

**DATA PACKAGE
SEMI-VOLATILE ORGANICS**

PROJECT NAME : AE1-CTY 3.2.Z-PR-DOCK-DES-ODC - 60693795-1719206

**AECOM
605 3rd Avenue
29th Floor
New York, NY - 10158
Phone No: 212-973-2900**

**ORDER ID : Q3375
ATTENTION : Rob Forstner**



Laboratory Certification ID # 20012



1) SEMI-VOLATILE DATA	2
2) Signature Page	4
3) Case Narrative	5
4) Qualifier Page	7
5) Conformance/Non Conformance	8
6) QA Checklist	10
7) Chronicle	11
8) Hit Summary	12
9) QC Data Summary For SVOC-TCL BNA -20	14
9.1) Deuterated Monitoring Compound Summary	15
9.2) MS/MSD Summary	17
9.3) LCS/LCSD Summary	21
9.4) Method Blank Summary	23
9.5) GS/MS Tune Summary	24
9.6) Internal Standard Area and RT Summary	29
10) Sample Data	35
10.1) PR132-S02-074099-20251016	36
10.2) PR132-S04-000013-20251016	52
10.3) PR132-S05-000057-20251016	69
10.4) PR132-S02-010074-20251016	85
10.5) PR132-DP02-20251016	107
11) Calibration Data Summary	127
11.1) Initial Calibration Data	3
11.1.1) BF100625	128
11.1.2) BG100225	532
11.2) Continued Calibration Data	935
11.2.1) BF143997.D	935
11.2.2) BF144009.D	992
11.2.3) BG064547.D	1049
12) QC Sample Data	1106
12.1) Tune Raw Data	1107
12.2) Method Blank Data	1127
12.3) LCS Data	1142
12.4) MS Data	1194
12.5) MSD Data	1246

Table Of Contents for Q3375

13) Manual Integration	1298
14) Analytical Runlogs	1304
15) Percent Solid	1316
16) Extraction Logs	1321
16.1) PB170165.pdf	1321
16.2) PB170165IC.pdf	1323
17) Standard Prep Logs	1324
18) Shipping Document	1395
18.1) Chain Of Custody	1396
18.2) Lab Certificate	1397
18.3) Internal COC	1398

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

Cover Page

Order ID : Q3375

Project ID : AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Client : AECOM

Lab Sample Number

Q3375-01
Q3375-02
Q3375-03
Q3375-04
Q3375-05

Client Sample Number

PR132-S02-074099-20251016
PR132-S04-000013-20251016
PR132-S05-000057-20251016
PR132-S02-010074-20251016
PR132-DP02-20251016

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 3:36 pm, Oct 29, 2025

Date: 10/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

AECOM

Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Project # N/A

Order ID # Q3375

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

5 Solid samples were received on 10/16/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression.

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 soil samples results are based on a dry weight basis.



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

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 3:37 pm, Oct 29, 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: Q3375

MATRIX: Solid

METHOD: 8270E/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓
	The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression. 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 compounds.			

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

		NA	NO	YES
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:

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

The soil samples results are based on a dry weight basis.

QA REVIEW

REVIEWED

By *Sohil Jodhani, QA/QC Director* at 2:08 pm, Oct 29, 2025

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3375

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/27/2025

LAB CHRONICLE

OrderID:	Q3375	OrderDate:	10/17/2025 10:32:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3375-01	PR132-S02-074099-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-02	PR132-S04-000013-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-03	PR132-S05-000057-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-04	PR132-S02-010074-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-05	PR132-DP02-074099- 20251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	

Hit Summary Sheet SW-846

SDG No.: Q3375
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-S02-074099-20251016								
Q3375-01	PR132-S02-074099-2025	SOIL	Benzophenone	*	280.000	J 0	0	ug/Kg
Q3375-01	PR132-S02-074099-2025	SOIL	Tridecanoic acid	*	240.000	J 0	0	ug/Kg
Total Tics :				520.00				
Total Concentration:				520.00				
Client ID : PR132-S04-000013-20251016								
Q3375-02	PR132-S04-000013-2025	SOIL	Benzophenone	*	390.000	J 0	0	ug/Kg
Q3375-02	PR132-S04-000013-2025	SOIL	n-Hexadecanoic acid	*	250.000	J 0	0	ug/Kg
Q3375-02	PR132-S04-000013-2025	SOIL	Pentafluoropropionic acid, heptad	*	220.000	J 0	0	ug/Kg
Total Tics :				860.00				
Total Concentration:				860.00				
Client ID : PR132-S05-000057-20251016								
Q3375-03	PR132-S05-000057-2025	SOIL	Benzophenone	*	220.000	J 0	0	ug/Kg
Total Tics :				220.00				
Total Concentration:				220.00				
Client ID : PR132-S02-010074-20251016								
Q3375-04	PR132-S02-010074-2025	SOIL	Benzo(a)pyrene		130.000	J 53.3	310	ug/Kg
Total Svoc :				130.00				
Q3375-04	PR132-S02-010074-2025	SOIL	1-Heneicosanol	*	270.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Benzophenone	*	460.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Dodecane, 2,7,10-trimethyl-	*	170.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Tridecane	*	180.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Tridecanoic acid	*	330.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Undecane, 2,6-dimethyl-	*	140.000	J 0	0	ug/Kg
Total Tics :				1,550.00				
Total Concentration:				1,680.00				
Client ID : PR132-DP02-074099-20251016								
Q3375-05	PR132-DP02-074099-202	SOIL	Phenanthrene		99.800	J 31.3	250	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Fluoranthene		160.000	J 44.9	250	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Bis(2-ethylhexyl)phthalate		130.000	J 88.6	250	ug/Kg
Total Svoc :				389.80				
Q3375-05	PR132-DP02-074099-202	SOIL	Benzophenone	*	300.000	J 0	0	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Cyclopentadecane	*	150.000	J 0	0	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	n-Hexadecanoic acid	*	280.000	J 0	0	ug/Kg
Total Tics :				730.00				
Total Concentration:				1,119.80				

Hit Summary Sheet
SW-846

SDG No.: Q3375
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3375

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170165BL	PB170165BL	2-Fluorophenol	150	143	95		18	112
		Phenol-d6	150	133	89		15	107
		Nitrobenzene-d5	100	96.4	96		18	107
		2-Fluorobiphenyl	100	96.2	96		20	109
		2,4,6-Tribromophenol	150	158	105		10	116
		Terphenyl-d14	100	103	103		10	105
PB170165BS	PB170165BS	2-Fluorophenol	150	109	73		18	112
		Phenol-d6	150	125	84		15	107
		Nitrobenzene-d5	100	83.5	84		18	107
		2-Fluorobiphenyl	100	82.8	83		20	109
		2,4,6-Tribromophenol	150	135	90		10	116
		Terphenyl-d14	100	86.2	86		10	105
Q3375-01	PR132-S02-074099-20251016	2-Fluorophenol	150	67.8	45		18	112
		Phenol-d6	150	65.1	43		15	107
		Nitrobenzene-d5	100	43.7	44		18	107
		2-Fluorobiphenyl	100	38.6	39		20	109
		2,4,6-Tribromophenol	150	57.6	38		10	116
		Terphenyl-d14	100	28.1	28		10	105
Q3375-02	PR132-S04-000013-20251016	2-Fluorophenol	150	87.8	59		18	112
		Phenol-d6	150	85.8	57		15	107
		Nitrobenzene-d5	100	61.3	61		18	107
		2-Fluorobiphenyl	100	61.2	61		20	109
		2,4,6-Tribromophenol	150	79.9	53		10	116
		Terphenyl-d14	100	44.1	44		10	105
Q3375-03	PR132-S05-000057-20251016	2-Fluorophenol	150	59.8	40		18	112
		Phenol-d6	150	57.6	38		15	107
		Nitrobenzene-d5	100	40.5	40		18	107
		2-Fluorobiphenyl	100	36.8	37		20	109
		2,4,6-Tribromophenol	150	47.6	32		10	116
		Terphenyl-d14	100	23.4	23		10	105
Q3375-04	PR132-S02-010074-20251016	2-Fluorophenol	150	84.6	56		18	112
		Phenol-d6	150	82.3	55		15	107
		Nitrobenzene-d5	100	57.6	58		18	107
		2-Fluorobiphenyl	100	50.7	51		20	109
		2,4,6-Tribromophenol	150	72.6	48		10	116
		Terphenyl-d14	100	35.4	35		10	105
Q3375-05	PR132-DP02-074099-20251016	2-Fluorophenol	150	82.9	55		18	112
		Phenol-d6	150	78.6	52		15	107
		Nitrobenzene-d5	100	57.5	57		18	107
		2-Fluorobiphenyl	100	50.3	50		20	109
		2,4,6-Tribromophenol	150	70.8	47		10	116
		Terphenyl-d14	100	35.0	35		10	105
Q3381-03MS	VNJ-245MS	2-Fluorophenol	150	67.4	45		18	112
		Phenol-d6	150	68.3	46		15	107
		Nitrobenzene-d5	100	46.1	46		18	107
		2-Fluorobiphenyl	100	32.4	32		20	109
		2,4,6-Tribromophenol	150	59.5	40		10	116
		Terphenyl-d14	100	35.4	35		10	105
Q3381-03MSD	VNJ-245MSD	2-Fluorophenol	150	67.2	45		18	112
		Phenol-d6	150	68.8	46		15	107
		Nitrobenzene-d5	100	46.4	46		18	107

Surrogate Summary

SW-846

SDG No.: Q3375

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3381-03MSD	VNJ-245MSD	2-Fluorobiphenyl	100	32.2	32		20	109
		2,4,6-Tribromophenol	150	55.9	37		10	116
		Terphenyl-d14	100	32.9	33		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144000.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3381-03MS	Client Sample ID:	VNJ-245MS								
Benzaldehyde	1200	0	650	ug/Kg	54				10	171	
Phenol	1200	0	1100	ug/Kg	92				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				54	125	
2-Chlorophenol	1200	0	1100	ug/Kg	92				51	121	
2-Methylphenol	1200	0	1100	ug/Kg	92				47	125	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				46	119	
Acetophenone	1200	0	1200	ug/Kg	100				55	128	
3+4-Methylphenols	1200	0	1100	ug/Kg	92				49	125	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1100	ug/Kg	92				51	116	
Nitrobenzene	1200	0	1200	ug/Kg	100				47	124	
Isophorone	1200	0	1100	ug/Kg	92				49	127	
2-Nitrophenol	1200	0	1300	ug/Kg	108				43	131	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				51	119	
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92				50	122	
Naphthalene	1200	0	1100	ug/Kg	92				51	121	
4-Chloroaniline	1200	0	540	ug/Kg	45				10	100	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				44	126	
Caprolactam	1200	0	1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2400	0	2400	ug/Kg	100				10	175	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				38	135	
1,1-Biphenyl	1200	0	1300	ug/Kg	108				55	131	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				48	124	
2-Nitroaniline	1200	0	1200	ug/Kg	100				47	134	
Dimethylphthalate	1200	0	1100	ug/Kg	92				54	120	
Acenaphthylene	1200	0	1300	ug/Kg	108				57	125	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				48	127	
3-Nitroaniline	1200	0	780	ug/Kg	65				10	112	
Acenaphthene	1200	0	1100	ug/Kg	92				70	121	
2,4-Dinitrophenol	2400	0	1400	ug/Kg	58				10	155	
4-Nitrophenol	2400	0	2100	ug/Kg	88				10	175	
Dibenzofuran	1200	0	1100	ug/Kg	92				52	114	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				41	140	
Diethylphthalate	1200	0	1100	ug/Kg	92				51	119	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				48	122	
Fluorene	1200	0	1200	ug/Kg	100				53	118	
4-Nitroaniline	1200	0	1100	ug/Kg	92				29	140	
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92				10	160	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				65	121	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				67	118	
Atrazine	1200	0	1200	ug/Kg	100				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144000.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2400	0	1900	ug/Kg	79				13	153	
Phenanthrene	1200	210	1300	ug/Kg	91				52	128	
Anthracene	1200	120	1200	ug/Kg	90				62	124	
Carbazole	1200	0	1200	ug/Kg	100				59	119	
Di-n-butylphthalate	1200	0	1200	ug/Kg	100				55	125	
Fluoranthene	1200	330	1400	ug/Kg	89				44	125	
Pyrene	1200	240	1200	ug/Kg	80				37	122	
Butylbenzylphthalate	1200	0	1200	ug/Kg	100				44	135	
3,3-Dichlorobenzidine	1200	0	820	ug/Kg	68				15	112	
Benzo(a)anthracene	1200	230	1500	ug/Kg	106				53	119	
Chrysene	1200	360	1400	ug/Kg	87				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108				42	169	
Di-n-octyl phthalate	1200	0	1500	ug/Kg	125				51	156	
Benzo(b)fluoranthene	1200	420	1400	ug/Kg	82				52	117	
Benzo(k)fluoranthene	1200	130	1100	ug/Kg	81				57	134	
Benzo(a)pyrene	1200	250	1400	ug/Kg	96				70	142	
Indeno(1,2,3-cd)pyrene	1200	120	1300	ug/Kg	98				40	129	
Dibenz(a,h)anthracene	1200	51.1	1200	ug/Kg	96				43	123	
Benzo(g,h,i)perylene	1200	130	1300	ug/Kg	98				24	125	
1,2,4,5-Tetrachlorobenzene	1200	0	1300	ug/Kg	108				52	134	
1,4-Dioxane	1200	0	1100	ug/Kg	92				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144001.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3381-03MSD		Client Sample ID: VNJ-245MSD									
Benzaldehyde	1200	0	660	ug/Kg	55		2		10	171	20
Phenol	1200	0	1200	ug/Kg	100		8		51	122	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		54	125	20
2-Chlorophenol	1200	0	1100	ug/Kg	92		0		51	121	20
2-Methylphenol	1200	0	1100	ug/Kg	92		0		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		46	119	20
Acetophenone	1200	0	1200	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		0		49	125	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	1100	ug/Kg	92		0		51	116	20
Nitrobenzene	1200	0	1200	ug/Kg	100		0		47	124	20
Isophorone	1200	0	1100	ug/Kg	92		0		49	127	20
2-Nitrophenol	1200	0	1300	ug/Kg	108		0		43	131	20
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		0		51	119	20
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92		0		50	122	20
Naphthalene	1200	0	1100	ug/Kg	92		0		51	121	20
4-Chloroaniline	1200	0	480	ug/Kg	40		12		10	100	20
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		0		44	126	20
Caprolactam	1200	0	1100	ug/Kg	92		0		51	134	20
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92		0		57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	2500	0	2400	ug/Kg	96		4		10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		0		33	141	20
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92		0		38	135	20
1,1-Biphenyl	1200	0	1300	ug/Kg	108		0		55	131	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		48	124	20
2-Nitroaniline	1200	0	1200	ug/Kg	100		0		47	134	20
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		54	120	20
Acenaphthylene	1200	0	1300	ug/Kg	108		0		57	125	20
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		48	127	20
3-Nitroaniline	1200	0	720	ug/Kg	60		8		10	112	20
Acenaphthene	1200	0	1200	ug/Kg	100		8		70	121	20
2,4-Dinitrophenol	2500	0	1500	ug/Kg	60		3		10	155	20
4-Nitrophenol	2500	0	2000	ug/Kg	80		10		10	175	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		52	114	20
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		41	140	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		51	119	20
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92		0		48	122	20
Fluorene	1200	0	1100	ug/Kg	92		8		53	118	20
4-Nitroaniline	1200	0	1000	ug/Kg	83		10		29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92		0		10	160	20
N-Nitrosodiphenylamine	1200	0	1300	ug/Kg	108		8		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1200	0	1200	ug/Kg	100		0		67	118	20
Atrazine	1200	0	1200	ug/Kg	100		0		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144001.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2500	0	1900	ug/Kg	76		4		13	153	20
Phenanthrene	1200	210	1300	ug/Kg	91		0		52	128	20
Anthracene	1200	120	1200	ug/Kg	90		0		62	124	20
Carbazole	1200	0	1200	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92		8		55	125	20
Fluoranthene	1200	330	1300	ug/Kg	81		9		44	125	20
Pyrene	1200	240	1100	ug/Kg	72		11		37	122	20
Butylbenzylphthalate	1200	0	1100	ug/Kg	92		8		44	135	20
3,3-Dichlorobenzidine	1200	0	810	ug/Kg	68		0		15	112	20
Benzo(a)anthracene	1200	230	1400	ug/Kg	98		8		53	119	20
Chrysene	1200	360	1400	ug/Kg	87		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100		8		42	169	20
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		7		51	156	20
Benzo(b)fluoranthene	1200	420	1400	ug/Kg	82		0		52	117	20
Benzo(k)fluoranthene	1200	130	1200	ug/Kg	89		9		57	134	20
Benzo(a)pyrene	1200	250	1400	ug/Kg	96		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	120	1300	ug/Kg	98		0		40	129	20
Dibenz(a,h)anthracene	1200	51.1	1200	ug/Kg	96		0		43	123	20
Benzo(g,h,i)perylene	1200	130	1300	ug/Kg	98		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1200	ug/Kg	100		8		52	134	20
1,4-Dioxane	1200	0	1100	ug/Kg	92		0		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92		0		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3375</u>	Analytical Method: <u>8270E</u>
Client: <u>AECOM</u>	DataFile: <u>BG064549.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170165BS	Benzaldehyde	1700	630	ug/Kg	37				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1200	ug/Kg	71				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	900	ug/Kg	53				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	
	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3375</u>	Analytical Method: <u>8270E</u>
Client: <u>AECOM</u>	DataFile: <u>BG064549.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170165BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98		
	Atrazine	1700	1600	ug/Kg	94				47	152		
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1600	ug/Kg	94				61	99		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104		
	Fluoranthene	1700	1500	ug/Kg	88				57	107		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101		
	1,4-Dioxane	1700	990	ug/Kg	58				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170165BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3375

Lab File ID: BG064548.D

Lab Sample ID: PB170165BL

Instrument ID: BNA_G

Date Extracted: 10/20/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/20/2025

Level: (low/med) LOW

Time Analyzed: 13:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170165BS	PB170165BS	BG064549.D	10/20/2025
VNJ-245MS	Q3381-03MS	BF144000.D	10/20/2025
VNJ-245MSD	Q3381-03MSD	BF144001.D	10/20/2025
PR132-S02-074099-20251016	Q3375-01	BF144015.D	10/21/2025
PR132-S04-000013-20251016	Q3375-02	BF144016.D	10/21/2025
PR132-S05-000057-20251016	Q3375-03	BF144017.D	10/21/2025
PR132-S02-010074-20251016	Q3375-04	BF144018.D	10/21/2025
PR132-DP02-074099-20251016	Q3375-05	BF144019.D	10/21/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143874.D
Instrument ID: BNA_F

Contract: AEC002
SDG NO.: Q3375
DFTPP Injection Date: 10/06/2025
DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143996.D
Instrument ID: BNA_F

Contract: AECO02
SDG NO.: Q3375
DFTPP Injection Date: 10/20/2025
DFTPP Injection Time: 12:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.8) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	82.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF143997.D	10/20/2025	13:28
VNJ-245MS	Q3381-03MS	BF144000.D	10/20/2025	15:57
VNJ-245MSD	Q3381-03MSD	BF144001.D	10/20/2025	16:27



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144008.D
Instrument ID: BNA_F

Contract: AECO02
SDG NO.: Q3375
DFTPP Injection Date: 10/21/2025
DFTPP Injection Time: 12:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
365	Greater than 1% of mass 198	7.0
441	Present, but less than mass 443	3.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF144009.D	10/21/2025	13:29
PR132-S02-074099-20251016	Q3375-01	BF144015.D	10/21/2025	16:32
PR132-S04-000013-20251016	Q3375-02	BF144016.D	10/21/2025	17:02
PR132-S05-000057-20251016	Q3375-03	BF144017.D	10/21/2025	17:31
PR132-S02-010074-20251016	Q3375-04	BF144018.D	10/21/2025	18:01
PR132-DP02-074099-20251016	Q3375-05	BF144019.D	10/21/2025	18:30



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064472.D
Instrument ID: BNA_G

Contract: AEC002
SDG NO.: Q3375
DFTPP Injection Date: 10/02/2025
DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	7.1
441	Present, but less than mass 443	86.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064473.D	10/02/2025	09:01
SSTDICC005	SSTDICC005	BG064474.D	10/02/2025	09:42
SSTDICC020	SSTDICC020	BG064476.D	10/02/2025	11:33
SSTDICCC040	SSTDICCC040	BG064477.D	10/02/2025	12:14
SSTDICC050	SSTDICC050	BG064478.D	10/02/2025	12:55
SSTDICC060	SSTDICC060	BG064479.D	10/02/2025	13:35
SSTDICC080	SSTDICC080	BG064480.D	10/02/2025	14:16
SSTDICC010	SSTDICC010	BG064481.D	10/02/2025	15:49



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064546.D
Instrument ID: BNA_G

Contract: AECO02
SDG NO.: Q3375
DFTPP Injection Date: 10/20/2025
DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	7.0
441	Present, but less than mass 443	23.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064547.D	10/20/2025	12:44
PB170165BL	PB170165BL	BG064548.D	10/20/2025	13:44
PB170165BS	PB170165BS	BG064549.D	10/20/2025	14:25

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID : SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BF143997.D

Time Analyzed: 13:28

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	108923	6.881	424804	8.16	230266	9.92
UPPER LIMIT	217846	7.381	849608	8.663	460532	10.422
LOWER LIMIT	54461.5	6.381	212402	7.663	115133	9.422
EPA SAMPLE NO.						
01 VNJ-245MS	103333	6.88	382013	8.16	200713	9.92
02 VNJ-245MSD	100371	6.88	371973	8.16	192676	9.92

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID: SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BF143997.D

Time Analyzed: 13:28

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	385198	11.416	224376	14.063	212318	15.545
UPPER LIMIT	770396	11.916	448752	14.563	424636	16.045
LOWER LIMIT	192599	10.916	112188	13.563	106159	15.045
EPA SAMPLE NO.						
01 VNJ-245MS	318387	11.42	223763	14.06	294781	15.55
02 VNJ-245MSD	292615	11.41	212179	14.06	285074	15.55

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID : SSTDCCC040

Date Analyzed: 10/21/2025

Lab File ID: BF144009.D

Time Analyzed: 13:29

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	126907	6.881	483648	8.16	263342	9.92
UPPER LIMIT	253814	7.381	967296	8.663	526684	10.422
LOWER LIMIT	63453.5	6.381	241824	7.663	131671	9.422
EPA SAMPLE NO.						
01 PR132-S02-074099-20251016	109716	6.88	402386	8.16	203476	9.92
02 PR132-S04-000013-20251016	116615	6.88	420206	8.16	202155	9.92
03 PR132-S05-000057-20251016	111644	6.88	395479	8.16	186629	9.92
04 PR132-S02-010074-20251016	114769	6.88	412633	8.16	190672	9.92
05 PR132-DP02-074099-20251016	116635	6.88	418260	8.16	205210	9.92

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID: SSTDCCC040

Date Analyzed: 10/21/2025

Lab File ID: BF144009.D

Time Analyzed: 13:29

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	430811	11.416	235758	14.063	243917	15.545
UPPER LIMIT	861622	11.916	471516	14.563	487834	16.045
LOWER LIMIT	215406	10.916	117879	13.563	121959	15.045
EPA SAMPLE NO.						
01 PR132-S02-074099-20251016	318797	11.41	282059	14.06	335097	15.55
02 PR132-S04-000013-20251016	308753	11.41	254161	14.06	318784	15.55
03 PR132-S05-000057-20251016	279883	11.41	258346	14.06	324753	15.55
04 PR132-S02-010074-20251016	289518	11.41	267469	14.06	332355	15.55
05 PR132-DP02-074099-20251016	299829	11.41	262654	14.06	320945	15.55

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID : SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BG064547.D

Time Analyzed: 12:44

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	12980	7.817	58801	10.61	45965	14.44
UPPER LIMIT	25960	8.317	117602	11.107	91930	14.944
LOWER LIMIT	6490	7.317	29400.5	10.107	22982.5	13.944
EPA SAMPLE NO.						
01 PB170165BL	14412	7.81	55177	10.60	43937	14.45
02 PB170165BS	13636	7.82	56148	10.61	44549	14.45

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID: SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BG064547.D

Time Analyzed: 12:44

Instrument ID: BNA_G

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	112639	17.188	113403	21.418	125032	24.403
UPPER LIMIT	225278	17.688	226806	21.918	250064	24.903
LOWER LIMIT	56319.5	16.688	56701.5	20.918	62516	23.903
EPA SAMPLE NO.						
01 PB170165BL	117288	17.19	124365	21.41	134795	24.41
02 PB170165BS	109767	17.19	115066	21.42	122784	24.41

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
- 18

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S02-074099-20251016
 Lab Sample ID: Q3375-01
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 69.2
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	480	U	1	230	480	ug/Kg	10/21/25 16:32	PB170165
108-95-2	Phenol	250	U	1	31.9	250	ug/Kg	10/21/25 16:32	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	35.1	250	ug/Kg	10/21/25 16:32	PB170165
95-57-8	2-Chlorophenol	250	U	1	35.2	250	ug/Kg	10/21/25 16:32	PB170165
95-48-7	2-Methylphenol	250	U	1	43.2	250	ug/Kg	10/21/25 16:32	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	54.2	250	ug/Kg	10/21/25 16:32	PB170165
98-86-2	Acetophenone	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
65794-96-9	3+4-Methylphenols	480	U	1	59.4	480	ug/Kg	10/21/25 16:32	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	68.5	120	ug/Kg	10/21/25 16:32	PB170165
67-72-1	Hexachloroethane	250	U	1	25.4	250	ug/Kg	10/21/25 16:32	PB170165
98-95-3	Nitrobenzene	250	U	1	26.4	250	ug/Kg	10/21/25 16:32	PB170165
78-59-1	Isophorone	250	U	1	47.4	250	ug/Kg	10/21/25 16:32	PB170165
88-75-5	2-Nitrophenol	250	U	1	84.0	250	ug/Kg	10/21/25 16:32	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	93.6	250	ug/Kg	10/21/25 16:32	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	44.5	250	ug/Kg	10/21/25 16:32	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
91-20-3	Naphthalene	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
106-47-8	4-Chloroaniline	250	U	1	51.1	250	ug/Kg	10/21/25 16:32	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
105-60-2	Caprolactam	480	U	1	75.2	480	ug/Kg	10/21/25 16:32	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	41.4	250	ug/Kg	10/21/25 16:32	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
77-47-4	Hexachlorocyclopentadiene	480	U	1	170	480	ug/Kg	10/21/25 16:32	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	28.6	250	ug/Kg	10/21/25 16:32	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
92-52-4	1,1-Biphenyl	250	U	1	31.5	250	ug/Kg	10/21/25 16:32	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	32.5	250	ug/Kg	10/21/25 16:32	PB170165
88-74-4	2-Nitroaniline	250	U	1	69.5	250	ug/Kg	10/21/25 16:32	PB170165
131-11-3	Dimethylphthalate	250	U	1	39.1	250	ug/Kg	10/21/25 16:32	PB170165
208-96-8	Acenaphthylene	250	U	1	41.7	250	ug/Kg	10/21/25 16:32	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	48.5	250	ug/Kg	10/21/25 16:32	PB170165
99-09-2	3-Nitroaniline	250	U	1	66.4	250	ug/Kg	10/21/25 16:32	PB170165
83-32-9	Acenaphthene	250	U	1	30.8	250	ug/Kg	10/21/25 16:32	PB170165
51-28-5	2,4-Dinitrophenol	480	U	1	330	480	ug/Kg	10/21/25 16:32	PB170165
100-02-7	4-Nitrophenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165
132-64-9	Dibenzofuran	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	72.4	250	ug/Kg	10/21/25 16:32	PB170165
84-66-2	Diethylphthalate	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	38.6	250	ug/Kg	10/21/25 16:32	PB170165
86-73-7	Fluorene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
100-01-6	4-Nitroaniline	250	U	1	92.7	250	ug/Kg	10/21/25 16:32	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S02-074099-20251016
 Lab Sample ID: Q3375-01
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 69.2
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	47.5	250	ug/Kg	10/21/25 16:32	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	40.1	250	ug/Kg	10/21/25 16:32	PB170165
118-74-1	Hexachlorobenzene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
1912-24-9	Atrazine	250	U	1	49.1	250	ug/Kg	10/21/25 16:32	PB170165
87-86-5	Pentachlorophenol	480	U	1	74.1	480	ug/Kg	10/21/25 16:32	PB170165
85-01-8	Phenanthrene	250	U	1	30.2	250	ug/Kg	10/21/25 16:32	PB170165
120-12-7	Anthracene	250	U	1	48.1	250	ug/Kg	10/21/25 16:32	PB170165
86-74-8	Carbazole	250	U	1	45.1	250	ug/Kg	10/21/25 16:32	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	69.2	250	ug/Kg	10/21/25 16:32	PB170165
206-44-0	Fluoranthene	250	U	1	43.3	250	ug/Kg	10/21/25 16:32	PB170165
129-00-0	Pyrene	250	U	1	52.0	250	ug/Kg	10/21/25 16:32	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	100	250	ug/Kg	10/21/25 16:32	PB170165
91-94-1	3,3-Dichlorobenzidine	480	U	1	53.0	480	ug/Kg	10/21/25 16:32	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	33.2	250	ug/Kg	10/21/25 16:32	PB170165
218-01-9	Chrysene	250	U	1	28.7	250	ug/Kg	10/21/25 16:32	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	85.5	250	ug/Kg	10/21/25 16:32	PB170165
117-84-0	Di-n-octyl phthalate	480	U	1	130	480	ug/Kg	10/21/25 16:32	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	27.4	250	ug/Kg	10/21/25 16:32	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	32.3	250	ug/Kg	10/21/25 16:32	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	37.1	250	ug/Kg	10/21/25 16:32	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
123-91-1	1,4-Dioxane	250	U	1	65.3	250	ug/Kg	10/21/25 16:32	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165

SURROGATES

367-12-4	2-Fluorophenol	67.8		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	65.1		15 - 107	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.7		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.6		20 - 109	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	57.6		10 - 116	38%	SPK: 150
1718-51-0	Terphenyl-d14	28.1		10 - 105	28%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	110000
1146-65-2	Naphthalene-d8	402000
15067-26-2	Acenaphthene-d10	203000
1517-22-2	Phenanthrene-d10	319000
1719-03-5	Chrysene-d12	282000
1520-96-3	Perylene-d12	335000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	280	J	10.6	ug/Kg
000638-53-9	Tridecanoic acid	240	J	11.9	ug/Kg

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	69.2
Sample Wt/Vol:	30.02 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	109716	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	402386	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	203476	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	318797	20.000	ng	0.00
76) Chrysene-d12	14.063	240	282059	20.000	ng	0.00
86) Perylene-d12	15.545	264	335097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	468743	67.844	ng	0.00
7) Phenol-d6	6.504	99	536234	65.114	ng	-0.01
23) Nitrobenzene-d5	7.439	82	289450	43.703	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	116811	57.637	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	495479	38.638	ng	-0.01
79) Terphenyl-d14	12.998	244	463565	28.089	ng	-0.01

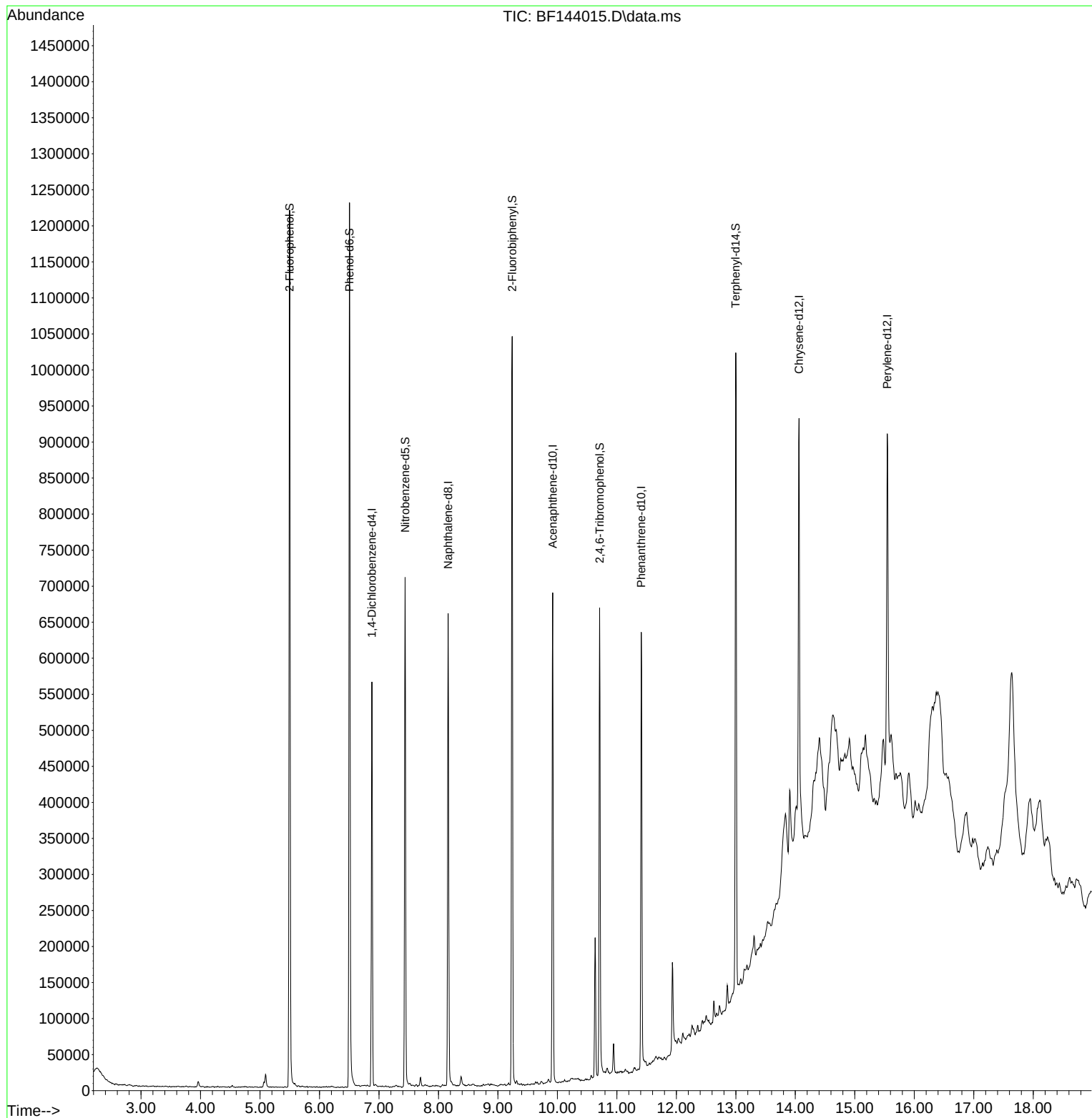
Target Compounds	Qvalue
------------------	--------

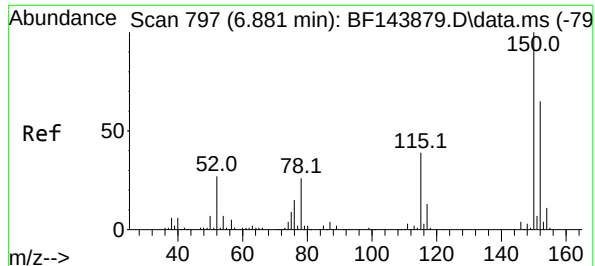
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

