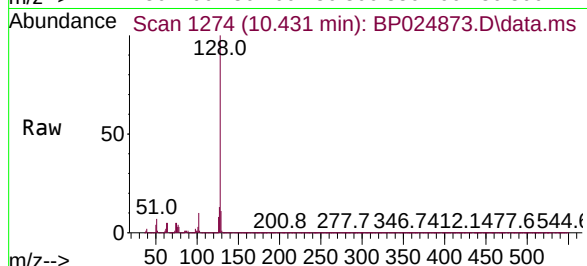




#31
Naphthalene
Concen: 45.301 ng
RT: 10.431 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

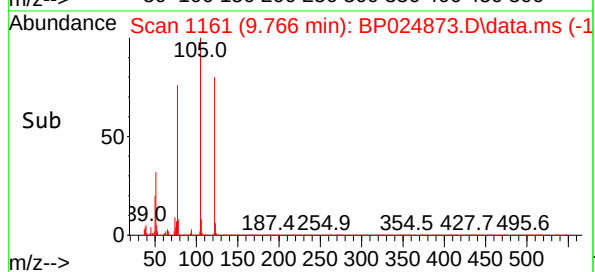
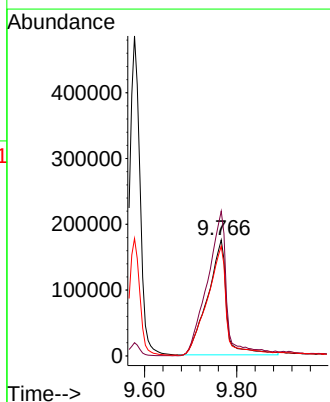
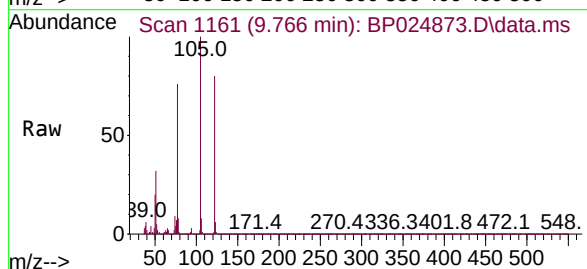
Instrument :
BNA_P
ClientSampleId :
PB168323BS

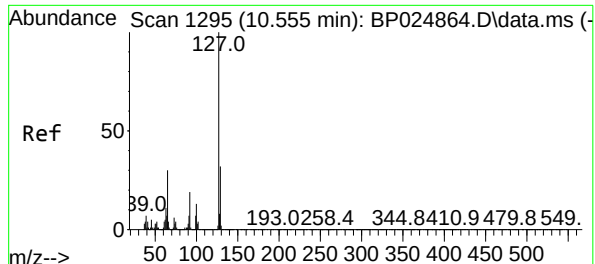
Tgt Ion:128 Resp: 2358732
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 47.349 ng
RT: 9.766 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:122 Resp: 501882
Ion Ratio Lower Upper
122 100
105 125.0 107.1 147.1
77 94.7 75.1 115.1

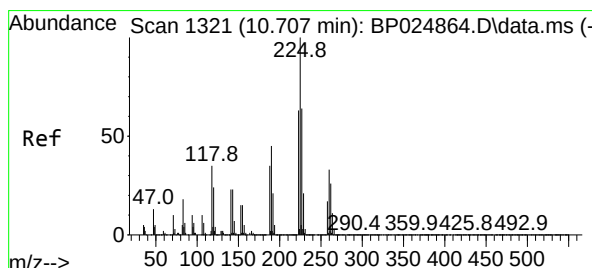
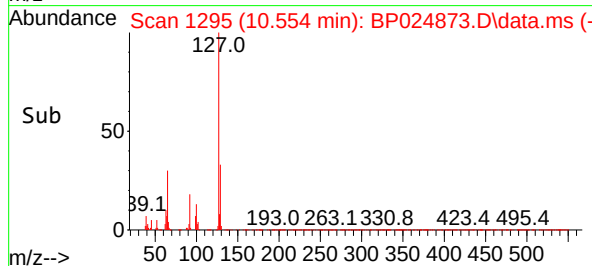
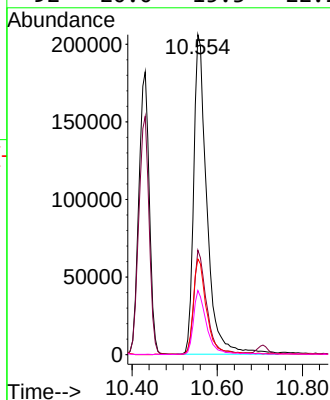
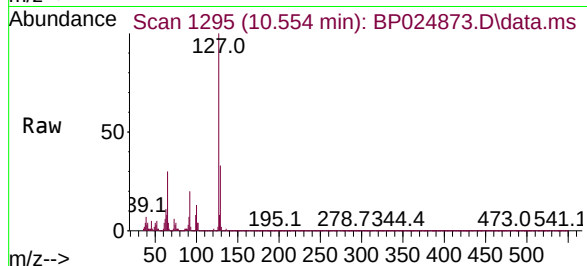




#33
4-Chloroaniline
Concen: 20.314 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

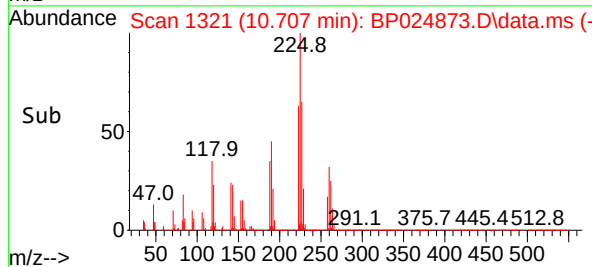
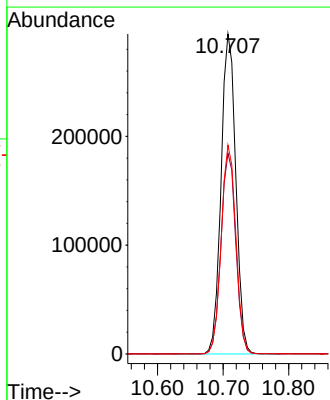
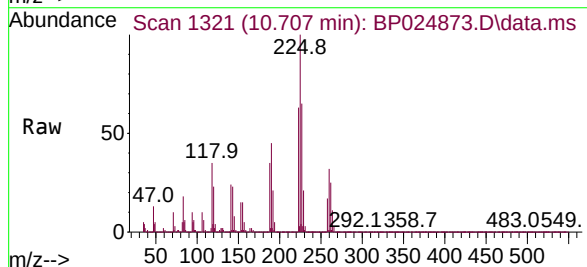
Instrument :
BNA_P
ClientSampleId :
PB168323BS

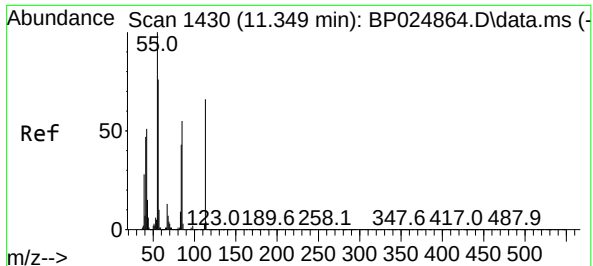
Tgt Ion:	127	Resp:	443141
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.9	23.9	35.9
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.873 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:	225	Resp:	459112
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	65.2	51.4	77.2

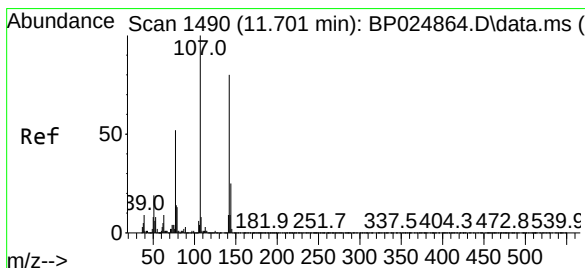
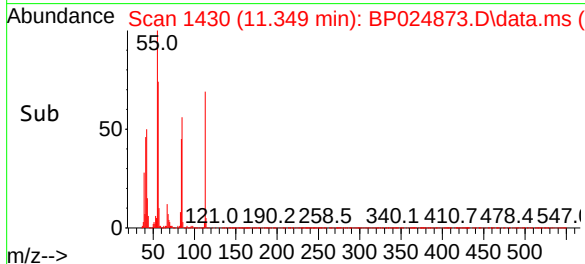
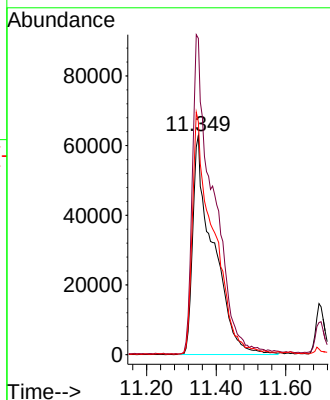
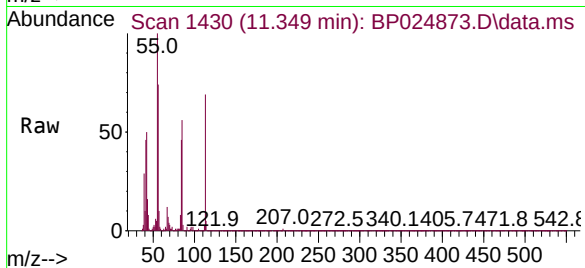




#35
Caprolactam
Concen: 45.658 ng
RT: 11.349 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

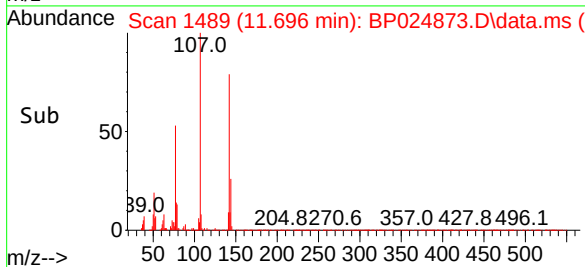
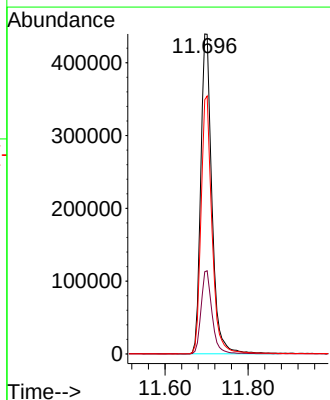
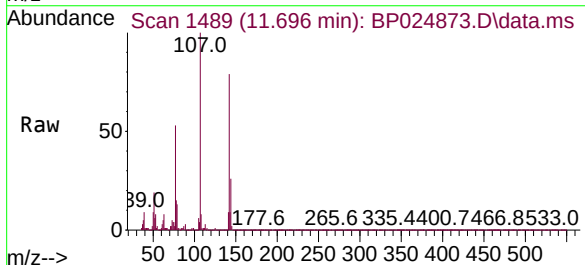
Instrument :
BNA_P
ClientSampleId :
PB168323BS

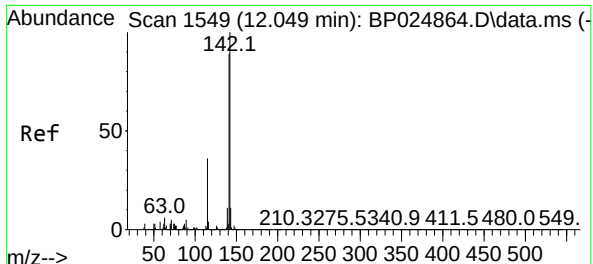
Tgt Ion	Ratio	Lower	Upper
113	100		
55	144.3	132.5	172.5
56	106.2	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 47.292 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	79.4	63.8	95.6

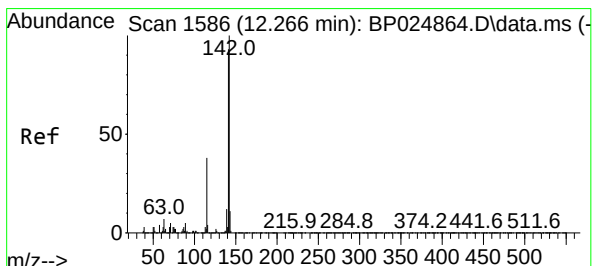
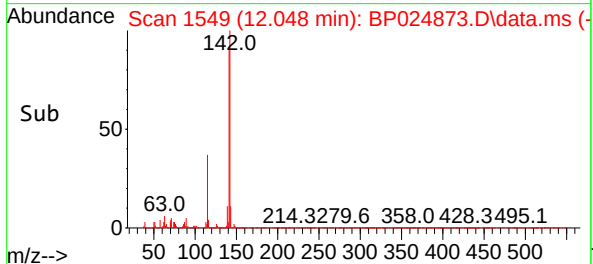
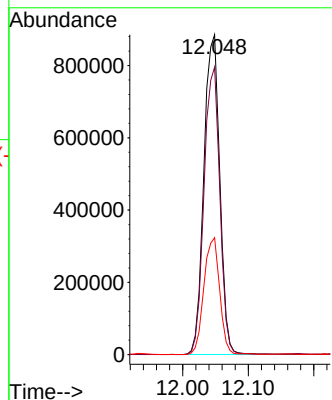
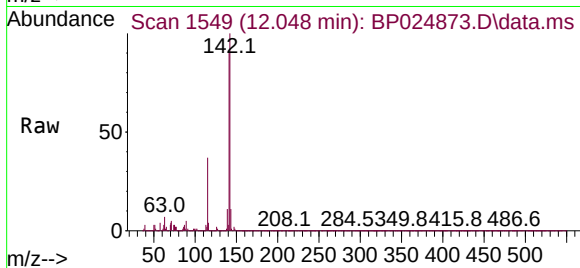




#37
2-Methylnaphthalene
Concen: 45.048 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

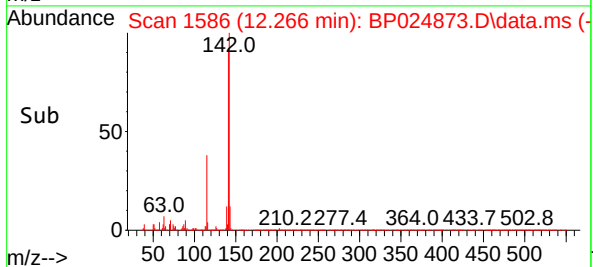
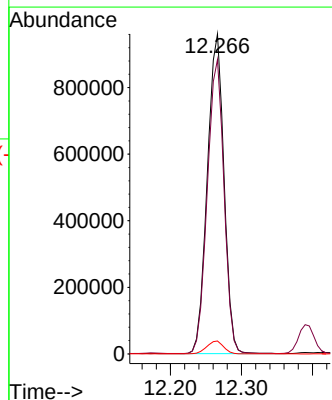
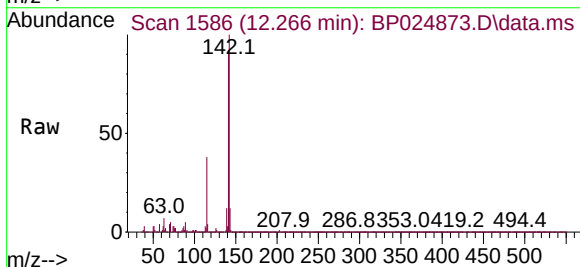
Instrument :
BNA_P
ClientSampleId :
PB168323BS

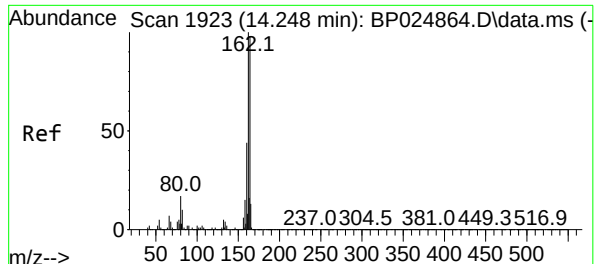
Tgt Ion:142 Resp: 1487861
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.203 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:142 Resp: 1560851
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

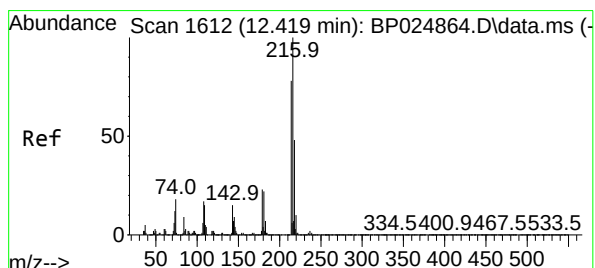
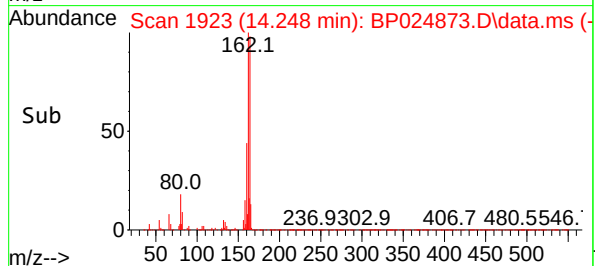
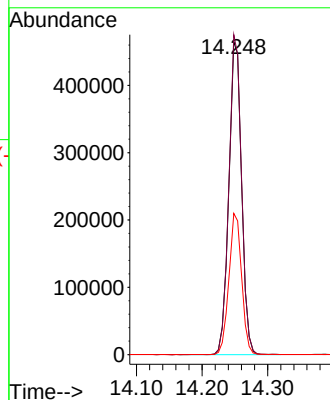
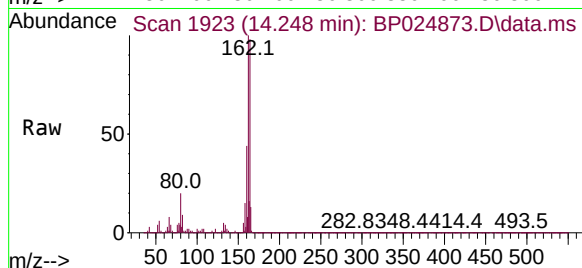
Tgt Ion:164 Resp: 628283

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 45.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.112 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion:216 Resp: 822077

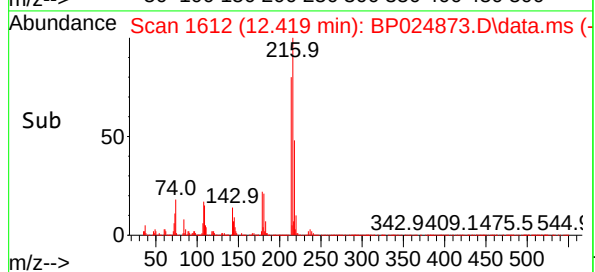
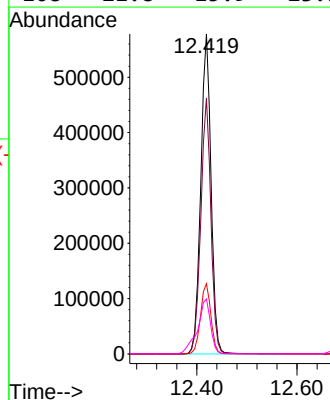
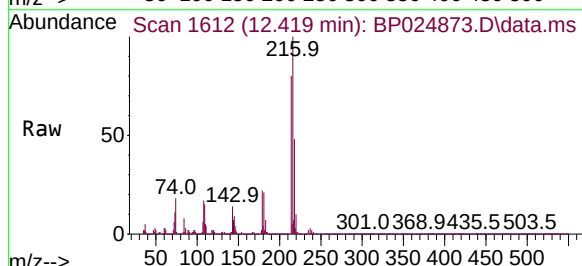
Ion Ratio Lower Upper

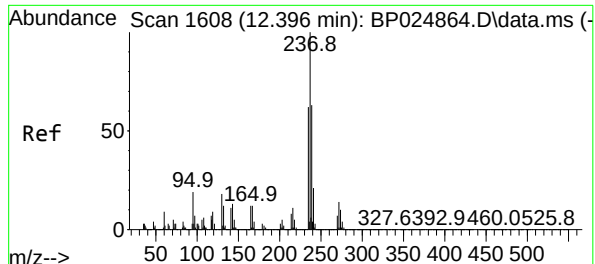
216 100

214 78.8 63.0 94.4

179 22.2 17.8 26.6

108 21.8 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 100.954 ng

RT: 12.390 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

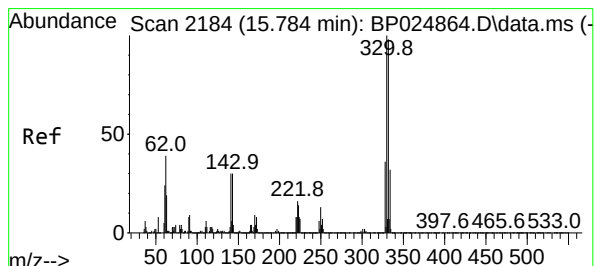
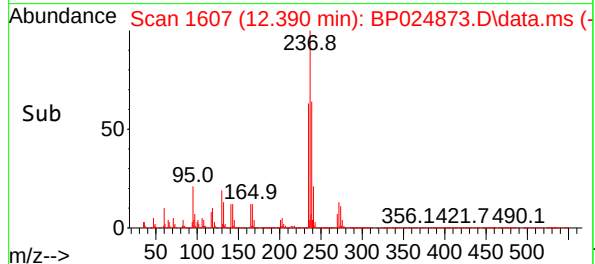
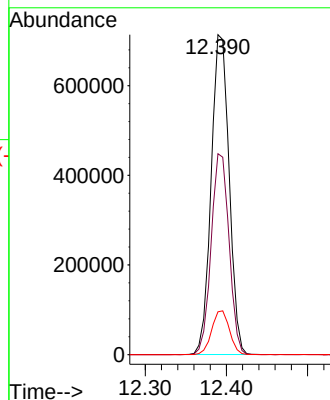
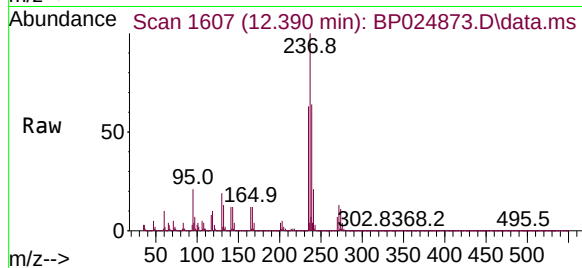
Tgt Ion:237 Resp: 1097762

Ion Ratio Lower Upper

237 100

235 62.8 41.9 81.9

272 13.4 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 131.309 ng

RT: 15.778 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

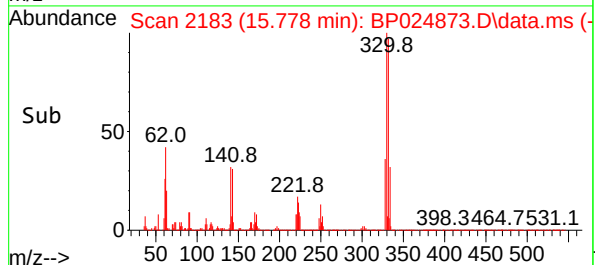
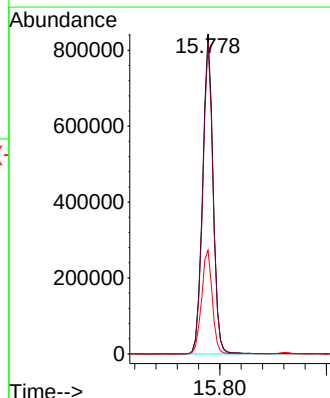
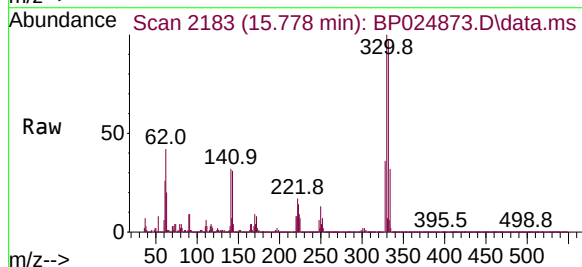
Tgt Ion:330 Resp: 1140597

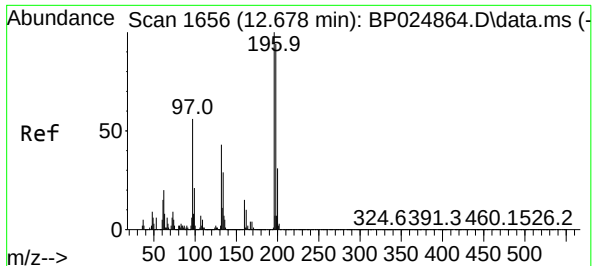
Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 33.2 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 48.214 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

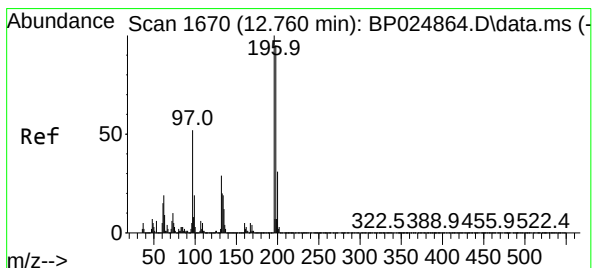
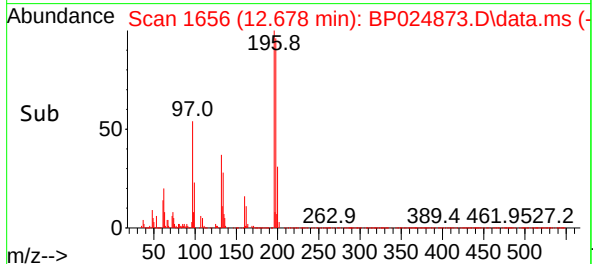
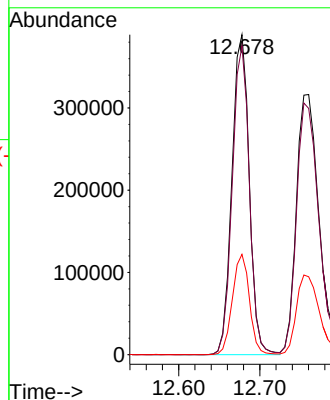
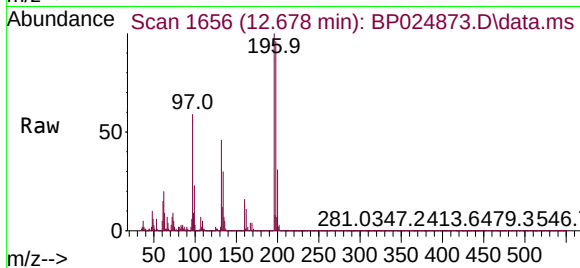
Tgt Ion:196 Resp: 577250

Ion Ratio Lower Upper

196 100

198 96.4 75.4 113.0

200 31.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 49.602 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion:196 Resp: 635990

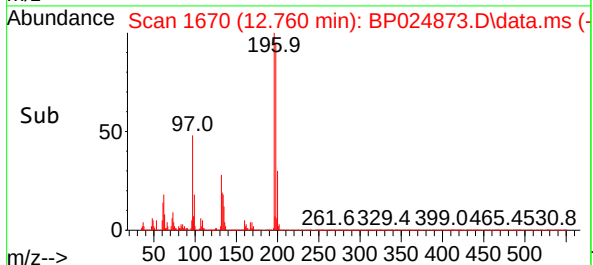
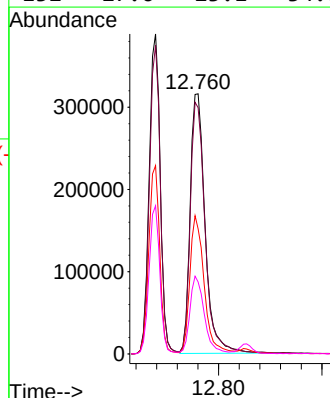
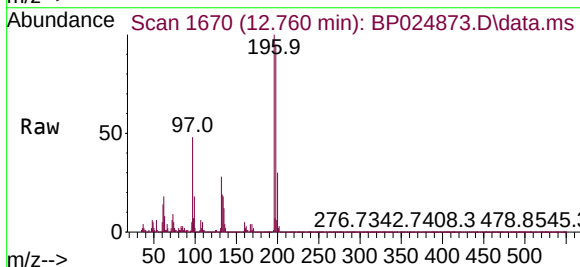
Ion Ratio Lower Upper

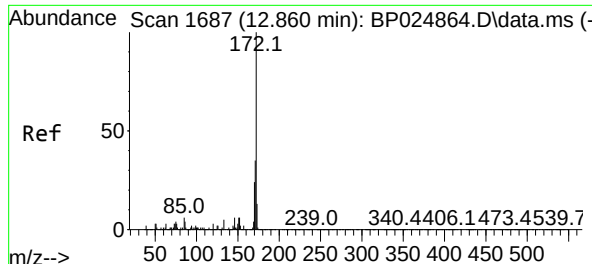
196 100

198 94.7 76.0 114.0

97 48.1 41.5 62.3

132 27.6 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 77.914 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

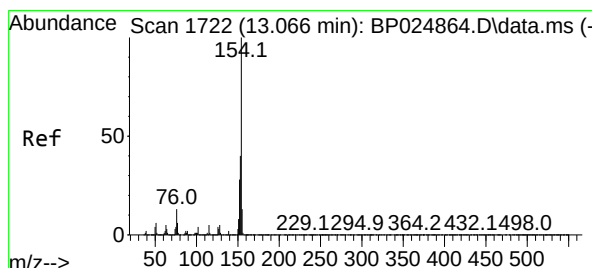
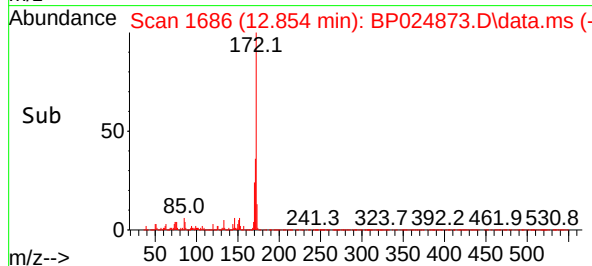
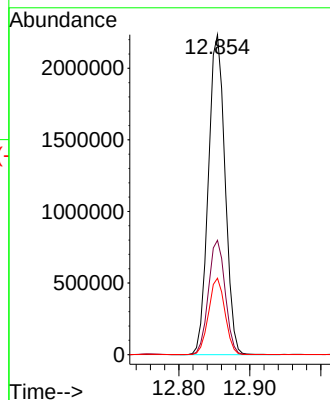
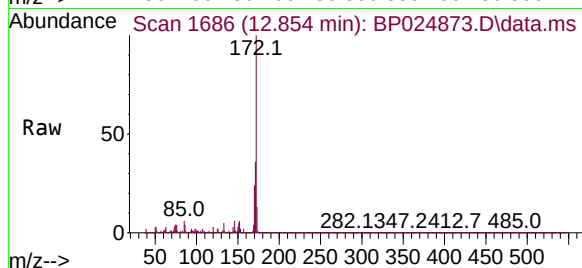
Tgt Ion:172 Resp: 3633814

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.844 ng

RT: 13.066 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

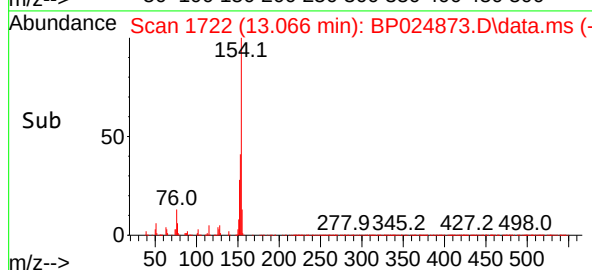
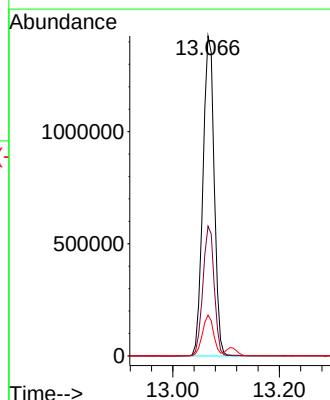
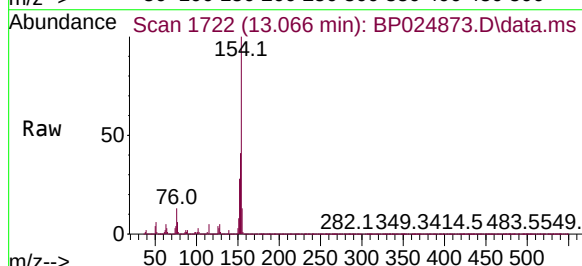
Tgt Ion:154 Resp: 2093200

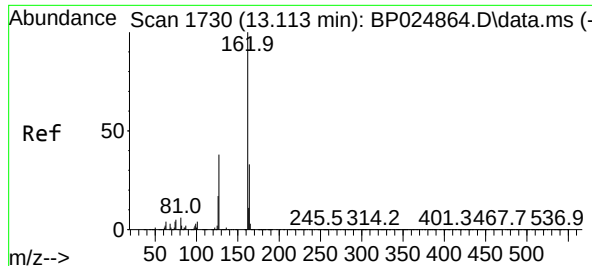
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.7 0.0 33.0





#47

2-Chloronaphthalene

Concen: 46.187 ng

RT: 13.107 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

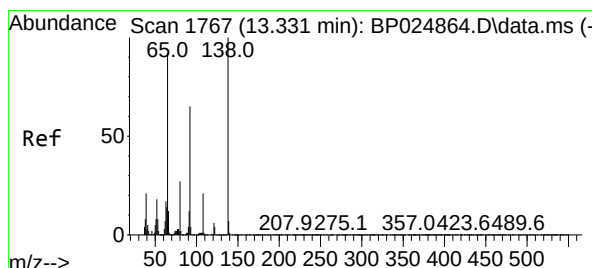
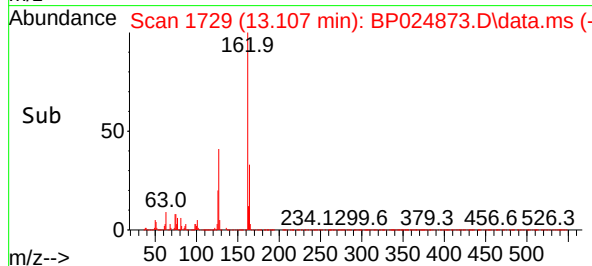
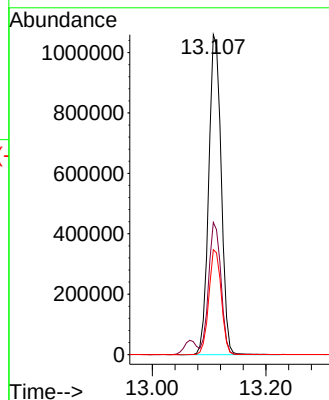
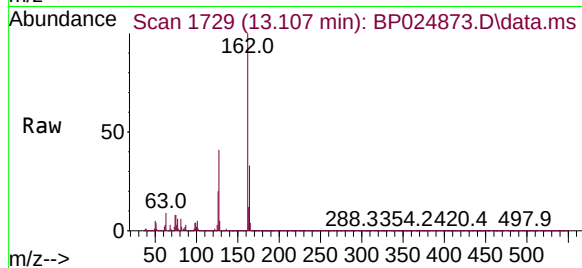
Tgt Ion:162 Resp: 1620819

Ion Ratio Lower Upper

162 100

127 41.3 32.5 48.7

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 48.295 ng

RT: 13.331 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

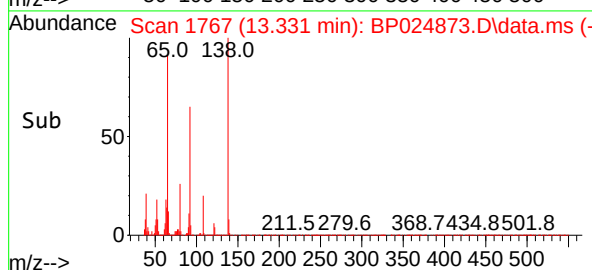
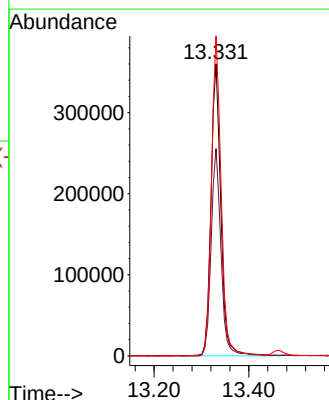
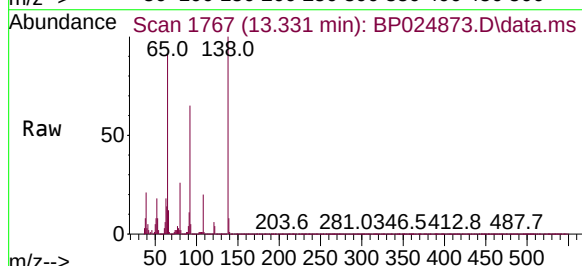
Tgt Ion: 65 Resp: 521042

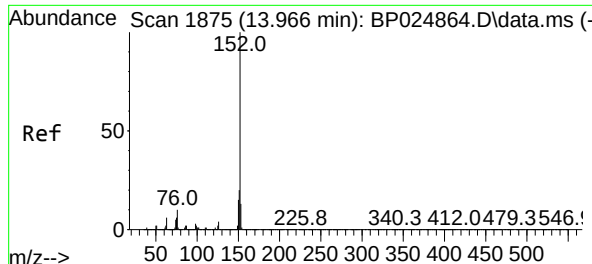
Ion Ratio Lower Upper

65 100

92 71.0 56.8 85.2

138 109.5 86.9 130.3





#49

Acenaphthylene

Concen: 45.478 ng

RT: 13.972 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

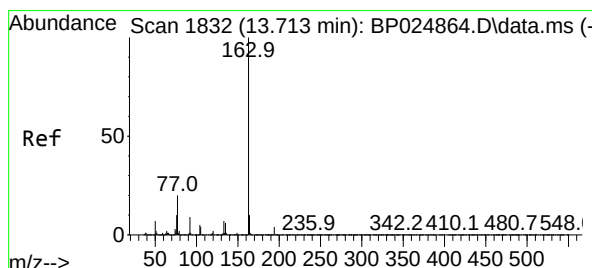
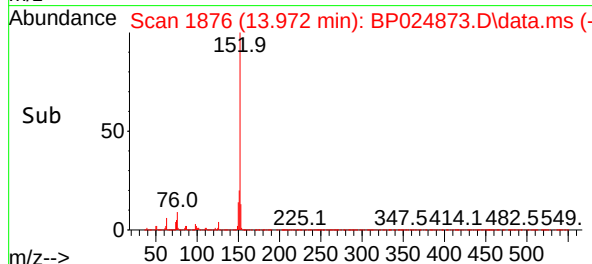
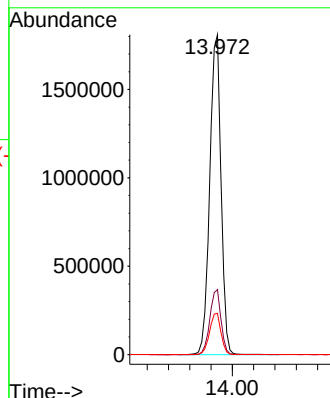
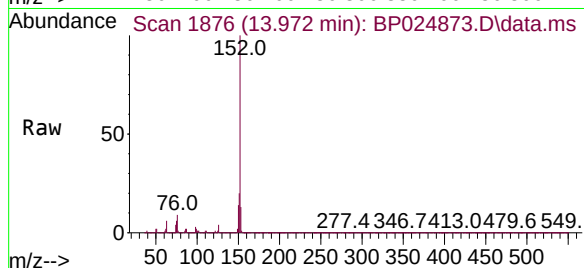
Tgt Ion:152 Resp: 2661012

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 44.824 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

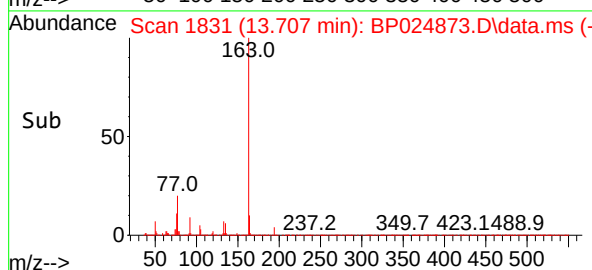
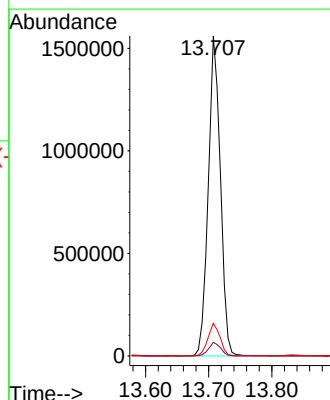
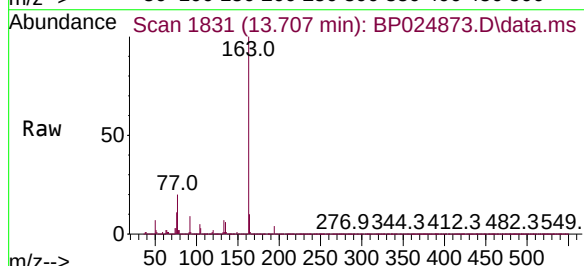
Tgt Ion:163 Resp: 2077480

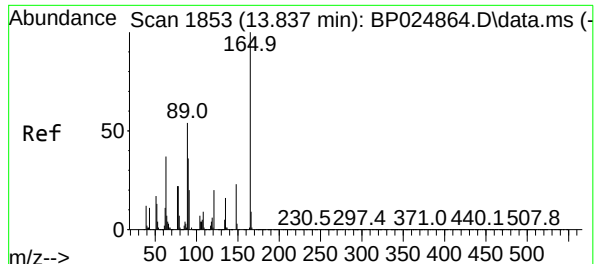
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.0 12.0

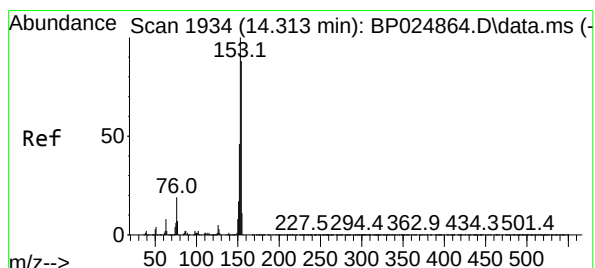
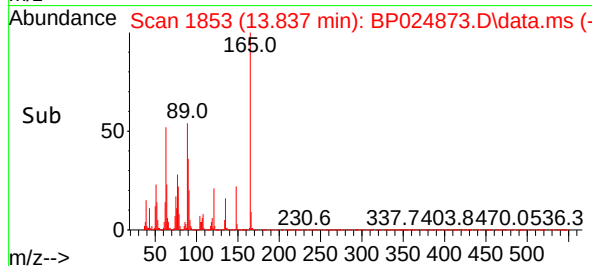
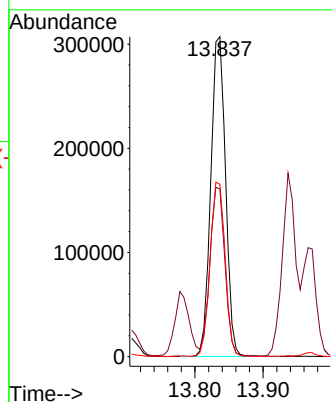
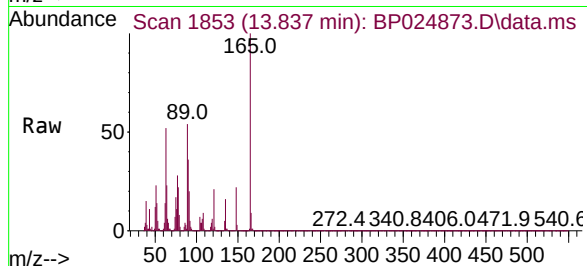




#51
2,6-Dinitrotoluene
Concen: 46.153 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

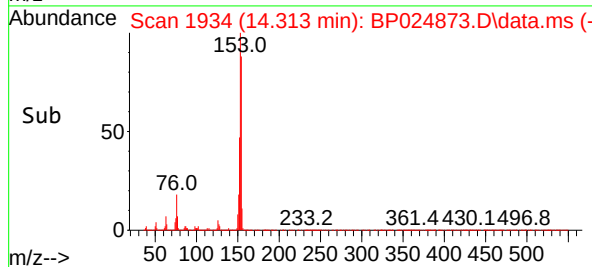
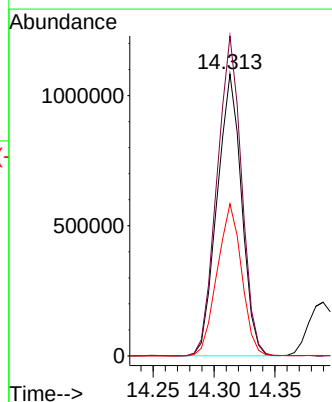
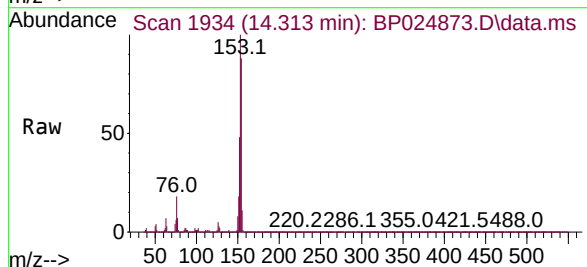
Instrument :
BNA_P
ClientSampleId :
PB168323BS

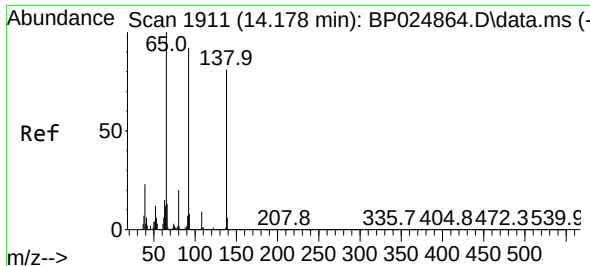
Tgt Ion:165 Resp: 461134
Ion Ratio Lower Upper
165 100
63 52.4 41.8 62.8
89 53.8 43.1 64.7



#52
Acenaphthene
Concen: 45.227 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:154 Resp: 1516438
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 54.0 42.1 63.1

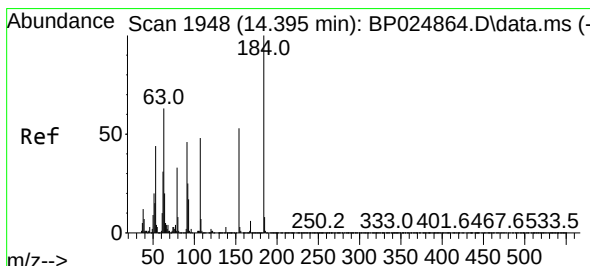
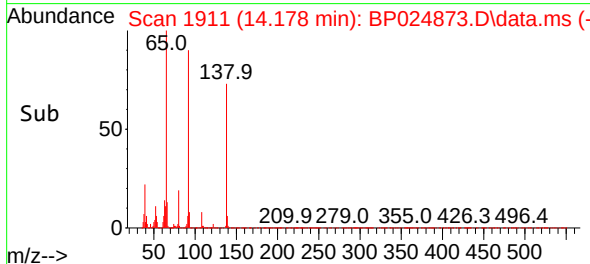
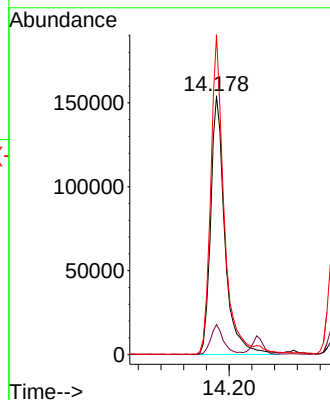
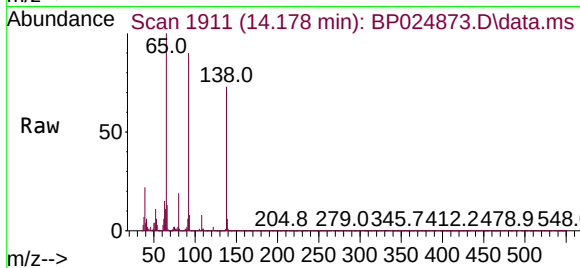




#53
3-Nitroaniline
Concen: 25.855 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

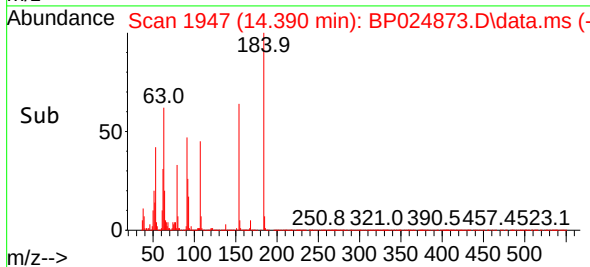
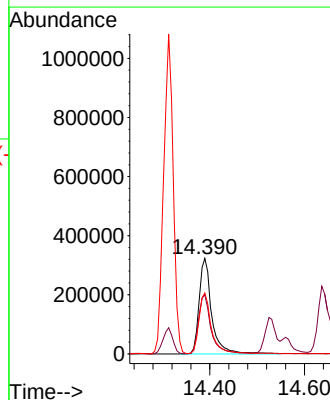
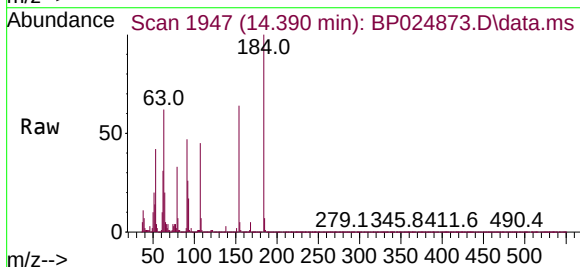
Instrument :
BNA_P
ClientSampleId :
PB168323BS

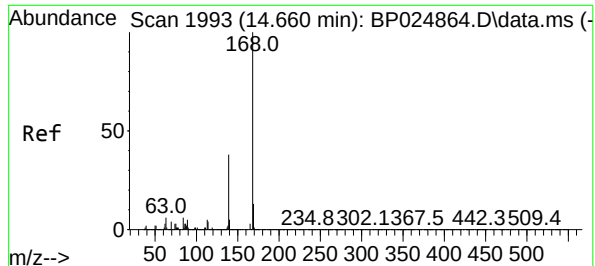
Tgt Ion:138 Resp: 268082
Ion Ratio Lower Upper
138 100
108 11.6 8.6 12.8
92 123.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 90.641 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:184 Resp: 594890
Ion Ratio Lower Upper
184 100
63 61.9 51.0 76.4
154 63.9 51.7 77.5





#55

Dibenzenofuran

Concen: 44.250 ng

RT: 14.654 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

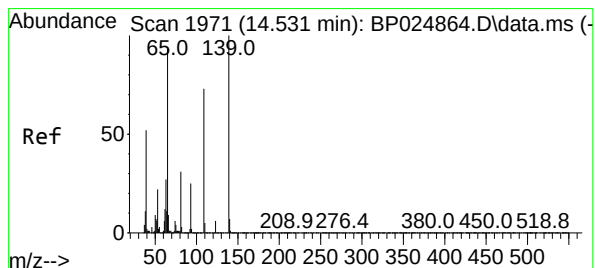
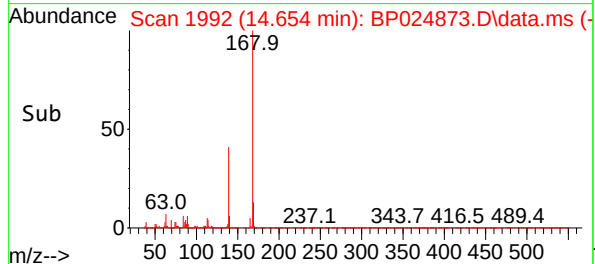
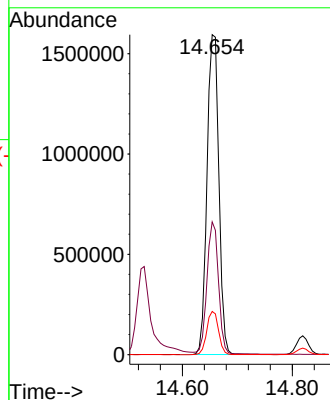
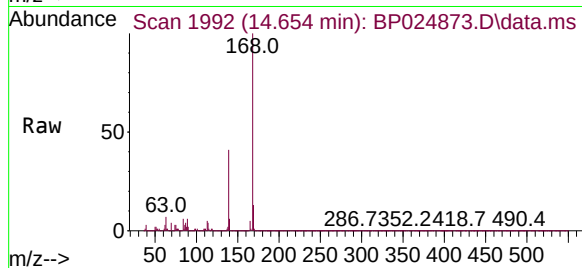
Tgt Ion:168 Resp: 2381540

Ion Ratio Lower Upper

168 100

139 41.5 31.6 47.4

169 13.5 10.6 15.8



#56

4-Nitrophenol

Concen: 91.350 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

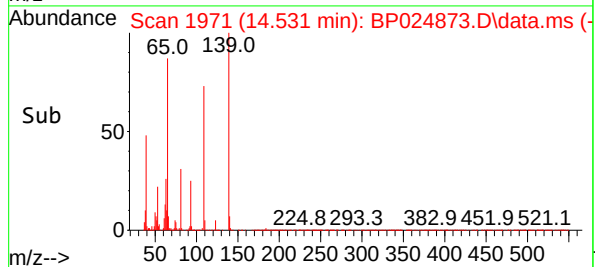
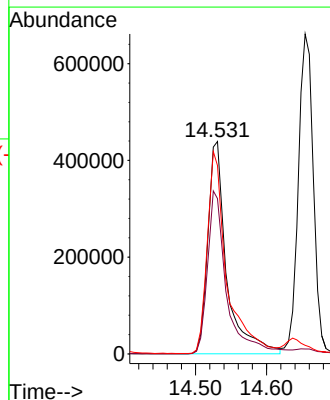
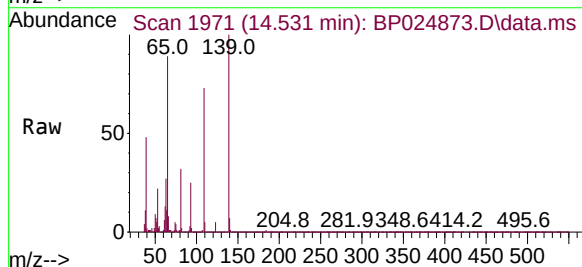
Tgt Ion:139 Resp: 809101

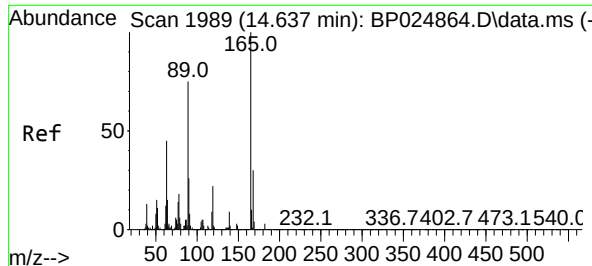
Ion Ratio Lower Upper

139 100

109 73.1 53.1 93.1

65 88.7 73.0 113.0

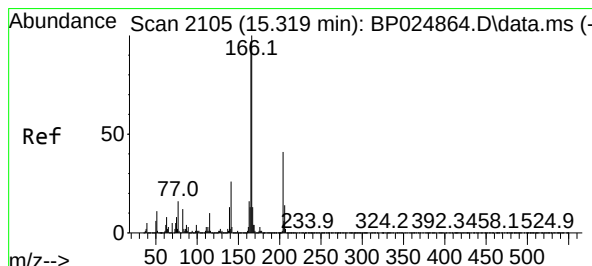
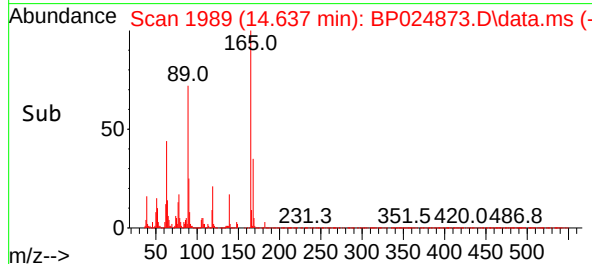
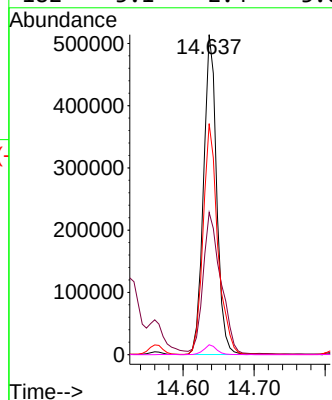
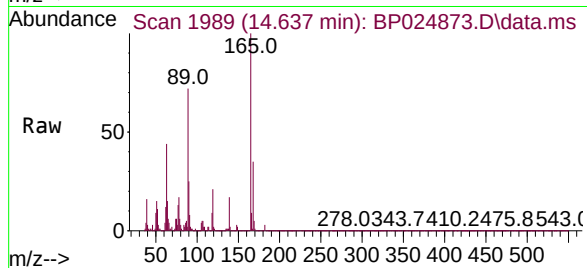




#57
2,4-Dinitrotoluene
Concen: 46.983 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

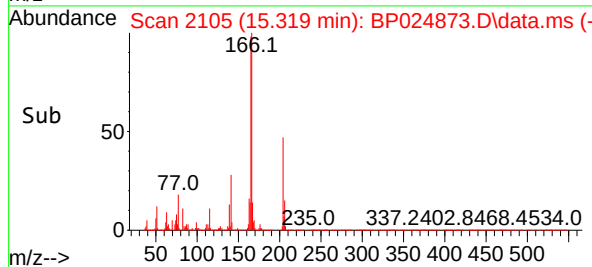
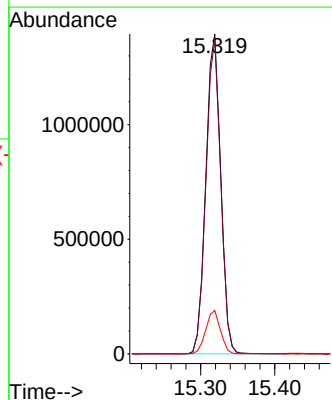
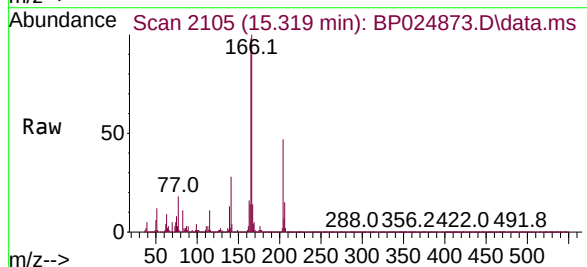
Instrument :
BNA_P
ClientSampleId :
PB168323BS

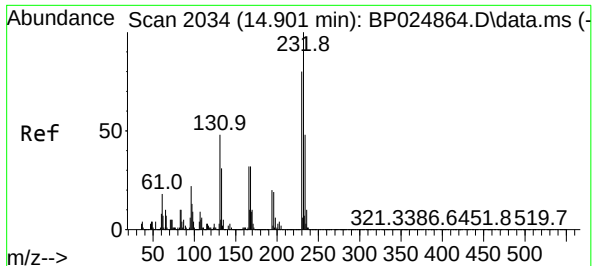
Tgt Ion:165 Resp: 656655
Ion Ratio Lower Upper
165 100
63 44.4 37.0 55.6
89 72.2 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 44.681 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:166 Resp: 1942620
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.912 ng

RT: 14.901 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

Tgt Ion:232 Resp: 537424

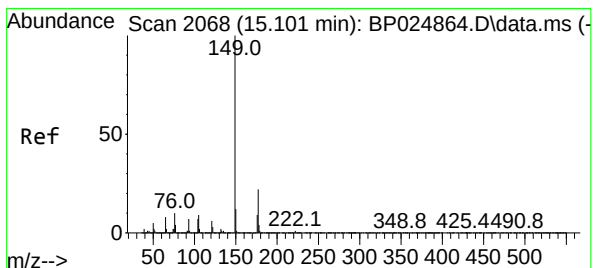
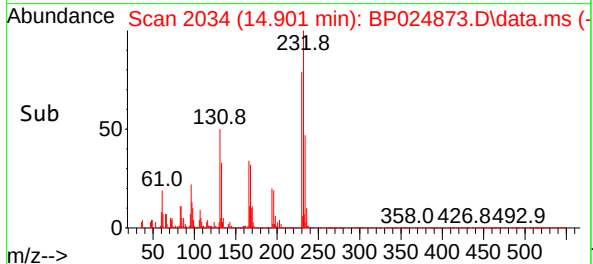
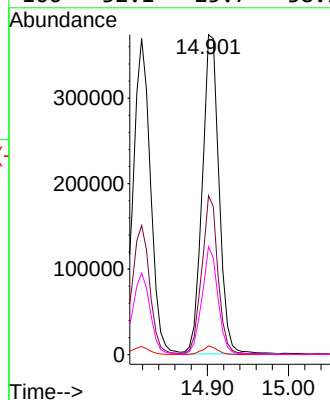
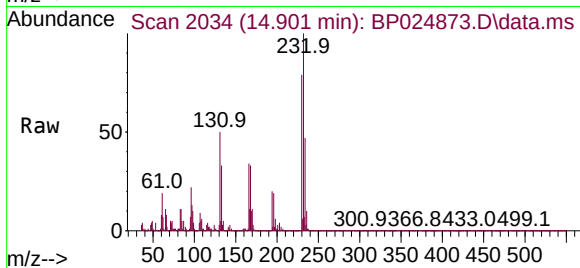
Ion Ratio Lower Upper

232 100

131 47.8 38.2 57.2

130 2.5 2.1 3.1

166 32.1 25.7 38.5



#60

Diethylphthalate

Concen: 44.293 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

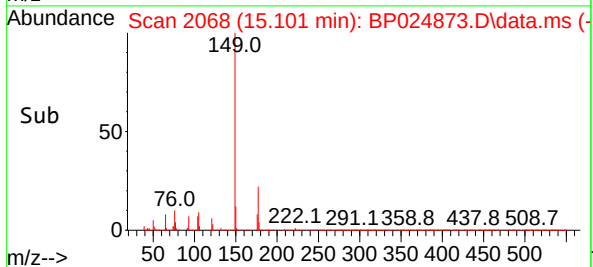
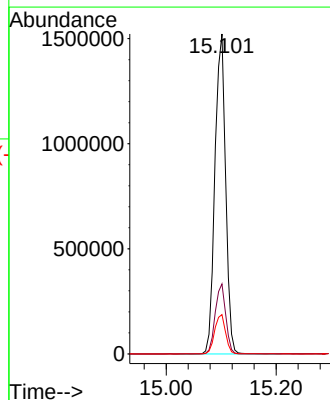
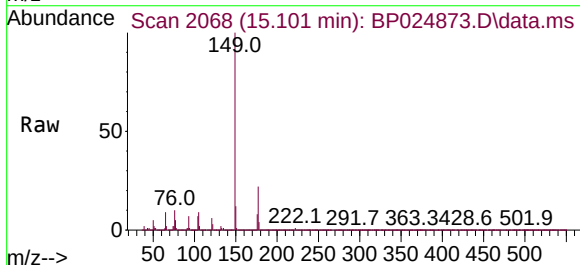
Tgt Ion:149 Resp: 2045901

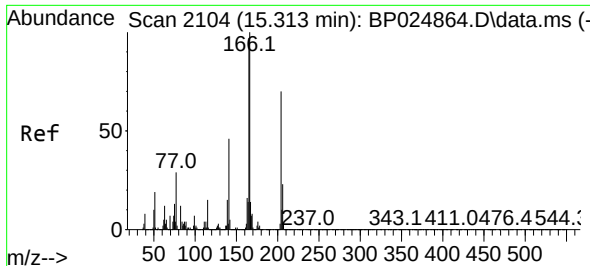
Ion Ratio Lower Upper

149 100

177 21.9 17.9 26.9

150 12.3 9.8 14.6

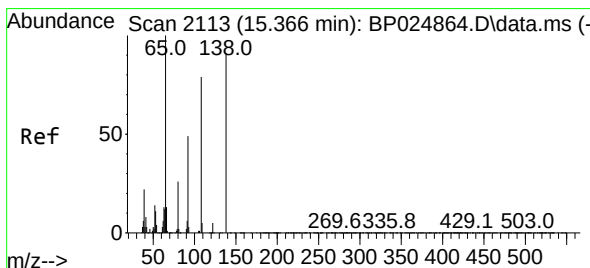
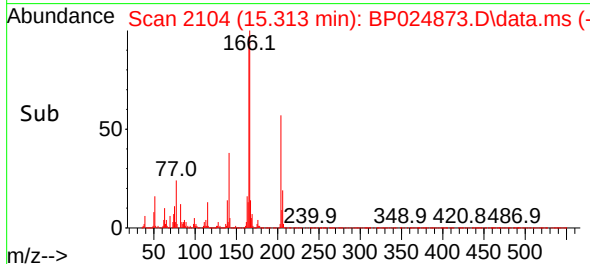
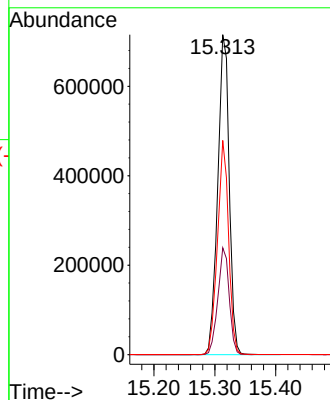
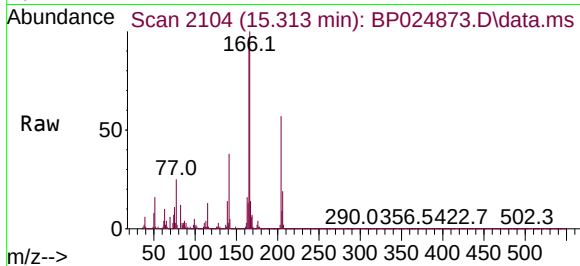




#61
4-Chlorophenyl-phenylether
Concen: 44.135 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

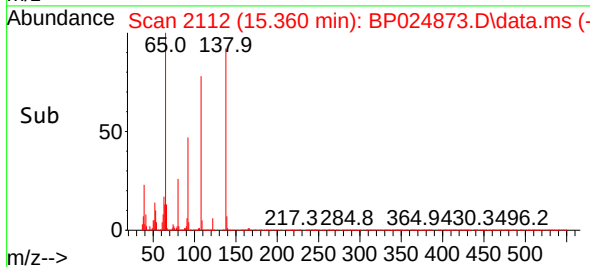
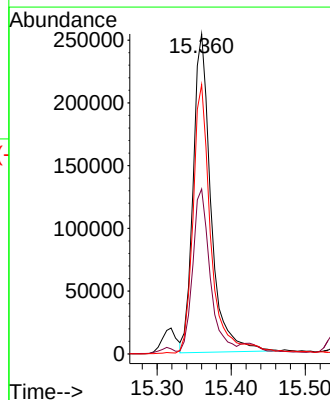
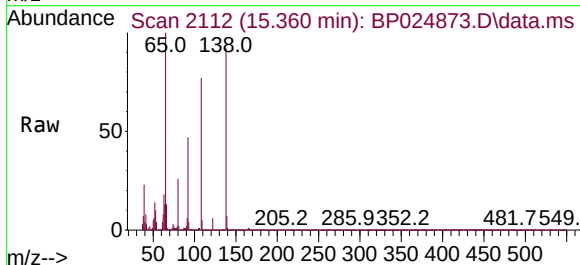
Instrument :
BNA_P
ClientSampleId :
PB168323BS

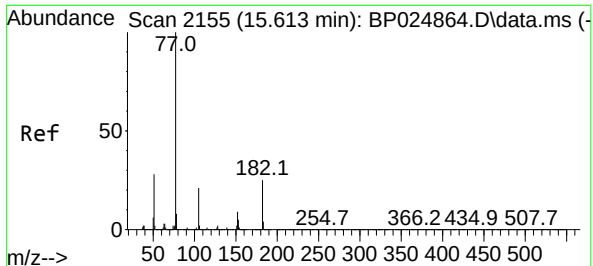
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	66.9	52.4	78.6



#62
4-Nitroaniline
Concen: 45.113 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	33.5	73.5
108	84.1	65.1	105.1

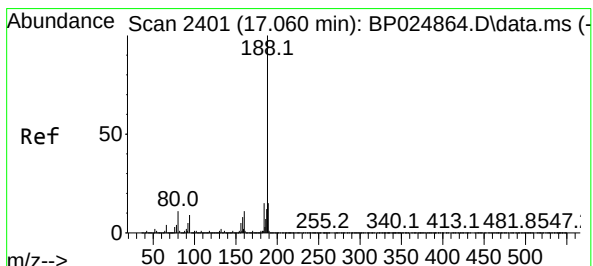
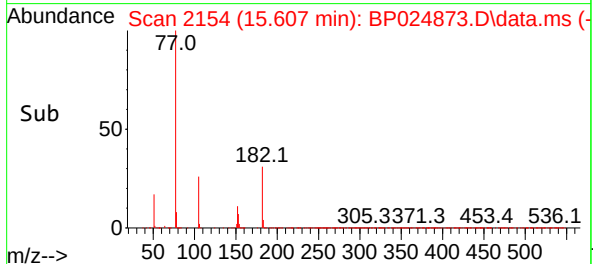
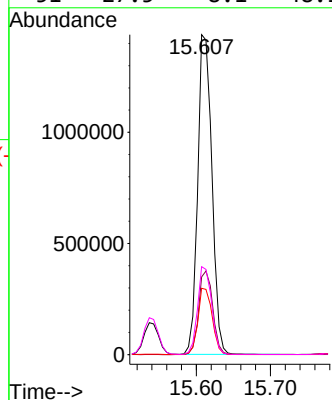
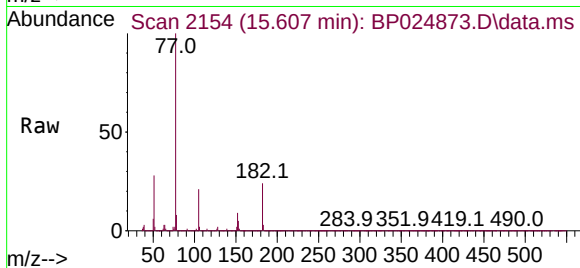




#63
Azobenzene
Concen: 45.227 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

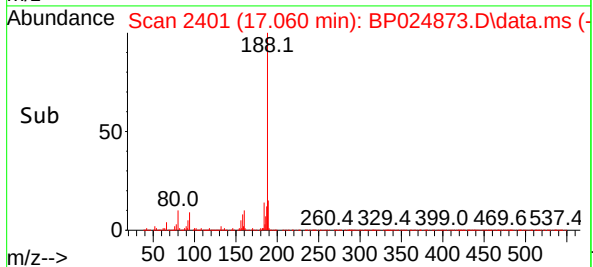
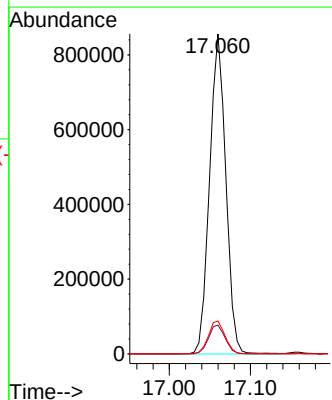
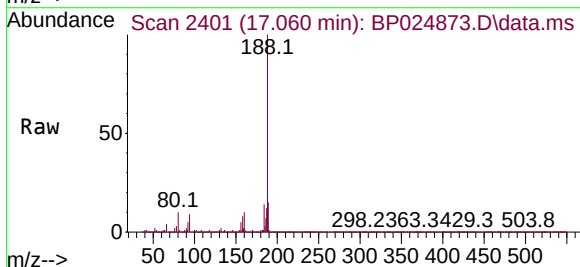
Instrument :
BNA_P
ClientSampleId :
PB168323BS

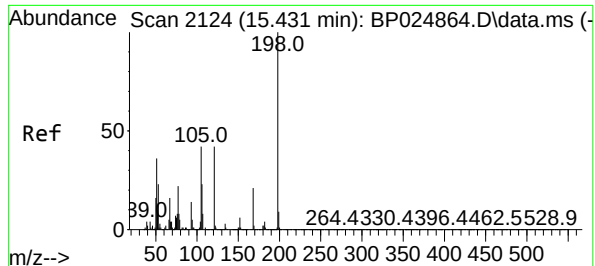
Tgt Ion: 77 Resp: 1915956
Ion Ratio Lower Upper
77 100
182 24.3 5.4 45.4
105 20.7 0.8 40.8
51 27.5 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 188 Resp: 1189376
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 10.3 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 48.450 ng

RT: 15.425 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

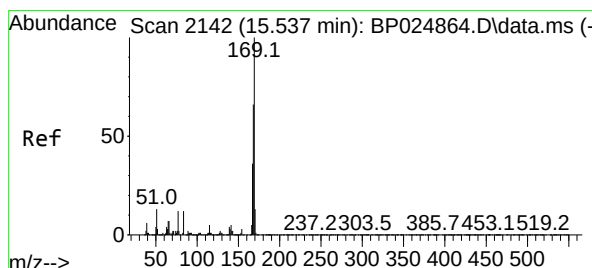
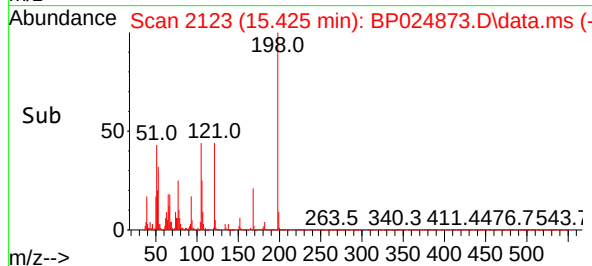
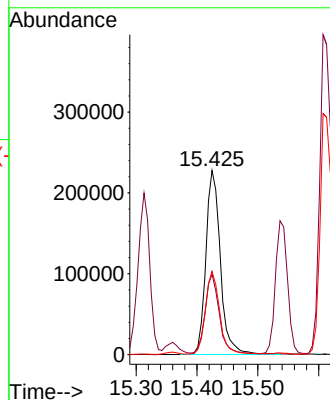
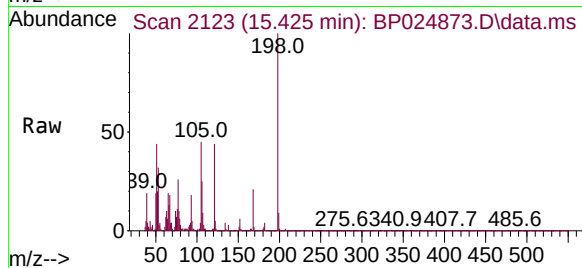
Tgt Ion:198 Resp: 378653

Ion Ratio Lower Upper

198 100

51 43.6 19.2 59.2

105 45.2 22.6 62.6



#66

n-Nitrosodiphenylamine

Concen: 46.833 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

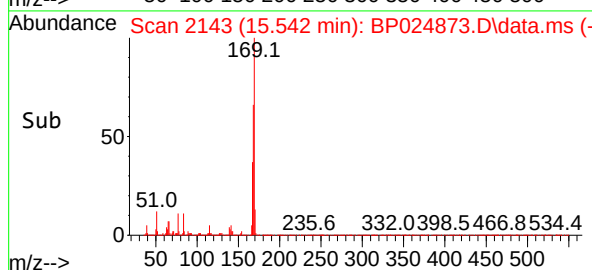
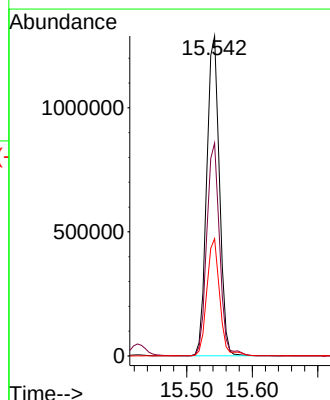
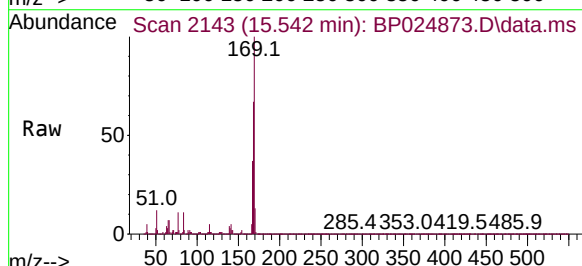
Tgt Ion:169 Resp: 1726506