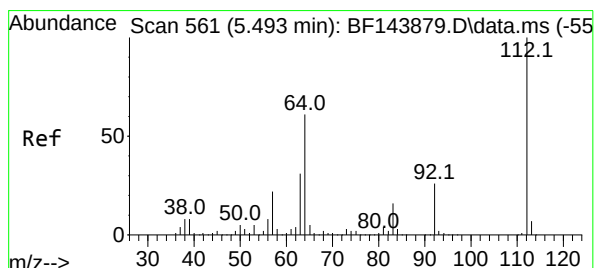
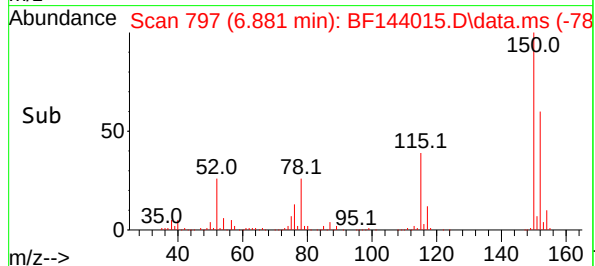
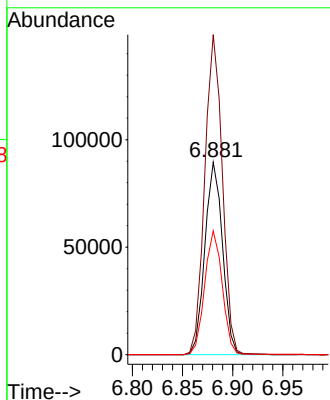
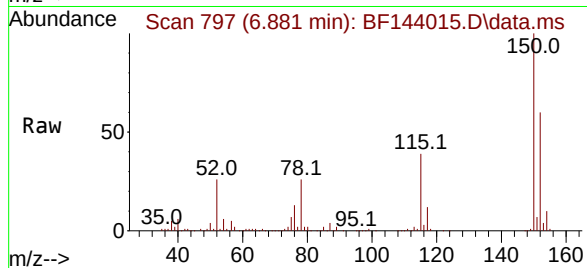




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

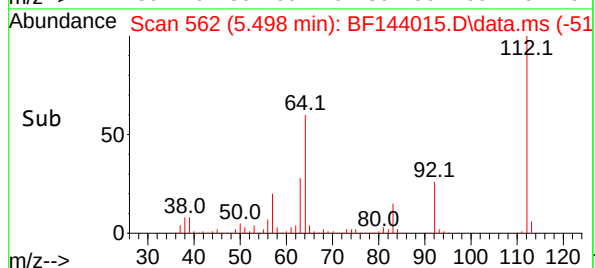
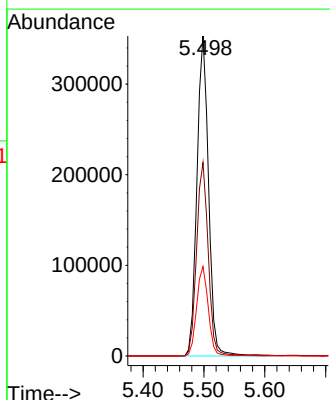
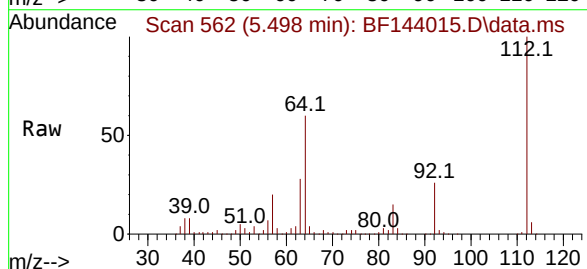
Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

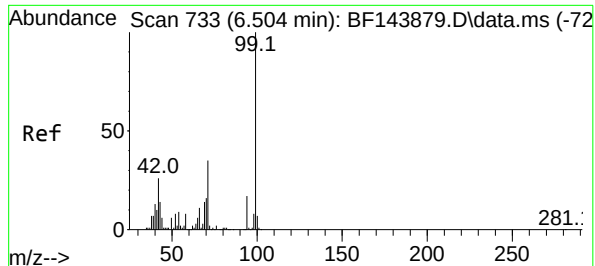
Tgt Ion:152 Resp: 109716
Ion Ratio Lower Upper
152 100
150 166.2 124.4 186.6
115 64.3 48.1 72.1



#5
2-Fluorophenol
Concen: 67.844 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

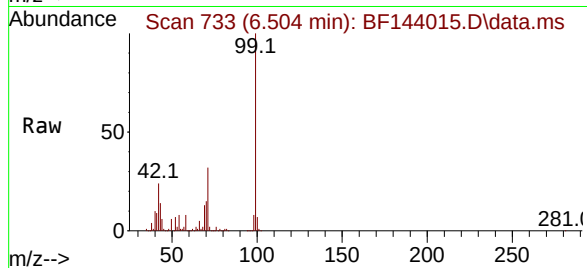
Tgt Ion:112 Resp: 468743
Ion Ratio Lower Upper
112 100
64 60.5 49.1 73.7
63 27.9 24.5 36.7



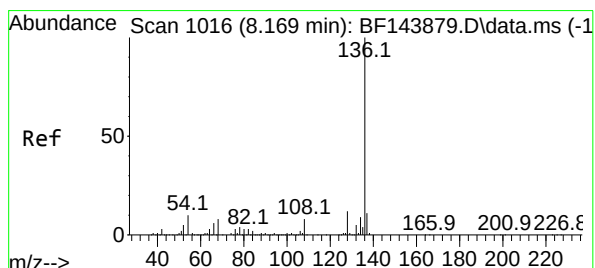
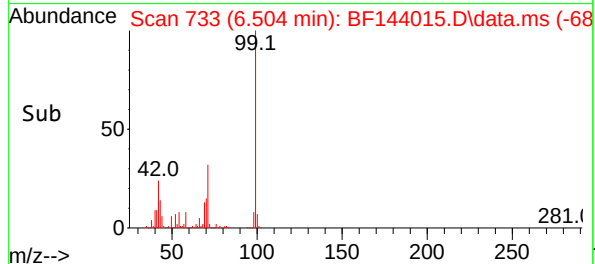
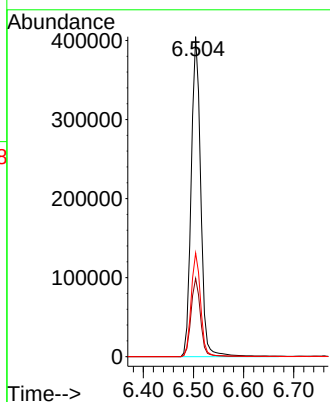


#7
Phenol-d6
Concen: 65.114 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

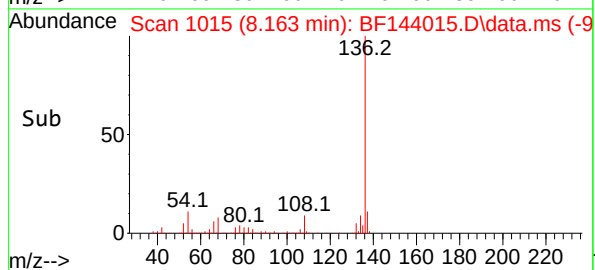
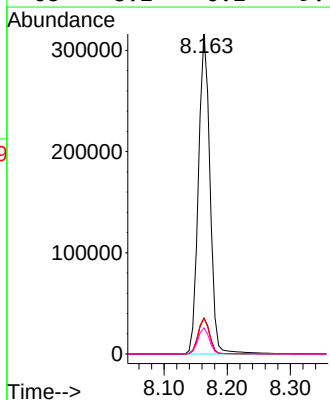
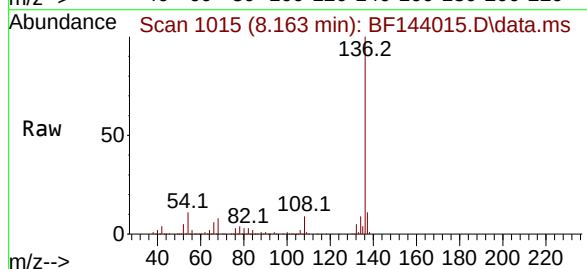


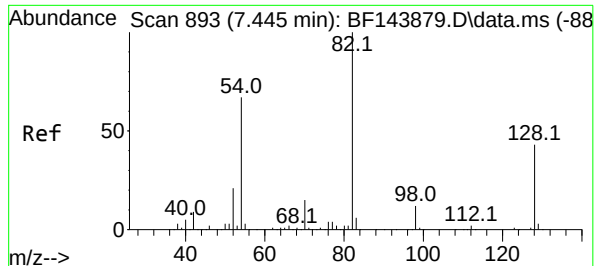
Tgt Ion: 99 Resp: 536234
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion: 136 Resp: 402386
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.2 8.2 12.4
68 8.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 43.703 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

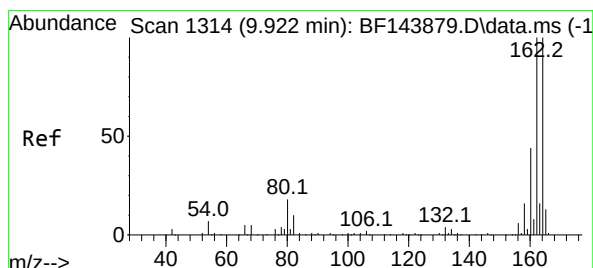
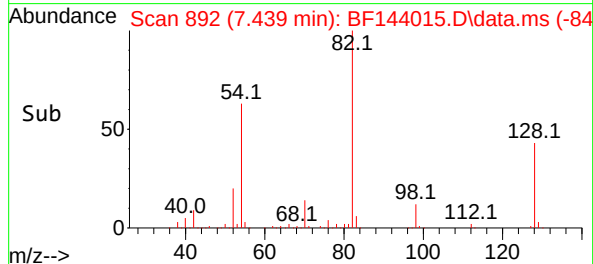
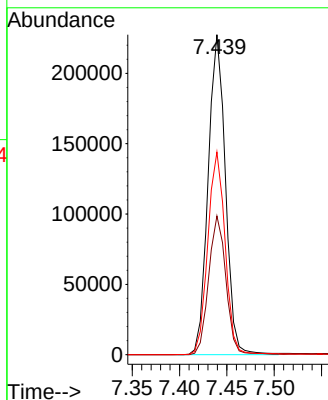
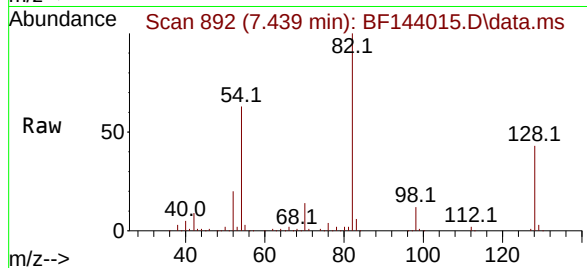
BNA_F

ClientSampleId :

PR132-S02-074099-20251016

Tgt Ion: 82 Resp: 289450

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	63.3	53.2	79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

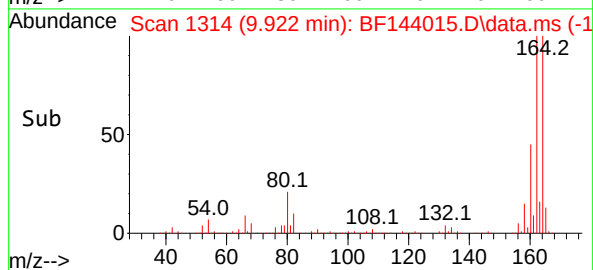
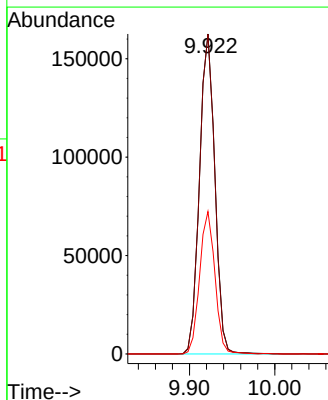
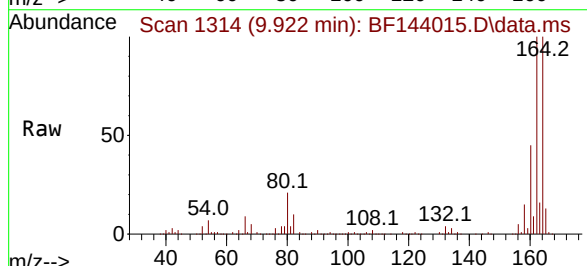
Delta R.T. -0.005 min

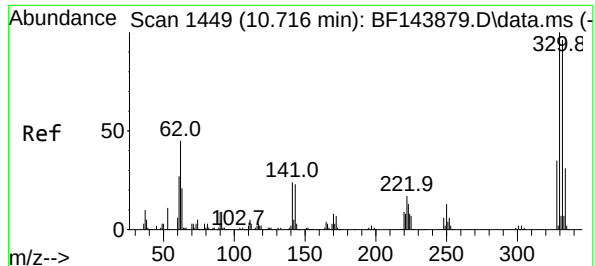
Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Tgt Ion: 164 Resp: 203476

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 57.637 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PR132-S02-074099-20251016

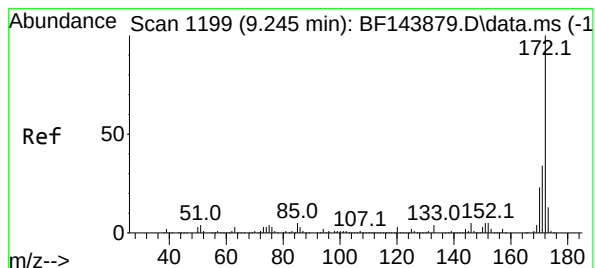
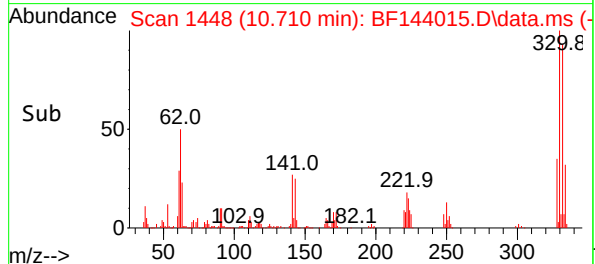
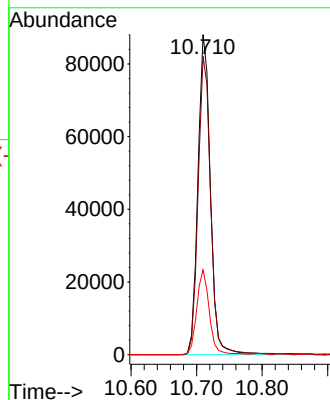
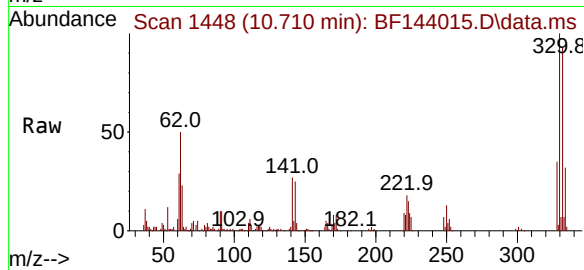
Tgt Ion:330 Resp: 116811

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

141 26.6 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 38.638 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

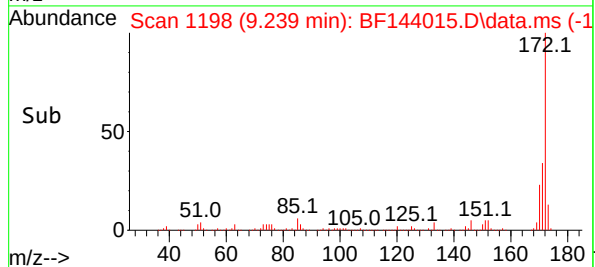
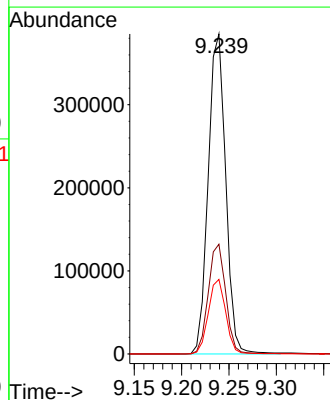
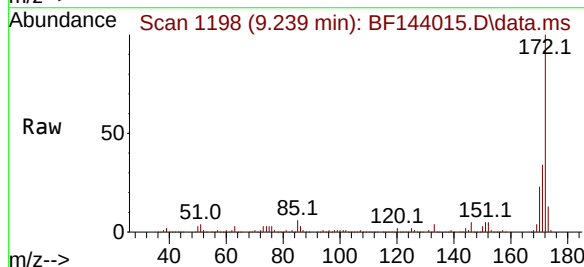
Tgt Ion:172 Resp: 495479

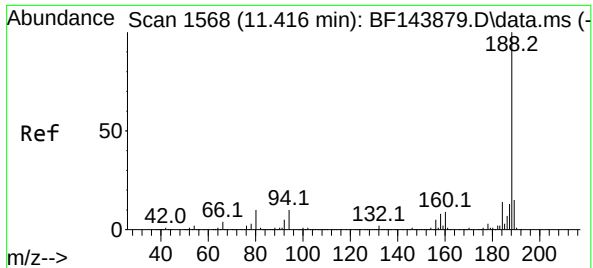
Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PR132-S02-074099-20251016

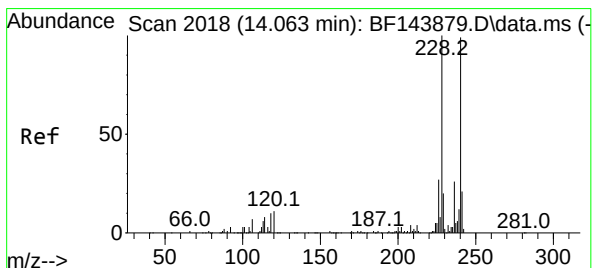
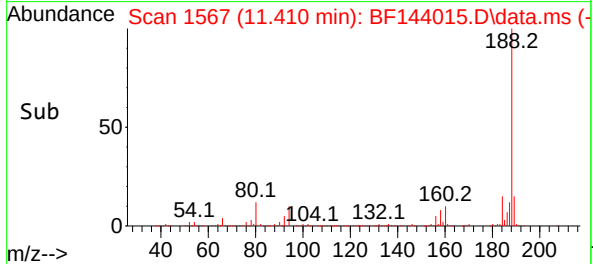
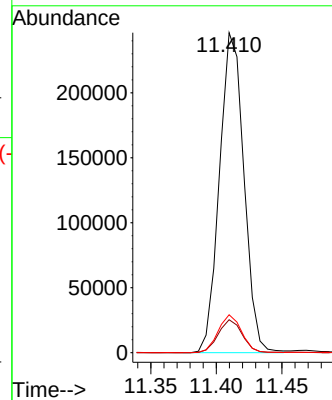
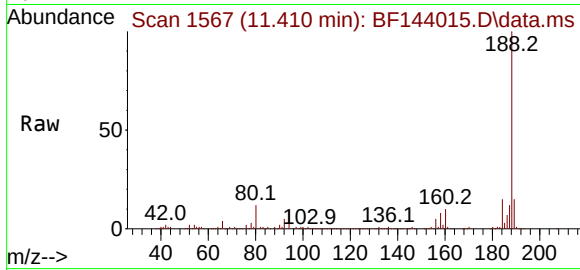
Tgt Ion:188 Resp: 318797

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 11.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

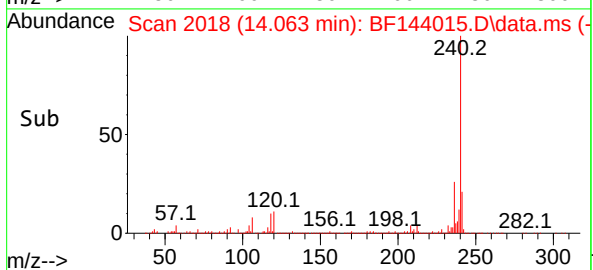
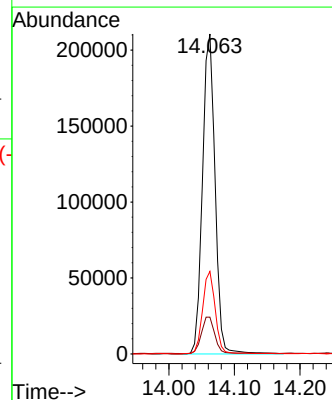
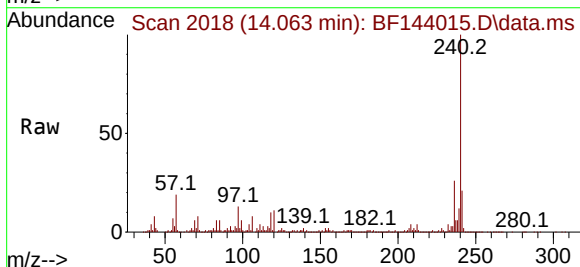
Tgt Ion:240 Resp: 282059

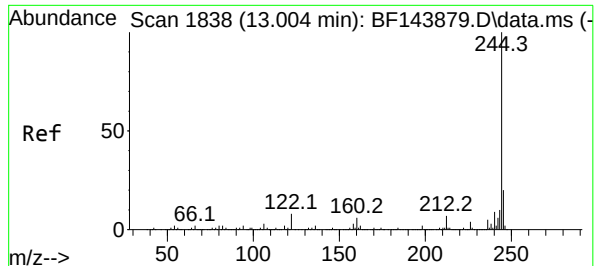
Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 28.089 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PR132-S02-074099-20251016

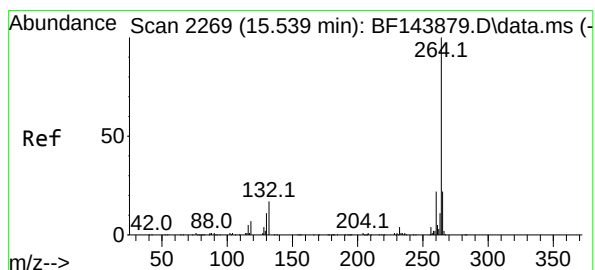
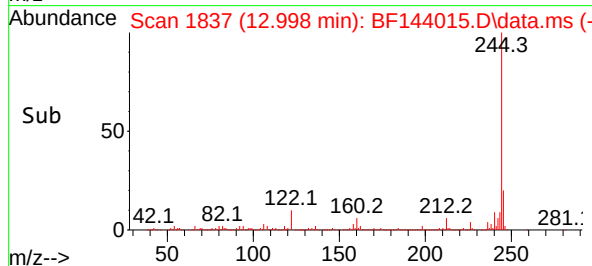
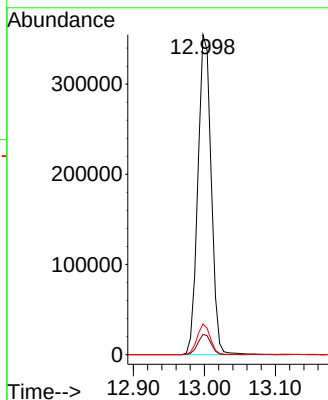
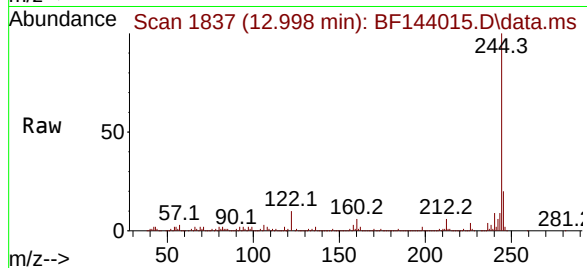
Tgt Ion:244 Resp: 463565

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.6 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

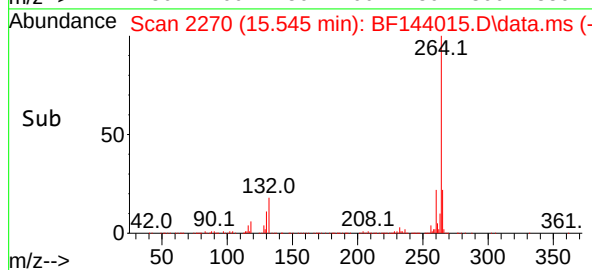
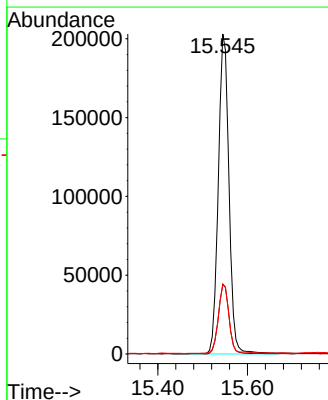
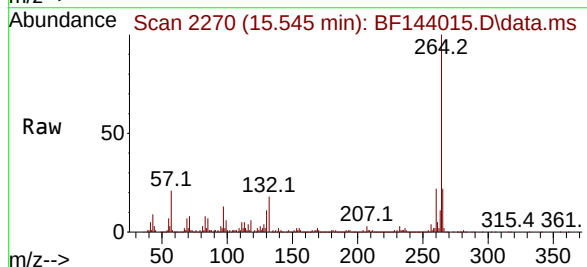
Tgt Ion:264 Resp: 335097

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

265 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144015.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	490	493	504	rVB	17622	27720	1.68%	0.214%
2	5.498	556	562	575	rBV	1216933	1613835	98.04%	12.466%
3	6.504	727	733	752	rBV	1227537	1646119	100.00%	12.715%
4	6.881	792	797	802	rBV	560972	681607	41.41%	5.265%
5	7.439	886	892	902	rBV	706729	903129	54.86%	6.976%
6	8.163	1010	1015	1029	rVB	654424	833074	50.61%	6.435%
7	8.381	1047	1052	1062	rBV2	12132	21172	1.29%	0.164%
8	9.239	1192	1198	1208	rBV	1038740	1348300	81.91%	10.415%
9	9.922	1308	1314	1327	rVB	679805	855144	51.95%	6.605%
10	10.633	1430	1435	1443	rBV	193994	246929	15.00%	1.907%
11	10.710	1443	1448	1460	rBV	648369	863969	52.49%	6.674%
12	10.945	1484	1488	1493	rVB	40234	50376	3.06%	0.389%
13	11.410	1562	1567	1577	rBV	606221	819586	49.79%	6.331%
14	11.933	1652	1656	1664	rBV	122843	204709	12.44%	1.581%
15	12.627	1771	1774	1780	rBV	30032	51464	3.13%	0.398%
16	12.998	1832	1837	1843	rBV	882871	1145922	69.61%	8.851%
17	14.063	2013	2018	2032	rVB	582710	936128	56.87%	7.231%
18	15.545	2266	2270	2278	rBV	437511	697013	42.34%	5.384%

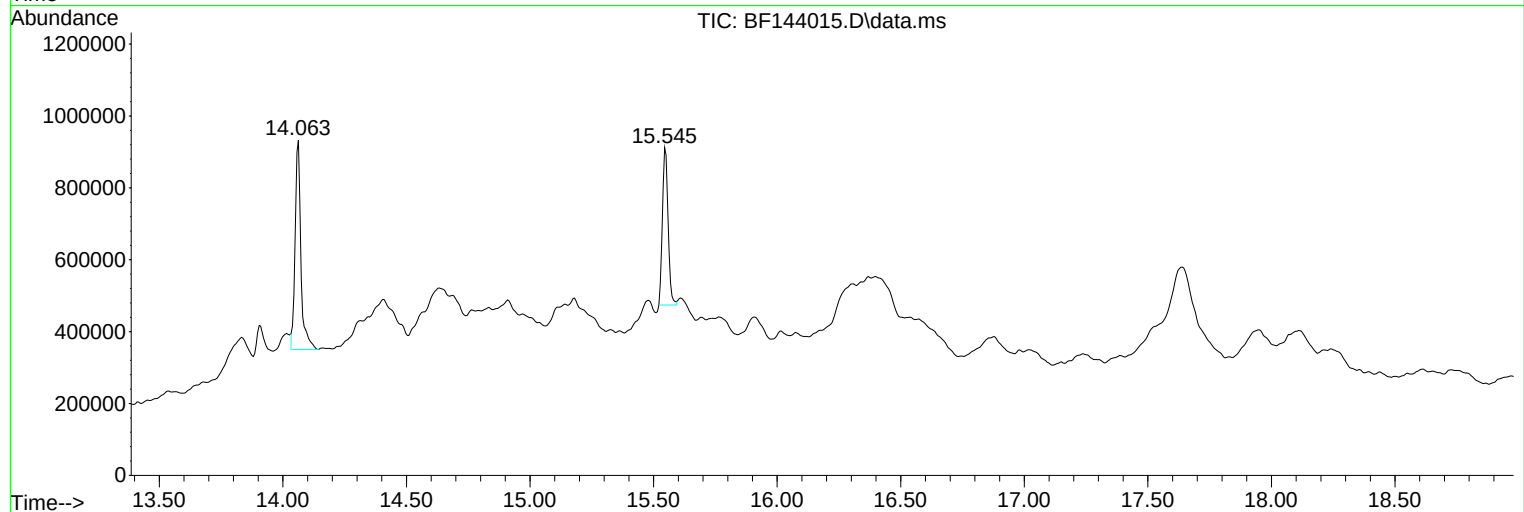
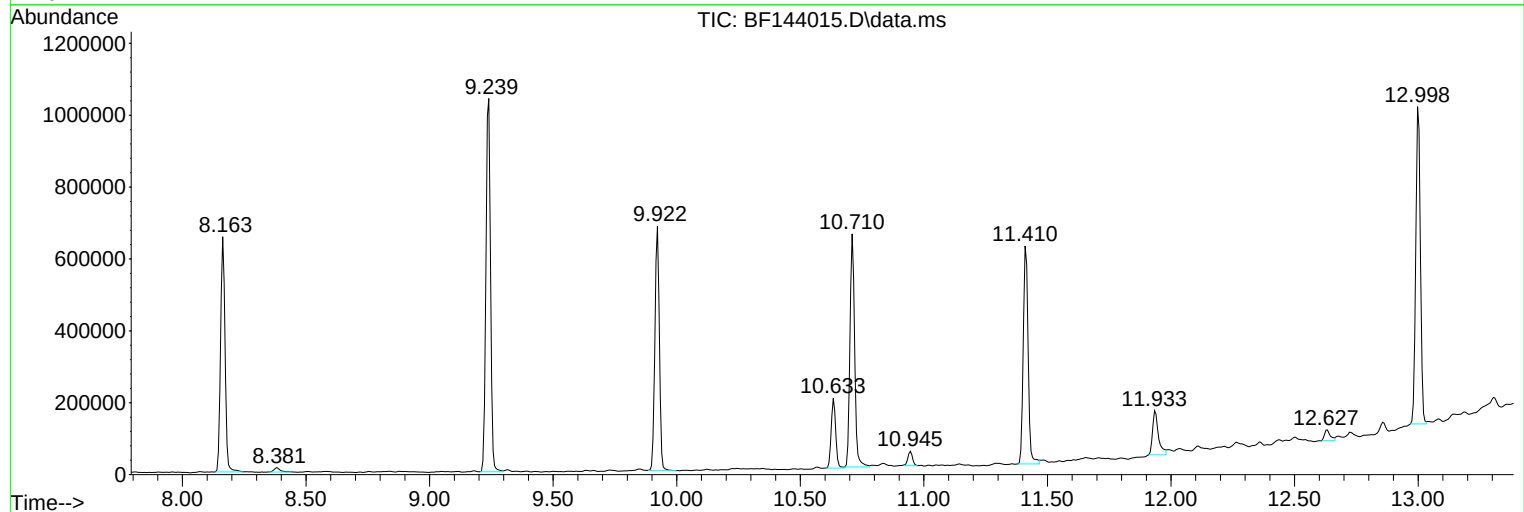
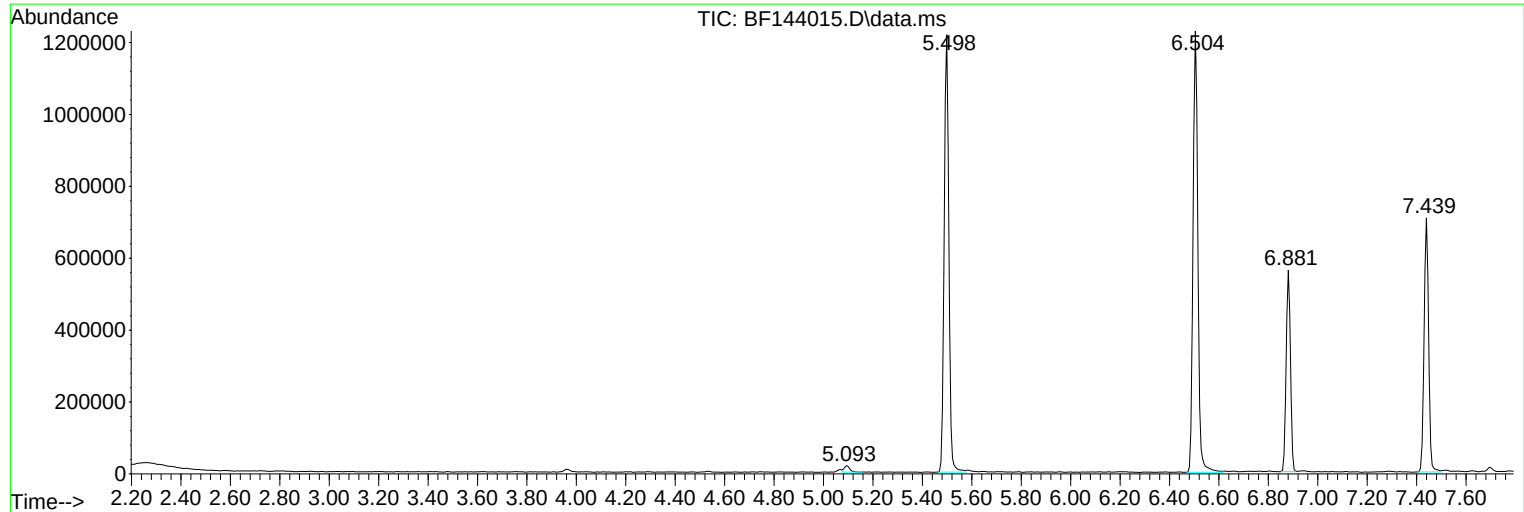
Sum of corrected areas: 12946196

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

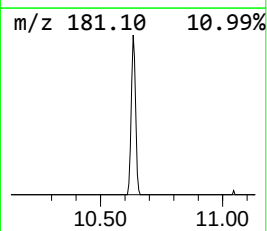
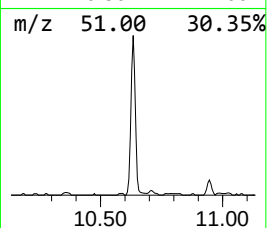
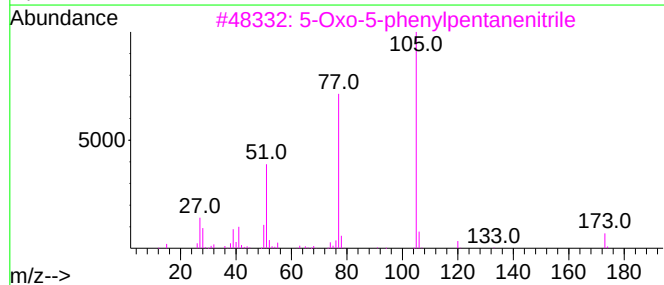
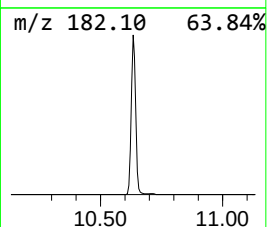
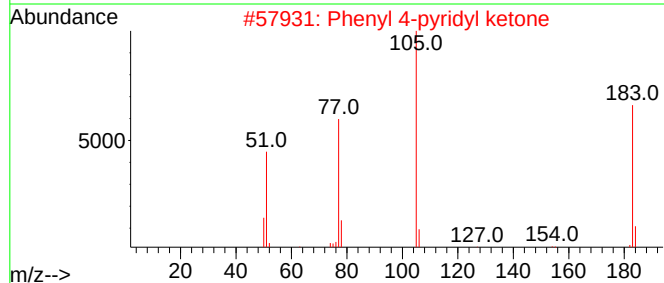
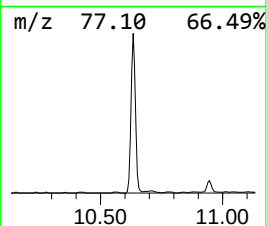
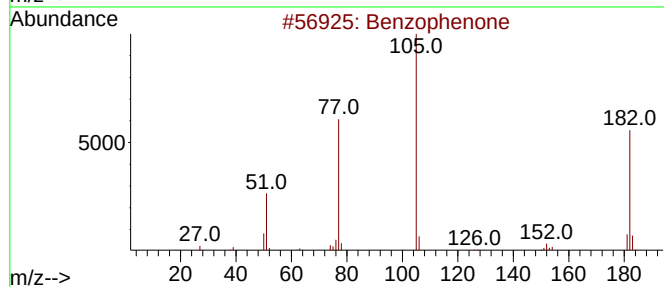
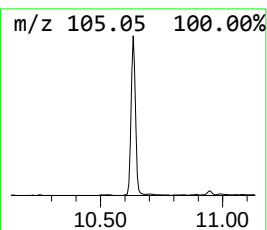
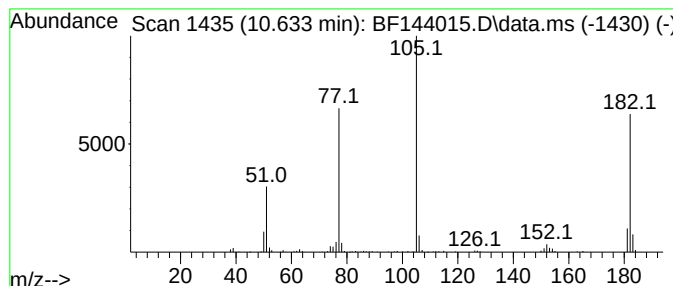
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	5.78 ng	246929	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5			Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