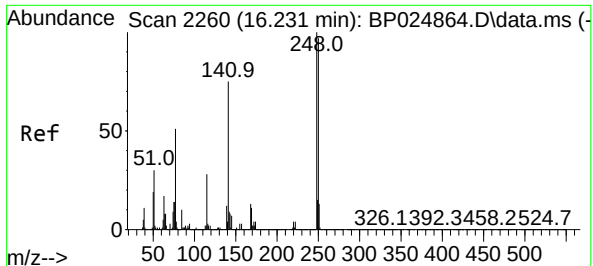
Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.6

167 36.6 28.6 43.0

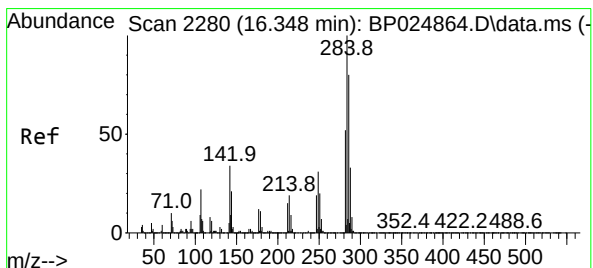
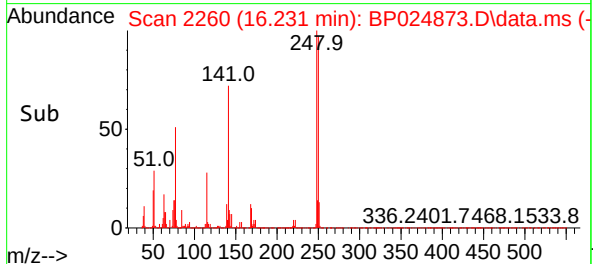
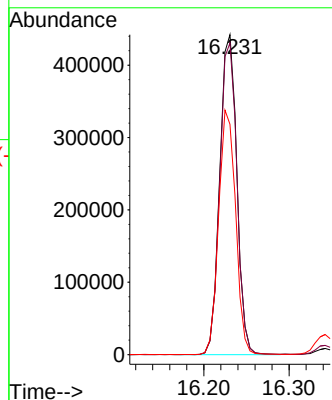
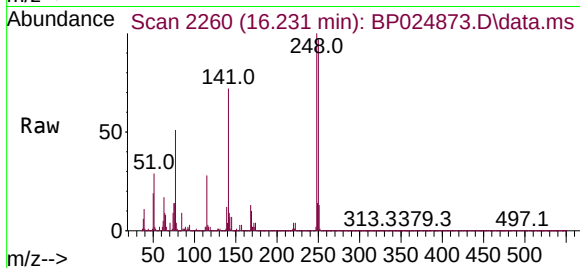




#67
4-Bromophenyl-phenylether
Concen: 45.760 ng
RT: 16.231 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

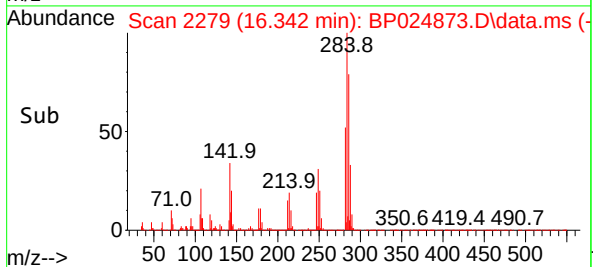
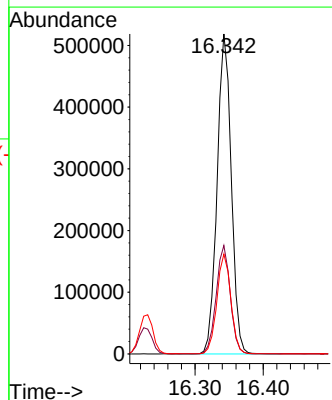
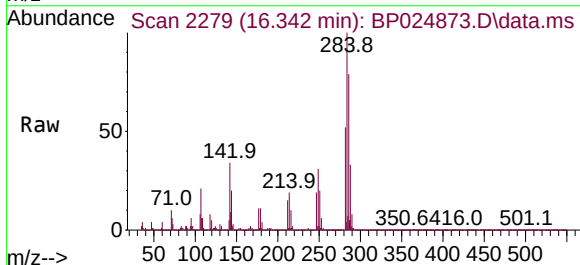
Instrument :
BNA_P
ClientSampleId :
PB168323BS

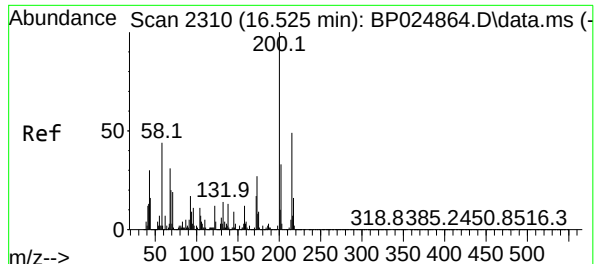
Tgt Ion:248 Resp: 614107
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 72.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 45.626 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:284 Resp: 742281
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 31.2 25.0 37.6





#69

Atrazine

Concen: 46.732 ng

RT: 16.525 min Scan# 2310

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

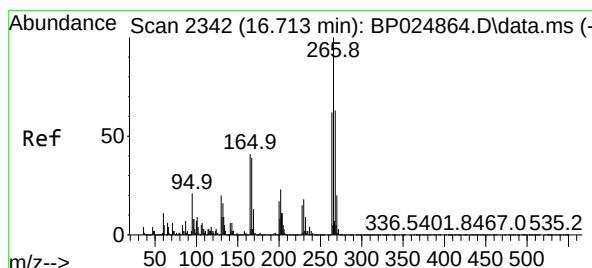
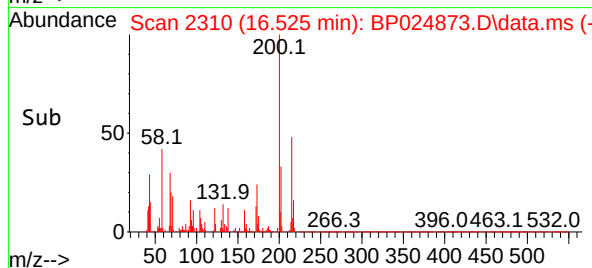
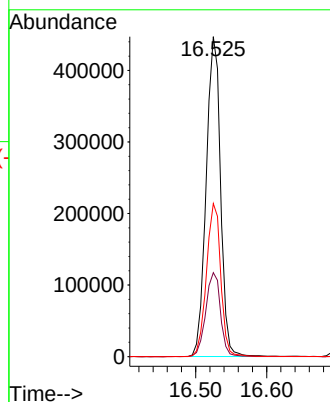
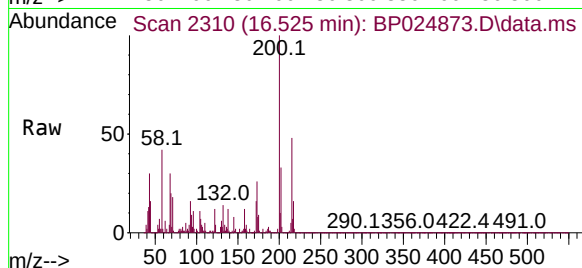
Tgt Ion:200 Resp: 624545

Ion Ratio Lower Upper

200 100

173 26.2 6.9 46.9

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 107.544 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

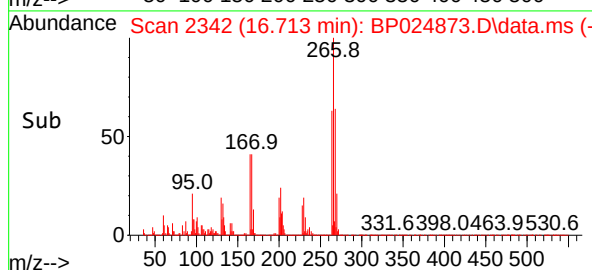
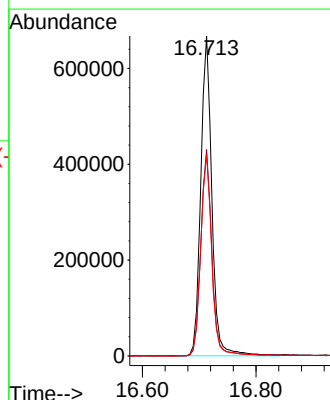
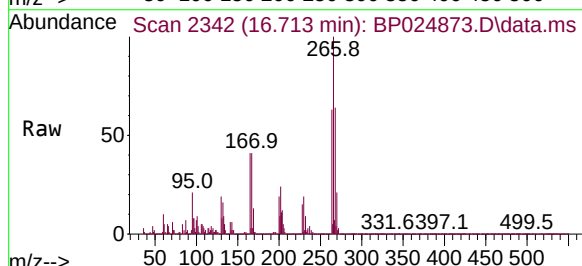
Tgt Ion:266 Resp: 905521

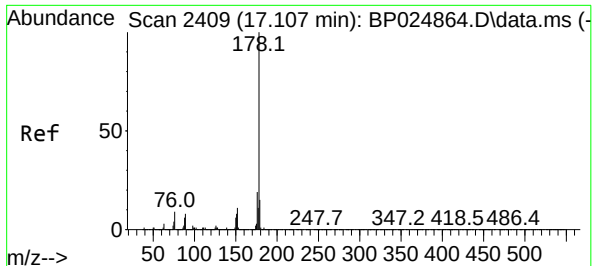
Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

264 63.0 49.7 74.5

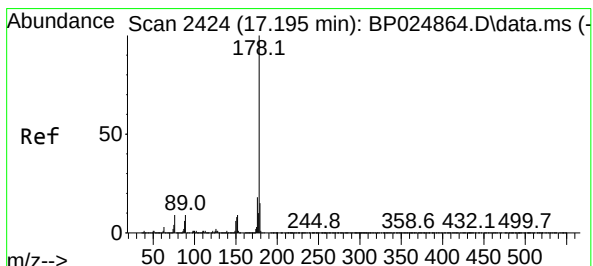
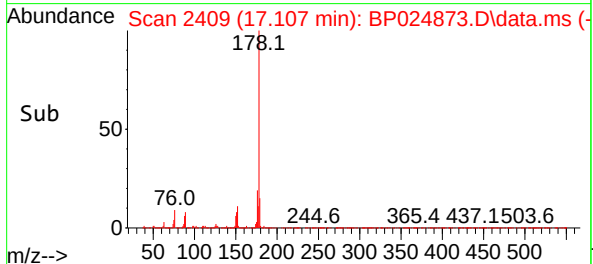
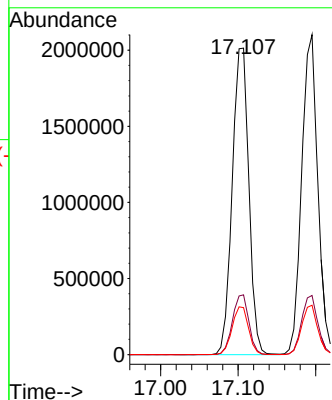
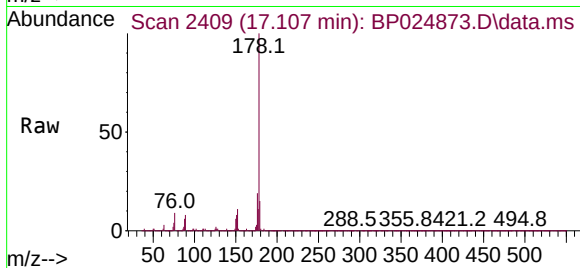




#71
Phenanthrene
Concen: 45.769 ng
RT: 17.107 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

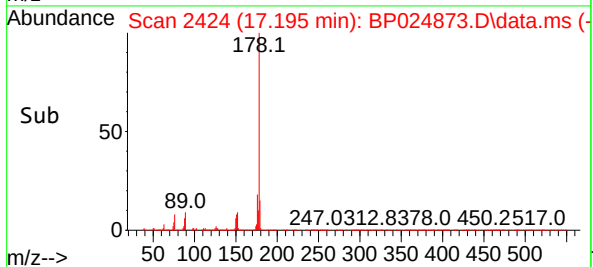
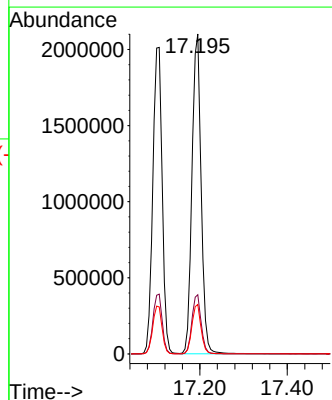
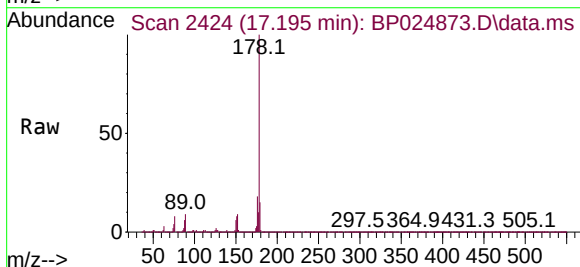
Instrument :
BNA_P
ClientSampleId :
PB168323BS

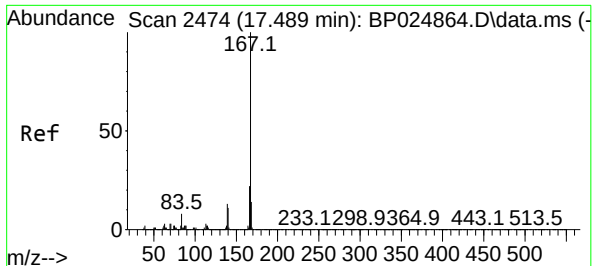
Tgt Ion:178 Resp: 3008256
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 12.1 18.1



#72
Anthracene
Concen: 46.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:178 Resp: 3062015
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.3 18.5

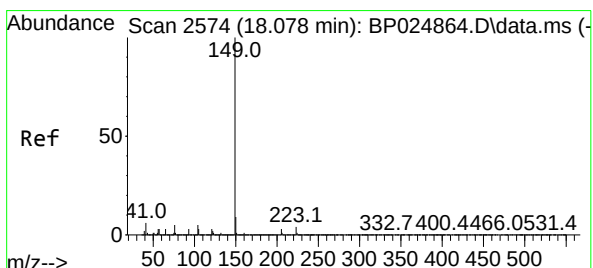
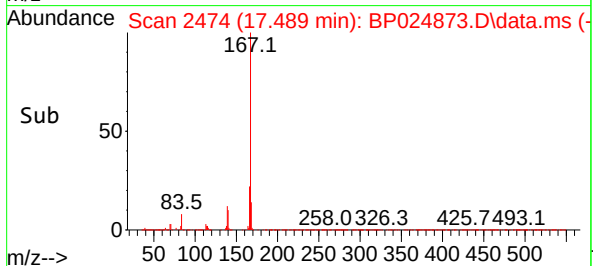
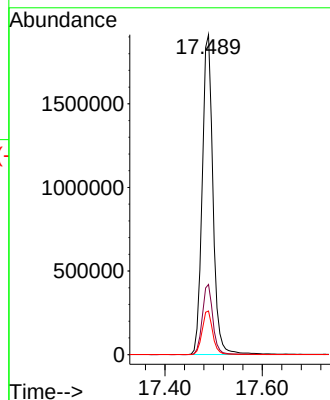
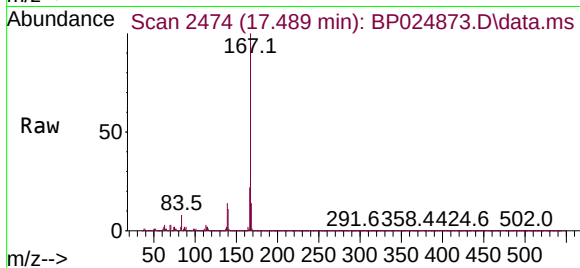




#73
 Carbazole
 Concen: 47.362 ng
 RT: 17.489 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

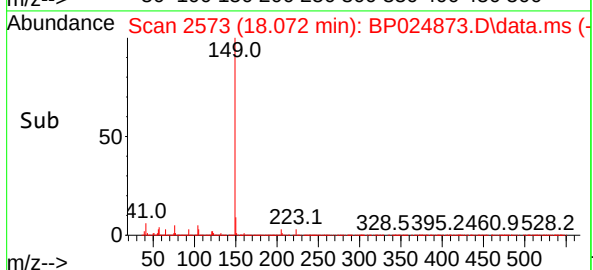
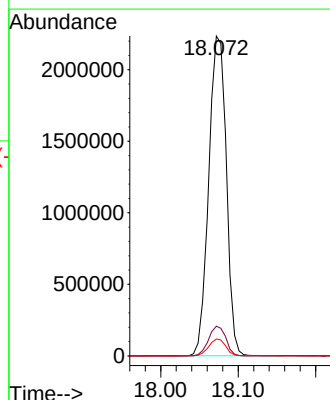
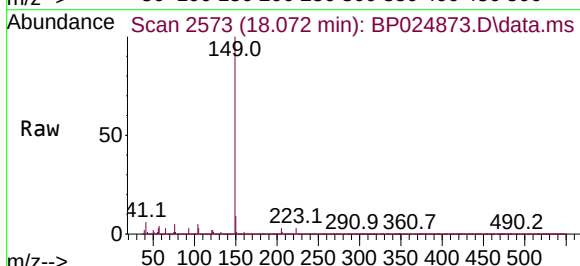
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

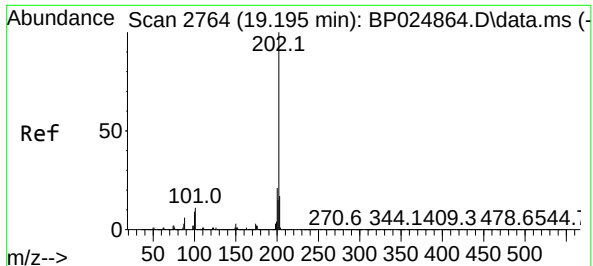
Tgt Ion:167 Resp: 2922226
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.080 ng
 RT: 18.072 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Tgt Ion:149 Resp: 3522628
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.2 6.2

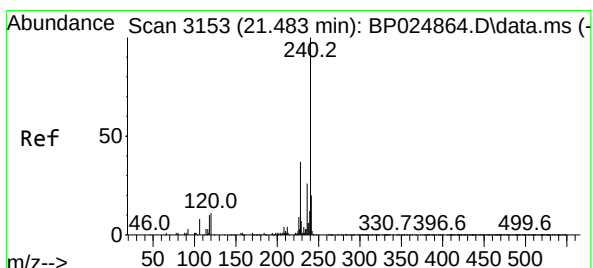
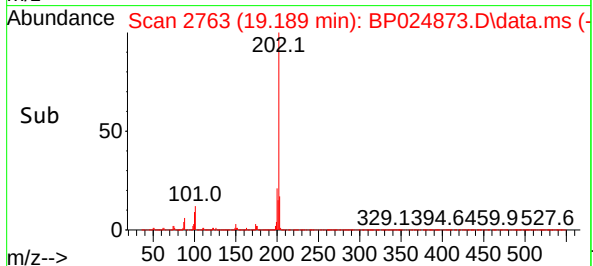
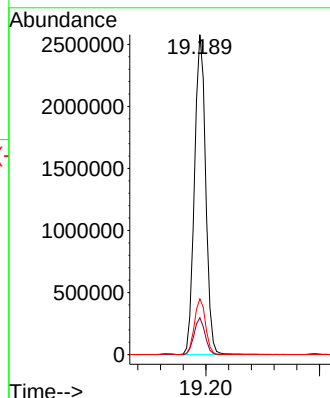
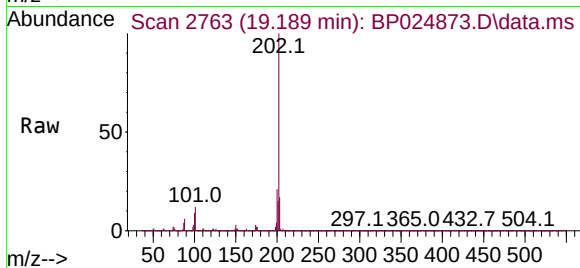




#75
Fluoranthene
Concen: 45.886 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

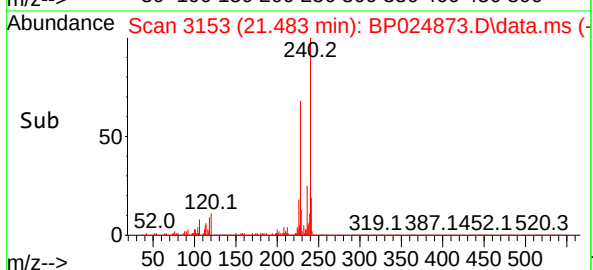
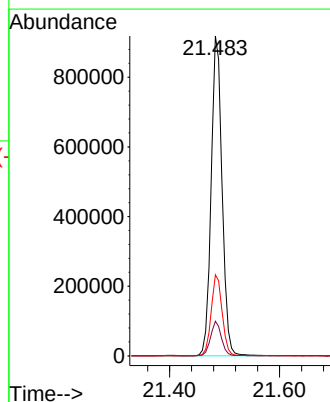
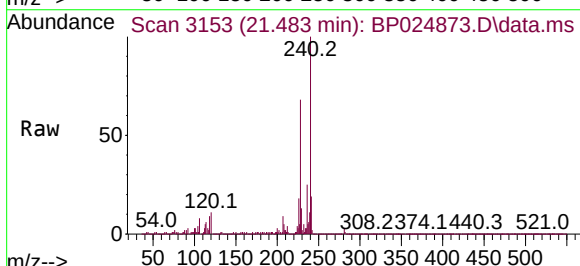
Instrument :
BNA_P
ClientSampleId :
PB168323BS

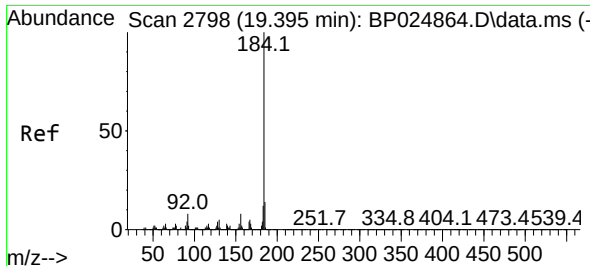
Tgt Ion:202 Resp: 3495628
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:240 Resp: 1268867
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.3 20.9 31.3

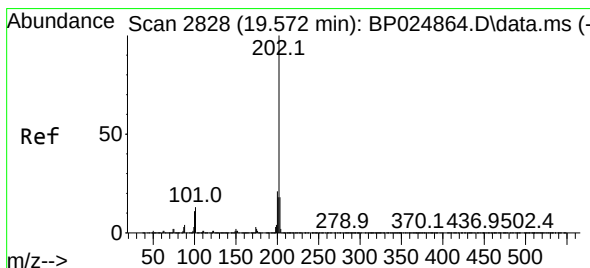
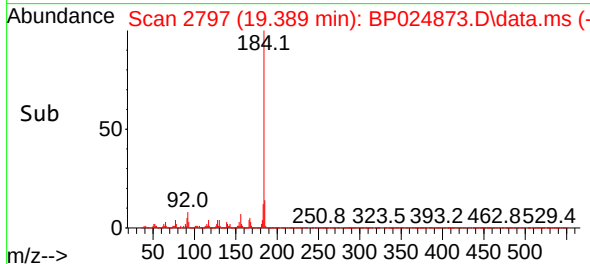
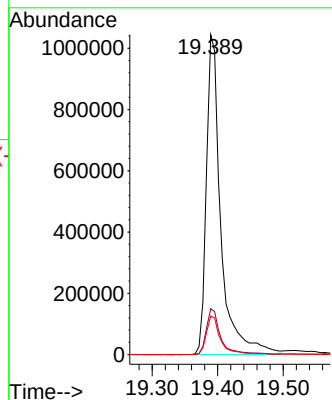
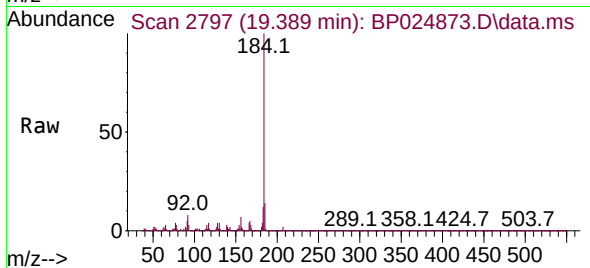




#77
Benzidine
Concen: 40.763 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

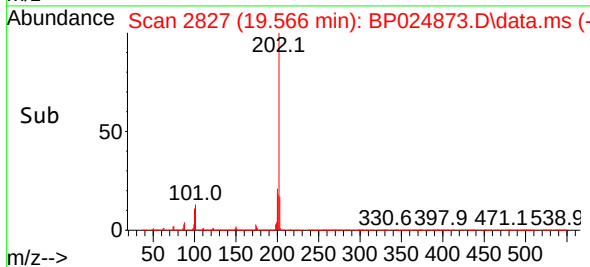
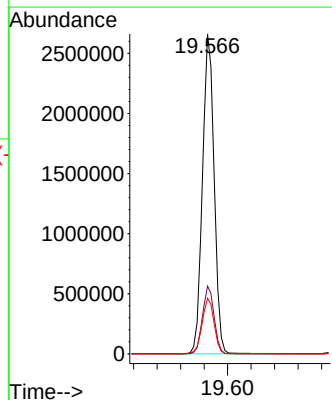
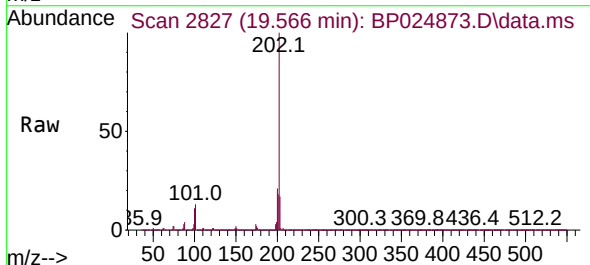
Instrument :
BNA_P
ClientSampleId :
PB168323BS

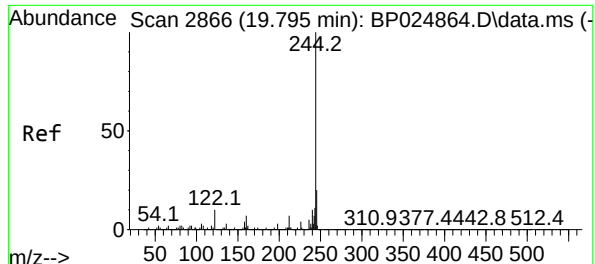
Tgt Ion:184 Resp: 1601949
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.0 9.5 14.3



#78
Pyrene
Concen: 46.249 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:202 Resp: 3666214
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 79.230 ng

RT: 19.777 min Scan# 2863

Delta R.T. -0.018 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

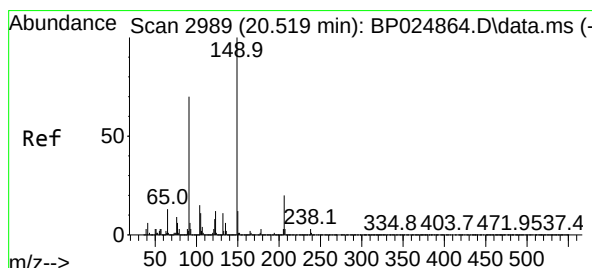
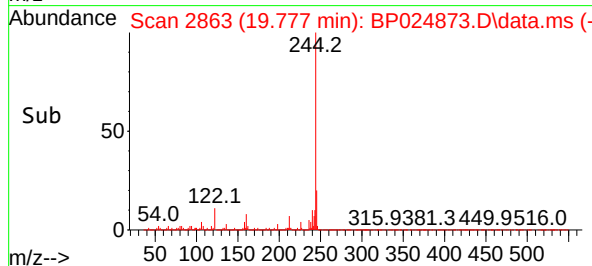
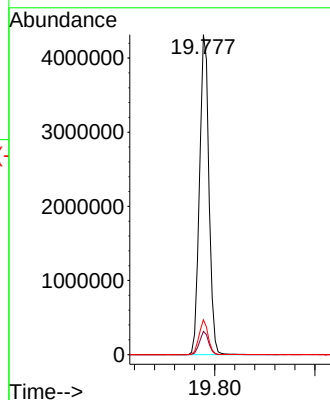
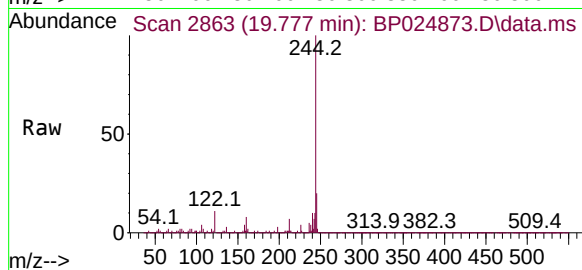
Tgt Ion:244 Resp: 5609281

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.9 7.7 11.5



#80

Butylbenzylphthalate

Concen: 46.444 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

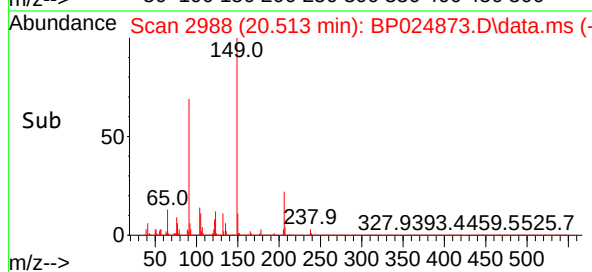
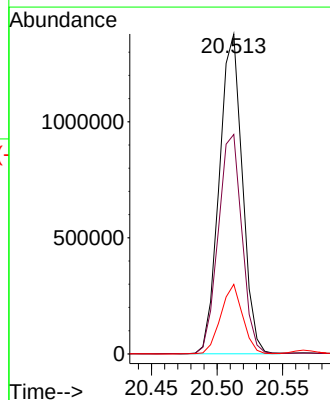
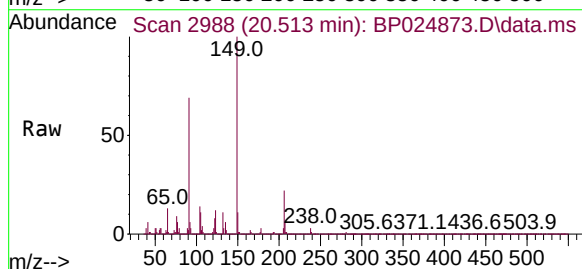
Tgt Ion:149 Resp: 1686399

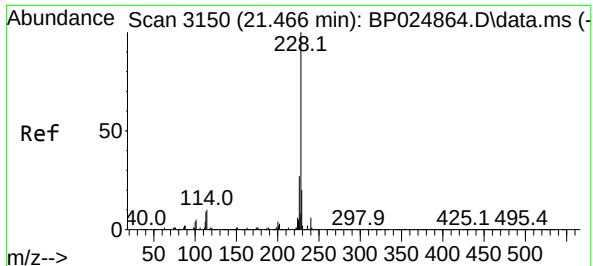
Ion Ratio Lower Upper

149 100

91 68.6 55.8 83.8

206 21.7 16.2 24.2

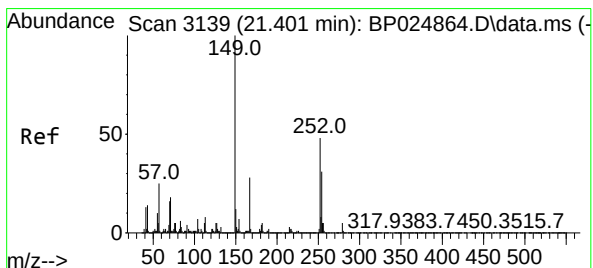
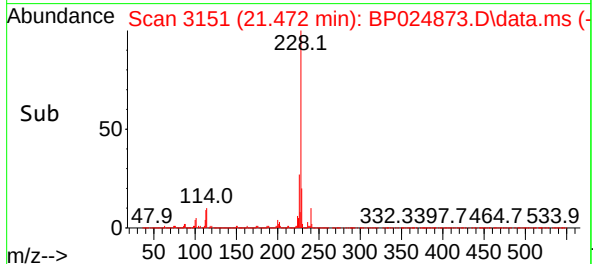
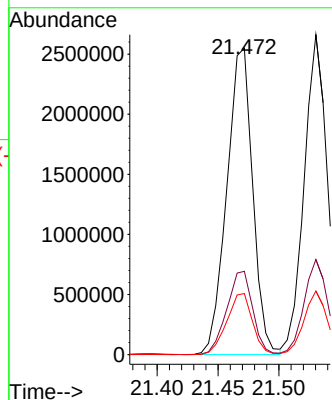
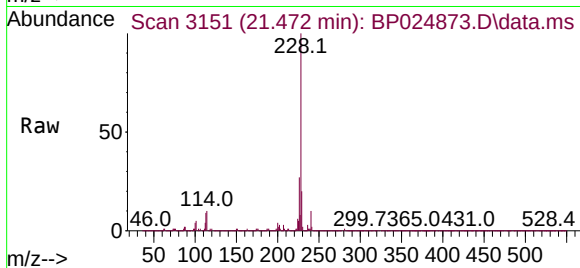




#81
Benzo(a)anthracene
Concen: 46.589 ng
RT: 21.472 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

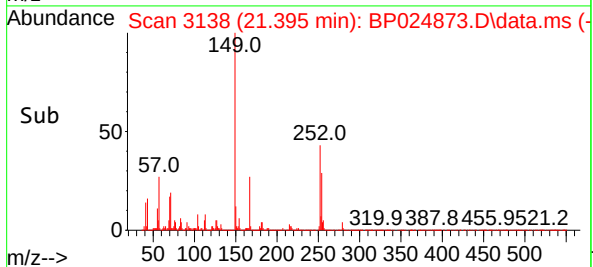
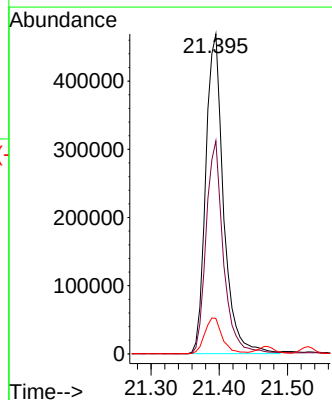
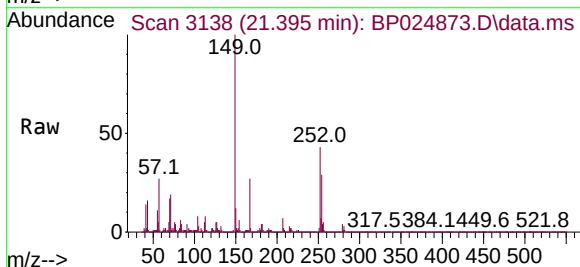
Instrument :
BNA_P
ClientSampleId :
PB168323BS

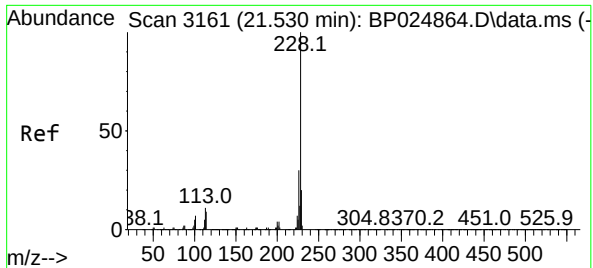
Tgt Ion:228 Resp: 3780920
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 26.391 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:252 Resp: 850267
Ion Ratio Lower Upper
252 100
254 66.6 51.2 76.8
126 11.1 8.6 12.8





#83

Chrysene

Concen: 46.428 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

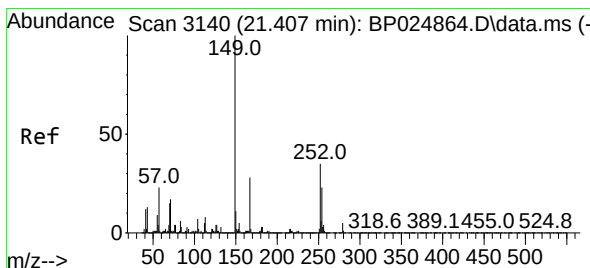
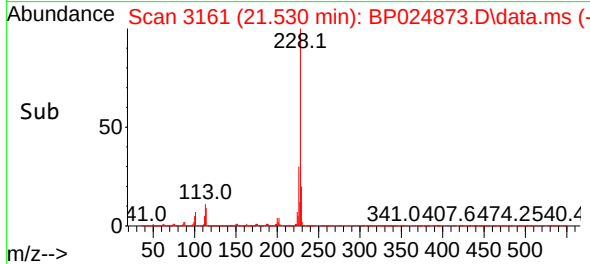
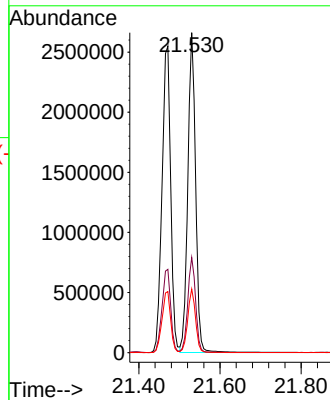
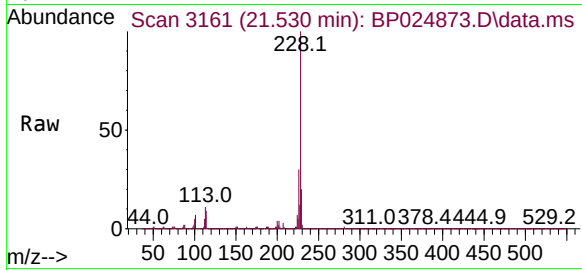
Tgt Ion:228 Resp: 3570095

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.541 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

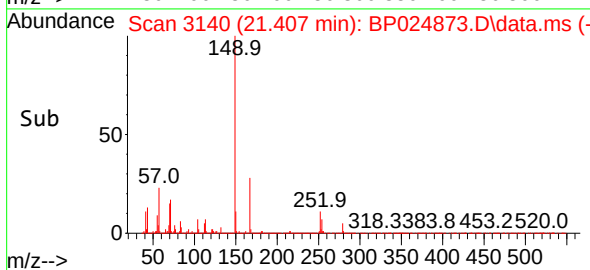
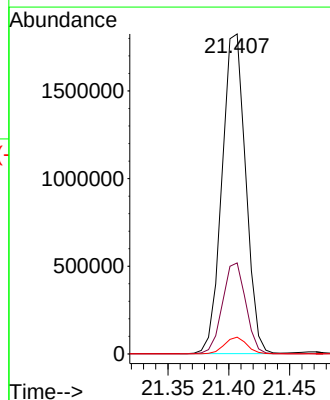
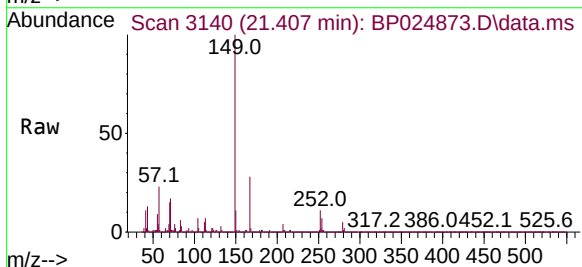
Tgt Ion:149 Resp: 2473280

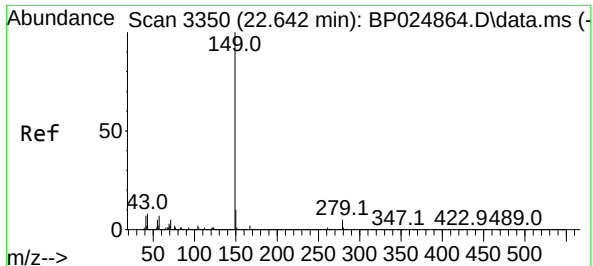
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.2 4.0 6.0

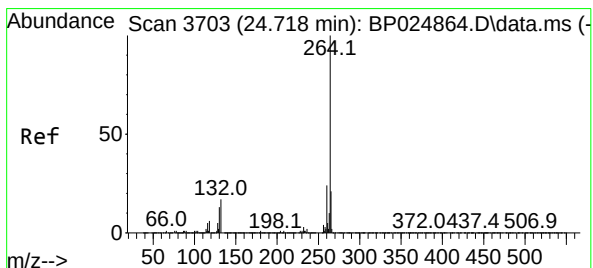
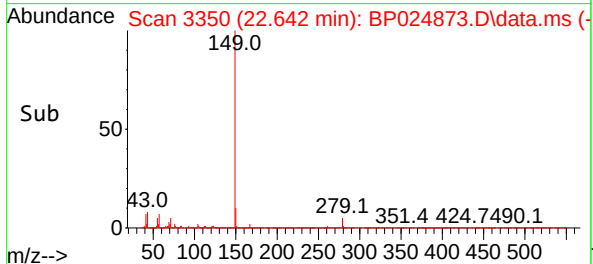
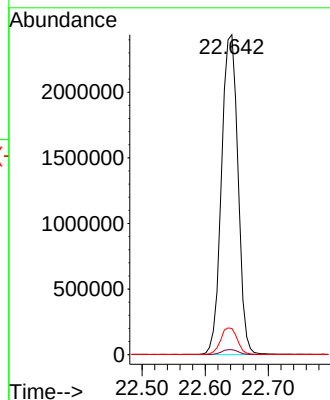
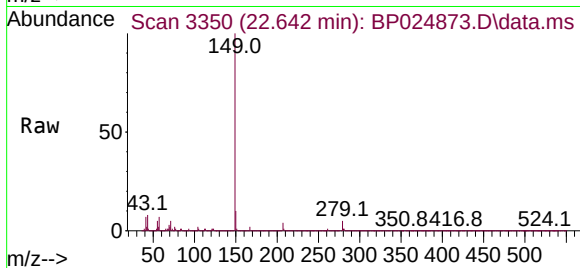




#85
Di-n-octyl phthalate
Concen: 48.117 ng
RT: 22.642 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

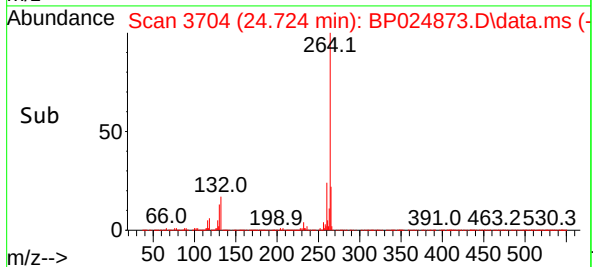
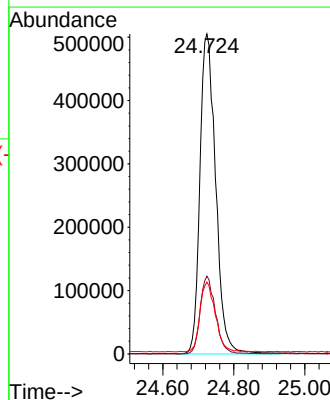
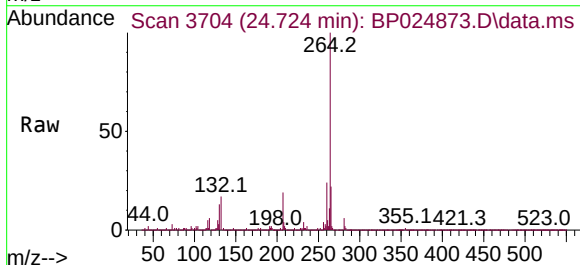
Instrument :
BNA_P
ClientSampleId :
PB168323BS

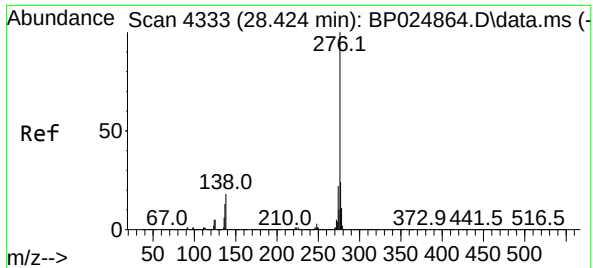
Tgt Ion:149 Resp: 4412263
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:264 Resp: 1547954
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.4 17.4 26.0

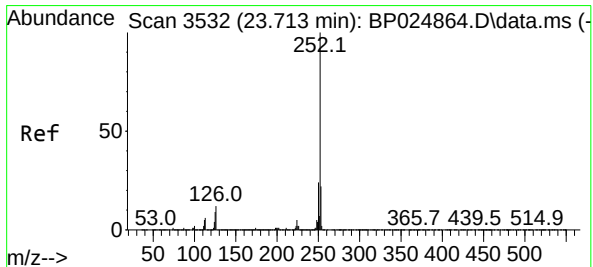
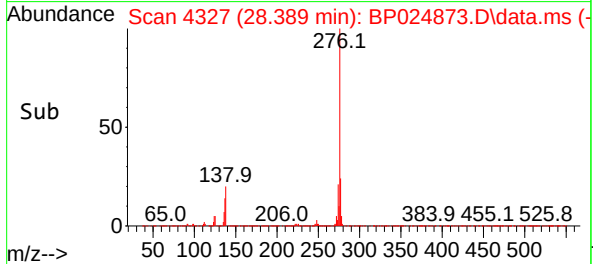
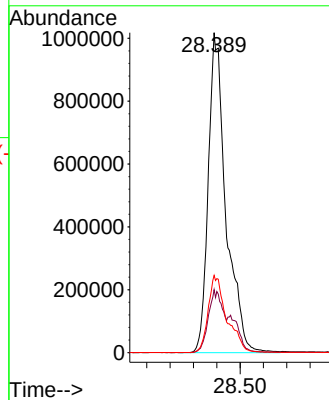
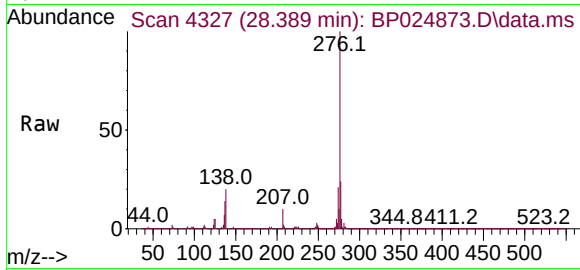




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.356 ng
RT: 28.389 min Scan# 4333
Delta R.T. -0.035 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

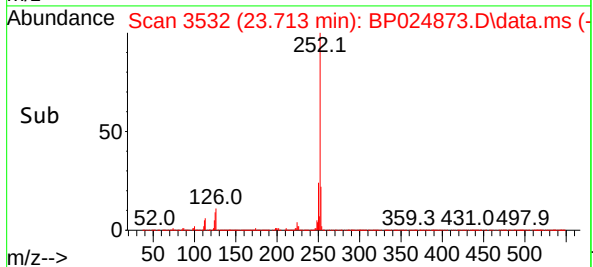
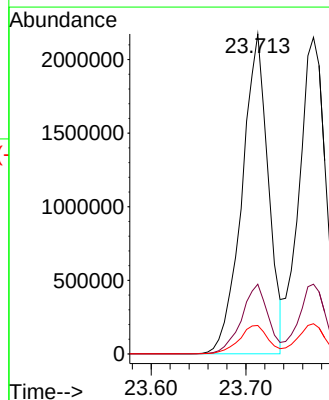
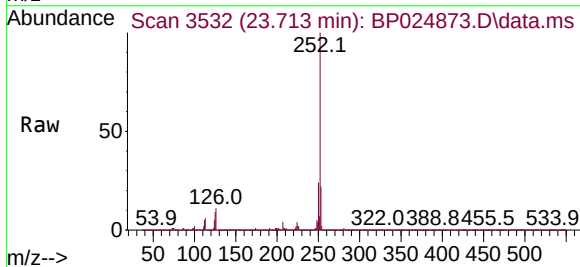
Instrument :
BNA_P
ClientSampleId :
PB168323BS

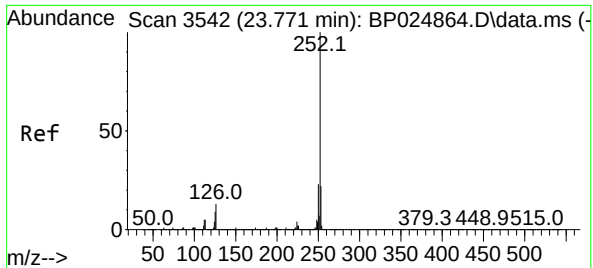
Tgt Ion:276 Resp: 5348458
Ion Ratio Lower Upper
276 100
138 16.3 18.6 27.8#
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 47.301 ng
RT: 23.713 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:252 Resp: 4190360
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.480 ng

RT: 23.771 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

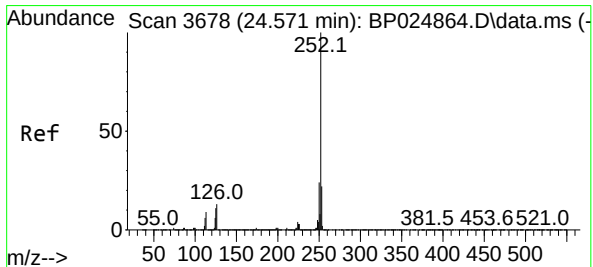
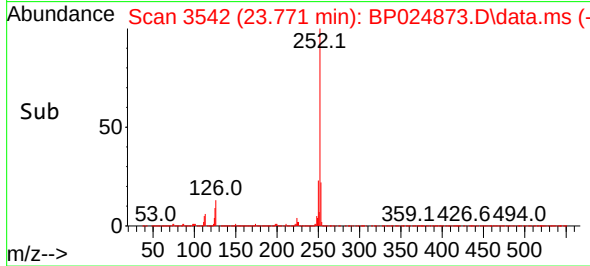
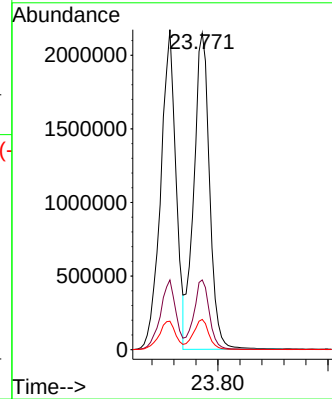
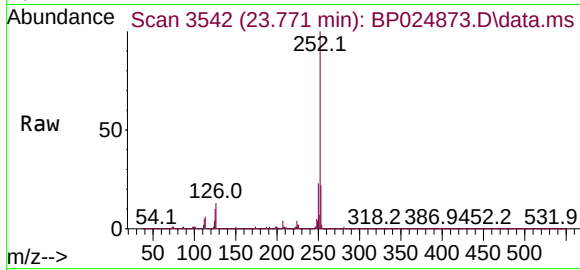
Tgt Ion:252 Resp: 4281583

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.699 ng

RT: 24.577 min Scan# 3679

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

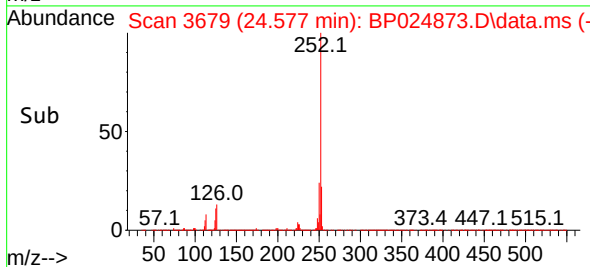
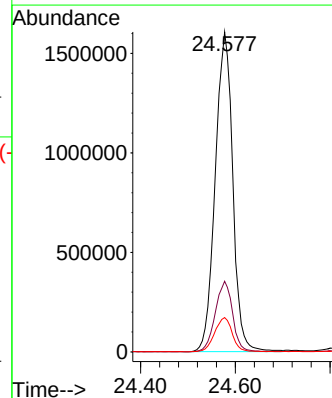
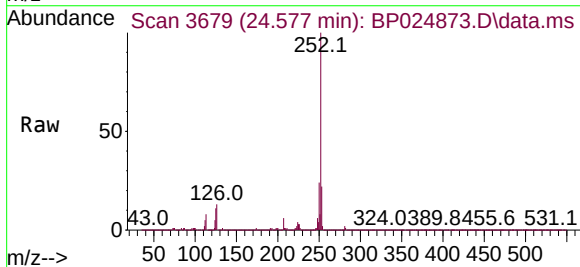
Tgt Ion:252 Resp: 4126678

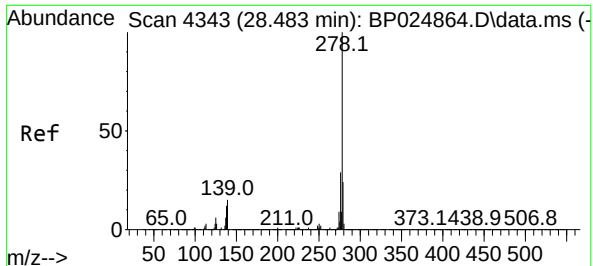
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.8 8.8 13.2

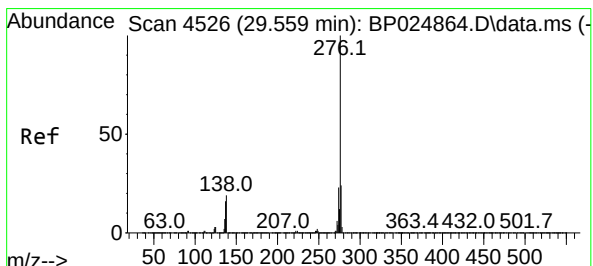
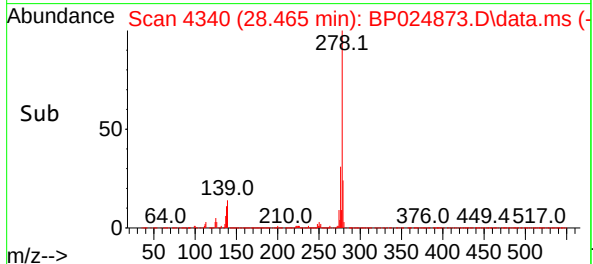
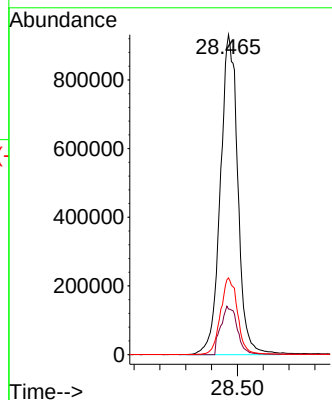
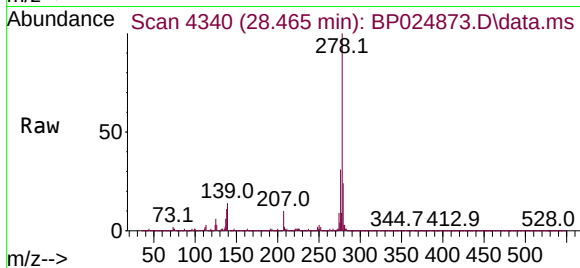




#91
Dibenzo(a,h)anthracene
Concen: 47.615 ng
RT: 28.465 min Scan# 4343
Delta R.T. -0.018 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

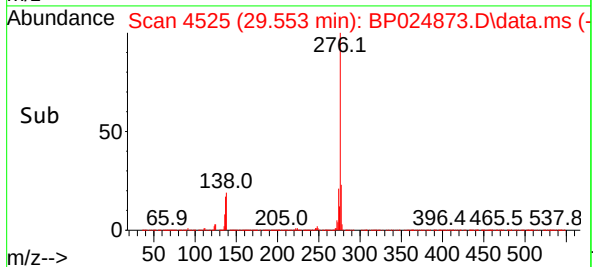
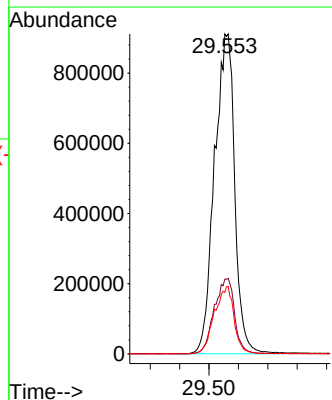
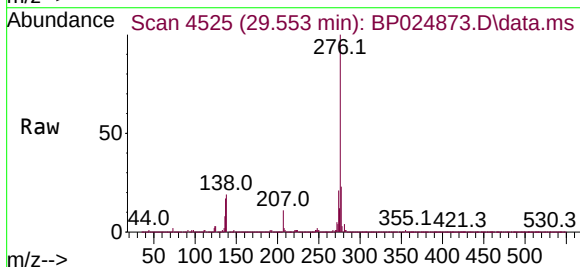
Instrument :
BNA_P
ClientSampleId :
PB168323BS

Tgt Ion:278 Resp: 4377382
Ion Ratio Lower Upper
278 100
139 14.2 12.0 18.0
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.614 ng
RT: 29.553 min Scan# 4525
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:276 Resp: 4343110
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 19.2 15.4 23.2



Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2230
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	42.7		0.52	5.20	ug/L
208-96-8	Acenaphthylene	50.7		0.78	5.20	ug/L
83-32-9	Acenaphthene	52.1		0.57	5.20	ug/L
86-73-7	Fluorene	53.8		0.66	5.20	ug/L
85-01-8	Phenanthrene	53.7		0.52	5.20	ug/L
120-12-7	Anthracene	53.8		0.64	5.20	ug/L
206-44-0	Fluoranthene	57.7		0.85	5.20	ug/L
129-00-0	Pyrene	51.4		0.52	5.20	ug/L
56-55-3	Benzo(a)anthracene	54.6		0.47	5.20	ug/L
218-01-9	Chrysene	53.4		0.46	5.20	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	54.1		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.3		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.5		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	56.4		0.72	5.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.5		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		52 - 132	86%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000		7.608		
1146-65-2	Naphthalene-d8	938000		10.372		
15067-26-2	Acenaphthene-d10	608000		14.248		
1517-22-2	Phenanthrene-d10	1240000		17.042		
1719-03-5	Chrysene-d12	1490000		21.471		
1520-96-3	Perylene-d12	1840000		24.713		

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2230
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
 Data File : BP024879.D
 Acq On : 09 Jun 2025 16:14
 Operator : RC/JU
 Sample : Q2230-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:37:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	226271	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	937705	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	608220	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1235201	20.000	ng	-0.02
76) Chrysene-d12	21.471	240	1490396	20.000	ng	-0.01
86) Perylene-d12	24.713	264	1839742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1074133	79.239	ng	0.00
7) Phenol-d6	6.813	99	910001	50.737	ng	0.00
23) Nitrobenzene-d5	8.755	82	1746878	90.525	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1358561	161.561	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3865377	85.613	ng	0.00
79) Terphenyl-d14	19.772	244	6686167	80.403	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	103583	17.366	ng	98
3) Pyridine	3.567	79	219668	15.314	ng	99
4) n-Nitrosodimethylamine	3.472	42	133962	22.843	ng	# 97
6) Aniline	6.949	93	639123	27.923	ng	99
8) 2-Chlorophenol	7.184	128	670519	43.633	ng	99
9) Benzaldehyde	6.761	77	392669	37.983	ng	# 78
10) Phenol	6.837	94	339071	18.338	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	715637	49.210	ng	99
12) 1,3-Dichlorobenzene	7.496	146	416765	24.311	ng	97
13) 1,4-Dichlorobenzene	7.643	146	432880	25.026	ng	99
14) 1,2-Dichlorobenzene	7.949	146	451268	26.568	ng	99
15) Benzyl Alcohol	7.855	79	501705	36.448	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.119	45	819608	43.061	ng	100
17) 2-Methylphenol	8.066	107	478615	37.069	ng	99
18) Hexachloroethane	8.666	117	155606m	23.894	ng	
19) n-Nitroso-di-n-propyla...	8.407	70	589747	48.369	ng	99
20) 3+4-Methylphenols	8.390	107	696463	39.537	ng	96
22) Acetophenone	8.425	105	1270478	53.626	ng	98
24) Nitrobenzene	8.802	77	903653	52.712	ng	100
25) Isophorone	9.319	82	1657547	49.562	ng	100
26) 2-Nitrophenol	9.502	139	428106	50.612	ng	100
27) 2,4-Dimethylphenol	9.572	122	669434	46.243	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	999092	50.080	ng	100
29) 2,4-Dichlorophenol	10.049	162	707035	50.902	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	516309	32.956	ng	98
31) Naphthalene	10.419	128	1968432	40.963	ng	99
32) Benzoic acid	9.731	122	287683	29.408	ng	97
33) 4-Chloroaniline	10.549	127	606221	30.111	ng	100
34) Hexachlorobutadiene	10.701	225	262066	27.754	ng	99
35) Caprolactam	11.384	113	57413	11.229	ng	91
36) 4-Chloro-3-methylphenol	11.696	107	778238	48.575	ng	99
37) 2-Methylnaphthalene	12.043	142	1423955	46.715	ng	100
38) 1-Methylnaphthalene	12.260	142	1532980	47.041	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	772203	44.743	ng	100
41) Hexachlorocyclopentadiene	12.390	237	634443	60.270	ng	98
43) 2,4,6-Trichlorophenol	12.672	196	619974	53.491	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024879.D
 Acq On : 09 Jun 2025 16:14
 Operator : RC/JU
 Sample : Q2230-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:37:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	689722	55.567	ng	99
46) 1,1'-Biphenyl	13.066	154	2130271	48.195	ng	99
47) 2-Chloronaphthalene	13.113	162	1586923	46.713	ng	99
48) 2-Nitroaniline	13.331	65	513858	49.201	ng	98
49) Acenaphthylene	13.966	152	2758277	48.695	ng	100
50) Dimethylphthalate	13.707	163	2326607	51.855	ng	99
51) 2,6-Dinitrotoluene	13.831	165	520460	53.809	ng	98
52) Acenaphthene	14.313	154	1623696	50.024	ng	100
53) 3-Nitroaniline	14.172	138	327021	32.579	ng	97
54) 2,4-Dinitrophenol	14.390	184	631766	98.895	ng	97
55) Dibenzofuran	14.654	168	2632901	50.534	ng	99
56) 4-Nitrophenol	14.531	139	373587	46.400	ng	96
57) 2,4-Dinitrotoluene	14.637	165	781392	57.752	ng	94
58) Fluorene	15.313	166	2173195	51.633	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	614576	55.416	ng	99
60) Diethylphthalate	15.089	149	2433354	54.419	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	1058252	51.423	ng	99
62) 4-Nitroaniline	15.354	138	410751	45.131	ng	92
63) Azobenzene	15.607	77	2201630	53.685	ng	98
65) 4,6-Dinitro-2-methylph...	15.413	198	417305	51.415	ng	98
66) n-Nitrosodiphenylamine	15.537	169	1925767	50.300	ng	100
67) 4-Bromophenyl-phenylether	16.219	248	709283	50.892	ng	99
68) Hexachlorobenzene	16.336	284	866860	51.306	ng	95
69) Atrazine	16.513	200	769920	55.473	ng	99
70) Pentachlorophenol	16.701	266	1182979	135.284	ng	99
71) Phenanthrene	17.089	178	3521952	51.597	ng	99
72) Anthracene	17.183	178	3572743	51.681	ng	100
73) Carbazole	17.466	167	3563378	55.611	ng	99
74) Di-n-butylphthalate	18.048	149	4450239	56.055	ng	100
75) Fluoranthene	19.172	202	4382489	55.394	ng	99
77) Benzidine	19.395	184	20413m	0.442	ng	
78) Pyrene	19.542	202	4596154	49.362	ng	100
80) Butylbenzylphthalate	20.501	149	2325334	54.521	ng	96
81) Benzo(a)anthracene	21.448	228	4992990	52.380	ng	100
82) 3,3'-Dichlorobenzidine	21.377	252	694512	18.352	ng	99
83) Chrysene	21.519	228	4628895	51.249	ng	99
84) Bis(2-ethylhexyl)phtha...	21.383	149	3362786	55.031	ng	99
85) Di-n-octyl phthalate	22.624	149	6039039	56.069	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	7251483	54.022	ng	# 94
88) Benzo(b)fluoranthene	23.695	252	5677984	53.928	ng	99
89) Benzo(k)fluoranthene	23.760	252	5461372	50.958	ng	99
90) Benzo(a)pyrene	24.565	252	5342607	51.959	ng	99
91) Dibenzo(a,h)anthracene	28.465	278	6032384	55.211	ng	100
92) Benzo(g,h,i)perylene	29.536	276	5867002	54.120	ng	99

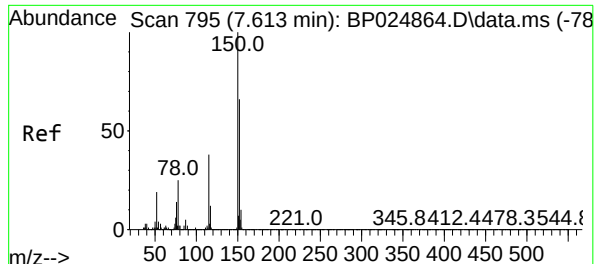
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Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED

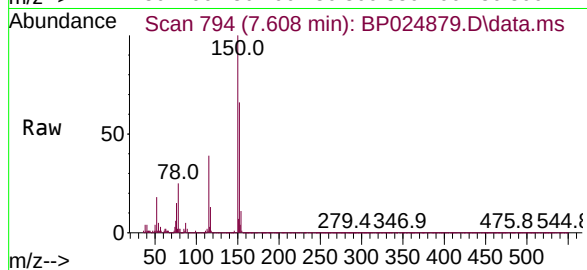
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

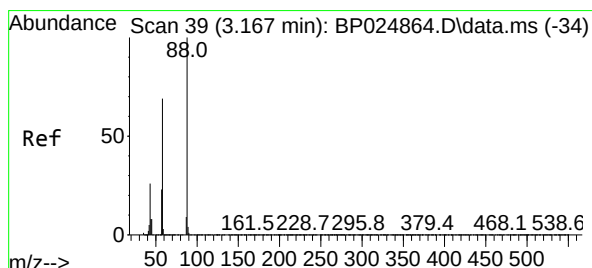
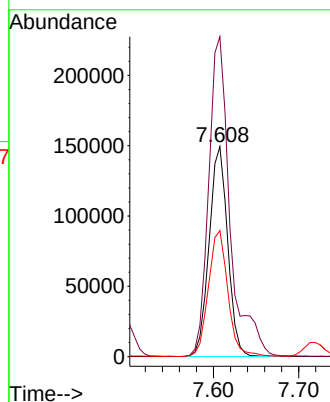
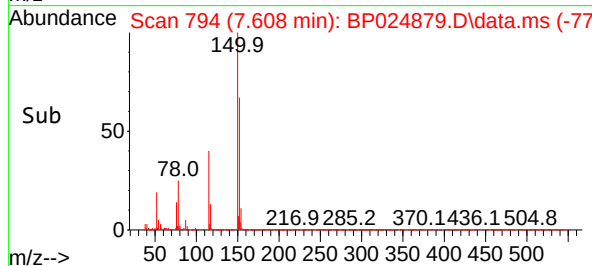
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 152 Resp: 22627
Ion Ratio Lower Upper
152 100
150 152.4 122.1 183.1
115 60.1 46.4 69.6

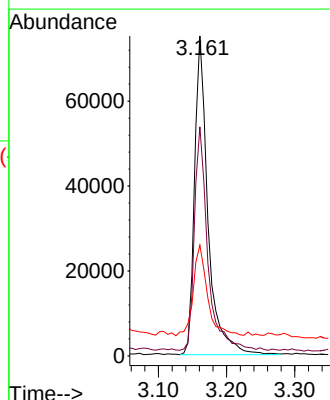
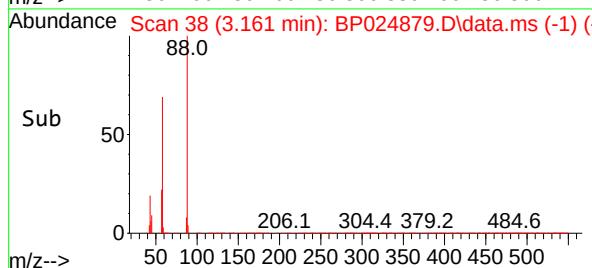
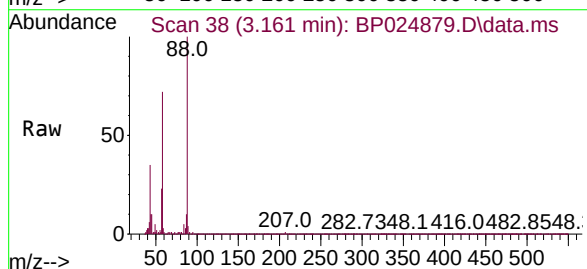
Manual Integrations
APPROVED

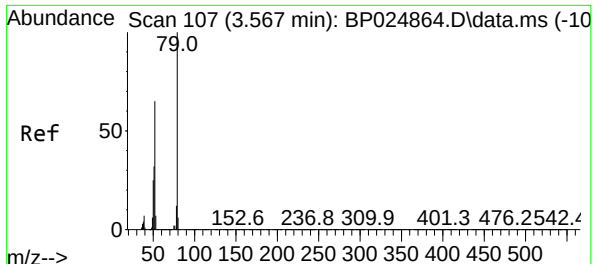
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 17.366 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

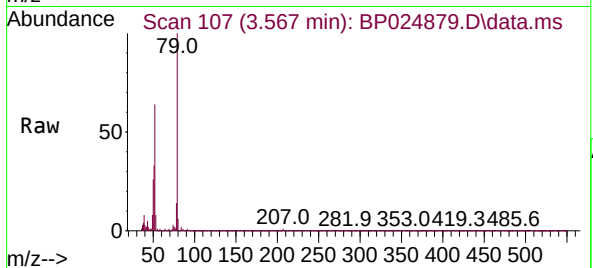
Tgt Ion: 88 Resp: 103583
Ion Ratio Lower Upper
88 100
58 69.6 55.4 83.0
43 29.8 20.8 31.2





#3
Pyridine
Concen: 15.314 ng
RT: 3.567 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

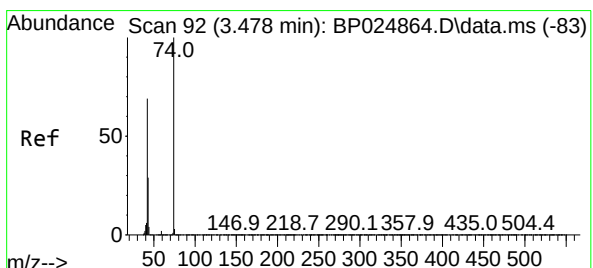
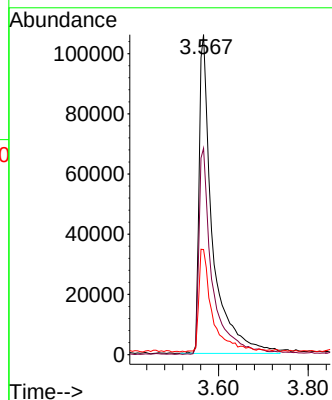
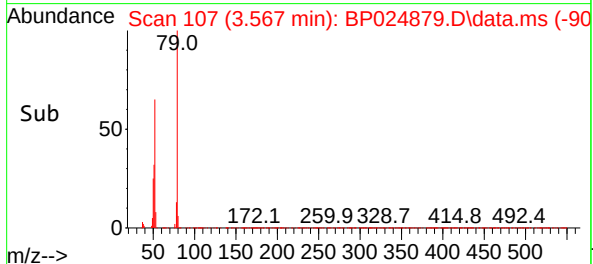
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 79 Resp: 219668
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 32.8 25.5 38.3

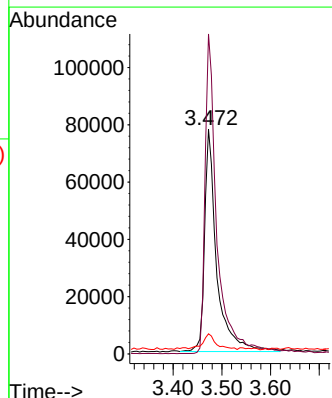
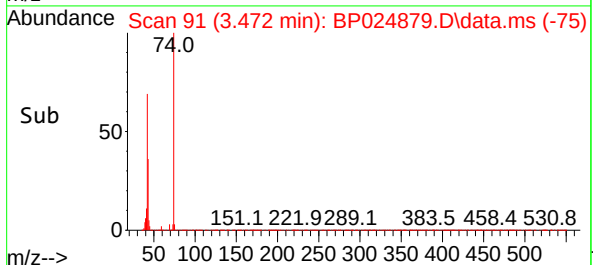
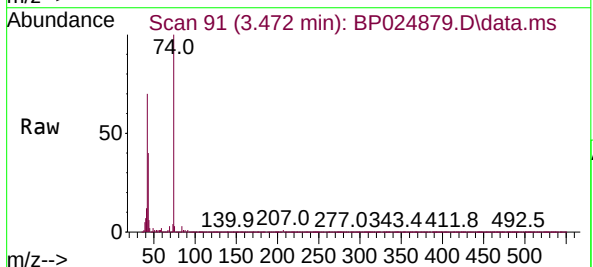
Manual Integrations
APPROVED

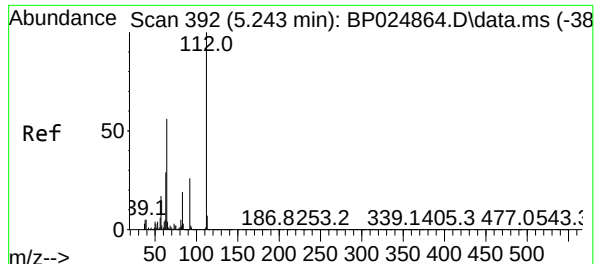
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 22.843 ng
RT: 3.472 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion: 42 Resp: 133962
Ion Ratio Lower Upper
42 100
74 142.5 116.6 174.8
44 9.0 5.4 8.0#





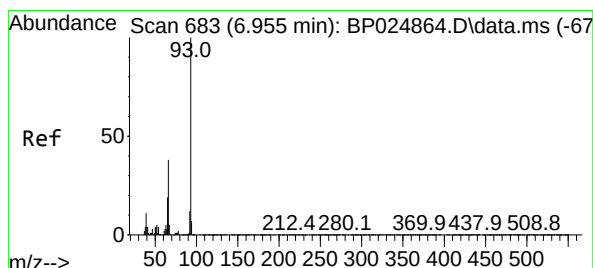
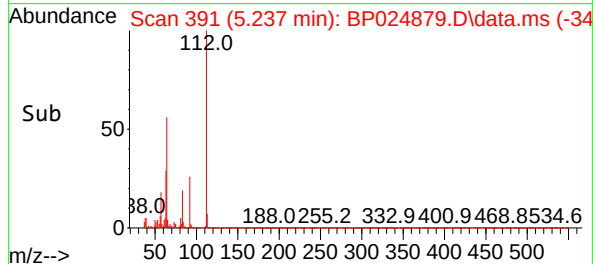
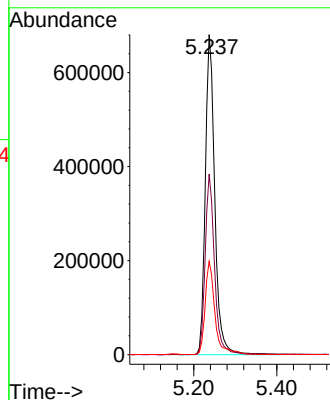
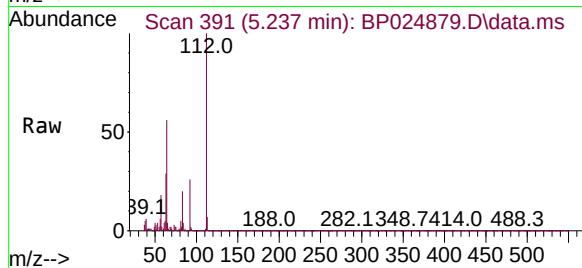
#5
2-Fluorophenol
Concen: 79.239 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Tgt Ion: 112 Resp: 1074133
Ion Ratio Lower Upper
112 100
64 56.4 44.7 67.1
63 29.1 23.5 35.3

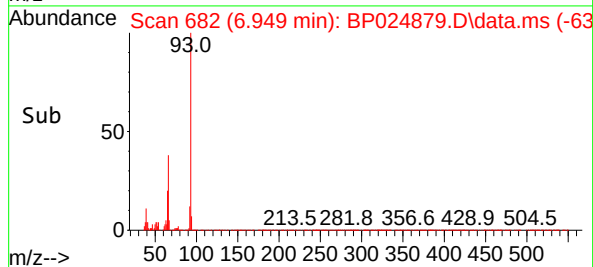
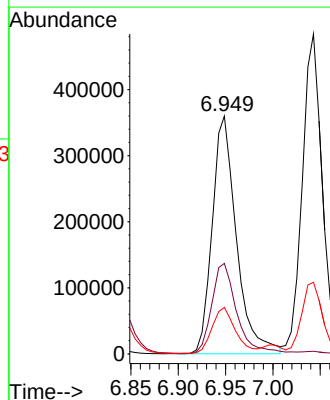
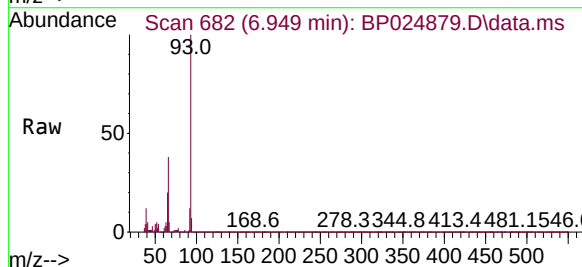
Manual Integrations
APPROVED

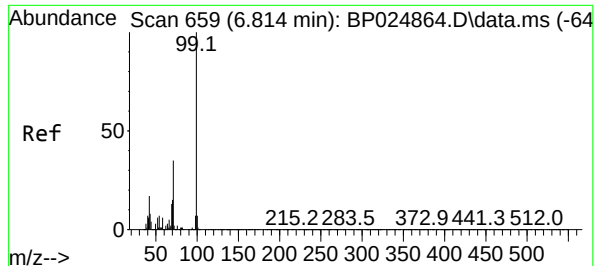
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 27.923 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

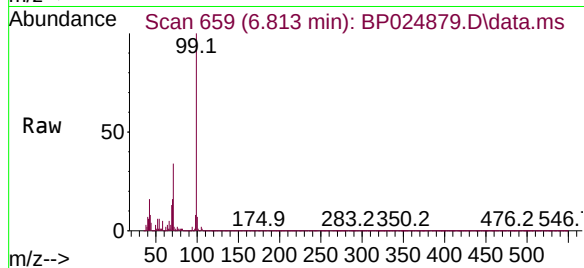
Tgt Ion: 93 Resp: 639123
Ion Ratio Lower Upper
93 100
66 38.1 30.9 46.3
65 19.6 15.5 23.3





#7
Phenol-d6
Concen: 50.737 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

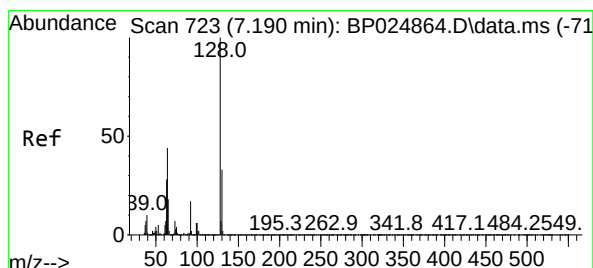
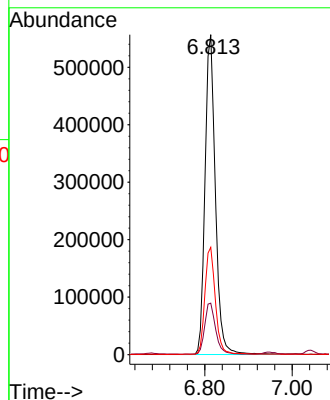
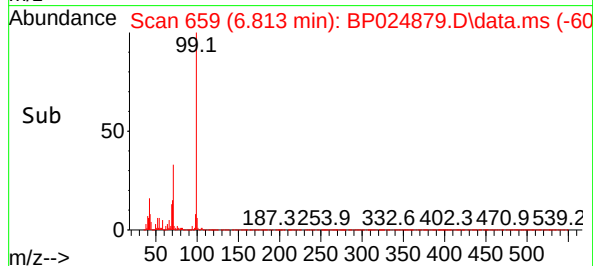
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



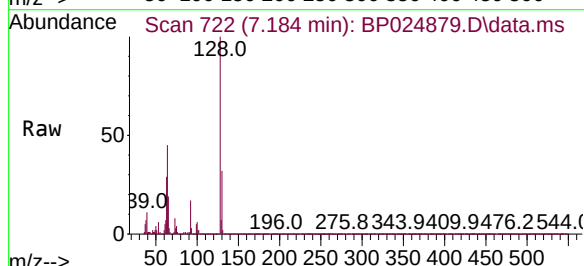
Tgt Ion: 99 Resp: 91000
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.5 27.6 41.4

Manual Integrations
APPROVED

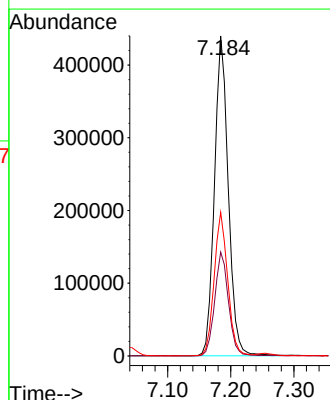
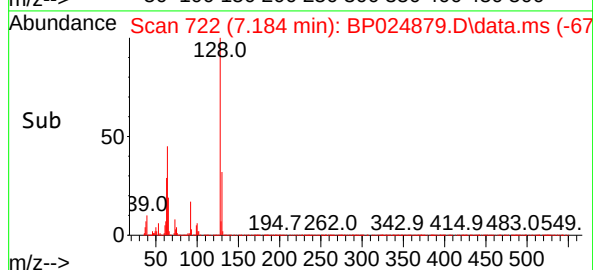
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

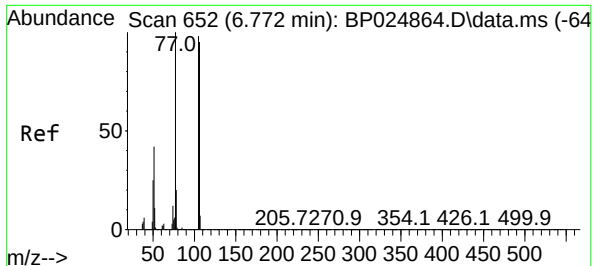


#8
2-Chlorophenol
Concen: 43.633 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:128 Resp: 670519
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 44.9 24.1 64.1





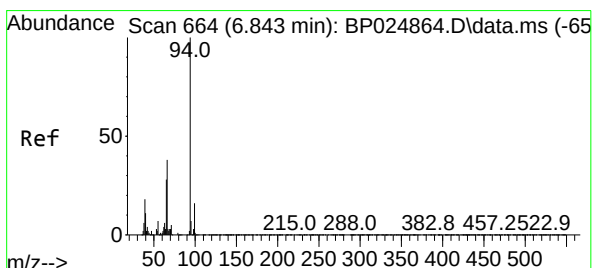
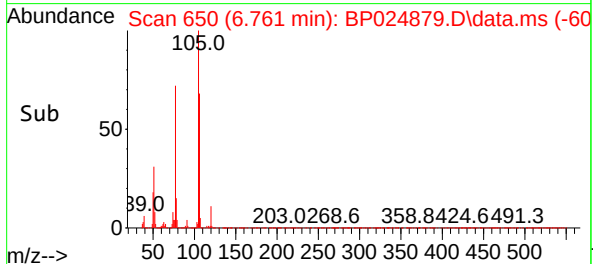
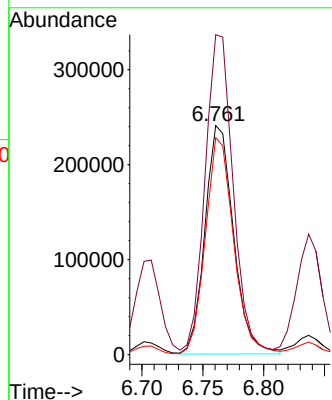
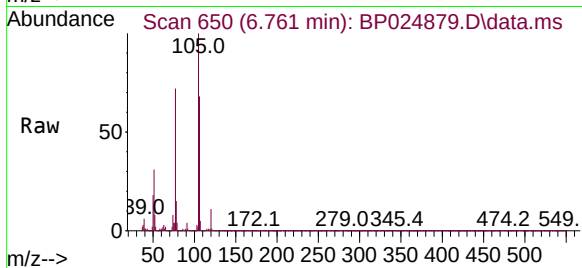
#9
Benzaldehyde
Concen: 37.983 ng
RT: 6.761 min Scan# 650
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Tgt Ion: 77 Resp: 392669
Ion Ratio Lower Upper
77 100
105 139.7 77.7 117.7
106 94.7 74.8 114.8

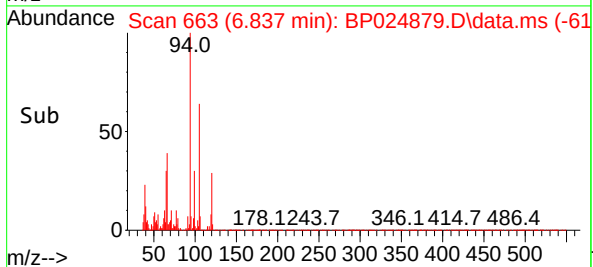
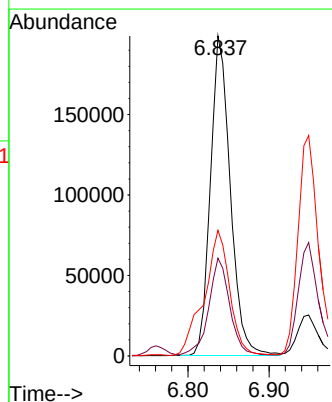
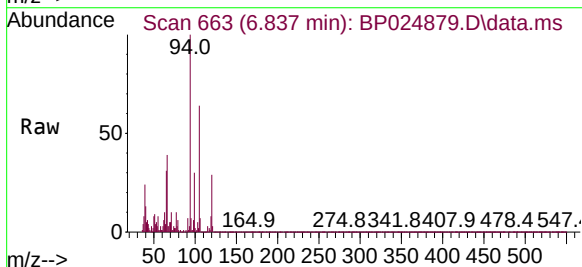
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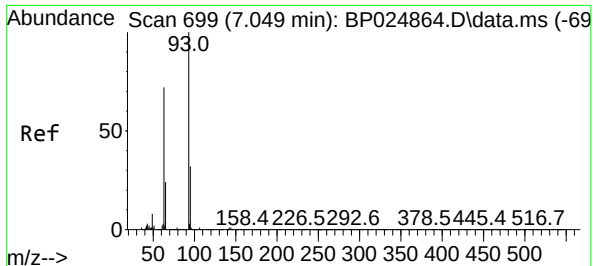
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 18.338 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion: 94 Resp: 339071
Ion Ratio Lower Upper
94 100
65 30.5 8.3 48.3
66 39.3 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 49.210 ng

RT: 7.043 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion: 93 Resp: 71563

Ion Ratio Lower Upper

93 100

63 71.1 51.6 91.6

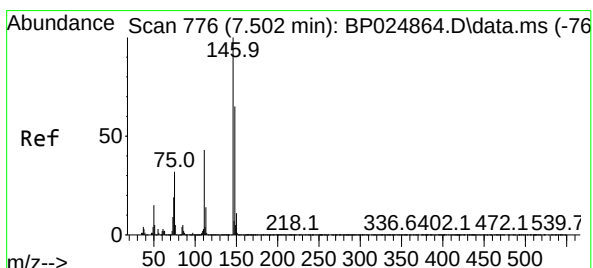
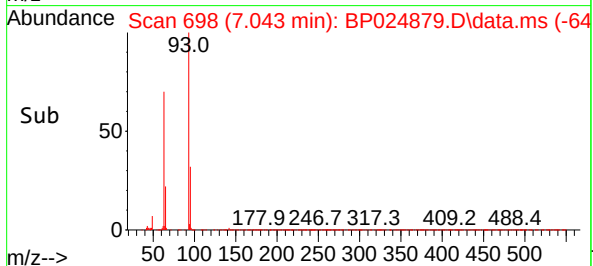
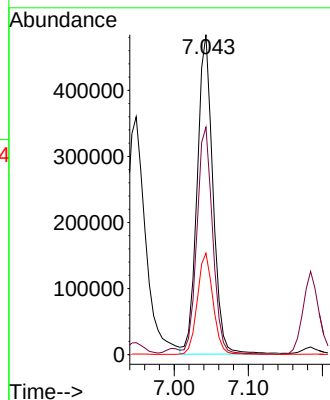
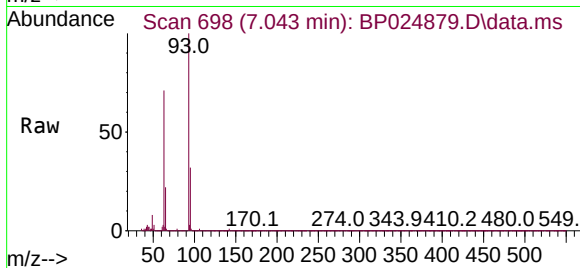
95 31.7 12.1 52.1

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Supervised By :Jagrut Upadhyay 06/10/2025



#12

1,3-Dichlorobenzene

Concen: 24.311 ng

RT: 7.496 min Scan# 775

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

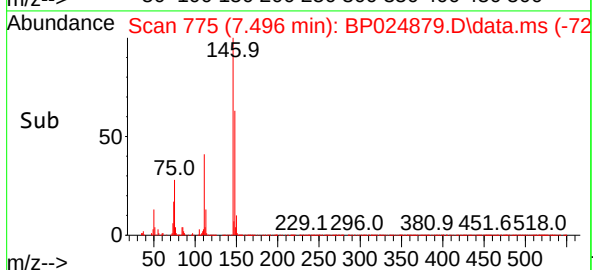
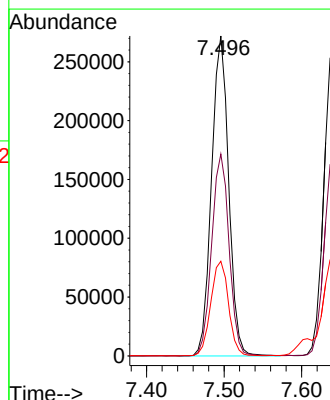
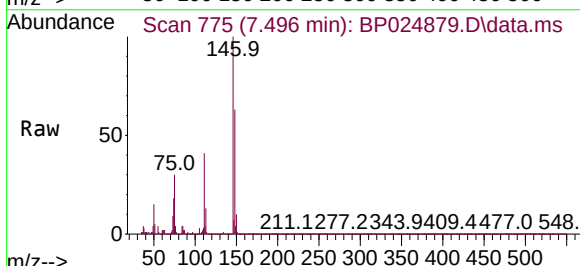
Tgt Ion:146 Resp: 416765

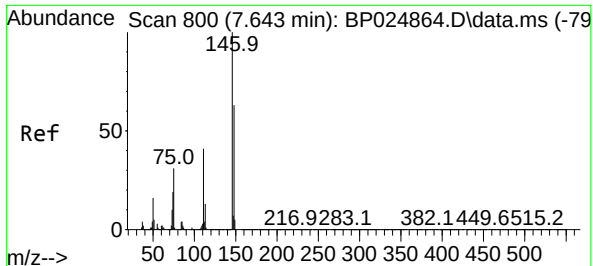
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

75 29.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 25.026 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:146 Resp: 432880

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

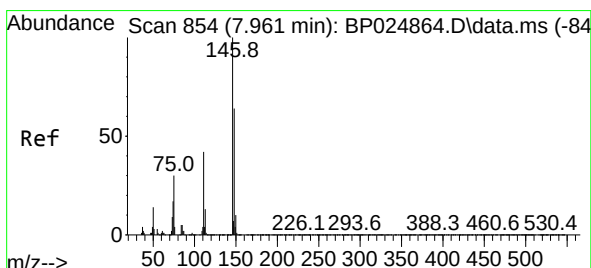
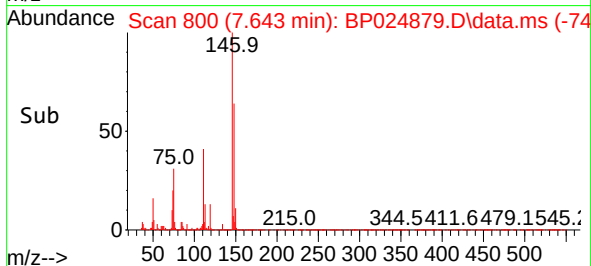
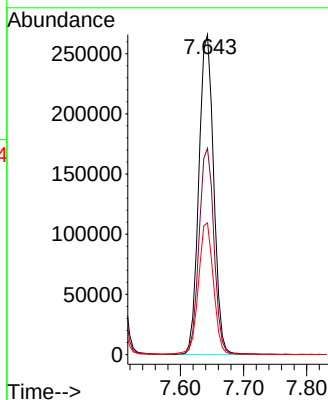
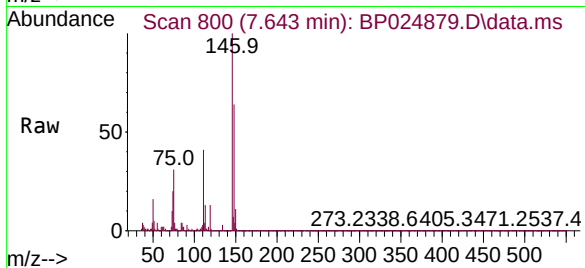
111 41.2 32.7 49.1

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Supervised By :Jagrut Upadhyay 06/10/2025



#14

1,2-Dichlorobenzene

Concen: 26.568 ng

RT: 7.949 min Scan# 852

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

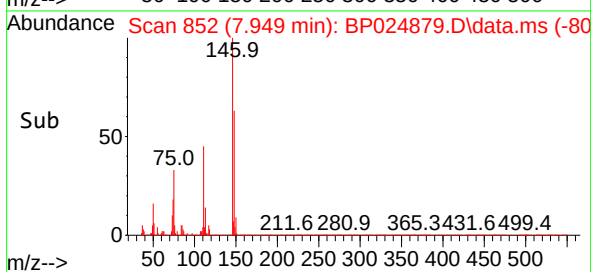
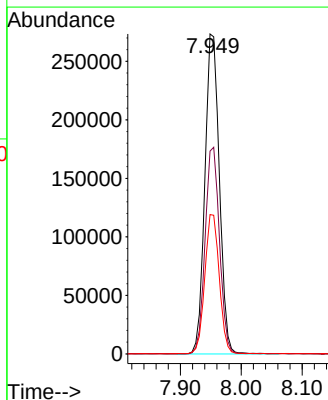
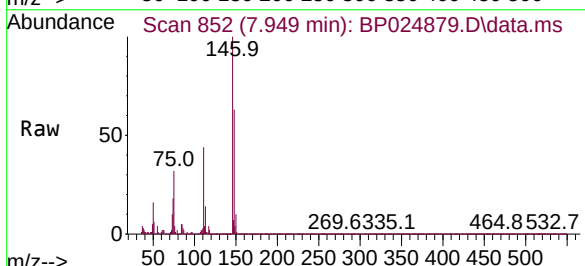
Tgt Ion:146 Resp: 451268

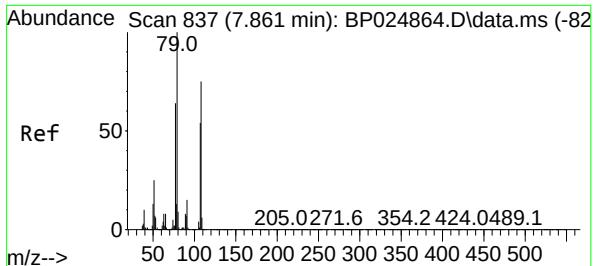
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

111 43.5 33.8 50.8





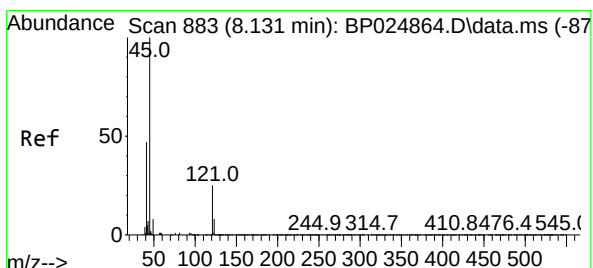
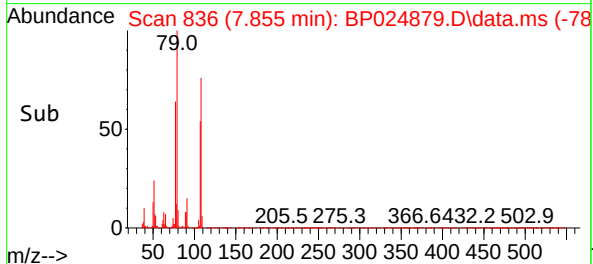
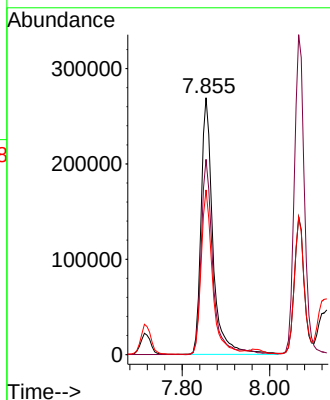
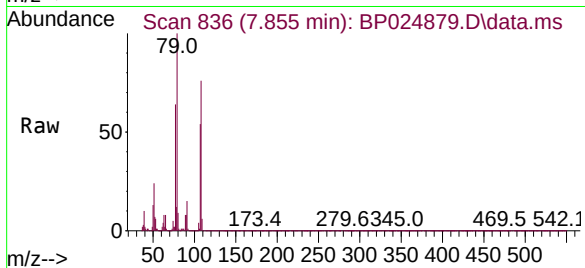
#15
Benzyl Alcohol
Concen: 36.448 ng
RT: 7.855 min Scan# 837
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
Client SampleId :
GW-MW01-060425MS

Tgt Ion: 79 Resp: 501705
Ion Ratio Lower Upper
79 100
108 76.0 60.2 90.4
77 64.1 51.2 76.8

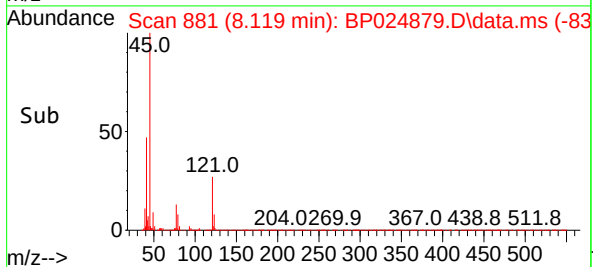
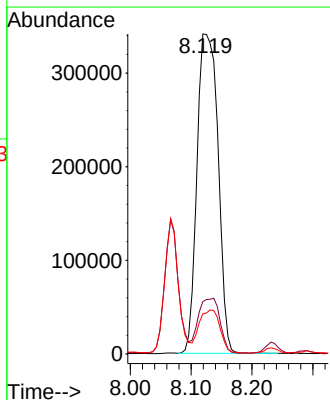
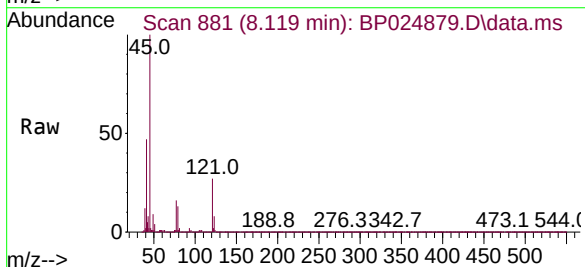
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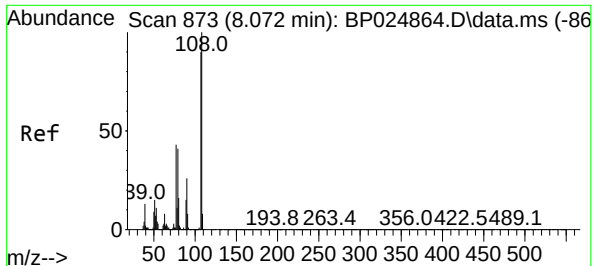
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.061 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion: 45 Resp: 819608
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.3
79 12.6 0.0 32.2





#17

2-Methylphenol

Concen: 37.069 ng

RT: 8.066 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:107 Resp: 478615

Ion Ratio Lower Upper

107 100

108 111.2 88.6 132.8

77 47.7 38.5 57.7

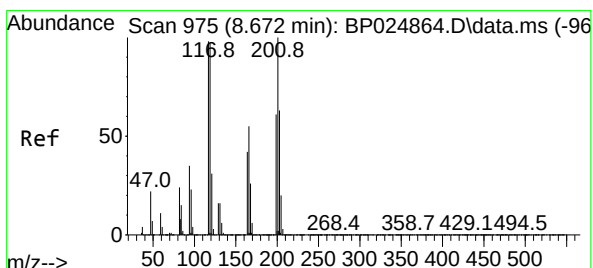
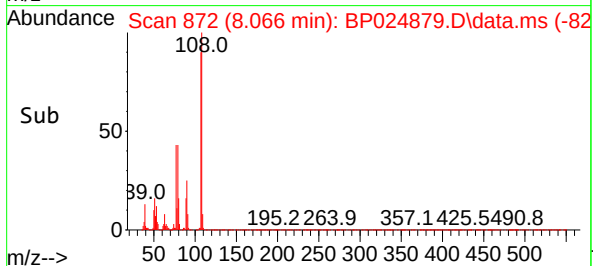
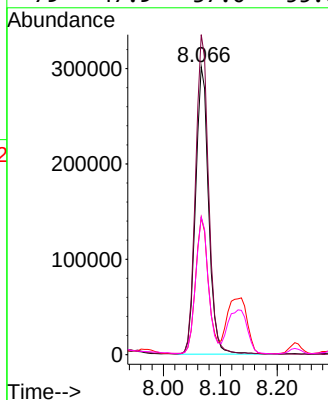
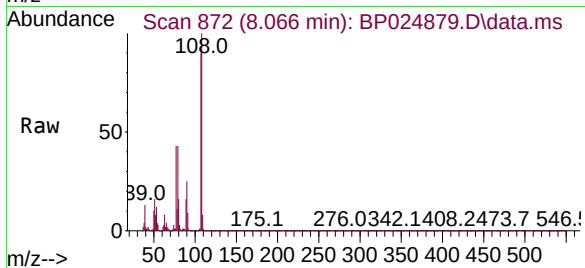
79 47.9 37.0 55.6

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Supervised By :Jagrut Upadhyay 06/10/2025



#18

Hexachloroethane

Concen: 23.894 ng m

RT: 8.666 min Scan# 974

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

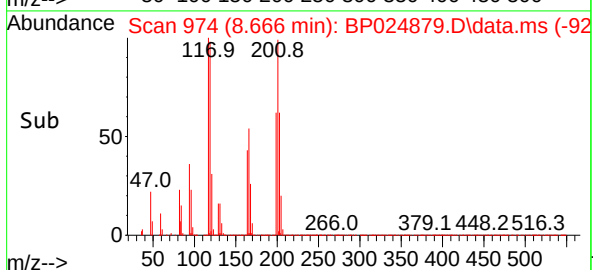
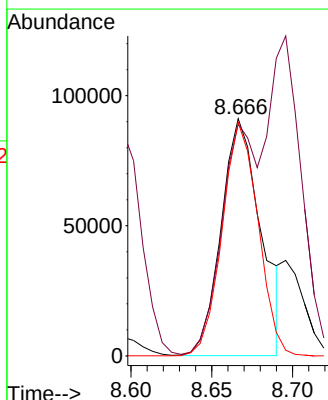
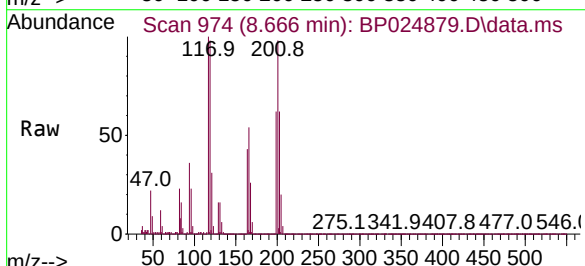
Tgt Ion:117 Resp: 155606

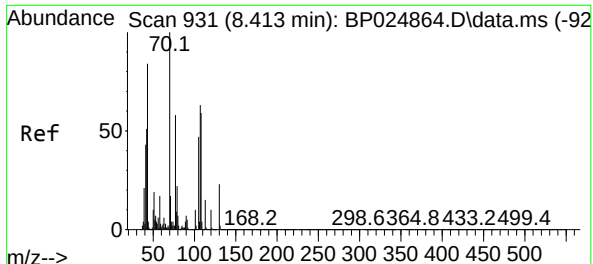
Ion Ratio Lower Upper

117 100

119 97.7 79.4 119.2

201 98.4 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 48.369 ng

RT: 8.407 min Scan# 931

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion: 70 Resp: 58974

Ion Ratio Lower Upper

70 100

42 50.8 41.2 61.8

101 10.2 8.3 12.5

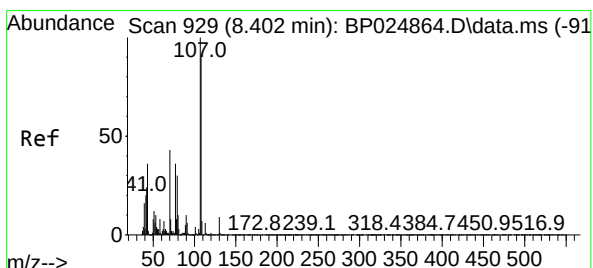
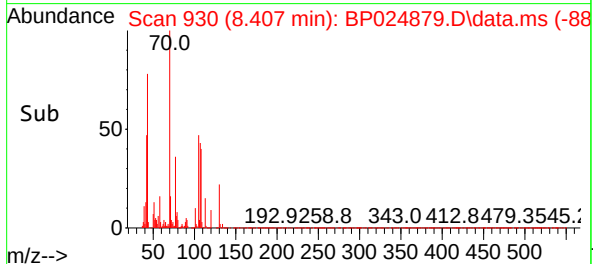
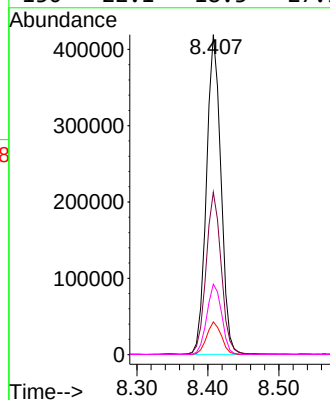
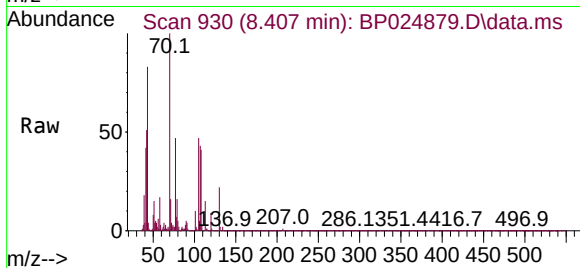
130 22.1 18.3 27.5

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Supervised By :Jagrut Upadhyay 06/10/2025



#20

3+4-Methylphenols

Concen: 39.537 ng

RT: 8.390 min Scan# 927

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:107 Resp: 696463

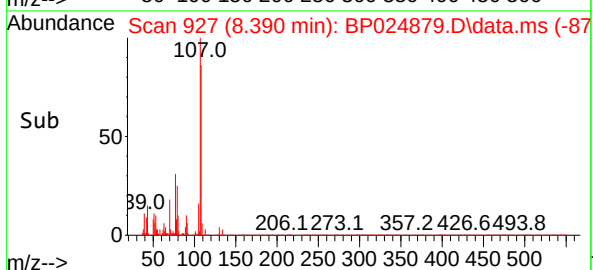
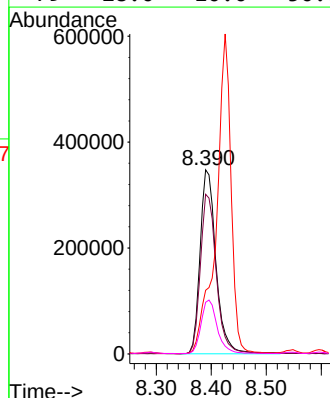
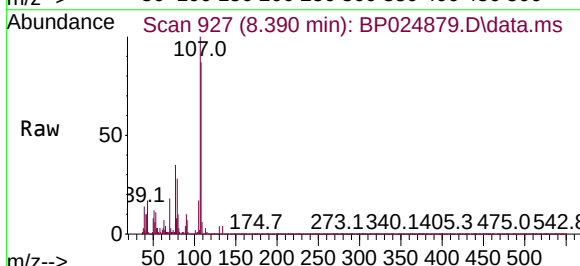
Ion Ratio Lower Upper

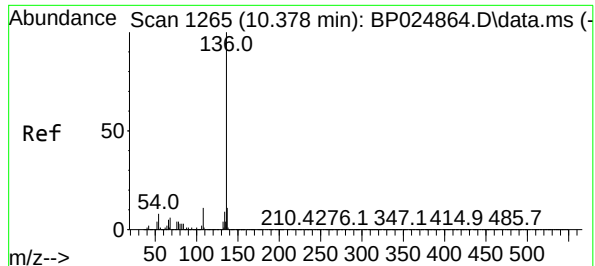
107 100

108 86.7 70.7 110.7

77 34.6 16.6 56.6

79 28.0 10.0 50.0





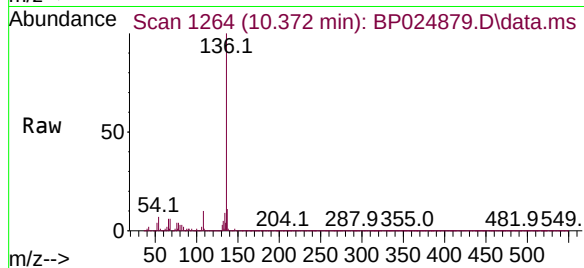
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS



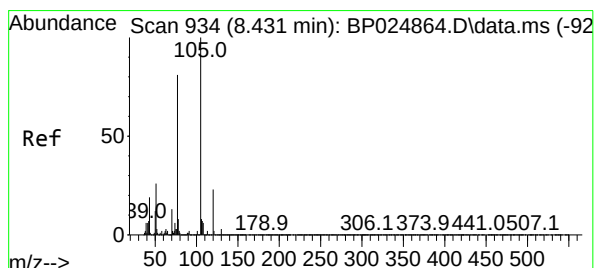
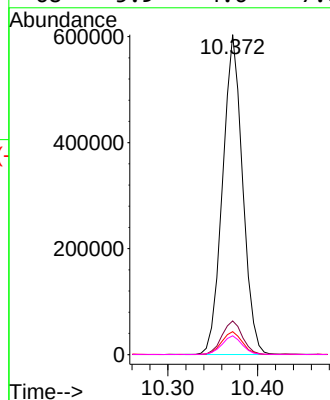
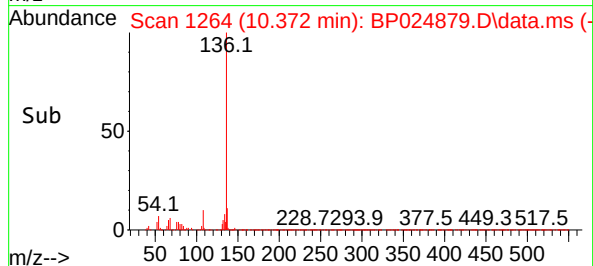
Tgt Ion:136 Resp: 937705
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.2 6.1 9.1
68 5.9 4.6 7.0

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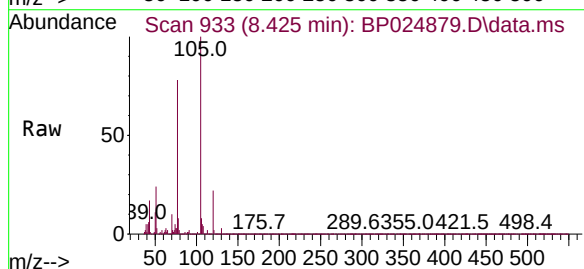
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Reviewed By :Rahul Chavli 06/10/2025

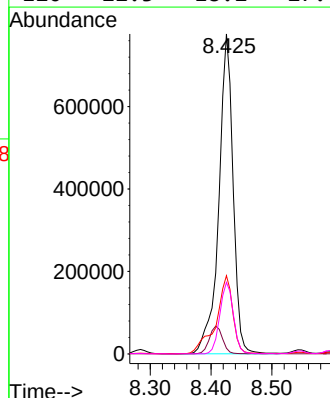
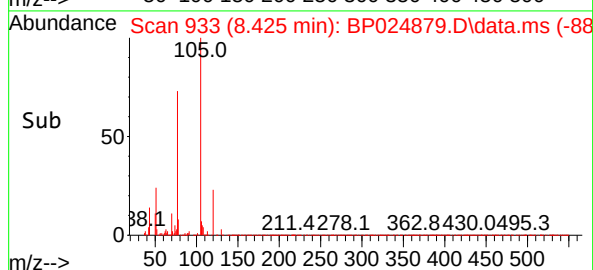
Supervised By :Jagrut Upadhyay 06/10/2025

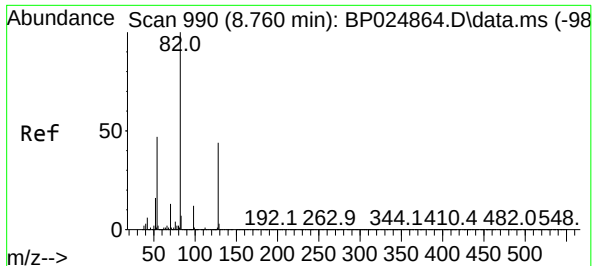


#22
Acetophenone
Concen: 53.626 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:105 Resp: 1270478
Ion Ratio Lower Upper
105 100
71 1.8 1.6 2.4
51 24.4 20.6 31.0
120 22.3 18.2 27.4





#23

Nitrobenzene-d5

Concen: 90.525 ng

RT: 8.755 min Scan# 989

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion: 82 Resp: 1746878

Ion Ratio Lower Upper

82 100

128 43.7 35.3 52.9

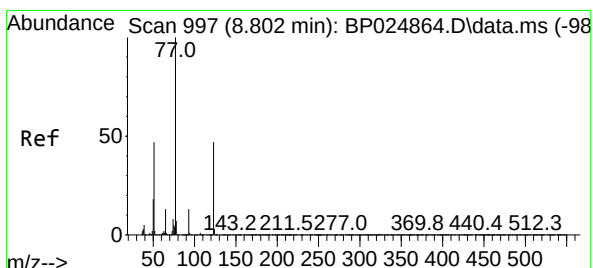
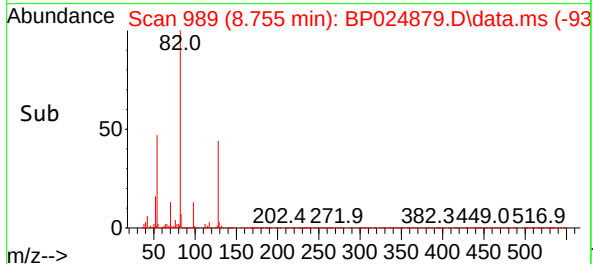
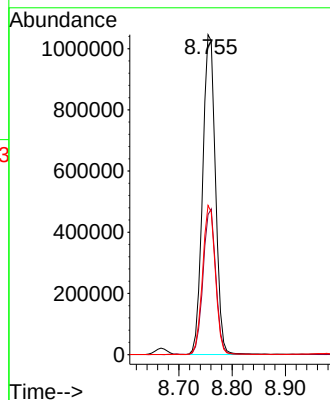
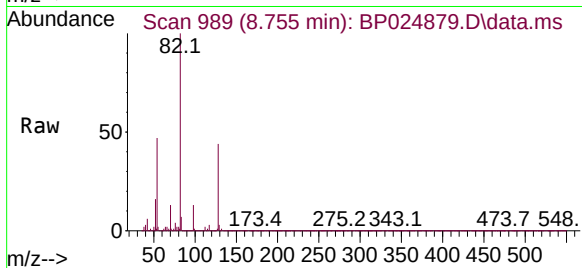
54 46.6 37.4 56.0

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 52.712 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

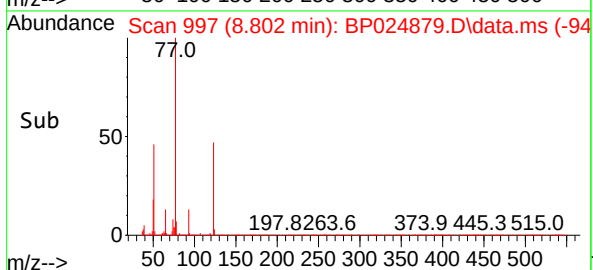
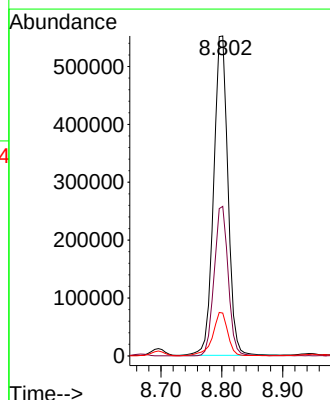
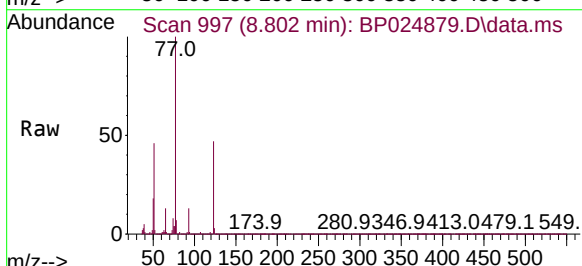
Tgt Ion: 77 Resp: 903653

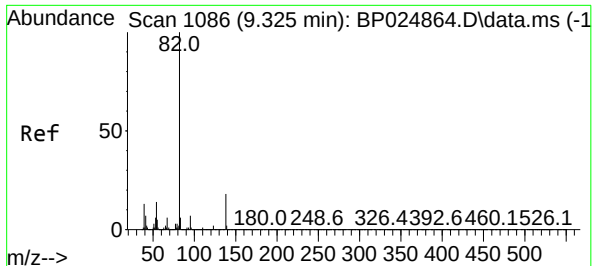
Ion Ratio Lower Upper

77 100

123 46.7 37.3 55.9

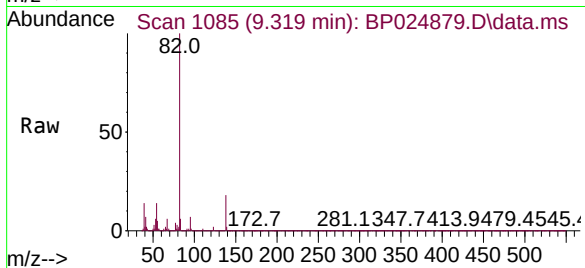
65 13.4 10.8 16.2





#25
Isophorone
Concen: 49.562 ng
RT: 9.319 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

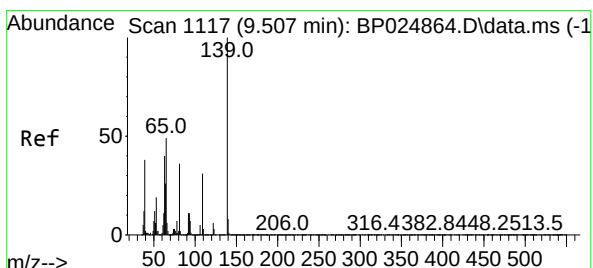
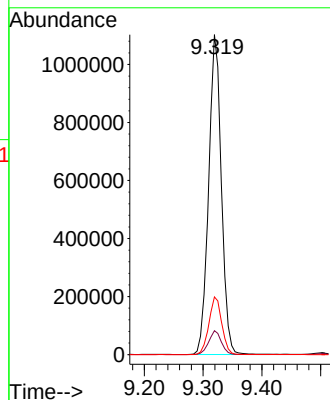
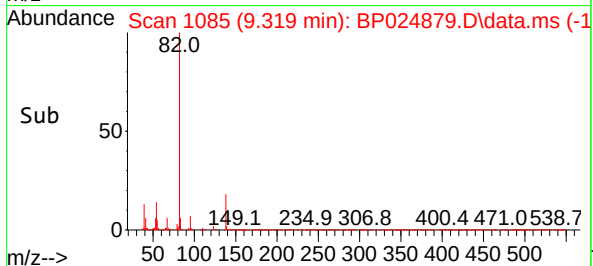
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 82 Resp: 165754
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.0 14.6 21.8

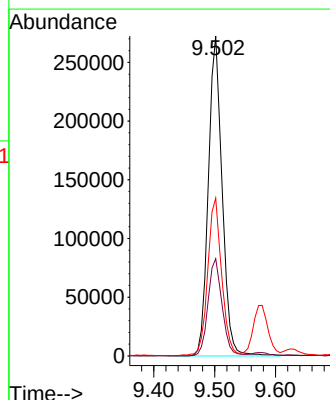
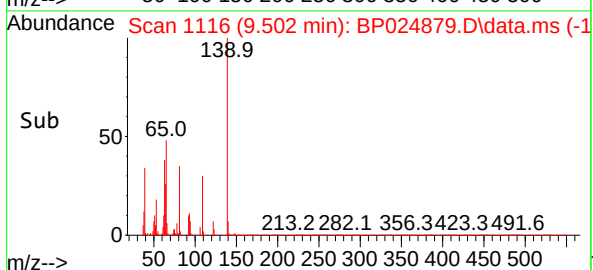
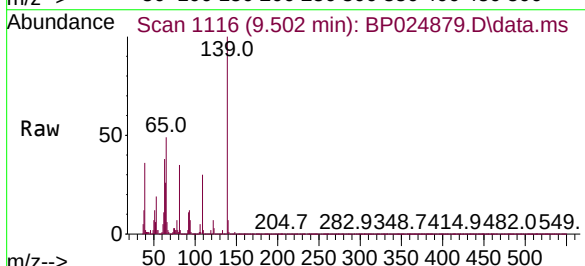
Manual Integrations
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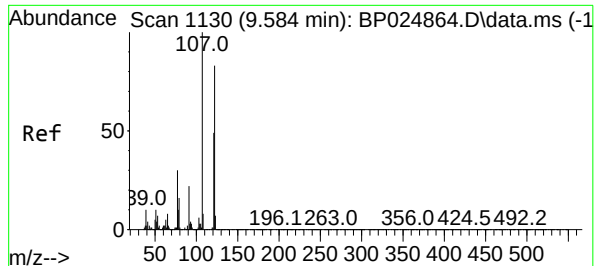
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 50.612 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:139 Resp: 428106
Ion Ratio Lower Upper
139 100
109 30.4 24.6 37.0
65 49.3 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 46.243 ng

RT: 9.572 min Scan# 1128

Delta R.T. -0.012 min

Lab File: BP024879.D

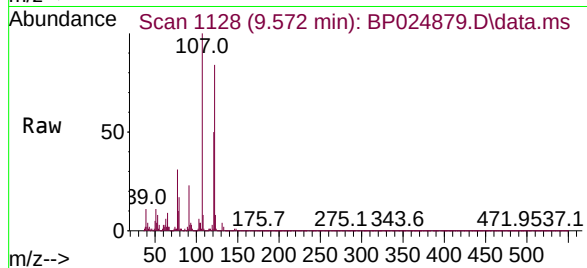
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS



Tgt Ion: 122 Resp: 669434

Ion Ratio Lower Upper

122 100

107 118.8 96.2 144.4

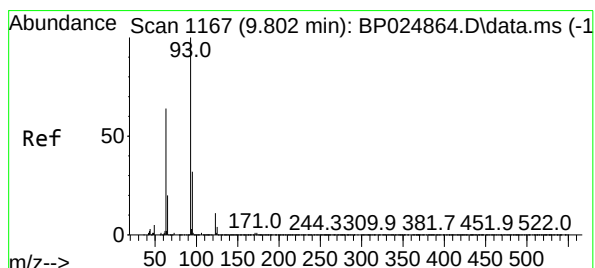
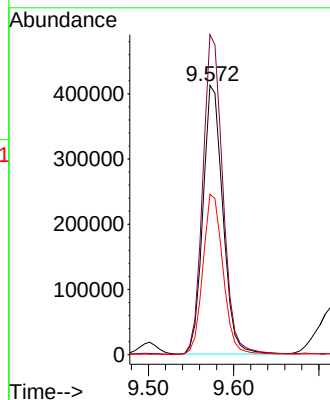
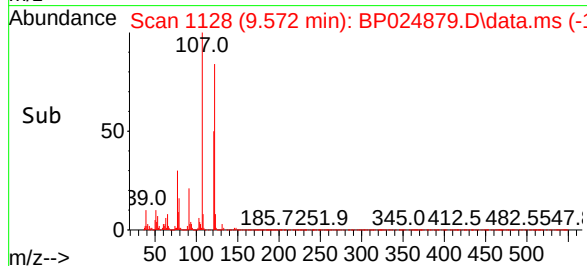
121 59.5 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.080 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

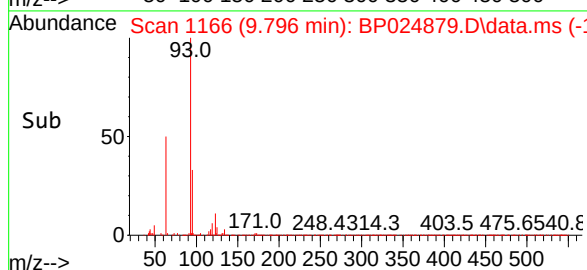
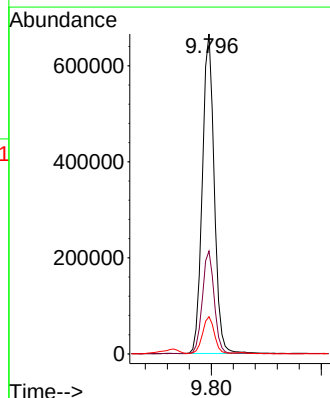
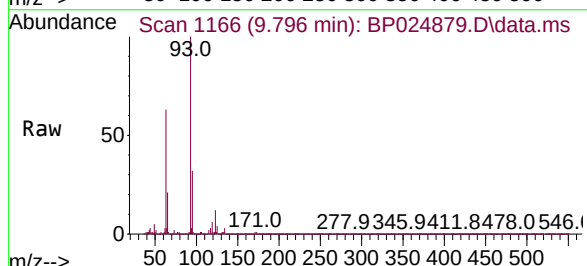
Tgt Ion: 93 Resp: 999092

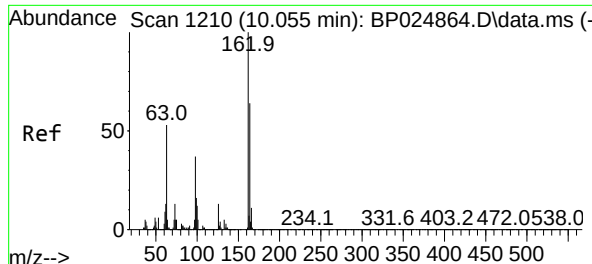
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.902 ng

RT: 10.049 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:162 Resp: 707035

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

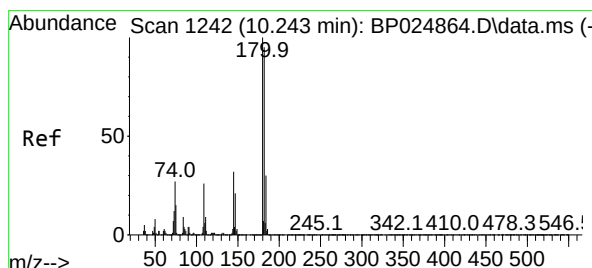
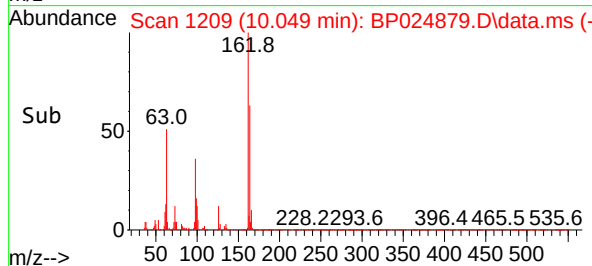
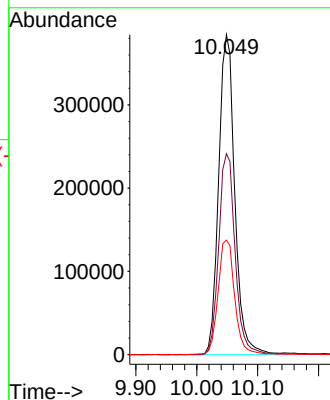
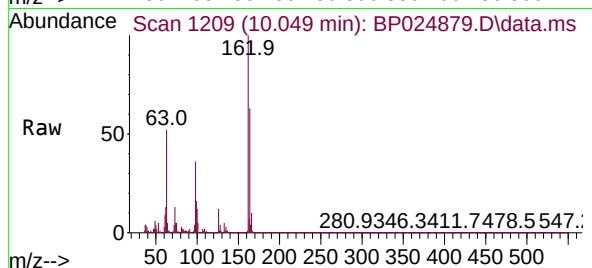
98 35.8 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 32.956 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

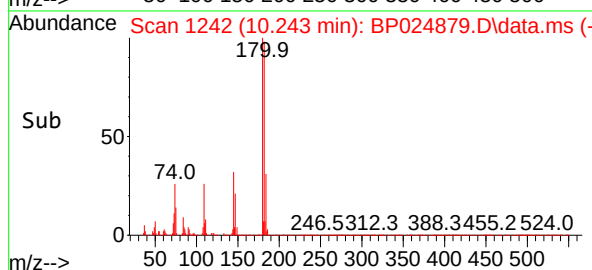
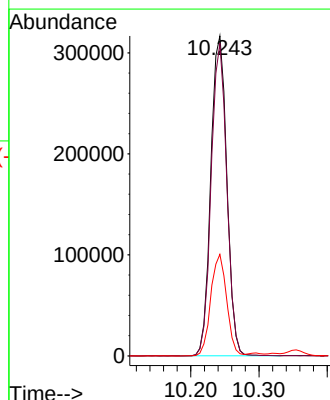
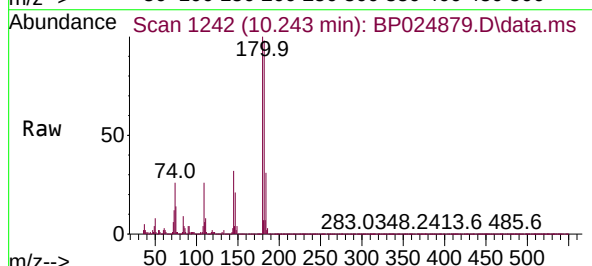
Tgt Ion:180 Resp: 516309

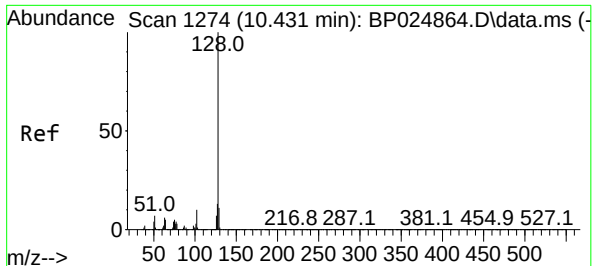
Ion Ratio Lower Upper

180 100

182 97.7 75.8 113.6

145 31.7 25.7 38.5





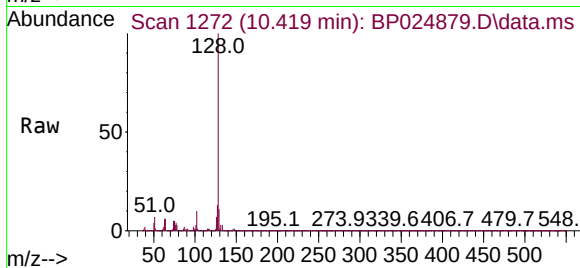
#31
Naphthalene
Concen: 40.963 ng
RT: 10.419 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

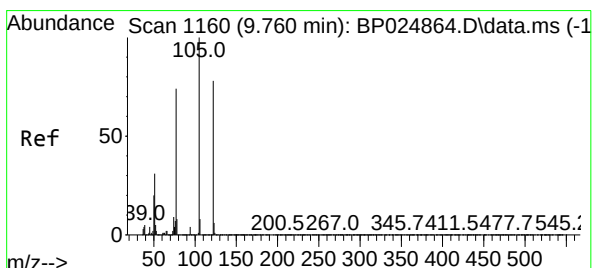
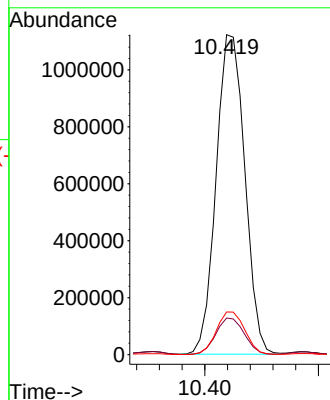
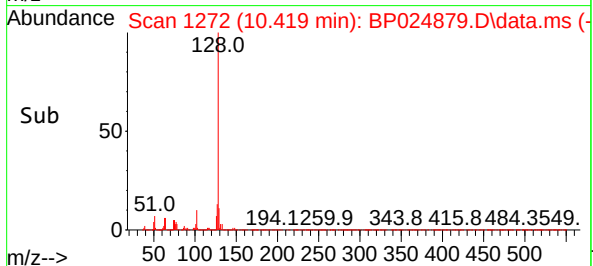
GW-MW01-060425MS



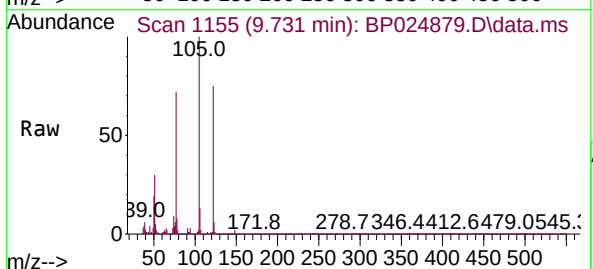
Tgt Ion:128 Resp: 1968432
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 10.7 16.1

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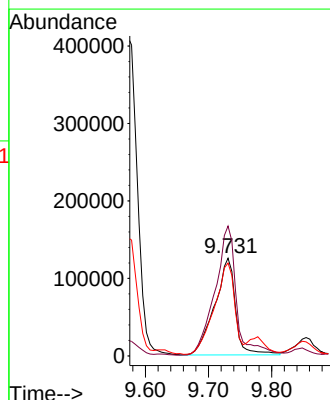
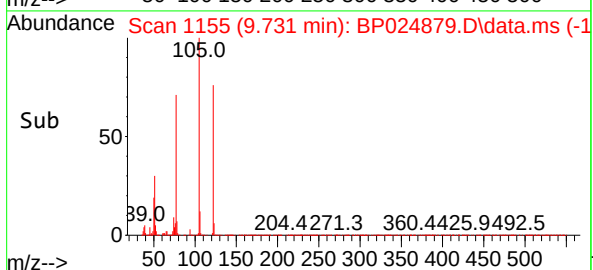
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

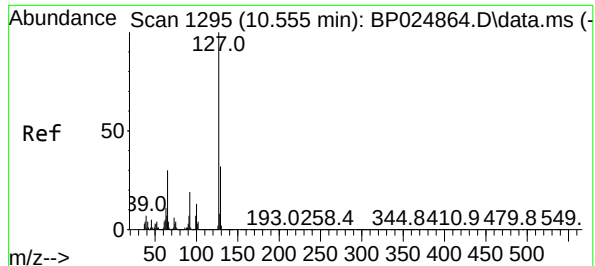


#32
Benzoic acid
Concen: 29.408 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.029 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:122 Resp: 287683
Ion Ratio Lower Upper
122 100
105 132.9 107.1 147.1
77 95.1 75.1 115.1





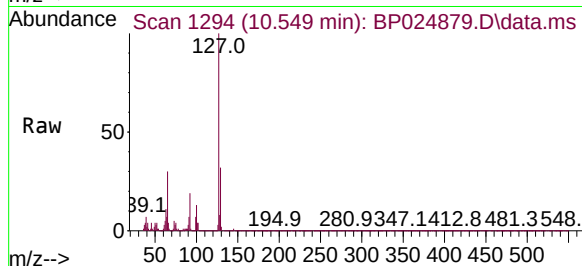
#33
4-Chloroaniline
Concen: 30.111 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

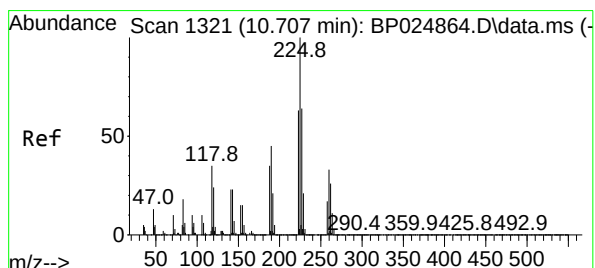
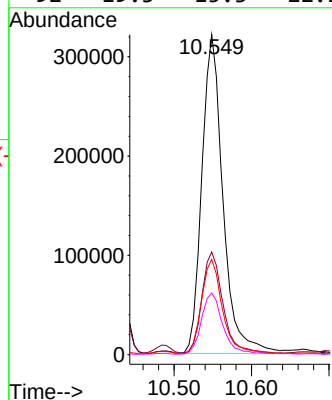
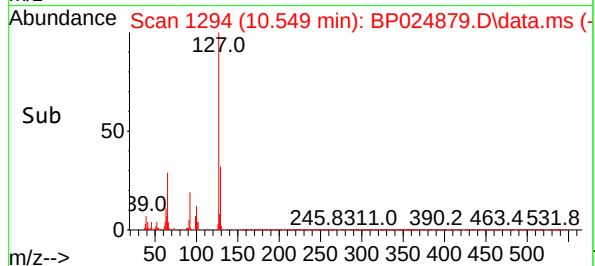


Tgt Ion:127 Resp: 606221
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 29.7 23.9 35.9
92 19.3 15.3 22.9

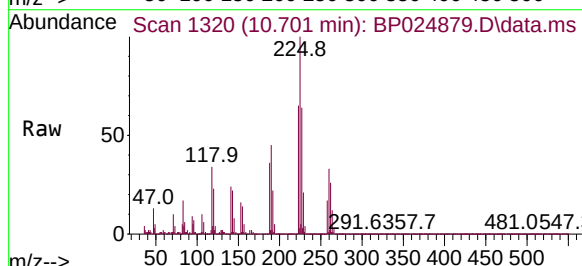
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Reviewed By :Rahul Chavli 06/10/2025

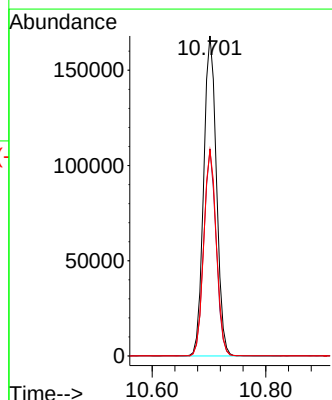
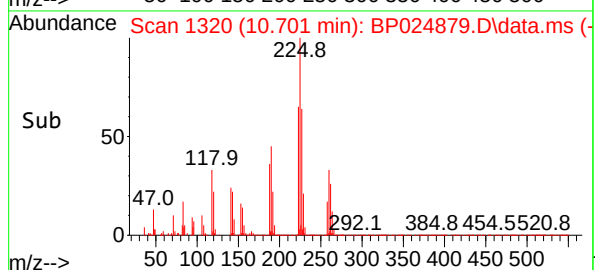
Supervised By :Jagrut Upadhyay 06/10/2025

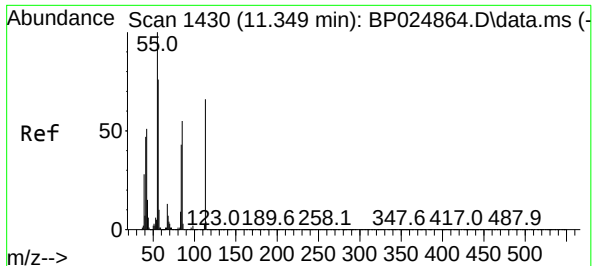


#34
Hexachlorobutadiene
Concen: 27.754 ng
RT: 10.701 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:225 Resp: 262066
Ion Ratio Lower Upper
225 100
223 64.7 50.5 75.7
227 64.2 51.4 77.2





#35

Caprolactam

Concen: 11.229 ng

RT: 11.384 min Scan# 1430

Delta R.T. 0.035 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:113 Resp: 57413

Ion Ratio Lower Upper

113 100

55 168.4 132.5 172.5

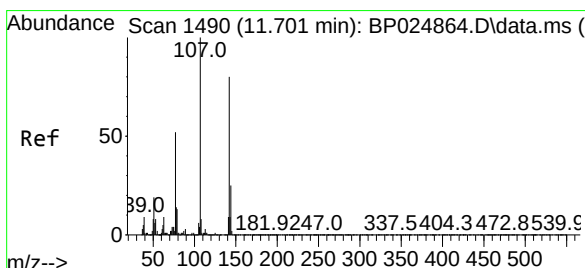
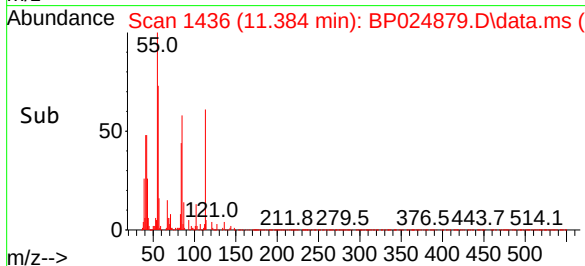
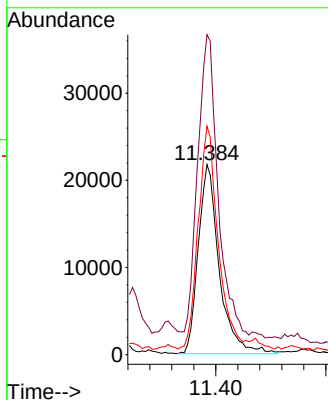
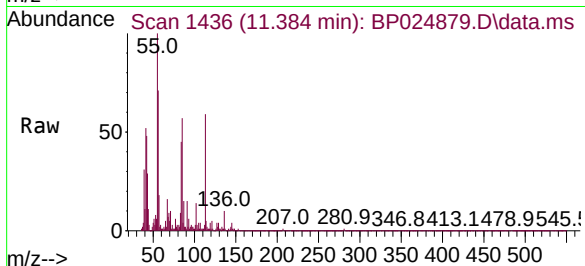
56 120.2 96.0 136.0

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#36

4-Chloro-3-methylphenol

Concen: 48.575 ng

RT: 11.696 min Scan# 1489

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

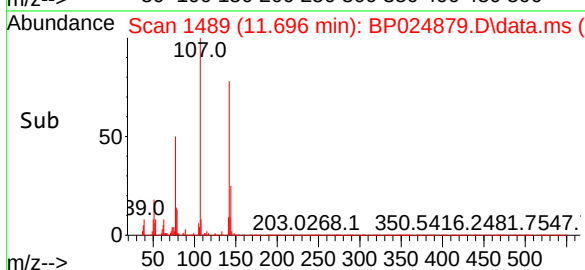
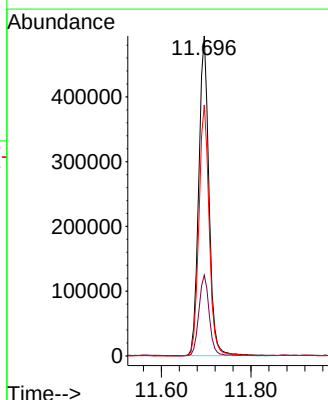
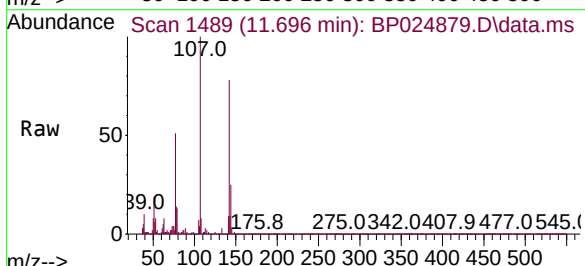
Tgt Ion:107 Resp: 778238

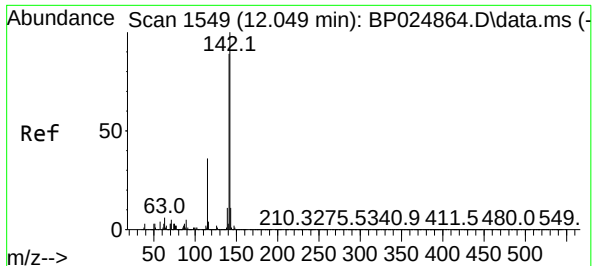
Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

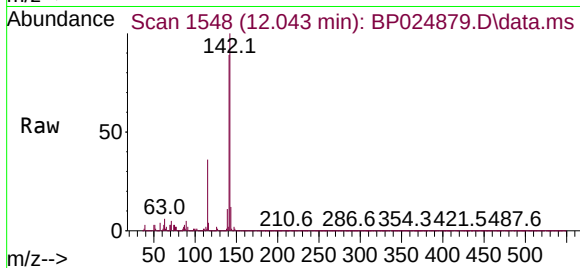
142 78.4 63.8 95.6





#37
2-Methylnaphthalene
Concen: 46.715 ng
RT: 12.043 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

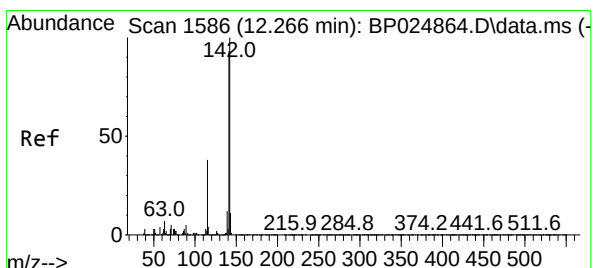
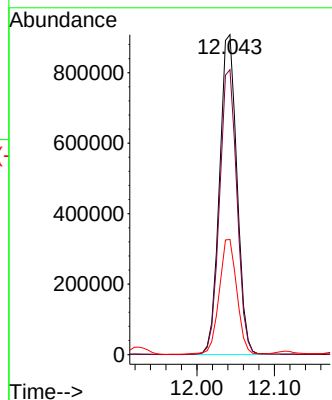
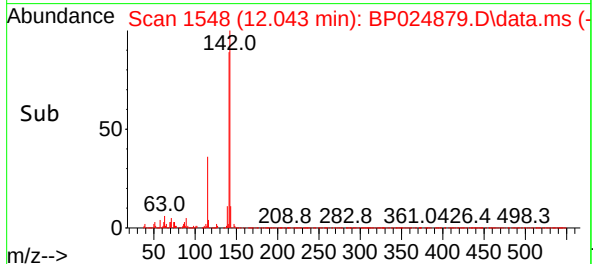
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



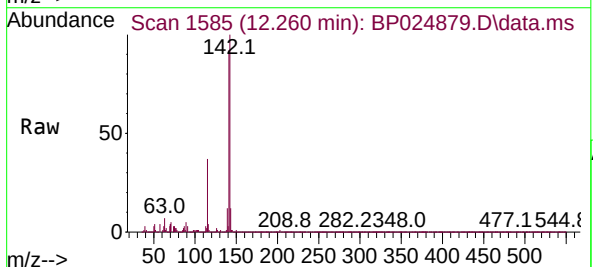
Tgt Ion:142 Resp: 1423955
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 36.0 28.5 42.7

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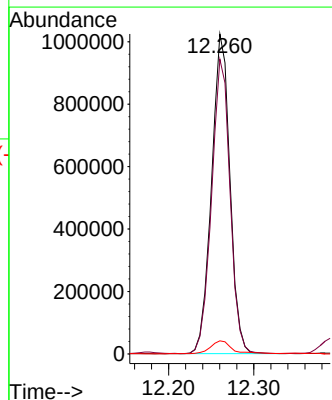
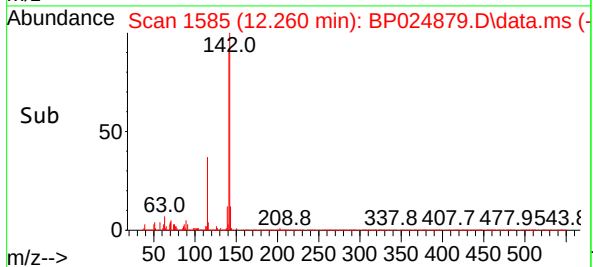
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

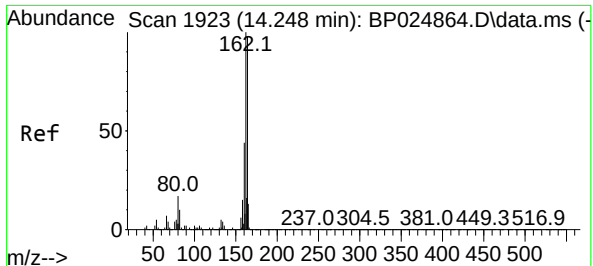


#38
1-Methylnaphthalene
Concen: 47.041 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:142 Resp: 1532980
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:164 Resp: 608220

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

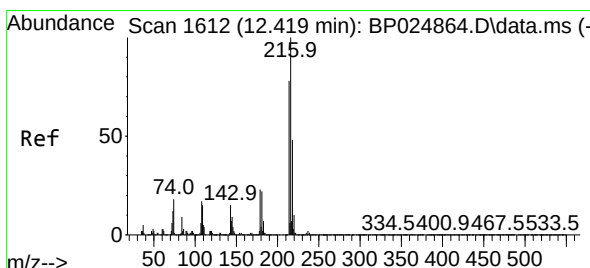
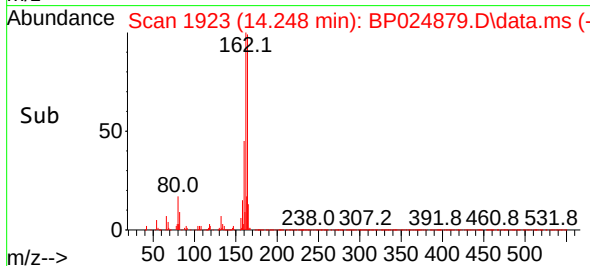
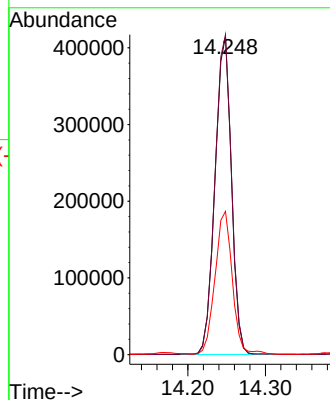
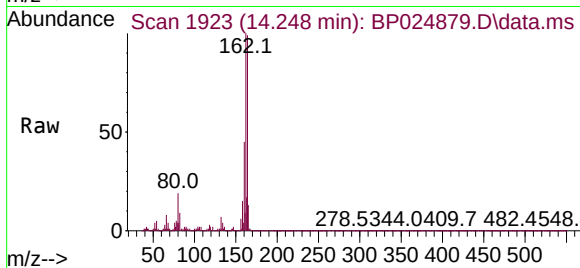
160 45.1 36.2 54.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.743 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:216 Resp: 772203