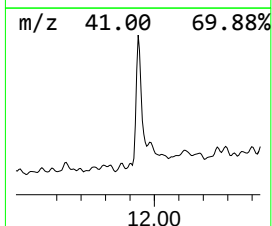
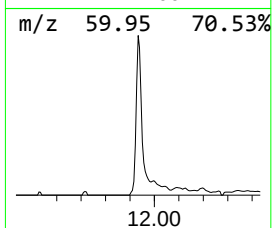
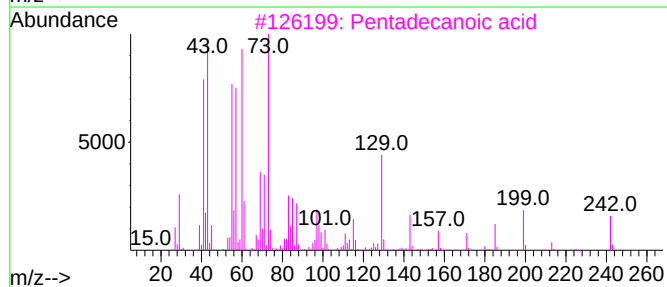
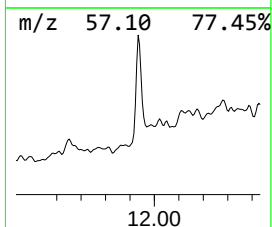
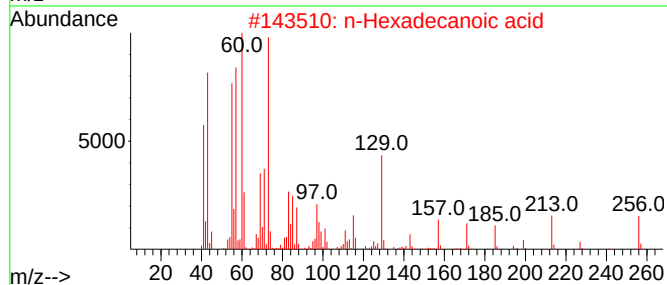
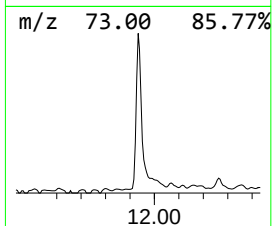
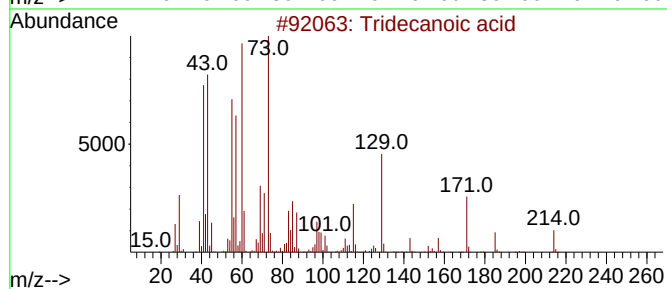
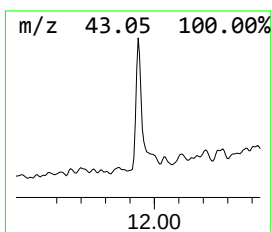
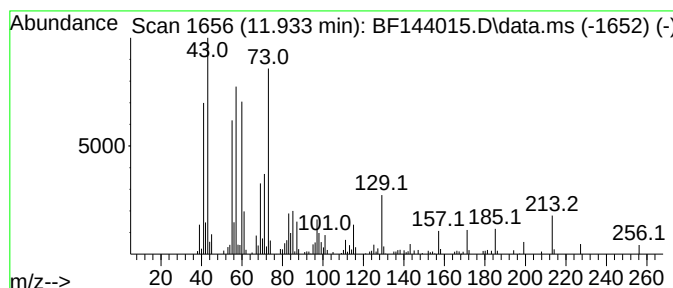
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.00 ng	204709	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	94
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144015.D
Acq On : 21 Oct 2025 16:32
Operator : RC/JU
Sample : Q3375-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.633	5.8	ng	246929	3	9.922	855144	20.0
Tridecanoic acid	11.933	5.0	ng	204709	4	11.410	819586	20.0

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S04-000013-20251016
 Lab Sample ID: Q3375-02
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 74.7
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	440	U	1	210	440	ug/Kg	10/21/25 17:02	PB170165
108-95-2	Phenol	230	U	1	29.5	230	ug/Kg	10/21/25 17:02	PB170165
111-44-4	bis(2-Chloroethyl)ether	230	U	1	32.5	230	ug/Kg	10/21/25 17:02	PB170165
95-57-8	2-Chlorophenol	230	U	1	32.6	230	ug/Kg	10/21/25 17:02	PB170165
95-48-7	2-Methylphenol	230	U	1	39.9	230	ug/Kg	10/21/25 17:02	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	1	50.1	230	ug/Kg	10/21/25 17:02	PB170165
98-86-2	Acetophenone	230	U	1	39.4	230	ug/Kg	10/21/25 17:02	PB170165
65794-96-9	3+4-Methylphenols	440	U	1	54.9	440	ug/Kg	10/21/25 17:02	PB170165
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	63.3	110	ug/Kg	10/21/25 17:02	PB170165
67-72-1	Hexachloroethane	230	U	1	23.5	230	ug/Kg	10/21/25 17:02	PB170165
98-95-3	Nitrobenzene	230	U	1	24.4	230	ug/Kg	10/21/25 17:02	PB170165
78-59-1	Isophorone	230	U	1	43.8	230	ug/Kg	10/21/25 17:02	PB170165
88-75-5	2-Nitrophenol	230	U	1	77.7	230	ug/Kg	10/21/25 17:02	PB170165
105-67-9	2,4-Dimethylphenol	230	U	1	86.5	230	ug/Kg	10/21/25 17:02	PB170165
111-91-1	bis(2-Chloroethoxy)methane	230	U	1	41.1	230	ug/Kg	10/21/25 17:02	PB170165
120-83-2	2,4-Dichlorophenol	230	U	1	37.8	230	ug/Kg	10/21/25 17:02	PB170165
91-20-3	Naphthalene	230	U	1	30.3	230	ug/Kg	10/21/25 17:02	PB170165
106-47-8	4-Chloroaniline	230	U	1	47.3	230	ug/Kg	10/21/25 17:02	PB170165
87-68-3	Hexachlorobutadiene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
105-60-2	Caprolactam	440	U	1	69.6	440	ug/Kg	10/21/25 17:02	PB170165
59-50-7	4-Chloro-3-methylphenol	230	U	1	38.3	230	ug/Kg	10/21/25 17:02	PB170165
91-57-6	2-Methylnaphthalene	230	U	1	34.2	230	ug/Kg	10/21/25 17:02	PB170165
77-47-4	Hexachlorocyclopentadiene	440	U	1	150	440	ug/Kg	10/21/25 17:02	PB170165
88-06-2	2,4,6-Trichlorophenol	230	U	1	26.4	230	ug/Kg	10/21/25 17:02	PB170165
95-95-4	2,4,5-Trichlorophenol	230	U	1	38.9	230	ug/Kg	10/21/25 17:02	PB170165
92-52-4	1,1-Biphenyl	230	U	1	29.1	230	ug/Kg	10/21/25 17:02	PB170165
91-58-7	2-Chloronaphthalene	230	U	1	30.1	230	ug/Kg	10/21/25 17:02	PB170165
88-74-4	2-Nitroaniline	230	U	1	64.2	230	ug/Kg	10/21/25 17:02	PB170165
131-11-3	Dimethylphthalate	230	U	1	36.2	230	ug/Kg	10/21/25 17:02	PB170165
208-96-8	Acenaphthylene	230	U	1	38.6	230	ug/Kg	10/21/25 17:02	PB170165
606-20-2	2,6-Dinitrotoluene	230	U	1	44.9	230	ug/Kg	10/21/25 17:02	PB170165
99-09-2	3-Nitroaniline	230	U	1	61.4	230	ug/Kg	10/21/25 17:02	PB170165
83-32-9	Acenaphthene	230	U	1	28.4	230	ug/Kg	10/21/25 17:02	PB170165
51-28-5	2,4-Dinitrophenol	440	U	1	310	440	ug/Kg	10/21/25 17:02	PB170165
100-02-7	4-Nitrophenol	440	U	1	140	440	ug/Kg	10/21/25 17:02	PB170165
132-64-9	Dibenzofuran	230	U	1	30.3	230	ug/Kg	10/21/25 17:02	PB170165
121-14-2	2,4-Dinitrotoluene	230	U	1	66.9	230	ug/Kg	10/21/25 17:02	PB170165
84-66-2	Diethylphthalate	230	U	1	37.8	230	ug/Kg	10/21/25 17:02	PB170165
7005-72-3	4-Chlorophenyl-phenylether	230	U	1	35.7	230	ug/Kg	10/21/25 17:02	PB170165
86-73-7	Fluorene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
100-01-6	4-Nitroaniline	230	U	1	85.7	230	ug/Kg	10/21/25 17:02	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	440	U	1	140	440	ug/Kg	10/21/25 17:02	PB170165



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S04-000013-20251016
Lab Sample ID: Q3375-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 74.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	230	U	1	43.9	230	ug/Kg	10/21/25 17:02	PB170165
101-55-3	4-Bromophenyl-phenylether	230	U	1	37.1	230	ug/Kg	10/21/25 17:02	PB170165
118-74-1	Hexachlorobenzene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
1912-24-9	Atrazine	230	U	1	45.4	230	ug/Kg	10/21/25 17:02	PB170165
87-86-5	Pentachlorophenol	440	U	1	68.5	440	ug/Kg	10/21/25 17:02	PB170165
85-01-8	Phenanthrene	230	U	1	27.9	230	ug/Kg	10/21/25 17:02	PB170165
120-12-7	Anthracene	230	U	1	44.5	230	ug/Kg	10/21/25 17:02	PB170165
86-74-8	Carbazole	230	U	1	41.7	230	ug/Kg	10/21/25 17:02	PB170165
84-74-2	Di-n-butylphthalate	230	U	1	64.0	230	ug/Kg	10/21/25 17:02	PB170165
206-44-0	Fluoranthene	230	U	1	40.1	230	ug/Kg	10/21/25 17:02	PB170165
129-00-0	Pyrene	230	U	1	48.1	230	ug/Kg	10/21/25 17:02	PB170165
85-68-7	Butylbenzylphthalate	230	U	1	95.4	230	ug/Kg	10/21/25 17:02	PB170165
91-94-1	3,3-Dichlorobenzidine	440	U	1	49.0	440	ug/Kg	10/21/25 17:02	PB170165
56-55-3	Benzo(a)anthracene	230	U	1	30.7	230	ug/Kg	10/21/25 17:02	PB170165
218-01-9	Chrysene	230	U	1	26.6	230	ug/Kg	10/21/25 17:02	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	1	79.1	230	ug/Kg	10/21/25 17:02	PB170165
117-84-0	Di-n-octyl phthalate	440	U	1	120	440	ug/Kg	10/21/25 17:02	PB170165
205-99-2	Benzo(b)fluoranthene	230	U	1	25.4	230	ug/Kg	10/21/25 17:02	PB170165
207-08-9	Benzo(k)fluoranthene	230	U	1	29.9	230	ug/Kg	10/21/25 17:02	PB170165
50-32-8	Benzo(a)pyrene	230	U	1	39.4	230	ug/Kg	10/21/25 17:02	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	1	38.9	230	ug/Kg	10/21/25 17:02	PB170165
53-70-3	Dibenzo(a,h)anthracene	230	U	1	36.6	230	ug/Kg	10/21/25 17:02	PB170165
191-24-2	Benzo(g,h,i)perylene	230	U	1	34.3	230	ug/Kg	10/21/25 17:02	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	1	34.2	230	ug/Kg	10/21/25 17:02	PB170165
123-91-1	1,4-Dioxane	230	U	1	60.4	230	ug/Kg	10/21/25 17:02	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1	36.6	230	ug/Kg	10/21/25 17:02	PB170165

SURROGATES

367-12-4	2-Fluorophenol	87.8		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	85.8		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.3		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.2		20 - 109	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.9		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	44.1		10 - 105	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	117000
1146-65-2	Naphthalene-d8	420000
15067-26-2	Acenaphthene-d10	202000
1517-22-2	Phenanthrene-d10	309000
1719-03-5	Chrysene-d12	254000
1520-96-3	Perylene-d12	319000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	390	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	250	J	11.9	ug/Kg

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S04-000013-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	74.7
Sample Wt/Vol:	30.07 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
959218-78-1	Pentafluoropropionic acid, heptade	220	J			13.9	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Time: Oct 21 17:21:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	116615	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	420206	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	202155	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	308753	20.000	ng	0.00
76) Chrysene-d12	14.057	240	254161	20.000	ng	-0.01
86) Perylene-d12	15.545	264	318784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	644522	87.767	ng	0.00
7) Phenol-d6	6.504	99	751068	85.805	ng	-0.01
23) Nitrobenzene-d5	7.440	82	423850	61.282	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	160958	79.939	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	780028	61.225	ng	-0.01
79) Terphenyl-d14	12.998	244	655600	44.085	ng	-0.01

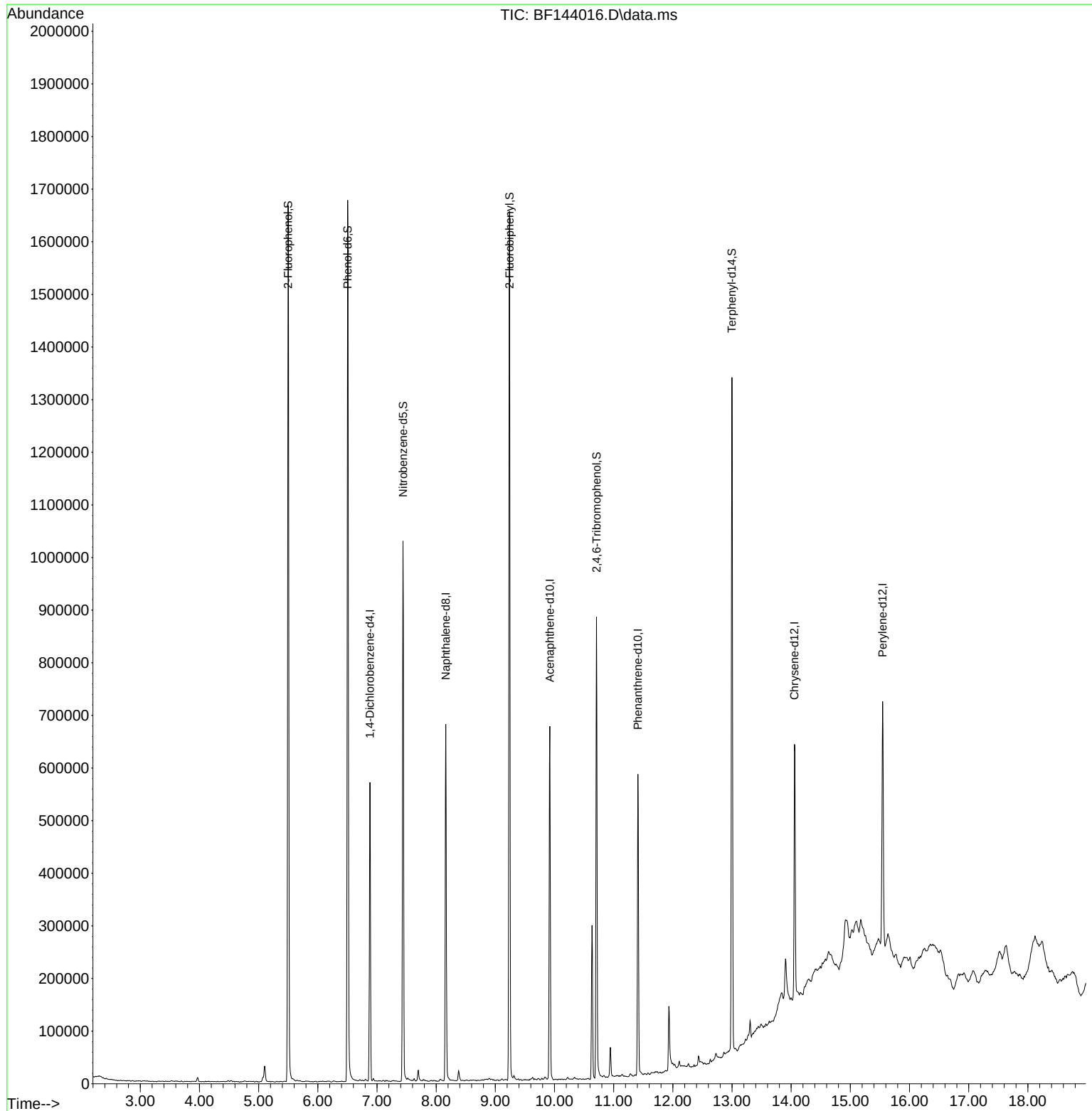
Target Compounds	Qvalue

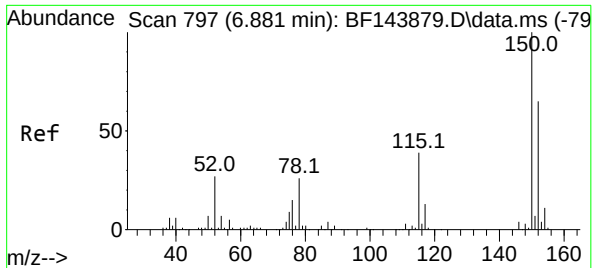
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Time: Oct 21 17:21:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

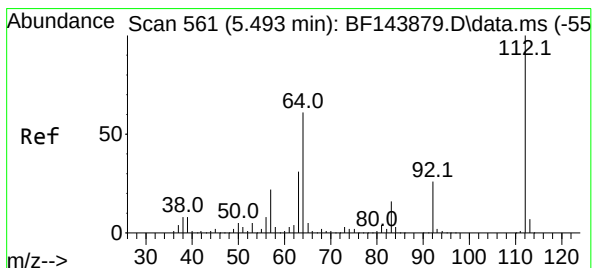
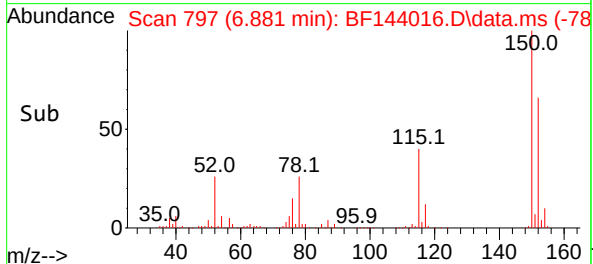
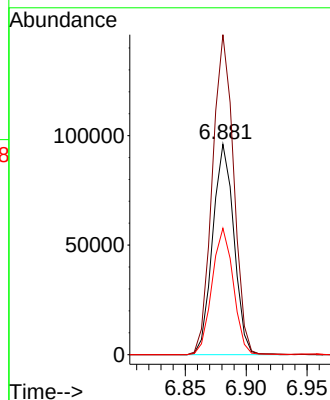
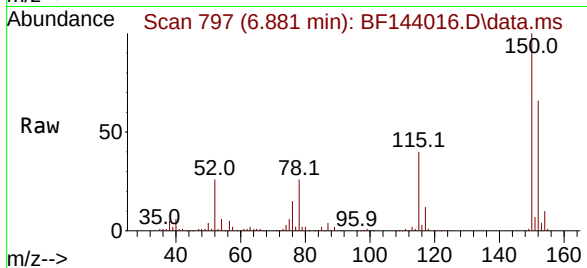




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

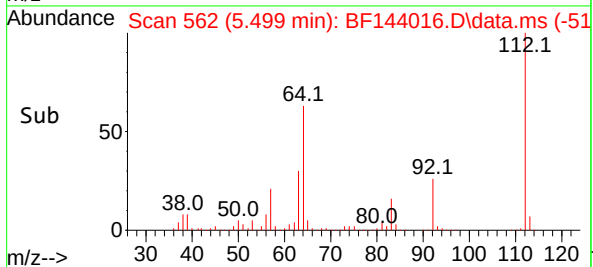
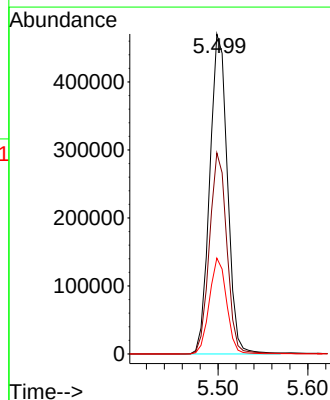
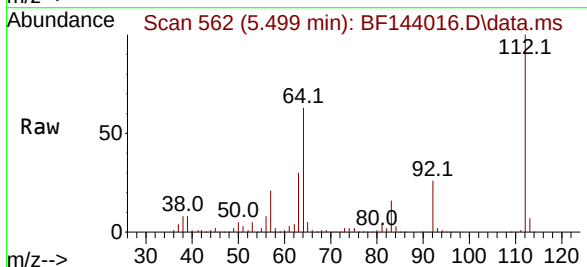
Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

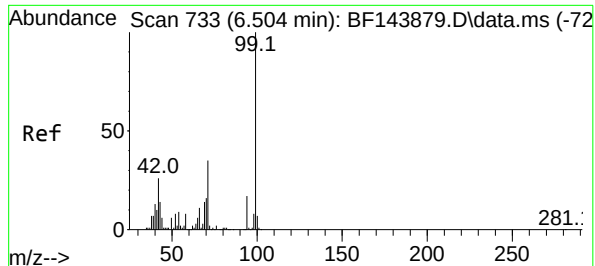
Tgt Ion:152 Resp: 116615
Ion Ratio Lower Upper
152 100
150 152.1 124.4 186.6
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 87.767 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:112 Resp: 644522
Ion Ratio Lower Upper
112 100
64 62.9 49.1 73.7
63 29.9 24.5 36.7

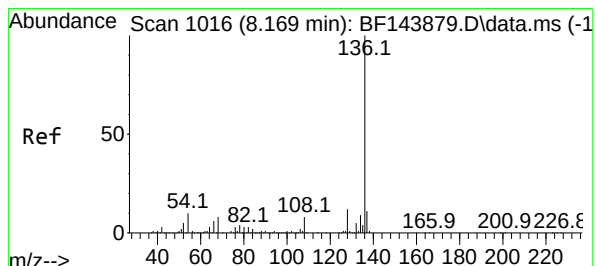
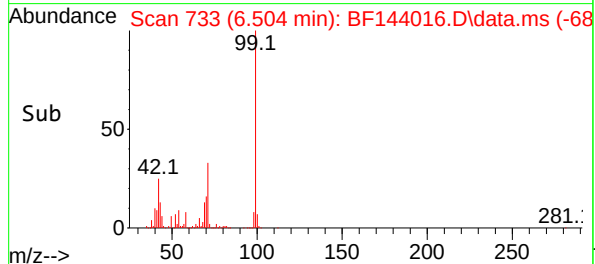
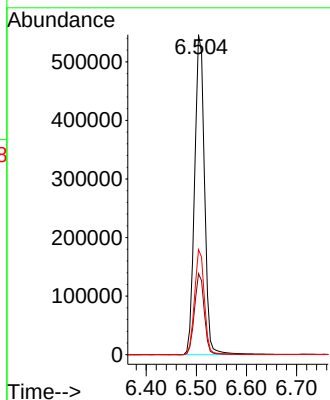
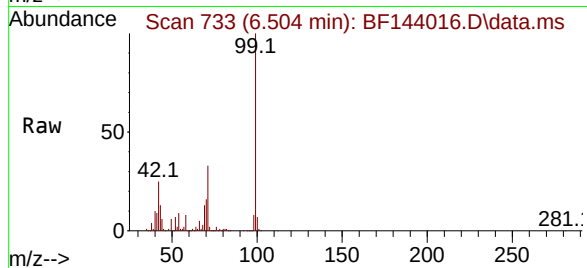




#7
Phenol-d6
Concen: 85.805 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

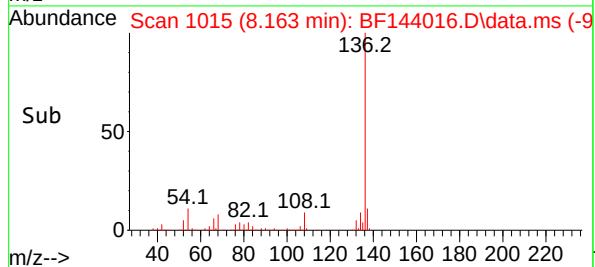
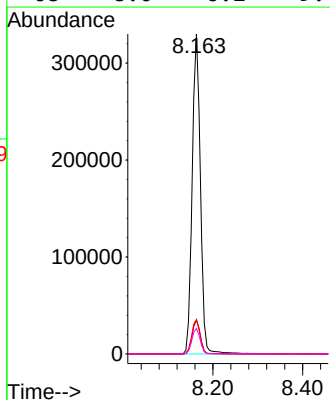
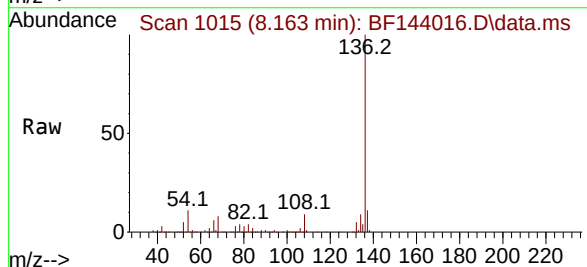
Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

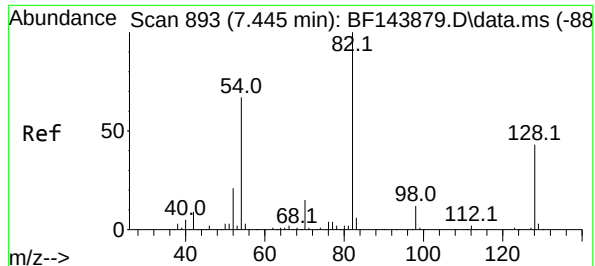
Tgt Ion:	99	Resp:	751068
Ion	Ratio	Lower	Upper
99	100		
42	25.3	21.0	31.4
71	32.8	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:	136	Resp:	420206
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.8	8.2	12.4
68	8.0	6.2	9.4





#23

Nitrobenzene-d5

Concen: 61.282 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-S04-000013-20251016

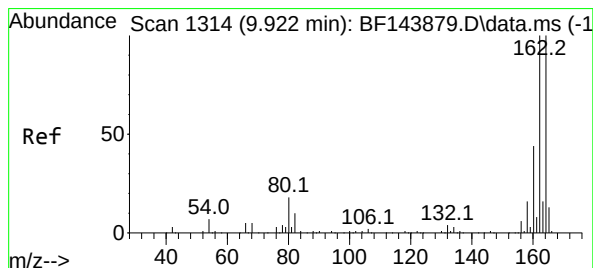
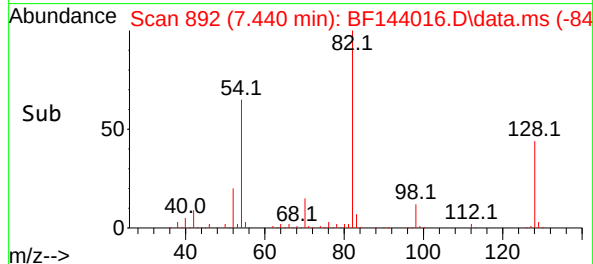
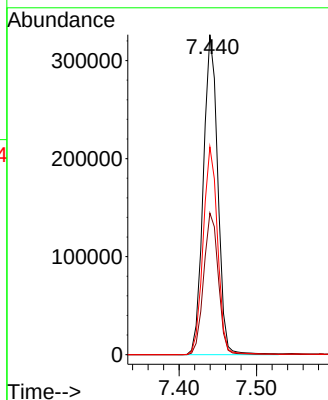
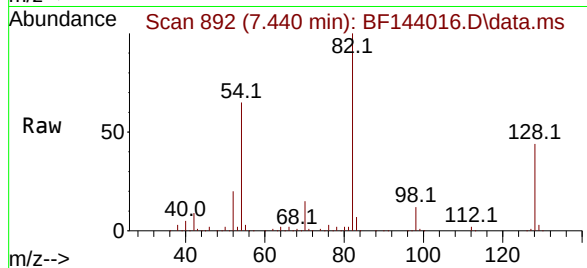
Tgt Ion: 82 Resp: 423850

Ion Ratio Lower Upper

82 100

128 44.2 34.0 51.0

54 65.0 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

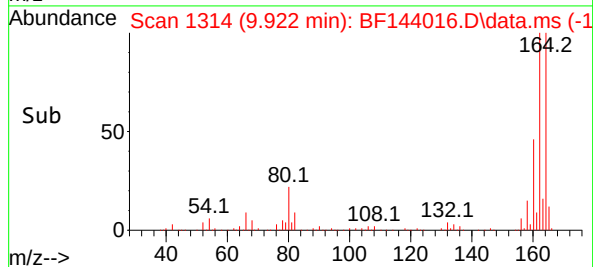
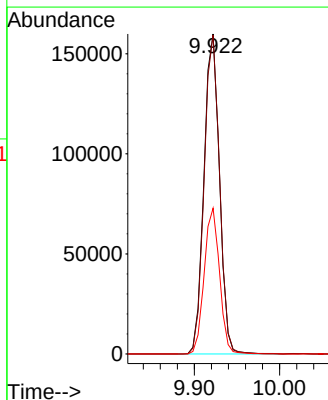
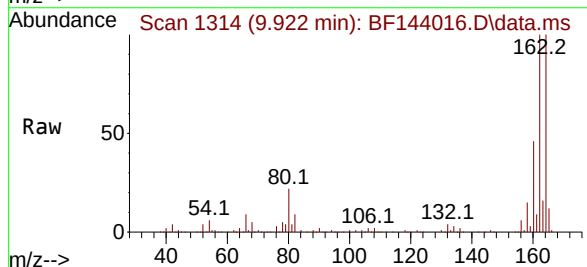
Tgt Ion: 164 Resp: 202155

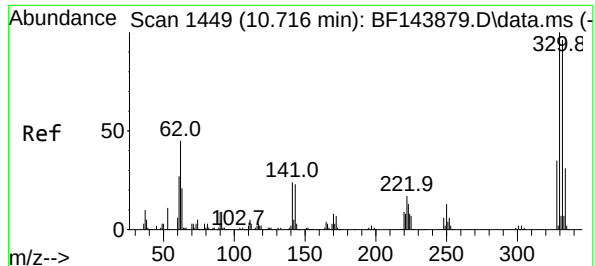
Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.939 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-S04-000013-20251016

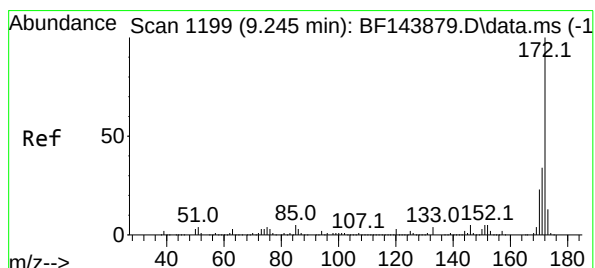
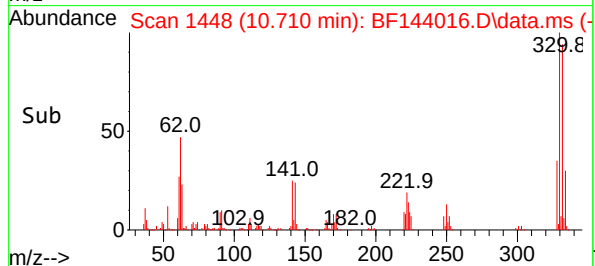
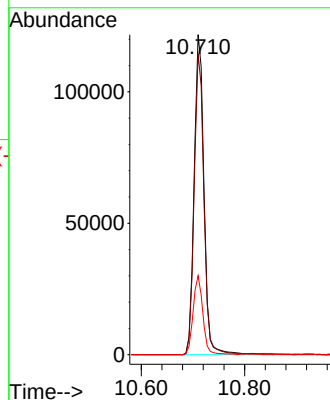
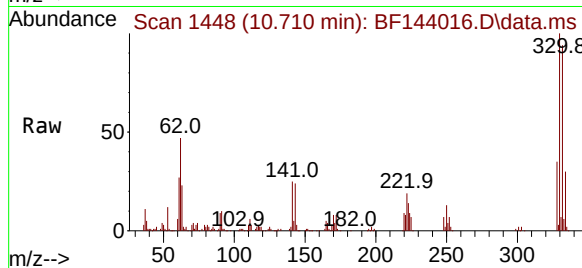
Tgt Ion:330 Resp: 160958

Ion Ratio Lower Upper

330 100

332 93.0 76.9 115.3

141 24.4 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 61.225 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

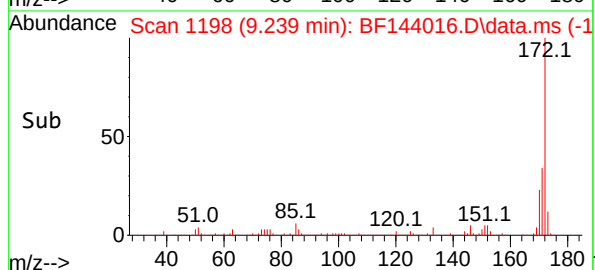
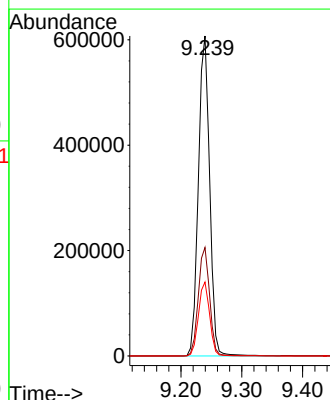
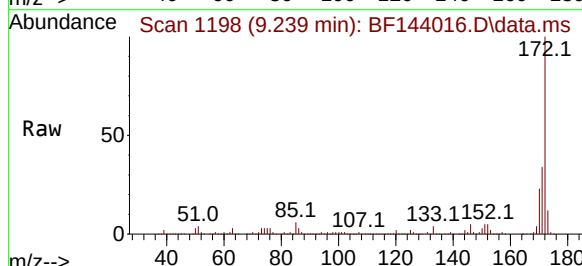
Tgt Ion:172 Resp: 780028

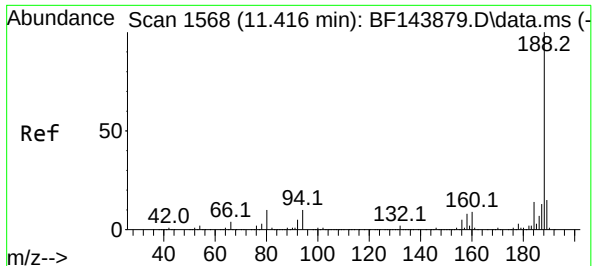
Ion Ratio Lower Upper

172 100

171 33.9 27.4 41.0

170 23.1 18.6 28.0

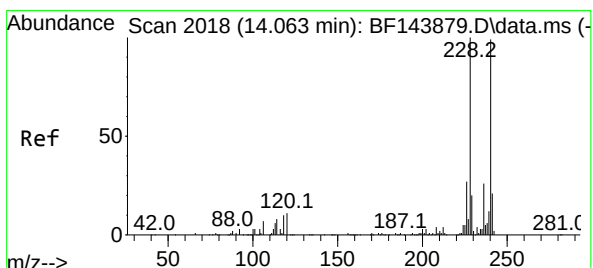
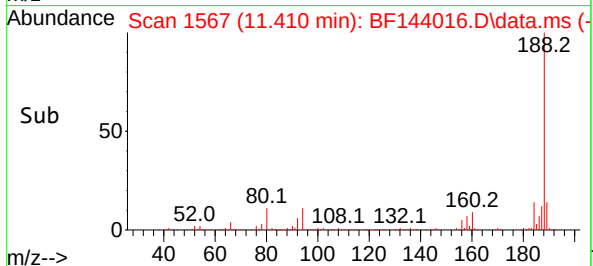
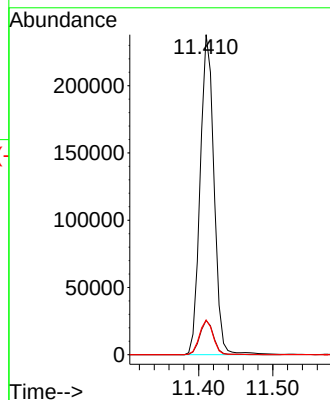
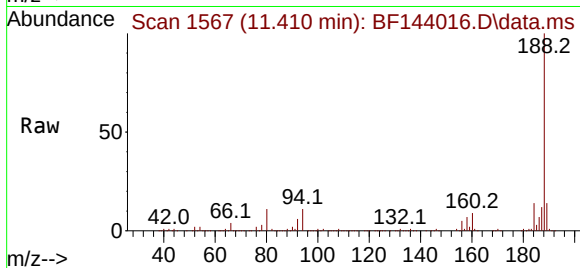




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

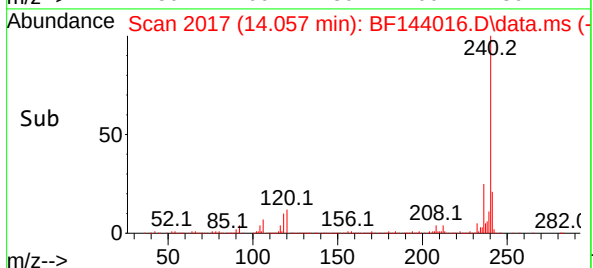
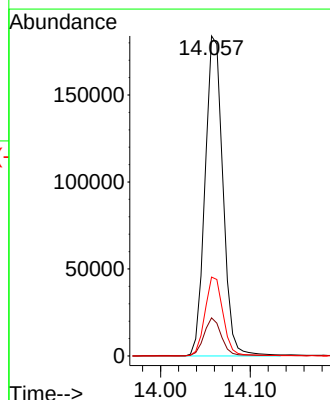
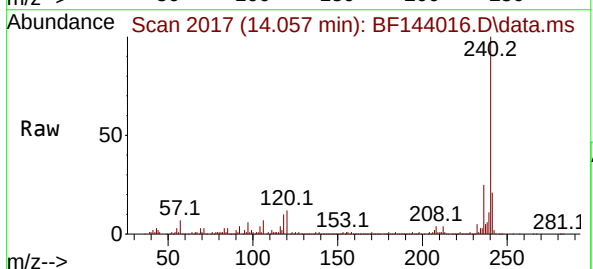
Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

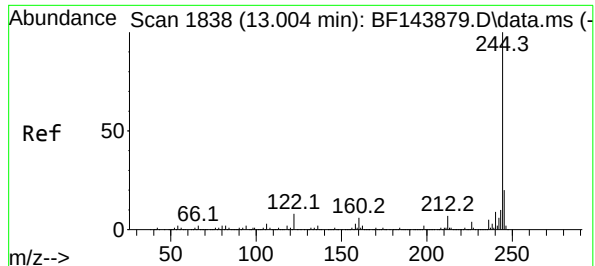
Tgt Ion:188 Resp: 308753
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:240 Resp: 254161
Ion Ratio Lower Upper
240 100
120 11.9 8.6 13.0
236 24.7 21.1 31.7





#79

Terphenyl-d14

Concen: 44.085 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-S04-000013-20251016

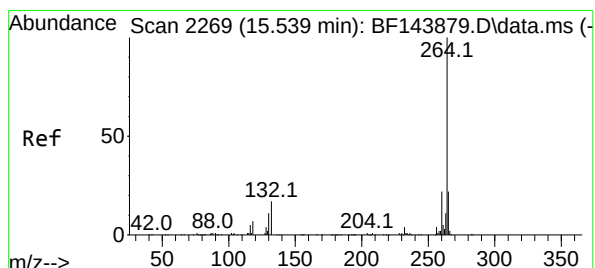
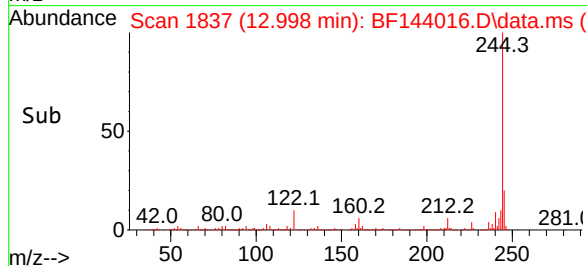
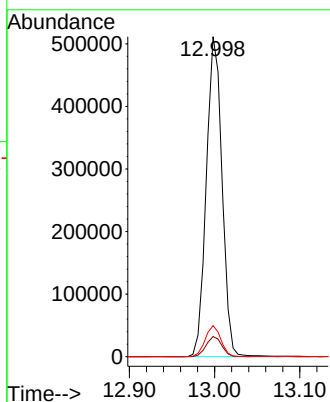
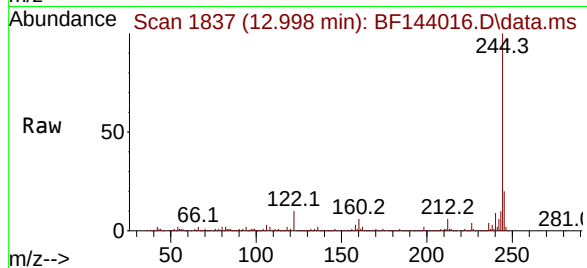
Tgt Ion:244 Resp: 655600

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.7 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

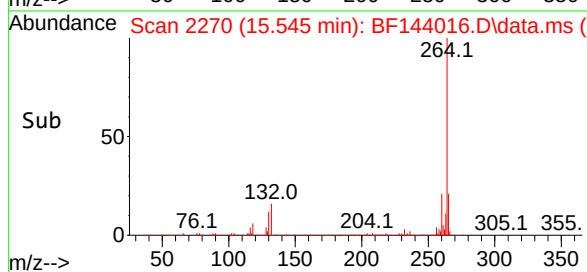
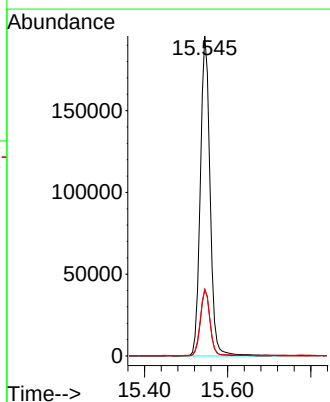
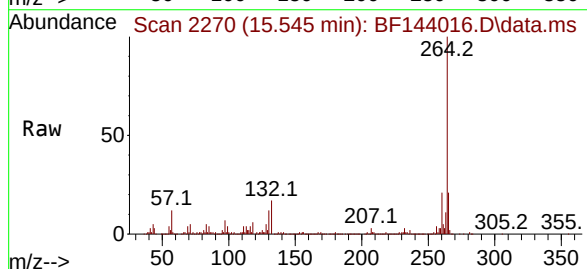
Tgt Ion:264 Resp: 318784

Ion Ratio Lower Upper

264 100

260 20.7 17.8 26.8

265 20.8 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	490	495	503	rVB	28982	49342	2.12%	0.302%
2	5.499	556	562	574	rBV	1664987	2250648	96.81%	13.753%
3	6.504	727	733	755	rBV	1674607	2324734	100.00%	14.205%
4	6.881	792	797	802	rBV	567448	688712	29.63%	4.208%
5	7.440	886	892	903	rBV	1026548	1337715	57.54%	8.174%
6	7.698	928	936	948	rBV	20589	34779	1.50%	0.213%
7	8.163	1010	1015	1027	rBV	676971	857206	36.87%	5.238%
8	8.381	1046	1052	1059	rBV	18641	28590	1.23%	0.175%
9	9.239	1192	1198	1208	rBV	1651570	2130573	91.65%	13.019%
10	9.922	1308	1314	1325	rVB	671906	857966	36.91%	5.243%
11	10.634	1430	1435	1443	rBV	292997	371645	15.99%	2.271%
12	10.710	1443	1448	1465	rVV	876678	1156574	49.75%	7.067%
13	10.945	1481	1488	1493	rBV	56901	78163	3.36%	0.478%
14	11.410	1562	1567	1582	rBV	572547	753761	32.42%	4.606%
15	11.933	1652	1656	1665	rBV	121973	210145	9.04%	1.284%
16	12.998	1832	1837	1845	rVB	1276048	1621151	69.73%	9.906%
17	13.304	1887	1889	1893	rVB3	30668	33881	1.46%	0.207%
18	13.904	1988	1991	2004	rVB2	77460	167985	7.23%	1.026%
19	14.057	2013	2017	2031	rBV	479087	683442	29.40%	4.176%
20	15.545	2265	2270	2277	rVB	464713	728262	31.33%	4.450%

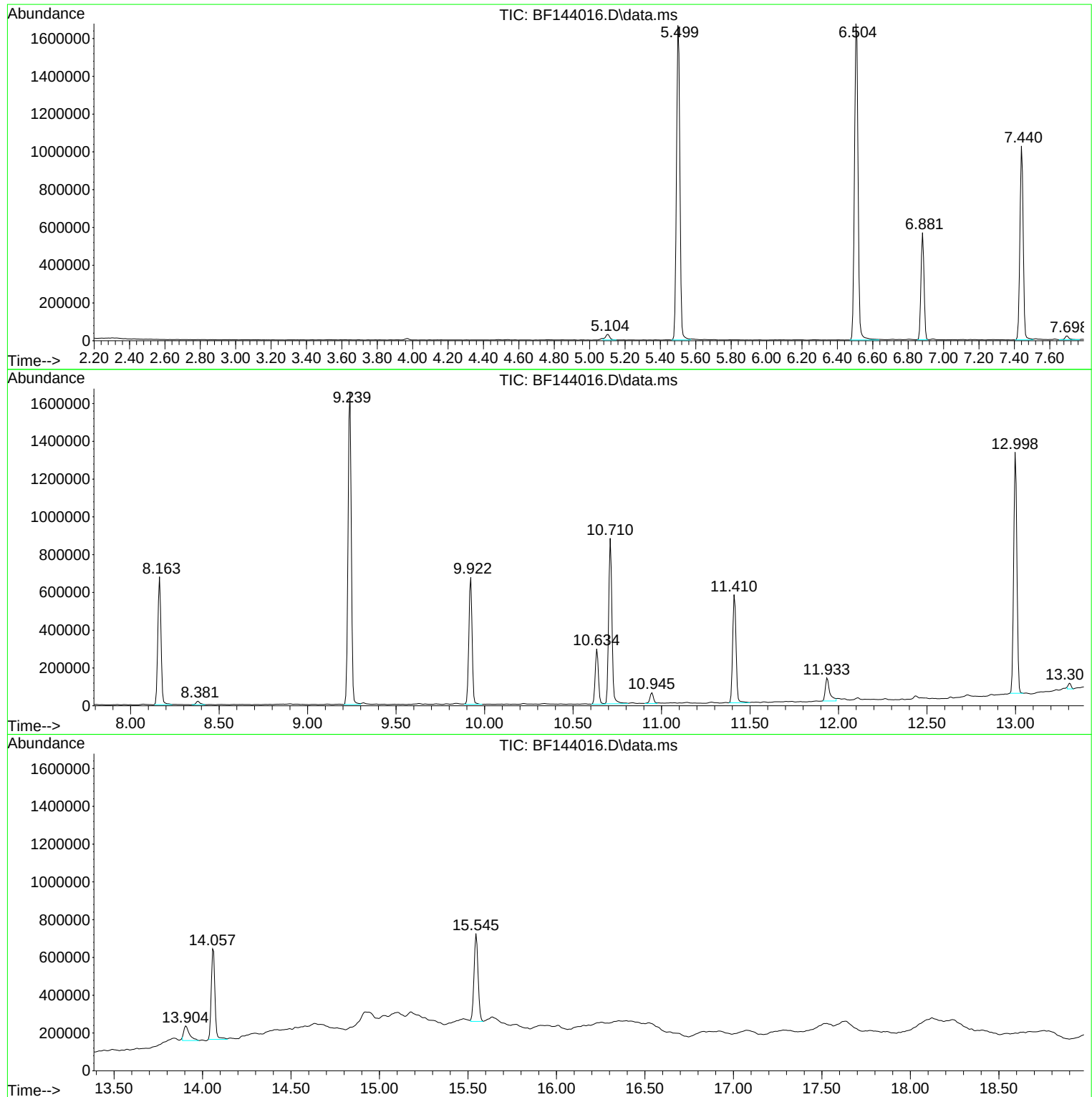
Sum of corrected areas: 16365274

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

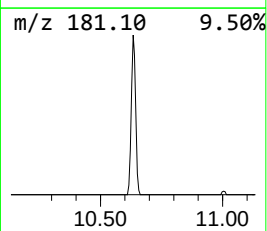
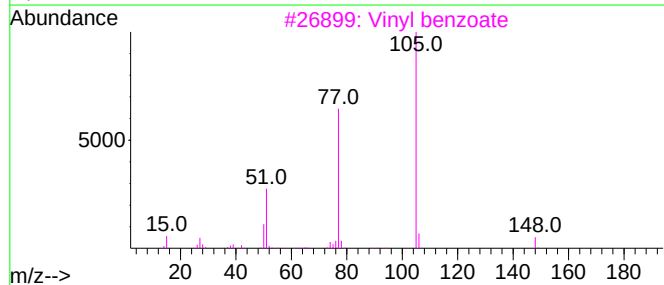
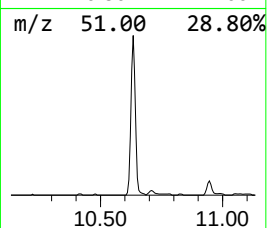
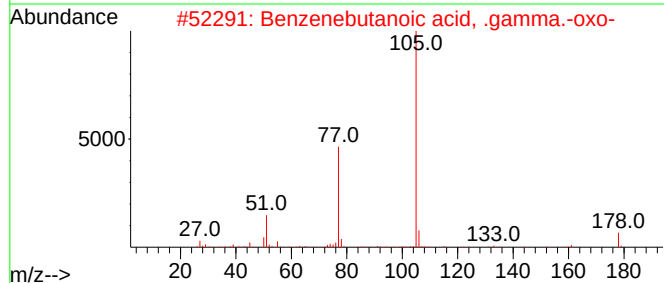
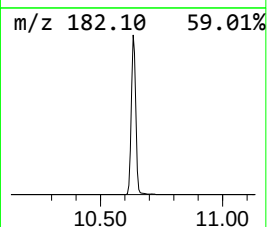
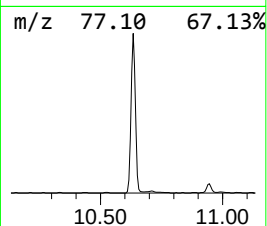
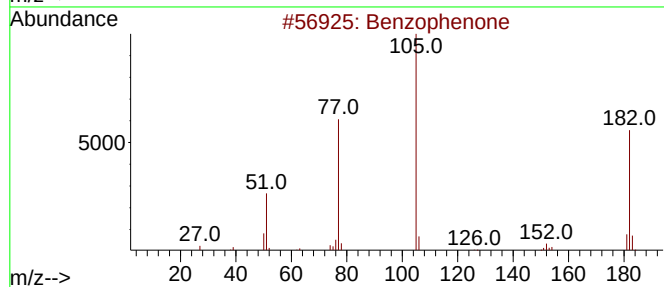
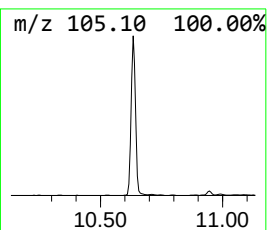
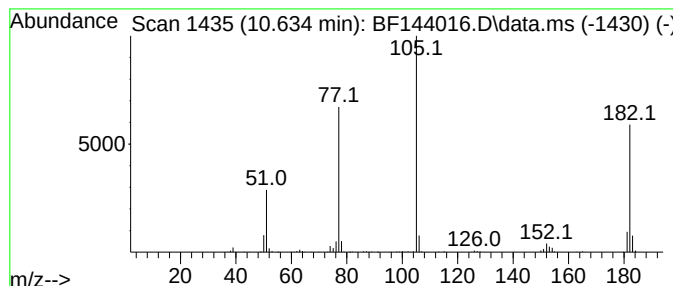
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	8.66 ng	371645	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	47
5			Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

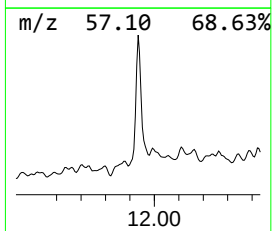
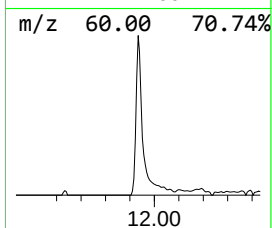
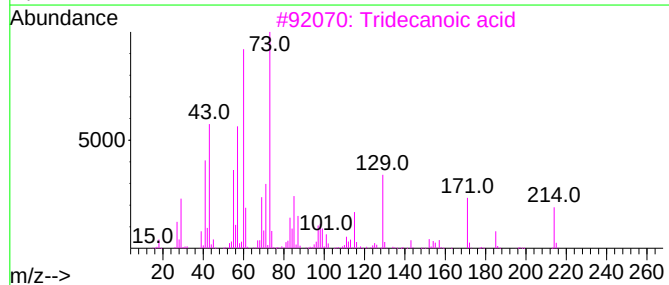
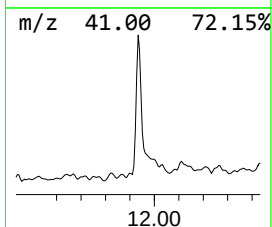
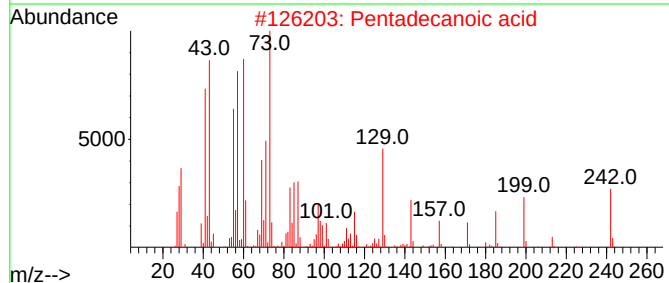
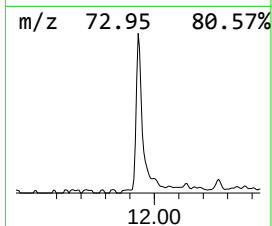
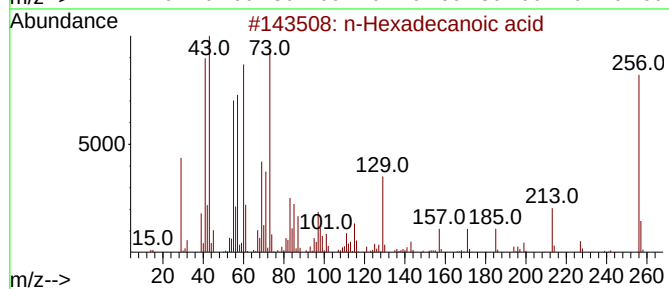
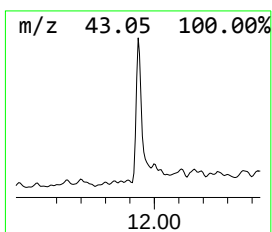
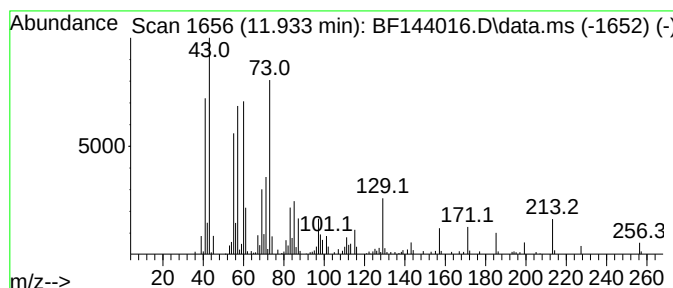
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.58 ng	210145	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

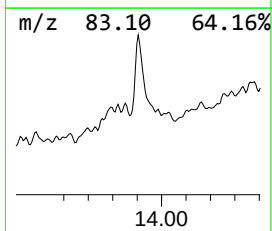
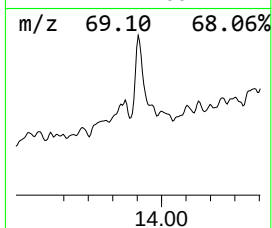
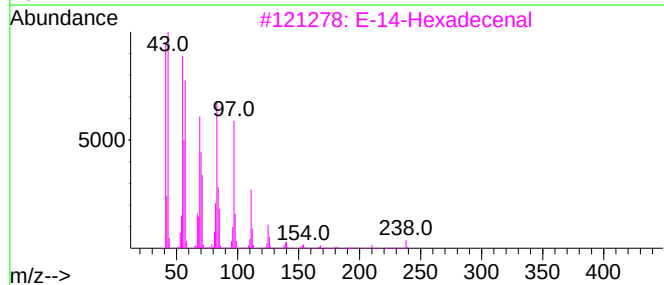
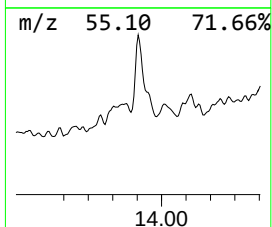
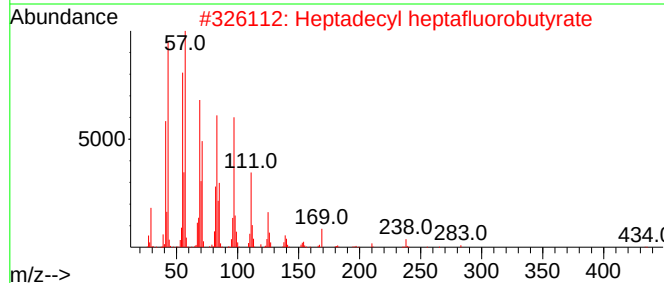
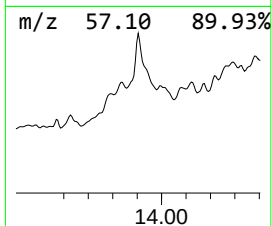
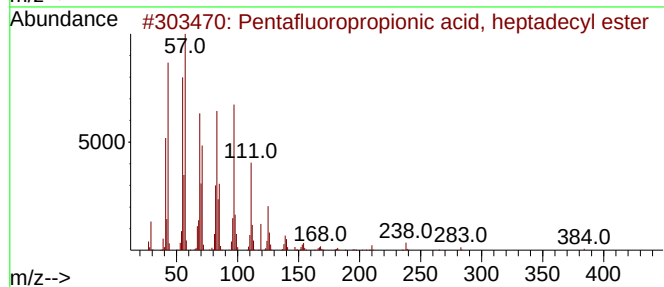
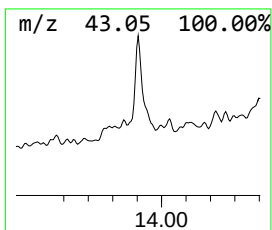
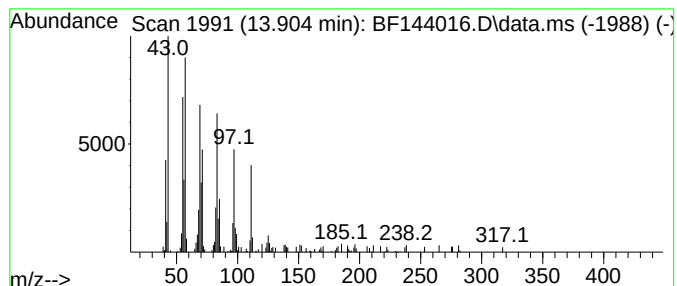
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.92 ng	167985	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
3			E-14-Hexadecenal	238	C16H30O	330207-53-9	86
4			17-Pentatriacontene	491	C35H70	006971-40-0	83
5			1-Tetracosene	336	C24H48	010192-32-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.634	8.7	ng	371645	3	9.922	857966	20.0
n-Hexadecanoic ...	11.933	5.6	ng	210145	4	11.410	753761	20.0
Pentafluoroprop...	13.904	4.9	ng	167985	5	14.057	683442	20.0

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S05-000057-20251016
 Lab Sample ID: Q3375-03
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 66.7
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 17:31	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 17:31	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 17:31	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 17:31	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 17:31	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.2	250	ug/Kg	10/21/25 17:31	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 17:31	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.6	490	ug/Kg	10/21/25 17:31	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 17:31	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 17:31	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 17:31	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 17:31	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.2	250	ug/Kg	10/21/25 17:31	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.1	250	ug/Kg	10/21/25 17:31	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 17:31	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 17:31	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 17:31	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 17:31	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 17:31	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 17:31	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 17:31	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 17:31	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.7	250	ug/Kg	10/21/25 17:31	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 17:31	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.7	250	ug/Kg	10/21/25 17:31	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 17:31	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 17:31	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 17:31	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 17:31	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 17:31	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 17:31	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 17:31	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 17:31	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 17:31	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 17:31	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 17:31	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 17:31	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 17:31	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.2	250	ug/Kg	10/21/25 17:31	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 17:31	PB170165



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-000057-20251016
Lab Sample ID: Q3375-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	49.3	250	ug/Kg	10/21/25 17:31	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 17:31	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 17:31	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 17:31	PB170165
85-01-8	Phenanthrene	250	U	1	31.3	250	ug/Kg	10/21/25 17:31	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 17:31	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 17:31	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 17:31	PB170165
206-44-0	Fluoranthene	250	U	1	44.9	250	ug/Kg	10/21/25 17:31	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 17:31	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 17:31	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	55.0	490	ug/Kg	10/21/25 17:31	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 17:31	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 17:31	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	88.7	250	ug/Kg	10/21/25 17:31	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 17:31	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.5	250	ug/Kg	10/21/25 17:31	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 17:31	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 17:31	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 17:31	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 17:31	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 17:31	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 17:31	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 17:31	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 17:31	PB170165

SURROGATES

367-12-4	2-Fluorophenol	59.8		18 - 112	40%	SPK: 150
13127-88-3	Phenol-d6	57.6		15 - 107	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.5		18 - 107	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.8		20 - 109	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	47.6		10 - 116	32%	SPK: 150
1718-51-0	Terphenyl-d14	23.4		10 - 105	23%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	112000
1146-65-2	Naphthalene-d8	395000
15067-26-2	Acenaphthene-d10	187000
1517-22-2	Phenanthrene-d10	280000
1719-03-5	Chrysene-d12	258000
1520-96-3	Perylene-d12	325000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	220	J	10.6	ug/Kg
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Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S05-000057-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.7
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Time: Oct 21 17:51:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	111644	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	395479	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	186629	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	279883	20.000	ng	0.00
76) Chrysene-d12	14.057	240	258346	20.000	ng	-0.01
86) Perylene-d12	15.545	264	324753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	420283	59.780	ng	0.00
7) Phenol-d6	6.504	99	482723	57.604	ng	-0.01
23) Nitrobenzene-d5	7.440	82	263431	40.469	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	88473	47.595	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	432755	36.793	ng	-0.01
79) Terphenyl-d14	12.998	244	354121	23.427	ng	-0.01

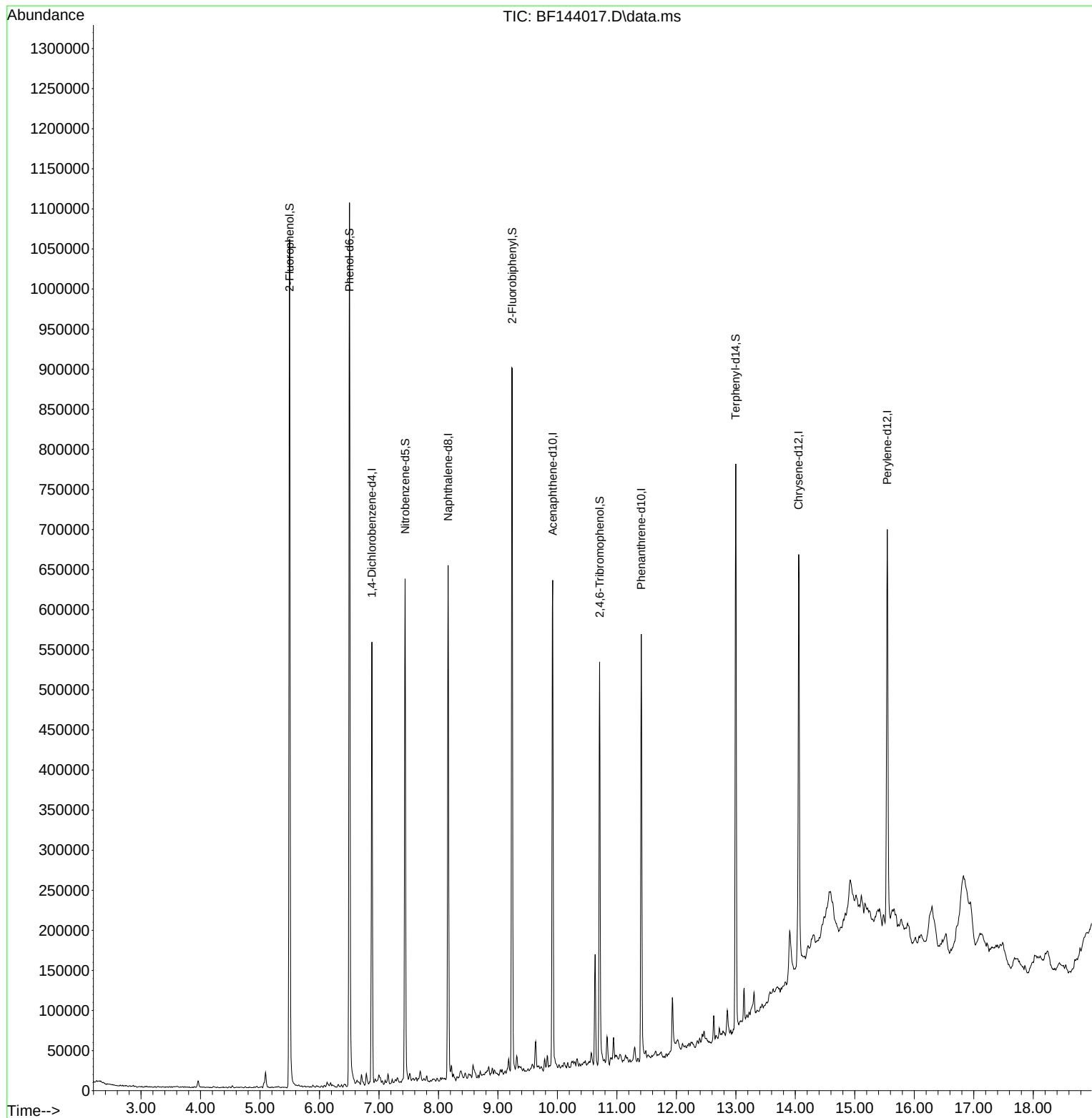
Target Compounds	Qvalue

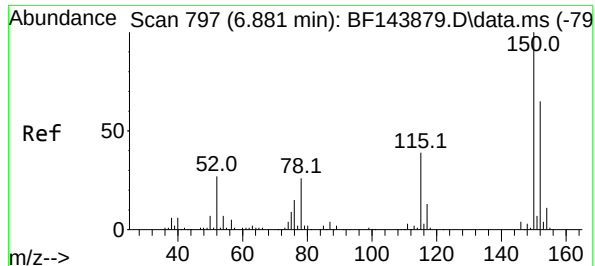
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Time: Oct 21 17:51:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

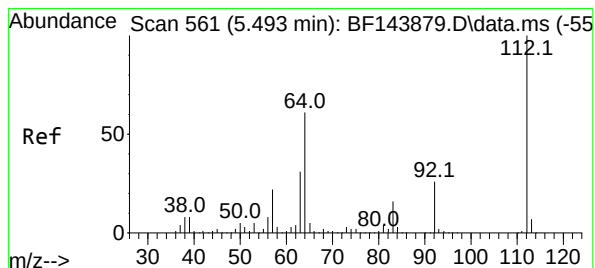
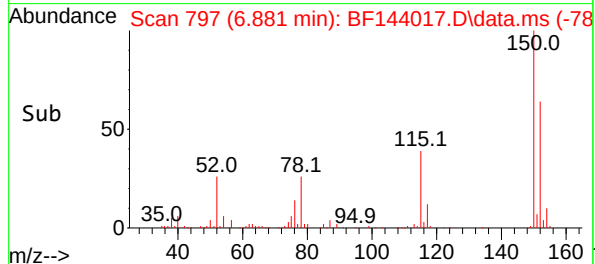
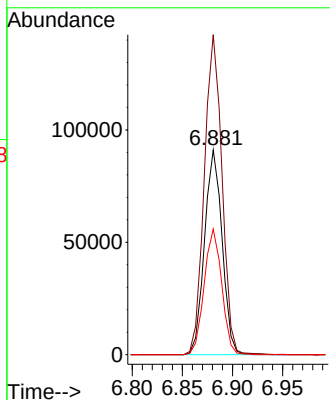
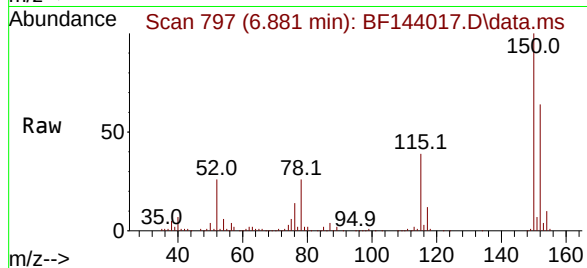




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

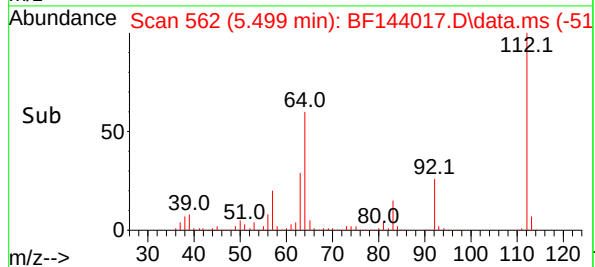
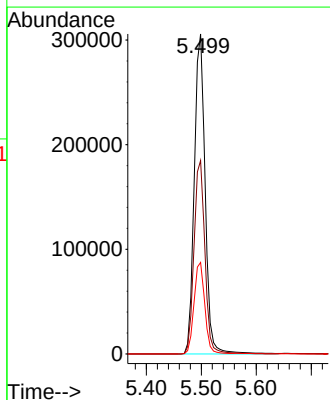
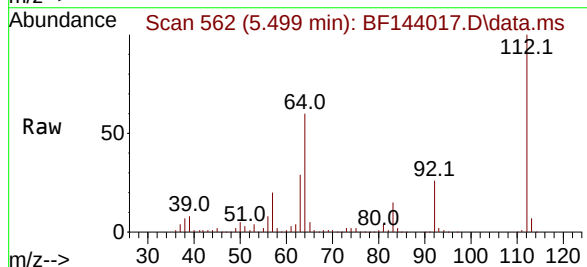
Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

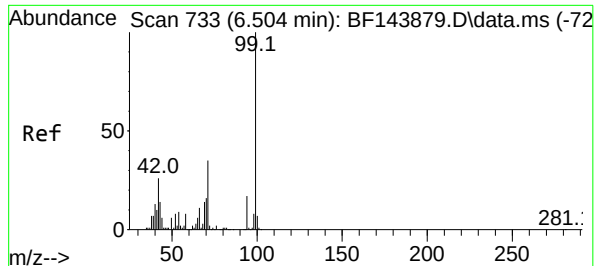
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.4	186.6
115	61.4	48.1	72.1