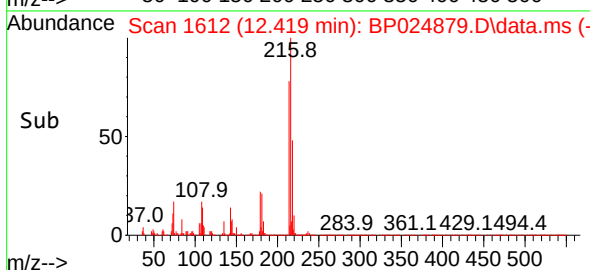
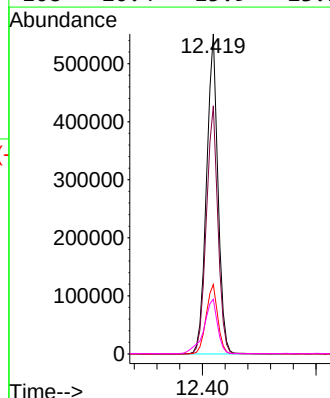
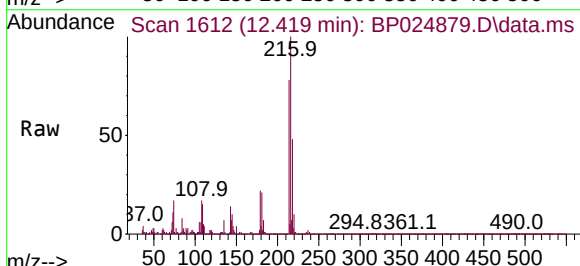
Ion Ratio Lower Upper

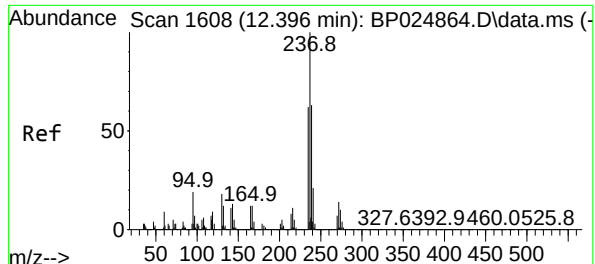
216 100

214 78.7 63.0 94.4

179 22.1 17.8 26.6

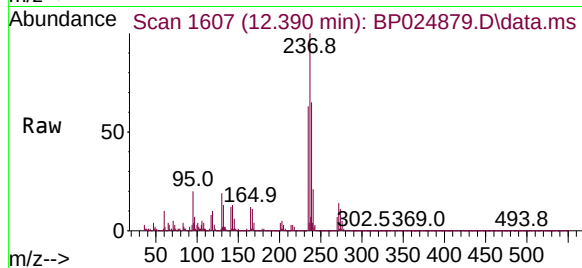
108 20.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 60.270 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

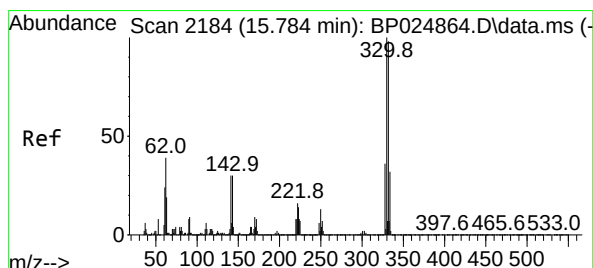
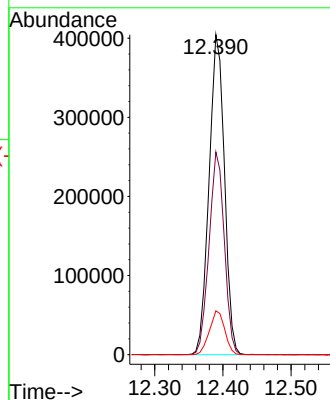
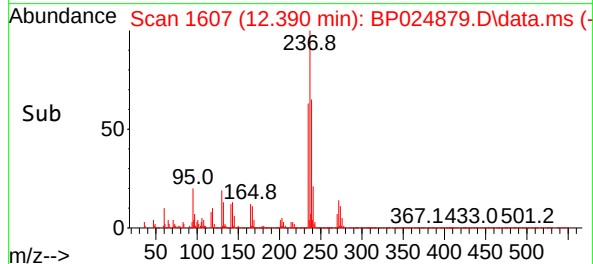
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



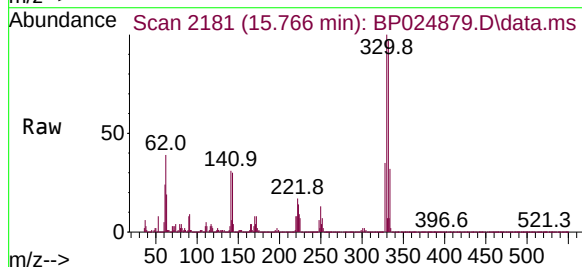
Tgt Ion: 237 Resp: 634443
Ion Ratio Lower Upper
237 100
235 63.3 41.9 81.9
272 13.7 0.0 33.7

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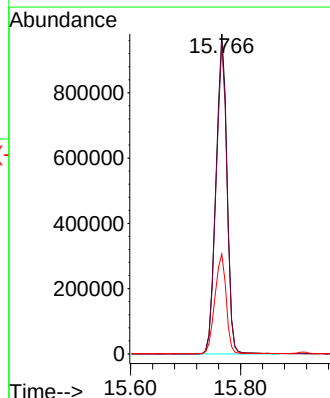
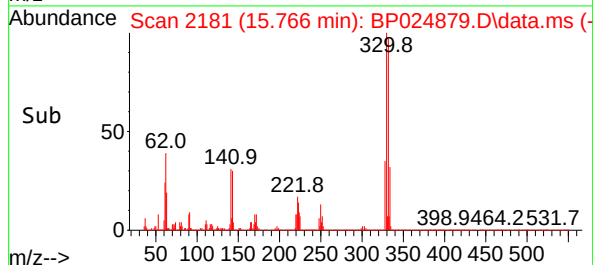
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

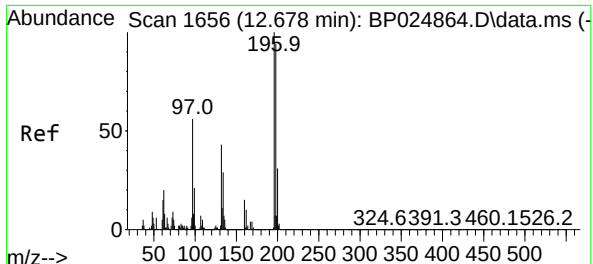


#42
2,4,6-Tribromophenol
Concen: 161.561 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion: 330 Resp: 1358561
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 32.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.491 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:196 Resp: 619974

Ion Ratio Lower Upper

196 100

198 95.3 75.4 113.0

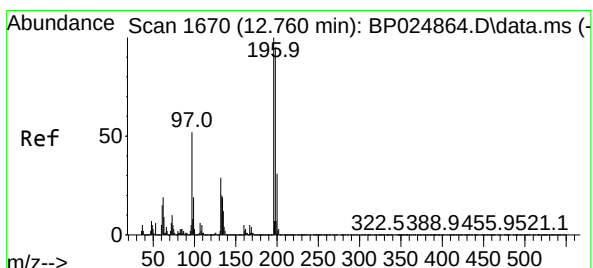
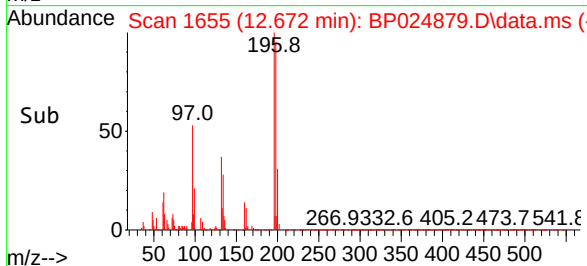
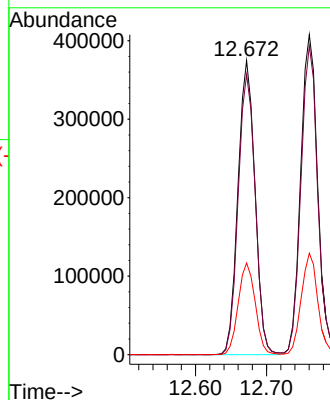
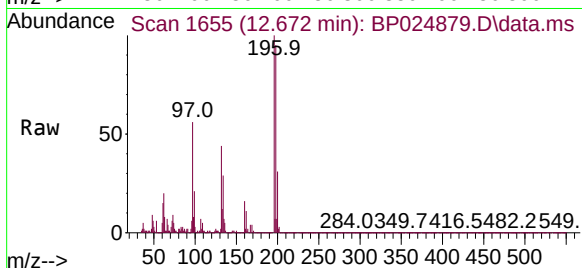
200 31.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#44

2,4,5-Trichlorophenol

Concen: 55.567 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:196 Resp: 689722

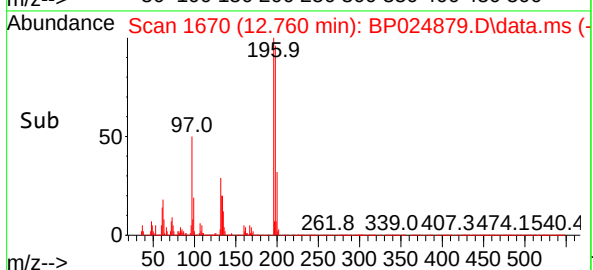
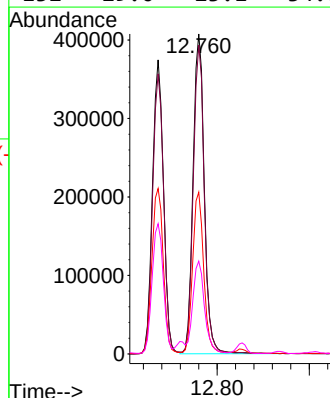
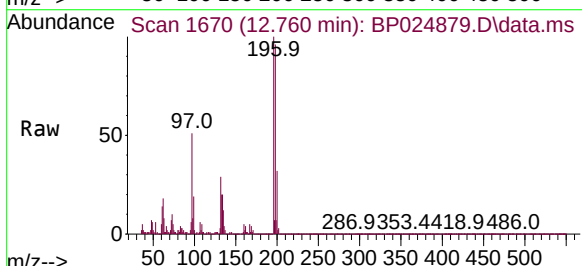
Ion Ratio Lower Upper

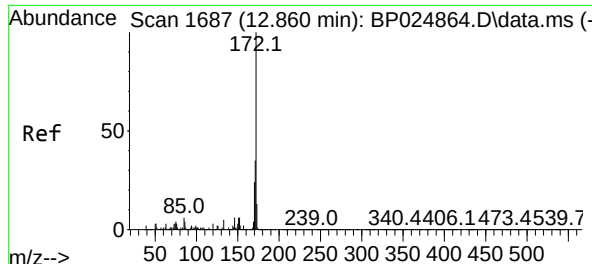
196 100

198 96.5 76.0 114.0

97 50.5 41.5 62.3

132 29.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 85.613 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:172 Resp: 386537

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

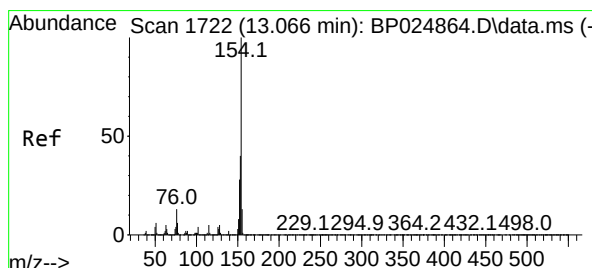
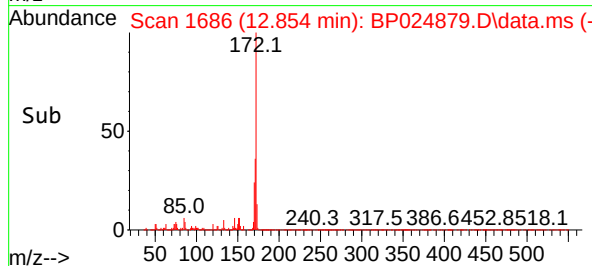
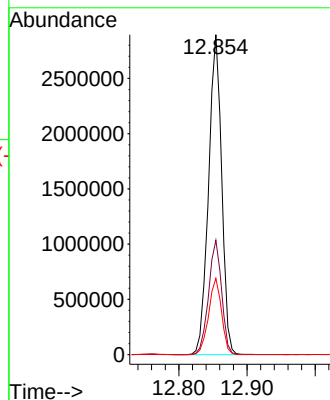
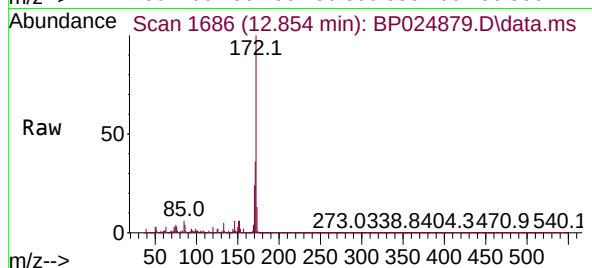
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#46

1,1'-Biphenyl

Concen: 48.195 ng

RT: 13.066 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

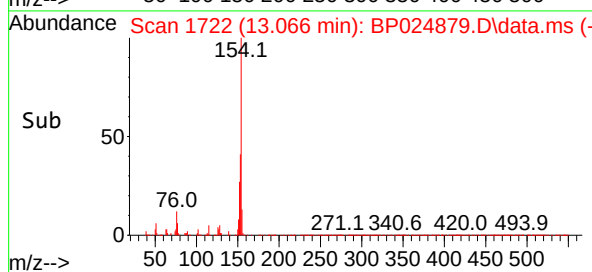
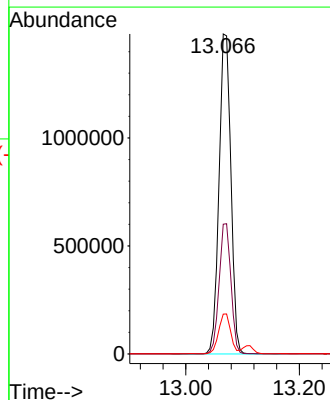
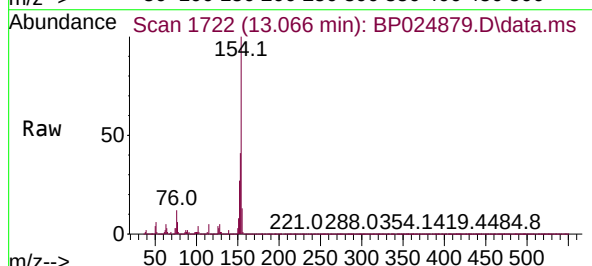
Tgt Ion:154 Resp: 2130271

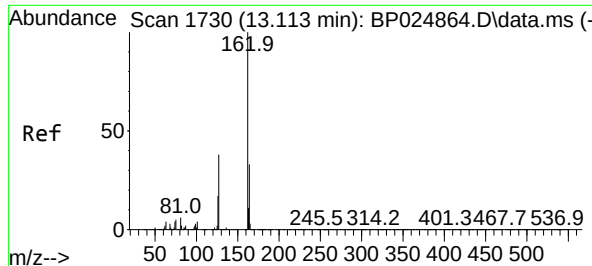
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.5 0.0 33.0





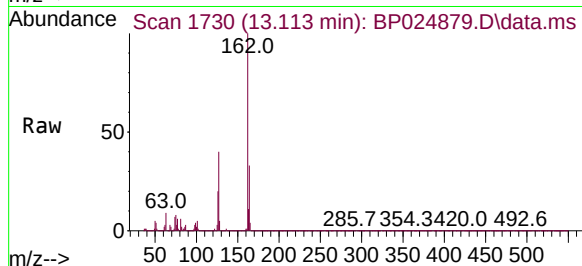
#47
2-Chloronaphthalene
Concen: 46.713 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

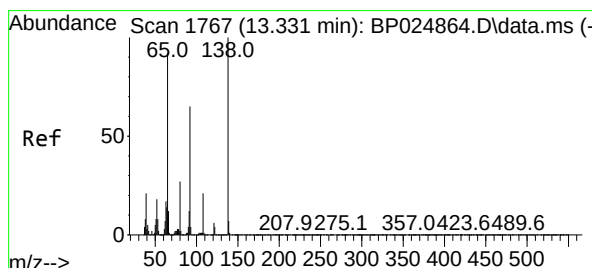
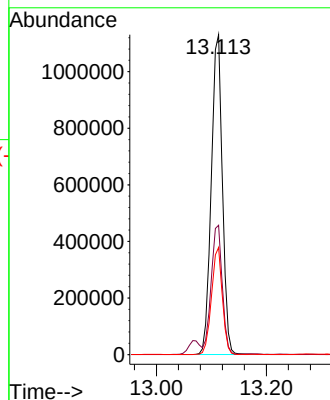
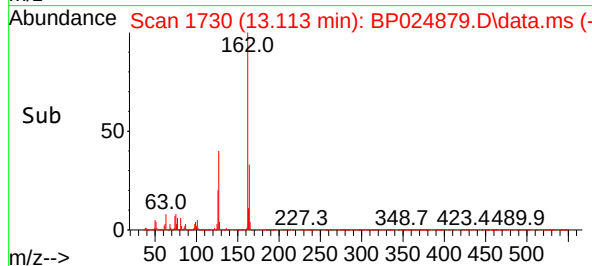


Tgt Ion: 162 Resp: 1586923
Ion Ratio Lower Upper
162 100
127 40.4 32.5 48.7
164 33.5 26.2 39.2

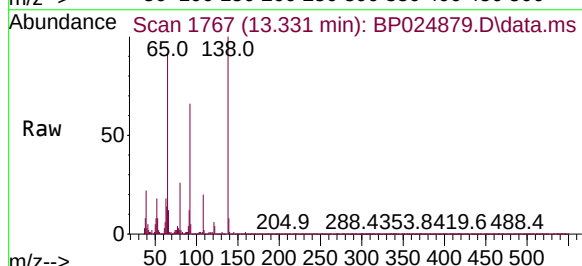
Manual Integrations
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Reviewed By :Rahul Chavli 06/10/2025

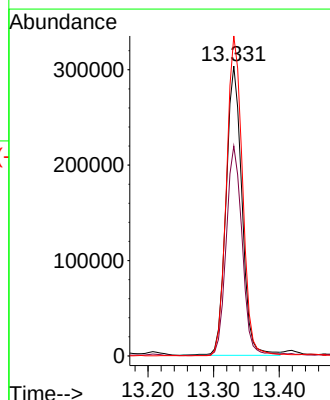
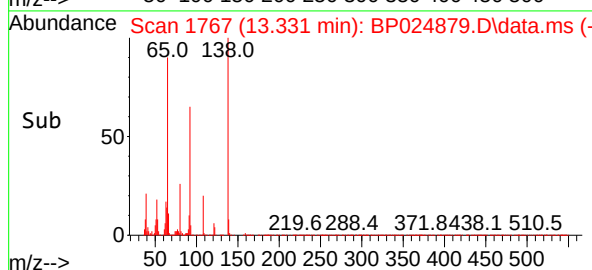
Supervised By :Jagrut Upadhyay 06/10/2025

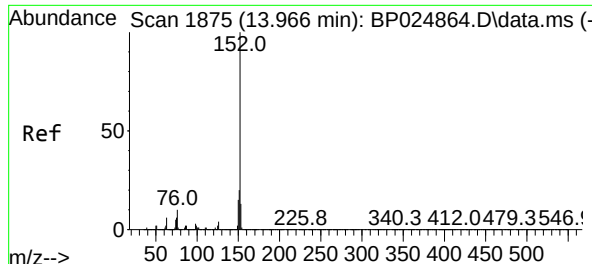


#48
2-Nitroaniline
Concen: 49.201 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion: 65 Resp: 513858
Ion Ratio Lower Upper
65 100
92 72.4 56.8 85.2
138 110.4 86.9 130.3





#49

Acenaphthylene

Concen: 48.695 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:152 Resp: 275827

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

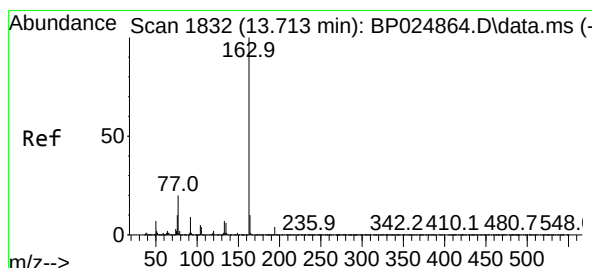
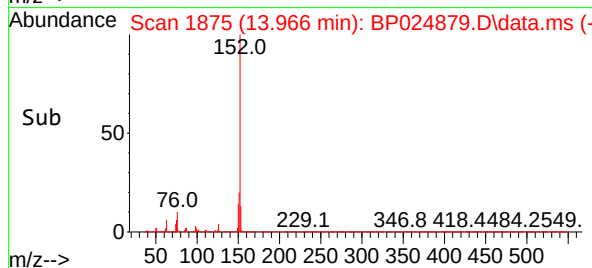
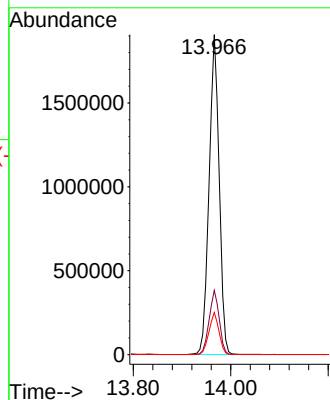
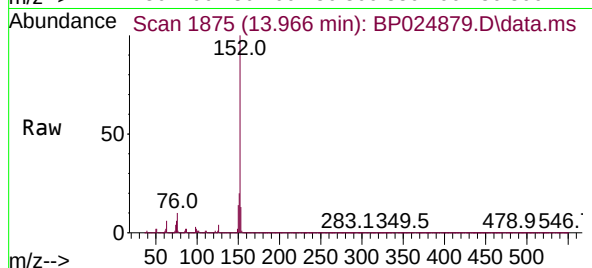
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#50

Dimethylphthalate

Concen: 51.855 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

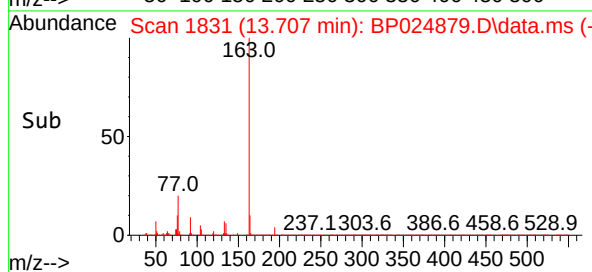
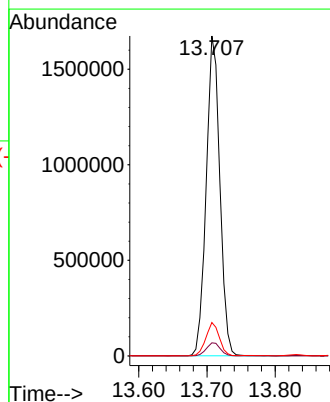
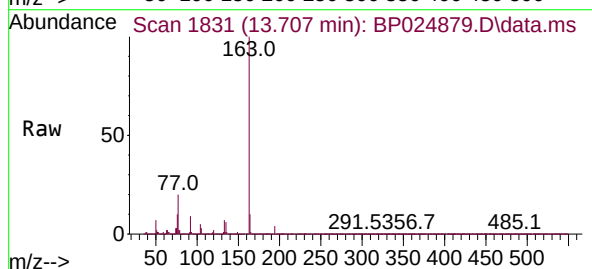
Tgt Ion:163 Resp: 2326607

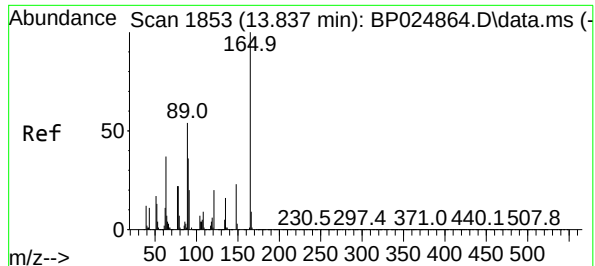
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

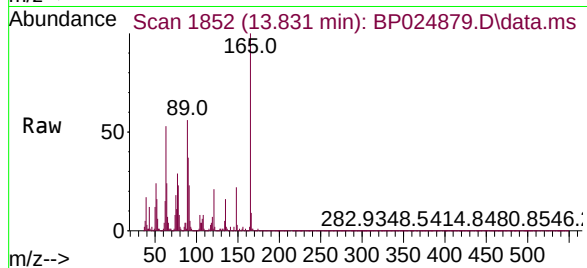
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 53.809 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

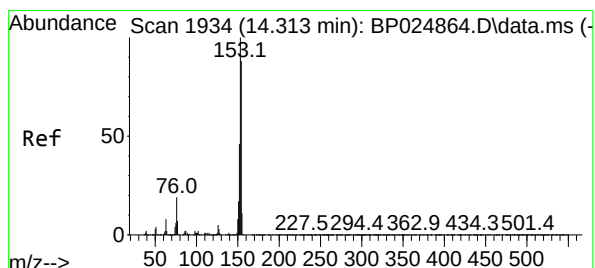
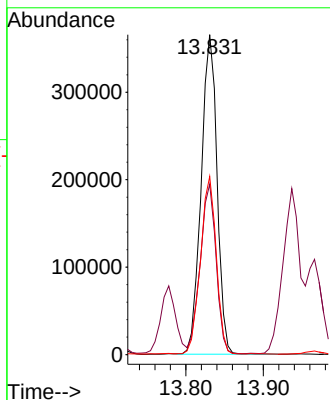
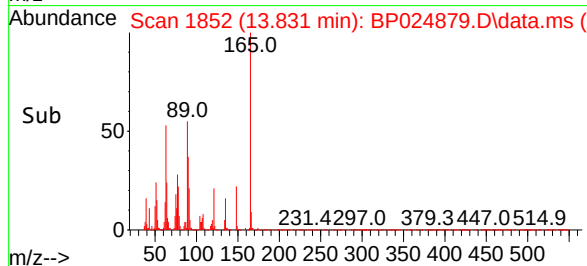
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:165 Resp: 520460
Ion Ratio Lower Upper
165 100
63 53.3 41.8 62.8
89 55.7 43.1 64.7

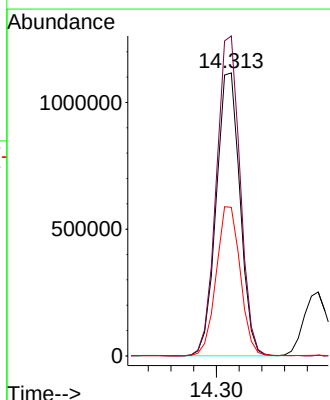
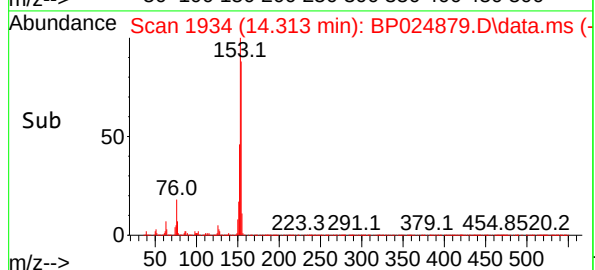
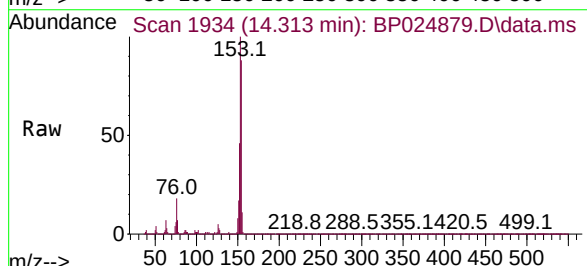
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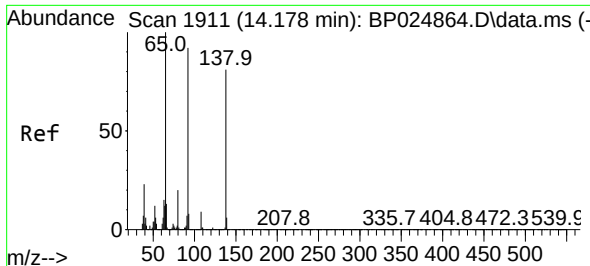
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 50.024 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

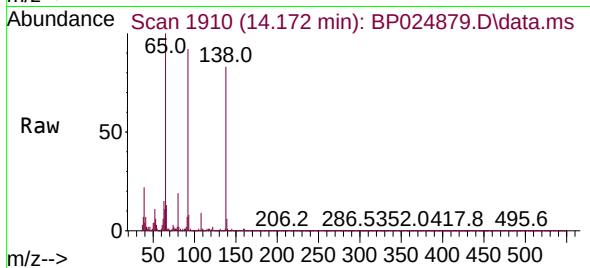
Tgt Ion:154 Resp: 1623696
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 52.5 42.1 63.1





#53
3-Nitroaniline
Concen: 32.579 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

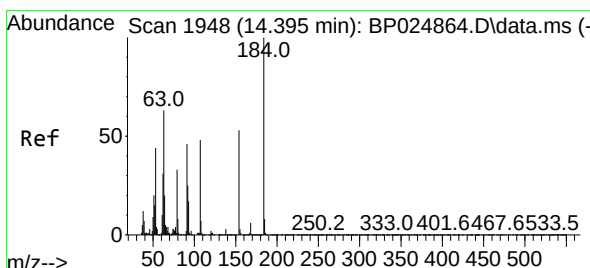
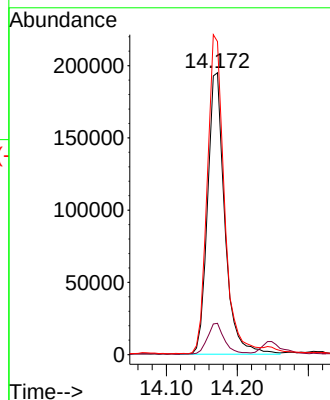
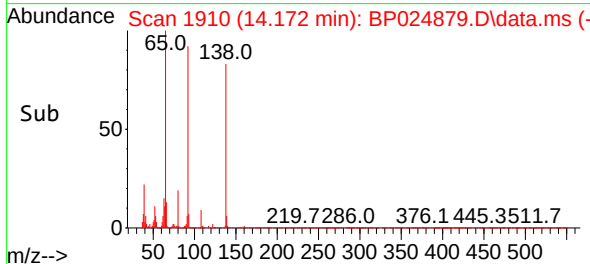
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:138 Resp: 327021
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 111.1 91.3 136.9

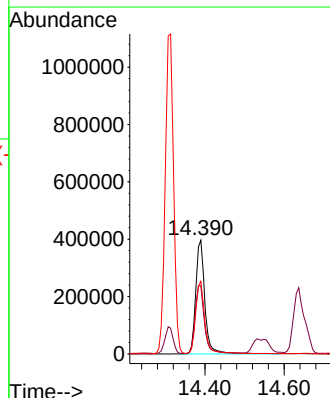
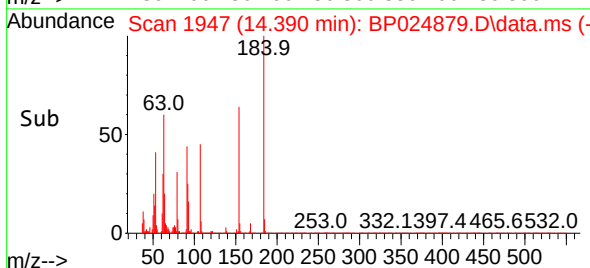
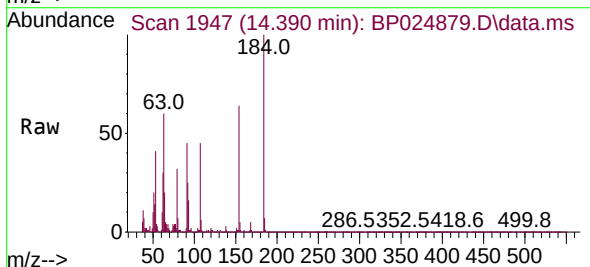
Manual Integrations
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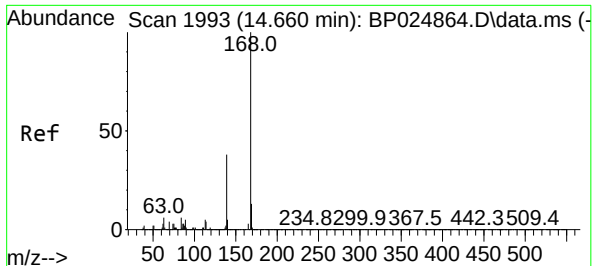
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#54
2,4-Dinitrophenol
Concen: 98.895 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:184 Resp: 631766
Ion Ratio Lower Upper
184 100
63 59.9 51.0 76.4
154 63.7 51.7 77.5





#55

Dibenzenofuran

Concen: 50.534 ng

RT: 14.654 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:168 Resp: 263290

Ion Ratio Lower Upper

168 100

139 39.3 31.6 47.4

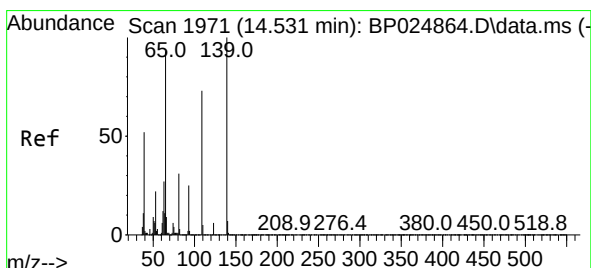
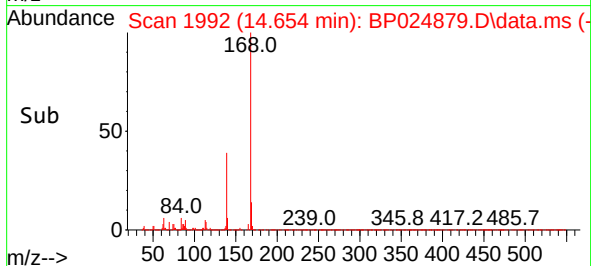
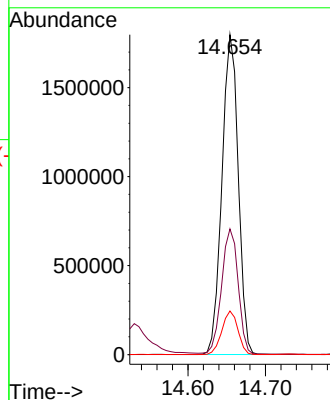
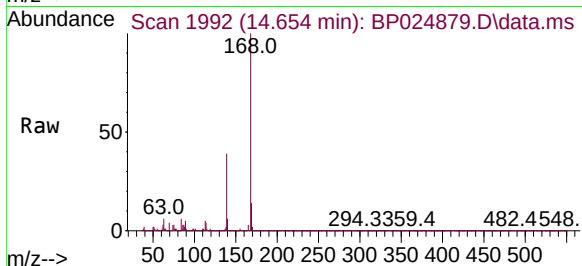
169 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#56

4-Nitrophenol

Concen: 46.400 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

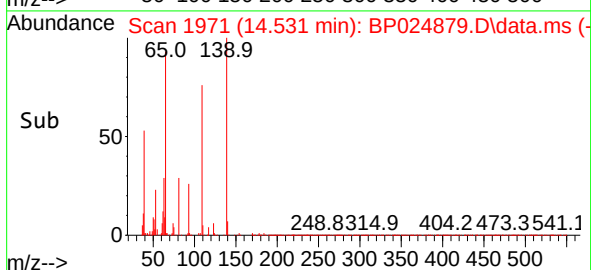
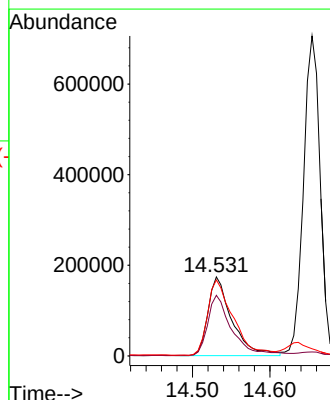
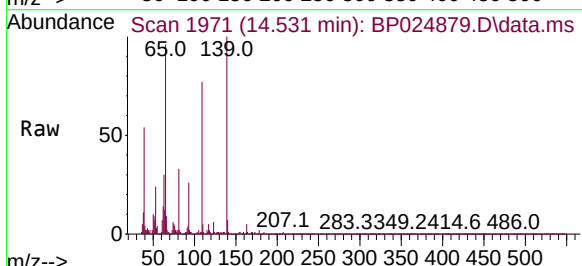
Tgt Ion:139 Resp: 373587

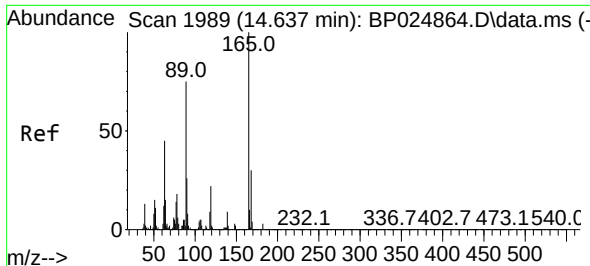
Ion Ratio Lower Upper

139 100

109 76.7 53.1 93.1

65 96.1 73.0 113.0





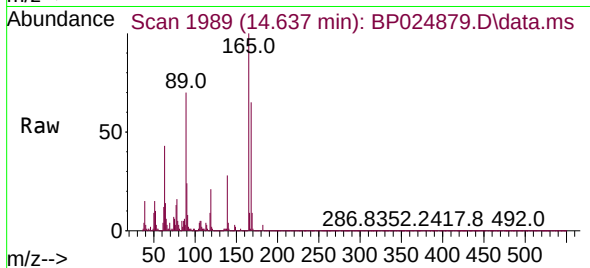
#57
2,4-Dinitrotoluene
Concen: 57.752 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

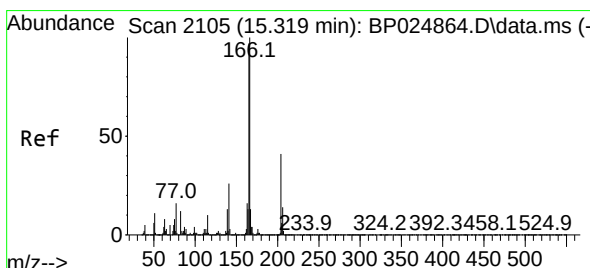
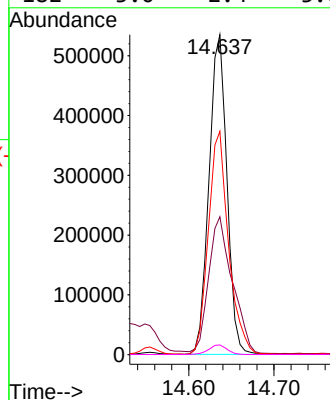
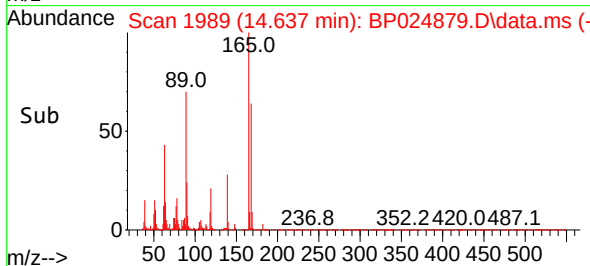


Tgt Ion:165 Resp: 781392
Ion Ratio Lower Upper
165 100
63 43.1 37.0 55.6
89 69.8 60.1 90.1
182 3.0 2.4 3.6

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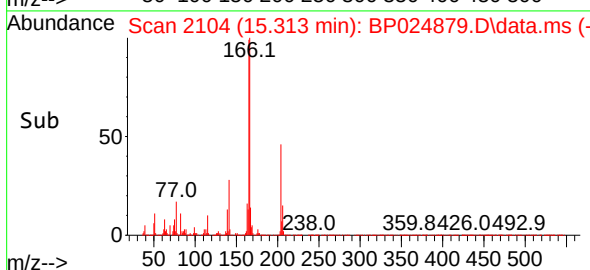
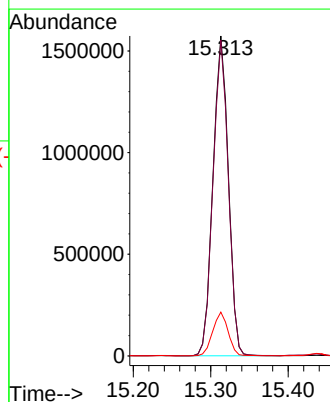
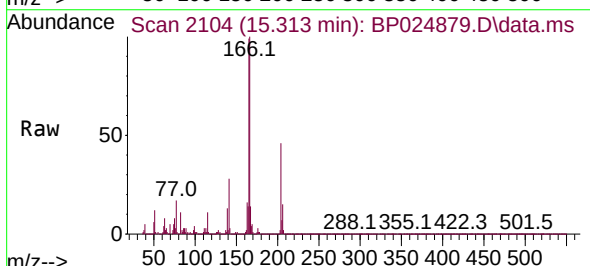
Reviewed By :Rahul Chavli 06/10/2025

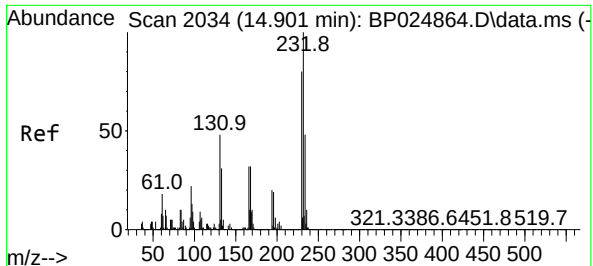
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 51.633 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:166 Resp: 2173195
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.416 ng

RT: 14.895 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:232 Resp: 614576

Ion Ratio Lower Upper

232 100

131 46.6 38.2 57.2

130 2.8 2.1 3.1

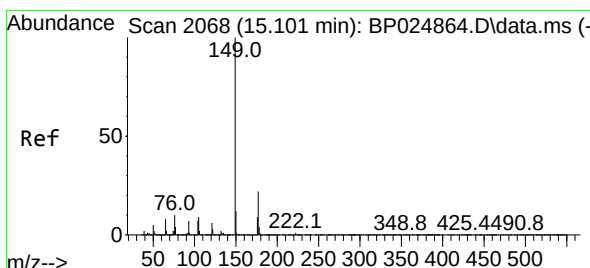
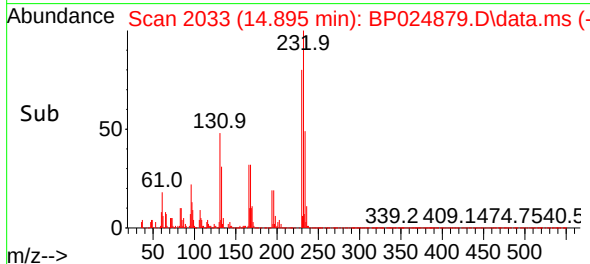
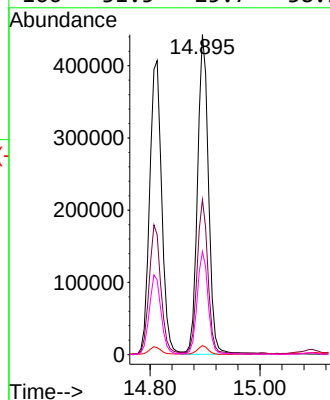
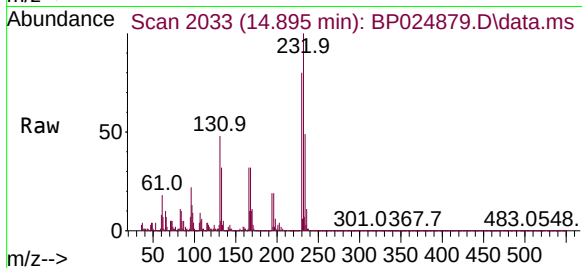
166 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#60

Diethylphthalate

Concen: 54.419 ng

RT: 15.089 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

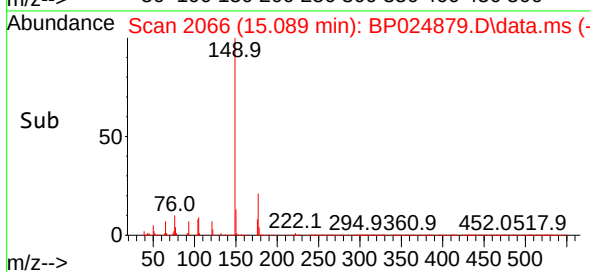
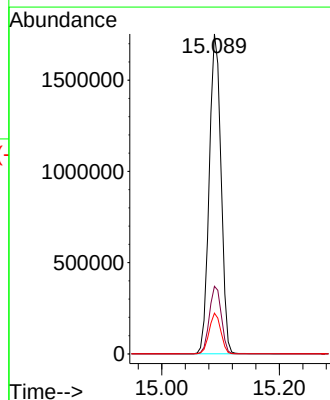
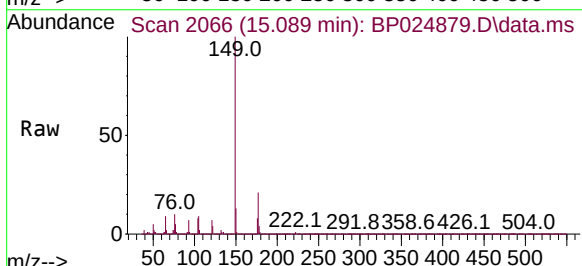
Tgt Ion:149 Resp: 2433354

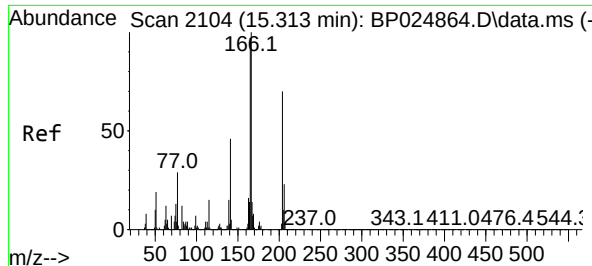
Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

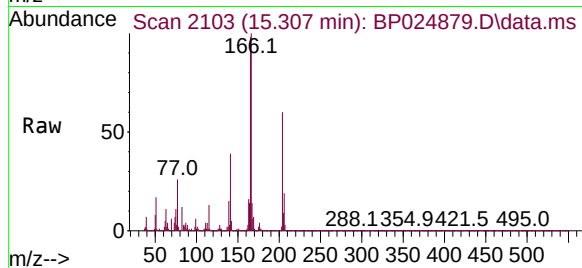
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 51.423 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

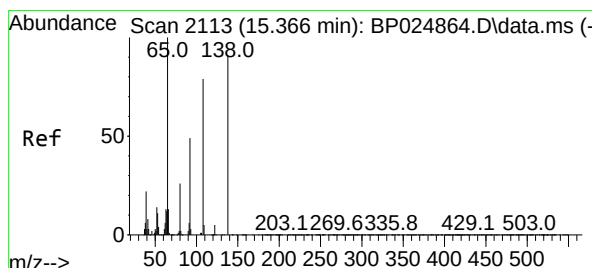
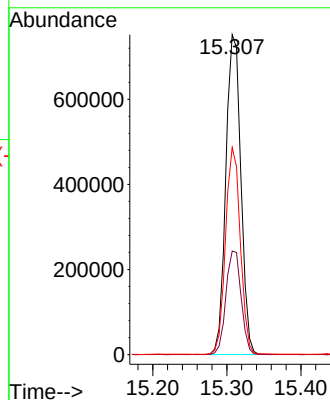
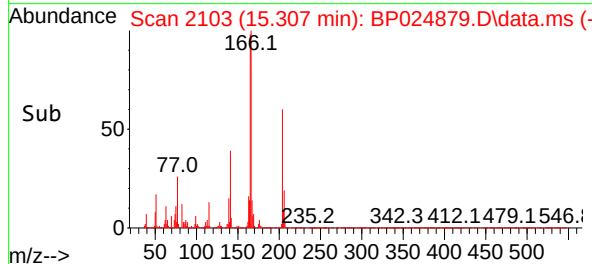
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:204 Resp: 105825
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.7 52.4 78.6

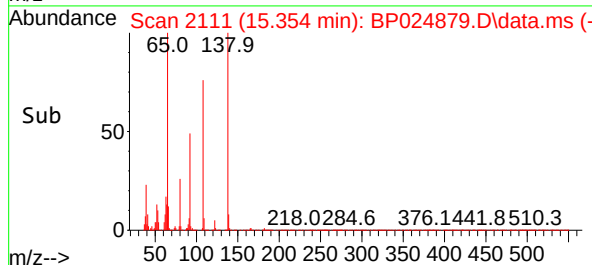
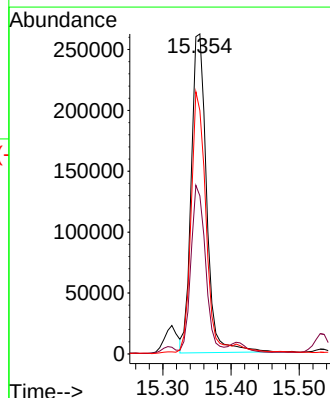
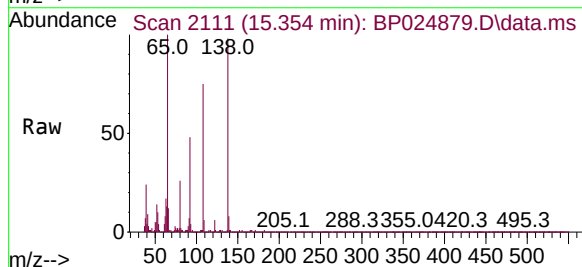
Manual Integrations
APPROVED

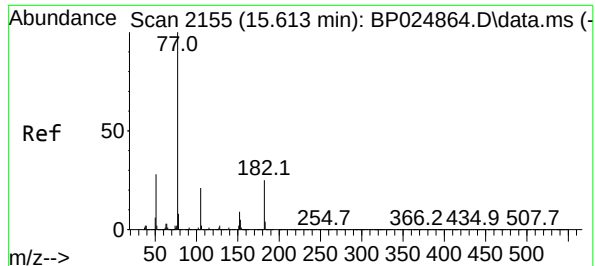
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 45.131 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

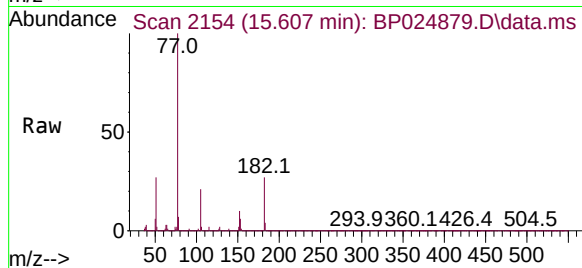
Tgt Ion:138 Resp: 410751
Ion Ratio Lower Upper
138 100
92 49.4 33.5 73.5
108 76.0 65.1 105.1





#63
Azobenzene
Concen: 53.685 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

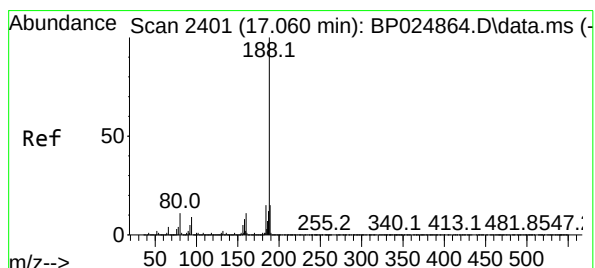
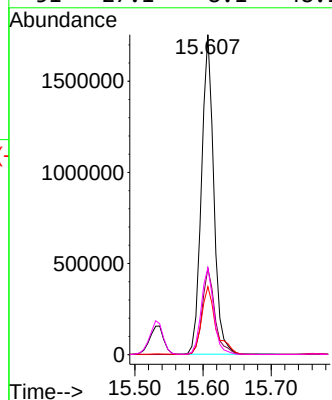
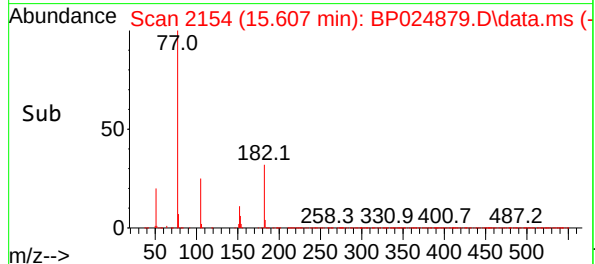
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



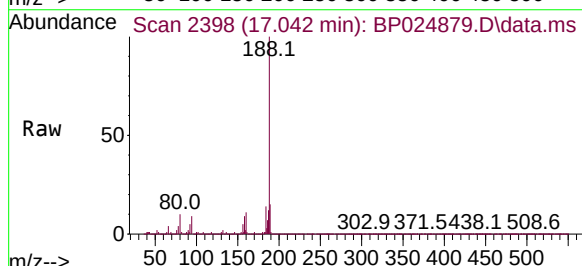
Tgt Ion: 77 Resp: 2201630
Ion Ratio Lower Upper
77 100
182 27.0 5.4 45.4
105 21.2 0.8 40.8
51 27.1 8.1 48.1

Manual Integrations
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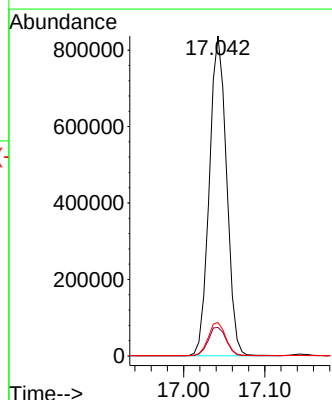
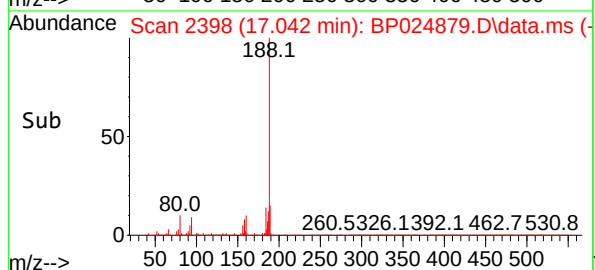
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

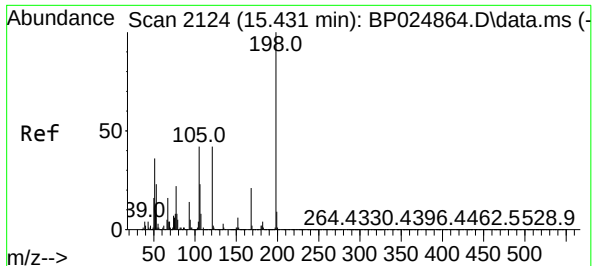


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:188 Resp: 1235201
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 10.4 8.5 12.7





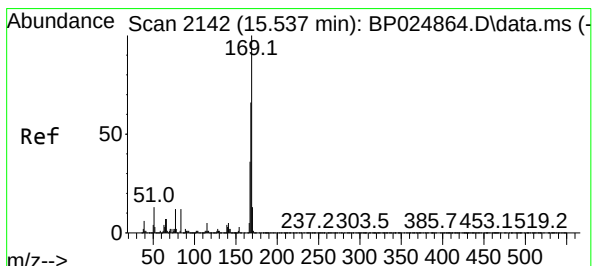
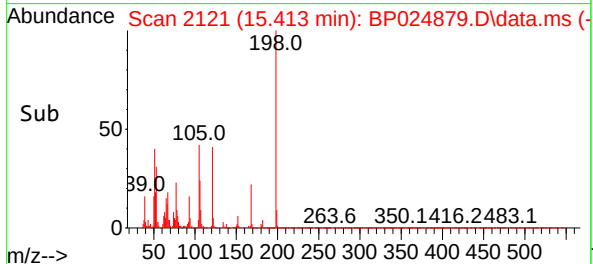
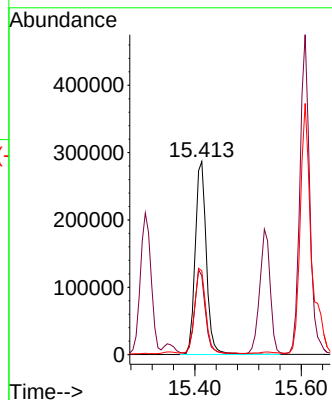
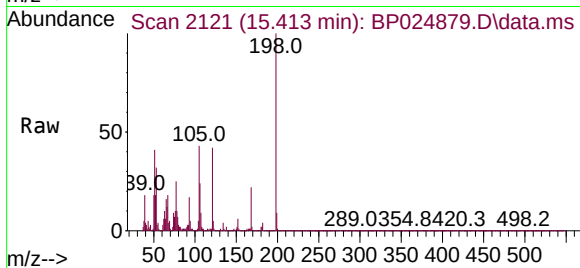
#65
4,6-Dinitro-2-methylphenol
Concen: 51.415 ng
RT: 15.413 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Tgt Ion:198 Resp: 417305
Ion Ratio Lower Upper
198 100
51 40.8 19.2 59.2
105 43.4 22.6 62.6

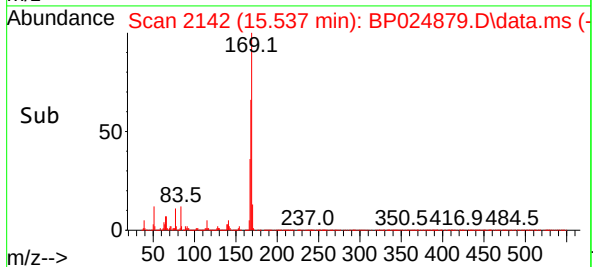
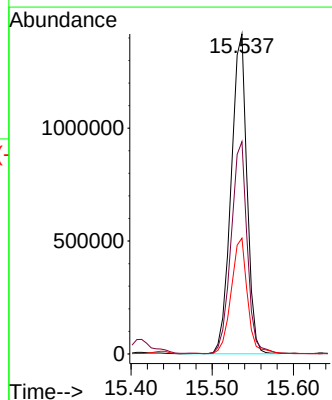
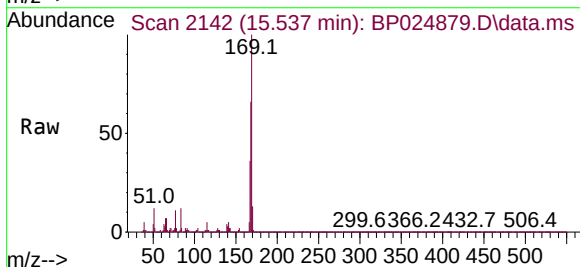
Manual Integrations
APPROVED

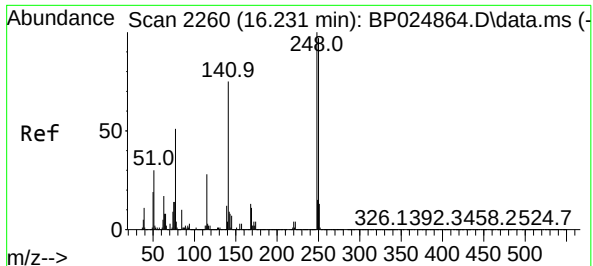
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#66
n-Nitrosodiphenylamine
Concen: 50.300 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

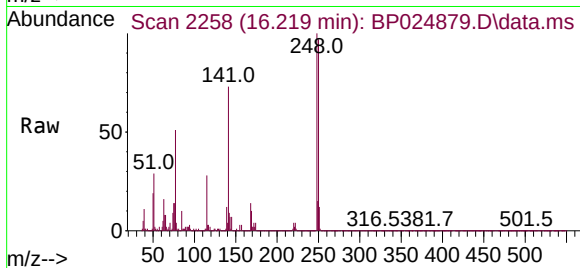
Tgt Ion:169 Resp: 1925767
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 50.892 ng
RT: 16.219 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

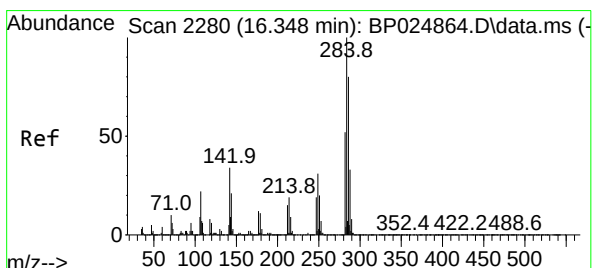
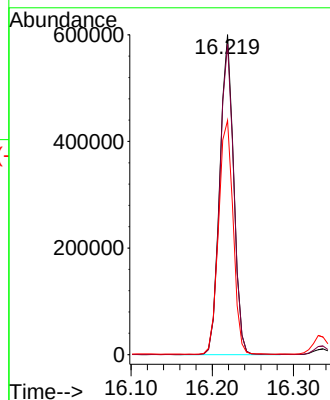
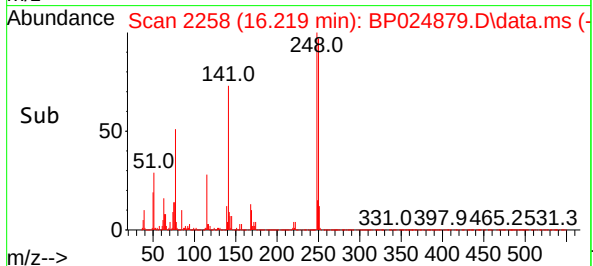
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



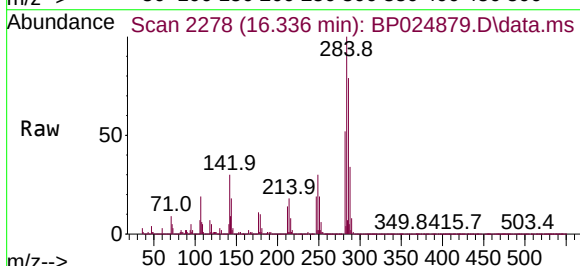
Tgt Ion:248 Resp: 709283
Ion Ratio Lower Upper
248 100
250 97.1 77.4 116.2
141 73.2 59.9 89.9

Manual Integrations
APPROVED

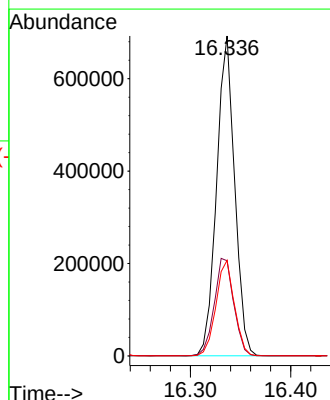
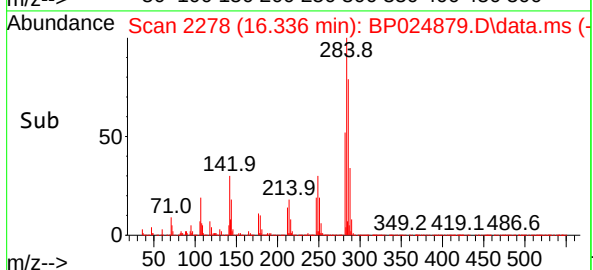
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

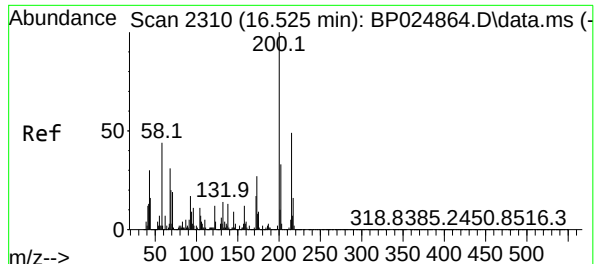


#68
Hexachlorobenzene
Concen: 51.306 ng
RT: 16.336 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:284 Resp: 866860
Ion Ratio Lower Upper
284 100
142 29.7 27.0 40.6
249 29.9 25.0 37.6





#69

Atrazine

Concen: 55.473 ng

RT: 16.513 min Scan# 2310

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:200 Resp: 769920

Ion Ratio Lower Upper

200 100

173 26.0 6.9 46.9

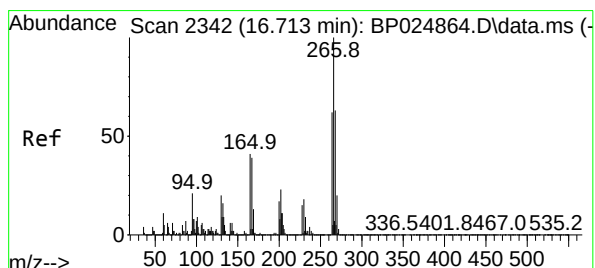
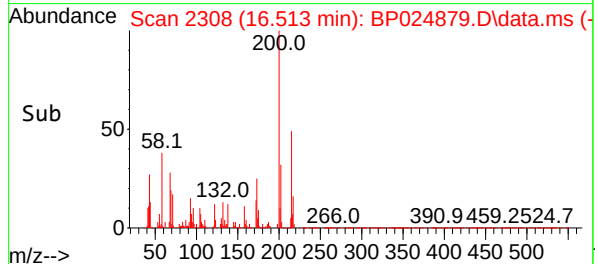
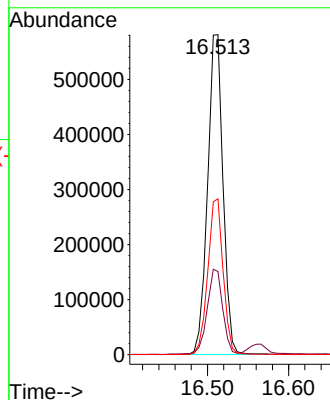
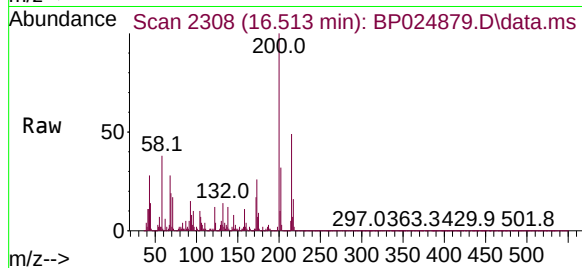
215 48.7 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#70

Pentachlorophenol

Concen: 135.284 ng

RT: 16.701 min Scan# 2340

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

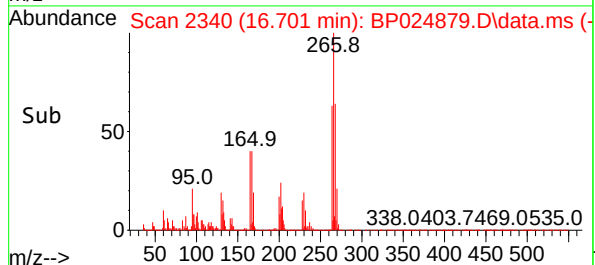
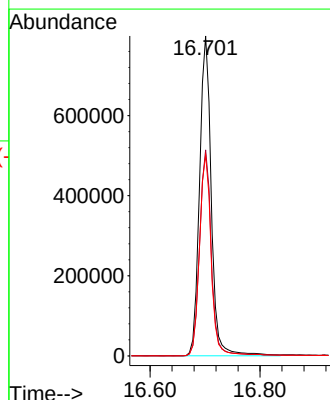
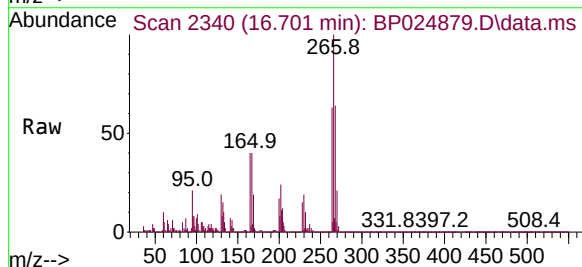
Tgt Ion:266 Resp: 1182979

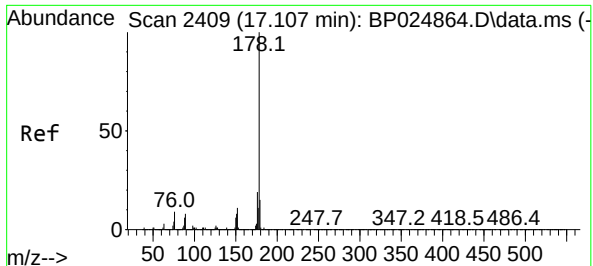
Ion Ratio Lower Upper

266 100

268 64.4 50.6 76.0

264 62.9 49.7 74.5





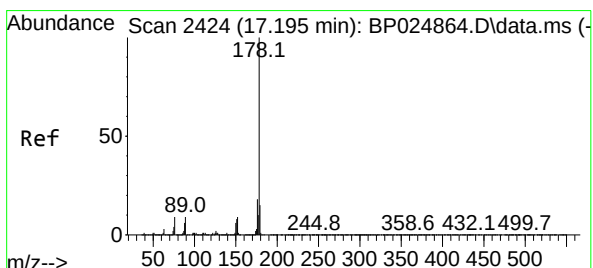
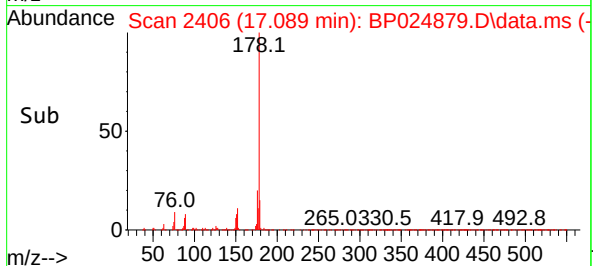
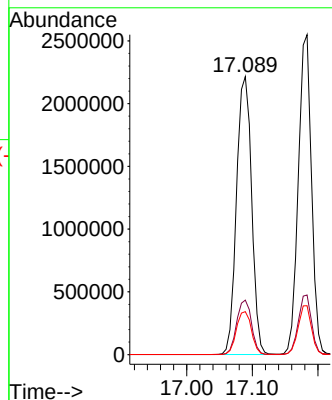
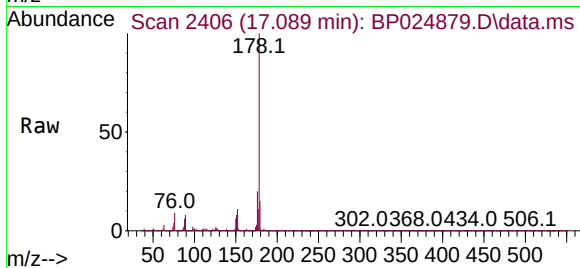
#71
Phenanthrene
Concen: 51.597 ng
RT: 17.089 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Tgt Ion:178 Resp: 3521952
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 12.1 18.1

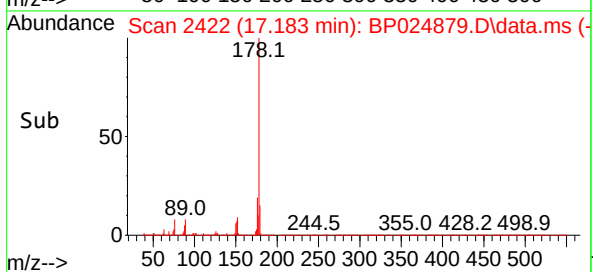
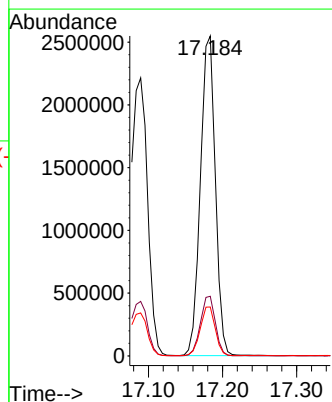
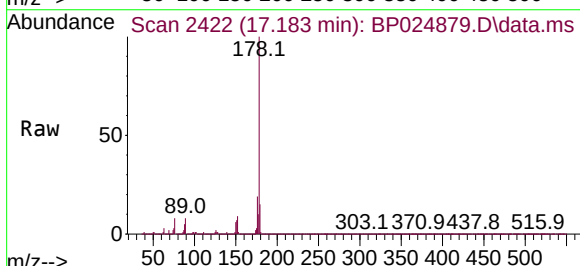
Manual Integrations
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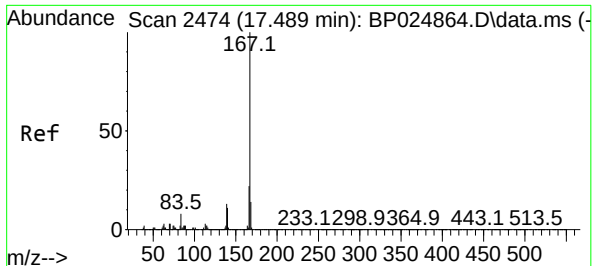
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 51.681 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:178 Resp: 3572743
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.3 18.5





#73

Carbazole

Concen: 55.611 ng

RT: 17.466 min Scan# 2474

Delta R.T. -0.024 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:167 Resp: 3563378

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

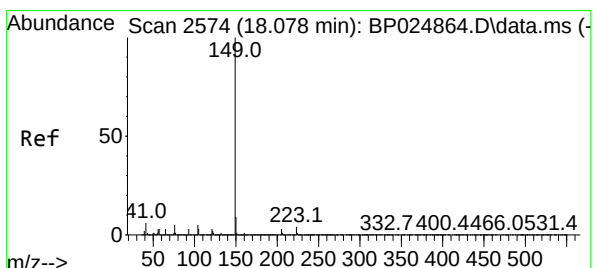
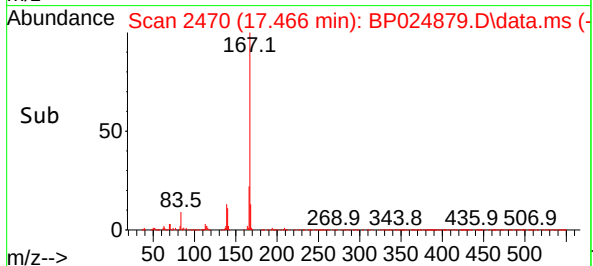
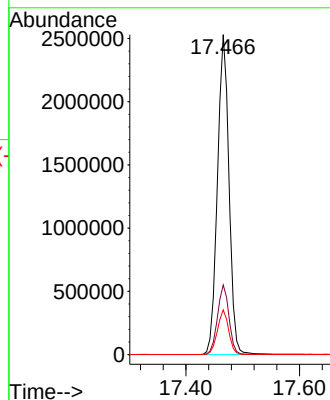
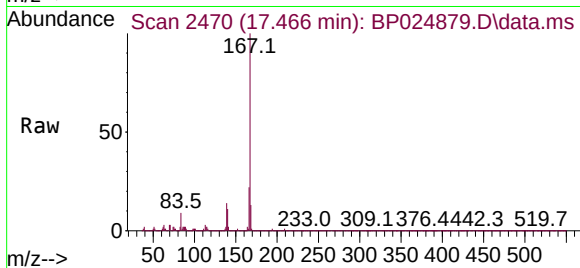
139 14.0 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#74

Di-n-butylphthalate

Concen: 56.055 ng

RT: 18.048 min Scan# 2569

Delta R.T. -0.029 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

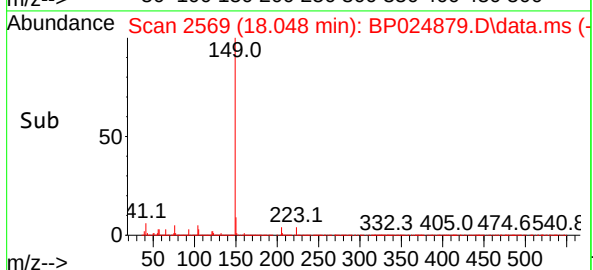
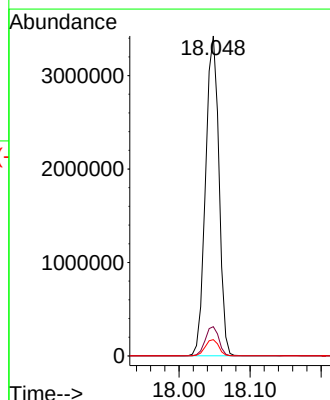
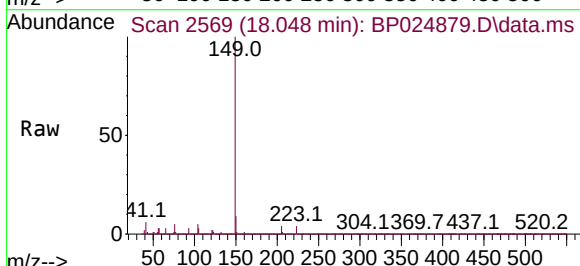
Tgt Ion:149 Resp: 4450239