#5
2-Fluorophenol
Concen: 59.780 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.1	73.7
63	28.6	24.5	36.7

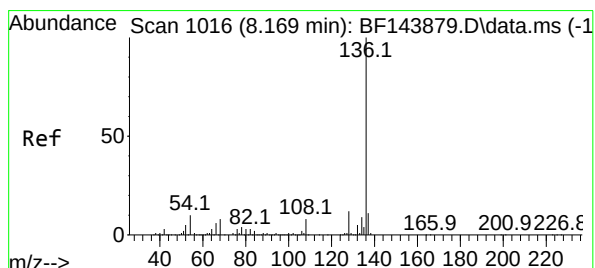
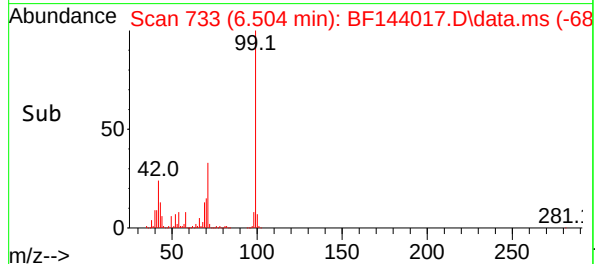
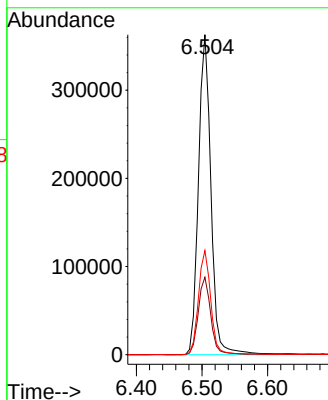
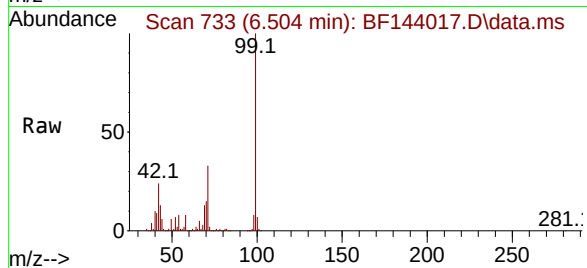




#7
Phenol-d6
Concen: 57.604 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

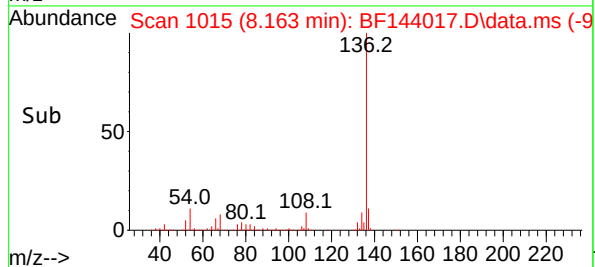
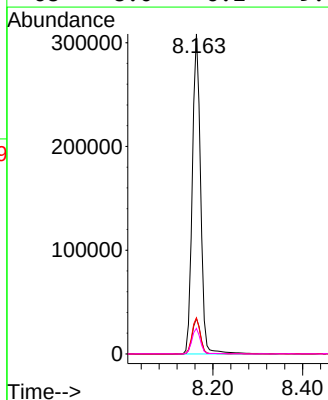
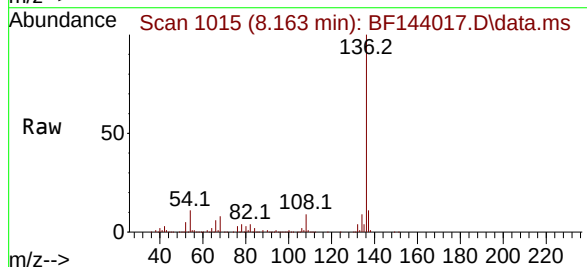
Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

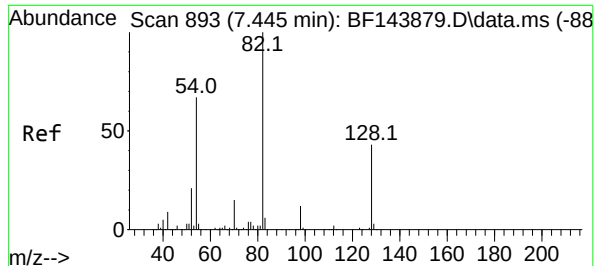
Tgt Ion: 99 Resp: 482723
Ion Ratio Lower Upper
99 100
42 24.2 21.0 31.4
71 32.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144017.D
Acq: 21 Oct 2025 17:31

Tgt Ion: 136 Resp: 395479
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.3 8.2 12.4
68 8.0 6.2 9.4





#23

Nitrobenzene-d5

Concen: 40.469 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA_F

ClientSampleId :

PR132-S05-000057-20251016

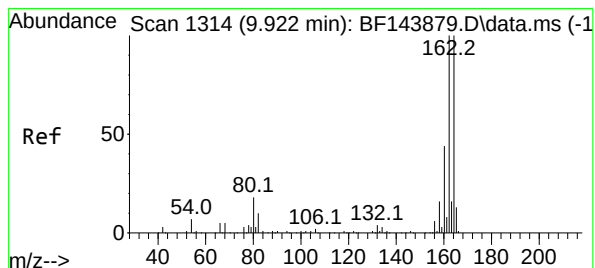
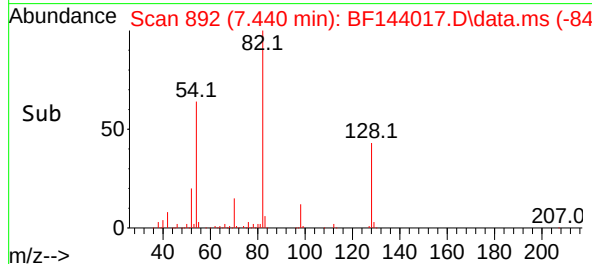
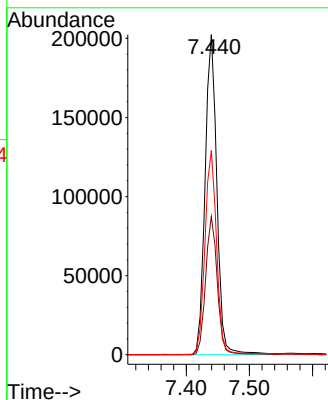
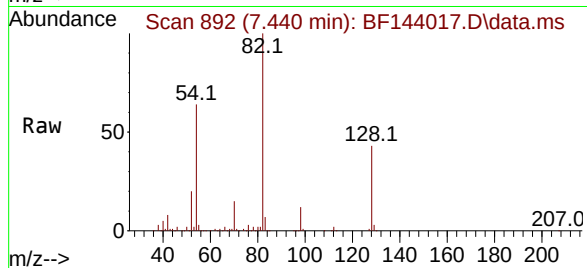
Tgt Ion: 82 Resp: 263431

Ion Ratio Lower Upper

82 100

128 43.2 34.0 51.0

54 63.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

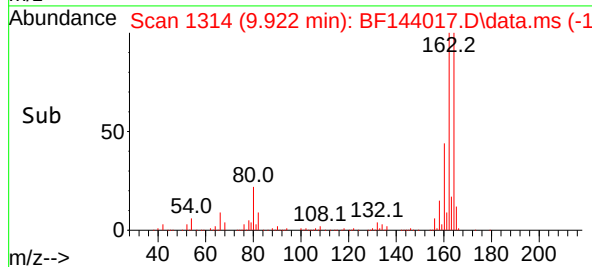
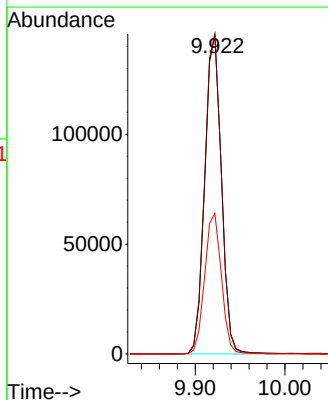
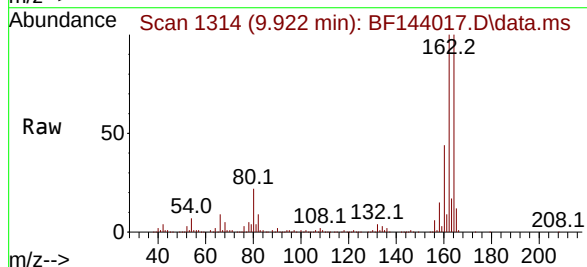
Tgt Ion: 164 Resp: 186629

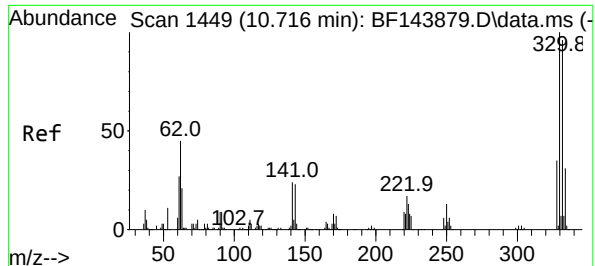
Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 47.595 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA_F

ClientSampleId :

PR132-S05-000057-20251016

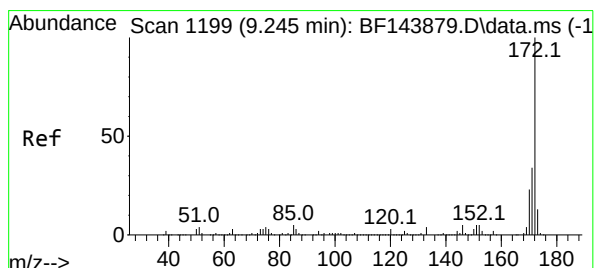
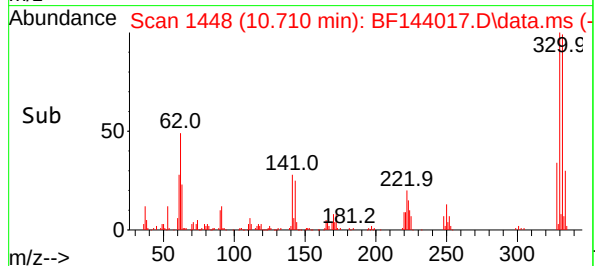
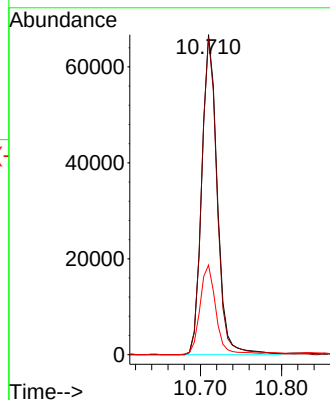
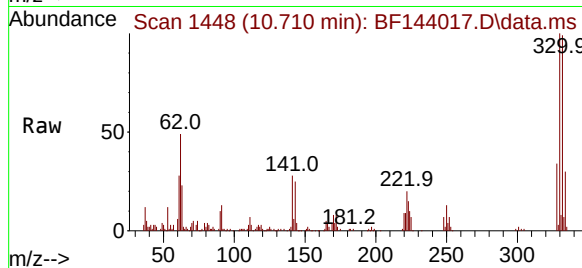
Tgt Ion:330 Resp: 88473

Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 28.9 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 36.793 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

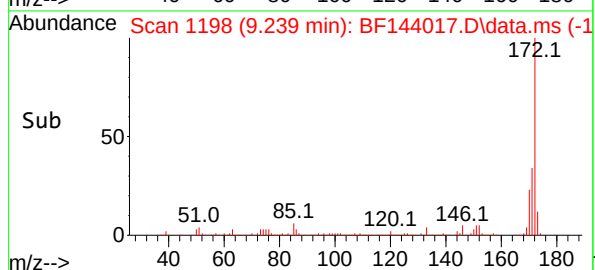
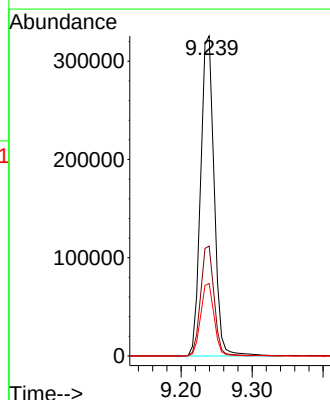
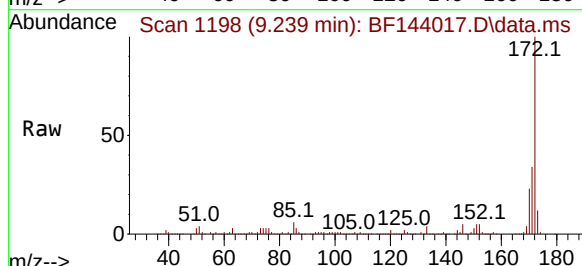
Tgt Ion:172 Resp: 432755

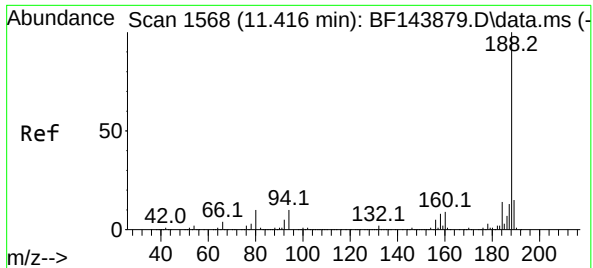
Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 22.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA_F

ClientSampleId :

PR132-S05-000057-20251016

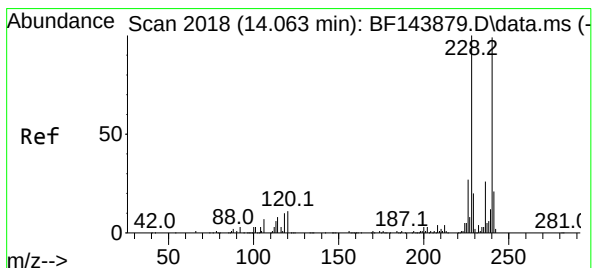
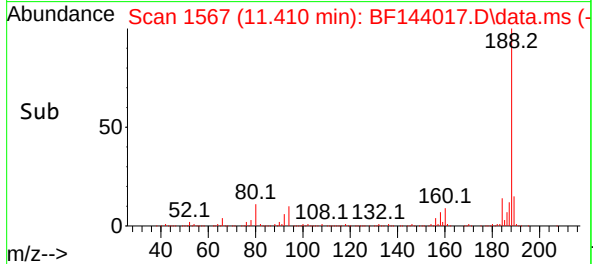
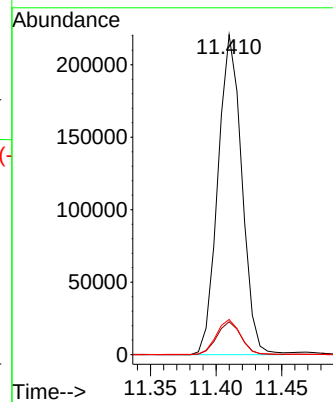
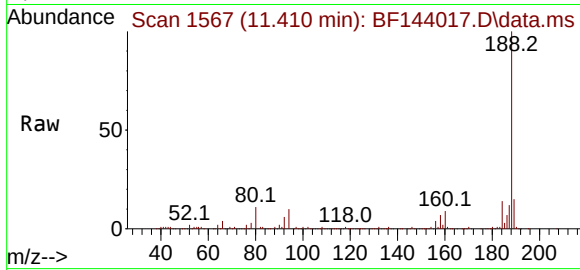
Tgt Ion:188 Resp: 279883

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 11.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

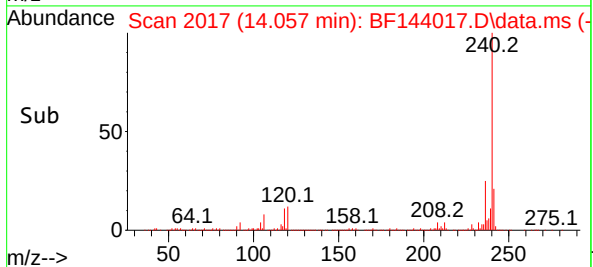
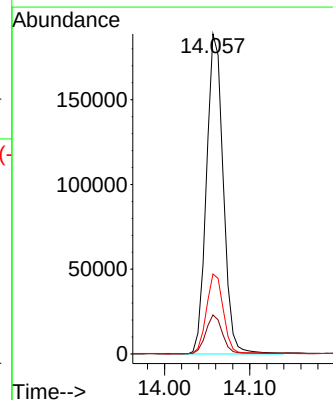
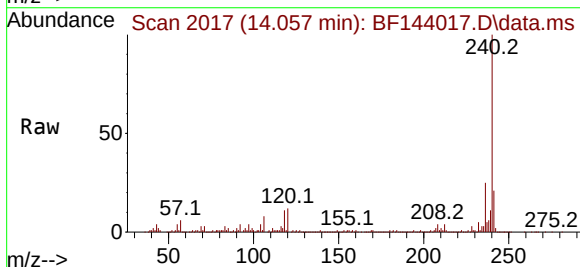
Tgt Ion:240 Resp: 258346

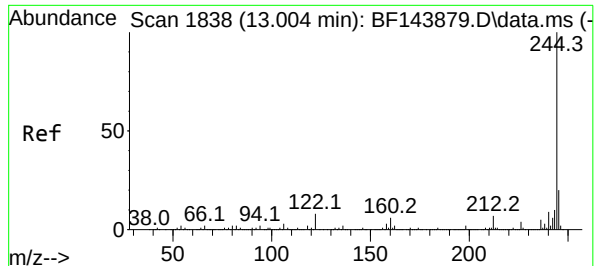
Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

236 25.0 21.1 31.7





#79

Terphenyl-d14

Concen: 23.427 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA_F

ClientSampleId :

PR132-S05-000057-20251016

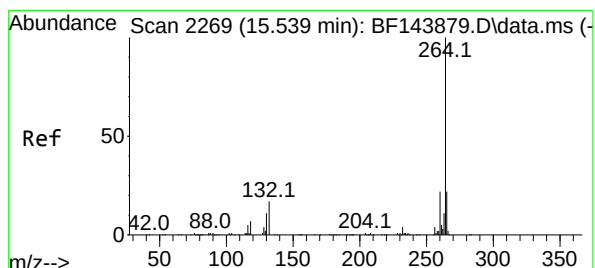
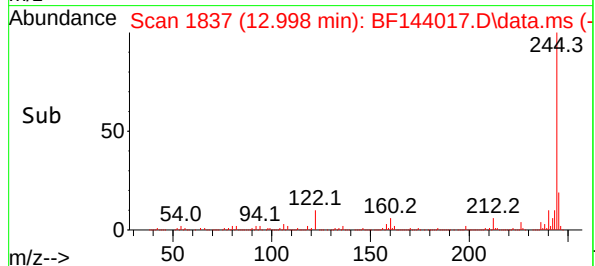
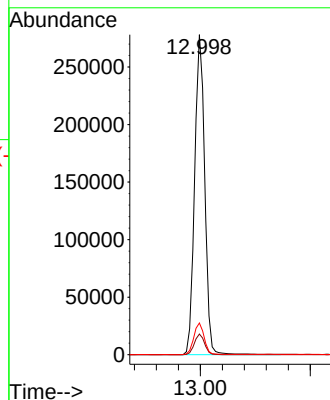
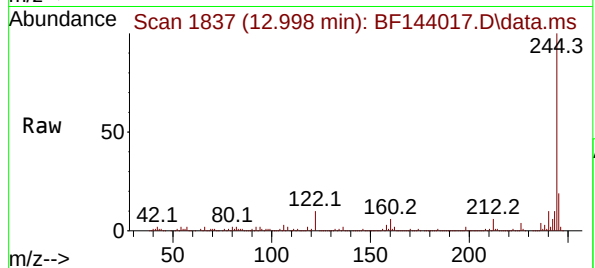
Tgt Ion:244 Resp: 354121

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.9 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

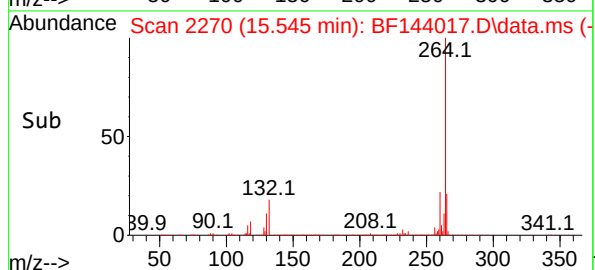
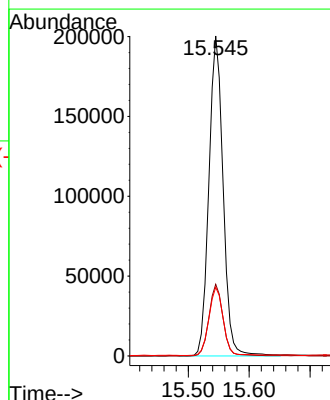
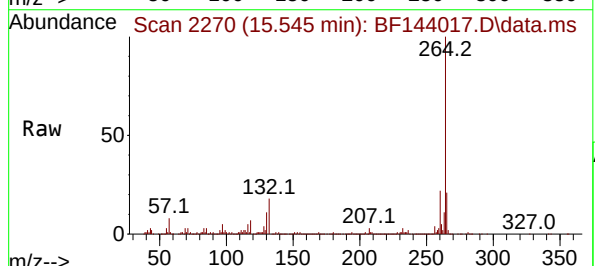
Tgt Ion:264 Resp: 324753

Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 21.4 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	489	493	499	rVB	18228	27997	1.88%	0.234%
2	5.499	556	562	579	rBV	1057198	1453570	97.48%	12.130%
3	6.504	727	733	749	rBV	1102218	1491119	100.00%	12.444%
4	6.704	764	767	772	rBV	11973	18466	1.24%	0.154%
5	6.787	776	781	788	rBV2	14465	25331	1.70%	0.211%
6	6.881	792	797	803	rVB	549609	674872	45.26%	5.632%
7	6.998	814	817	824	rVB	9293	19911	1.34%	0.166%
8	7.151	839	843	848	rVB2	12264	17376	1.17%	0.145%
9	7.440	887	892	901	rVV	624389	800396	53.68%	6.679%
10	7.693	931	935	941	rVB4	11606	19743	1.32%	0.165%
11	8.163	1009	1015	1021	rBV	641114	815223	54.67%	6.803%
12	8.216	1022	1024	1028	rVV	17900	23791	1.60%	0.199%
13	8.381	1046	1052	1059	rVV9	8706	20125	1.35%	0.168%
14	8.581	1082	1086	1098	rVB2	16041	37509	2.52%	0.313%
15	9.181	1181	1188	1192	rBV	17433	30382	2.04%	0.254%
16	9.234	1192	1197	1207	rVV	877767	1172139	78.61%	9.782%
17	9.316	1207	1211	1215	rBV2	16950	23090	1.55%	0.193%
18	9.634	1260	1265	1269	rBV2	33049	50028	3.36%	0.417%
19	9.787	1287	1291	1294	rBV4	15224	22358	1.50%	0.187%
20	9.828	1295	1298	1302	rVV4	14931	20381	1.37%	0.170%
21	9.922	1308	1314	1319	rBV	604873	789040	52.92%	6.585%
22	10.569	1421	1424	1430	rVB4	14664	24582	1.65%	0.205%
23	10.634	1430	1435	1442	rVB	138254	175252	11.75%	1.462%
24	10.710	1443	1448	1459	rBV	501980	681951	45.73%	5.691%
25	10.834	1465	1469	1476	rVB2	34979	57088	3.83%	0.476%
26	10.945	1484	1488	1491	rBV	27047	32961	2.21%	0.275%
27	11.410	1562	1567	1576	rBV	533118	715598	47.99%	5.972%
28	11.933	1652	1656	1664	rBV	65798	112869	7.57%	0.942%
29	12.628	1771	1774	1778	rBV	29571	35609	2.39%	0.297%
30	12.998	1832	1837	1846	rBV	704636	913542	61.27%	7.624%
31	13.139	1857	1861	1865	rBV	39858	50409	3.38%	0.421%
32	13.904	1988	1991	2003	rVB3	47589	108894	7.30%	0.909%
33	14.057	2011	2017	2025	rBV	504684	748915	50.23%	6.250%
34	15.545	2265	2270	2279	rBV	485365	772542	51.81%	6.447%

Sum of corrected areas: 11983059

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

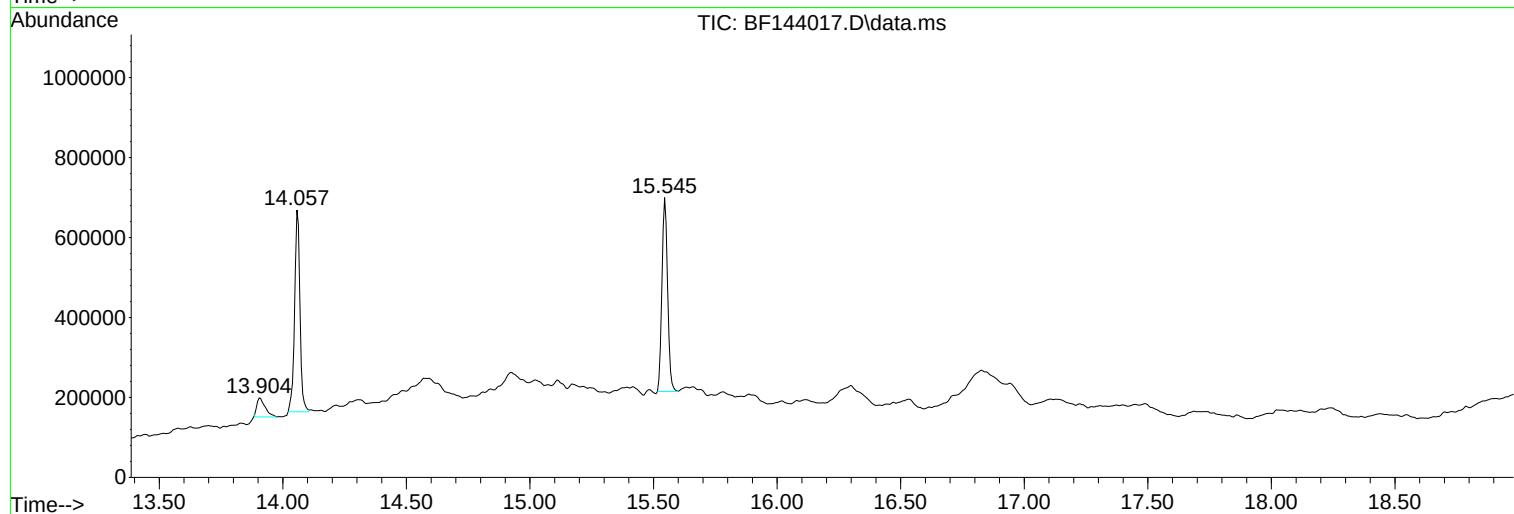
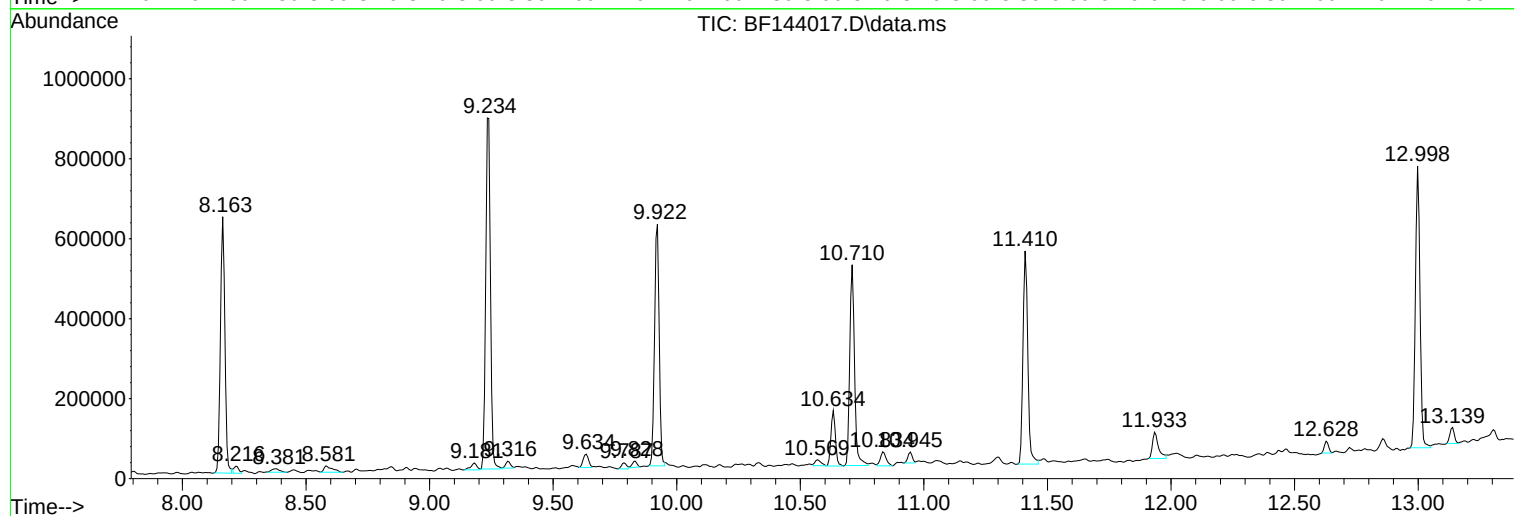
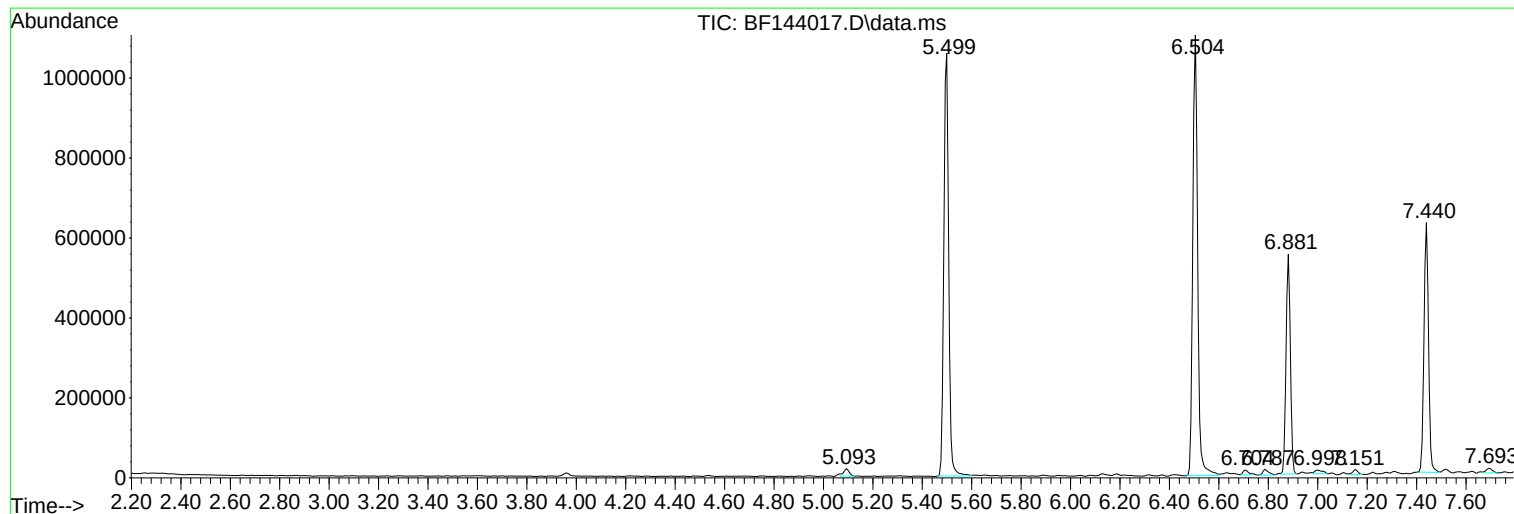
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
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- 14
- 15
- 16
- 17
- 18

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

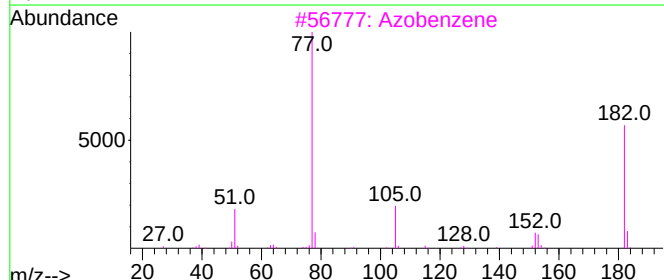
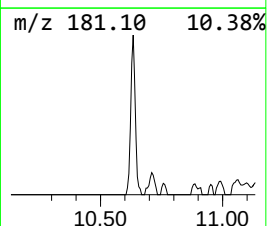
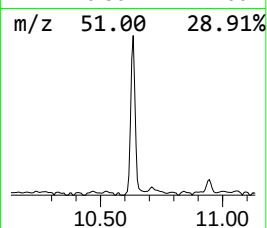
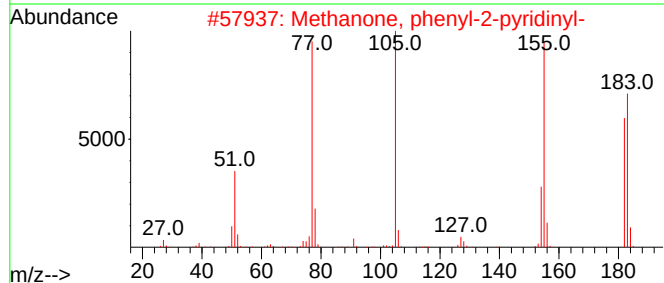
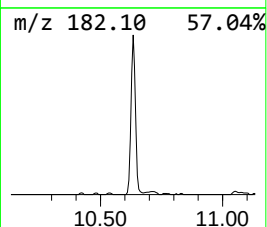
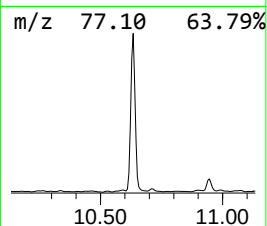
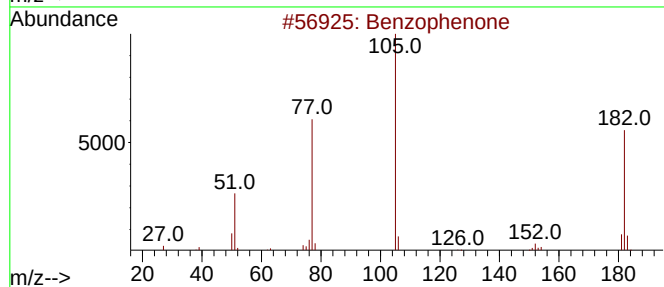
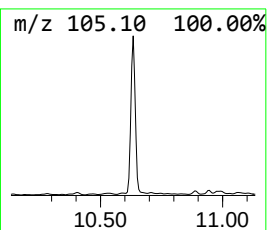
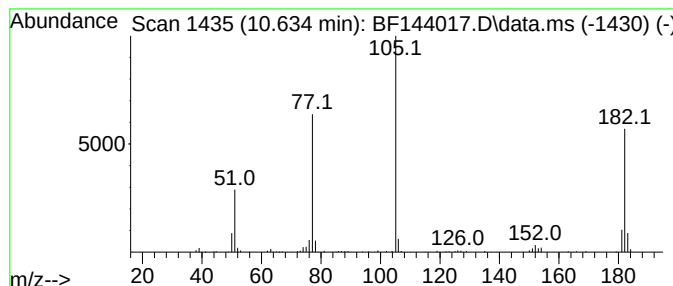
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	4.44 ng	175252	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3			Azobenzene	182	C12H10N2	000103-33-3	58
4			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144017.D
Acq On : 21 Oct 2025 17:31
Operator : RC/JU
Sample : Q3375-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.634	4.4	ng	175252	3	9.922	789040	20.0