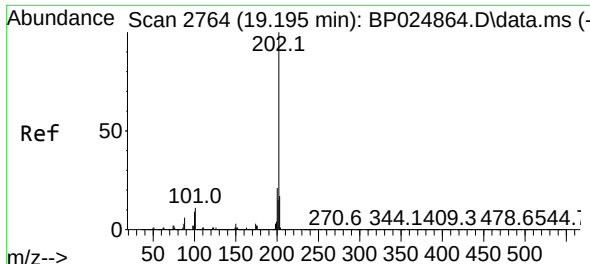
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 4.2 6.2





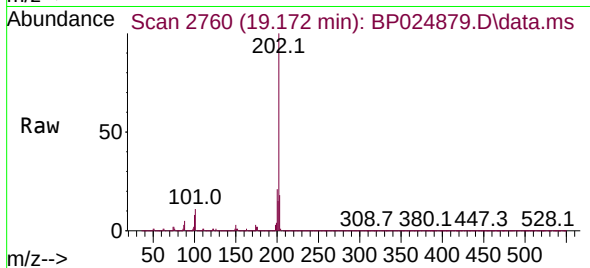
#75
Fluoranthene
Concen: 55.394 ng
RT: 19.172 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

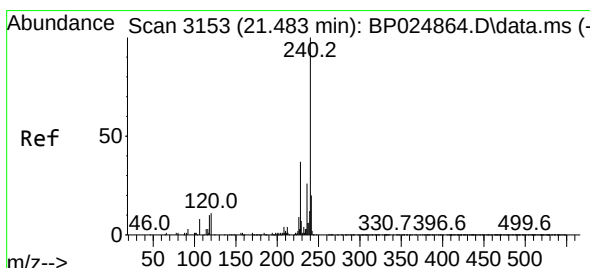
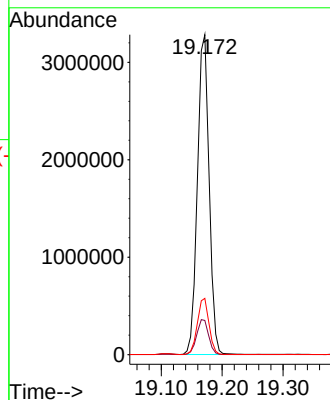
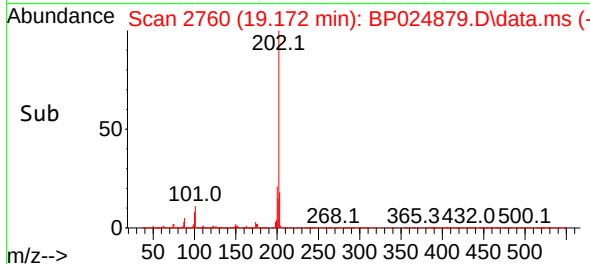


Tgt Ion:202 Resp: 4382489
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.6 0.0 37.5

Manual Integrations
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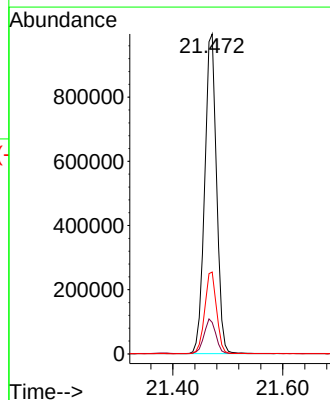
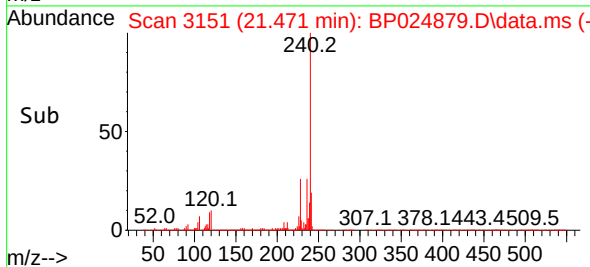
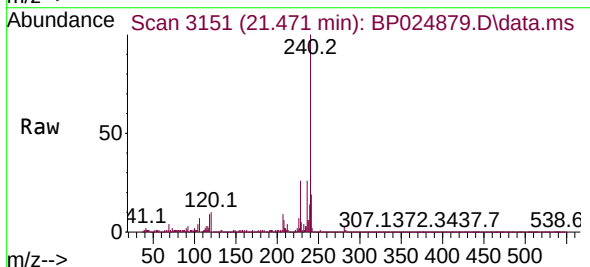
Reviewed By :Rahul Chavli 06/10/2025

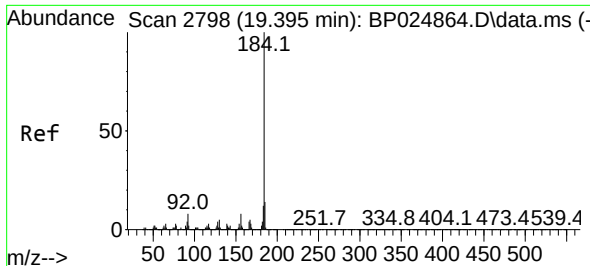
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.471 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:240 Resp: 1490396
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.6 20.9 31.3





#77

Benzidine

Concen: 0.442 ng m

RT: 19.395 min Scan# 2798

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

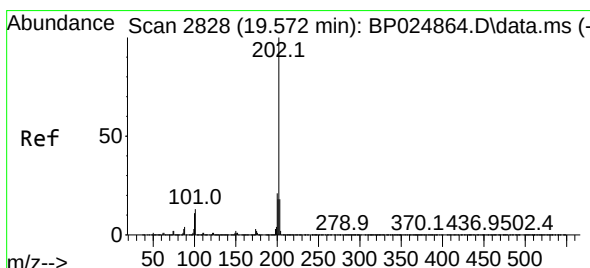
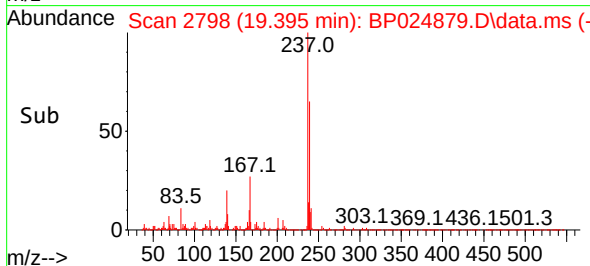
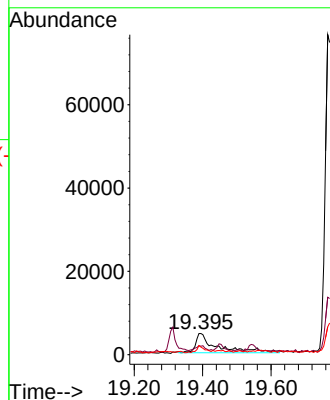
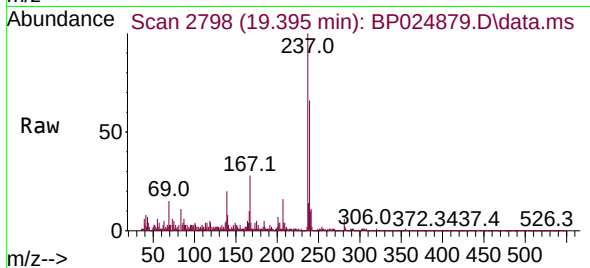
Tgt Ion	Ratio	Lower	Upper
184	100		
185	39.8	11.4	17.0
183	35.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#78

Pyrene

Concen: 49.362 ng

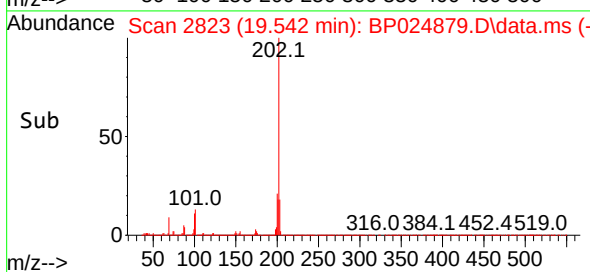
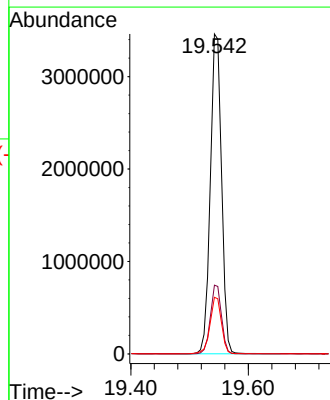
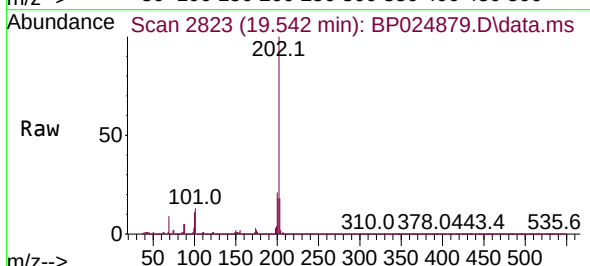
RT: 19.542 min Scan# 2823

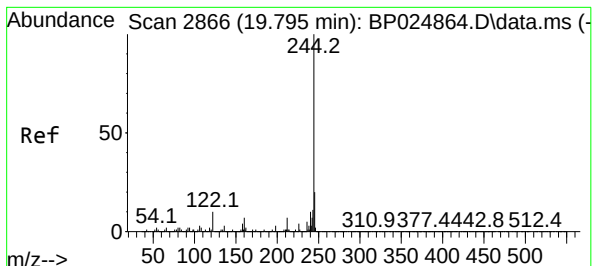
Delta R.T. -0.029 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.7	14.0	21.0





#79

Terphenyl-d14

Concen: 80.403 ng

RT: 19.772 min Scan# 2862

Delta R.T. -0.024 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:244 Resp: 668616

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

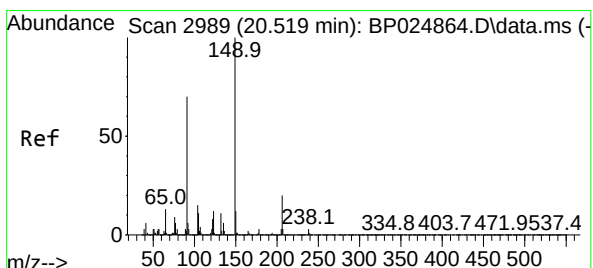
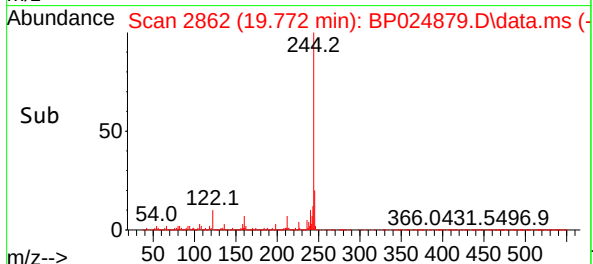
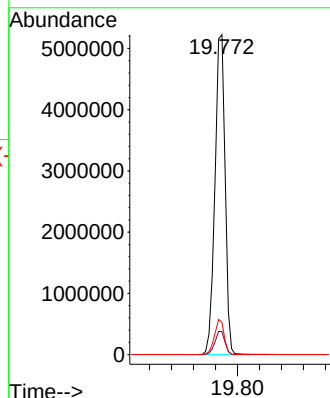
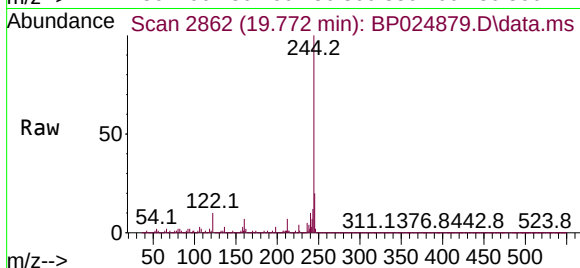
122 10.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#80

Butylbenzylphthalate

Concen: 54.521 ng

RT: 20.501 min Scan# 2986

Delta R.T. -0.018 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

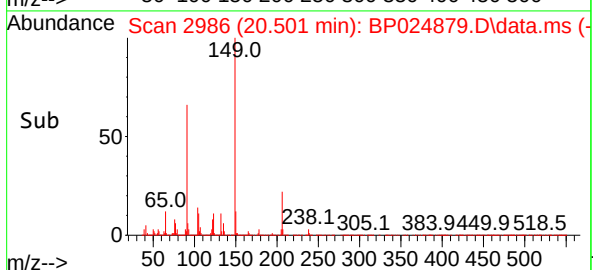
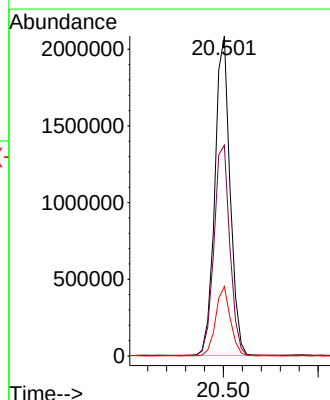
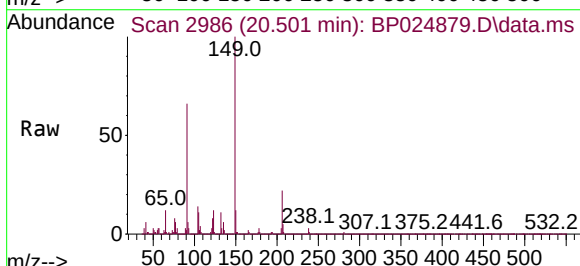
Tgt Ion:149 Resp: 2325334

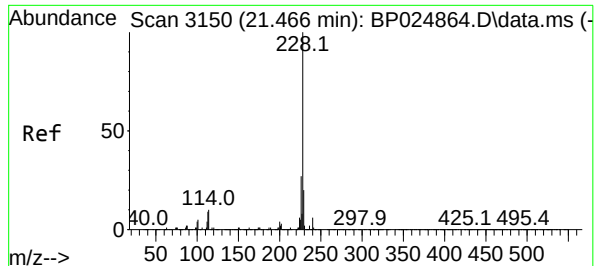
Ion Ratio Lower Upper

149 100

91 65.8 55.8 83.8

206 21.7 16.2 24.2





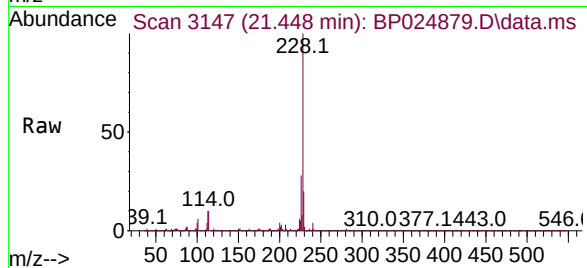
#81
Benzo(a)anthracene
Concen: 52.380 ng
RT: 21.448 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

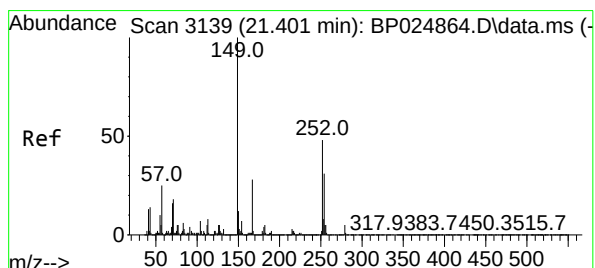
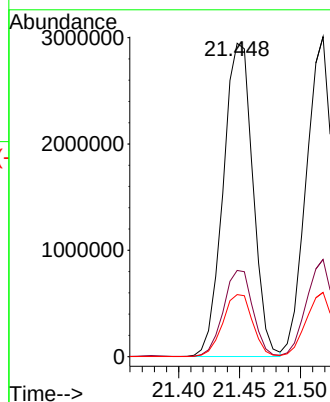
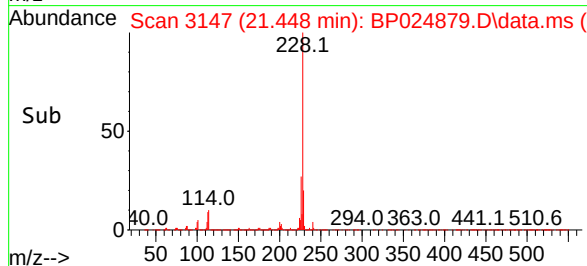


Tgt Ion:228 Resp: 4992990
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.8 15.9 23.9

Manual Integrations
APPROVED

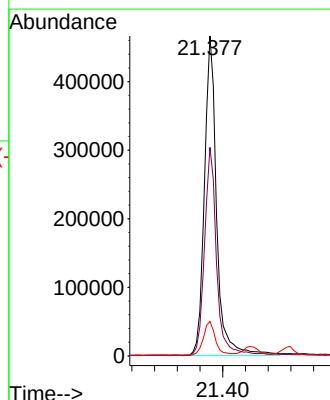
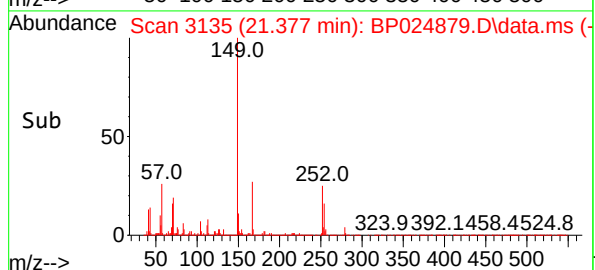
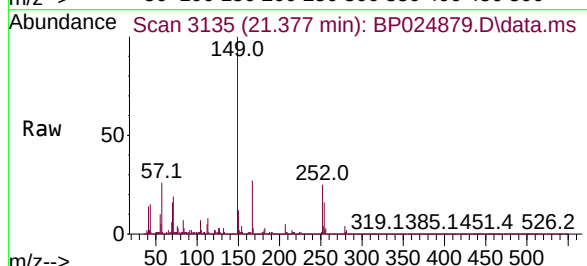
Reviewed By :Rahul Chavli 06/10/2025

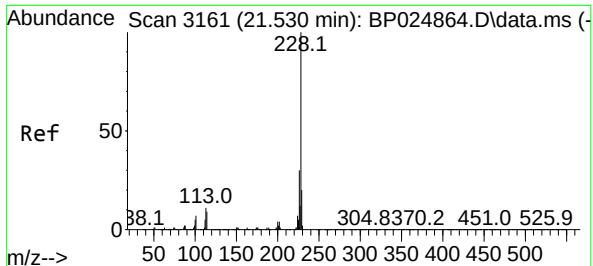
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.352 ng
RT: 21.377 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

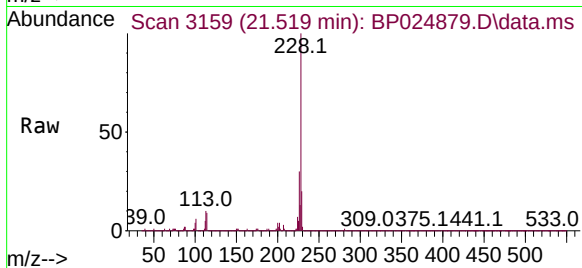
Tgt Ion:252 Resp: 694512
Ion Ratio Lower Upper
252 100
254 65.2 51.2 76.8
126 10.8 8.6 12.8





#83
Chrysene
Concen: 51.249 ng
RT: 21.519 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

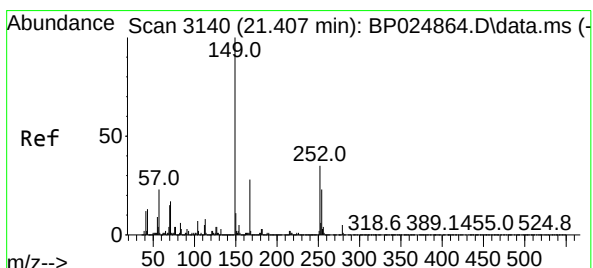
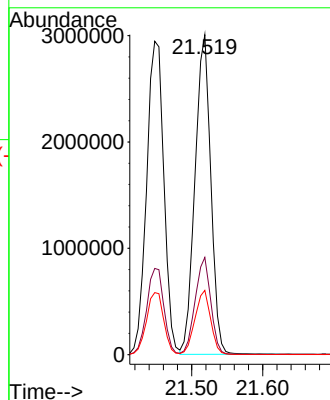
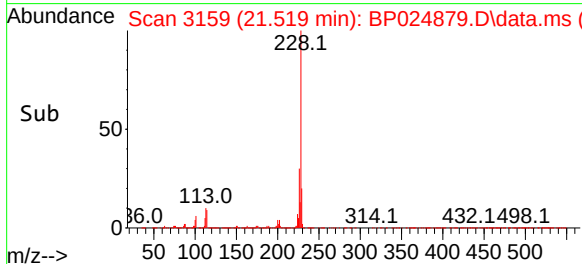
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:228 Resp: 4628895
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 20.1 15.6 23.4

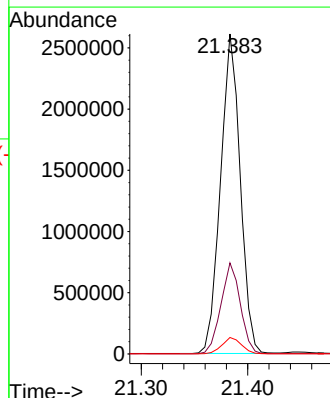
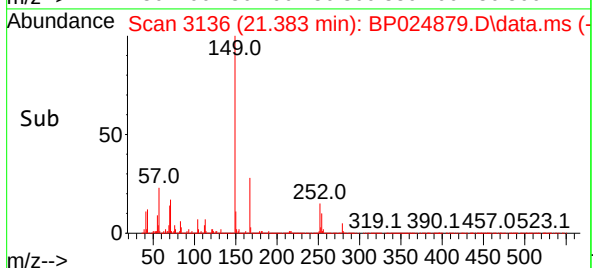
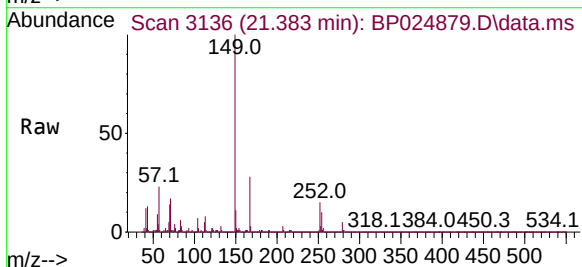
Manual Integrations
APPROVED

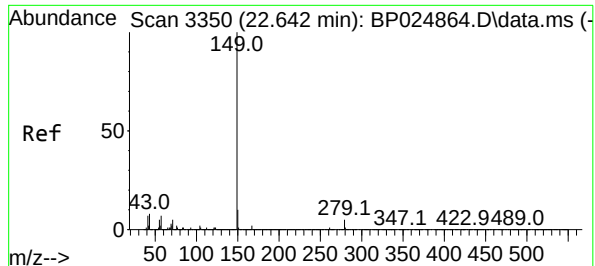
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.031 ng
RT: 21.383 min Scan# 3136
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

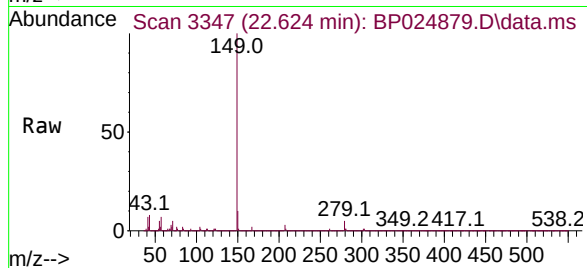
Tgt Ion:149 Resp: 3362786
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 5.1 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 56.069 ng
RT: 22.624 min Scan# 3350
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

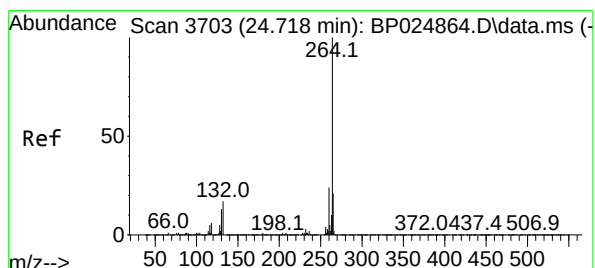
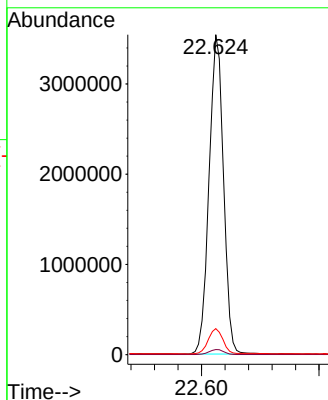
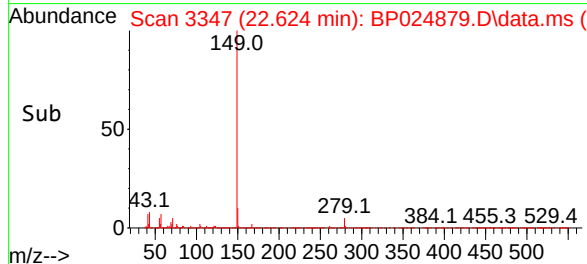
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:149 Resp: 6039039
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.6 10.0

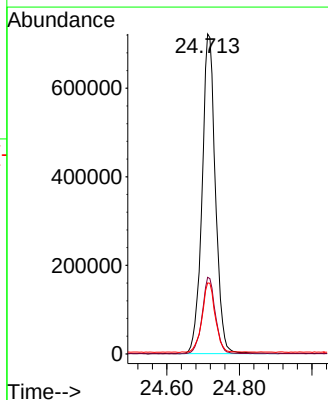
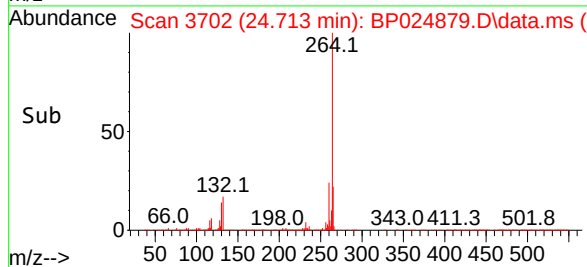
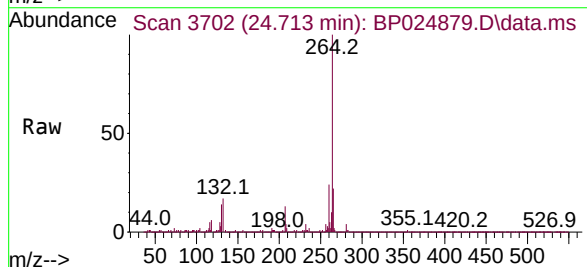
Manual Integrations
APPROVED

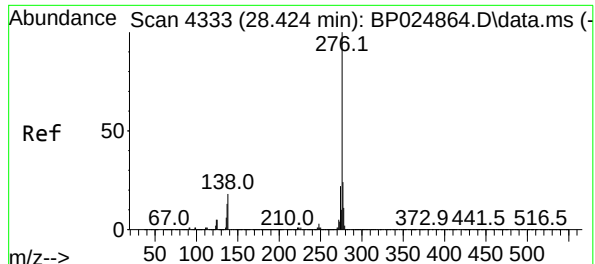
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.713 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:264 Resp: 1839742
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.022 ng

RT: 28.395 min Scan# 4333

Delta R.T. -0.029 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:276 Resp: 7251483

Ion Ratio Lower Upper

276 100

138 16.9 18.6 27.8

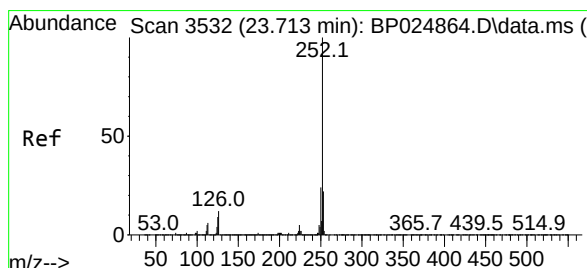
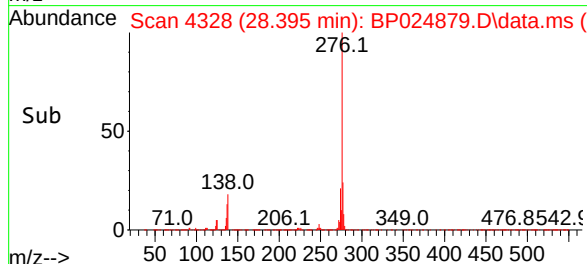
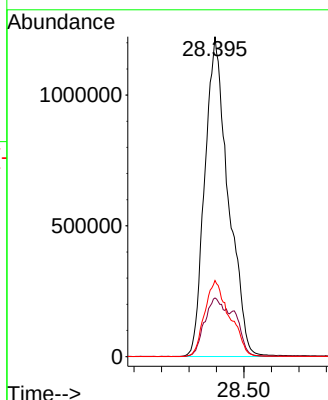
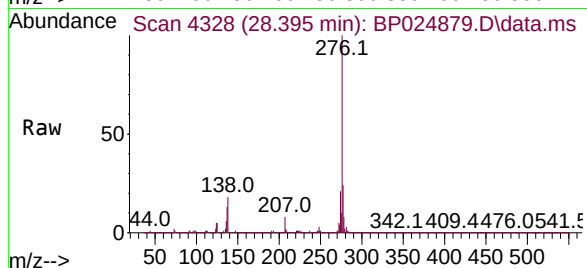
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#88

Benzo(b)fluoranthene

Concen: 53.928 ng

RT: 23.695 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

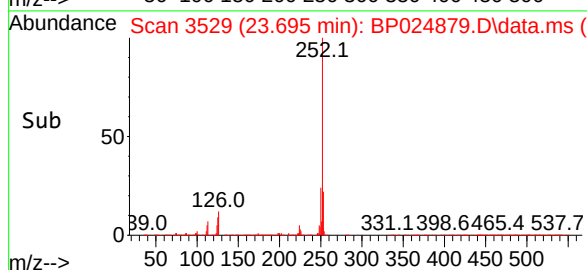
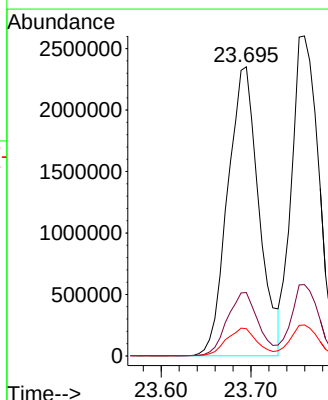
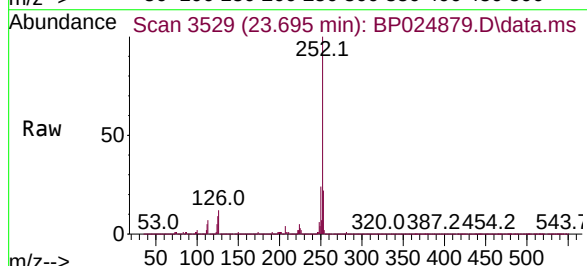
Tgt Ion:252 Resp: 5677984

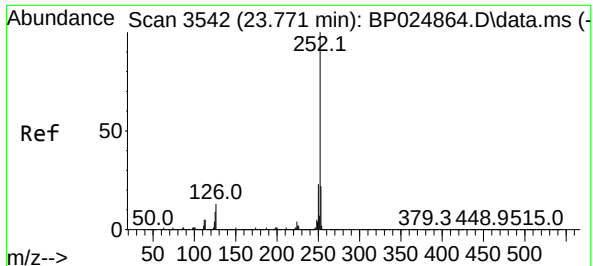
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.958 ng

RT: 23.760 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:252 Resp: 5461372

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

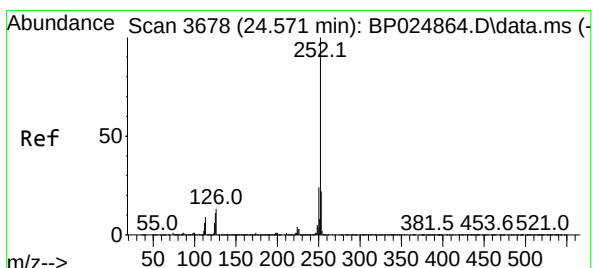
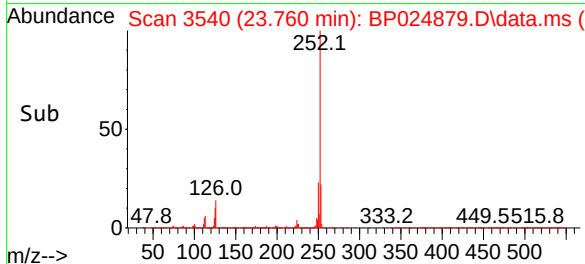
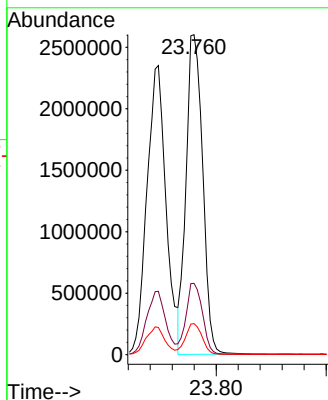
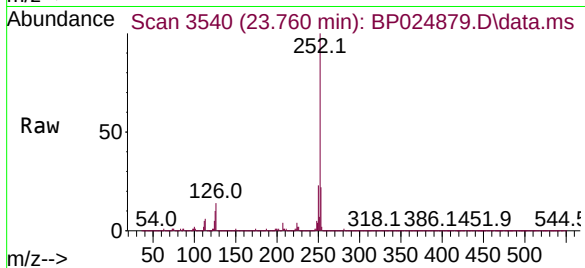
125 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 51.959 ng

RT: 24.565 min Scan# 3677

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

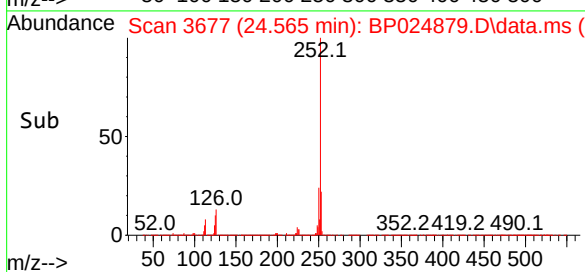
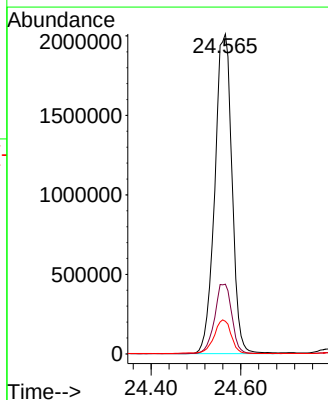
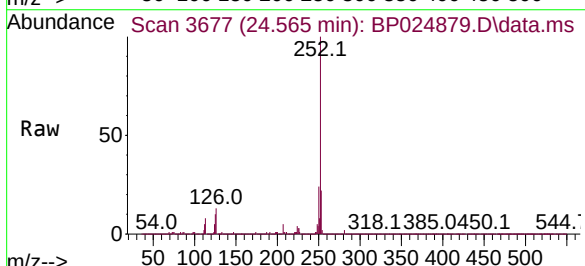
Tgt Ion:252 Resp: 5342607

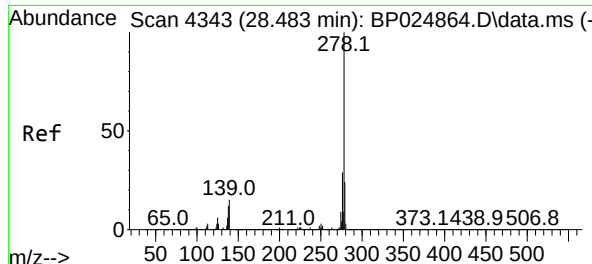
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 55.211 ng

RT: 28.465 min Scan# 4343

Delta R.T. -0.018 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:278 Resp: 6032384

Ion Ratio Lower Upper

278 100

139 14.6 12.0 18.0

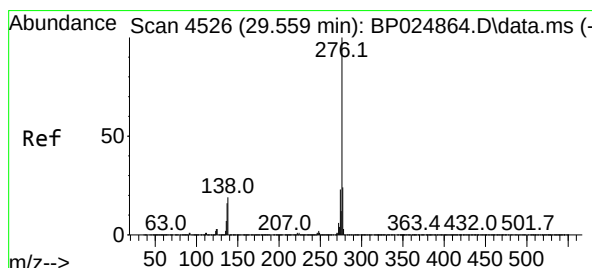
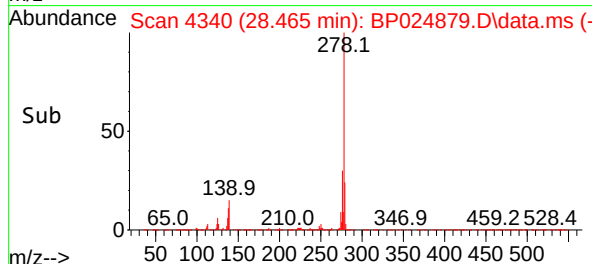
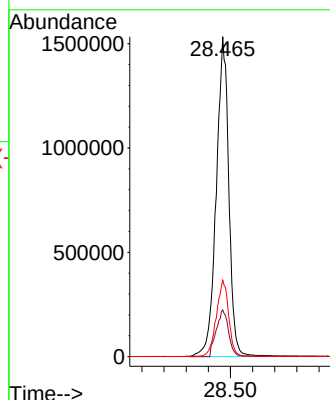
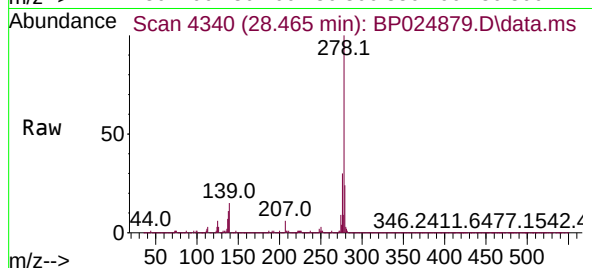
279 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#92

Benzo(g,h,i)perylene

Concen: 54.120 ng

RT: 29.536 min Scan# 4522

Delta R.T. -0.024 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

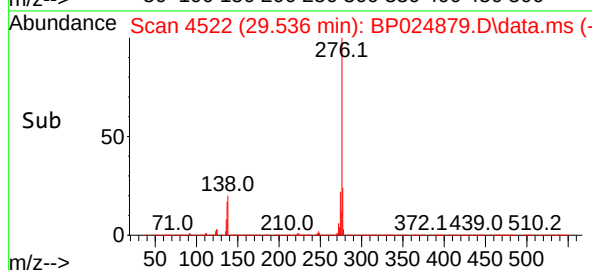
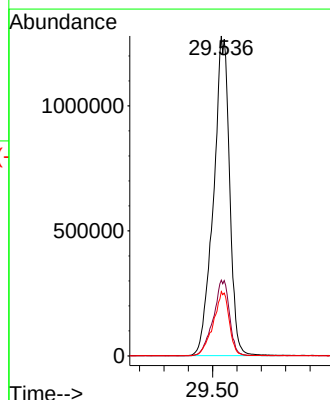
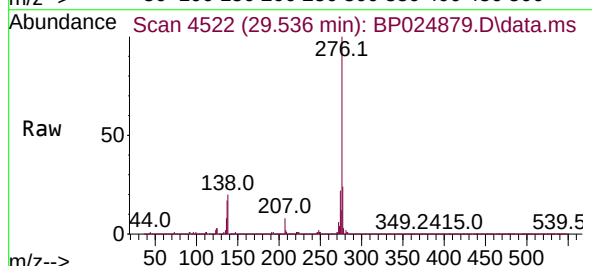
Tgt Ion:276 Resp: 5867002

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 20.1 15.4 23.2



Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2230
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	42.1		0.53	5.30	ug/L
208-96-8	Acenaphthylene	51.1		0.80	5.30	ug/L
83-32-9	Acenaphthene	52.7		0.59	5.30	ug/L
86-73-7	Fluorene	53.9		0.67	5.30	ug/L
85-01-8	Phenanthrene	53.6		0.53	5.30	ug/L
120-12-7	Anthracene	53.0		0.65	5.30	ug/L
206-44-0	Fluoranthene	54.9		0.87	5.30	ug/L
129-00-0	Pyrene	56.8		0.53	5.30	ug/L
56-55-3	Benzo(a)anthracene	55.1		0.48	5.30	ug/L
218-01-9	Chrysene	54.7		0.47	5.30	ug/L
205-99-2	Benzo(b)fluoranthene	56.0		0.52	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	55.1		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	54.8		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.8		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	54.4		0.73	5.30	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.0		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		52 - 132	86%	SPK: 100
1718-51-0	Terphenyl-d14	89.3		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000		7.608		
1146-65-2	Naphthalene-d8	1350000		10.378		
15067-26-2	Acenaphthene-d10	841000		14.248		
1517-22-2	Phenanthrene-d10	1660000		17.042		
1719-03-5	Chrysene-d12	1680000		21.477		
1520-96-3	Perylene-d12	1930000		24.73		

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2230
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP060925\
 Data File : BP024880.D
 Acq On : 09 Jun 2025 16:55
 Operator : RC/JU
 Sample : Q2230-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 17:23:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	335961	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1346862	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	841053	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1657665	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1681535	20.000	ng	0.00
86) Perylene-d12	24.730	264	1927042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1493936	74.225	ng	0.00
7) Phenol-d6	6.813	99	1233920	46.335	ng	0.00
23) Nitrobenzene-d5	8.760	82	2438439	87.976	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1844847	158.655	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	5360805	85.864	ng	0.00
79) Terphenyl-d14	19.772	244	8381201	89.330	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	161256	18.208	ng	# 96
3) Pyridine	3.572	79	330125	15.500	ng	98
4) n-Nitrosodimethylamine	3.478	42	190267	21.852	ng	# 97
6) Aniline	6.949	93	870597	25.617	ng	99
8) 2-Chlorophenol	7.190	128	935721	41.010	ng	99
9) Benzaldehyde	6.766	77	560379	36.508	ng	# 76
10) Phenol	6.843	94	466808	17.004	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	1018320	47.162	ng	99
12) 1,3-Dichlorobenzene	7.502	146	608351	23.900	ng	99
13) 1,4-Dichlorobenzene	7.643	146	628703	24.480	ng	100
14) 1,2-Dichlorobenzene	7.955	146	647114	25.659	ng	98
15) Benzyl Alcohol	7.860	79	695705	34.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1181061	41.791	ng	100
17) 2-Methylphenol	8.072	107	666028	34.742	ng	99
18) Hexachloroethane	8.672	117	226470m	23.422	ng	
19) n-Nitroso-di-n-propyla...	8.413	70	818207	45.196	ng	100
20) 3+4-Methylphenols	8.396	107	946970	36.206	ng	97
22) Acetophenone	8.431	105	1776046	52.192	ng	98
24) Nitrobenzene	8.802	77	1268698	51.524	ng	98
25) Isophorone	9.325	82	2307754	48.041	ng	100
26) 2-Nitrophenol	9.507	139	604321	49.741	ng	99
27) 2,4-Dimethylphenol	9.578	122	915691	44.039	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	1419352	49.533	ng	99
29) 2,4-Dichlorophenol	10.049	162	972262	48.733	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	735365	32.679	ng	98
31) Naphthalene	10.425	128	2733509	39.604	ng	99
32) Benzoic acid	9.749	122	395443	28.143	ng	96
33) 4-Chloroaniline	10.549	127	786095	27.184	ng	99
34) Hexachlorobutadiene	10.707	225	383395	28.269	ng	99
35) Caprolactam	11.401	113	74360	10.125	ng	# 89
36) 4-Chloro-3-methylphenol	11.696	107	1057705	45.963	ng	100
37) 2-Methylnaphthalene	12.043	142	2000223	45.686	ng	100
38) 1-Methylnaphthalene	12.260	142	2147003	45.868	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1093780	45.831	ng	100
41) Hexachlorocyclopentadiene	12.396	237	967365	66.457	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	851953	53.157	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024880.D
 Acq On : 09 Jun 2025 16:55
 Operator : RC/JU
 Sample : Q2230-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 17:23:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

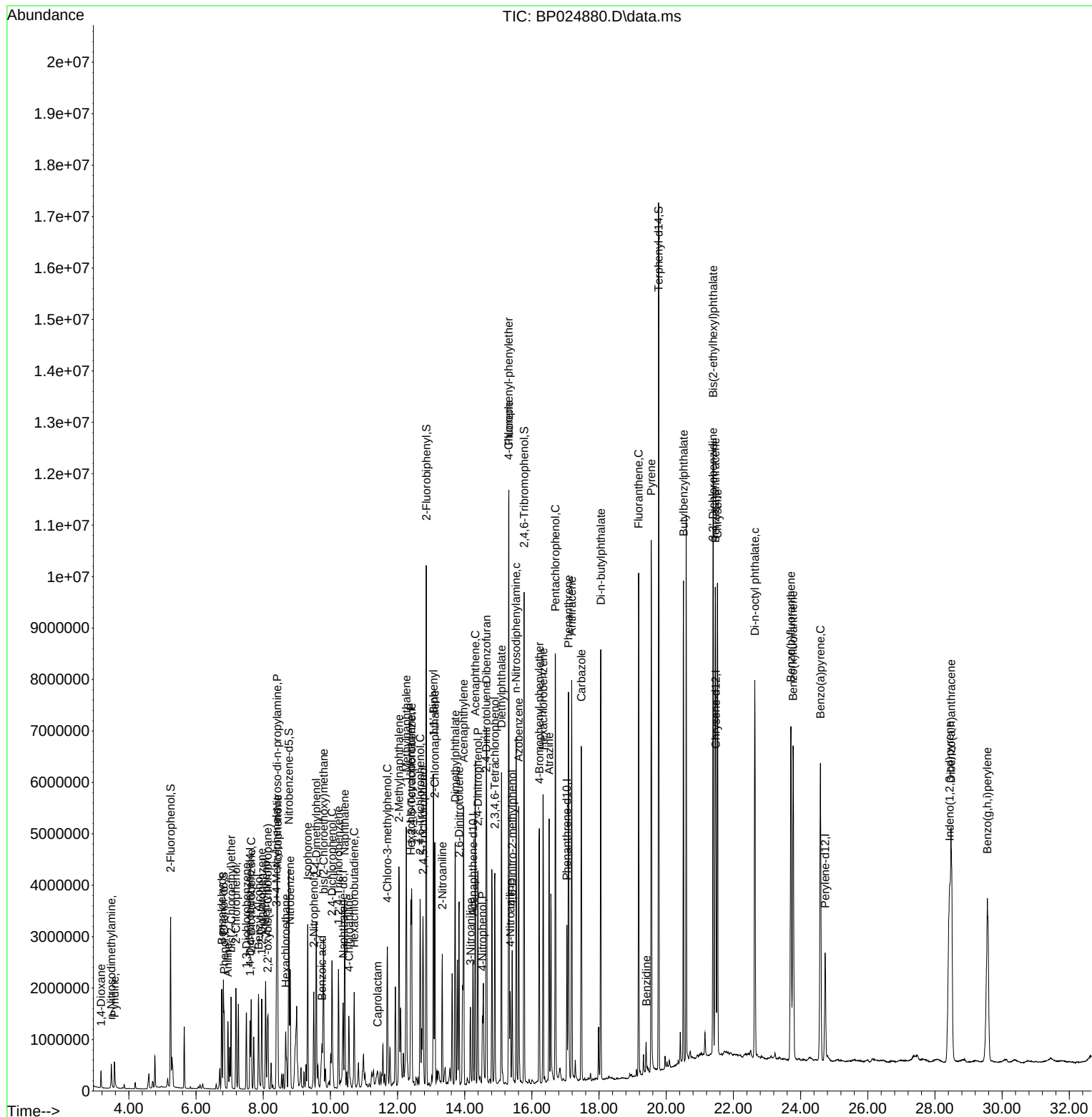
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	931664	54.280	ng	98
46) 1,1'-Biphenyl	13.072	154	2985178	48.840	ng	98
47) 2-Chloronaphthalene	13.107	162	2227755	47.423	ng	99
48) 2-Nitroaniline	13.331	65	670214	46.407	ng	97
49) Acenaphthylene	13.966	152	3760375	48.008	ng	100
50) Dimethylphthalate	13.719	163	3142438	50.649	ng	100
51) 2,6-Dinitrotoluene	13.831	165	700478	52.372	ng	99
52) Acenaphthene	14.313	154	2223943	49.549	ng	99
53) 3-Nitroaniline	14.172	138	423824	30.534	ng	100
54) 2,4-Dinitrophenol	14.390	184	881046	99.689	ng	99
55) Dibenzofuran	14.648	168	3562013	49.440	ng	99
56) 4-Nitrophenol	14.525	139	470374	42.732	ng	98
57) 2,4-Dinitrotoluene	14.637	165	1010355	54.002	ng	97
58) Fluorene	15.313	166	2947017	50.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	823770	53.716	ng	99
60) Diethylphthalate	15.095	149	3296154	53.307	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	1446499	50.830	ng	99
62) 4-Nitroaniline	15.354	138	523586	41.603	ng	96
63) Azobenzene	15.607	77	2984270	52.624	ng	99
65) 4,6-Dinitro-2-methylph...	15.413	198	573565	52.658	ng	99
66) n-Nitrosodiphenylamine	15.531	169	2570412	50.028	ng	99
67) 4-Bromophenyl-phenylether	16.219	248	997886	53.352	ng	99
68) Hexachlorobenzene	16.337	284	1181954	52.127	ng	96
69) Atrazine	16.513	200	1005027	53.958	ng	99
70) Pentachlorophenol	16.701	266	1568201	133.632	ng	99
71) Phenanthrene	17.089	178	4614297	50.372	ng	99
72) Anthracene	17.184	178	4618867	49.786	ng	99
73) Carbazole	17.472	167	4426692	51.477	ng	99
74) Di-n-butylphthalate	18.048	149	6002825	56.341	ng	100
75) Fluoranthene	19.178	202	5483337	51.645	ng	99
77) Benzidine	19.407	184	15854m	0.304	ng	
78) Pyrene	19.554	202	5611099	53.412	ng	100
80) Butylbenzylphthalate	20.513	149	2857974	59.393	ng	97
81) Benzo(a)anthracene	21.460	228	5574248	51.831	ng	99
82) 3,3'-Dichlorobenzidine	21.389	252	731610	17.135	ng	98
83) Chrysene	21.524	228	5240307	51.424	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	4311017	62.529	ng	99
85) Di-n-octyl phthalate	22.636	149	7409270	60.971	ng	99
87) Indeno(1,2,3-cd)pyrene	28.436	276	7307495	51.973	ng	# 91
88) Benzo(b)fluoranthene	23.713	252	5806971	52.654	ng	99
89) Benzo(k)fluoranthene	23.777	252	5816924	51.816	ng	99
90) Benzo(a)pyrene	24.589	252	5546665	51.500	ng	99
91) Dibenzo(a,h)anthracene	28.477	278	6005498	52.475	ng	99
92) Benzo(g,h,i)perylene	29.559	276	5809887	51.165	ng	99

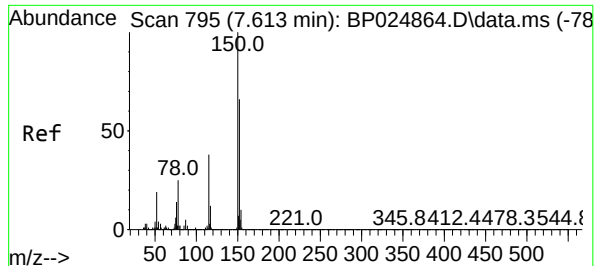
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Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED

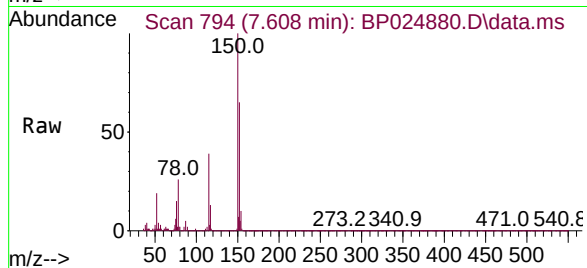
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

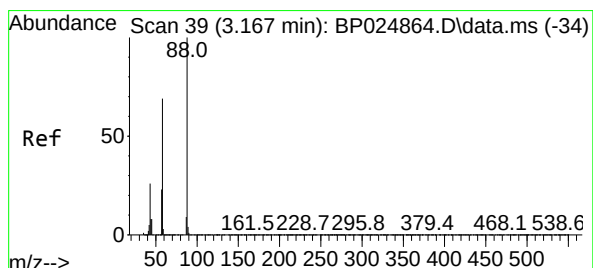
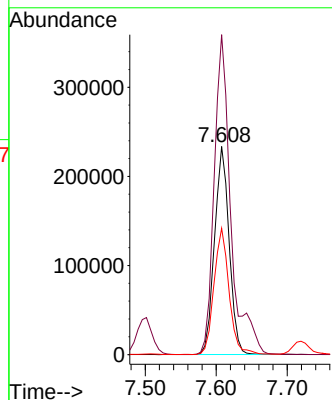
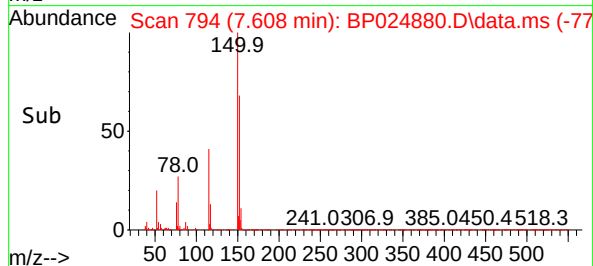
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 152 Resp: 33596
Ion Ratio Lower Upper
152 100
150 153.8 122.1 183.1
115 60.7 46.4 69.6

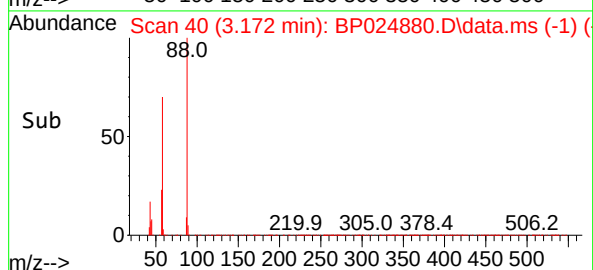
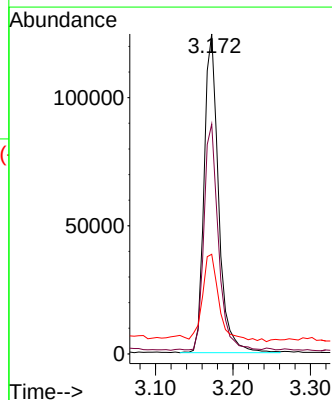
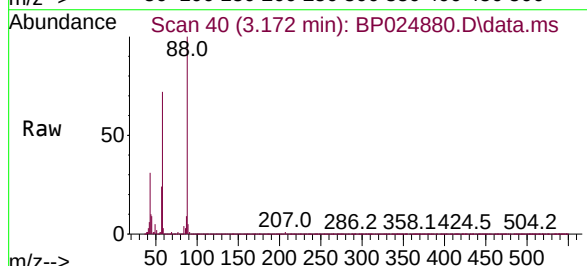
Manual Integrations
APPROVED

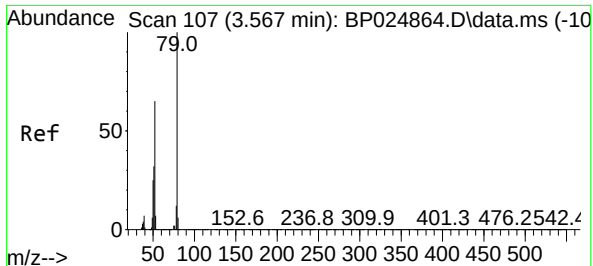
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 18.208 ng
RT: 3.172 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

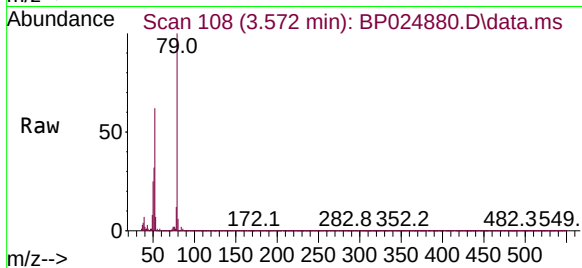
Tgt Ion: 88 Resp: 161256
Ion Ratio Lower Upper
88 100
58 70.0 55.4 83.0
43 31.7 20.8 31.2





#3
Pyridine
Concen: 15.500 ng
RT: 3.572 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

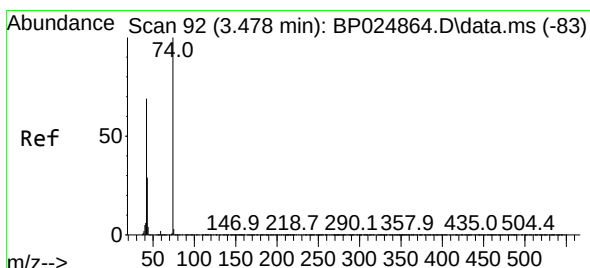
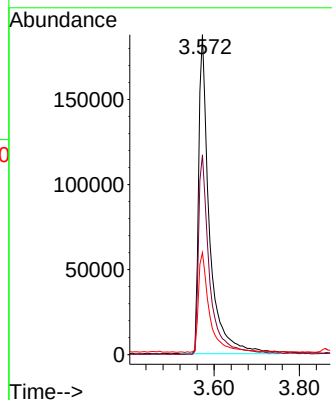
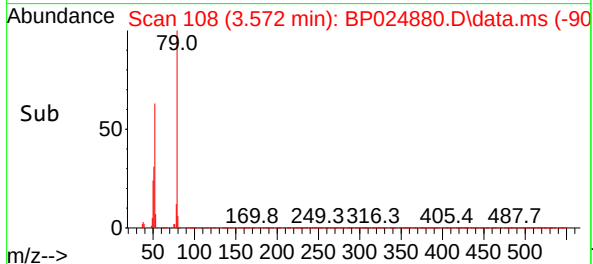
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 79 Resp: 330125
Ion Ratio Lower Upper
79 100
52 62.4 51.6 77.4
51 31.9 25.5 38.3

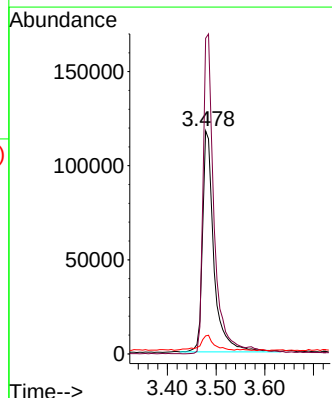
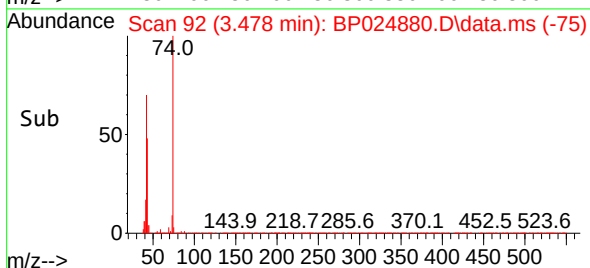
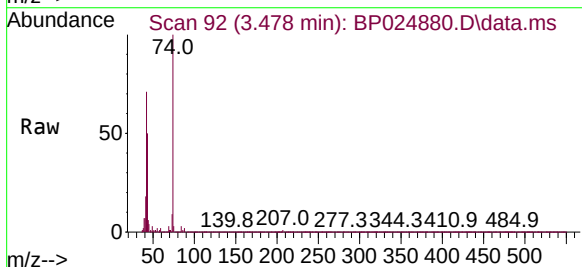
Manual Integrations
APPROVED

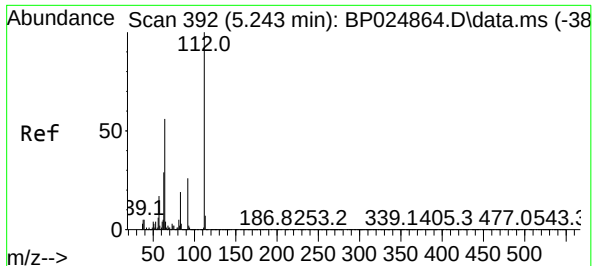
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 21.852 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 42 Resp: 190267
Ion Ratio Lower Upper
42 100
74 141.5 116.6 174.8
44 8.1 5.4 8.0





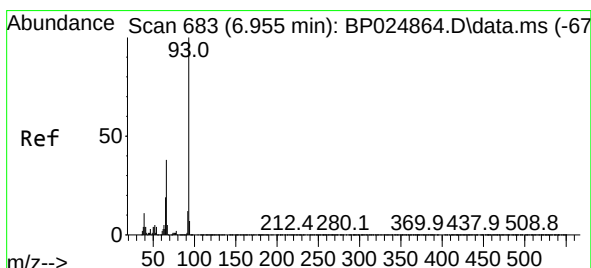
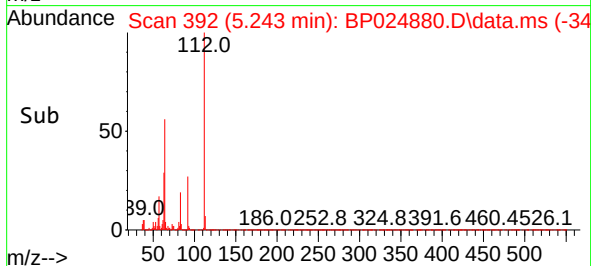
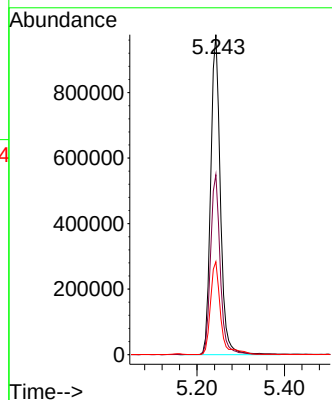
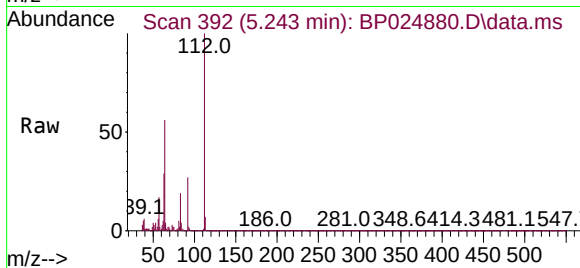
#5
2-Fluorophenol
Concen: 74.225 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Tgt Ion: 112 Resp: 1493936
Ion Ratio Lower Upper
112 100
64 56.2 44.7 67.1
63 29.0 23.5 35.3

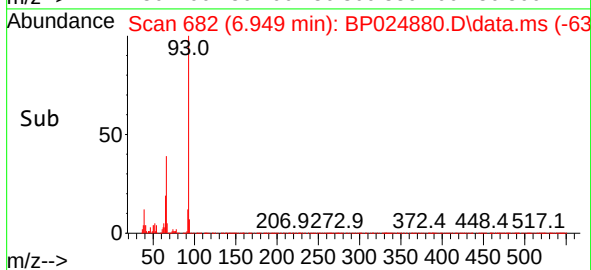
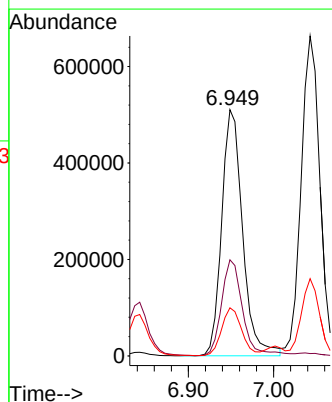
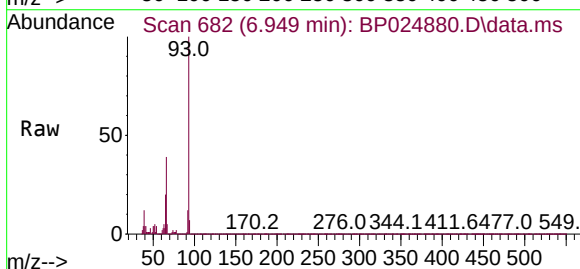
Manual Integrations
APPROVED

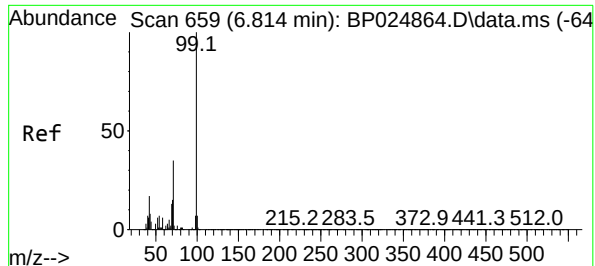
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 25.617 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

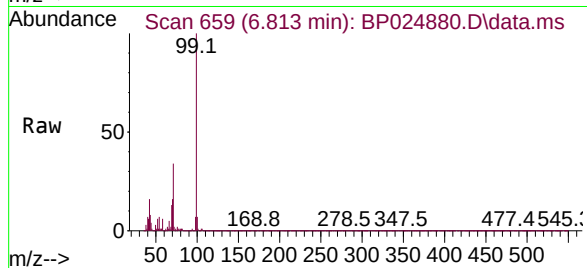
Tgt Ion: 93 Resp: 870597
Ion Ratio Lower Upper
93 100
66 39.0 30.9 46.3
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 46.335 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

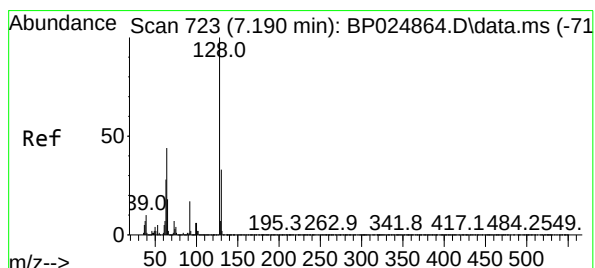
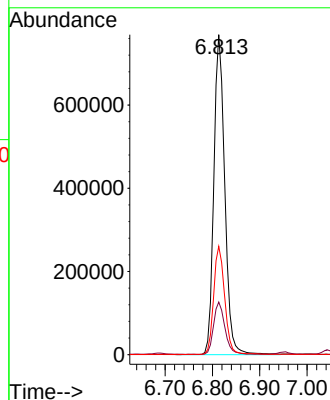
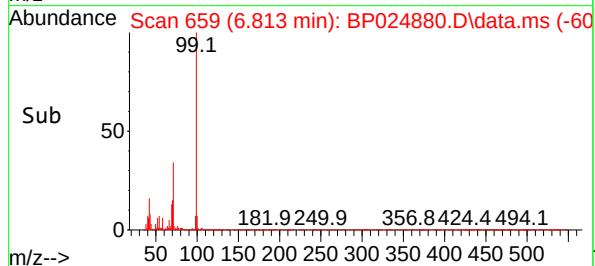
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 99 Resp: 1233920
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 33.8 27.6 41.4

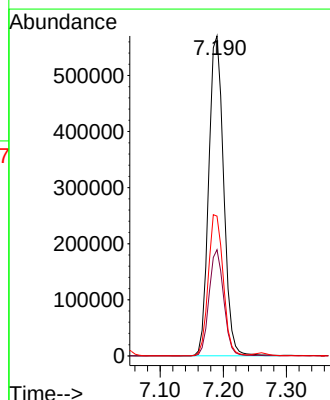
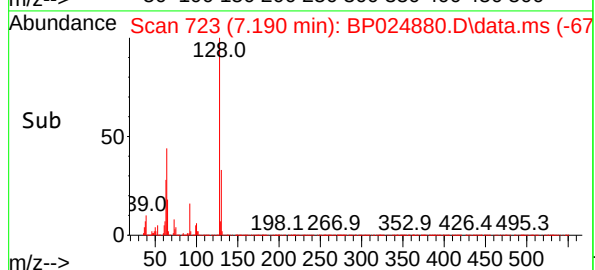
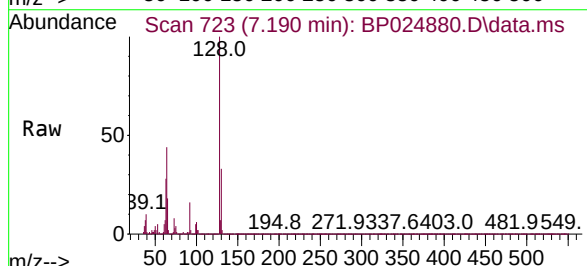
Manual Integrations
APPROVED

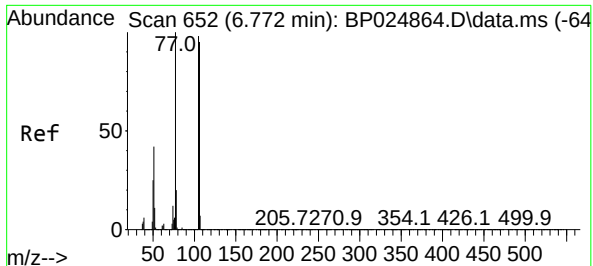
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 41.010 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

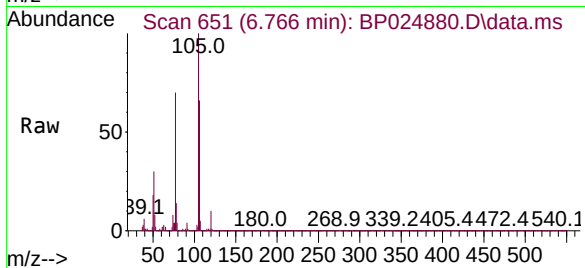
Tgt Ion:128 Resp: 935721
Ion Ratio Lower Upper
128 100
130 33.2 12.6 52.6
64 43.7 24.1 64.1





#9
Benzaldehyde
Concen: 36.508 ng
RT: 6.766 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

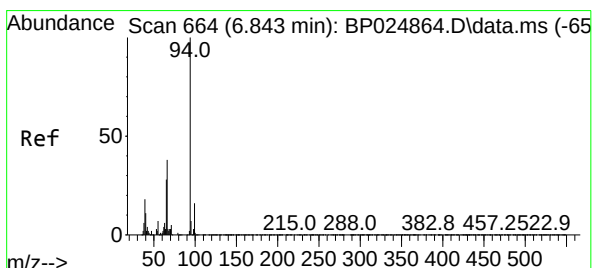
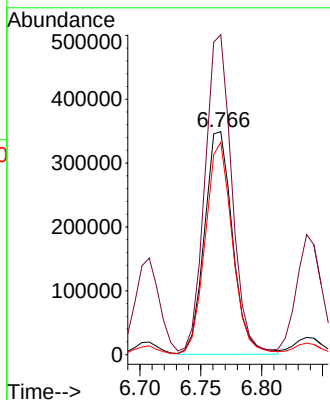
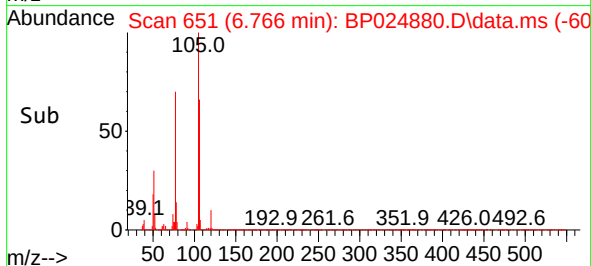
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 77 Resp: 560379
Ion Ratio Lower Upper
77 100
105 143.5 77.7 117.7
106 95.3 74.8 114.8

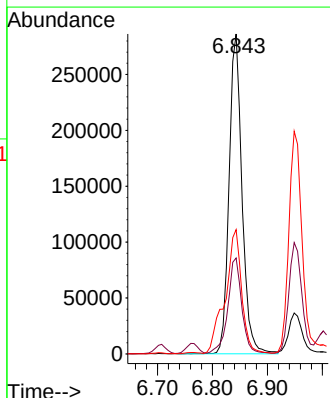
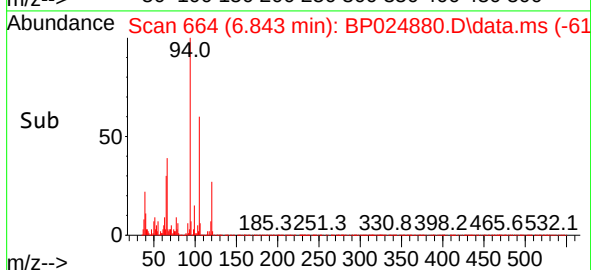
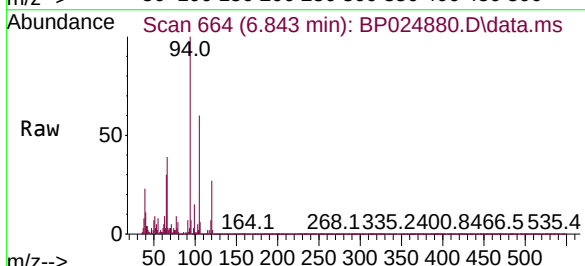
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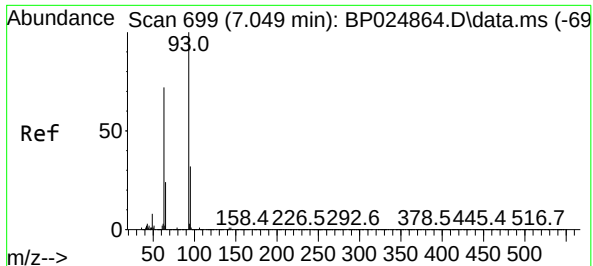
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 17.004 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 94 Resp: 466808
Ion Ratio Lower Upper
94 100
65 30.0 8.3 48.3
66 38.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 47.162 ng

RT: 7.043 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion: 93 Resp: 1018320

Ion Ratio Lower Upper

93 100

63 72.7 51.6 91.6

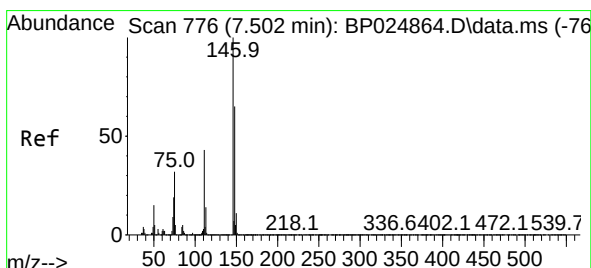
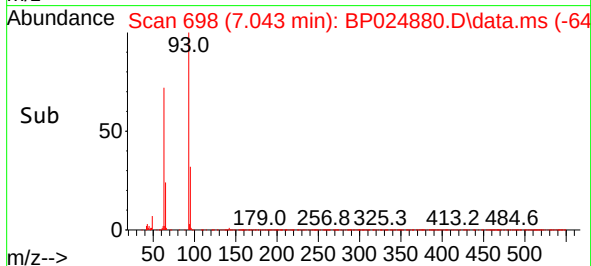
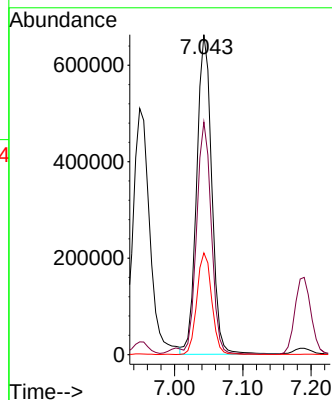
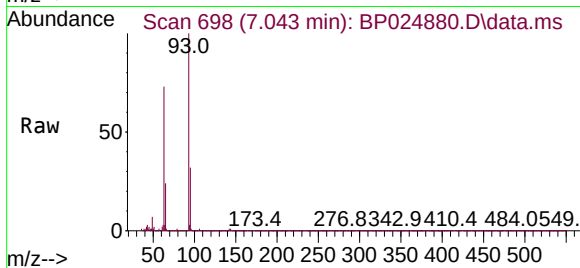
95 31.8 12.1 52.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#12