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S02-010074-20251016
 Lab Sample ID: Q3375-04
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 55.3
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	600	U	1	280	600	ug/Kg	10/21/25 18:01	PB170165
108-95-2	Phenol	310	U	1	40.0	310	ug/Kg	10/21/25 18:01	PB170165
111-44-4	bis(2-Chloroethyl)ether	310	U	1	43.9	310	ug/Kg	10/21/25 18:01	PB170165
95-57-8	2-Chlorophenol	310	U	1	44.1	310	ug/Kg	10/21/25 18:01	PB170165
95-48-7	2-Methylphenol	310	U	1	54.1	310	ug/Kg	10/21/25 18:01	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	1	67.8	310	ug/Kg	10/21/25 18:01	PB170165
98-86-2	Acetophenone	310	U	1	53.3	310	ug/Kg	10/21/25 18:01	PB170165
65794-96-9	3+4-Methylphenols	600	U	1	74.3	600	ug/Kg	10/21/25 18:01	PB170165
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	85.7	140	ug/Kg	10/21/25 18:01	PB170165
67-72-1	Hexachloroethane	310	U	1	31.8	310	ug/Kg	10/21/25 18:01	PB170165
98-95-3	Nitrobenzene	310	U	1	33.1	310	ug/Kg	10/21/25 18:01	PB170165
78-59-1	Isophorone	310	U	1	59.3	310	ug/Kg	10/21/25 18:01	PB170165
88-75-5	2-Nitrophenol	310	U	1	110	310	ug/Kg	10/21/25 18:01	PB170165
105-67-9	2,4-Dimethylphenol	310	U	1	120	310	ug/Kg	10/21/25 18:01	PB170165
111-91-1	bis(2-Chloroethoxy)methane	310	U	1	55.7	310	ug/Kg	10/21/25 18:01	PB170165
120-83-2	2,4-Dichlorophenol	310	U	1	51.2	310	ug/Kg	10/21/25 18:01	PB170165
91-20-3	Naphthalene	310	U	1	41.0	310	ug/Kg	10/21/25 18:01	PB170165
106-47-8	4-Chloroaniline	310	U	1	64.0	310	ug/Kg	10/21/25 18:01	PB170165
87-68-3	Hexachlorobutadiene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
105-60-2	Caprolactam	600	U	1	94.2	600	ug/Kg	10/21/25 18:01	PB170165
59-50-7	4-Chloro-3-methylphenol	310	U	1	51.9	310	ug/Kg	10/21/25 18:01	PB170165
91-57-6	2-Methylnaphthalene	310	U	1	46.3	310	ug/Kg	10/21/25 18:01	PB170165
77-47-4	Hexachlorocyclopentadiene	600	U	1	210	600	ug/Kg	10/21/25 18:01	PB170165
88-06-2	2,4,6-Trichlorophenol	310	U	1	35.8	310	ug/Kg	10/21/25 18:01	PB170165
95-95-4	2,4,5-Trichlorophenol	310	U	1	52.6	310	ug/Kg	10/21/25 18:01	PB170165
92-52-4	1,1-Biphenyl	310	U	1	39.4	310	ug/Kg	10/21/25 18:01	PB170165
91-58-7	2-Chloronaphthalene	310	U	1	40.7	310	ug/Kg	10/21/25 18:01	PB170165
88-74-4	2-Nitroaniline	310	U	1	87.0	310	ug/Kg	10/21/25 18:01	PB170165
131-11-3	Dimethylphthalate	310	U	1	49.0	310	ug/Kg	10/21/25 18:01	PB170165
208-96-8	Acenaphthylene	310	U	1	52.2	310	ug/Kg	10/21/25 18:01	PB170165
606-20-2	2,6-Dinitrotoluene	310	U	1	60.7	310	ug/Kg	10/21/25 18:01	PB170165
99-09-2	3-Nitroaniline	310	U	1	83.2	310	ug/Kg	10/21/25 18:01	PB170165
83-32-9	Acenaphthene	310	U	1	38.5	310	ug/Kg	10/21/25 18:01	PB170165
51-28-5	2,4-Dinitrophenol	600	U	1	410	600	ug/Kg	10/21/25 18:01	PB170165
100-02-7	4-Nitrophenol	600	U	1	190	600	ug/Kg	10/21/25 18:01	PB170165
132-64-9	Dibenzofuran	310	U	1	41.0	310	ug/Kg	10/21/25 18:01	PB170165
121-14-2	2,4-Dinitrotoluene	310	U	1	90.6	310	ug/Kg	10/21/25 18:01	PB170165
84-66-2	Diethylphthalate	310	U	1	51.2	310	ug/Kg	10/21/25 18:01	PB170165
7005-72-3	4-Chlorophenyl-phenylether	310	U	1	48.3	310	ug/Kg	10/21/25 18:01	PB170165
86-73-7	Fluorene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
100-01-6	4-Nitroaniline	310	U	1	120	310	ug/Kg	10/21/25 18:01	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	600	U	1	190	600	ug/Kg	10/21/25 18:01	PB170165

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S02-010074-20251016
 Lab Sample ID: Q3375-04
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 55.3
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	310	U	1	59.5	310	ug/Kg	10/21/25 18:01	PB170165
101-55-3	4-Bromophenyl-phenylether	310	U	1	50.3	310	ug/Kg	10/21/25 18:01	PB170165
118-74-1	Hexachlorobenzene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
1912-24-9	Atrazine	310	U	1	61.5	310	ug/Kg	10/21/25 18:01	PB170165
87-86-5	Pentachlorophenol	600	U	1	92.7	600	ug/Kg	10/21/25 18:01	PB170165
85-01-8	Phenanthrene	310	U	1	37.8	310	ug/Kg	10/21/25 18:01	PB170165
120-12-7	Anthracene	310	U	1	60.2	310	ug/Kg	10/21/25 18:01	PB170165
86-74-8	Carbazole	310	U	1	56.4	310	ug/Kg	10/21/25 18:01	PB170165
84-74-2	Di-n-butylphthalate	310	U	1	86.6	310	ug/Kg	10/21/25 18:01	PB170165
206-44-0	Fluoranthene	310	U	1	54.2	310	ug/Kg	10/21/25 18:01	PB170165
129-00-0	Pyrene	310	U	1	65.1	310	ug/Kg	10/21/25 18:01	PB170165
85-68-7	Butylbenzylphthalate	310	U	1	130	310	ug/Kg	10/21/25 18:01	PB170165
91-94-1	3,3-Dichlorobenzidine	600	U	1	66.3	600	ug/Kg	10/21/25 18:01	PB170165
56-55-3	Benzo(a)anthracene	310	U	1	41.6	310	ug/Kg	10/21/25 18:01	PB170165
218-01-9	Chrysene	310	U	1	36.0	310	ug/Kg	10/21/25 18:01	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	1	110	310	ug/Kg	10/21/25 18:01	PB170165
117-84-0	Di-n-octyl phthalate	600	U	1	160	600	ug/Kg	10/21/25 18:01	PB170165
205-99-2	Benzo(b)fluoranthene	310	U	1	34.3	310	ug/Kg	10/21/25 18:01	PB170165
207-08-9	Benzo(k)fluoranthene	310	U	1	40.5	310	ug/Kg	10/21/25 18:01	PB170165
50-32-8	Benzo(a)pyrene	130	J	1	53.3	310	ug/Kg	10/21/25 18:01	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	1	52.6	310	ug/Kg	10/21/25 18:01	PB170165
53-70-3	Dibenzo(a,h)anthracene	310	U	1	49.5	310	ug/Kg	10/21/25 18:01	PB170165
191-24-2	Benzo(g,h,i)perylene	310	U	1	46.5	310	ug/Kg	10/21/25 18:01	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	1	46.3	310	ug/Kg	10/21/25 18:01	PB170165
123-91-1	1,4-Dioxane	310	U	1	81.7	310	ug/Kg	10/21/25 18:01	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	1	49.5	310	ug/Kg	10/21/25 18:01	PB170165

SURROGATES

367-12-4	2-Fluorophenol	84.6		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	82.3		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.6		18 - 107	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.7		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.6		10 - 116	48%	SPK: 150
1718-51-0	Terphenyl-d14	35.4		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	115000
1146-65-2	Naphthalene-d8	413000
15067-26-2	Acenaphthene-d10	191000
1517-22-2	Phenanthrene-d10	290000
1719-03-5	Chrysene-d12	267000
1520-96-3	Perylene-d12	332000

TENTATIVE IDENTIFIED COMPOUNDS

017301-23-4	Undecane, 2,6-dimethyl-	140	J	8.22	ug/Kg
074645-98-0	Dodecane, 2,7,10-trimethyl-	170	J	9.18	ug/Kg

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S02-010074-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	55.3
Sample Wt/Vol:	30.01 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000119-61-9	Benzophenone	460	J			10.6	ug/Kg		
000629-50-5	Tridecane	180	J			11.3	ug/Kg		
000638-53-9	Tridecanoic acid	330	J			11.9	ug/Kg		
015594-90-8	1-Heneicosanol	270	J			13.9	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

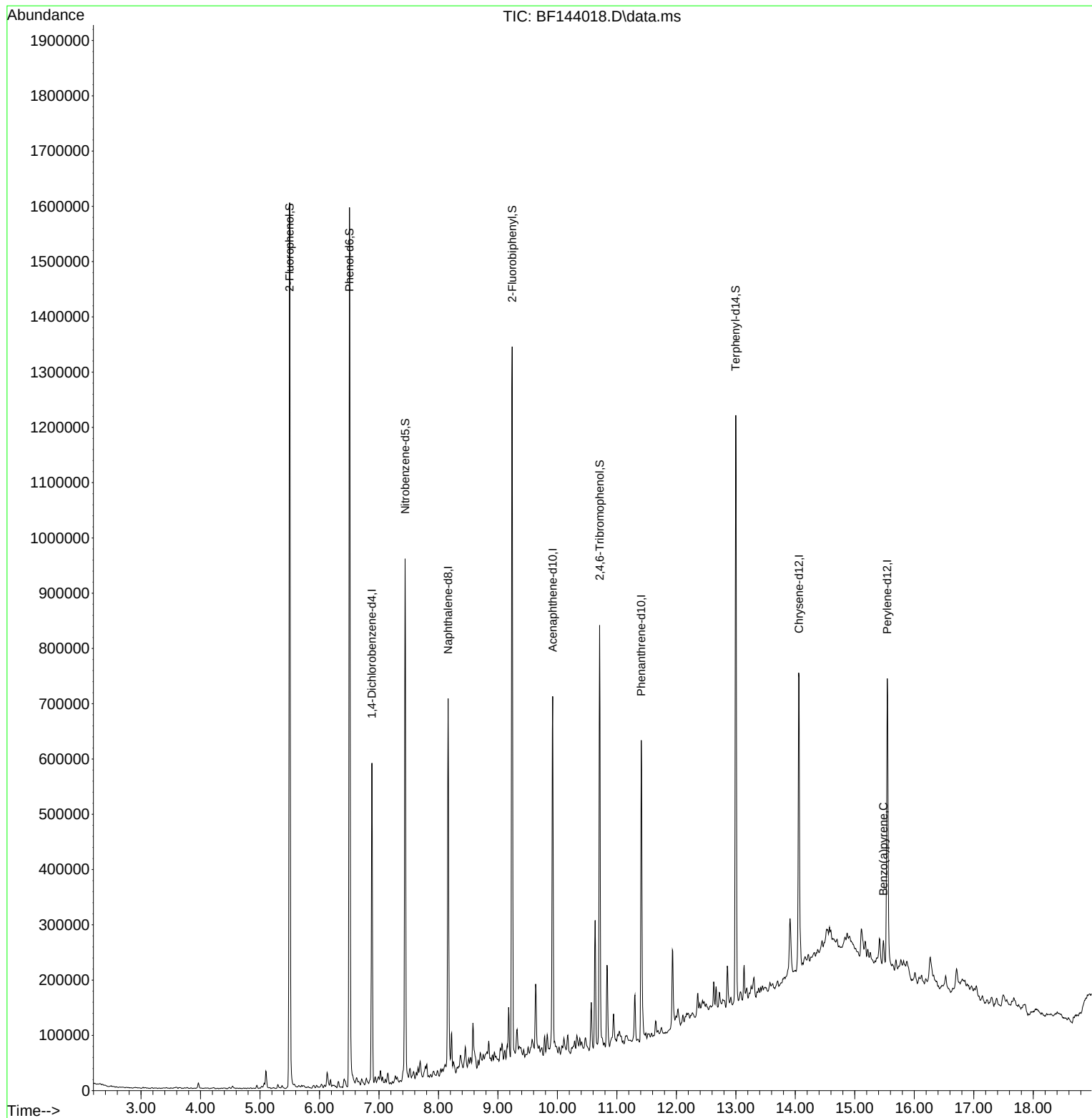
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114769	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	412633	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190672	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	289518	20.000	ng	0.00
76) Chrysene-d12	14.063	240	267469	20.000	ng	0.00
86) Perylene-d12	15.545	264	332355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	611499	84.609	ng	0.00
7) Phenol-d6	6.504	99	708851	82.284	ng	-0.01
23) Nitrobenzene-d5	7.440	82	390907	57.556	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	137810	72.565	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	609475	50.719	ng	-0.01
79) Terphenyl-d14	12.998	244	553454	35.365	ng	-0.01
Target Compounds						
90) Benzo(a)pyrene	15.480	252	34714	2.097	ng	Qvalue # 85

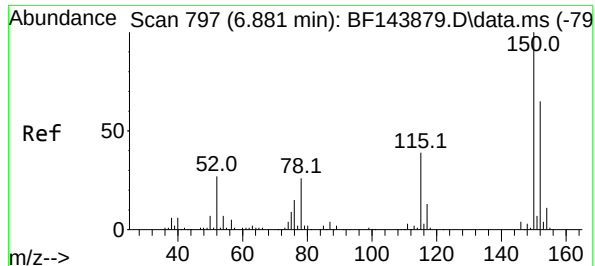
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.005 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

Instrument :

BNA_F

ClientSampleId :

PR132-S02-010074-20251016

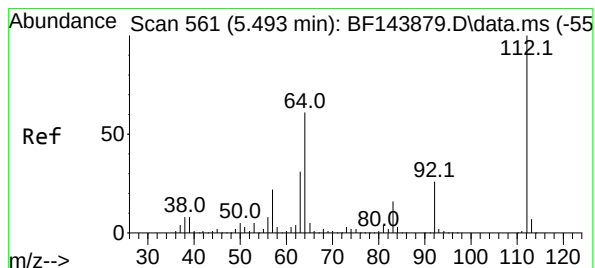
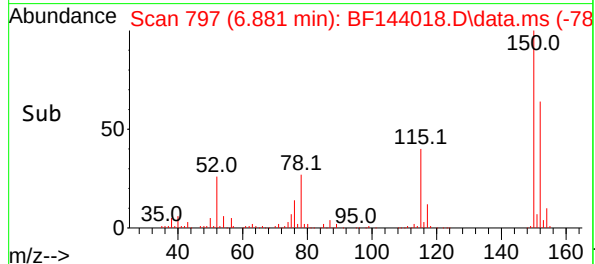
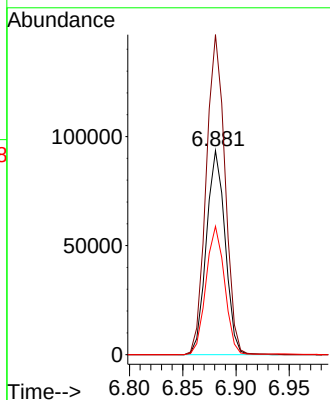
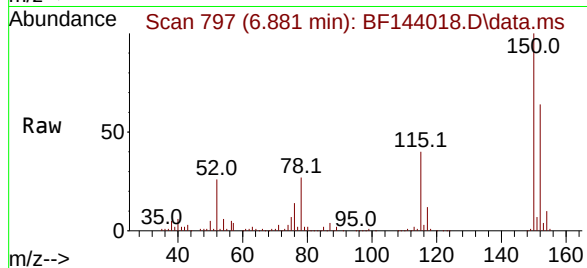
Tgt Ion:152 Resp: 114769

Ion Ratio Lower Upper

152 100

150 156.9 124.4 186.6

115 62.9 48.1 72.1



#5

2-Fluorophenol

Concen: 84.609 ng

RT: 5.498 min Scan# 562

Delta R.T. 0.000 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

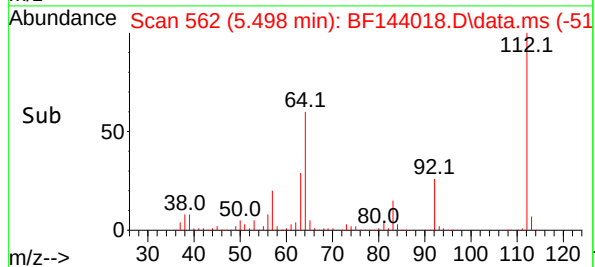
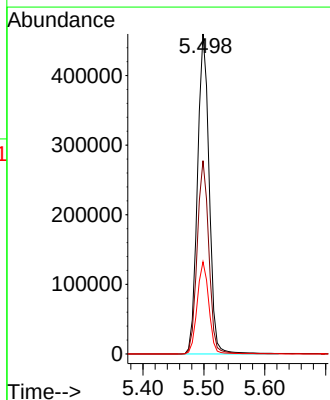
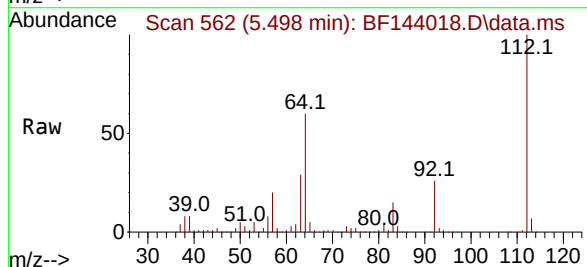
Tgt Ion:112 Resp: 611499

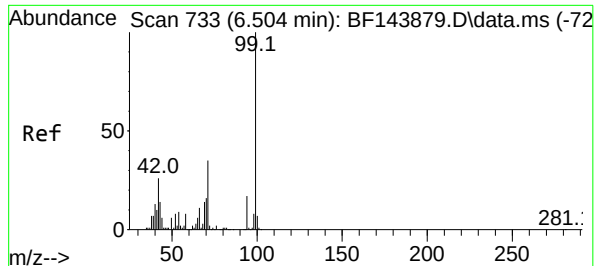
Ion Ratio Lower Upper

112 100

64 60.4 49.1 73.7

63 28.8 24.5 36.7

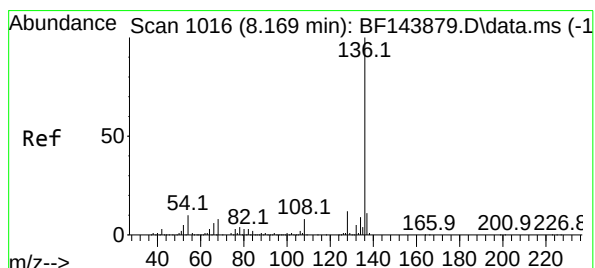
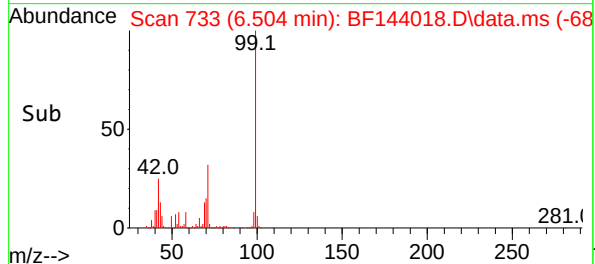
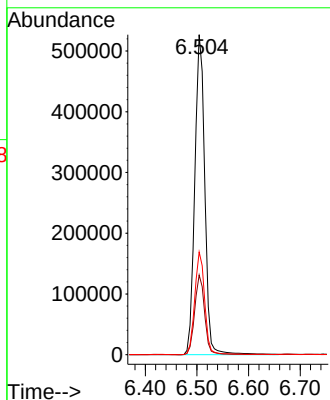
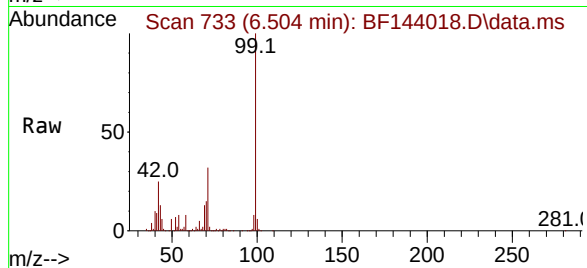




#7
Phenol-d6
Concen: 82.284 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

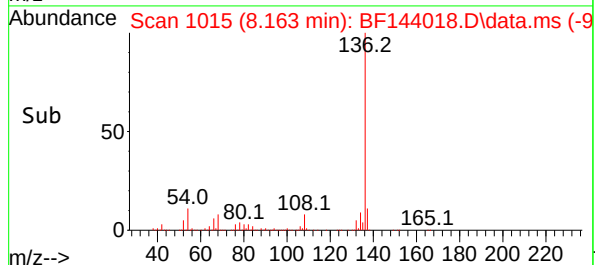
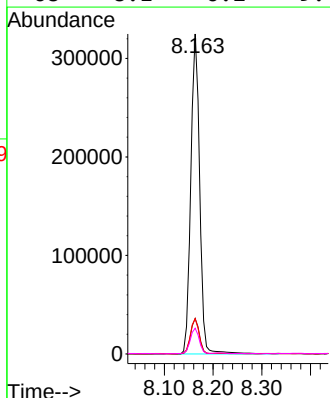
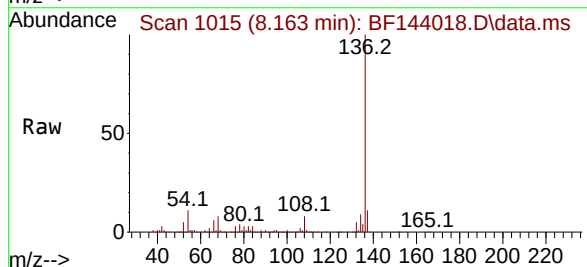
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

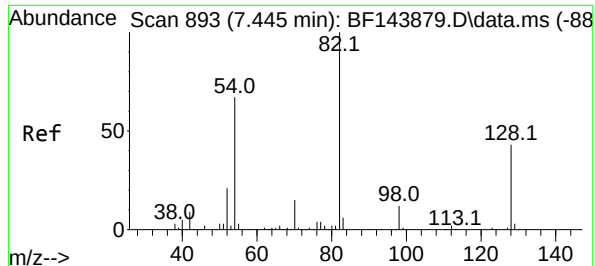
Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.9	21.0	31.4
71	32.1	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.0	8.2	12.4
68	8.1	6.2	9.4





#23

Nitrobenzene-d5

Concen: 57.556 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

Instrument :

BNA_F

ClientSampleId :

PR132-S02-010074-20251016

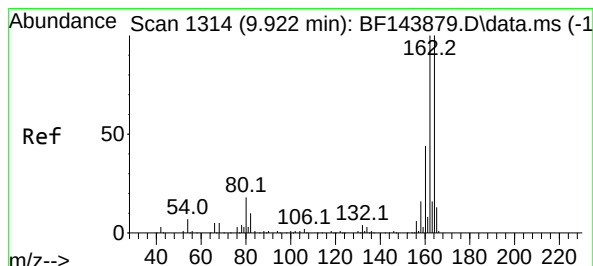
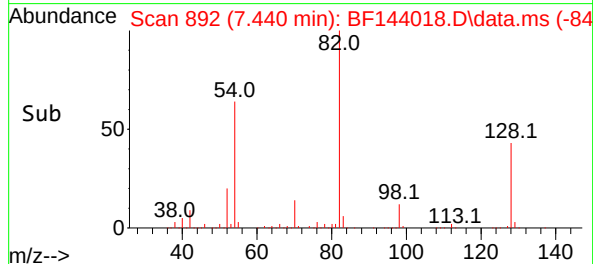
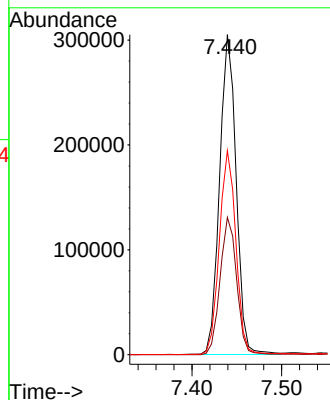
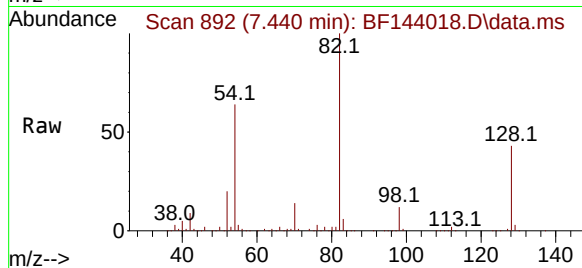
Tgt Ion: 82 Resp: 390907

Ion Ratio Lower Upper

82 100

128 42.9 34.0 51.0

54 63.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

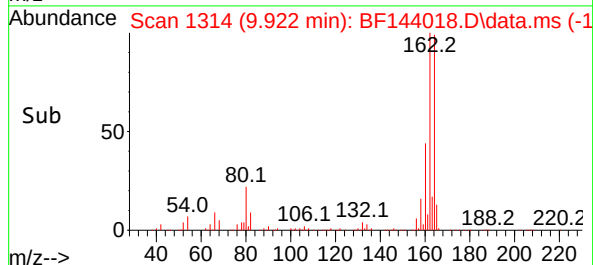
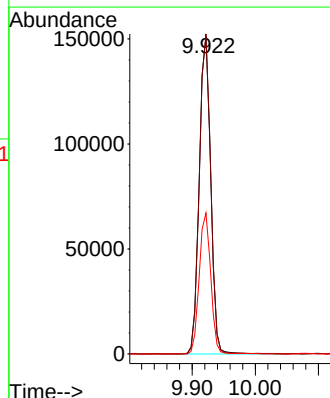
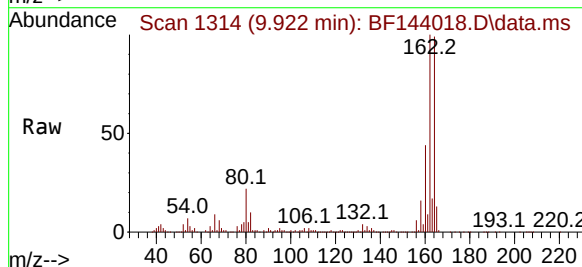
Tgt Ion: 164 Resp: 190672

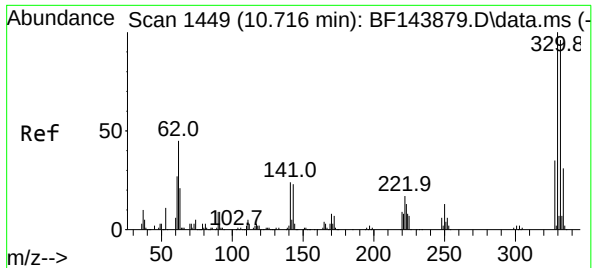
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 44.4 35.4 53.0

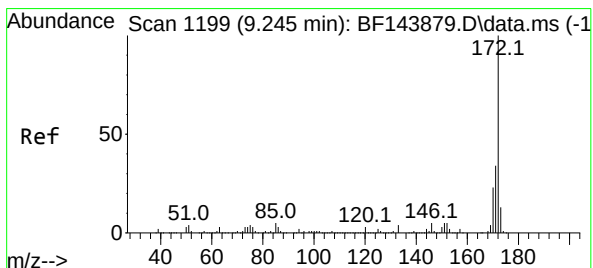
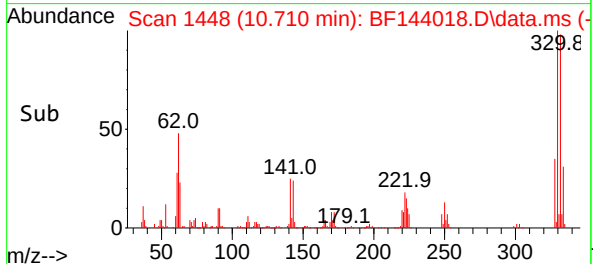
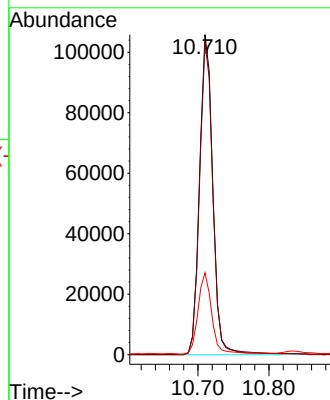
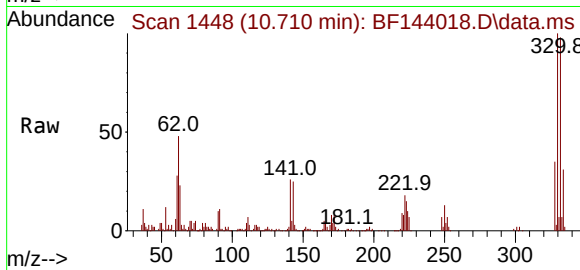




#42
2,4,6-Tribromophenol
Concen: 72.565 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

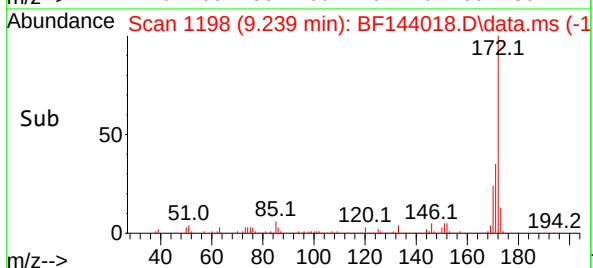
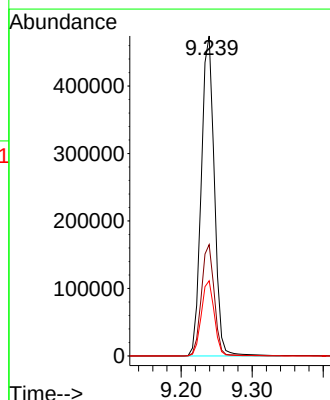
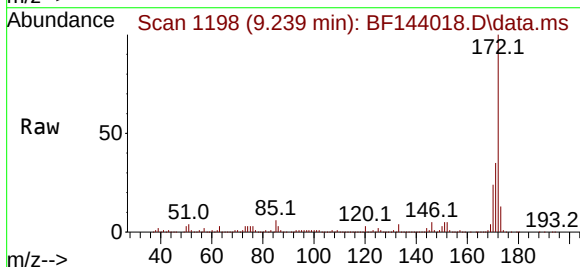
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

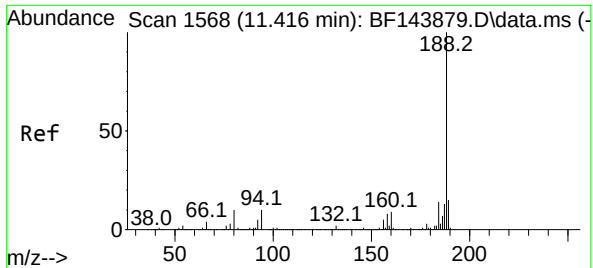
Tgt Ion:330 Resp: 137810
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 26.3 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 50.719 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:172 Resp: 609475
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.5 18.6 28.0

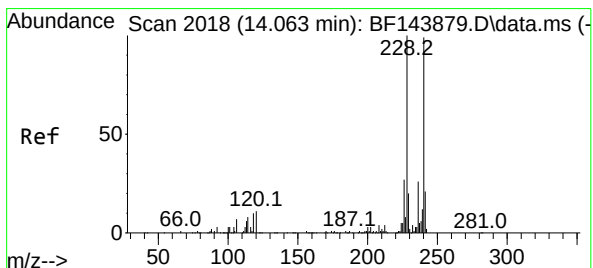
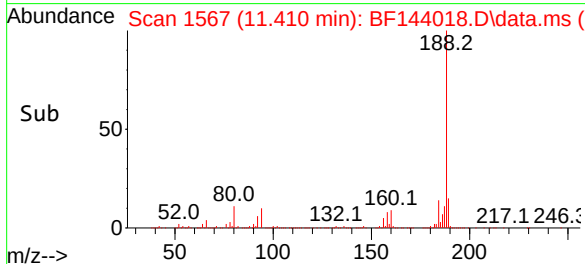
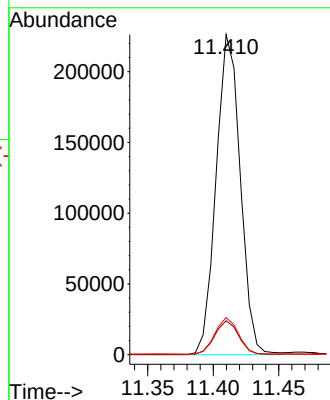
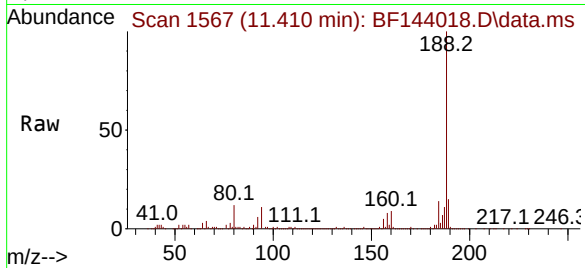




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

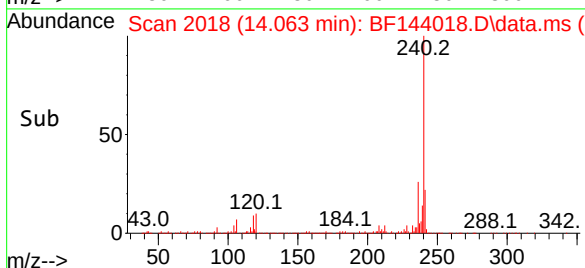
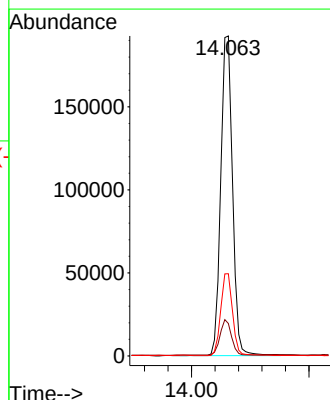
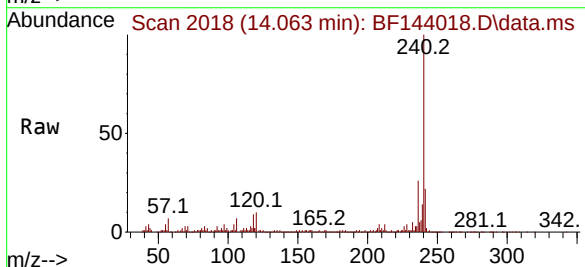
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

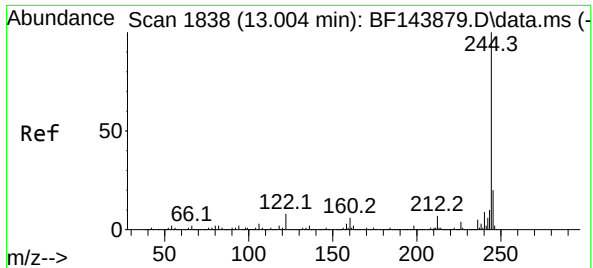
Tgt Ion:188 Resp: 289518
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:240 Resp: 267469
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 35.365 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

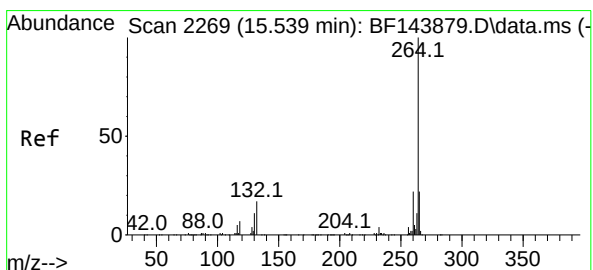
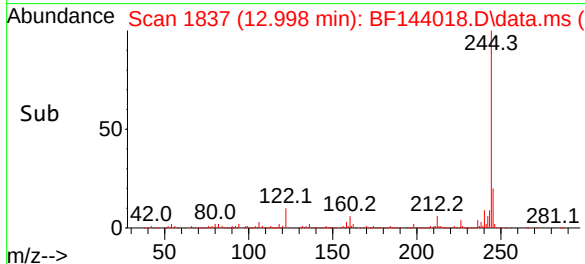
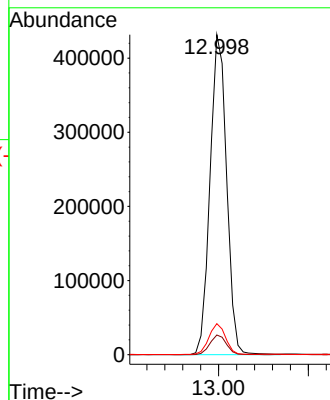
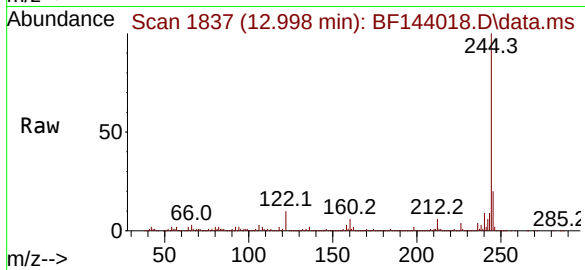
Instrument :