1,3-Dichlorobenzene

Concen: 23.900 ng

RT: 7.502 min Scan# 776

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

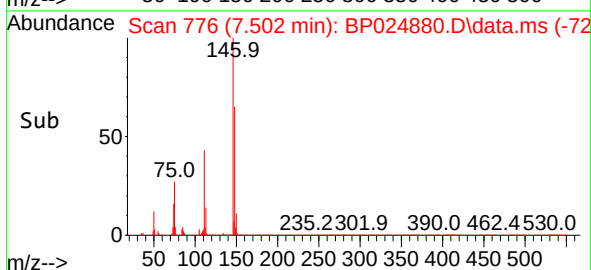
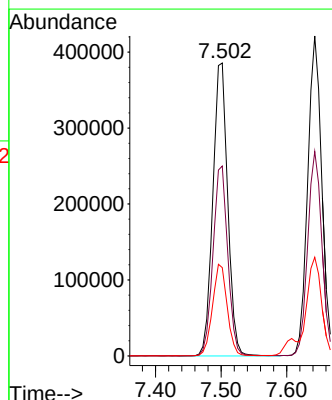
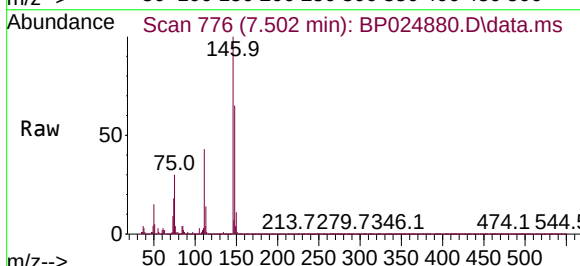
Tgt Ion:146 Resp: 608351

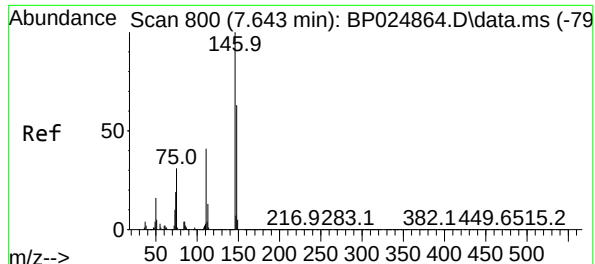
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 30.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 24.480 ng

RT: 7.643 min Scan# 80

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:146 Resp: 628703

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

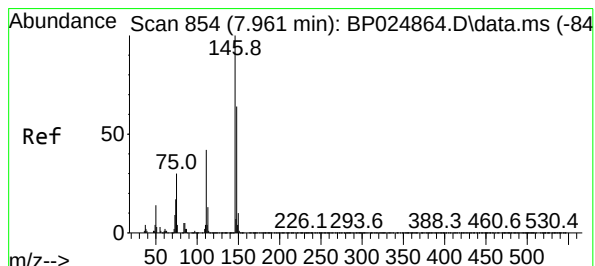
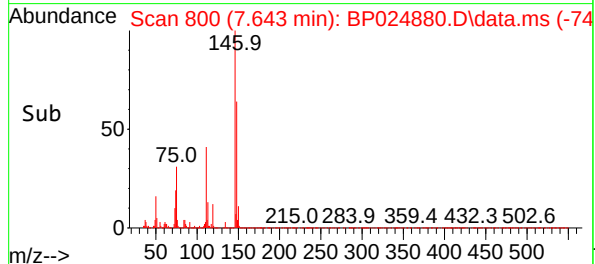
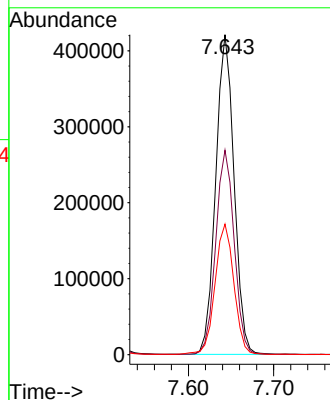
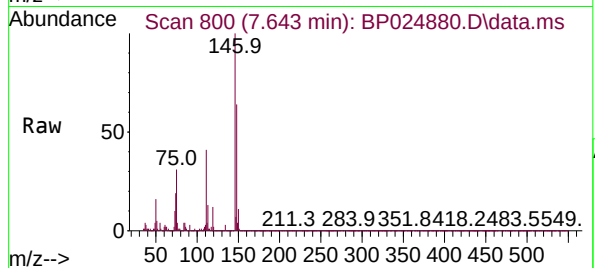
111 40.8 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#14

1,2-Dichlorobenzene

Concen: 25.659 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

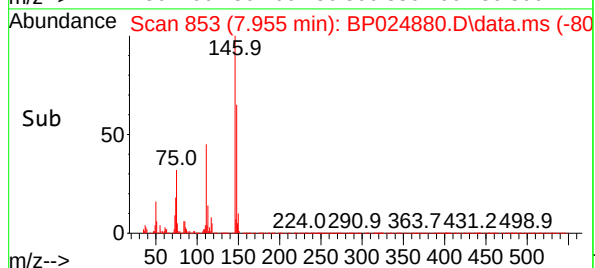
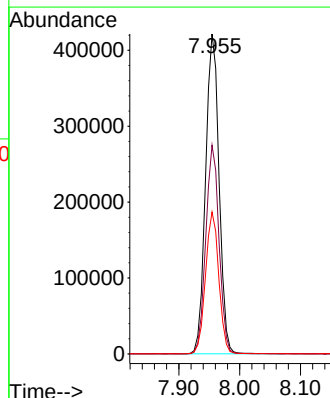
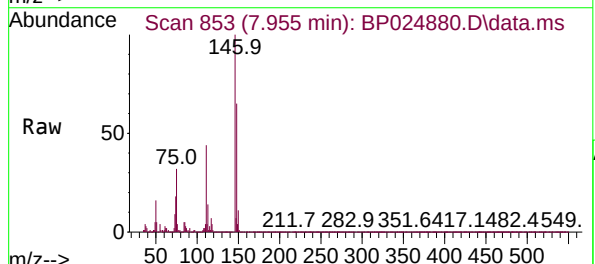
Tgt Ion:146 Resp: 647114

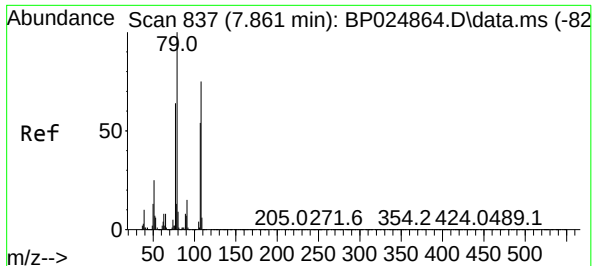
Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

111 44.3 33.8 50.8





#15

Benzyl Alcohol

Concen: 34.040 ng

RT: 7.860 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

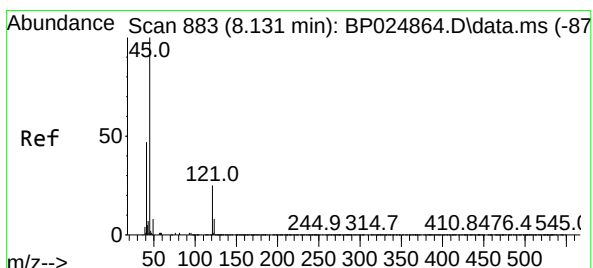
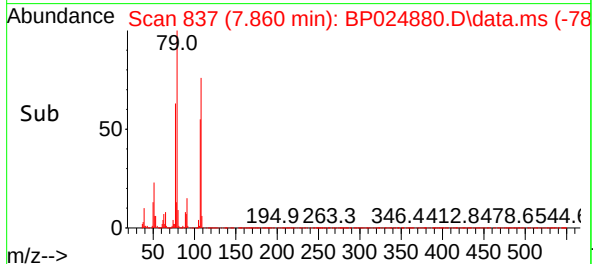
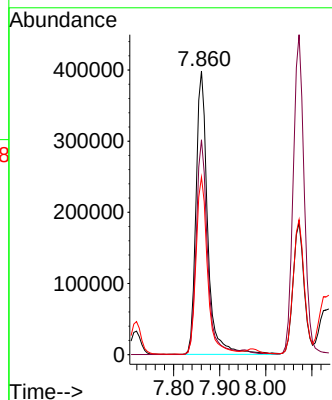
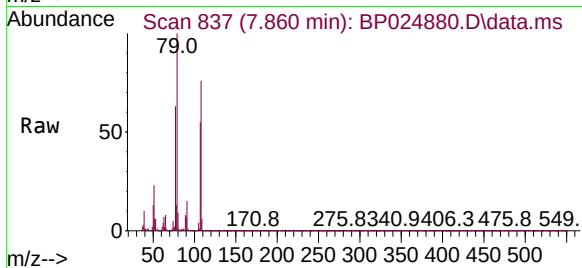
GW-MW01-060425MSD

Tgt Ion:	79	Resp:	695705
Ion	Ratio	Lower	Upper
79	100		
108	75.7	60.2	90.4
77	62.6	51.2	76.8

Manual Integrations
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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.791 ng

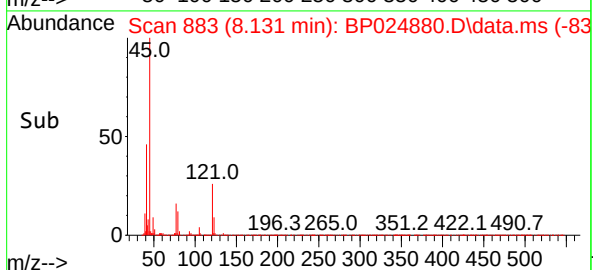
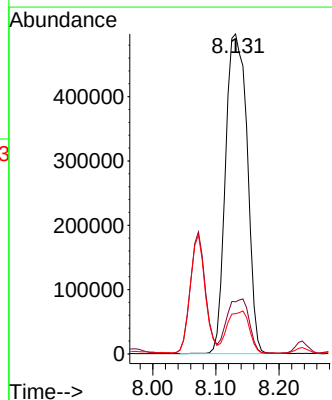
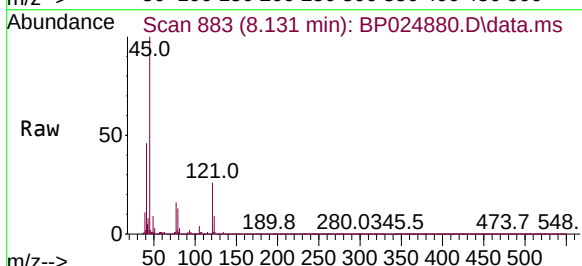
RT: 8.131 min Scan# 883

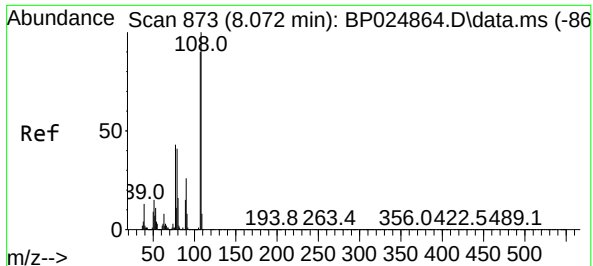
Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Tgt Ion:	45	Resp:	1181061
Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.3
79	12.6	0.0	32.2





#17

2-Methylphenol

Concen: 34.742 ng

RT: 8.072 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:107 Resp: 666028

Ion Ratio Lower Upper

107 100

108 112.8 88.6 132.8

77 47.6 38.5 57.7

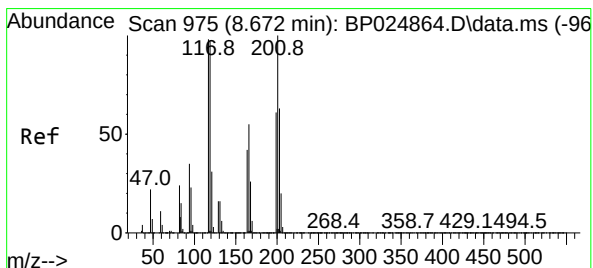
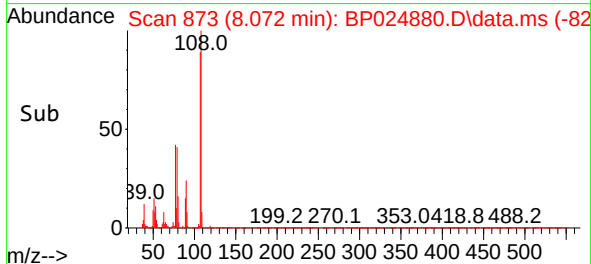
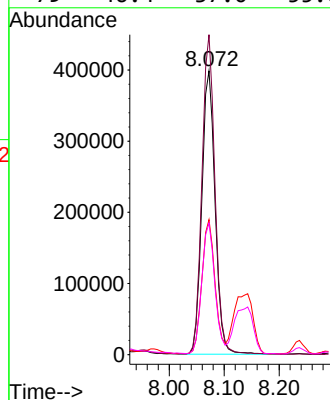
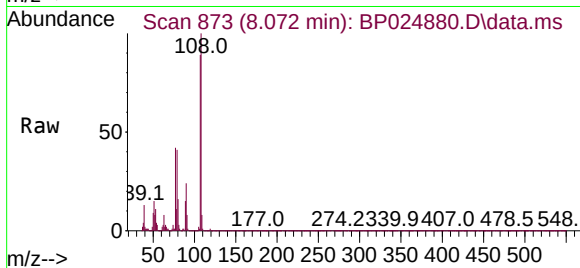
79 46.4 37.0 55.6

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#18

Hexachloroethane

Concen: 23.422 ng m

RT: 8.672 min Scan# 975

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

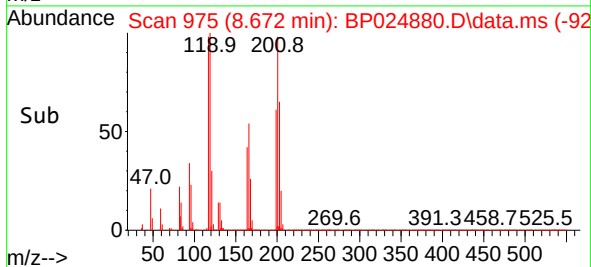
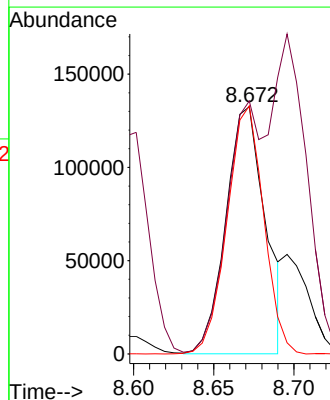
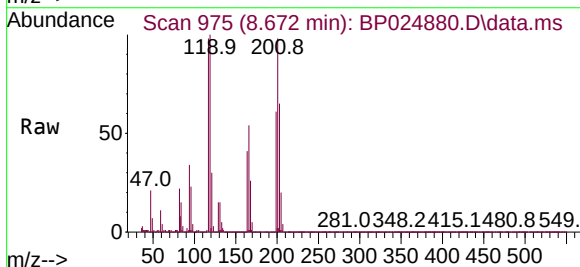
Tgt Ion:117 Resp: 226470

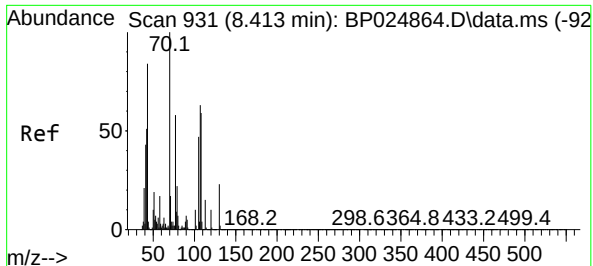
Ion Ratio Lower Upper

117 100

119 102.4 79.4 119.2

201 100.4 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.196 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion: 70 Resp: 81820

Ion Ratio Lower Upper

70 100

42 51.6 41.2 61.8

101 10.5 8.3 12.5

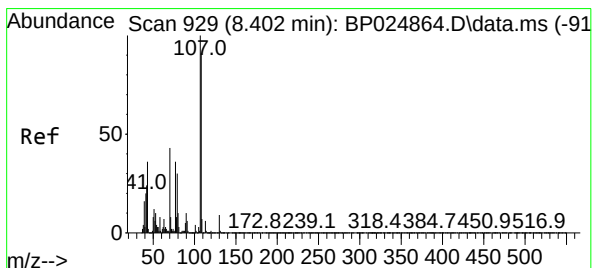
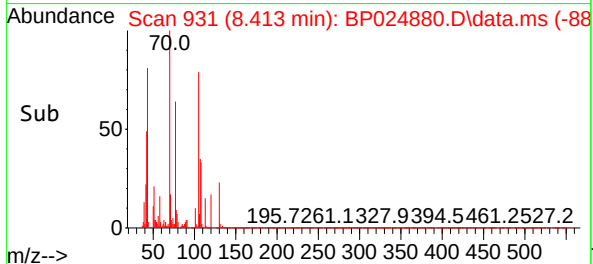
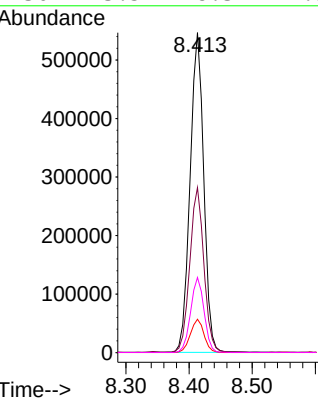
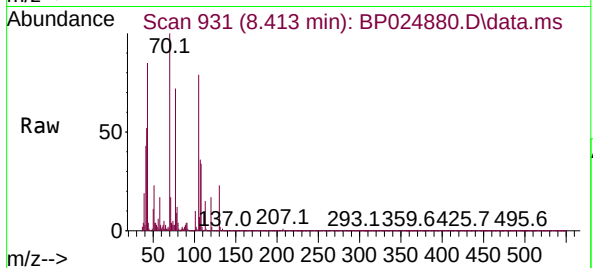
130 23.5 18.3 27.5

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Supervised By :Jagrut Upadhyay 06/10/2025



#20

3+4-Methylphenols

Concen: 36.206 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Tgt Ion:107 Resp: 946970

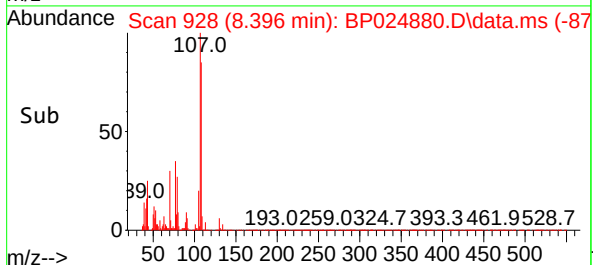
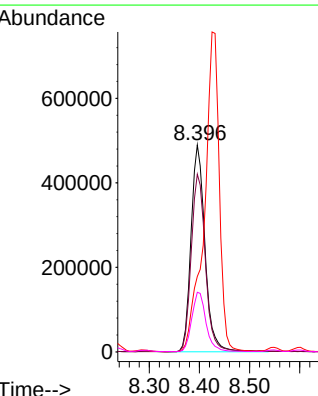
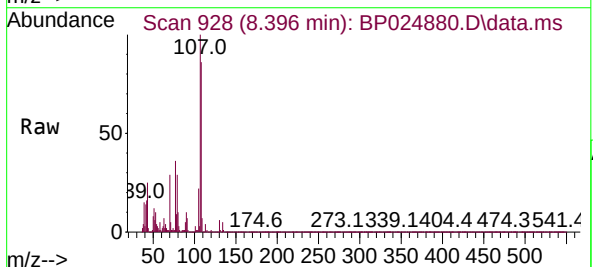
Ion Ratio Lower Upper

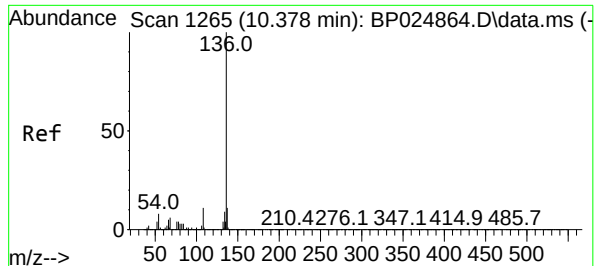
107 100

108 85.9 70.7 110.7

77 36.4 16.6 56.6

79 28.8 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.378 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:136 Resp: 1346862

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.1 9.1

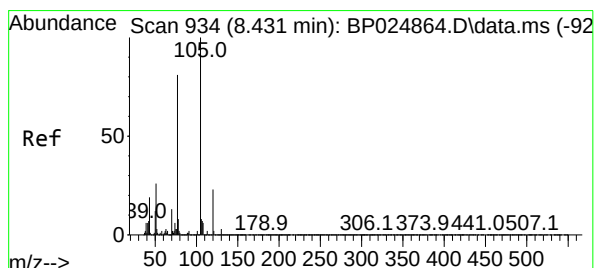
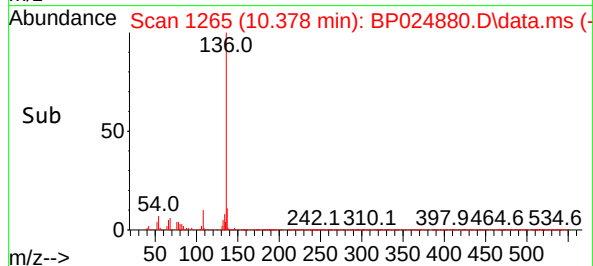
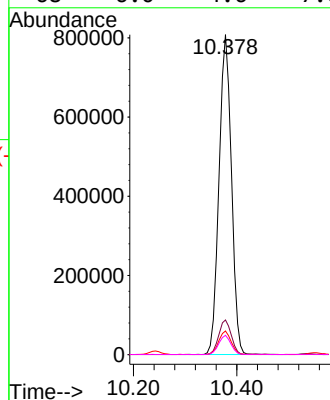
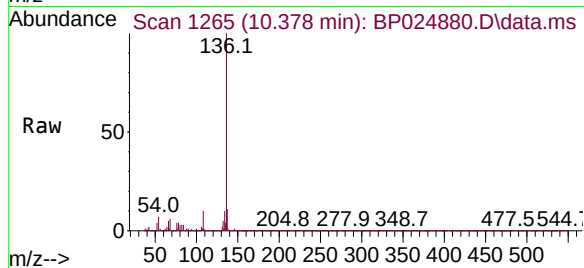
68 6.0 4.6 7.0

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#22

Acetophenone

Concen: 52.192 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Tgt Ion:105 Resp: 1776046

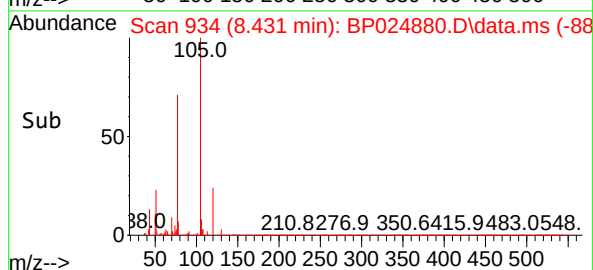
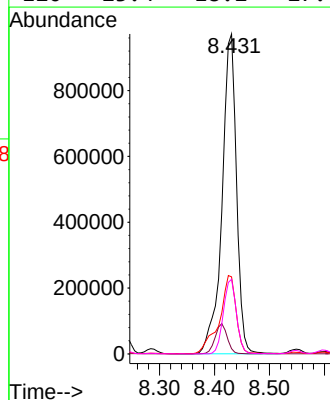
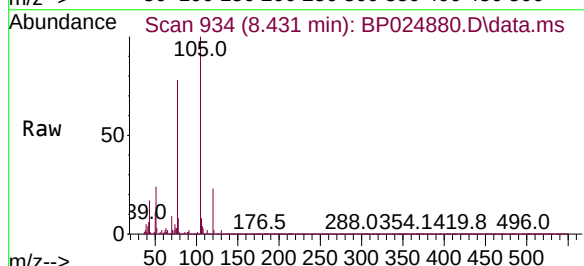
Ion Ratio Lower Upper

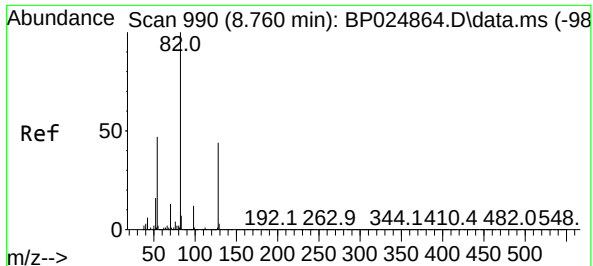
105 100

71 1.6 1.6 2.4

51 24.1 20.6 31.0

120 23.4 18.2 27.4





#23

Nitrobenzene-d5

Concen: 87.976 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion: 82 Resp: 2438439

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

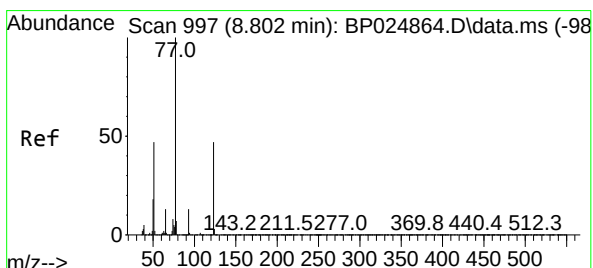
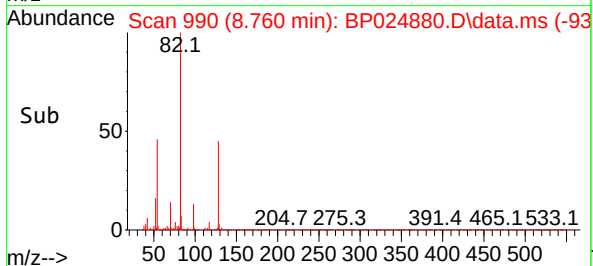
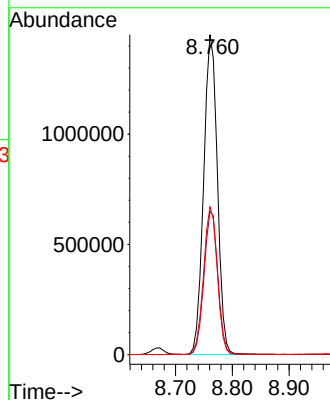
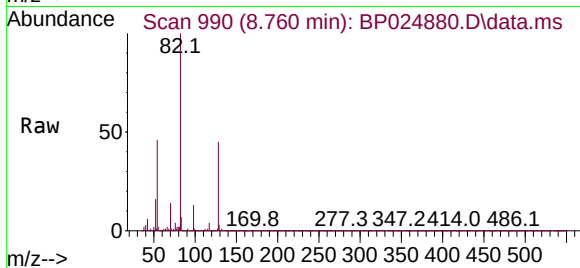
54 46.1 37.4 56.0

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 51.524 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

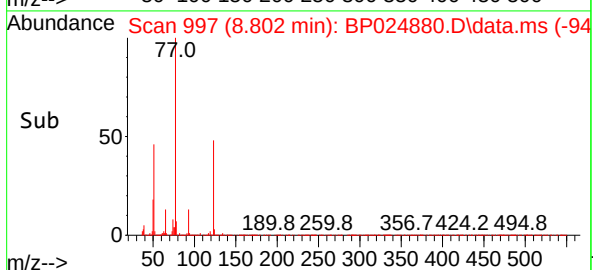
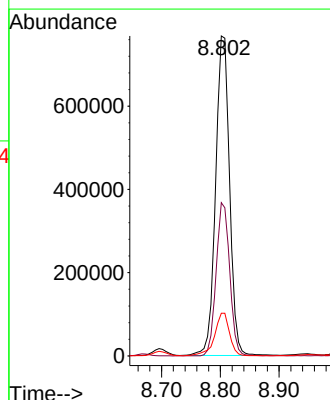
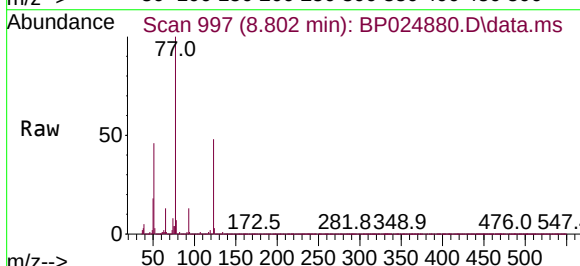
Tgt Ion: 77 Resp: 1268698

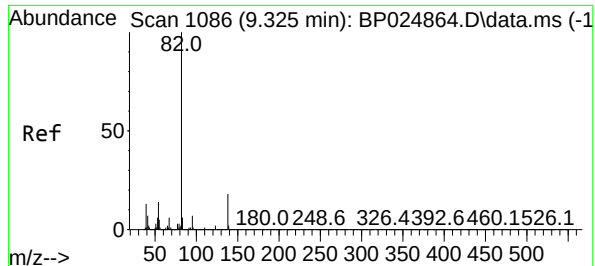
Ion Ratio Lower Upper

77 100

123 47.9 37.3 55.9

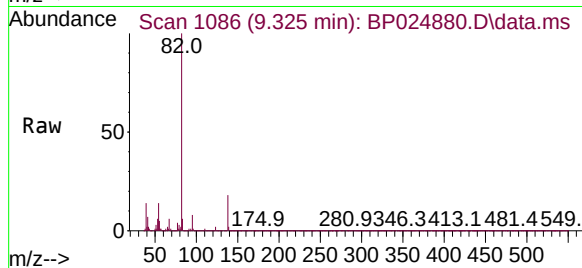
65 13.3 10.8 16.2





#25
Isophorone
Concen: 48.041 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

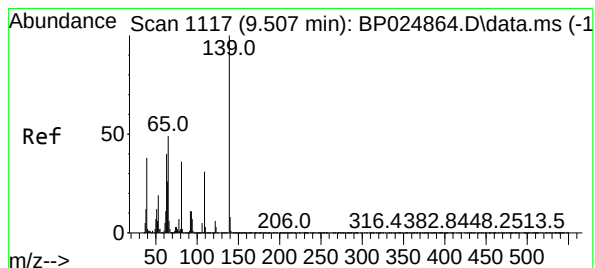
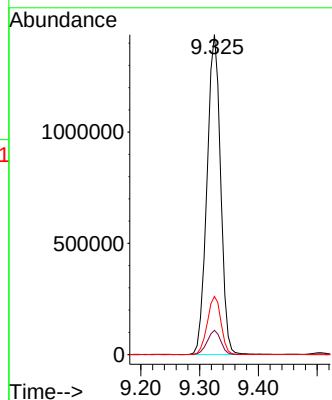
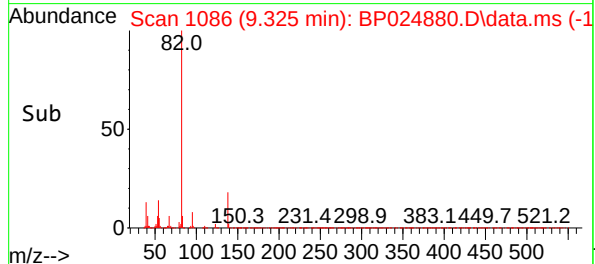
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 82 Resp: 2307754
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.2 14.6 21.8

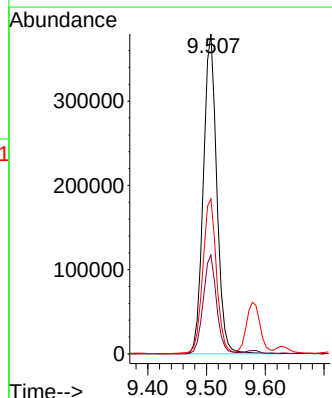
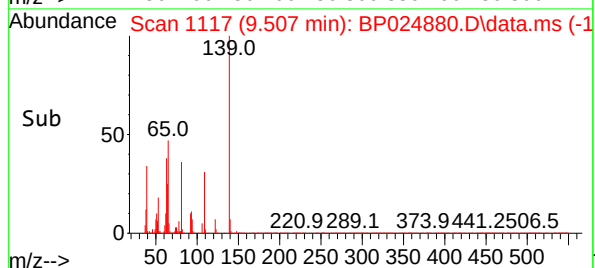
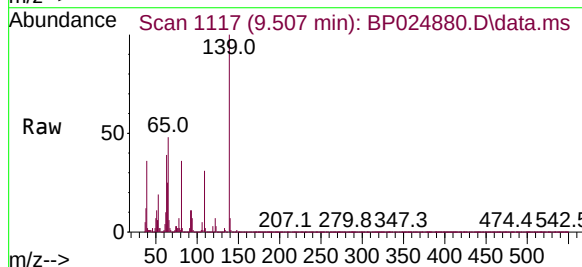
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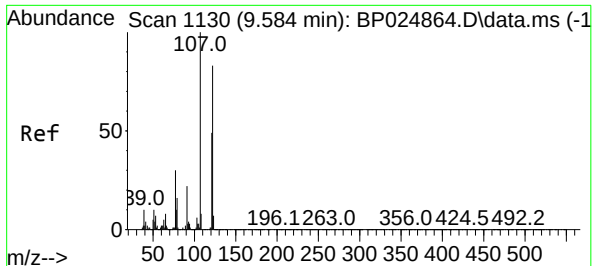
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 49.741 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:139 Resp: 604321
Ion Ratio Lower Upper
139 100
109 30.9 24.6 37.0
65 48.4 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 44.039 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024880.D

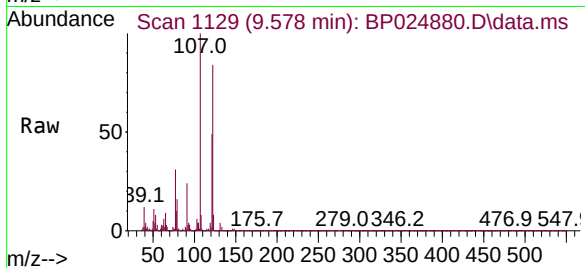
Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD



Tgt Ion: 122 Resp: 91569

Ion Ratio Lower Upper

122 100

107 119.3 96.2 144.4

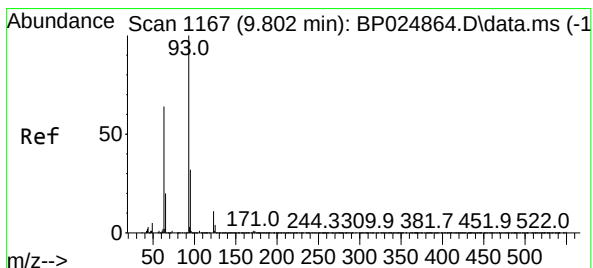
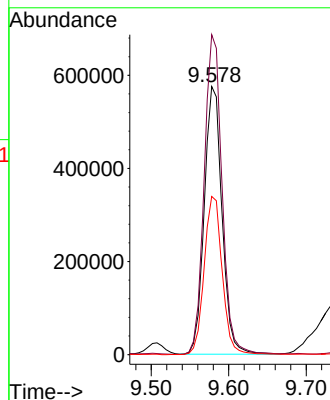
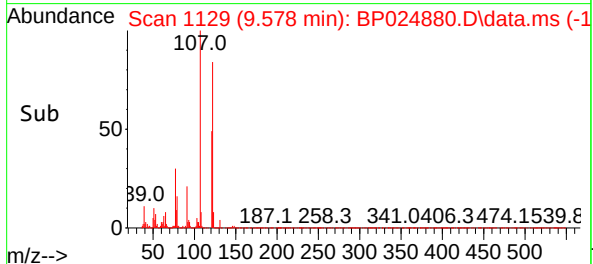
121 59.0 47.0 70.4

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 49.533 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

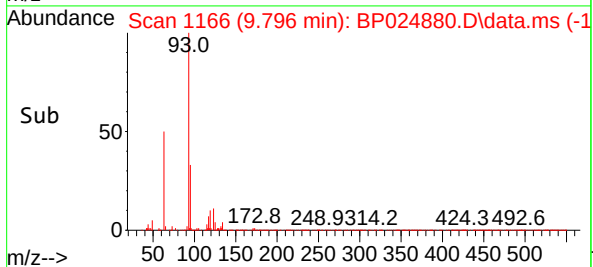
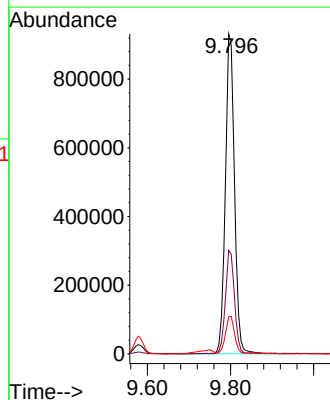
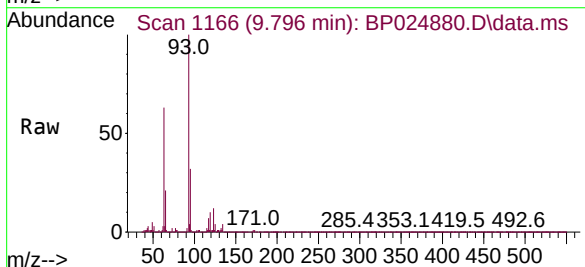
Tgt Ion: 93 Resp: 1419352

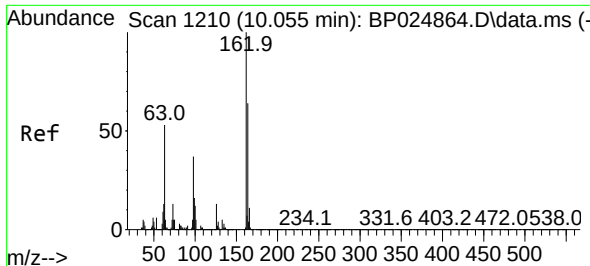
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

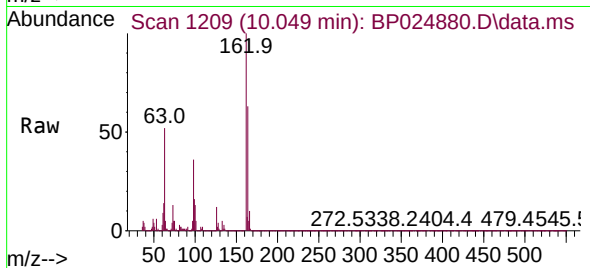
123 11.6 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 48.733 ng
RT: 10.049 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

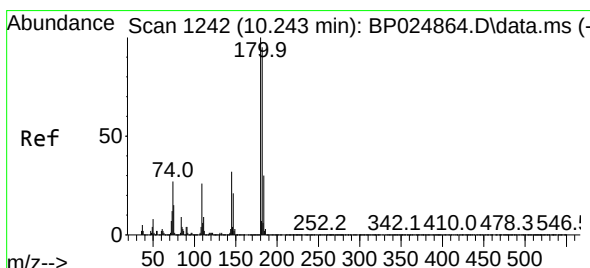
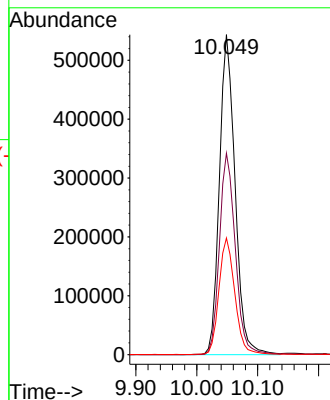
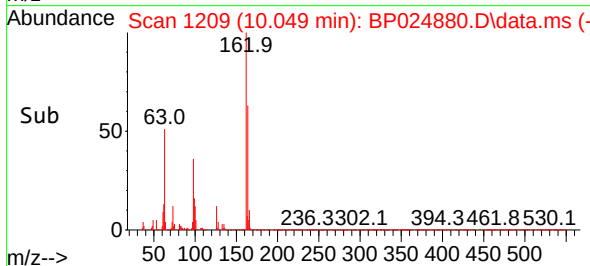
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



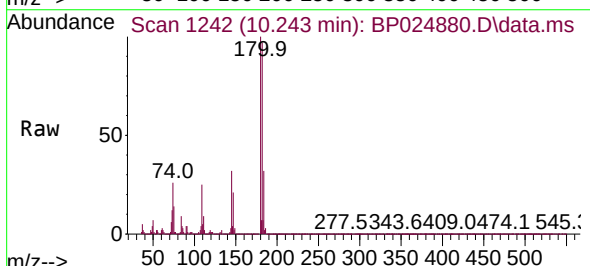
Tgt Ion:162 Resp: 972262
Ion Ratio Lower Upper
162 100
164 62.9 44.0 84.0
98 36.4 16.9 56.9

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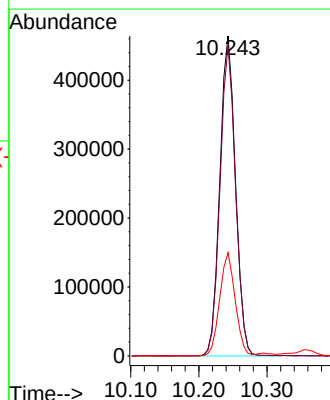
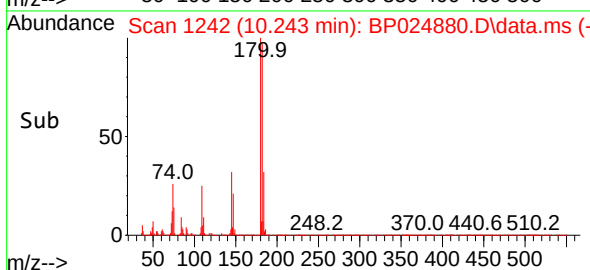
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

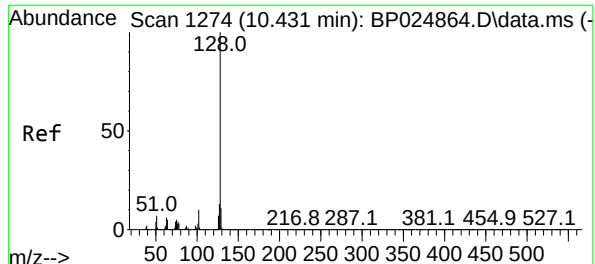


#30
1,2,4-Trichlorobenzene
Concen: 32.679 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



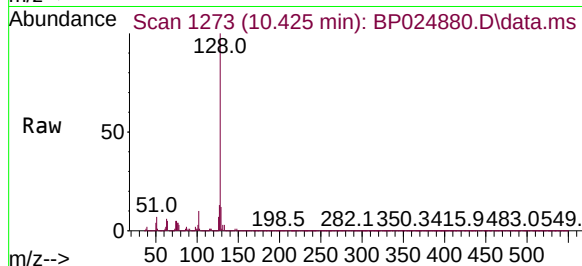
Tgt Ion:180 Resp: 735365
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.6
145 32.3 25.7 38.5





#31
Naphthalene
Concen: 39.604 ng
RT: 10.425 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

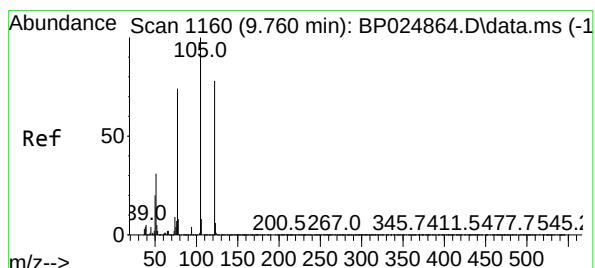
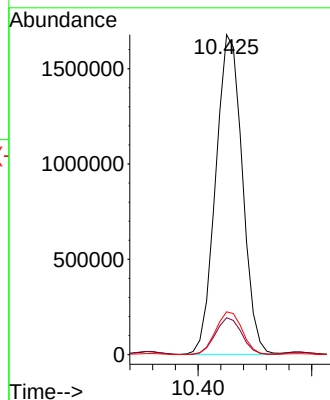
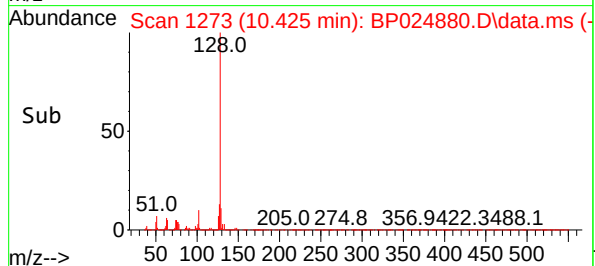
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



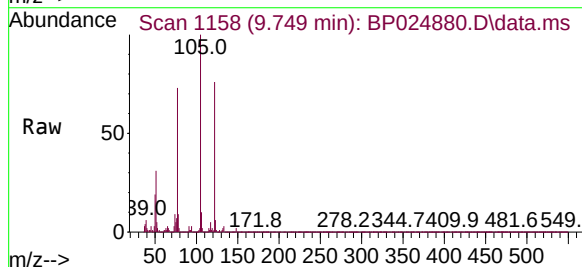
Tgt Ion:128 Resp: 2733509
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.7 16.1

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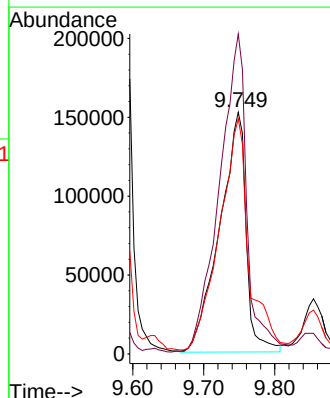
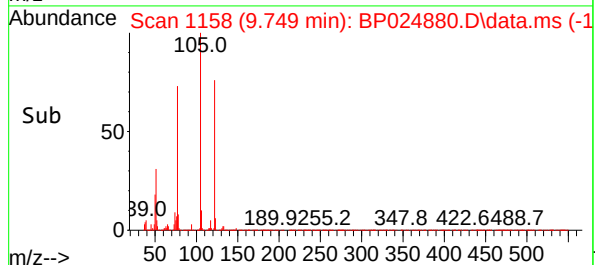
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

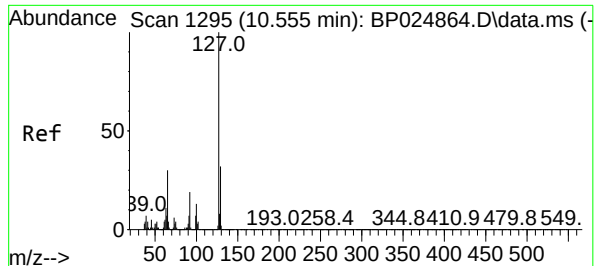


#32
Benzoic acid
Concen: 28.143 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



Tgt Ion:122 Resp: 395443
Ion Ratio Lower Upper
122 100
105 132.4 107.1 147.1
77 97.3 75.1 115.1





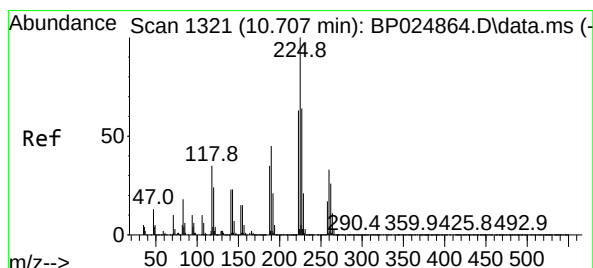
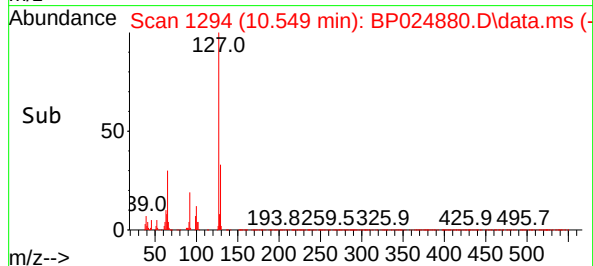
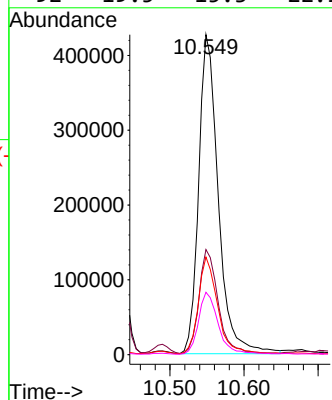
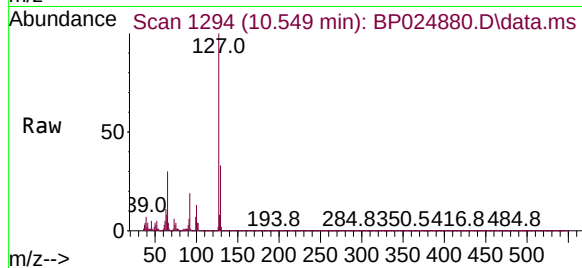
#33
4-Chloroaniline
Concen: 27.184 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Tgt Ion:127 Resp: 786095
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 30.5 23.9 35.9
92 19.5 15.3 22.9

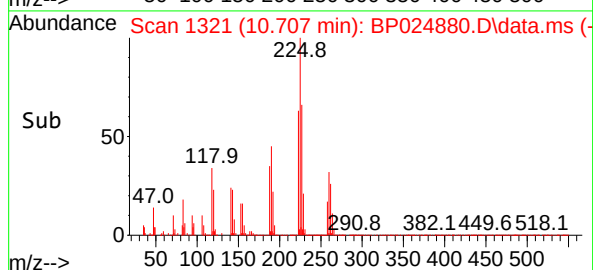
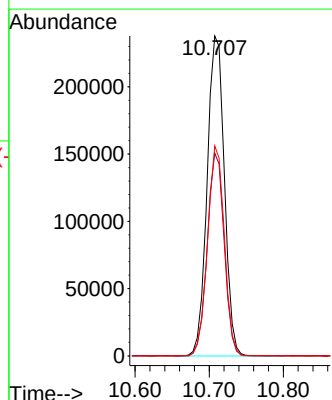
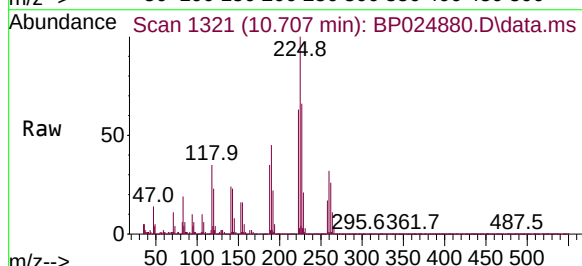
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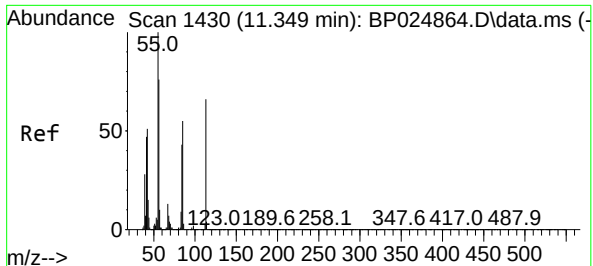
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 28.269 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:225 Resp: 383395
Ion Ratio Lower Upper
225 100
223 63.3 50.5 75.7
227 65.6 51.4 77.2





#35

Caprolactam

Concen: 10.125 ng

RT: 11.401 min Scan# 1430

Delta R.T. 0.053 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:113 Resp: 74360

Ion Ratio Lower Upper

113 100

55 175.6 132.5 172.5

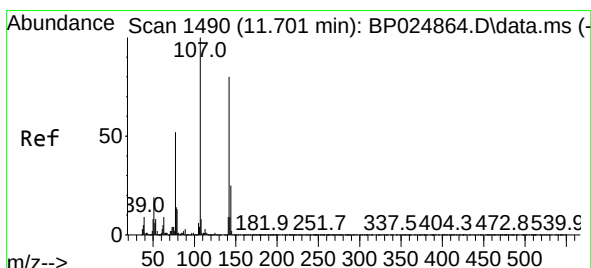
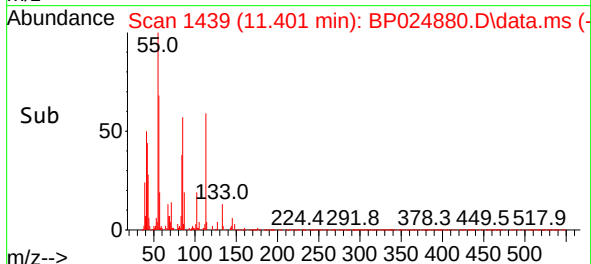
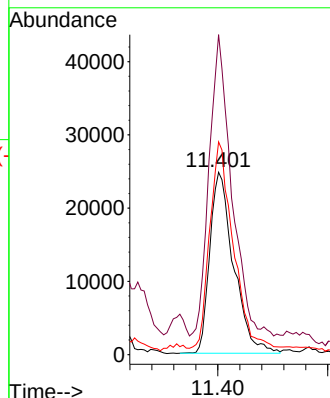
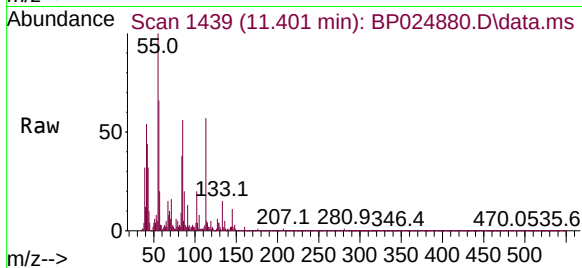
56 116.7 96.0 136.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#36

4-Chloro-3-methylphenol

Concen: 45.963 ng

RT: 11.696 min Scan# 1489

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

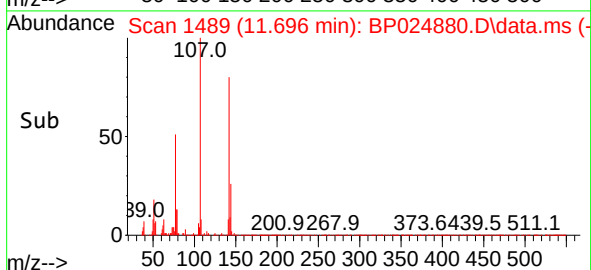
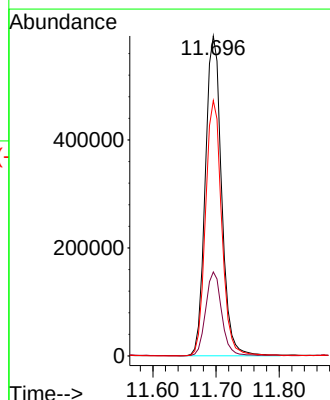
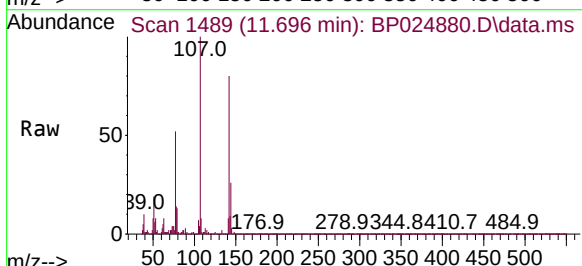
Tgt Ion:107 Resp: 1057705

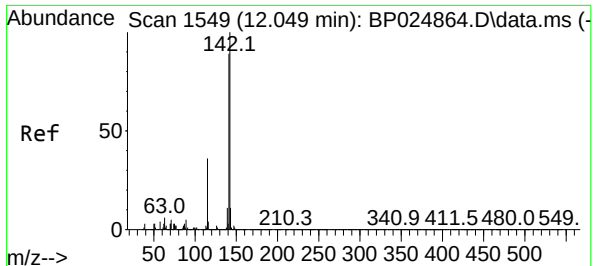
Ion Ratio Lower Upper

107 100

144 26.2 20.4 30.6

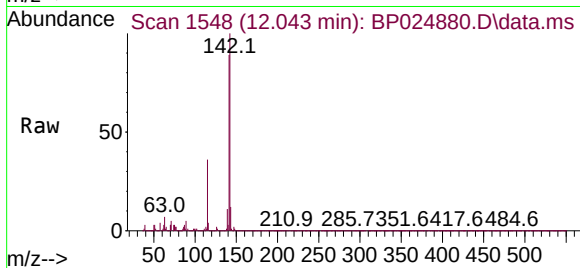
142 79.8 63.8 95.6





#37
2-Methylnaphthalene
Concen: 45.686 ng
RT: 12.043 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

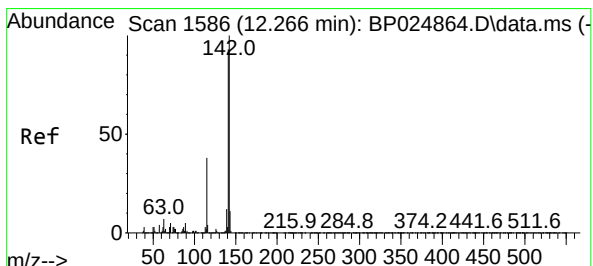
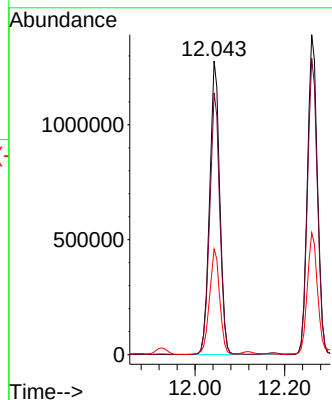
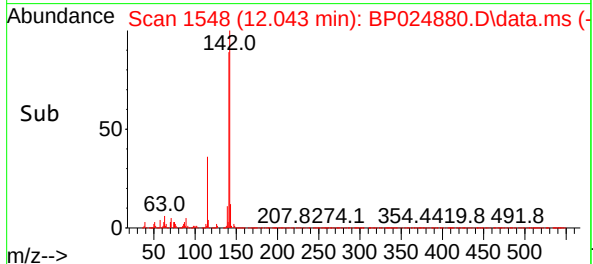
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:142 Resp: 2000223
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 36.0 28.5 42.7

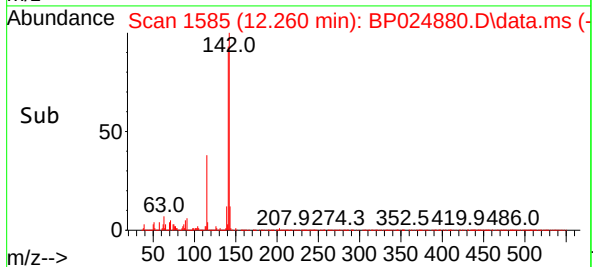
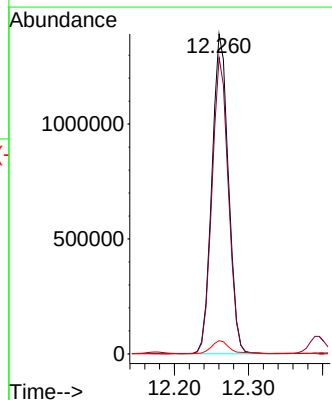
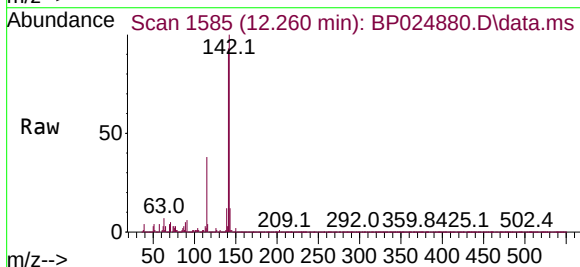
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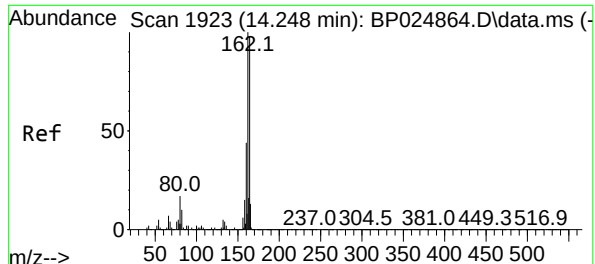
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#38
1-Methylnaphthalene
Concen: 45.868 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:142 Resp: 2147003
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:164 Resp: 841053

Ion Ratio Lower Upper

164 100

162 99.9 81.6 122.4

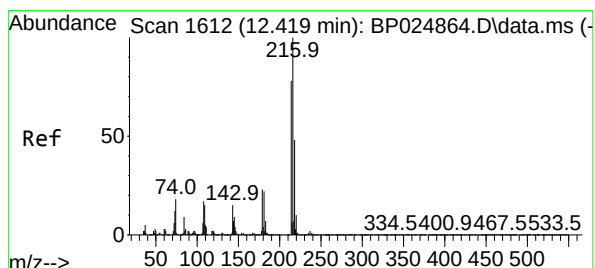
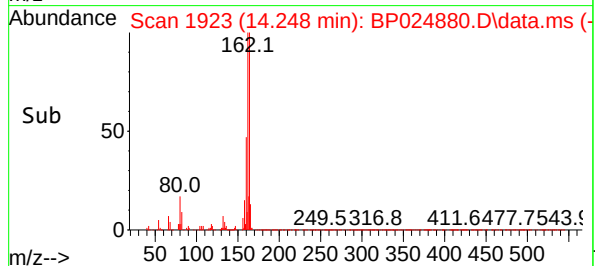
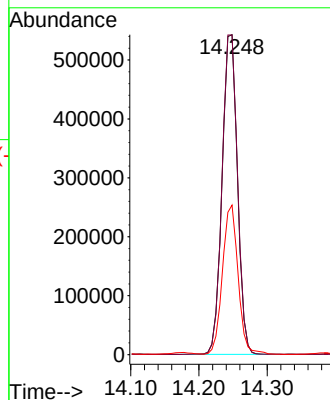
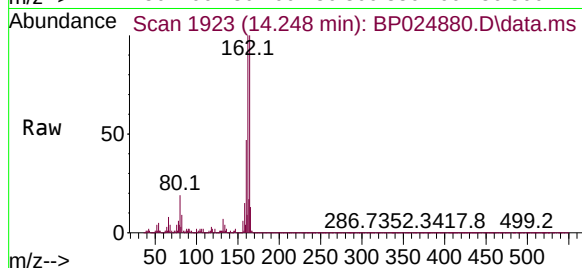
160 46.7 36.2 54.2

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.831 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Tgt Ion:216 Resp: 1093780

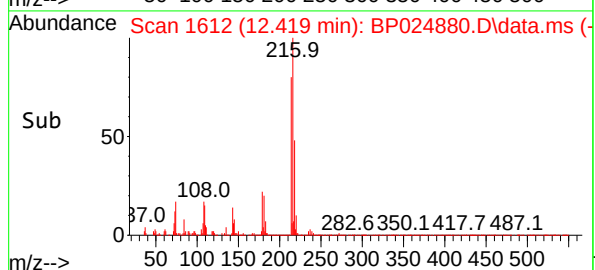
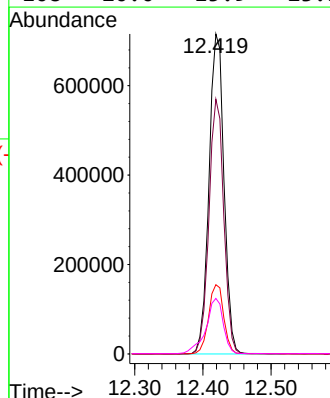
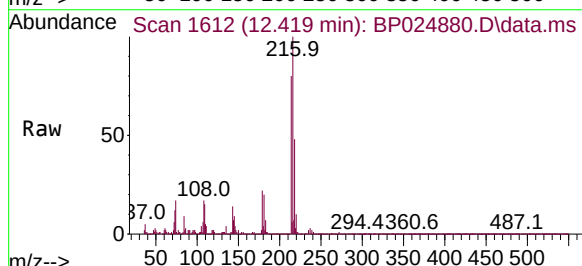
Ion Ratio Lower Upper

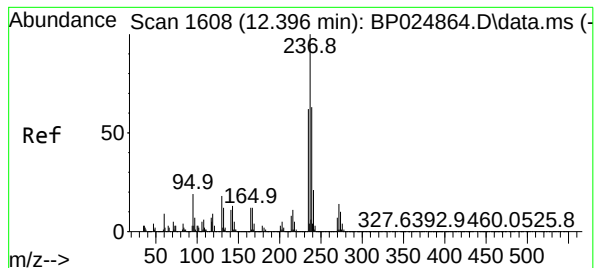
216 100

214 78.8 63.0 94.4

179 21.9 17.8 26.6

108 20.0 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 66.457 ng

RT: 12.396 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

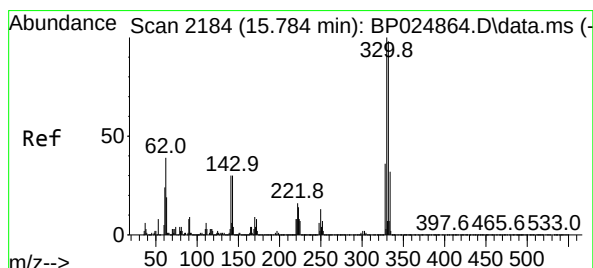
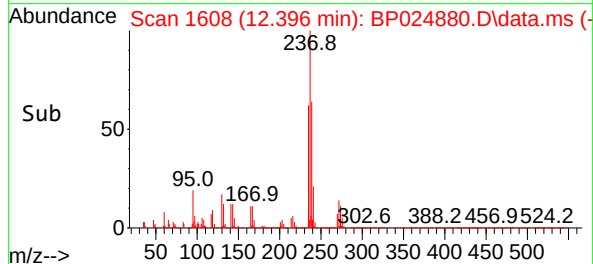
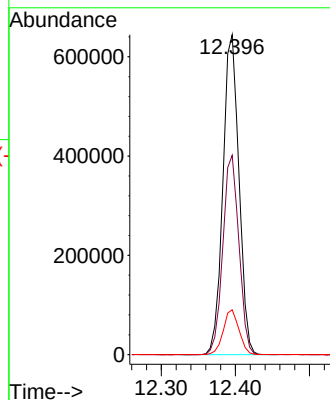
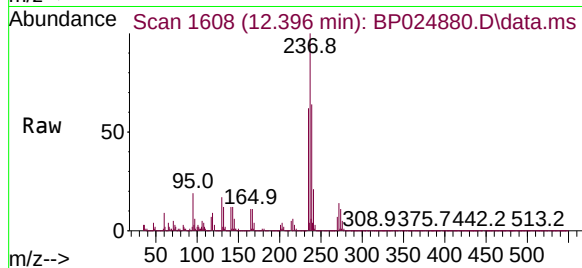
Tgt Ion:	237	Resp:	967365
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.9	81.9
272	14.0	0.0	33.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#42

2,4,6-Tribromophenol

Concen: 158.655 ng

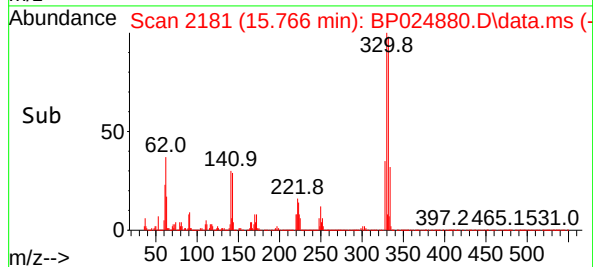
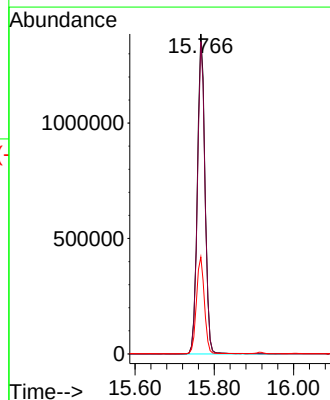
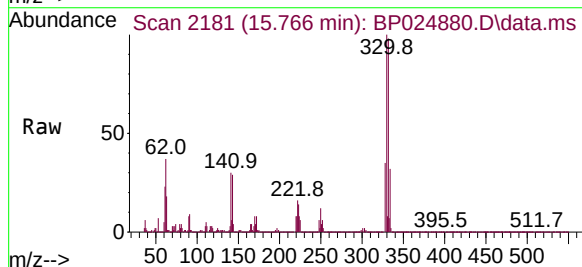
RT: 15.766 min Scan# 2181

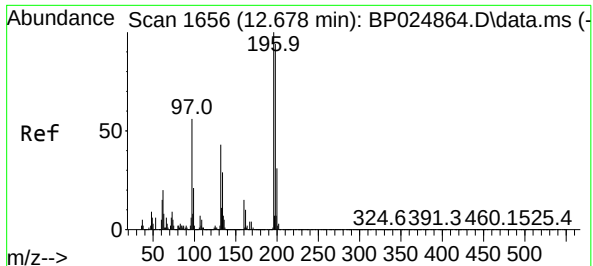
Delta R.T. -0.018 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Tgt Ion:	330	Resp:	1844847
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.7	116.5
141	31.4	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 53.157 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024880.D

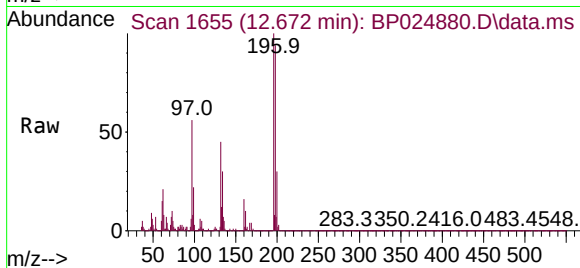
Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD



Tgt Ion:196 Resp: 851953

Ion Ratio Lower Upper

196 100

198 94.3 75.4 113.0

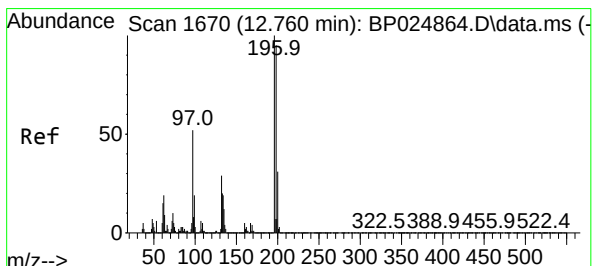
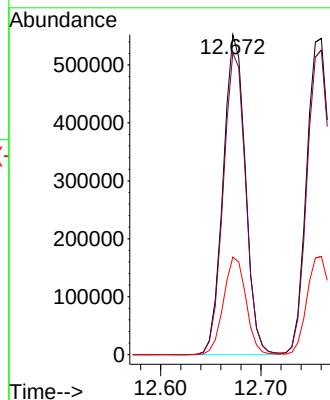
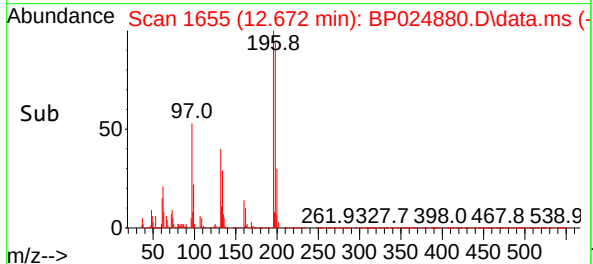
200 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#44

2,4,5-Trichlorophenol

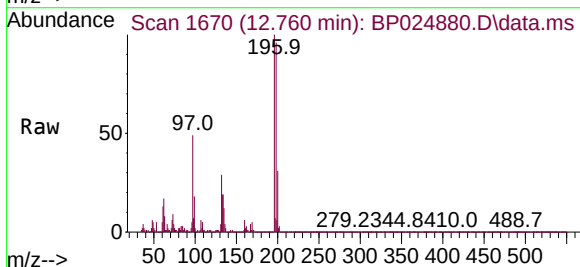
Concen: 54.280 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55



Tgt Ion:196 Resp: 931664

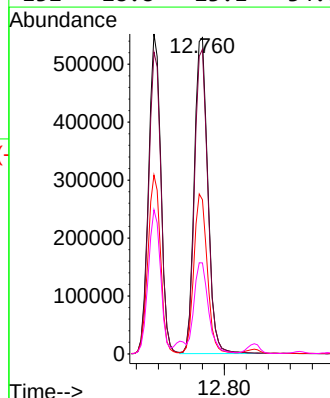
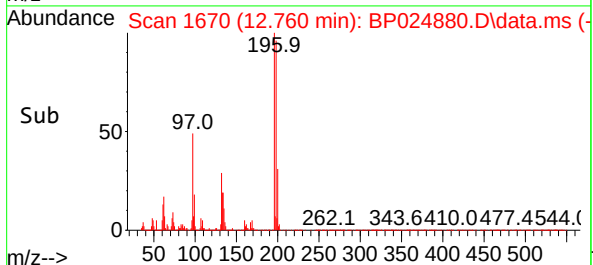
Ion Ratio Lower Upper

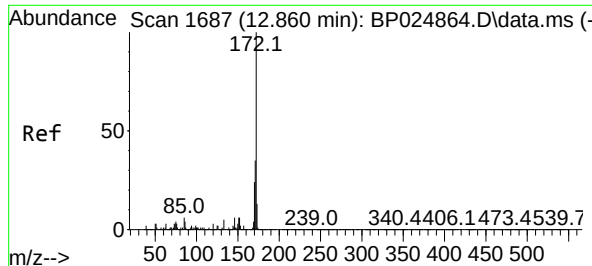
196 100

198 96.3 76.0 114.0

97 48.7 41.5 62.3

132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 85.864 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:172 Resp: 5360805

Ion Ratio Lower Upper

172 100

171 36.4 28.3 42.5

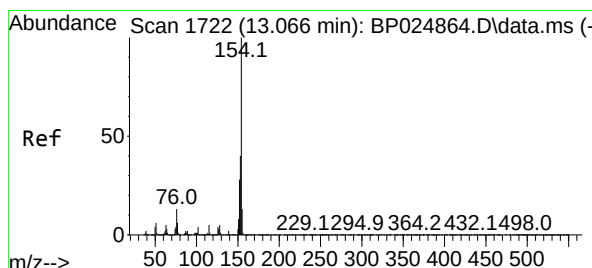
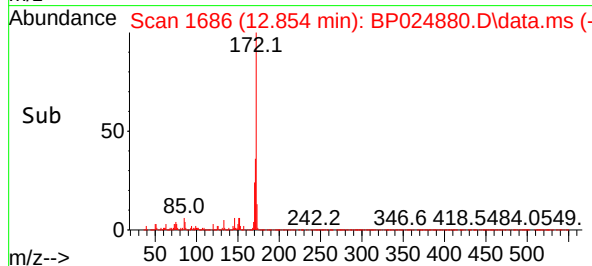
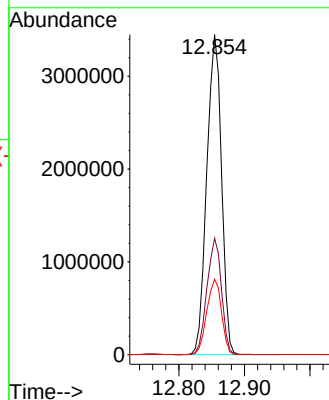
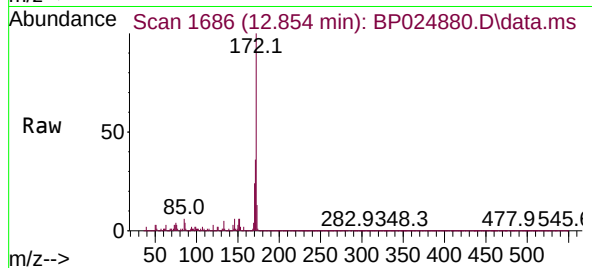
170 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#46

1,1'-Biphenyl

Concen: 48.840 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

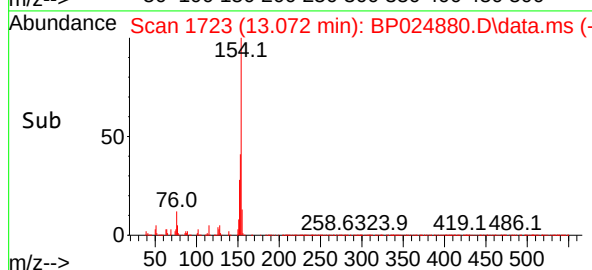
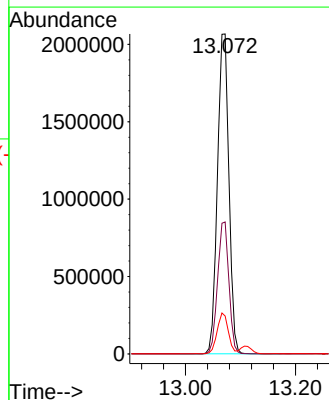
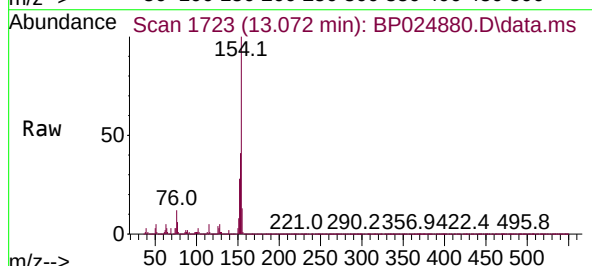
Tgt Ion:154 Resp: 2985178

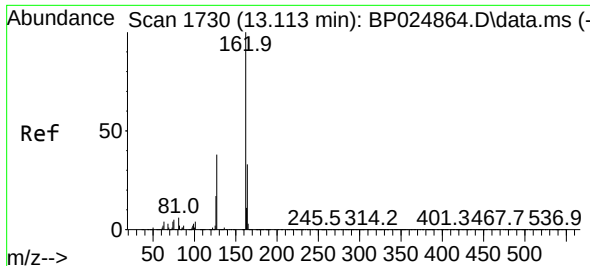
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

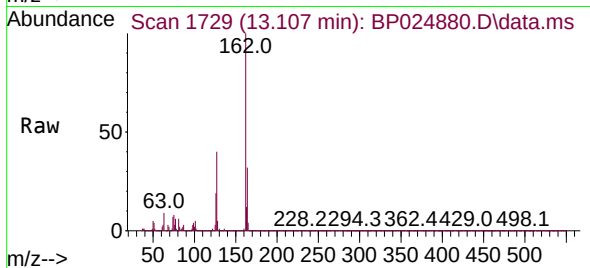
76 11.8 0.0 33.0





#47
2-Chloronaphthalene
Concen: 47.423 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

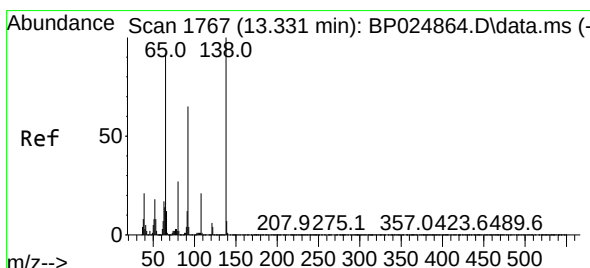
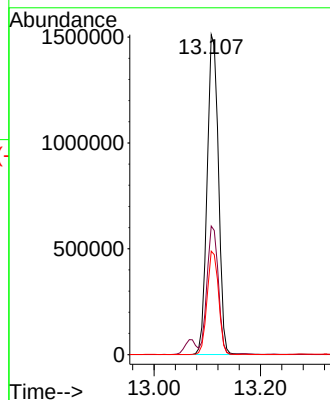
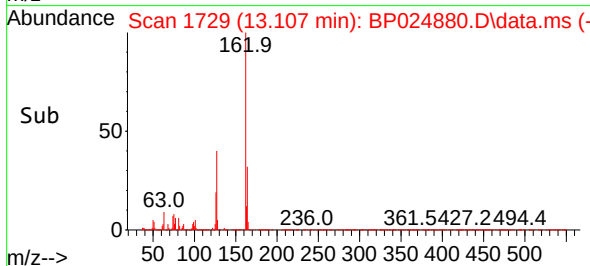
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 162 Resp: 222775
Ion Ratio Lower Upper
162 100
127 40.2 32.5 48.7
164 32.3 26.2 39.2

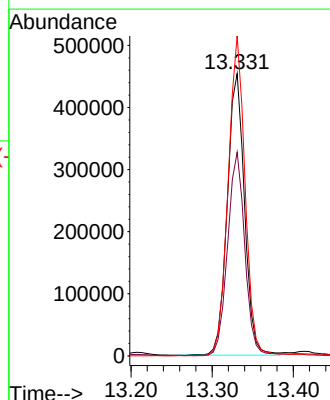
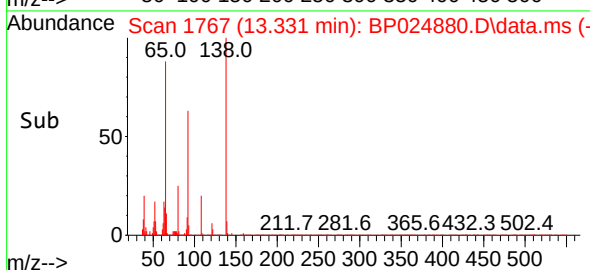
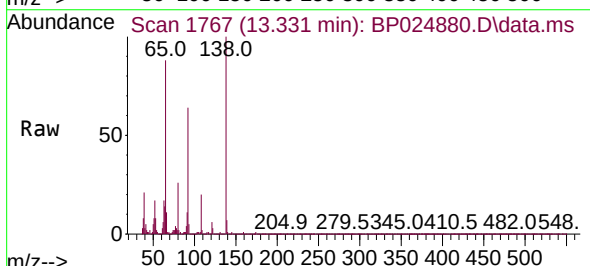
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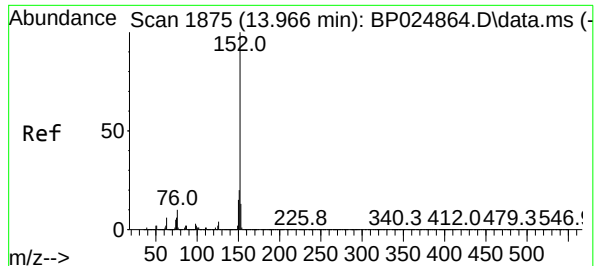
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 46.407 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 65 Resp: 670214
Ion Ratio Lower Upper
65 100
92 72.2 56.8 85.2
138 113.4 86.9 130.3





#49

Acenaphthylene

Concen: 48.008 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:152 Resp: 3760375

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

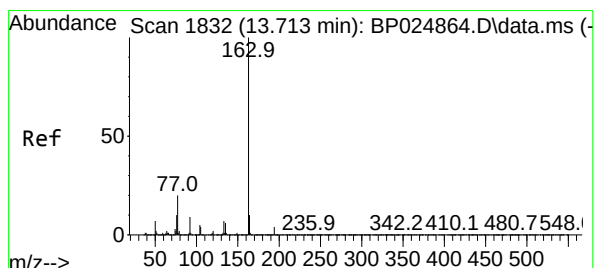
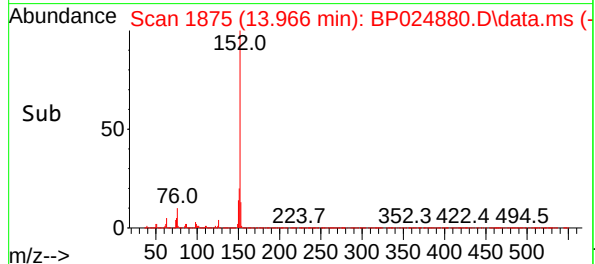
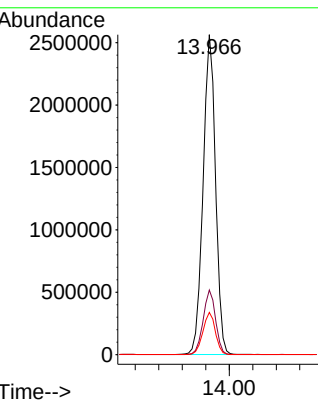
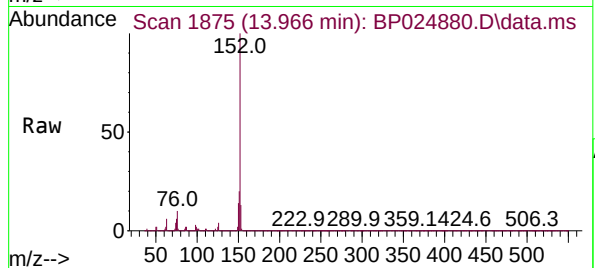
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#50

Dimethylphthalate

Concen: 50.649 ng

RT: 13.719 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

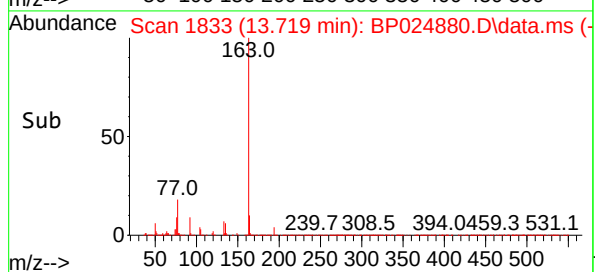
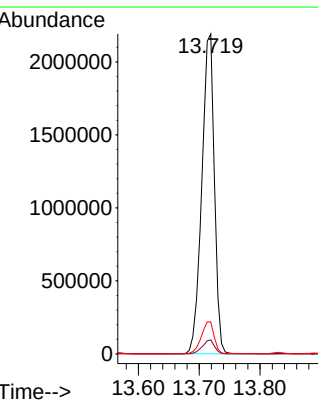
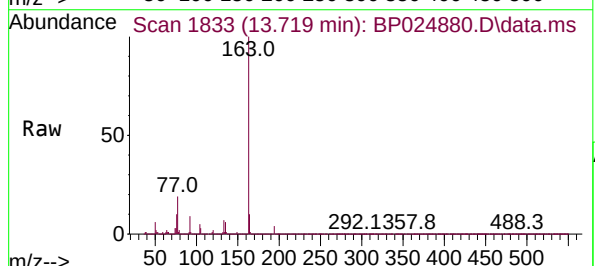
Tgt Ion:163 Resp: 3142438

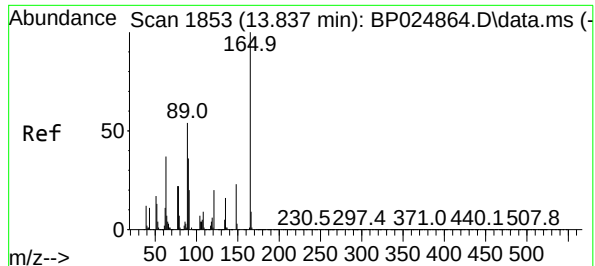
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

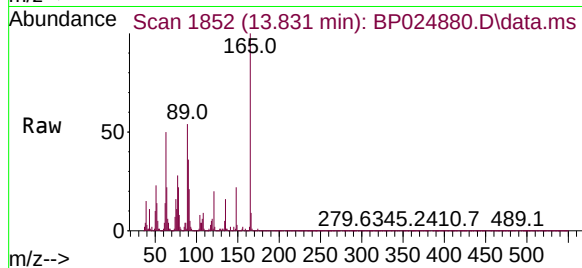
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 52.372 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

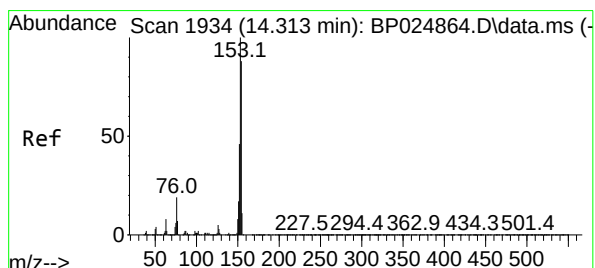
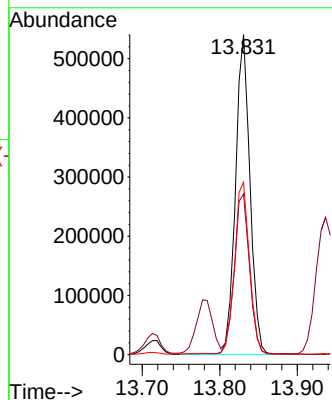
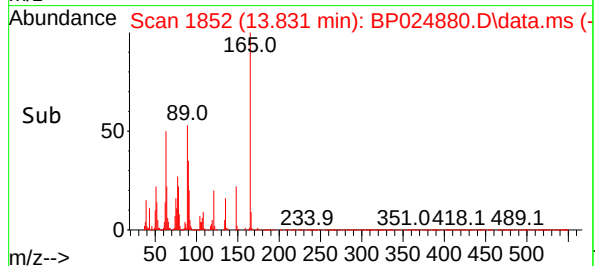
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:165 Resp: 700478
Ion Ratio Lower Upper
165 100
63 50.2 41.8 62.8
89 53.9 43.1 64.7

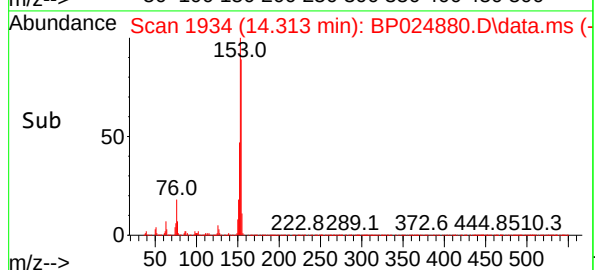
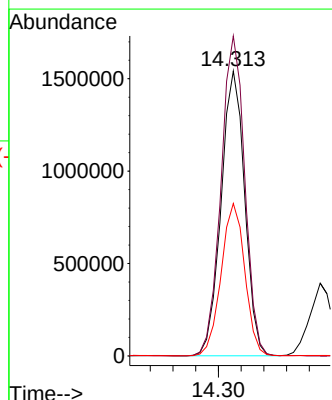
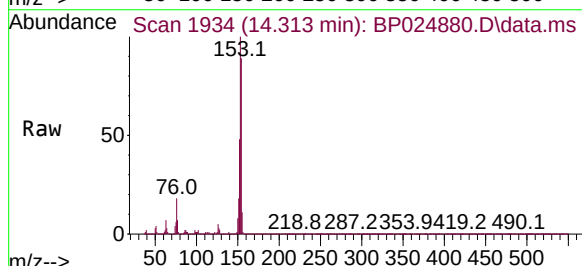
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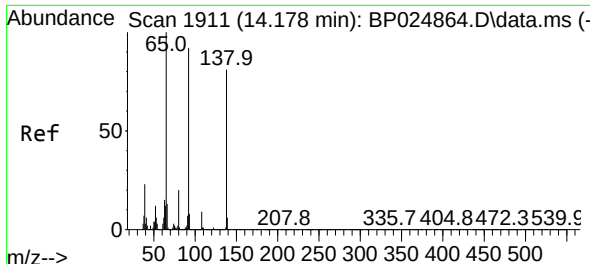
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 49.549 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

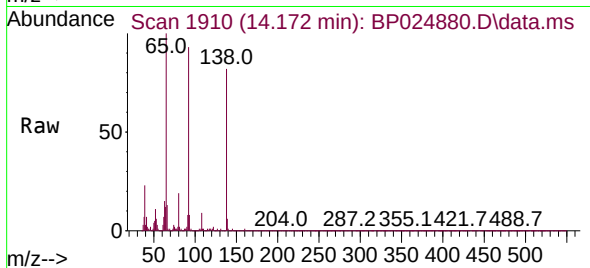
Tgt Ion:154 Resp: 2223943
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 30.534 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

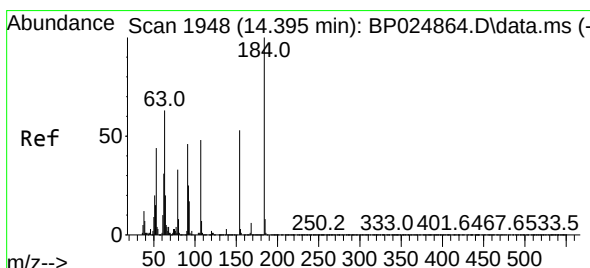
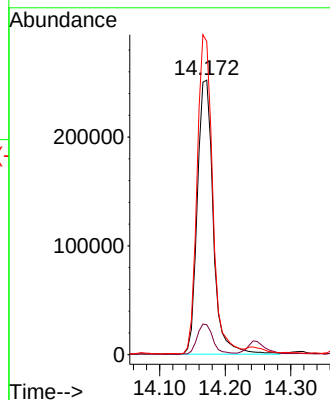
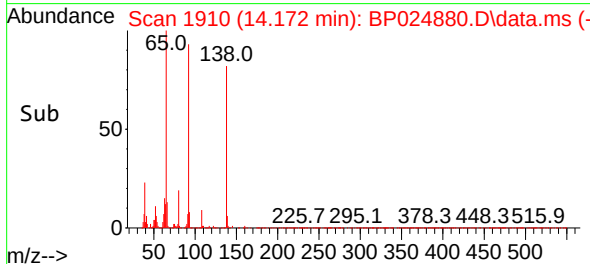
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:138 Resp: 423824
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 114.1 91.3 136.9

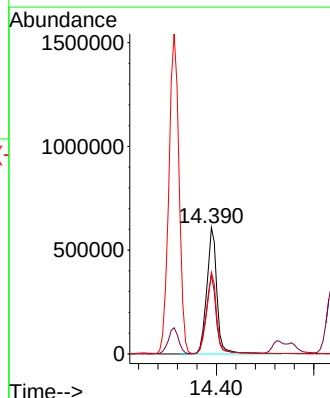
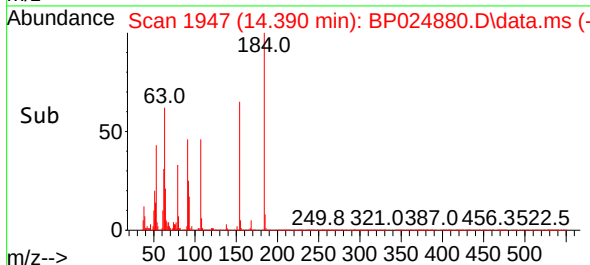
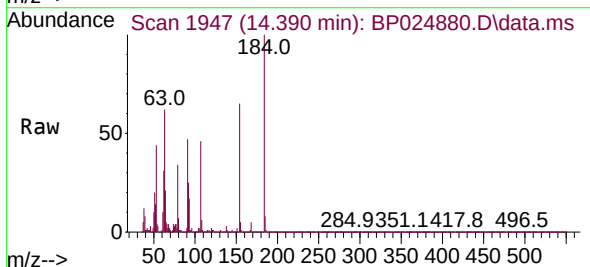
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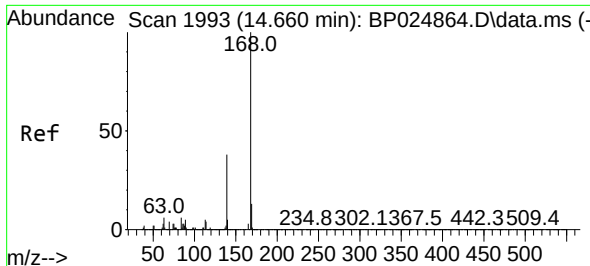
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#54
2,4-Dinitrophenol
Concen: 99.689 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

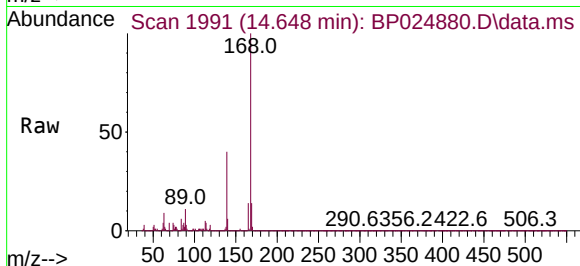
Tgt Ion:184 Resp: 881046
Ion Ratio Lower Upper
184 100
63 62.1 51.0 76.4
154 64.7 51.7 77.5





#55
Dibenzenofuran
Concen: 49.440 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

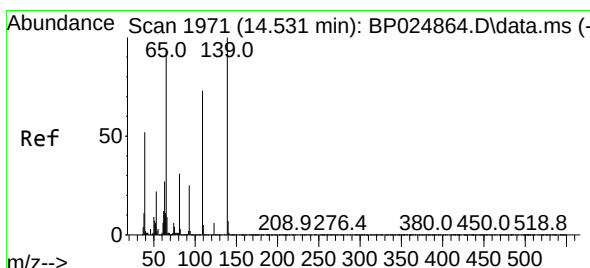
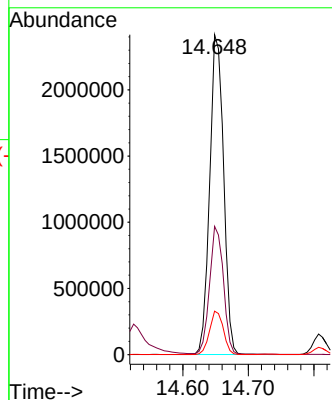
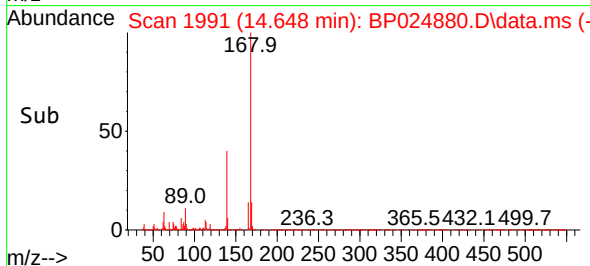
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:168 Resp: 3562013
Ion Ratio Lower Upper
168 100
139 40.1 31.6 47.4
169 13.6 10.6 15.8

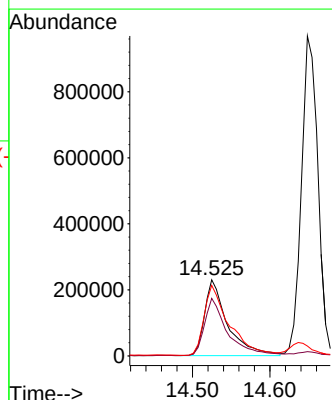
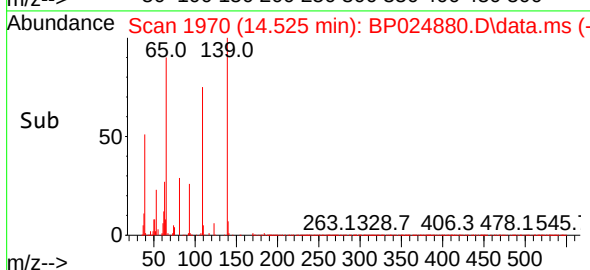
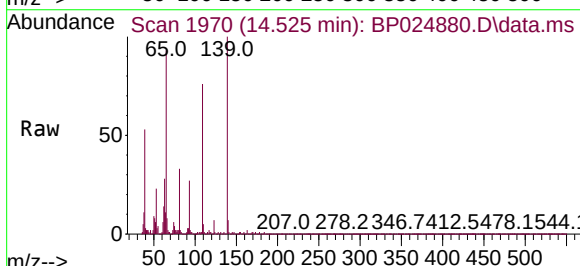
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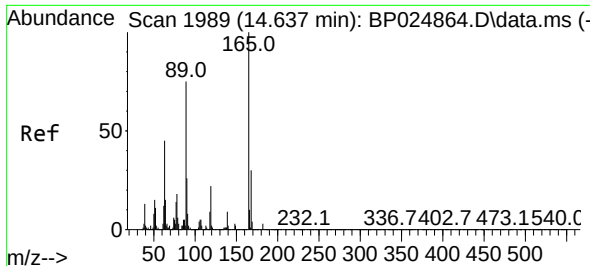
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 42.732 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

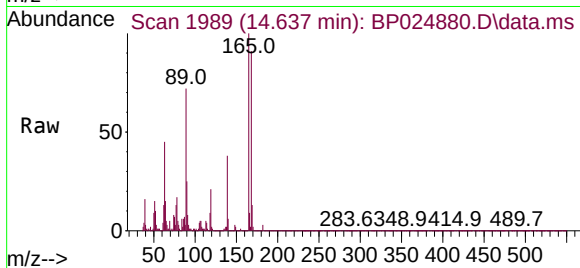
Tgt Ion:139 Resp: 470374
Ion Ratio Lower Upper
139 100
109 75.7 53.1 93.1
65 92.6 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 54.002 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

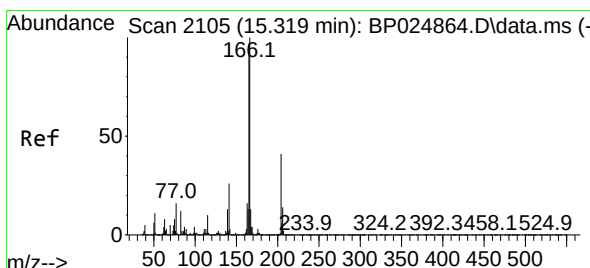
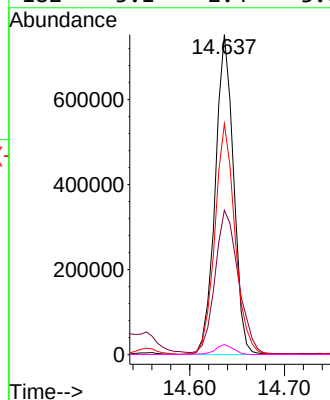
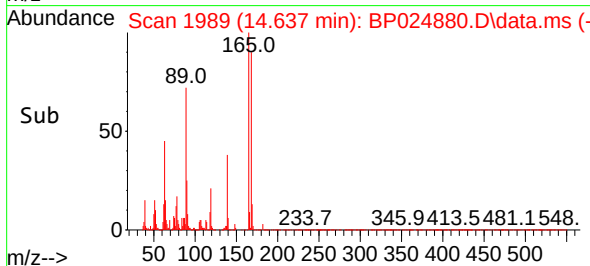
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:165 Resp: 101035
Ion Ratio Lower Upper
165 100
63 45.1 37.0 55.6
89 72.1 60.1 90.1
182 3.1 2.4 3.6

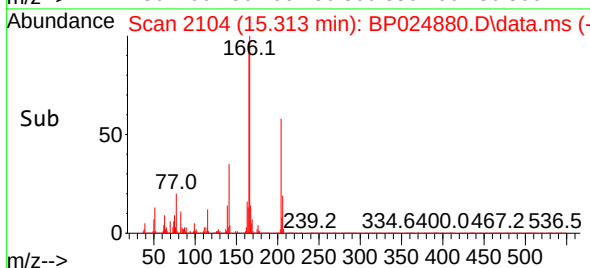
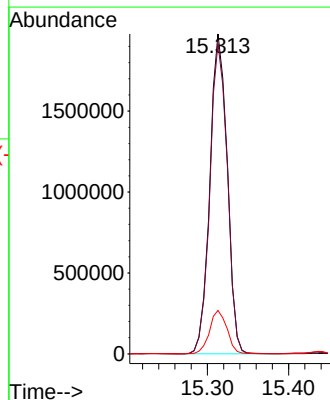
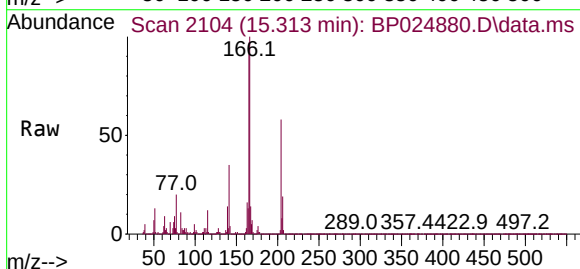
Manual Integrations
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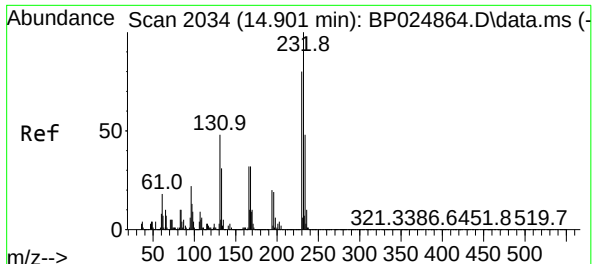
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 50.635 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:166 Resp: 2947017
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.716 ng

RT: 14.895 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:232 Resp: 823770

Ion Ratio Lower Upper

232 100

131 46.9 38.2 57.2

130 2.6 2.1 3.1

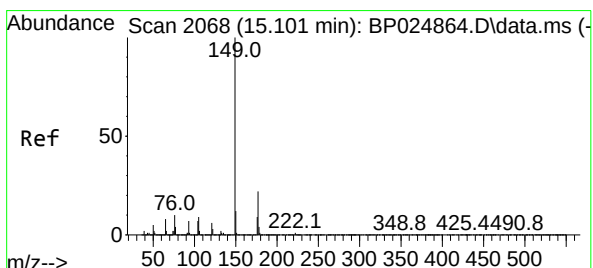
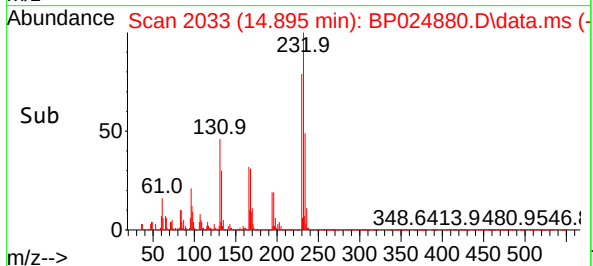
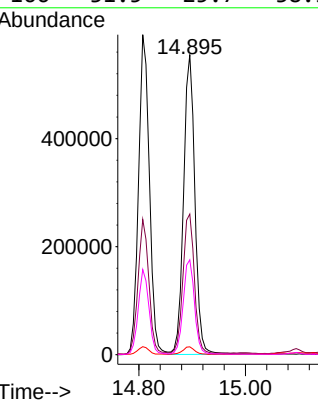
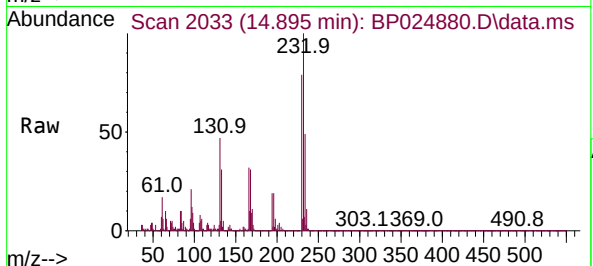
166 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#60

Diethylphthalate

Concen: 53.307 ng

RT: 15.095 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

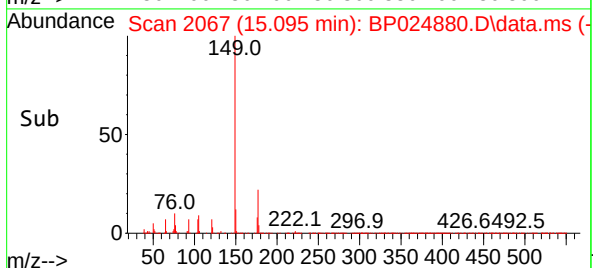
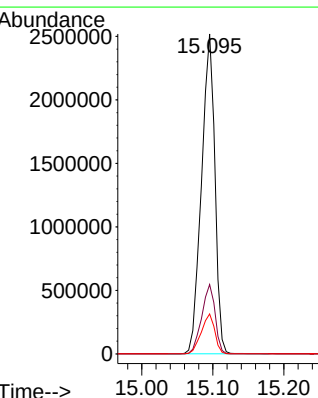
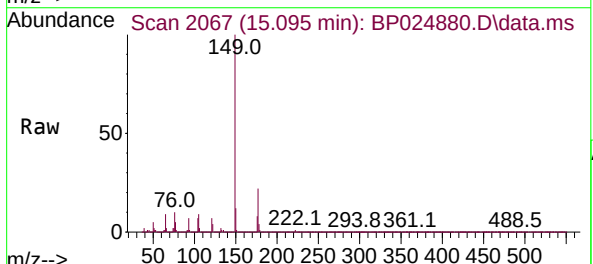
Tgt Ion:149 Resp: 3296154

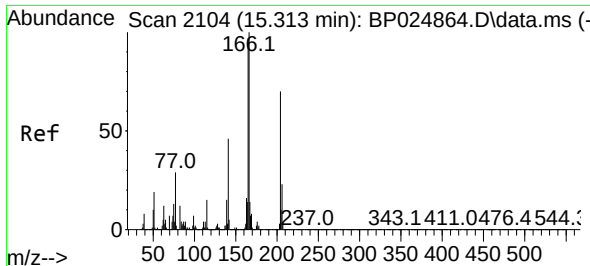
Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

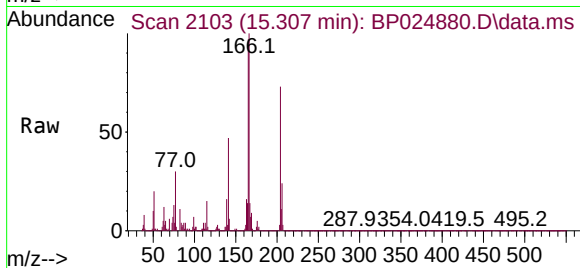
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 50.830 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

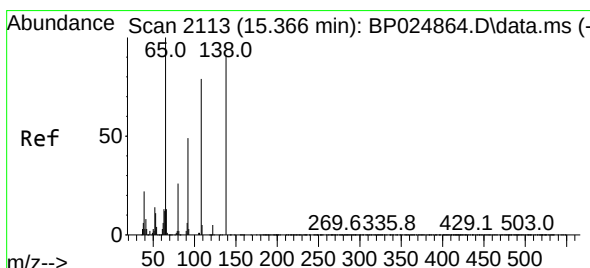
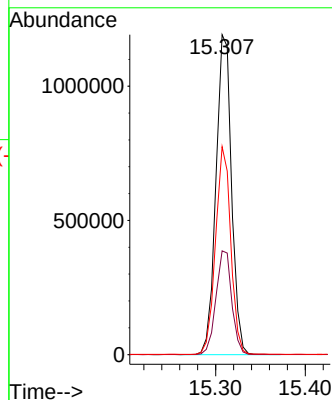
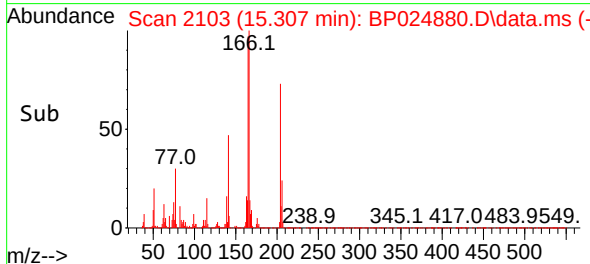
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:204 Resp: 1446499
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 65.0 52.4 78.6

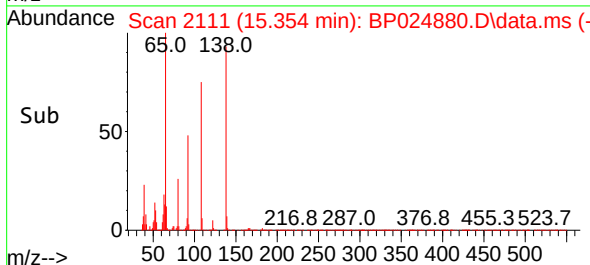
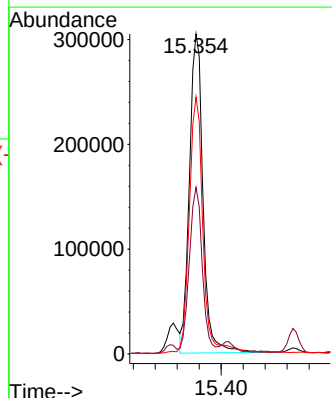
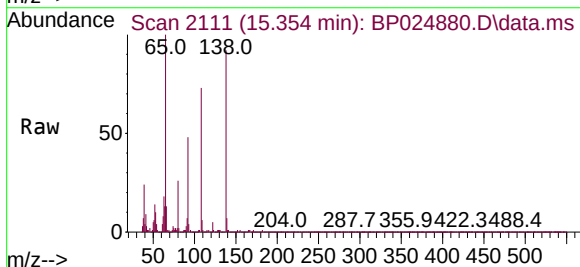
Manual Integrations
APPROVED

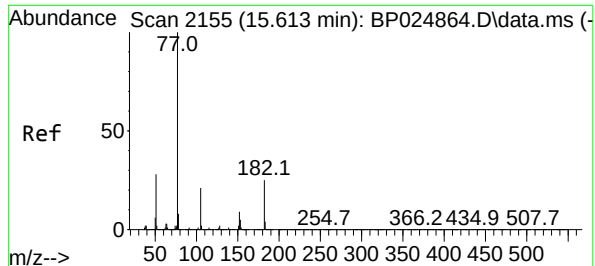
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 41.603 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

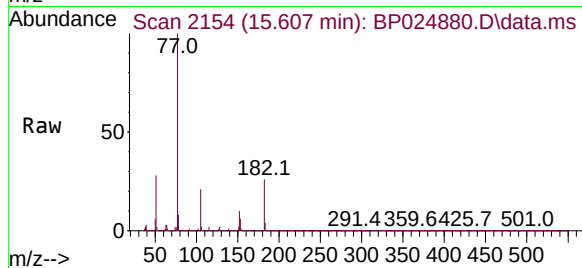
Tgt Ion:138 Resp: 523586
Ion Ratio Lower Upper
138 100
92 52.0 33.5 73.5
108 80.3 65.1 105.1





#63
Azobenzene
Concen: 52.624 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

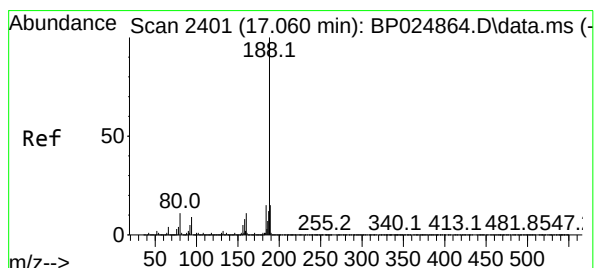
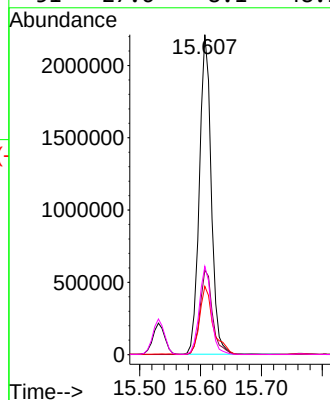
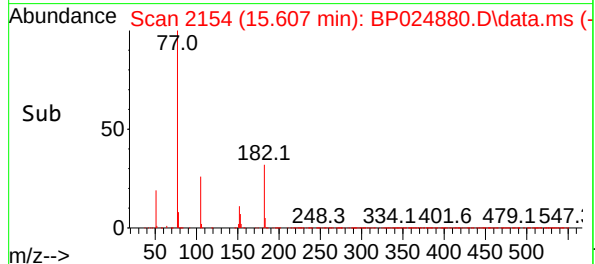
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



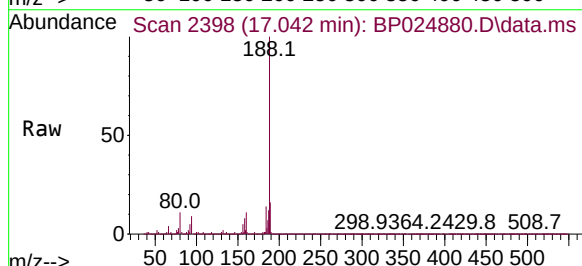
Tgt Ion: 77 Resp: 2984270
Ion Ratio Lower Upper
77 100
182 26.4 5.4 45.4
105 21.3 0.8 40.8
51 27.6 8.1 48.1

Manual Integrations
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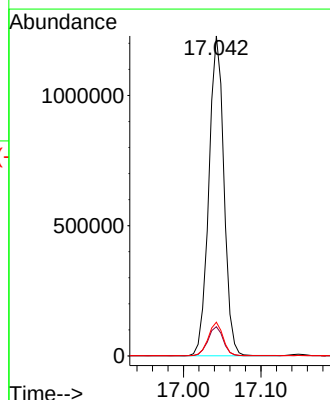
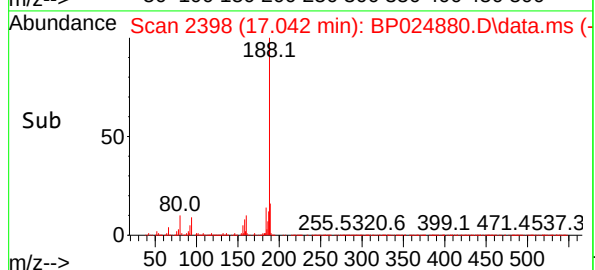
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

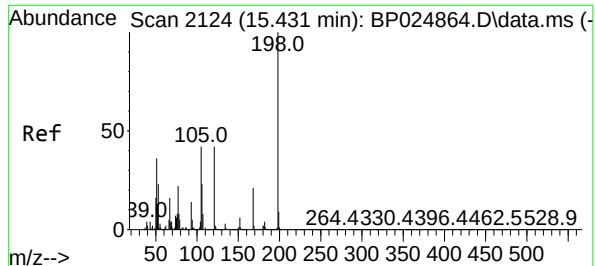


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



Tgt Ion:188 Resp: 1657665
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.5 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 52.658 ng

RT: 15.413 min Scan# 2121

Delta R.T. -0.018 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:198 Resp: 57356

Ion Ratio Lower Upper

198 100

51 39.8 19.2 59.2

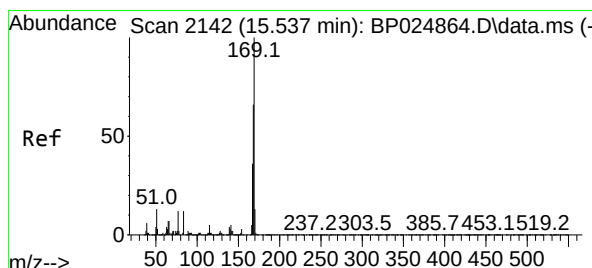
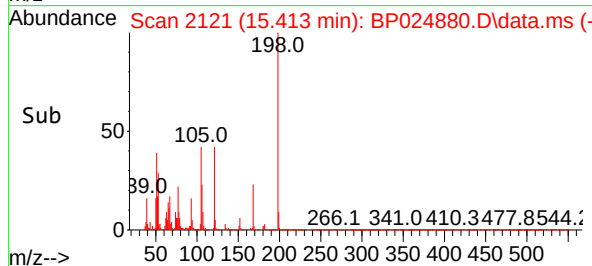
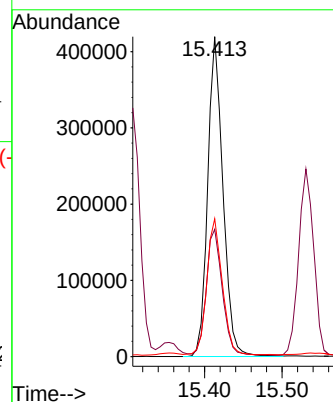
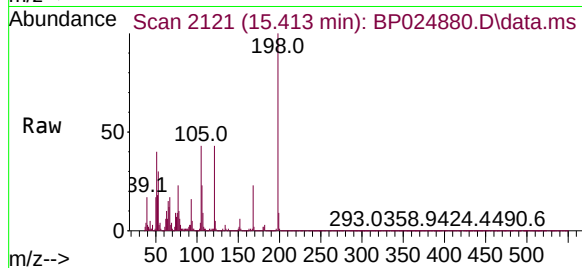
105 43.1 22.6 62.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#66

n-Nitrosodiphenylamine

Concen: 50.028 ng

RT: 15.531 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

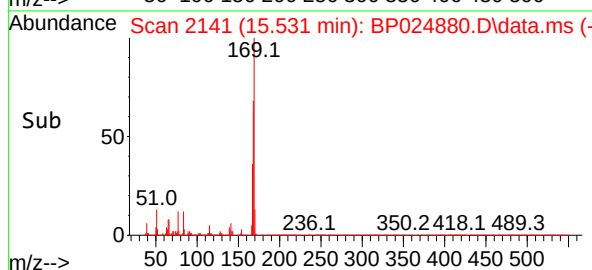
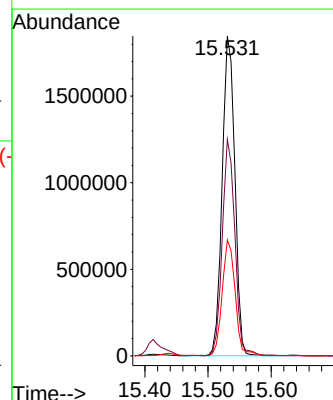
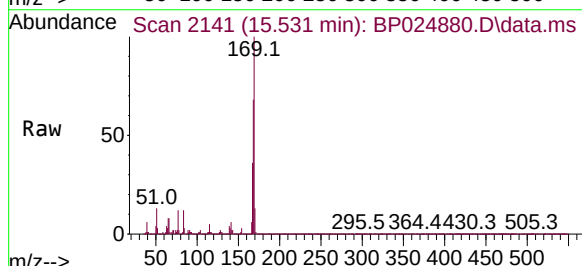
Tgt Ion:169 Resp: 2570412

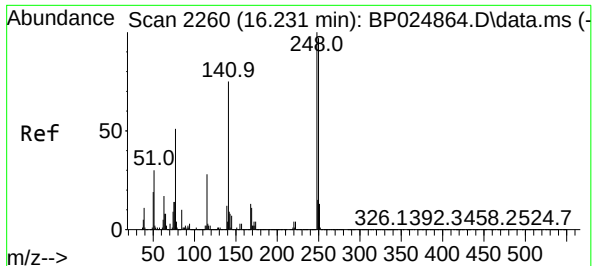
Ion Ratio Lower Upper

169 100

168 67.6 53.0 79.6

167 36.2 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 53.352 ng

RT: 16.219 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:248 Resp: 997886

Ion Ratio Lower Upper

248 100

250 98.3 77.4 116.2

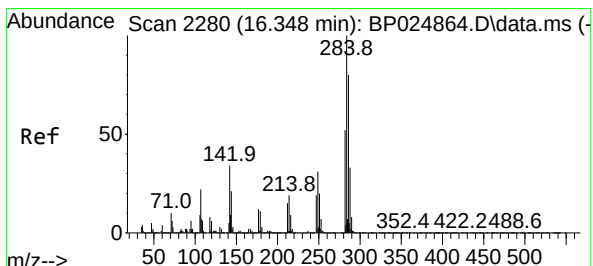
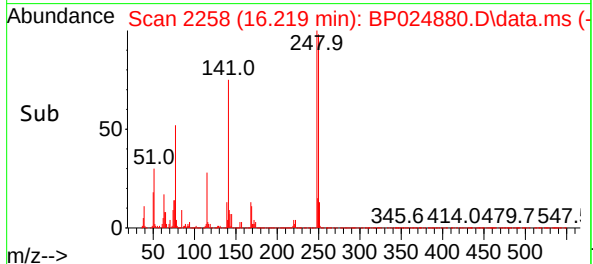
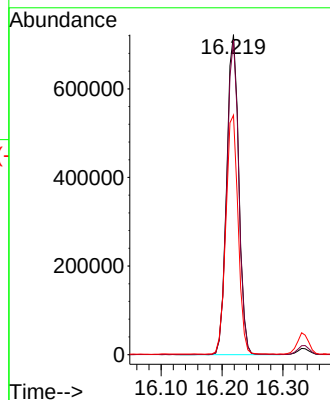
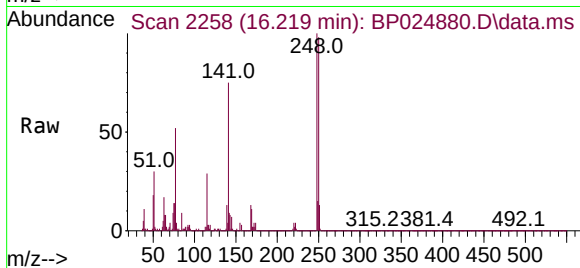
141 74.8 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#68

Hexachlorobenzene

Concen: 52.127 ng

RT: 16.337 min Scan# 2278

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

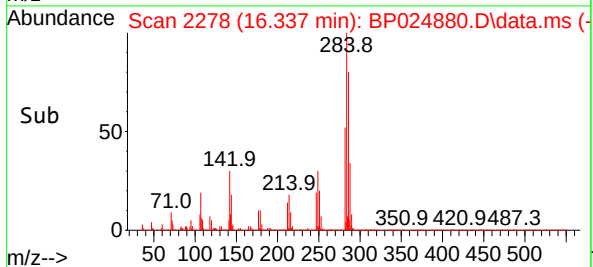
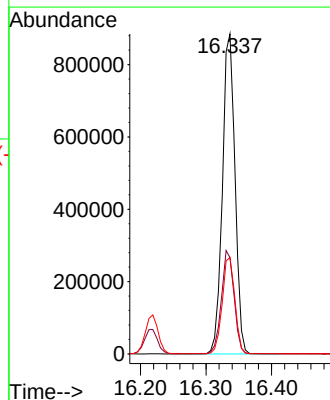
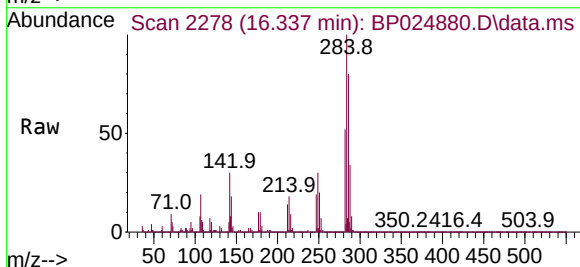
Tgt Ion:284 Resp: 1181954

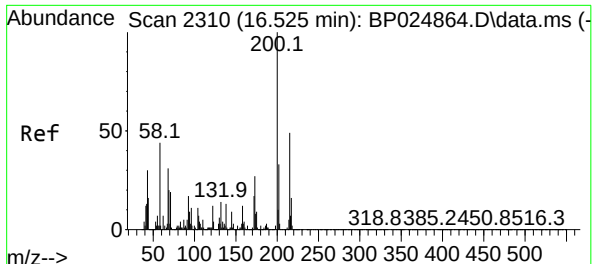
Ion Ratio Lower Upper

284 100

142 30.1 27.0 40.6

249 30.1 25.0 37.6





#69

Atrazine

Concen: 53.958 ng

RT: 16.513 min Scan# 2310

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:200 Resp: 100502

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

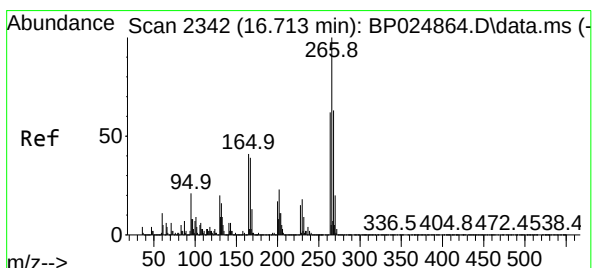
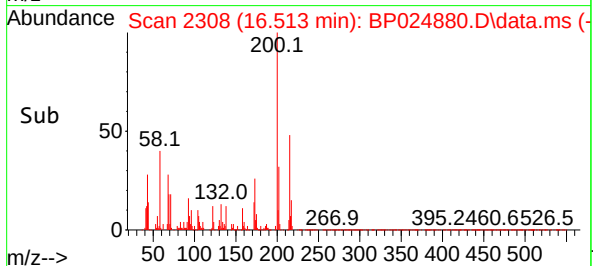
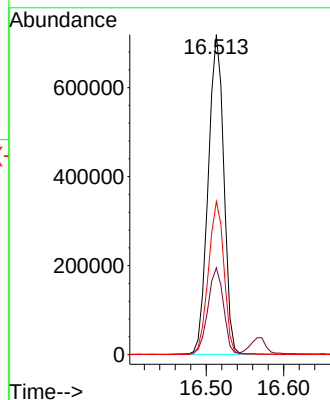
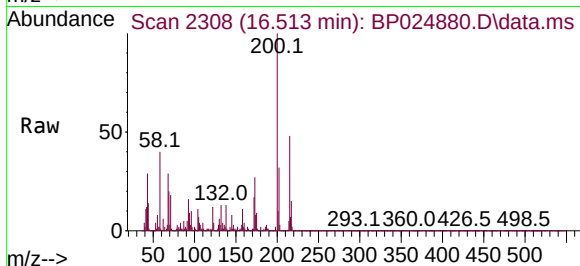
215 47.8 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#70

Pentachlorophenol

Concen: 133.632 ng

RT: 16.701 min Scan# 2340

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

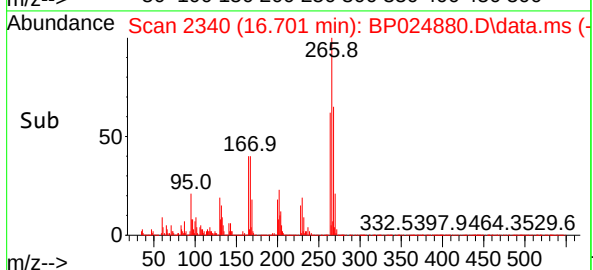
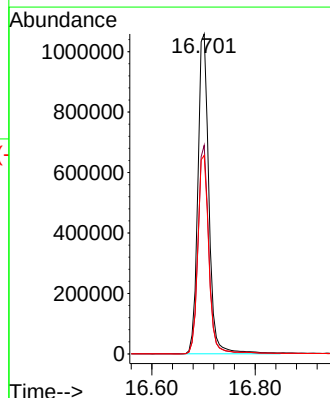
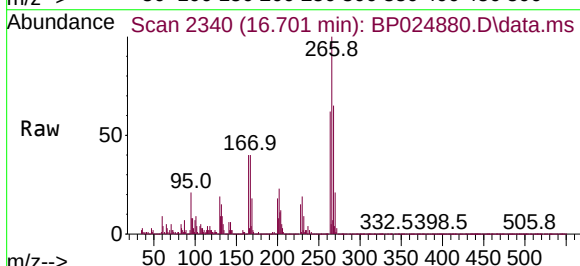
Tgt Ion:266 Resp: 1568201

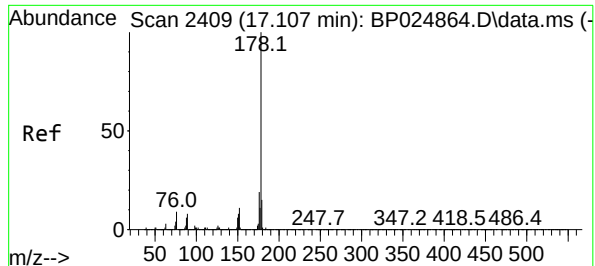
Ion Ratio Lower Upper

266 100

268 65.2 50.6 76.0

264 62.0 49.7 74.5





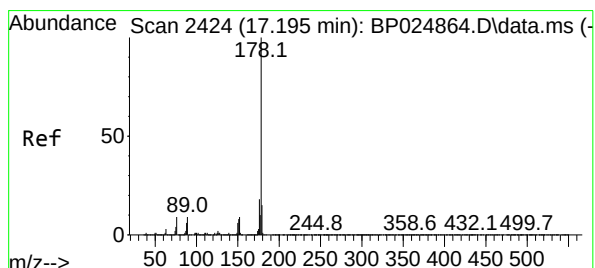
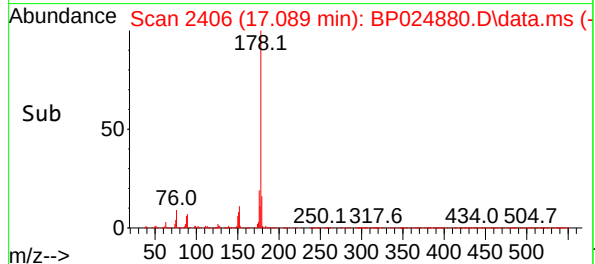
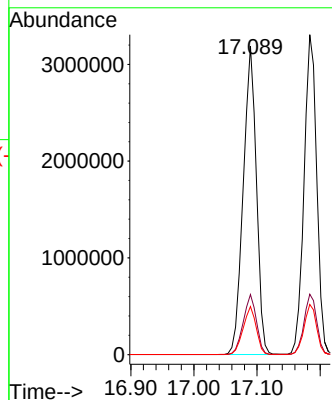
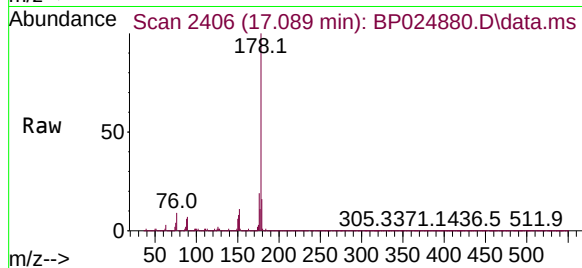
#71
Phenanthrene
Concen: 50.372 ng
RT: 17.089 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Tgt Ion:178 Resp: 4614297
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.1 18.1

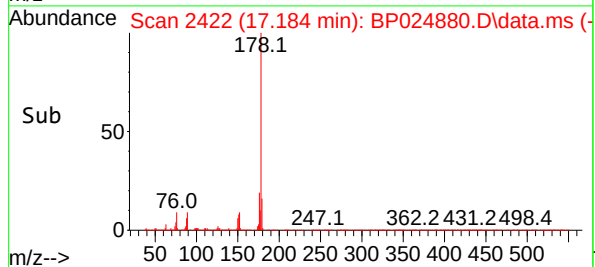
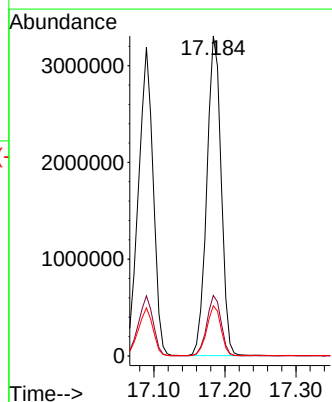
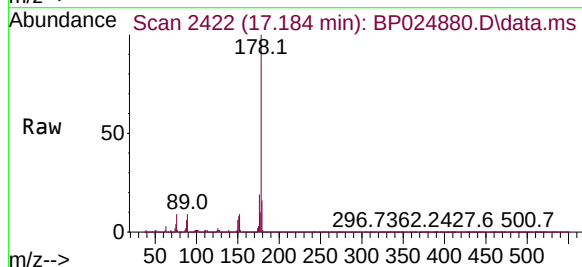
Manual Integrations
APPROVED

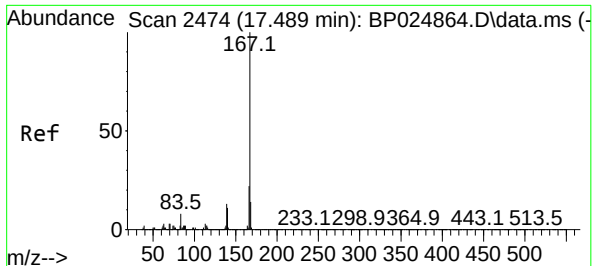
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 49.786 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

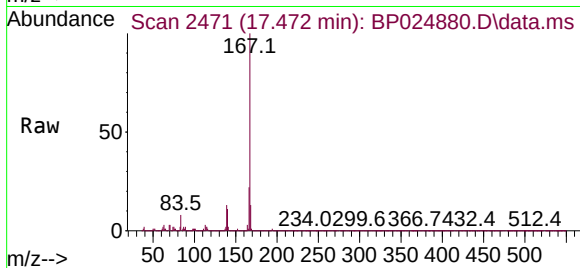
Tgt Ion:178 Resp: 4618867
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.3 18.5





#73
Carbazole
Concen: 51.477 ng
RT: 17.472 min Scan# 2474
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

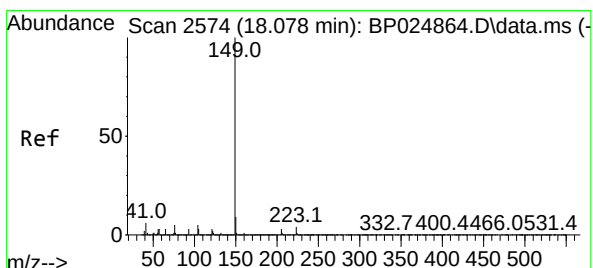
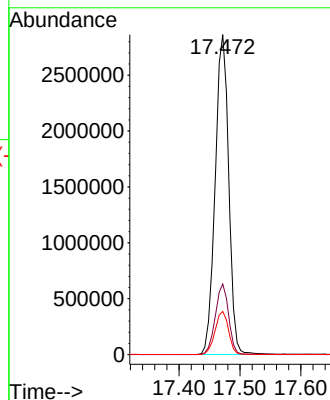
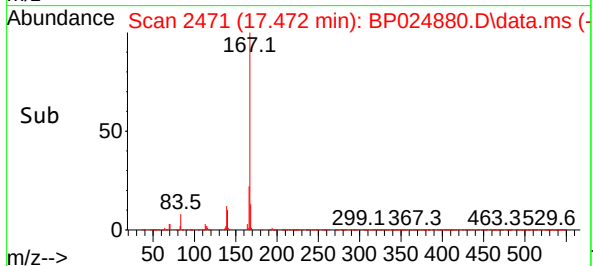
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:167 Resp: 4426692
Ion Ratio Lower Upper
167 100
166 22.1 17.3 25.9
139 13.5 10.8 16.2

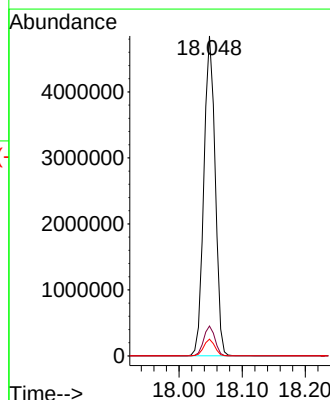
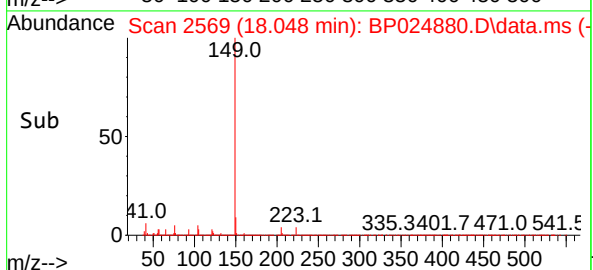
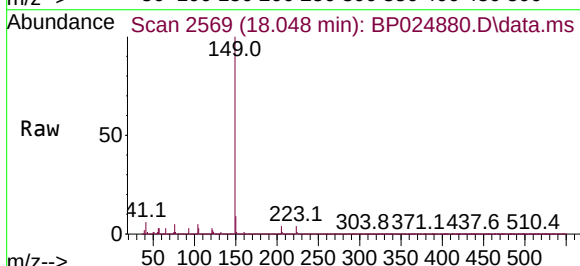
Manual Integrations
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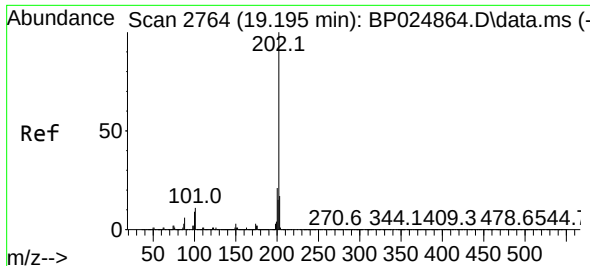
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#74
Di-n-butylphthalate
Concen: 56.341 ng
RT: 18.048 min Scan# 2569
Delta R.T. -0.029 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

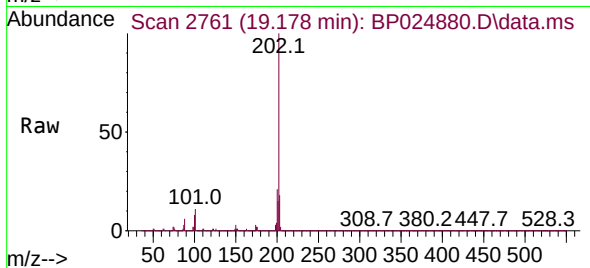
Tgt Ion:149 Resp: 6002825
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 51.645 ng
RT: 19.178 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

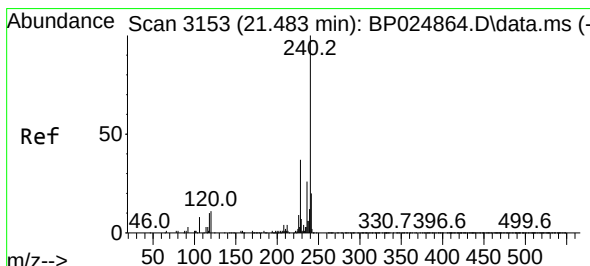
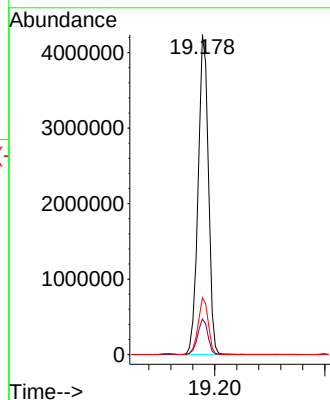
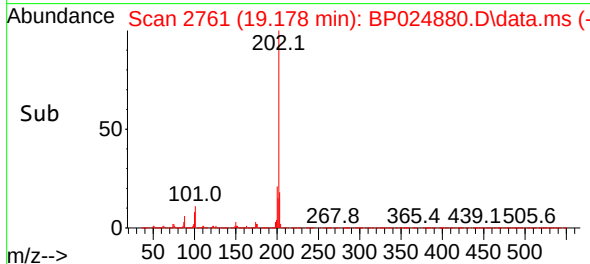
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:202 Resp: 548333
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.8 0.0 37.5

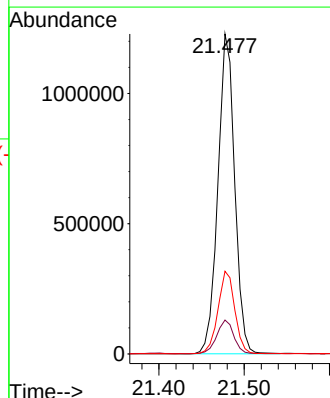
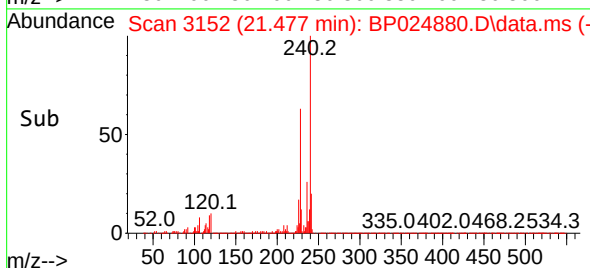
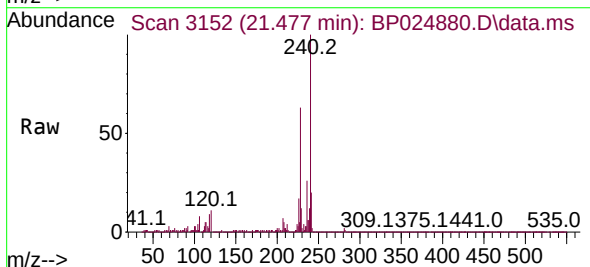
Manual Integrations
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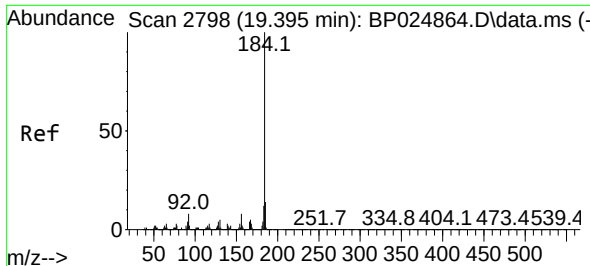
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

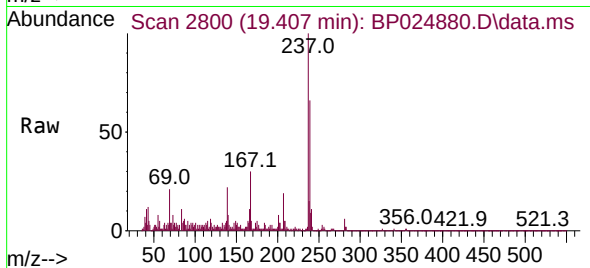
Tgt Ion:240 Resp: 1681535
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.8 20.9 31.3





#77
Benzidine
Concen: 0.304 ng m
RT: 19.407 min Scan# 281
Delta R.T. 0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

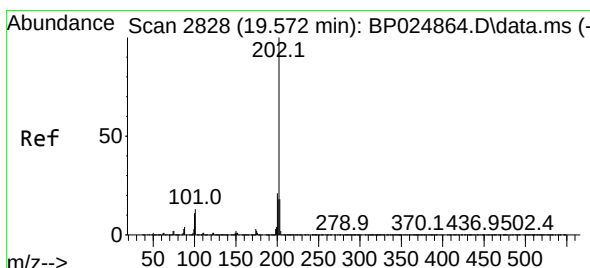
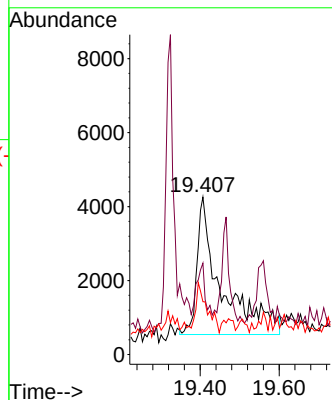
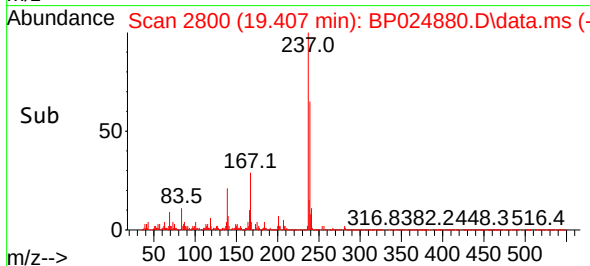
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:184 Resp: 15854
Ion Ratio Lower Upper
184 100
185 58.0 11.4 17.0
183 33.6 9.5 14.3

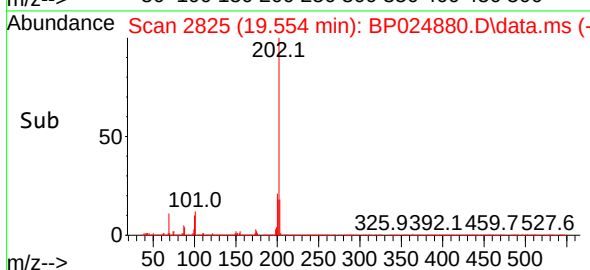
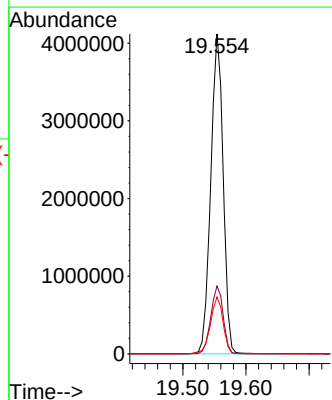
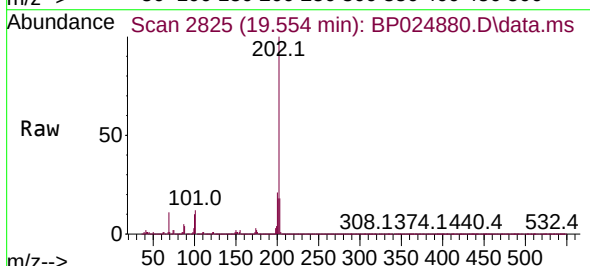
Manual Integrations
APPROVED

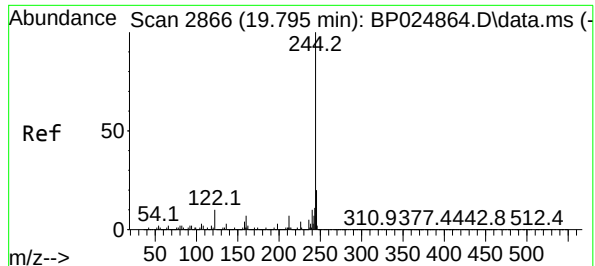
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 53.412 ng
RT: 19.554 min Scan# 2825
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:202 Resp: 5611099
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 89.330 ng

RT: 19.772 min Scan# 2866

Delta R.T. -0.024 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:244 Resp: 838120

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

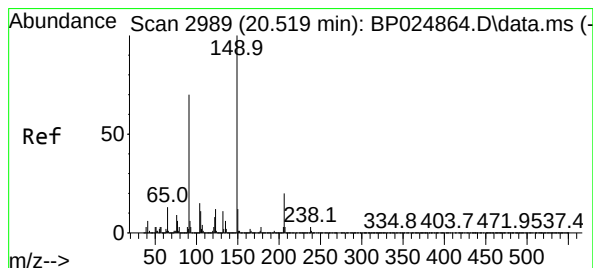
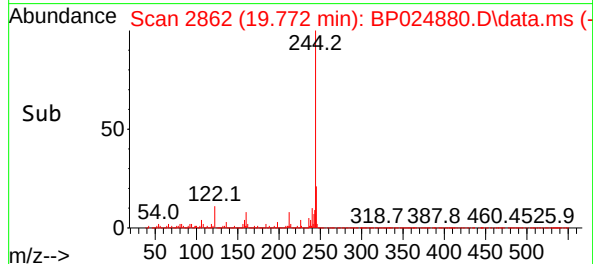
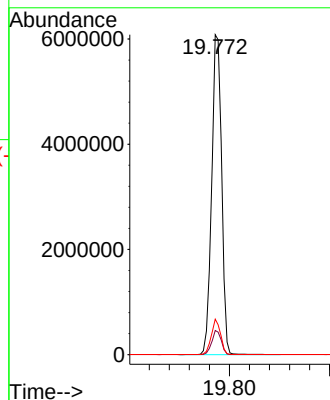
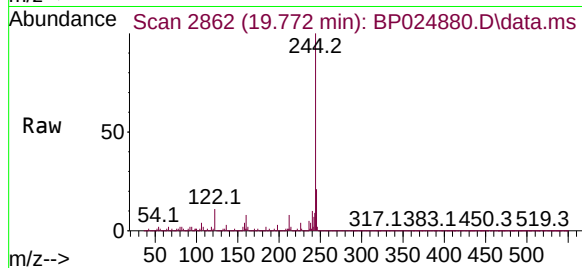
122 11.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#80

Butylbenzylphthalate

Concen: 59.393 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

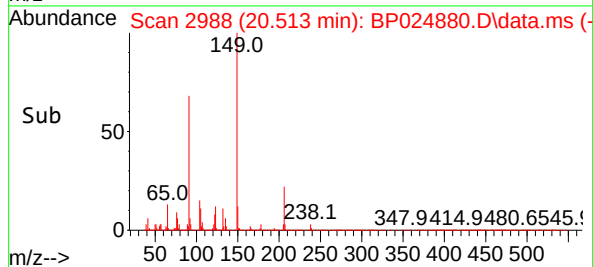
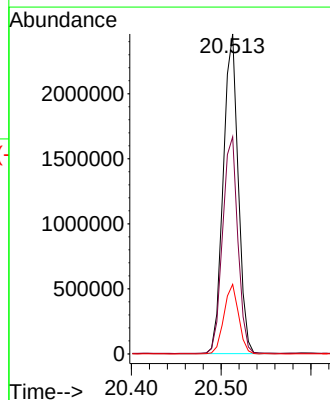
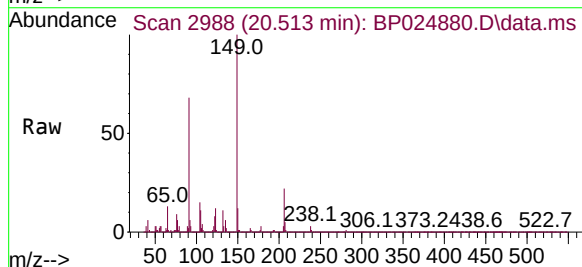
Tgt Ion:149 Resp: 2857974

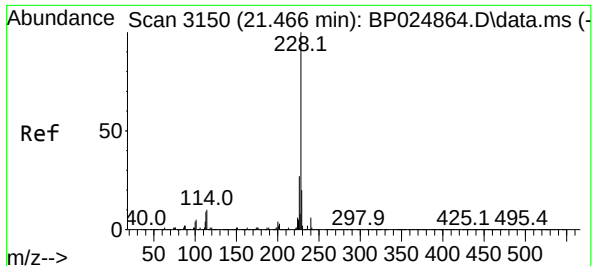
Ion Ratio Lower Upper

149 100

91 67.8 55.8 83.8

206 21.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 51.831 ng

RT: 21.460 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:228 Resp: 5574248