BNA_F

ClientSampleId :

PR132-S02-010074-20251016

Tgt Ion:244	Resp: 553454
Ion Ratio	Lower Upper
244	100
212	6.1 5.4 8.0
122	9.7 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

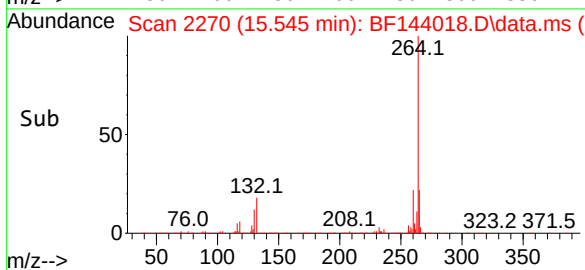
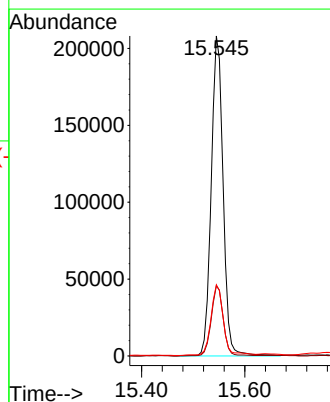
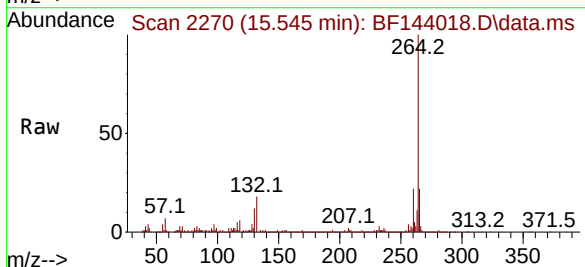
RT: 15.545 min Scan# 2270

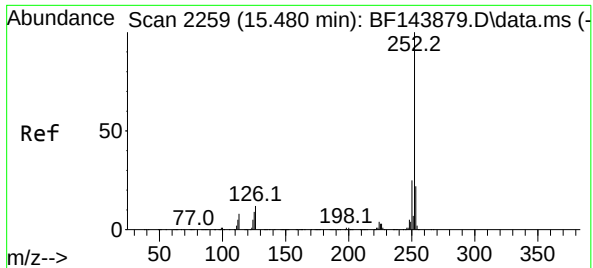
Delta R.T. 0.000 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

Tgt Ion:264	Resp: 332355
Ion Ratio	Lower Upper
264	100
260	21.9 17.8 26.8
265	22.2 17.5 26.3





#90

Benzo(a)pyrene

Concen: 2.097 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144018.D

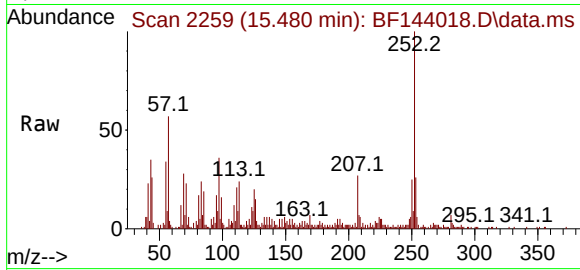
Acq: 21 Oct 2025 18:01

Instrument :

BNA_F

ClientSampleId :

PR132-S02-010074-20251016



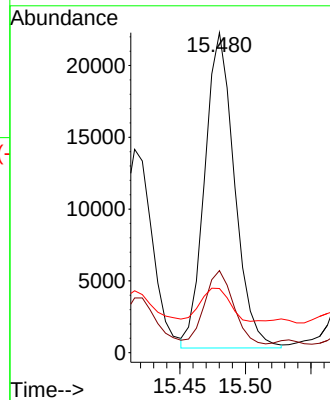
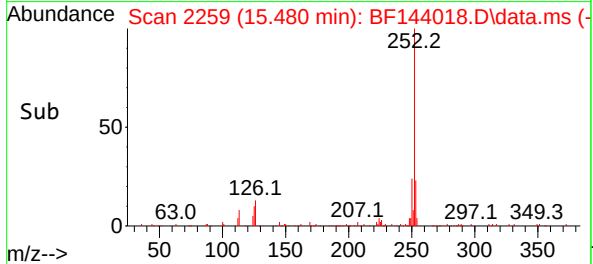
Tgt Ion:252 Resp: 34714

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 20.1 7.0 10.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	491	494	503	rVB	30132	42957	1.95%	0.248%
2	5.498	556	562	573	rBV	1600027	2107378	95.88%	12.155%
3	6.128	664	669	675	rBV2	25396	41666	1.90%	0.240%
4	6.416	713	718	727	rBV5	15493	37474	1.70%	0.216%
5	6.504	727	733	749	rBV	1591227	2197989	100.00%	12.677%
6	6.787	776	781	788	rBV3	11774	25028	1.14%	0.144%
7	6.881	792	797	803	rVB	578155	726170	33.04%	4.188%
8	7.028	818	822	825	rVB2	18096	23615	1.07%	0.136%
9	7.151	838	843	847	rVB4	19332	30522	1.39%	0.176%
10	7.440	881	892	902	rBV	946001	1277938	58.14%	7.371%
11	7.522	902	906	910	rVV4	20117	36115	1.64%	0.208%
12	7.692	931	935	942	rVB2	28335	48598	2.21%	0.280%
13	7.781	943	950	952	rVV3	18875	36243	1.65%	0.209%
14	7.804	952	954	957	rVB3	22600	22324	1.02%	0.129%
15	7.916	969	973	981	rBV8	9999	23364	1.06%	0.135%
16	8.110	1001	1006	1009	rVV4	18575	41147	1.87%	0.237%
17	8.163	1010	1015	1021	rVV	679605	914174	41.59%	5.273%
18	8.222	1021	1025	1028	rVV	73516	107068	4.87%	0.618%
19	8.251	1028	1030	1037	rVB7	20223	37488	1.71%	0.216%
20	8.369	1047	1050	1057	rVB5	22671	41856	1.90%	0.241%
21	8.451	1058	1064	1070	rBV6	37409	66633	3.03%	0.384%
22	8.581	1082	1086	1097	rVB	82050	161895	7.37%	0.934%
23	8.704	1103	1107	1112	rBV4	21855	39004	1.77%	0.225%
24	8.845	1128	1131	1135	rVB2	31583	37789	1.72%	0.218%
25	9.039	1161	1164	1166	rBV3	22233	30401	1.38%	0.175%
26	9.157	1180	1184	1185	rBV4	25494	29662	1.35%	0.171%
27	9.181	1185	1188	1192	rVB	89410	107406	4.89%	0.619%
28	9.239	1193	1198	1203	rBV	1284628	1637702	74.51%	9.446%
29	9.322	1208	1212	1216	rBV2	39640	58352	2.65%	0.337%
30	9.633	1261	1265	1273	rVB3	116495	171421	7.80%	0.989%
31	9.786	1287	1291	1294	rBV2	34737	47144	2.14%	0.272%
32	9.828	1295	1298	1302	rVV3	28556	39942	1.82%	0.230%
33	9.922	1309	1314	1318	rVB	625435	782062	35.58%	4.511%
34	10.175	1353	1357	1364	rVB3	33293	56106	2.55%	0.324%
35	10.328	1380	1383	1388	rBV6	23460	37972	1.73%	0.219%
36	10.569	1419	1424	1430	rBV	85459	128980	5.87%	0.744%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.633	1430	1435	1440	rVV	231372	296977	13.51%	1.713%
38	10.710	1443	1448	1459	rVB	760211	999605	45.48%	5.765%
39	10.833	1465	1469	1476	rVB	147179	212590	9.67%	1.226%
40	10.945	1485	1488	1496	rVB2	49428	68357	3.11%	0.394%
41	11.304	1545	1549	1554	rVB	82210	116311	5.29%	0.671%
42	11.410	1562	1567	1575	rBV	545839	771398	35.10%	4.449%
43	11.933	1652	1656	1663	rBV2	134959	208444	9.48%	1.202%
44	12.627	1772	1774	1778	rVB	40606	42060	1.91%	0.243%
45	12.857	1810	1813	1819	rBV	68520	95733	4.36%	0.552%
46	12.998	1832	1837	1845	rVB	1059046	1367399	62.21%	7.887%
47	13.139	1858	1861	1865	rBV	53438	60604	2.76%	0.350%
48	13.910	1989	1992	2001	rVB	96751	178559	8.12%	1.030%
49	14.057	2013	2017	2026	rVB	528368	797646	36.29%	4.601%
50	15.545	2265	2270	2283	rVB	519855	870755	39.62%	5.022%

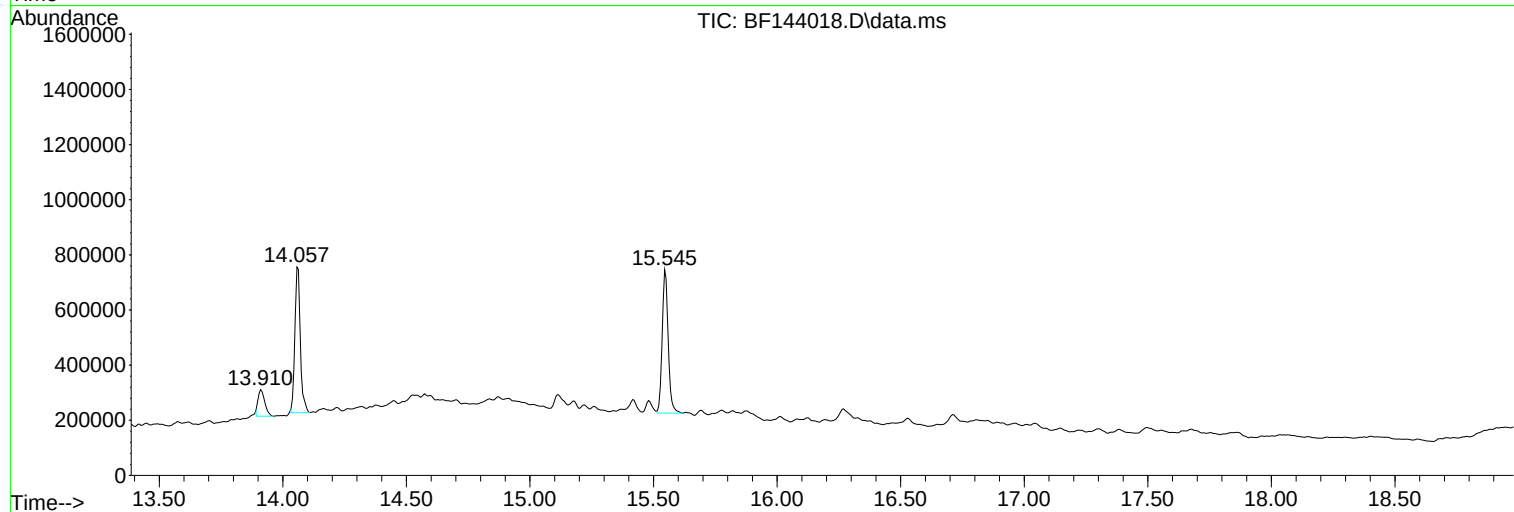
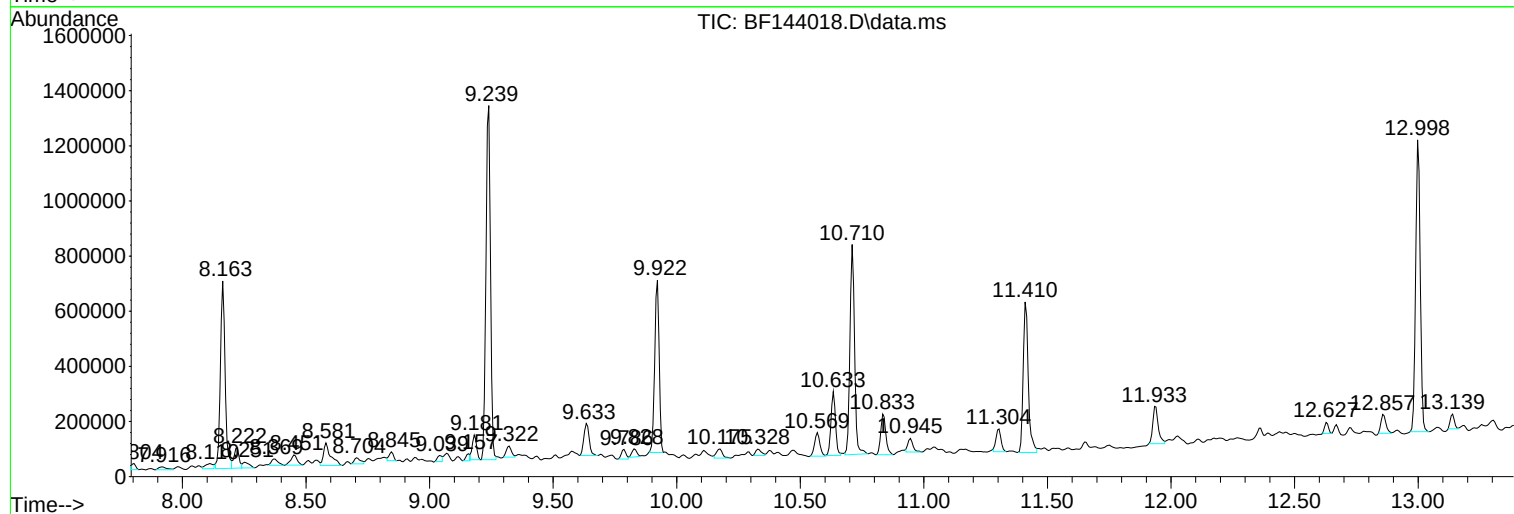
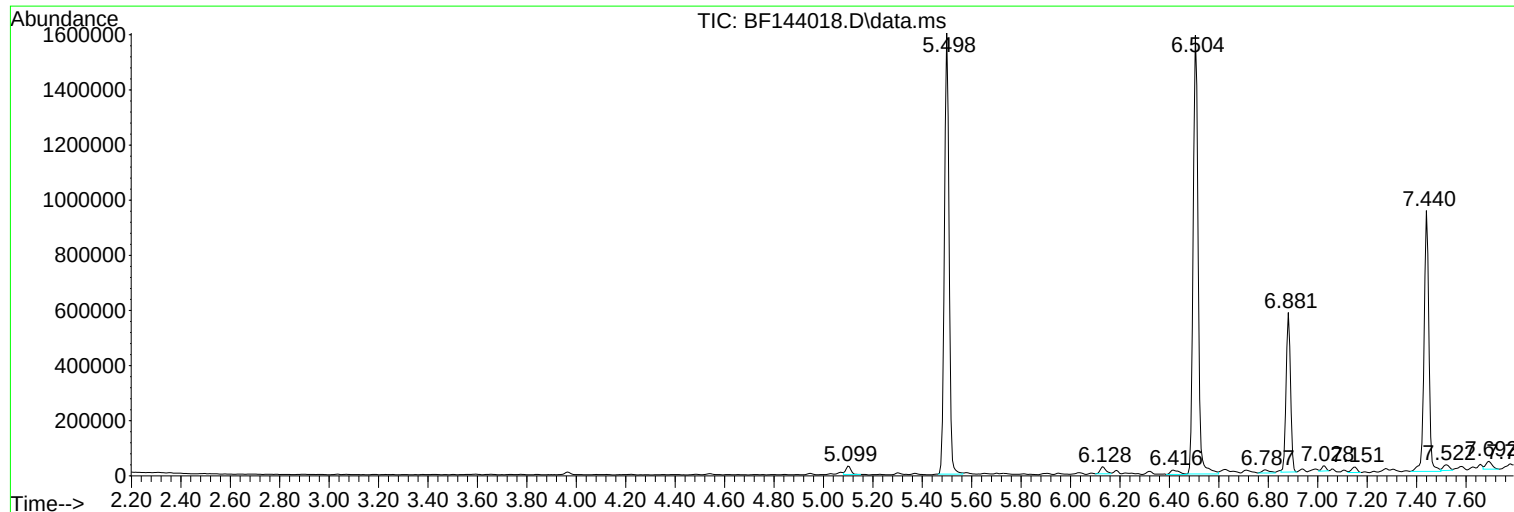
Sum of corrected areas: 17338023

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

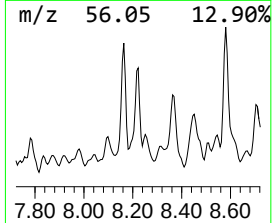
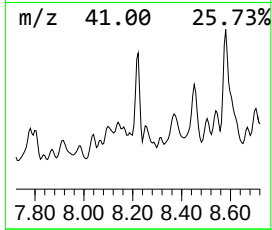
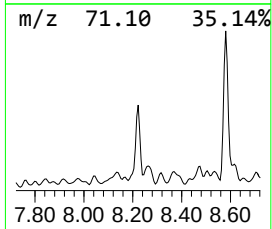
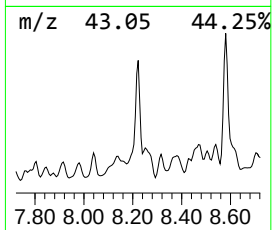
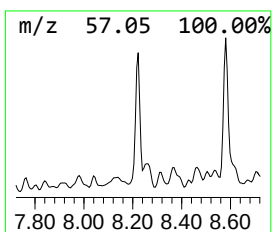
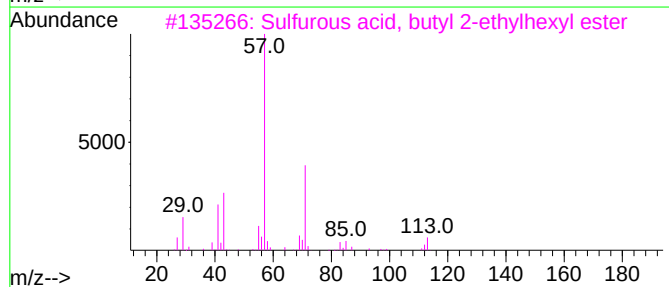
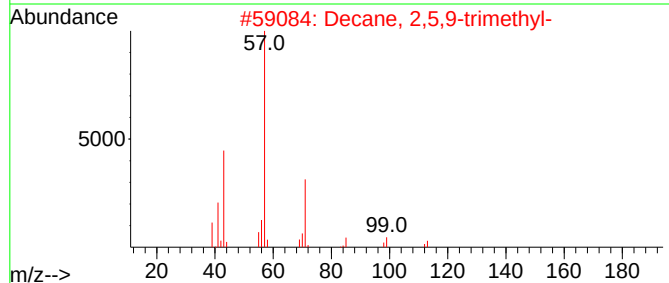
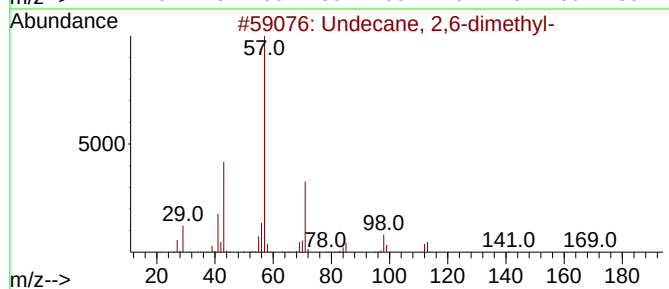
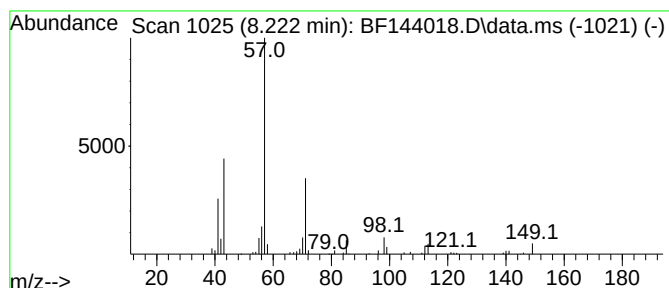
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.222	2.34 ng	107068	Naphthalene-d8	8.163	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4	Eicosyl octyl ether	410	C28H58O	1000406-38-8	53
5	Docosyl octyl ether	438	C30H62O	1000406-38-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

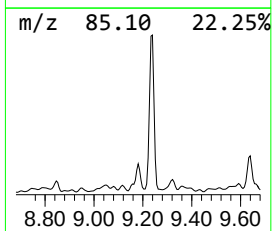
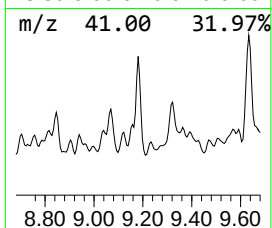
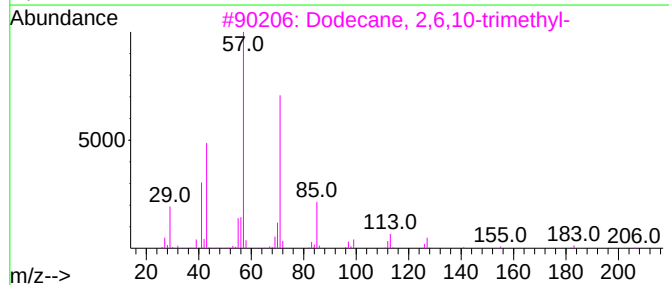
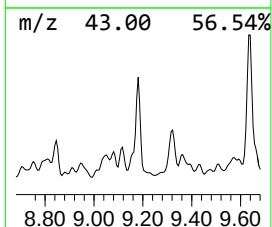
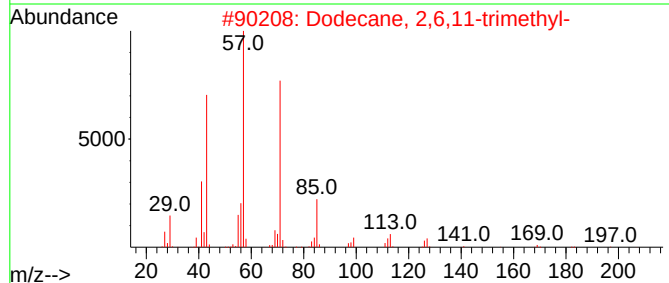
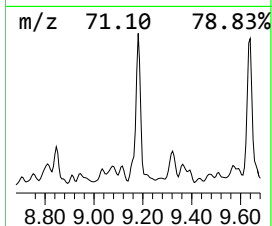
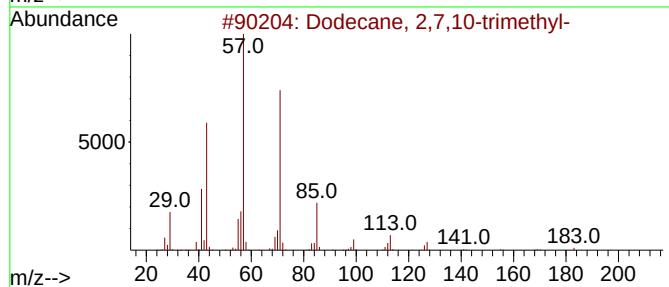
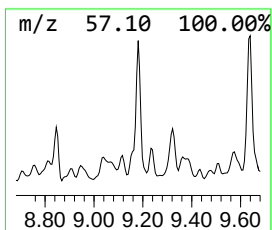
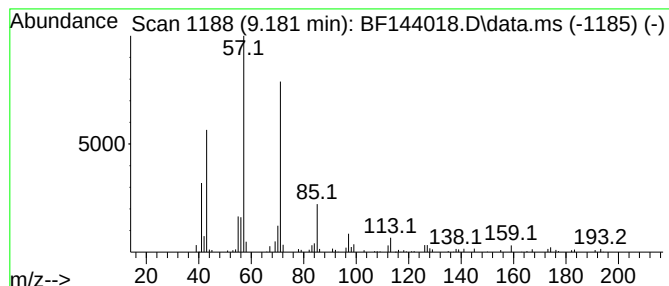
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	2.75 ng	107406	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

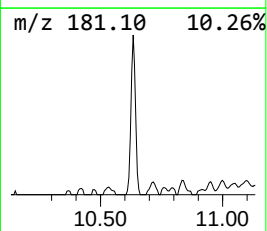
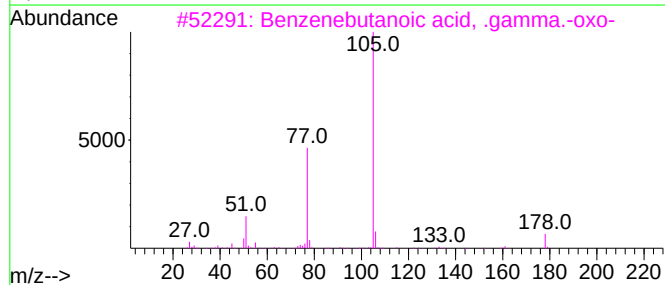
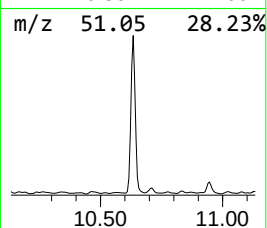
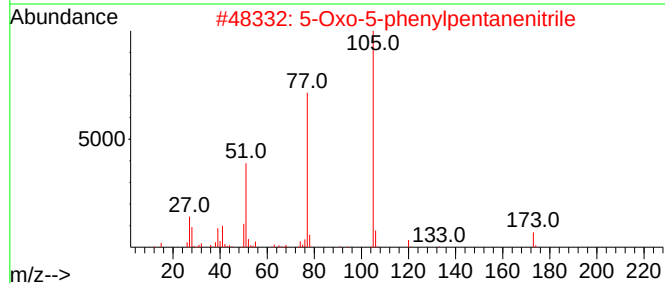
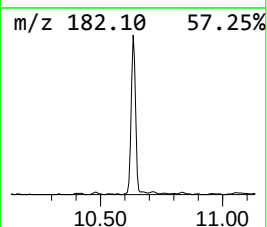
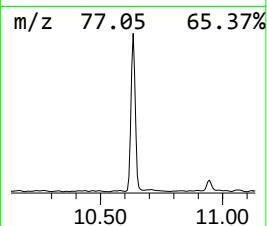
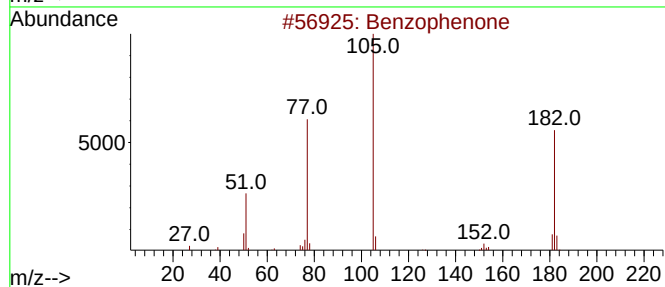
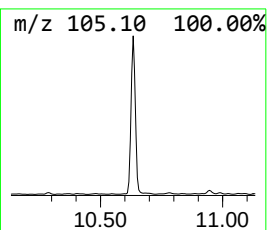
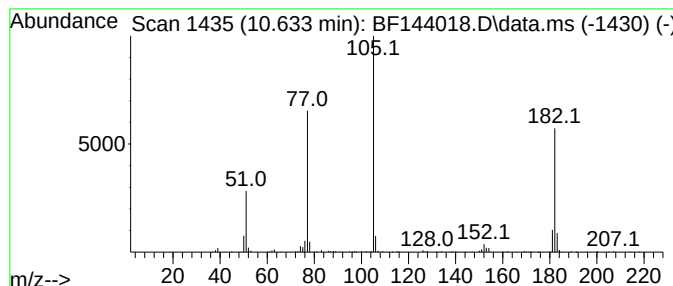
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	7.59 ng	296977	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
3			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			Methyl benzilate	242	C15H14O3	000076-89-1	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

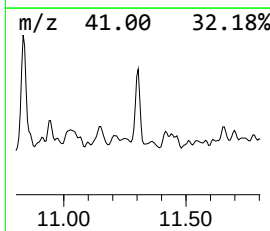
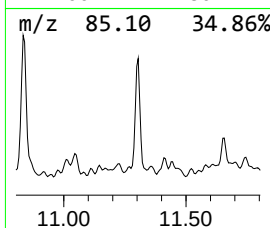
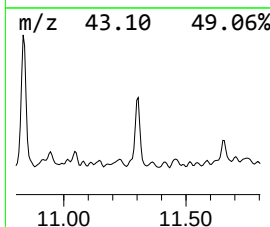
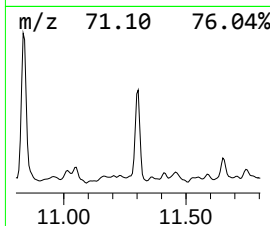
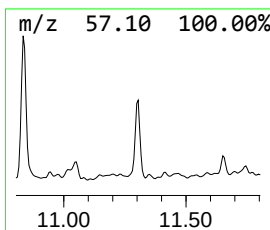
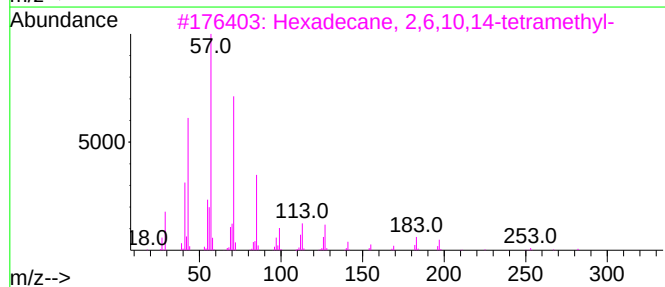
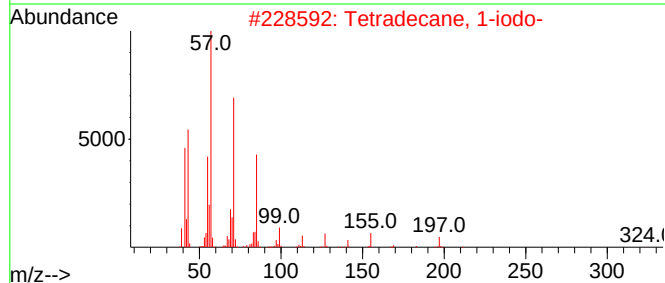
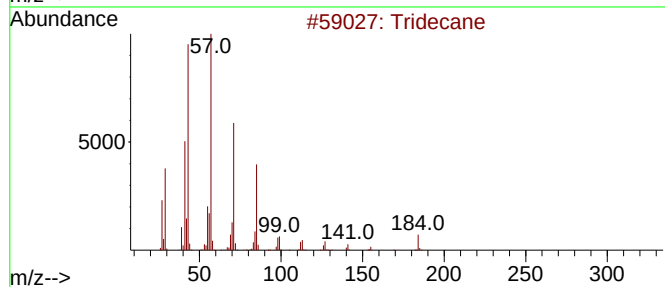
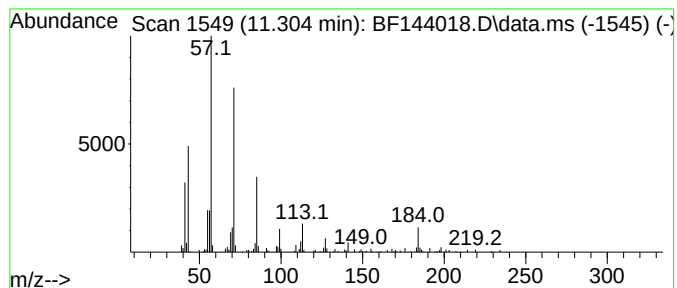
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.02 ng	116311	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

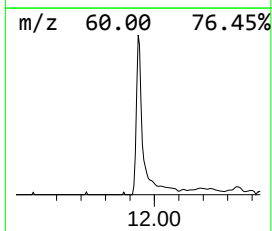
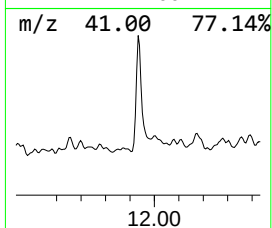
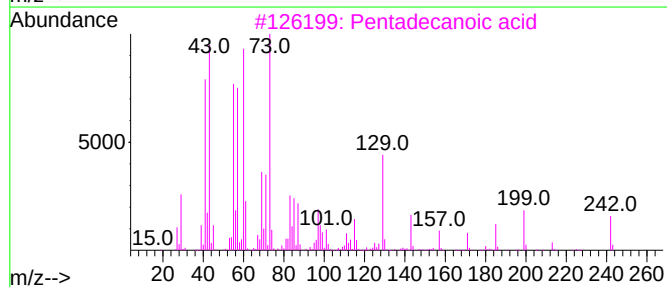
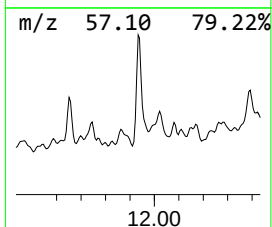
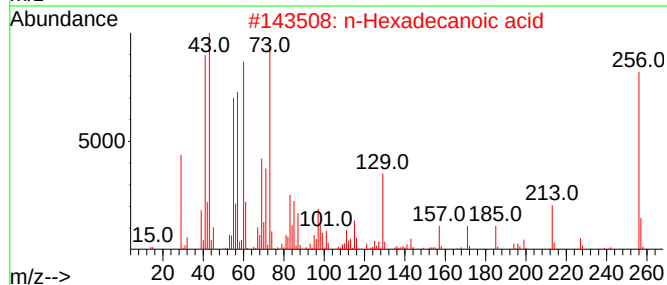
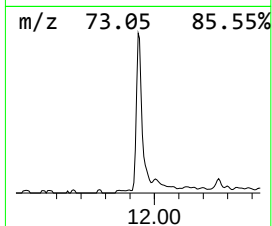
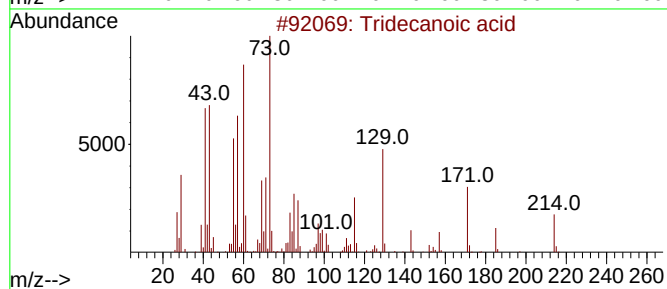
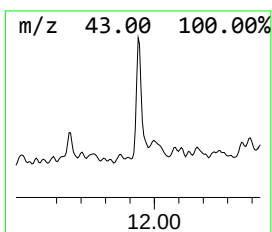
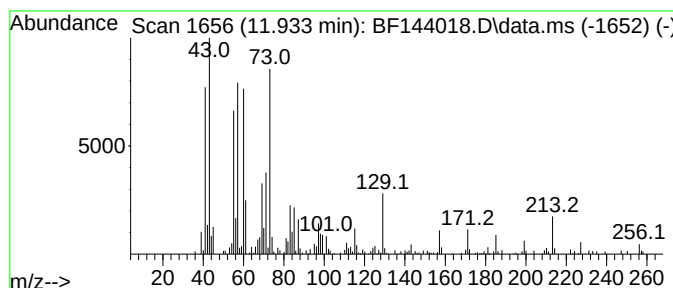
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ClientSampleId :
PR132-S02-010074-20251016

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.933	5.40 ng	208444	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecanoic acid		214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
5	n-Decanoic acid		172	C10H20O2	000334-48-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR132-S02-010074-20251016