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

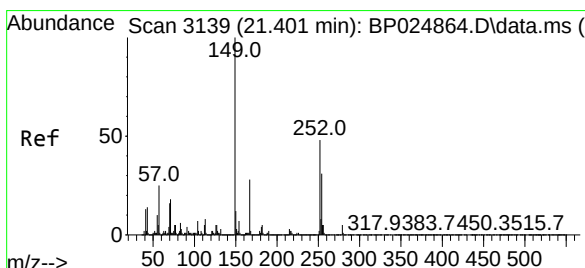
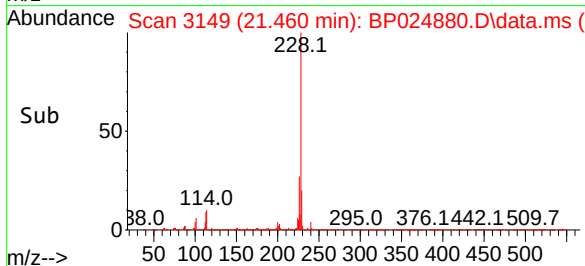
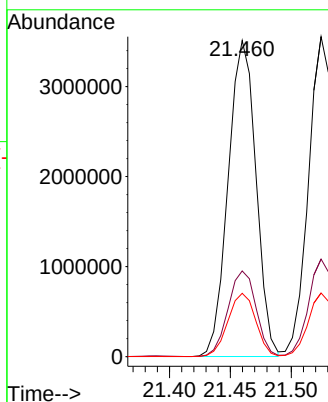
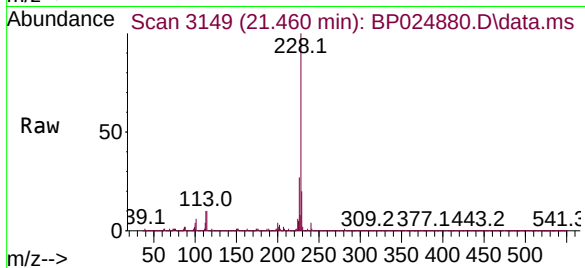
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#82

3,3'-Dichlorobenzidine

Concen: 17.135 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

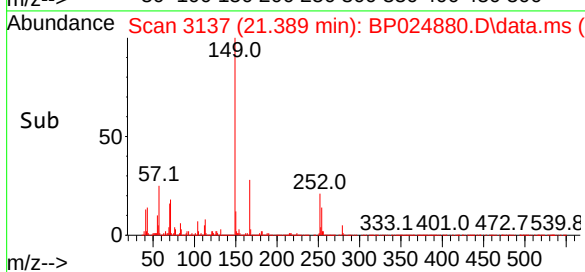
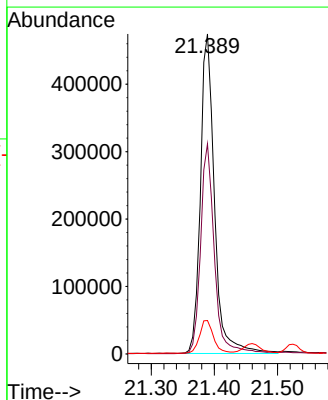
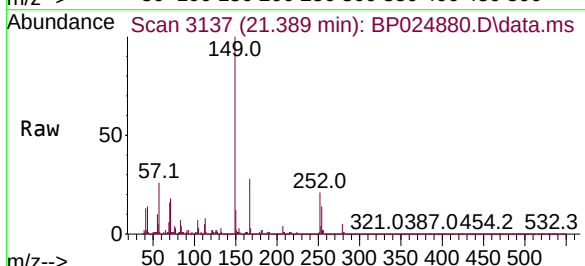
Tgt Ion:252 Resp: 731610

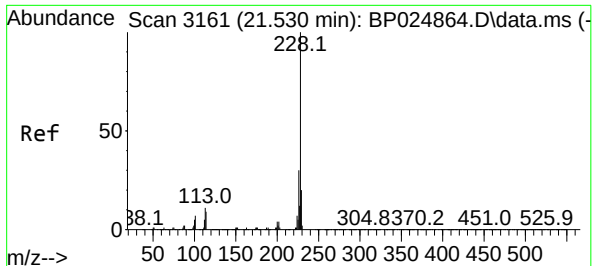
Ion Ratio Lower Upper

252 100

254 65.6 51.2 76.8

126 10.4 8.6 12.8





#83

Chrysene

Concen: 51.424 ng

RT: 21.524 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:228 Resp: 524030

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

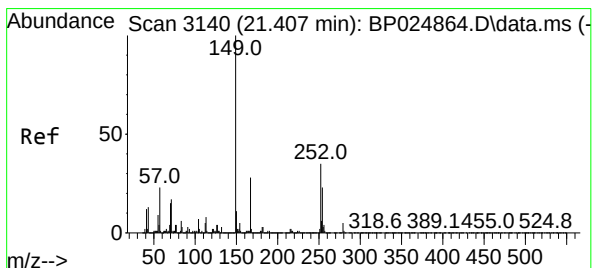
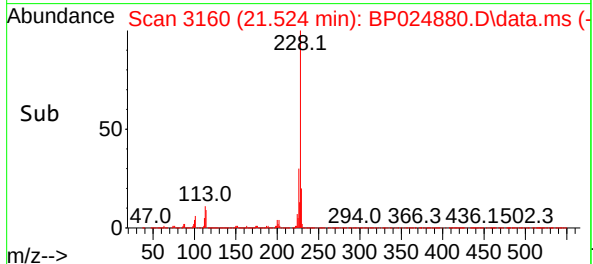
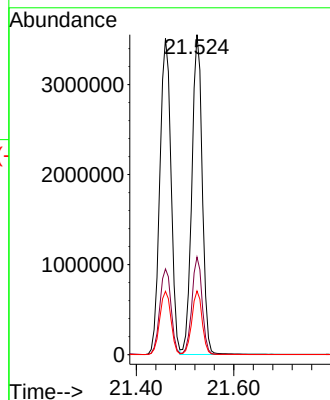
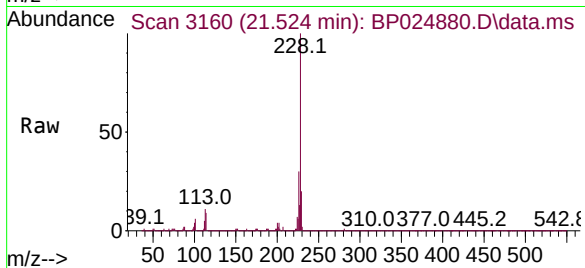
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.529 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

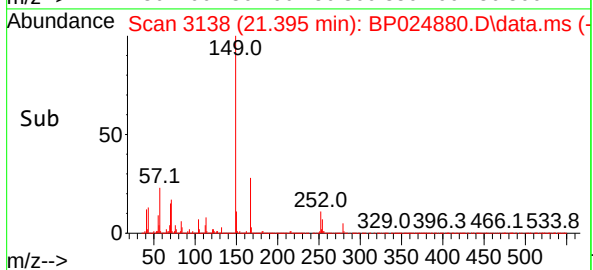
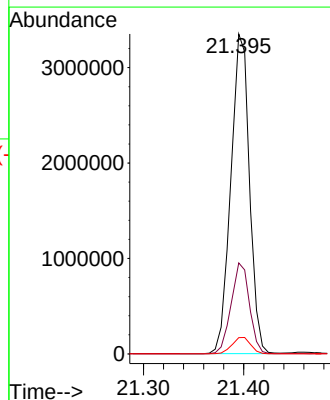
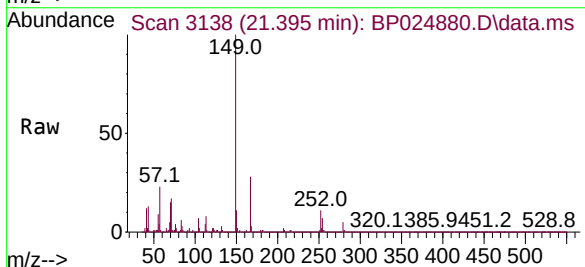
Tgt Ion:149 Resp: 4311017

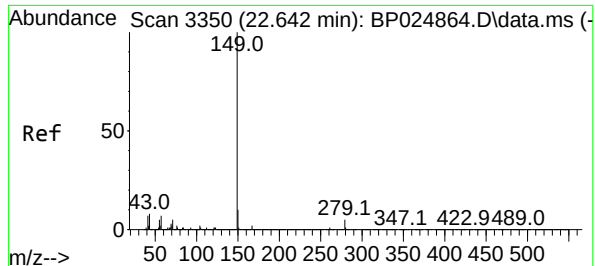
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

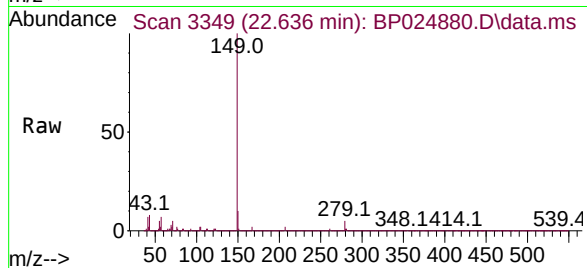
279 5.1 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 60.971 ng
RT: 22.636 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

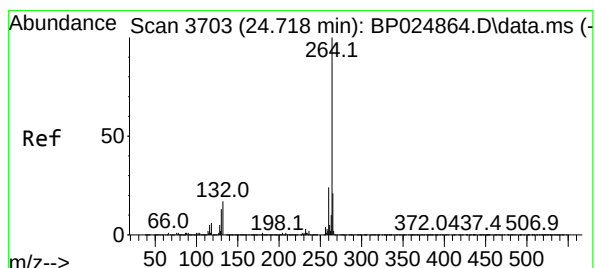
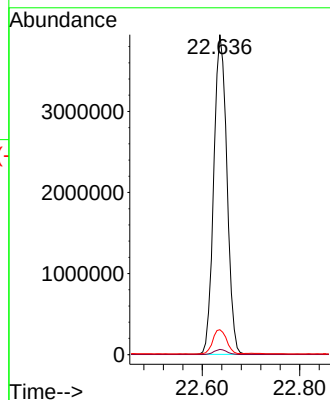
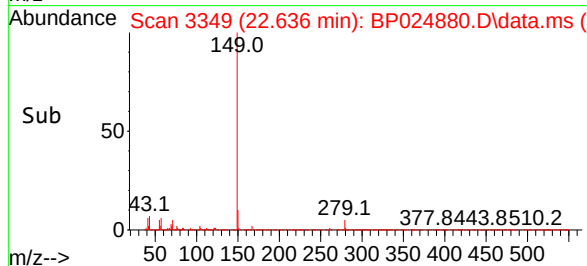
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



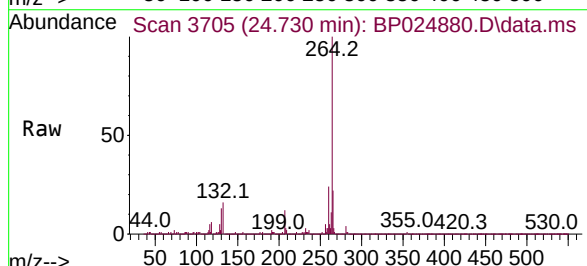
Tgt Ion:149 Resp: 7409270
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.6 10.0

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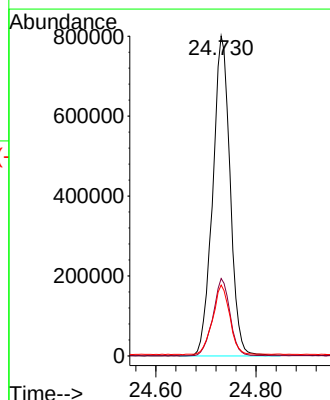
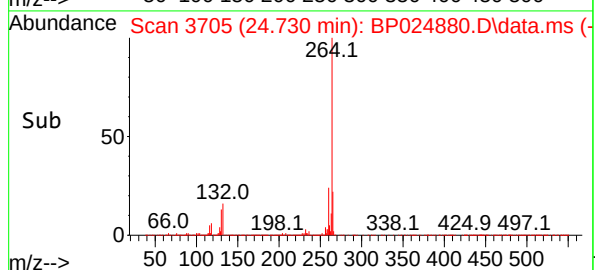
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

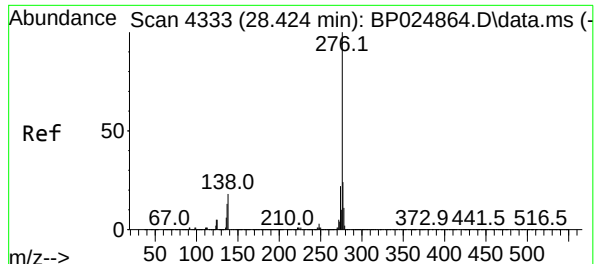


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



Tgt Ion:264 Resp: 1927042
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.973 ng

RT: 28.436 min Scan# 4333

Delta R.T. 0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:276 Resp: 7307495

Ion Ratio Lower Upper

276 100

138 14.4 18.6 27.8

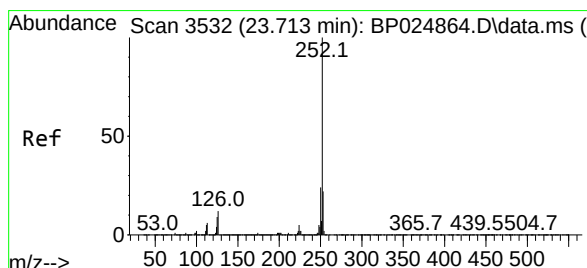
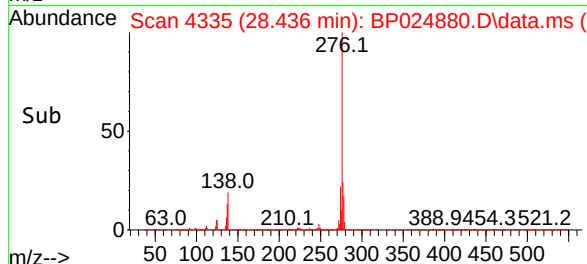
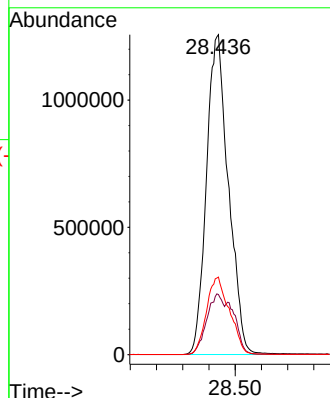
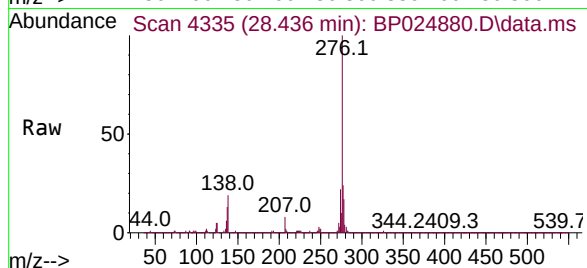
277 25.4 20.2 30.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#88

Benzo(b)fluoranthene

Concen: 52.654 ng

RT: 23.713 min Scan# 3532

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

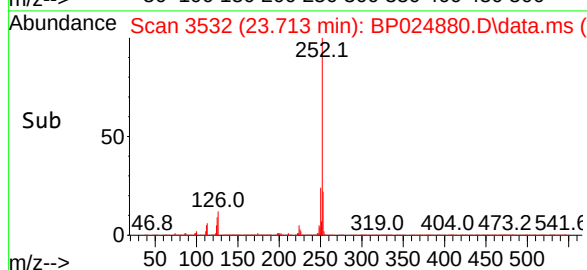
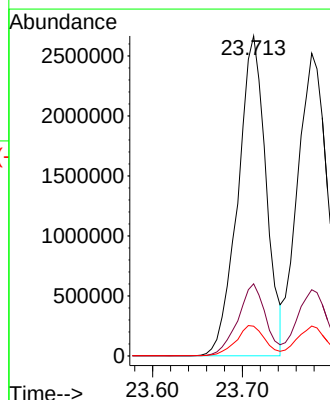
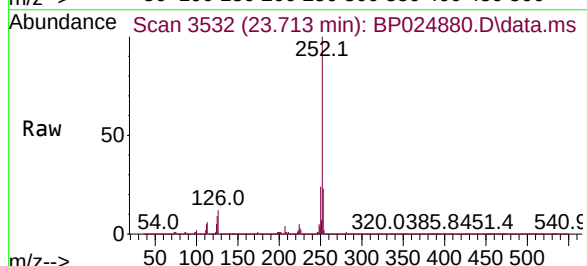
Tgt Ion:252 Resp: 5806971

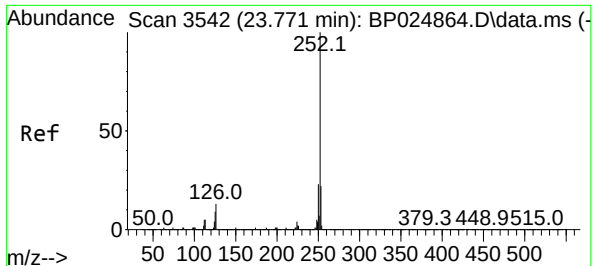
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.816 ng

RT: 23.777 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:252 Resp: 5816924

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

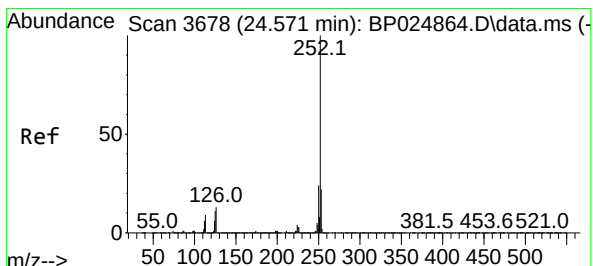
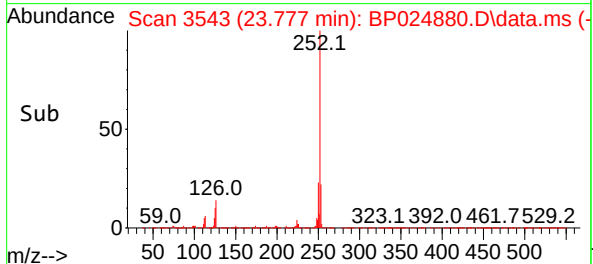
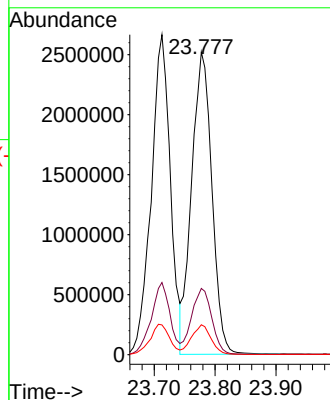
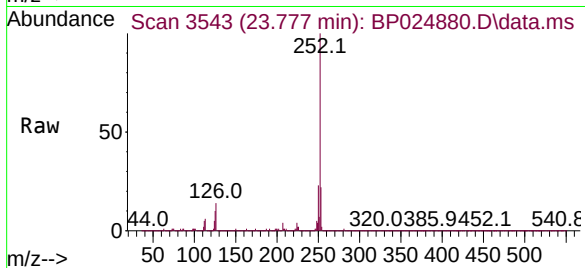
125 9.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 51.500 ng

RT: 24.589 min Scan# 3681

Delta R.T. 0.018 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

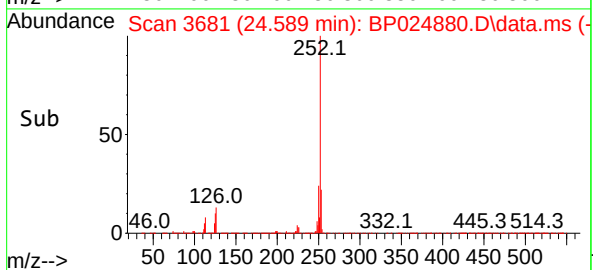
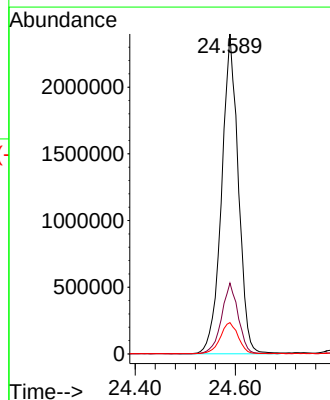
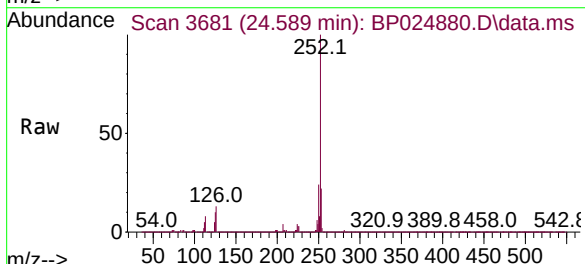
Tgt Ion:252 Resp: 5546665

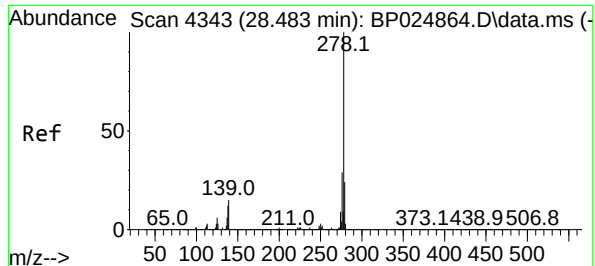
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

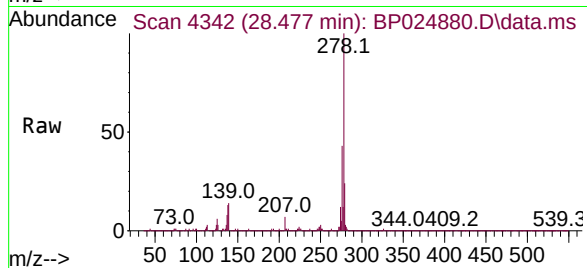
125 9.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 52.475 ng
RT: 28.477 min Scan# 4343
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

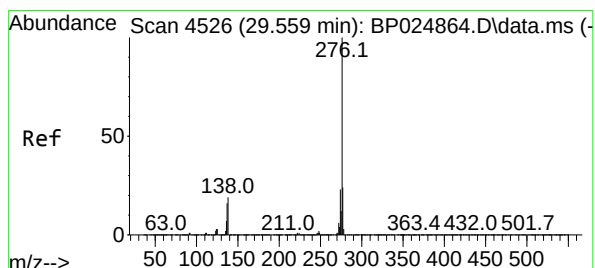
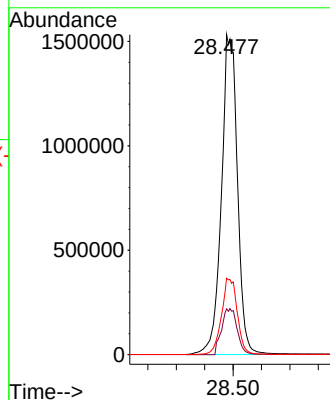
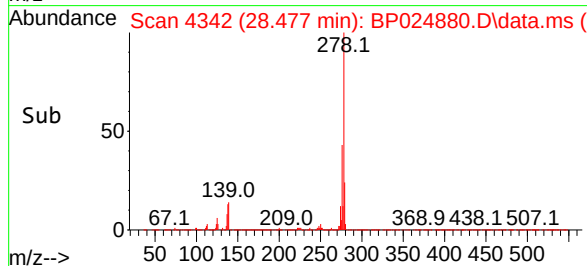
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:278 Resp: 6005498
Ion Ratio Lower Upper
278 100
139 14.3 12.0 18.0
279 23.9 19.1 28.7

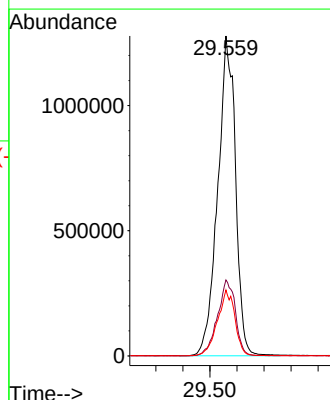
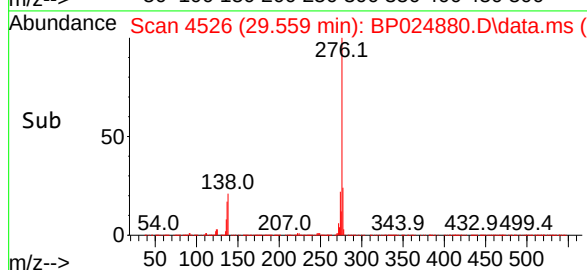
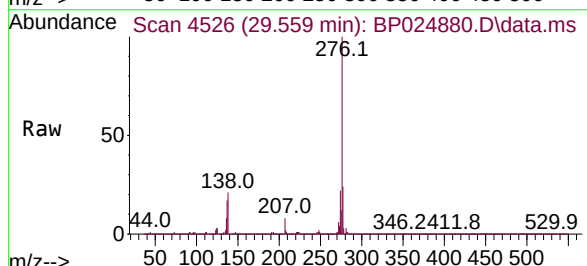
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 51.165 ng
RT: 29.559 min Scan# 4526
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:276 Resp: 5809887
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 20.6 15.4 23.2



Manual Integration Report

Sequence:	BP060625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024861.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC005	BP024861.D	4-Nitroaniline	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzaldehyde	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzo(b)fluoranthene	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzoic acid	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC020	BP024863.D	Benzaldehyde	Rahul	6/9/2025 10:51:20 AM	Jagrut	6/9/2025 12:08:52 PM	Peak Integrated by Software
SSTDICV040	BP024868.D	Benzaldehyde	Rahul	6/9/2025 10:51:26 AM	Jagrut	6/9/2025 12:08:55 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP060925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024871.D	Benzaldehyde	Rahul	6/10/2025 10:03:10 AM	Jagrut	6/10/2025 11:16:44 AM	Peak Integrated by Software
Q2230-02	BP024877.D	1-Methylnaphthalene	Rahul	6/10/2025 10:03:12 AM	Jagrut	6/10/2025 11:16:46 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Benzidine	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Hexachloroethane	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Benzidine	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Hexachloroethane	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM
SubDirectory	BP060625	HP Acquire Method	BNA_P
		HP Processing Method	BP060625
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12667,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024859.D	06 Jun 2025 09:49	RC/JU	Ok
2	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30	RC/JU	Ok
3	SSTDICC005	BP024861.D	06 Jun 2025 11:11	RC/JU	Ok,M
4	SSTDICC010	BP024862.D	06 Jun 2025 11:52	RC/JU	Ok,M
5	SSTDICC020	BP024863.D	06 Jun 2025 12:33	RC/JU	Ok,M
6	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	RC/JU	Ok
7	SSTDICC050	BP024865.D	06 Jun 2025 13:56	RC/JU	Ok
8	SSTDICC060	BP024866.D	06 Jun 2025 14:37	RC/JU	Ok
9	SSTDICC080	BP024867.D	06 Jun 2025 15:18	RC/JU	Ok
10	SSTDICV040	BP024868.D	06 Jun 2025 17:09	RC/JU	Ok,M
11	PB168259BL	BP024869.D	06 Jun 2025 17:50	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM
SubDirectory	BP060925	HP Acquire Method	BNA_P
		HP Processing Method	BP060625
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12667,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024870.D	09 Jun 2025 10:03	RC/JU	Ok
2	SSTDCCC040	BP024871.D	09 Jun 2025 10:44	RC/JU	Ok,M
3	PB168323BL	BP024872.D	09 Jun 2025 11:24	RC/JU	Ok
4	PB168323BS	BP024873.D	09 Jun 2025 12:05	RC/JU	Ok
5	Q2210-01	BP024874.D	09 Jun 2025 12:50	RC/JU	Ok
6	Q2209-01	BP024875.D	09 Jun 2025 13:31	RC/JU	Ok
7	Q2230-01	BP024876.D	09 Jun 2025 14:12	RC/JU	Ok
8	Q2230-02	BP024877.D	09 Jun 2025 14:52	RC/JU	Ok,M
9	Q2218-01	BP024878.D	09 Jun 2025 15:33	RC/JU	Ok,M
10	Q2230-03MS	BP024879.D	09 Jun 2025 16:14	RC/JU	Ok,M
11	Q2230-04MSD	BP024880.D	09 Jun 2025 16:55	RC/JU	Ok,M
12	Q2230-05	BP024881.D	09 Jun 2025 17:35	RC/JU	Ok
13	Q2231-02	BP024882.D	09 Jun 2025 18:16	RC/JU	Dilution
14	Q2237-02	BP024883.D	09 Jun 2025 18:57	RC/JU	Ok
15	Q2248-01	BP024884.D	09 Jun 2025 19:38	RC/JU	Ok,M
16	Q2240-01	BP024885.D	09 Jun 2025 20:18	RC/JU	Ok,M
17	Q2260-01	BP024886.D	09 Jun 2025 20:59	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM
SubDirectory	BP060625	HP Acquire Method	BNA_P
		HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024859.D	06 Jun 2025 09:49		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024861.D	06 Jun 2025 11:11		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024862.D	06 Jun 2025 11:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024863.D	06 Jun 2025 12:33	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	Compound#54 & 56 are Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024865.D	06 Jun 2025 13:56		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024866.D	06 Jun 2025 14:37		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024867.D	06 Jun 2025 15:18		RC/JU	Ok
10	SSTDICV040	ICVBP060625	BP024868.D	06 Jun 2025 17:09		RC/JU	Ok,M
11	PB168259BL	PB168259BL	BP024869.D	06 Jun 2025 17:50		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM
SubDirectory	BP060925	HP Acquire Method	BNA_P
		HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024870.D	09 Jun 2025 10:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024871.D	09 Jun 2025 10:44		RC/JU	Ok,M
3	PB168323BL	PB168323BL	BP024872.D	09 Jun 2025 11:24		RC/JU	Ok
4	PB168323BS	PB168323BS	BP024873.D	09 Jun 2025 12:05		RC/JU	Ok
5	Q2210-01	TW1	BP024874.D	09 Jun 2025 12:50		RC/JU	Ok
6	Q2209-01	P01W	BP024875.D	09 Jun 2025 13:31		RC/JU	Ok
7	Q2230-01	FB-060425	BP024876.D	09 Jun 2025 14:12		RC/JU	Ok
8	Q2230-02	GW-MW01-060425	BP024877.D	09 Jun 2025 14:52		RC/JU	Ok,M
9	Q2218-01	72-11934	BP024878.D	09 Jun 2025 15:33		RC/JU	Ok,M
10	Q2230-03MS	GW-MW01-060425MS	BP024879.D	09 Jun 2025 16:14		RC/JU	Ok,M
11	Q2230-04MSD	GW-MW01-060425MSI	BP024880.D	09 Jun 2025 16:55		RC/JU	Ok,M
12	Q2230-05	GW-MW901-060425	BP024881.D	09 Jun 2025 17:35		RC/JU	Ok
13	Q2231-02	MW-14-20250604	BP024882.D	09 Jun 2025 18:16	Analyze first with 10X Dilution and then decide further Dilution	RC/JU	Dilution
14	Q2237-02	TW-WTS-10	BP024883.D	09 Jun 2025 18:57		RC/JU	Ok
15	Q2248-01	TR-05-060525	BP024884.D	09 Jun 2025 19:38		RC/JU	Ok,M
16	Q2240-01	TP-3	BP024885.D	09 Jun 2025 20:18		RC/JU	Ok,M
17	Q2260-01	TP10-MHG-WC	BP024886.D	09 Jun 2025 20:59		RC/JU	Ok,M

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RJ

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3880 **Hood ID:** 4,5,6,7

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction Start Date : 06/06/2025

Extraction Start Time : 08:35

Extraction End Date : 06/06/2025

Extraction End Time : 13:50

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

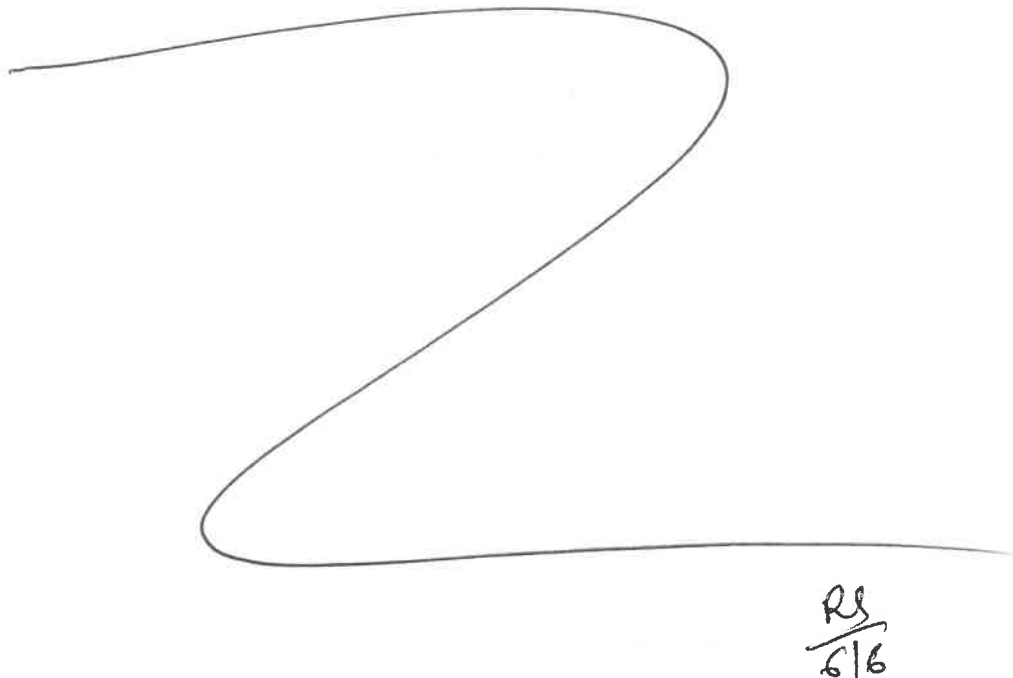
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext lab)	RC / SVOC
13:55	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168323BL	SBLK323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			SEP-1
PB168323BS	SLCS323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			2
Q2202-03	MW-12-20250603	SVOCMS Group1	980	6	ritesh	Evelyn	1	C		3
Q2209-01	P01W	SVOCMS Group2	990	6	ritesh	Evelyn	1	D		4
Q2210-01	TW1	SVOCMS Group1	1000	6	ritesh	Evelyn	1	D		5
Q2230-01	FB-060425	SVOCMS Group3	880	6	ritesh	Evelyn	1	C		6
Q2230-02	GW-MW01-060425	SVOCMS Group3	910	6	ritesh	Evelyn	1	C		7
Q2230-03	Q2230-02MS	SVOCMS Group3	960	6	ritesh	Evelyn	1	C		8
Q2230-04	Q2230-02MSD	SVOCMS Group3	940	6	ritesh	Evelyn	1	C		9
Q2230-05	GW-MW901-060425	SVOCMS Group3	980	6	ritesh	Evelyn	1	C		10
Q2231-02	MW-14-20250604	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		11
Q2237-02	TW-WTS-10	SVOCMS Group4	980	12	ritesh	Evelyn	1	F		12



* Extracts relinquished on the same date as received.

168323
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2202

WorkList ID : 189994

Department : Extraction

Date : 06-06-2025 08:27:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2202-03	MW-12-20250603	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N31	06/03/2025	8270E
Q2209-01	P01W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	N31	06/04/2025	8270E
Q2210-01	TW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L31	06/03/2025	8270E
Q2230-01	FB-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-02	GW-MW01-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-03	Q2230-02MS	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-04	Q2230-02MSD	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-05	GW-MW901-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2231-02	MW-14-20250604	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N41	06/04/2025	8270E
Q2237-02	TW-WTS-10	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	N31	06/04/2025	8270E

Date/Time

6/6/25 8:30

Raw Sample Received by:

RJ (Ext Lab)

Raw Sample Relinquished by:

CP 8m

Date/Time

6/6/25 9:15

Raw Sample Received by:

CP 8m

Raw Sample Relinquished by:

RJ (Ext Lab)

Prep Standard - Chemical Standard Summary

Order ID : Q2230
Test : SVOCMS Group3
Prepbatch ID : PB168323,
Sequence ID/Qc Batch ID: BP060925,

Standard ID :
EP2609,EP2610,EP2620,SP6754,SP6757,SP6783,SP6784,SP6785,SP6786,SP6787,SP6788,SP6789,SP6790,SP6791,SP6794,SP6795,SP6796,

Chemical ID :
10ul/1000ul
sample,E3551,E3657,E3902,E3904,E3930,E3937,E3939,M6157,S10104,S10584,S 11073,S11162,S11487,S11496,S11650,S11800,S11806,S12115,S12190,S12191,S12192,S12193,S12194,S12195,S12209,S12210,S 12211,S12212,S12213,S12214,S12215,S12216,S12271,S12277,S12487,S12497,S12498,S12543,S12544,S12577,S12662,S12667,S12793,S12984,S12985,S12986,S13078,S13148,S13158,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	RUPESEKUMAR 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	RUPESEKUMAR 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	EP2620	05/30/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/30/2025

FROM 4000.00000gram of E3551 = 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>
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6754	03/18/2025	09/18/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 1930.00000ml of E3902 + 2.60000ml of S12216 + 2.70000ml of S12195 + 5.20000ml of S12210 + 5.30000ml of S12192 + 5.30000ml of S12194 + 5.30000ml of S12209 + 5.30000ml of S12211 + 5.30000ml of S12212 + 5.30000ml of S12213 + 5.40000ml of S12190 + 5.40000ml of S12214 + 5.60000ml of S12191 + 5.60000ml of S12215 + 5.70000ml of S12193 = Final Quantity: 2000.000 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>
3895	50 ug/ml DFTTP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay
								04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 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>
3764	8270/625 Stock solution 100 ng	SP6783	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.26700ml of S10104 + 0.40000ml of S11496 + 0.50000ml of S12115 + 1.00000ml of S11162 + 1.00000ml of S12271 + 1.00000ml of S12277 + 1.00000ml of S12793 + 1.00000ml of S13078 + 3.83300ml of E3930 = 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>
413	80 ng BNA ICC, 80 PPM	SP6784	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.20000ml of E3930 + 0.80000ml of SP6783 = 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>
412	60 ng BNA ICC, 60 PPM	SP6785	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.40000ml of E3930 + 0.60000ml of SP6783 = 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>
411	50 ng BNA ICC, 50 PPM	SP6786	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.50000ml of E3930 + 0.50000ml of SP6783 = 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>
410	40 ng BNA ICC, 40 PPM	SP6787	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.60000ml of E3930 + 0.40000ml of SP6783 = 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>
3678	20 ng BNA ICC, 20 PPM	SP6788	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.80000ml of E3930 + 0.20000ml of SP6783 = 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>
407	5 ng BNA ICC, 5 PPM	SP6789	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.95000ml of E3930 + 0.05000ml of SP6783 = 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>
408	10 ng BNA ICC, 10 PPM	SP6790	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.90000ml of E3930 + 0.10000ml of SP6783 = 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>
175	2.5 ng BNA ICC, 2.5 PPM	SP6791	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								05/16/2025

FROM 0.01000ml of S12662 + 0.50000ml of E3930 + 0.50000ml of SP6789 = 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	SP6794	06/04/2025	06/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay
								06/05/2025

FROM 0.10000ml of S10584 + 0.10000ml of S11487 + 0.10000ml of S11650 + 0.10000ml of S13148 + 0.10000ml of S13158 + 0.45000ml of S11806 + 0.80000ml of S11800 + 1.20000ml of S12487 + 1.20000ml of S12544 + 1.20000ml of S12985 + 1.30000ml of S12497 + 1.30000ml of S12543 + 1.30000ml of S12984 + 40.75000ml of E3937 = Final Quantity: 50.000 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>
18	Second Source Calibration Stock Standard, 100 PPM,	SP6795	06/05/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli
	(8270/625/CLP)							06/10/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11073 + 0.20000ml of S12498 + 0.20000ml of S12544 + 0.20000ml of S12986 + 1.18000ml of E3939 = Final Quantity: 2.000 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>
416	40 ng BNA ICV, 40 PPM	SP6796	06/05/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli
FROM 0.01000ml of S12667 + 0.60000ml of E3939 + 0.40000ml of SP6795 = Final Quantity: 1.010 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.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	12/04/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

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 #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	09/18/2025	03/18/2025 / RUPESH	02/12/2025 / RUPESH	E3902

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)	24K1762005	01/07/2026	03/13/2025 / RUPESH	12/27/2024 / RUPESH	E3904

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)	25A0262002	02/20/2026	05/02/2025 / RUPESH	03/09/2025 / RUPESH	E3930

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	11/22/2025	05/22/2025 / RUPESH	05/14/2025 / RUPESH	E3937

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)	25A2862010	11/22/2025	05/22/2025 / RUPESH	02/28/2025 / RUPESH	E3939

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 #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	07/30/2025	01/30/2025 / anahy	12/09/2021 / Christian	S10104

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]	A0186373	06/30/2025	01/29/2025 / anahy	07/05/2022 / Christian	S10584

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 #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	06/21/2025	05/05/2025 / Jagrut	03/06/2023 / Christian	S11162

CHEMICAL RECEIPT LOG BOOK

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	08/31/2026	01/29/2025 / anahy	08/10/2023 / yogesh	S11487

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

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	07/29/2025	01/29/2025 / anahy	11/09/2023 / Yogesh	S11650

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	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11800

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	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

CHEMICAL RECEIPT LOG BOOK

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12190

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12191

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12192

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12193

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12194

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12209

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12210

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12211

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12212

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12213

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12214

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12215

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	10/28/2025	04/28/2025 / Jagrut	05/24/2024 / Rahul	S12271

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

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	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12487

[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	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12497

[CS 4978-1]

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]	A0214021	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12498

[CS 4978-1]

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	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12543

[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	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12544

[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	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0212266	11/01/2025	05/01/2025 / Rahul	09/20/2024 / anahy	S12662

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	A0212266	11/28/2025	05/28/2025 / Rahul	09/20/2024 / anahy	S12667

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	06/21/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12793

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]	A0219438	09/30/2025	06/04/2025 / Jagrut	12/11/2024 / anahy	S12984

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]	A0219438	09/30/2025	06/04/2025 / Jagrut	12/11/2024 / anahy	S12985

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]	A0219438	09/30/2025	06/04/2025 / Jagrut	12/11/2024 / anahy	S12986

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL, (Maximum Expiration: 180 days)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

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	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

CHEMICAL RECEIPT LOG BOOK

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	12/04/2025	06/04/2025 / Jagrut	06/04/2025 / Rahul	S13158

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



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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____

Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



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Certificate of Analysis

Rev 0

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL
-04					

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d ₄	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d ₆	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on

02/25/21

by
CG

S9236
to

S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

Certified By: Erica Castiglione
Erica Castiglione
Chemist



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate



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 by
CG
on
07/05/22
S 10583
to
S 10592

Catalog No. : 555868 **Lot No.:** A0186373

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, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL Unstressed
	Purity 99%		+/- 512.6054 µg/mL Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckal - Mix Technician

Date Mixed: 16-Jun-2022 Balance: 1122030677

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 combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules 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 ampules. 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.



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

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:

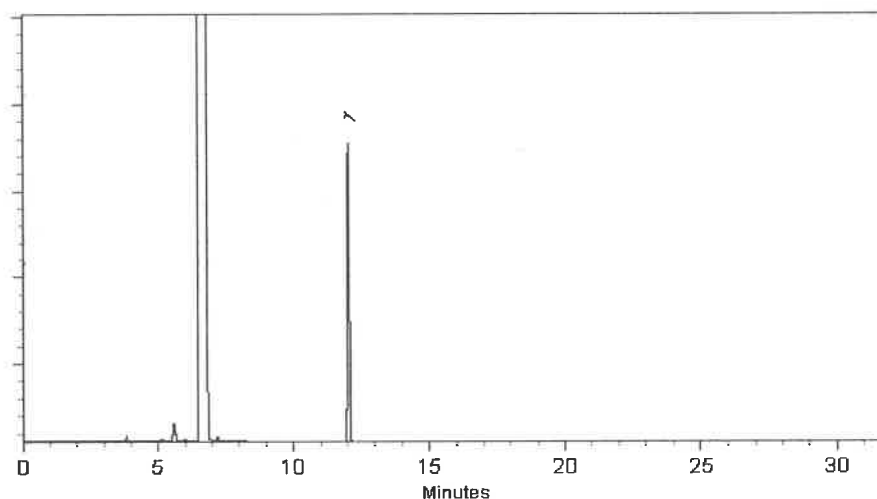
200°C

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



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
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:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
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%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
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%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
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.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3



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.

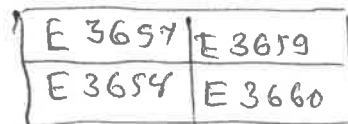
This document has been electronically produced and is valid without a signature.

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.



Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

 avantor

Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 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 %	<0.1 %
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

E3902

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date: 2026-02-20
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	4
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titration Acid (μeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 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

E3930



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

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

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3937

J. Croak

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25A2862010
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 Heptachlor Epoxide) 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 (μ 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

E3939

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

Sulfuric Acid

BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis

Low Selenium

 **avantors**™



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
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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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/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.



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d ₄	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 } Y.P.
↓
511498 } 08/11/2023

*Not a certified value

Certified By: Shane C. Tipton
Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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.
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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.



110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

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. : 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:

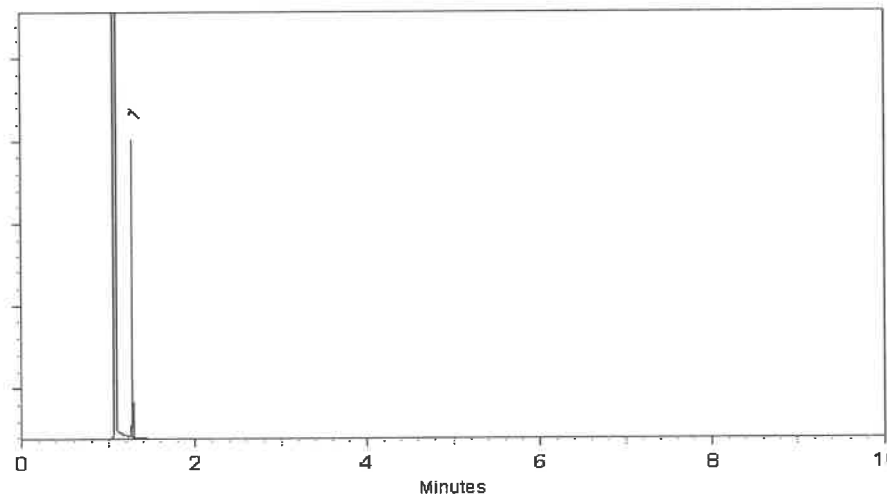
FID

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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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:

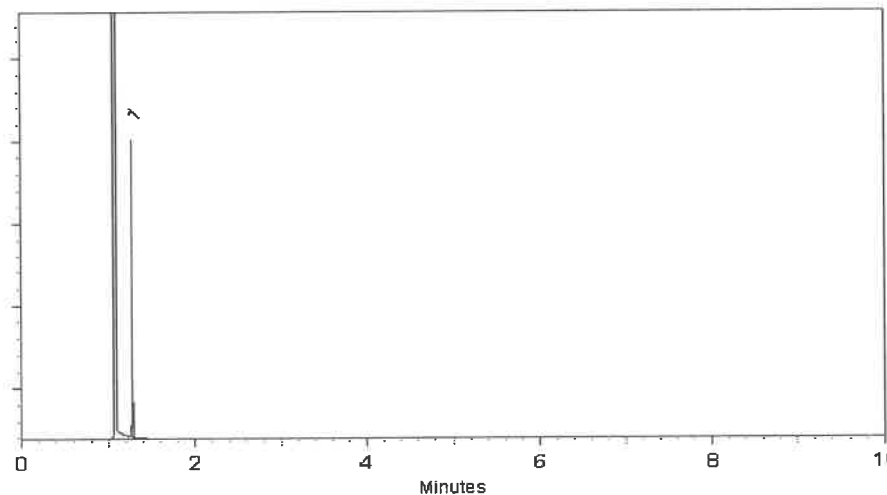
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



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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.
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5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

512112 } RC/
↓
912116 } 03/08/24

*Not a certified value

Certified By: _____

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



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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. : 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:

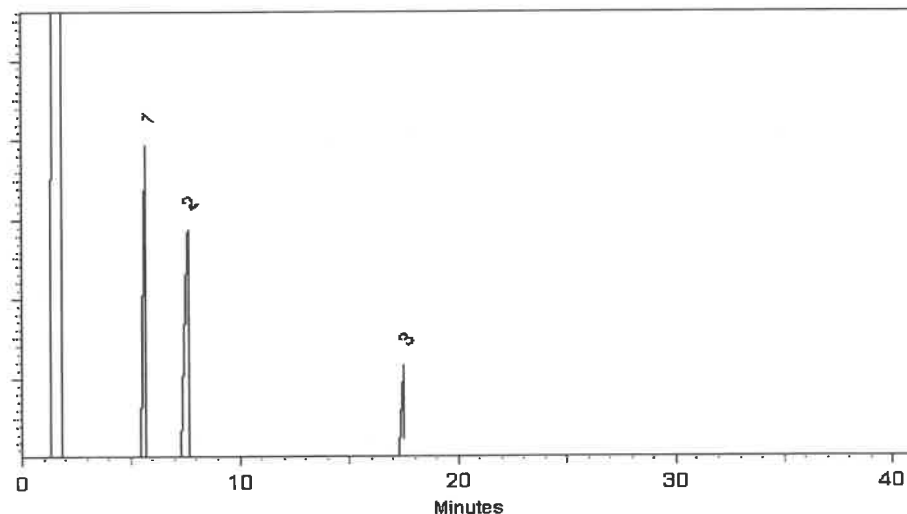
FID

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 A. 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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512187 } RC/
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512206 } 03/18/24

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Det. Type:

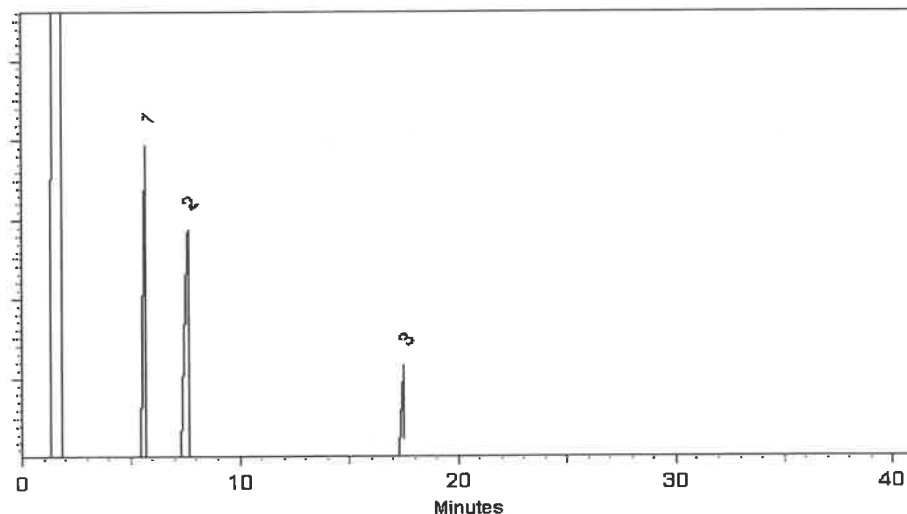
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Inj. Vol

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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

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512187 } RC/
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512206 } 03/18/24

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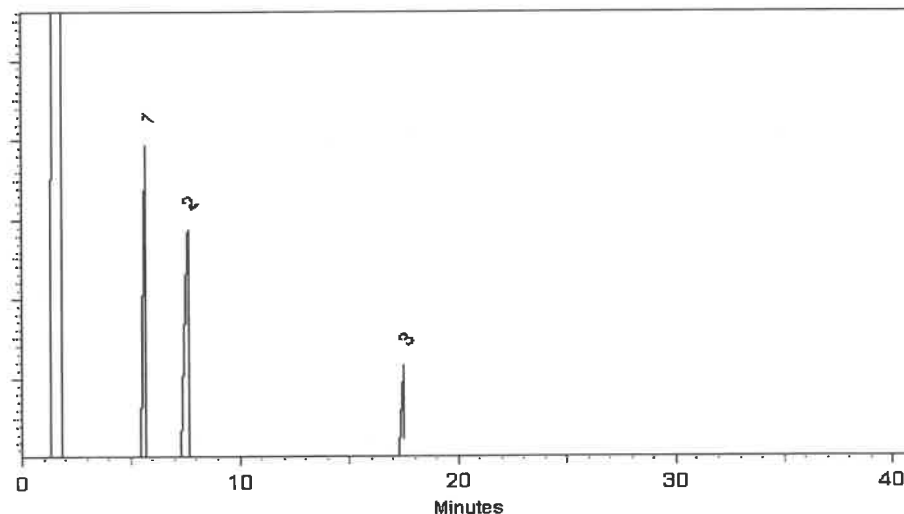
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Solvent: Methanol
CAS # 67-56-1
Purity 99%

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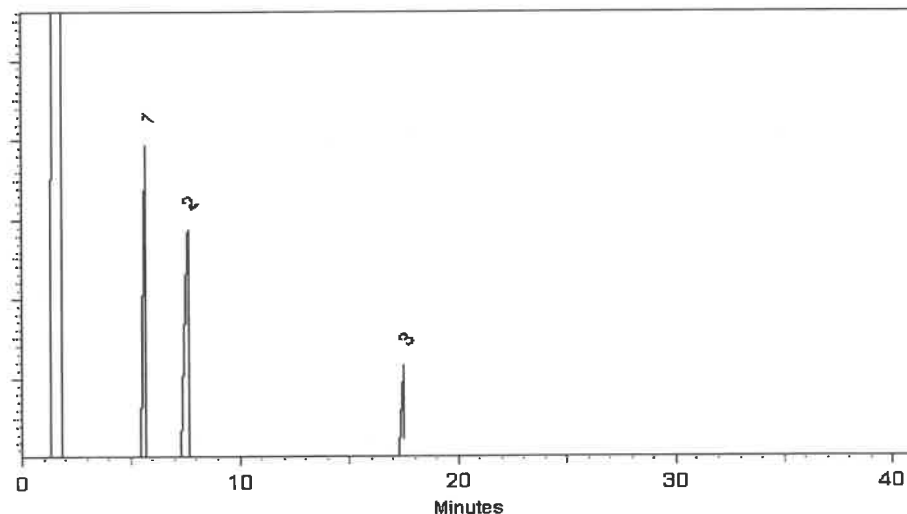
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Penelope A. Riglin

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

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CERTIFIED VALUES

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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

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330°C

Det. Type:

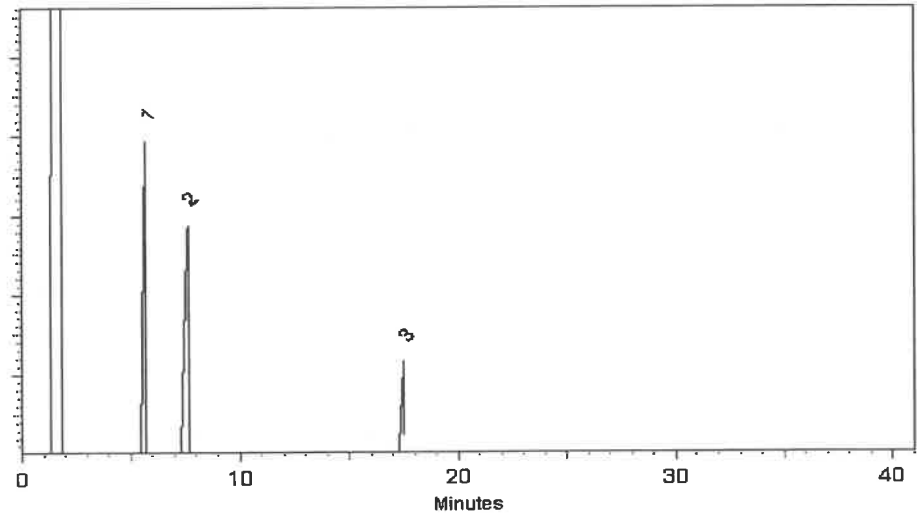
FID

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Inj. Vol

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Penelope A. Riglin

Penelope Riglin - Operations Tech I

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Mixed: 04-Jan-2024

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Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
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Carrier Gas:

hydrogen-constant pressure 10 psi.

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330°C

Det. Type:

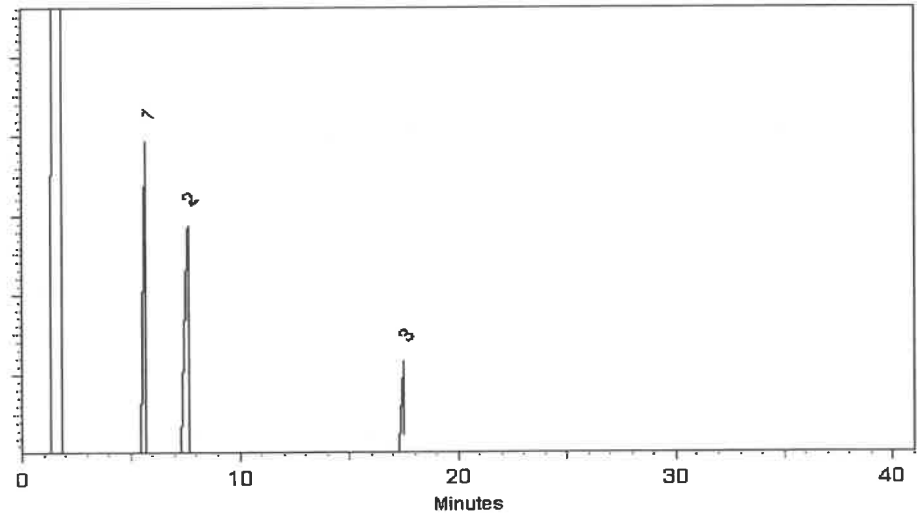
FID

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 A. Riglin

Penelope Riglin - Operations Tech I

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Date Passed: 08-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. : 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:

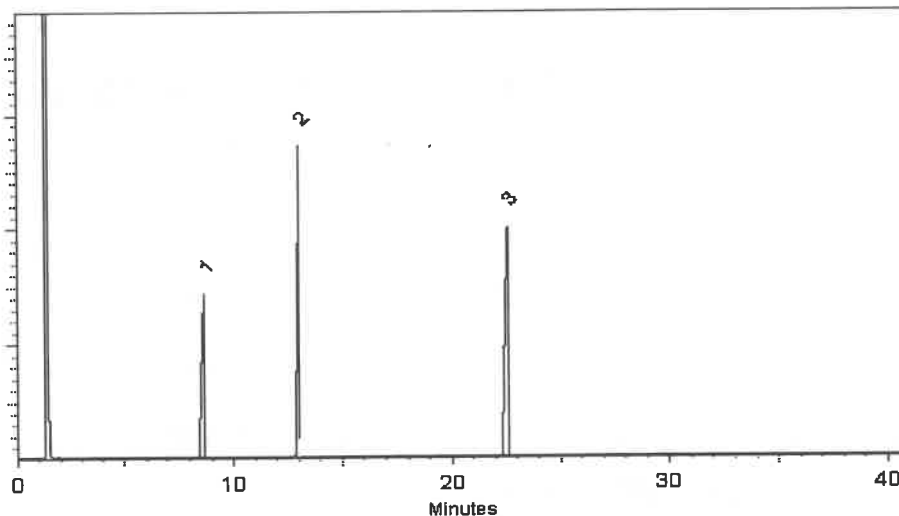
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



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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
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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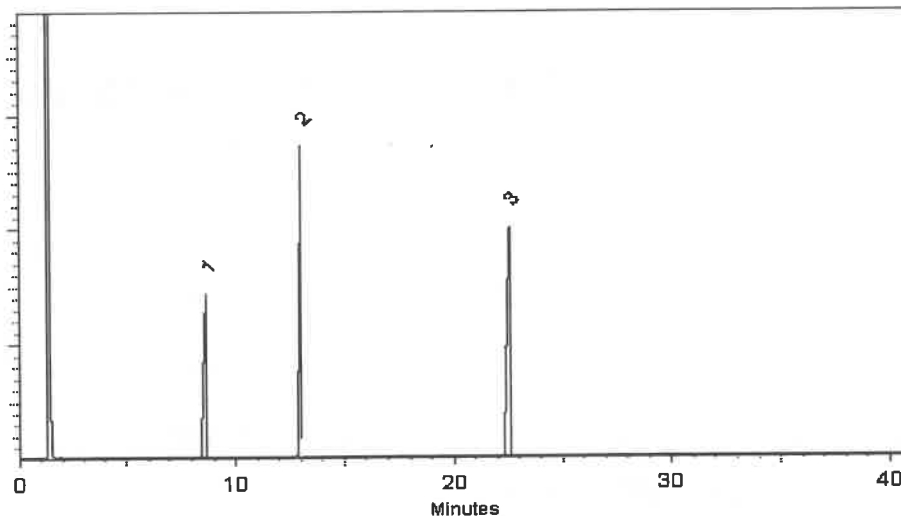
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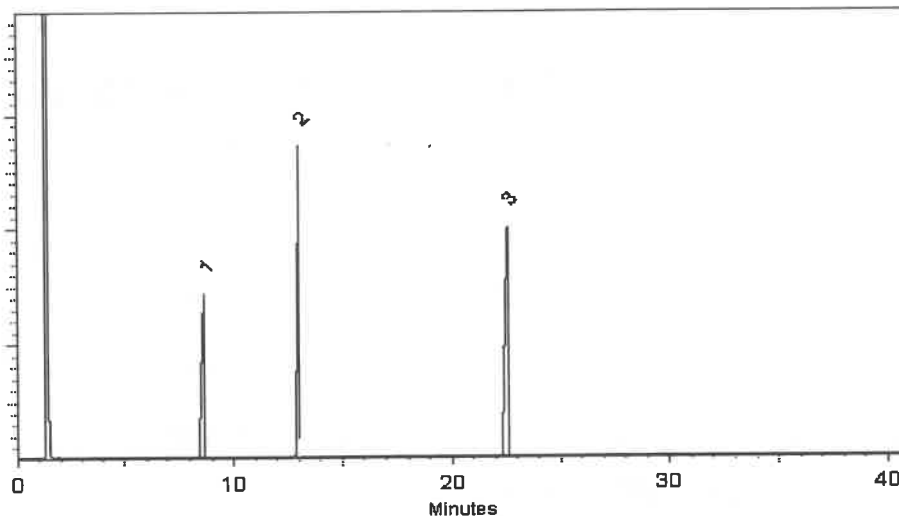
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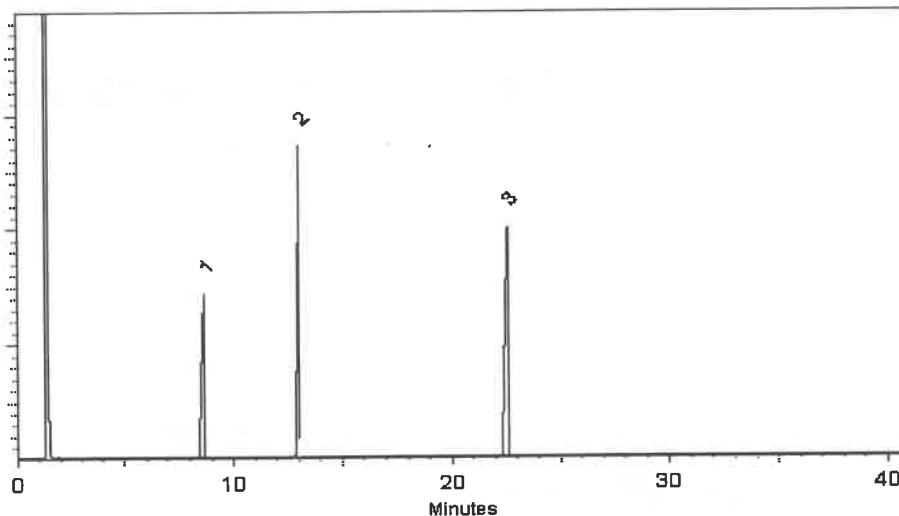
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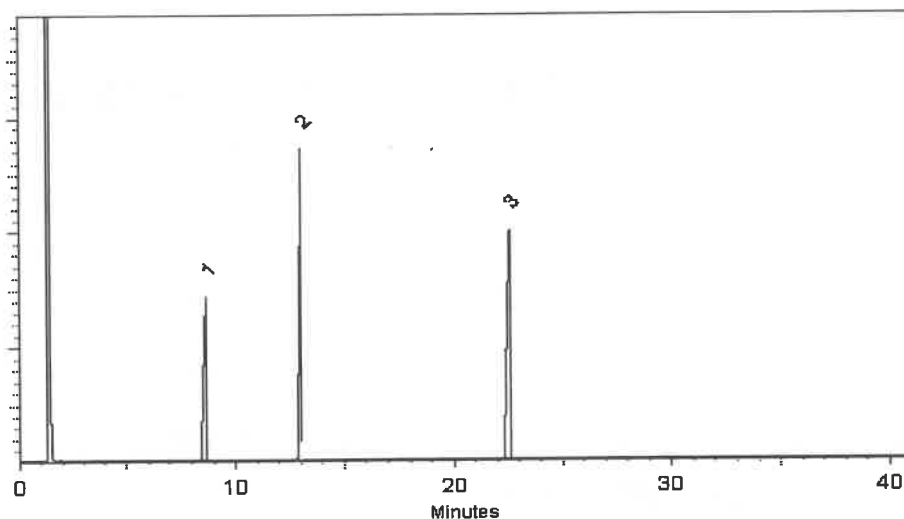
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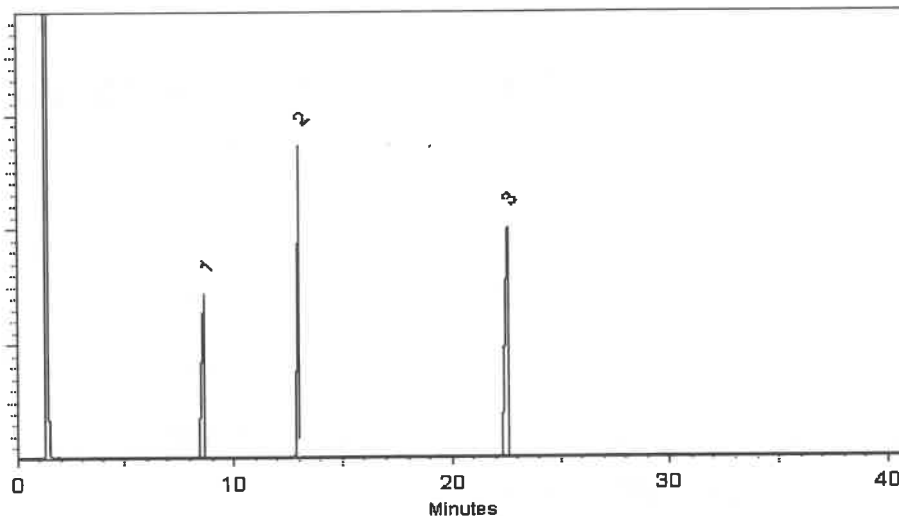
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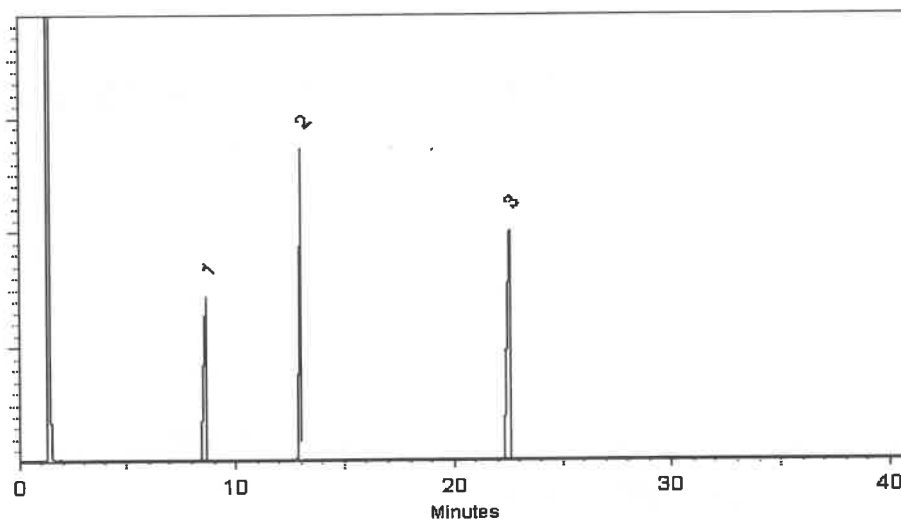
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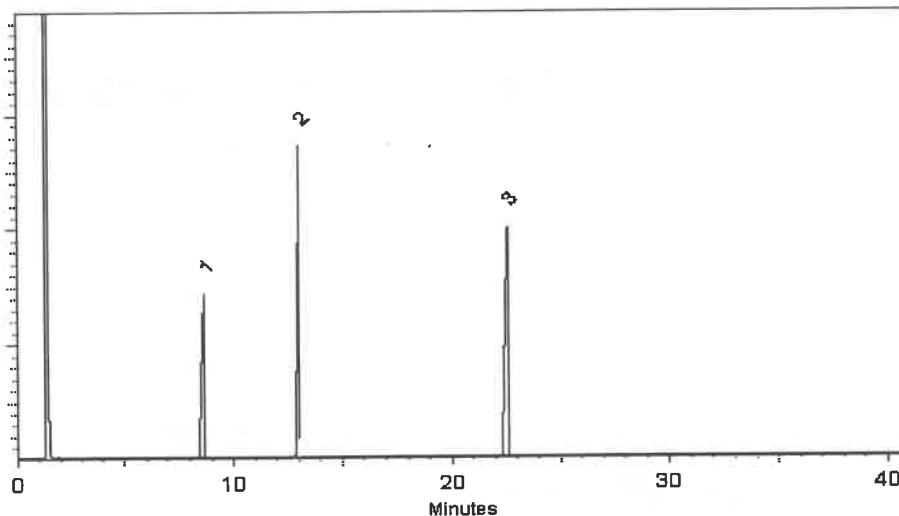
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5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 4

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

*Not a certified value

512270 } RC/
↓
512274 } 05/24/24

Kerry Kane

Certified By: _____

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.

Certificate of Analysis

Page 2 of 4

Catalog No.: Z-110381-01

Lot No.: 520963

Expiration Date: 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Kerry Kane

Certified By:

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

Certificate of Analysis

Page 3 of 4

Catalog No.: Z-110381-01

Lot No.: 520963

Expiration Date: 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Kerry Kane

Certified By:

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.

Certificate of Analysis

Page 4 of 4

Catalog No.: Z-110381-01

Lot No.: 520963

Expiration Date: 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Kerry E Kane

Certified By:

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL
Compound		CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde		100-52-7	98.3	442.421.1P	996.8 ± 11.49

512275 } RC/
↓
512279 } 05/24/24

*Not a certified value

Certified By: _____

S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



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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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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/ 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

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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. : 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
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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.
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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.:** A0214017

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 : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

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%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

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.
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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.:** A0214017

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 : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

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%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24


Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

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



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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. : 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
↓
S12579 } RC
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.)

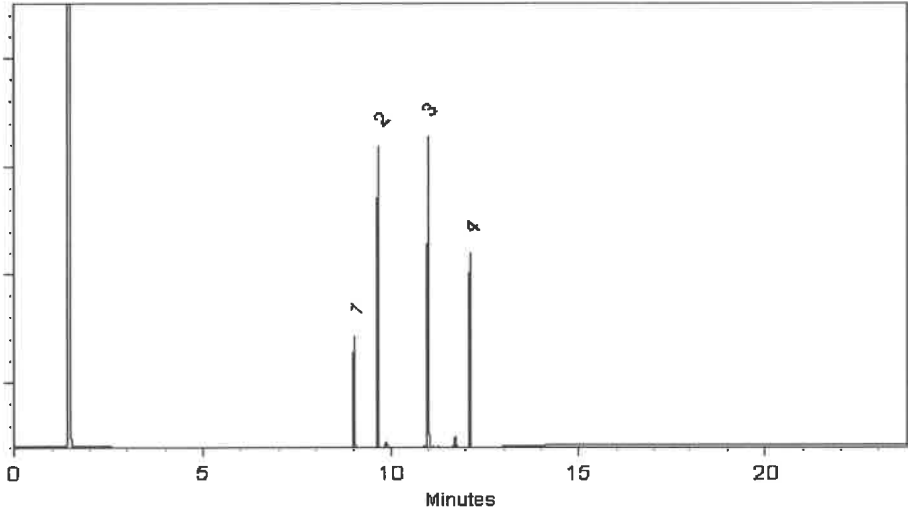
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

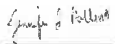
Inj. Vol
1µl



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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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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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. : 31206 **Lot No.:** A0212266

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 : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645
↓
S12674 } AC
10/1/24



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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.:** A0212266

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 : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645
↓
S12674 } AC
10/1/24



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

~~512280~~ } RCL
↓
~~512284~~ } 05/24/24

New Numbers Generated.

512790 } RCL
↓
512794 } 11/12/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____

Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



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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. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963
↓
S12992 } AC
12/17/20

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%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCKK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
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	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCKK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCKK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* 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.



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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.:** A0219438

Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963
↓
S12992 } AC
12/17/20

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%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCKK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
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	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCKK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCKK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* 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.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963
↓
S12992 } AC
12/17/20

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%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCKK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
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	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCKK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCKK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* 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.



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	525551	-18°C +/- 4°C	Methylene Chloride	9/3/2029	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	97.9	74.421.2P	994.7 ± 30.56

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)

y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

513078 } AC
↓
513087 } 3/10/25

Manufactured by

Raevyn Steele

Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

*Not a certified value



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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. : 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
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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. : 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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CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Cadence Inc.
ADDRESS: 110 Fieldcrest Ave. #8 6th Flr
CITY: Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590-4679 FAX:

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt. Vernon NJ
PROJECT MANAGER: M. Encinas
e-mail: Encinas_m@cadence.com
PHONE: 732 590 4679 FAX:

BILL TO: Cadence Inc. PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY: Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☒ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1. NYS ASP B CP & VOC
2. NYS ASP B CP & VOC
3. NYS ASP B CP & VOC
4. NYS ASP B CP & VOC
5. NYS ASP B CP & VOC
6. NYS ASP B CP & VOC
7. NYS ASP B CP & VOC
8. NYS ASP B CP & VOC
9. NYS ASP B CP & VOC

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		A E	E									← Specify Preservatives A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
1.	FA 060425	Ag		✓	6/4/25	1130	3	✓	✓									CP-51 Tg & VOC	
2.	GW MW 01 060425	Ag		✓	↓	1305	9	✓	✓									MS ASD	
3.	GW MW 901 060425	Ag		✓	↓	1305	3	✓	✓										
4.	TB 060425	Ag		✓	6/4/25		2	✓										CASI Tg & 3 VOC	
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: <u>1405</u>	RECEIVED BY:	DATE/TIME: <u>1405</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0</u> °C
1. <u>[Signature]</u>	<u>6/4/25</u>	1. <u>[Signature]</u>	<u>6-4-25</u>	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:		
2. <u>[Signature]</u>		2. <u>[Signature]</u>		
RELINQUISHED BY SAMPLER:	DATE/TIME: <u>1830</u>	RECEIVED BY:		
3. <u>[Signature]</u>	<u>6-4-25</u>	3. <u>[Signature]</u>		

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2230	CAMP02	Order Date : 6/4/2025 4:40:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : Con Ed UTEN Mount Vern	Report Type : NYS ASP B
Client Contact : Marcie Ann Encinas		Receive DateTime : 6/4/2025 ~~12:00:00~~ AM	EDD Type : EQUIS
Invoice Name : CDM Smith		Purchase Order : 18:30	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2230-01	FB-060425	Water	06/04/2025	11:30					
					VOCMS Group3		8260-Low	5 Bus. Days	
Q2230-02	GW-MW01-060425	Water	06/04/2025	13:05					
					VOCMS Group3		8260-Low	5 Bus. Days	
Q2230-03	Q2230-02MS	Water	06/04/2025	13:05					
					VOCMS Group3		8260-Low	5 Bus. Days	
Q2230-04	Q2230-02MSD	Water	06/04/2025	13:05					
					VOCMS Group3		8260-Low	5 Bus. Days	
Q2230-05	GW-MW901-060425	Water	06/04/2025	13:05					
					VOCMS Group3		8260-Low	5 Bus. Days	
Q2230-06	TB060425	Water	06/04/2025	00:00					
					VOCMS Group3		8260-Low	5 Bus. Days	



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2230	CAMP02	Order Date : 6/4/2025 4:40:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : Con Ed UTEN Mount Vern	Report Type : NYS ASP ^B
Client Contact : Marcie Ann Encinas		Receive DateTime : 6/4/2025 ~~12:00:00~~ AM 18:30	EDD Type : EQUIS
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinquished By :

Date / Time : 6/5/25 1020

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room