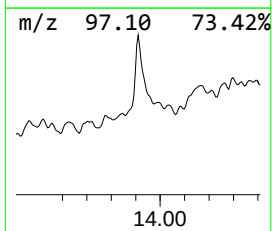
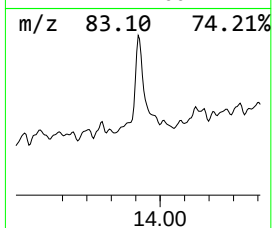
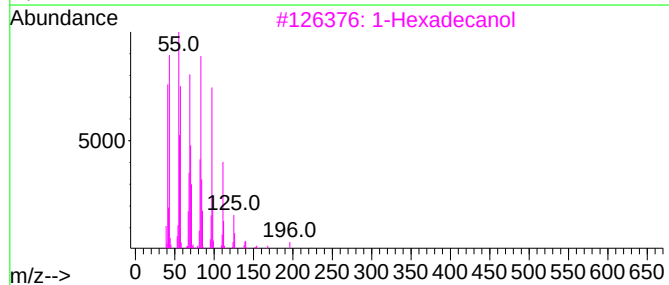
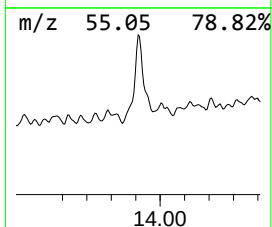
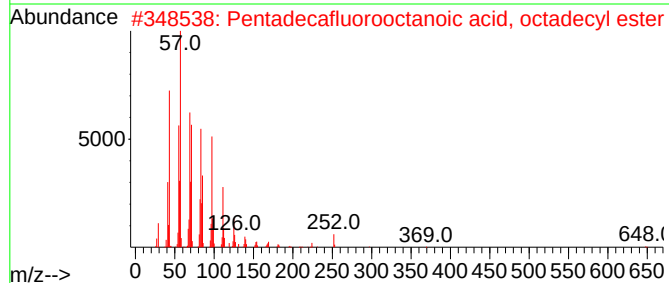
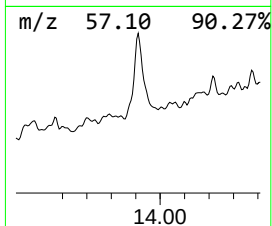
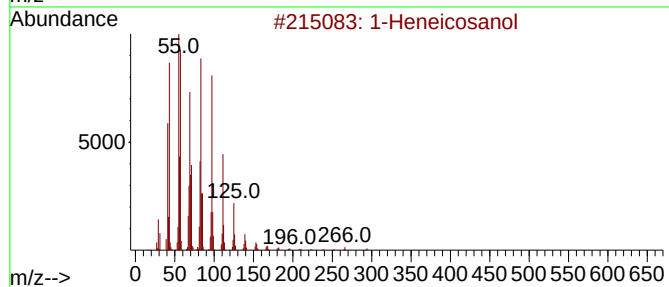
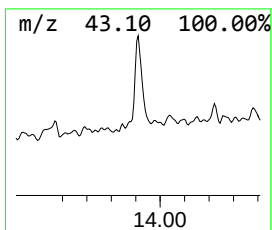
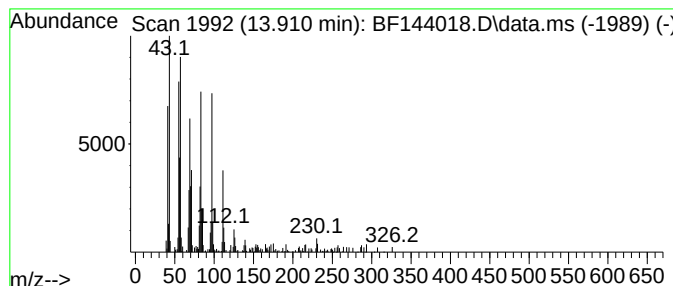
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	4.48 ng	178559	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	87
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
3			1-Hexadecanol	242	C16H34O	036653-82-4	76
4			Cycloeicosane	280	C20H40	000296-56-0	76
5			1-Octadecanol	270	C18H38O	000112-92-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane, 2,6-d...	8.222	2.3	ng	107068	2	8.163	914174	20.0
Dodecane, 2,7,1...	9.181	2.8	ng	107406	3	9.922	782062	20.0
Benzophenone	10.633	7.6	ng	296977	3	9.922	782062	20.0
Tridecane	11.304	3.0	ng	116311	4	11.410	771398	20.0
Tridecanoic acid	11.933	5.4	ng	208444	4	11.410	771398	20.0
1-Heneicosanol	13.910	4.5	ng	178559	5	14.063	797646	20.0

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-DP02-074099-20251016
 Lab Sample ID: Q3375-05
 Analytical Method: 8270E Level : LOW
 Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
 Date Received: 10/16/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 66.7
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 18:30	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 18:30	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 18:30	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 18:30	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 18:30	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.1	250	ug/Kg	10/21/25 18:30	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.5	490	ug/Kg	10/21/25 18:30	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 18:30	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 18:30	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 18:30	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 18:30	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.1	250	ug/Kg	10/21/25 18:30	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.0	250	ug/Kg	10/21/25 18:30	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 18:30	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 18:30	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 18:30	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 18:30	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 18:30	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.6	250	ug/Kg	10/21/25 18:30	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.6	250	ug/Kg	10/21/25 18:30	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 18:30	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 18:30	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 18:30	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 18:30	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 18:30	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 18:30	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 18:30	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 18:30	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 18:30	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 18:30	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 18:30	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.1	250	ug/Kg	10/21/25 18:30	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 18:30	PB170165



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP02-074099-20251016
Lab Sample ID: Q3375-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	49.3	250	ug/Kg	10/21/25 18:30	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 18:30	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 18:30	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 18:30	PB170165
85-01-8	Phenanthrene	99.8	J	1	31.3	250	ug/Kg	10/21/25 18:30	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 18:30	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 18:30	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 18:30	PB170165
206-44-0	Fluoranthene	160	J	1	44.9	250	ug/Kg	10/21/25 18:30	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 18:30	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 18:30	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	54.9	490	ug/Kg	10/21/25 18:30	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 18:30	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 18:30	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	1	88.6	250	ug/Kg	10/21/25 18:30	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 18:30	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.4	250	ug/Kg	10/21/25 18:30	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 18:30	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 18:30	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 18:30	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165

SURROGATES

367-12-4	2-Fluorophenol	82.9		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	78.6		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.5		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.3		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.8		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	35.0		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1	117000
1146-65-2	418000
15067-26-2	205000
1517-22-2	300000
1719-03-5	263000
1520-96-3	321000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	300	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	280	J	11.9	ug/Kg

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-DP02-074099-20251016	SDG No.:	Q3375
Lab Sample ID:	Q3375-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.7
Sample Wt/Vol:	30.04 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000295-48-7	Cyclopentadecane	150	J			13.9	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

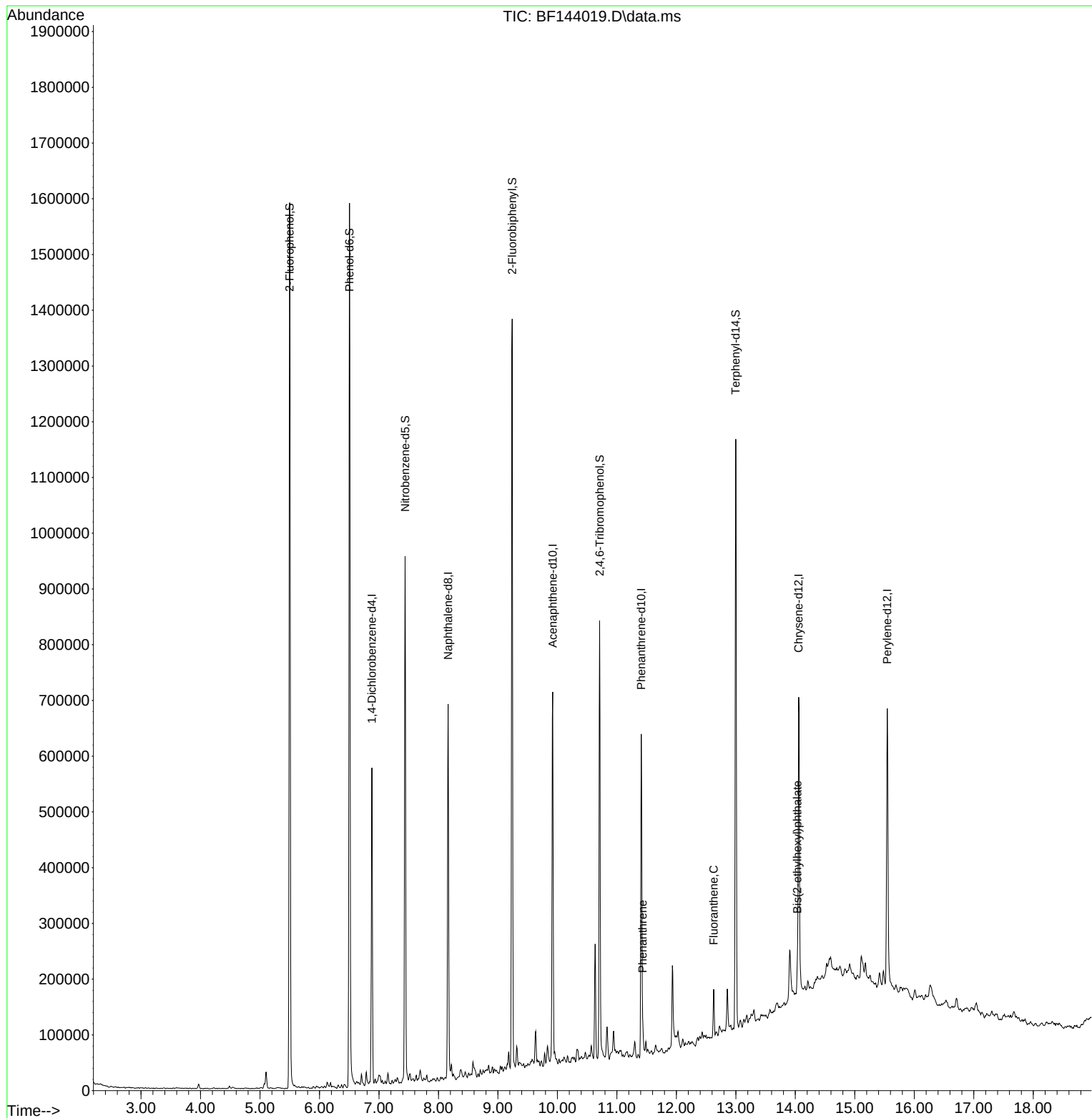
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	116635	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	418260	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	205210	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	299829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	262654	20.000	ng	-0.01
86) Perylene-d12	15.545	264	320945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	608900	82.902	ng	0.00
7) Phenol-d6	6.504	99	688308	78.621	ng	-0.01
23) Nitrobenzene-d5	7.440	82	395841	57.498	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	144750	70.819	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	649886	50.251	ng	-0.01
79) Terphenyl-d14	12.998	244	537489	34.974	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	29105	2.002	ng	99
75) Fluoranthene	12.627	202	48071	3.202	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	22323	2.604	ng	97

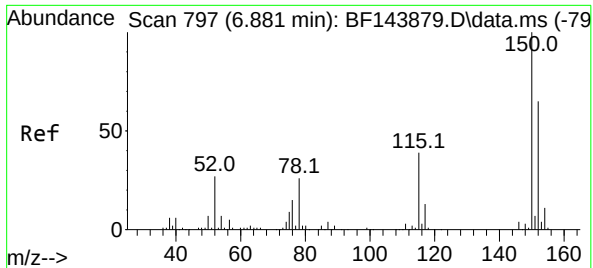
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

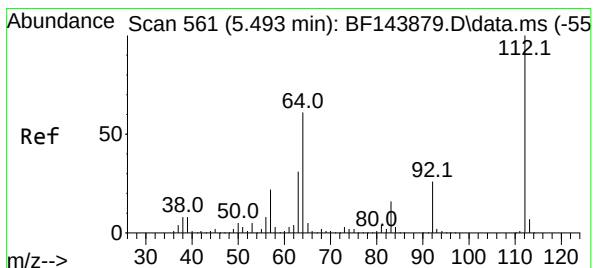
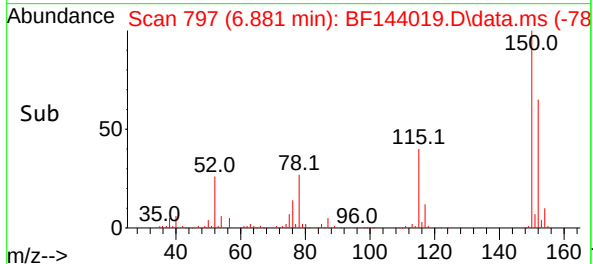
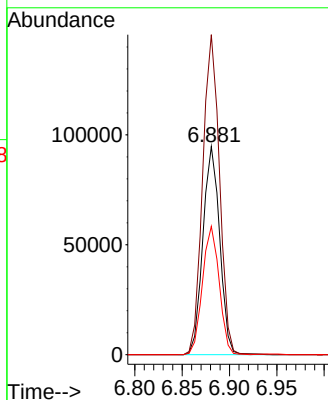
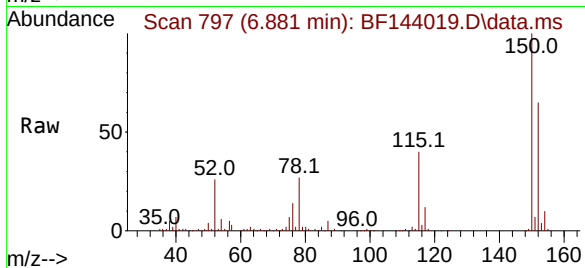




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

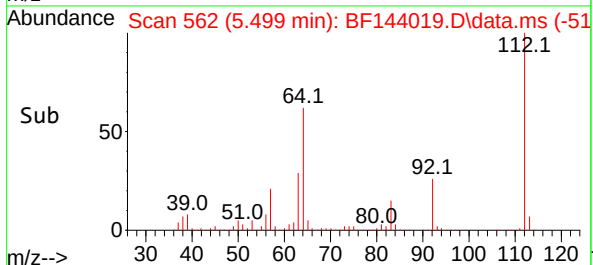
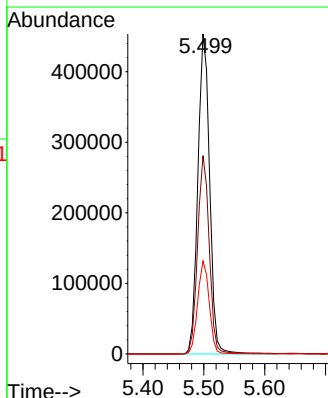
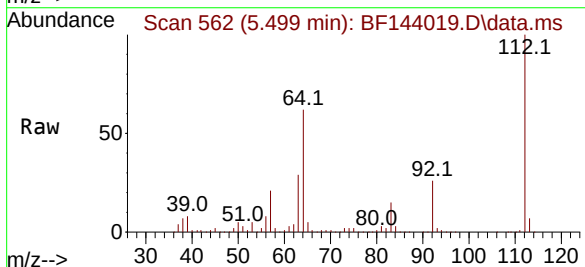
Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

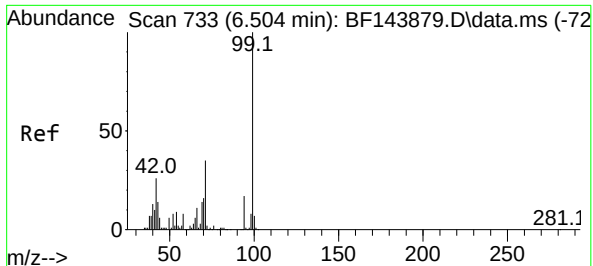
Tgt Ion:152 Resp: 116635
Ion Ratio Lower Upper
152 100
150 153.8 124.4 186.6
115 61.6 48.1 72.1



#5
2-Fluorophenol
Concen: 82.902 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:112 Resp: 608900
Ion Ratio Lower Upper
112 100
64 62.0 49.1 73.7
63 29.1 24.5 36.7

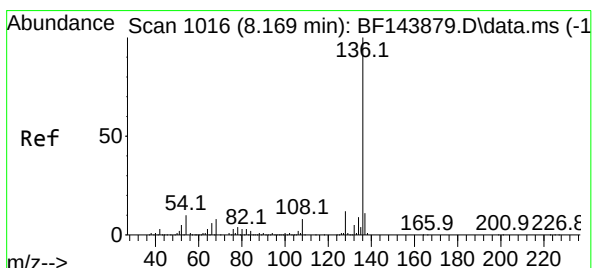
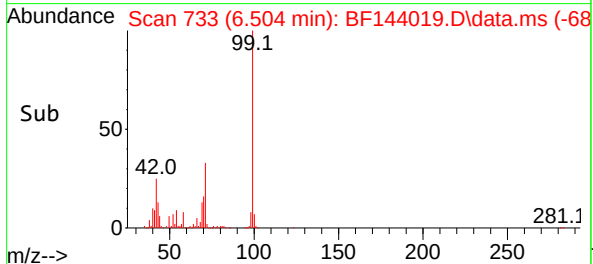
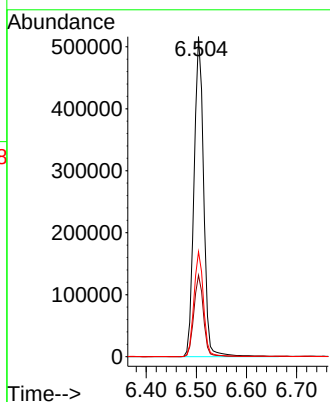
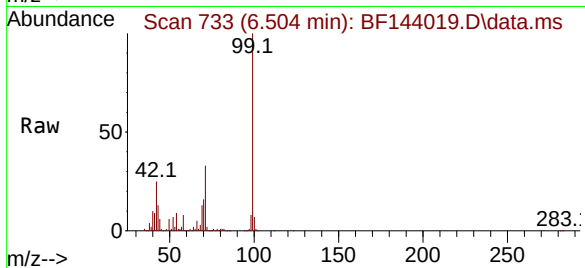




#7
Phenol-d6
Concen: 78.621 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

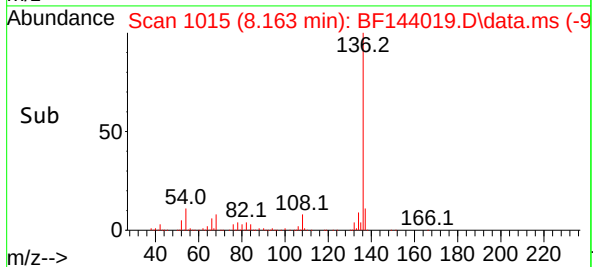
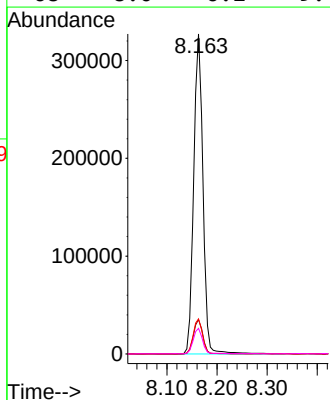
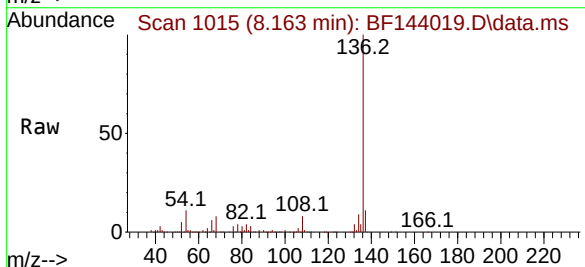
Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

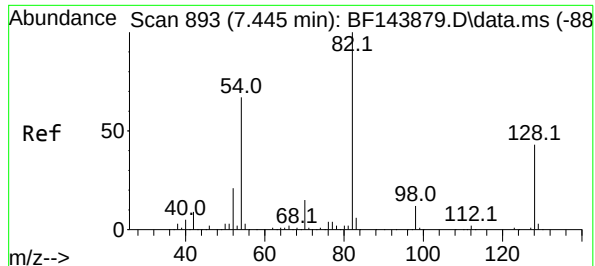
Tgt Ion:	99	Resp:	688308
Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.0	31.4
71	32.8	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:	136	Resp:	418260
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.0	8.2	12.4
68	8.0	6.2	9.4





#23

Nitrobenzene-d5

Concen: 57.498 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

Instrument :

BNA_F

ClientSampleId :

PR132-DP02-074099-20251016

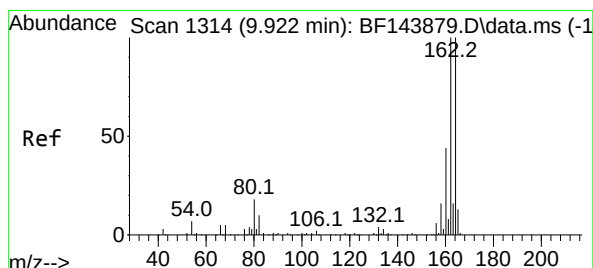
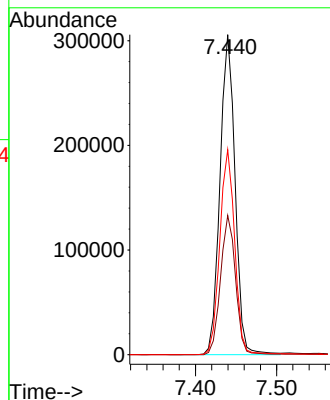
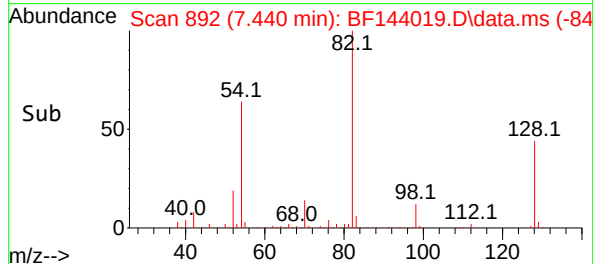
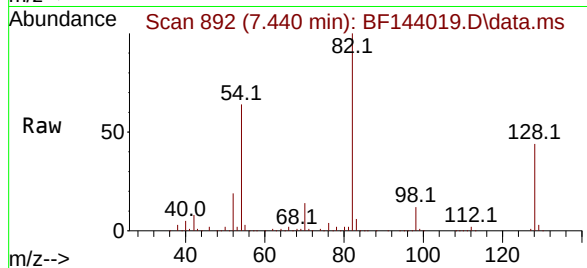
Tgt Ion: 82 Resp: 395841

Ion Ratio Lower Upper

82 100

128 43.5 34.0 51.0

54 64.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

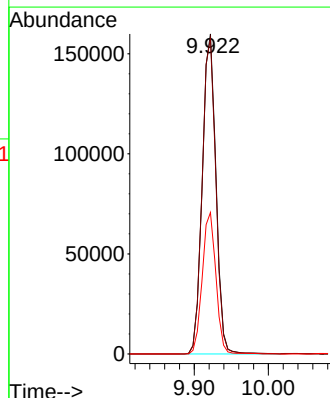
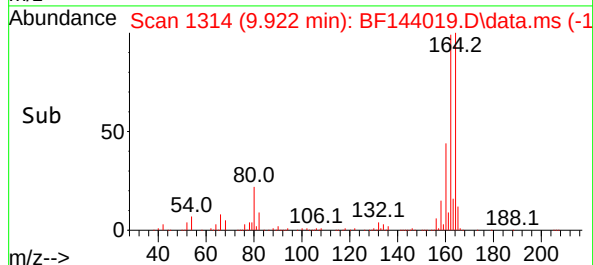
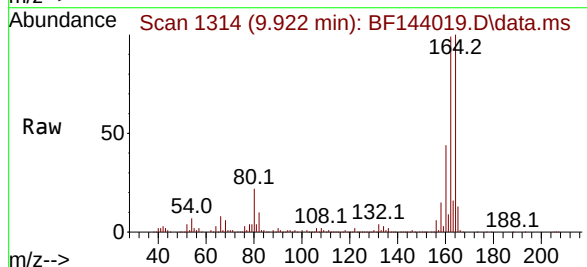
Tgt Ion: 164 Resp: 205210

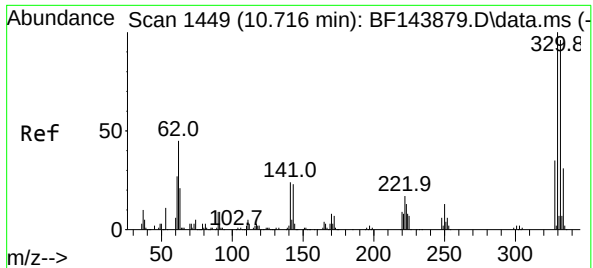
Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

160 44.2 35.4 53.0

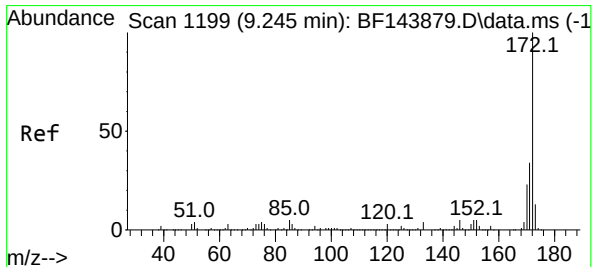
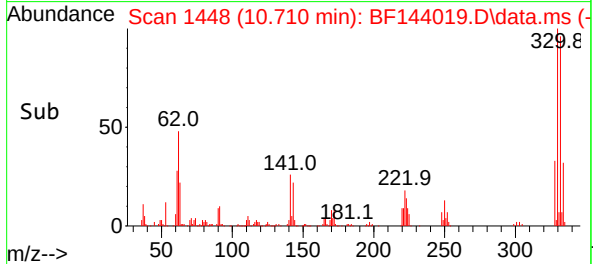
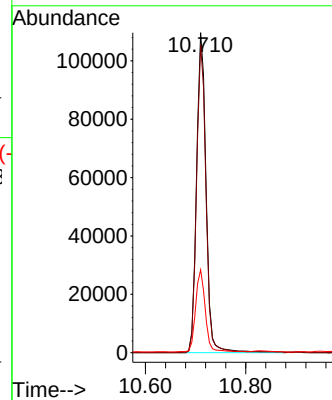
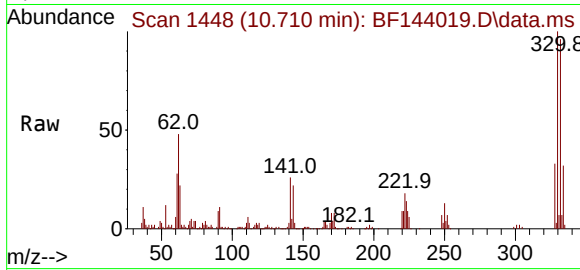




#42
2,4,6-Tribromophenol
Concen: 70.819 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

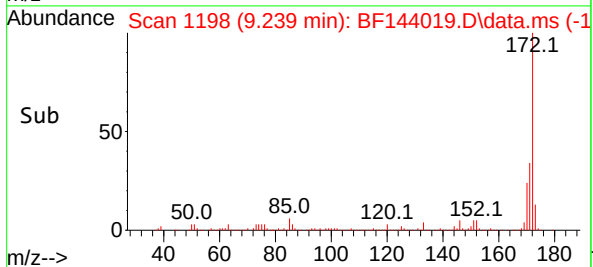
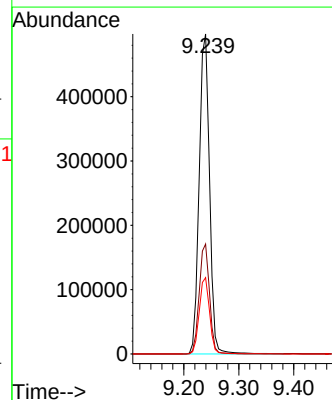
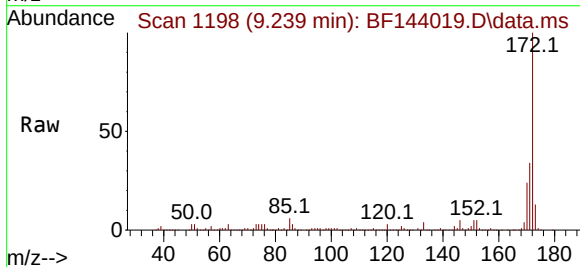
Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

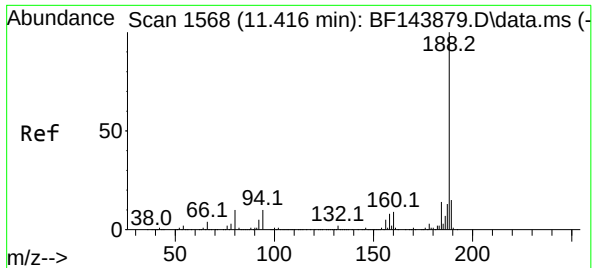
Tgt Ion:330 Resp: 144750
Ion Ratio Lower Upper
330 100
332 94.7 76.9 115.3
141 26.0 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 50.251 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:172 Resp: 649886
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.9 18.6 28.0

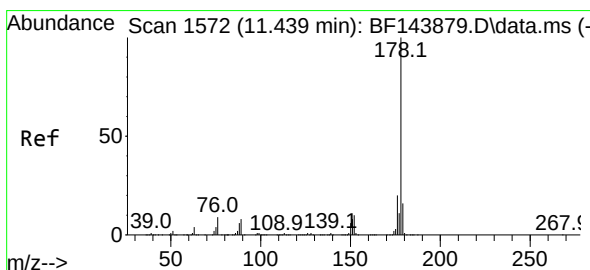
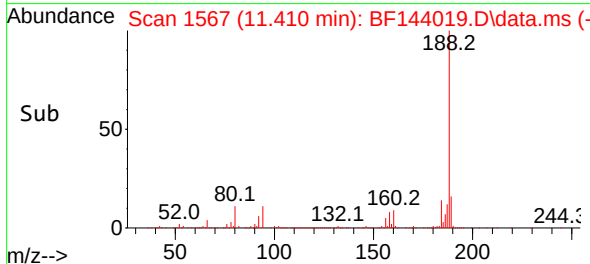
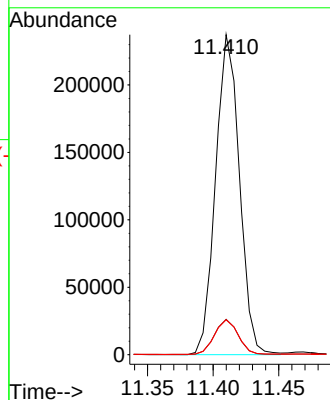
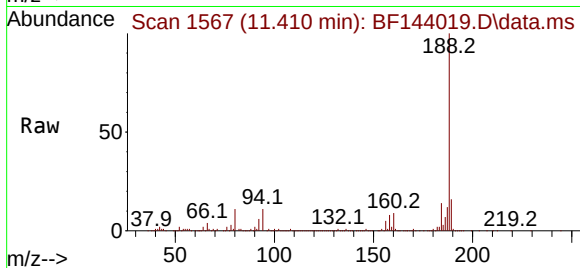




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

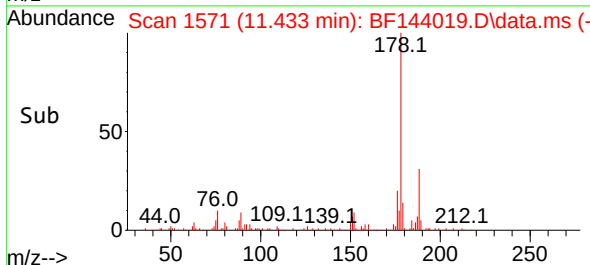
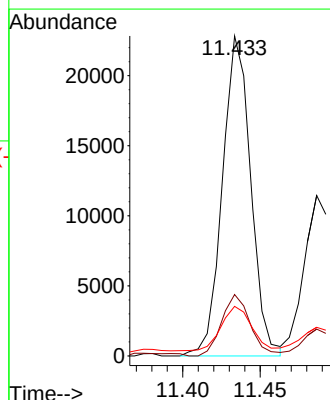
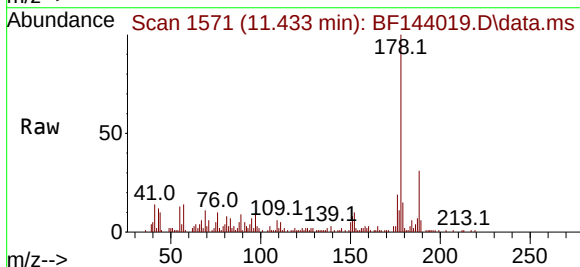
Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

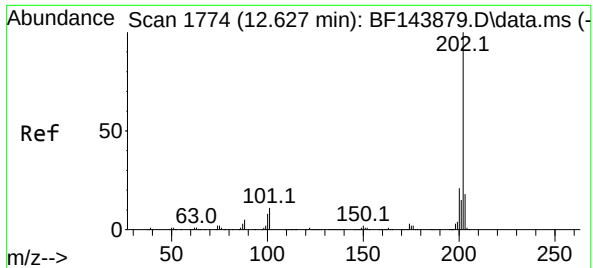
Tgt Ion:188 Resp: 299829
Ion Ratio Lower Upper
188 100
94 11.0 7.8 11.6
80 10.9 7.9 11.9



#71
Phenanthrene
Concen: 2.002 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:178 Resp: 29105
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.5 12.4 18.6

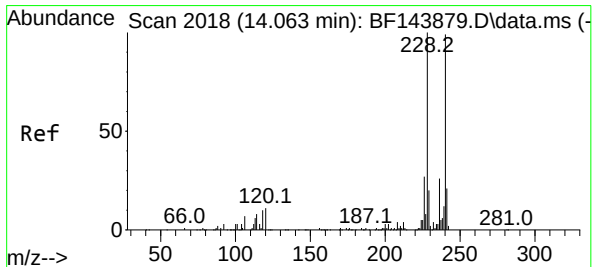
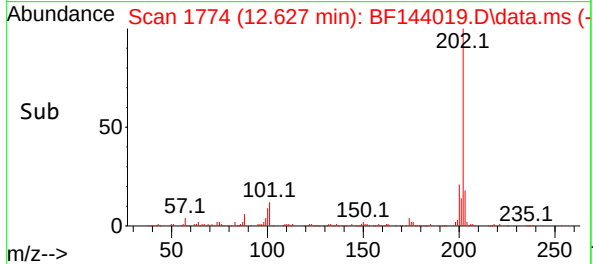
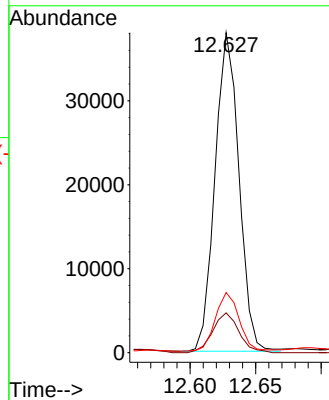
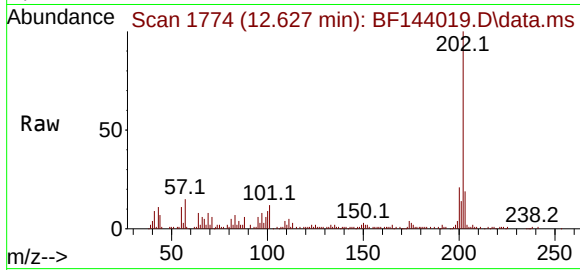




#75
Fluoranthene
Concen: 3.202 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

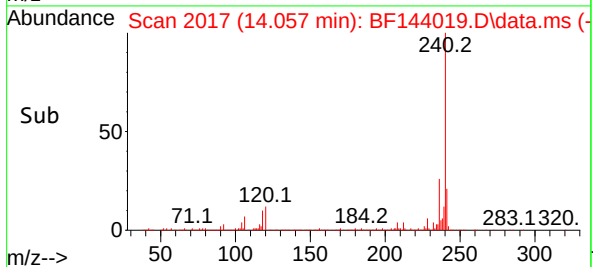
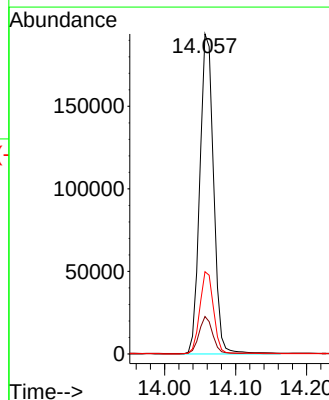
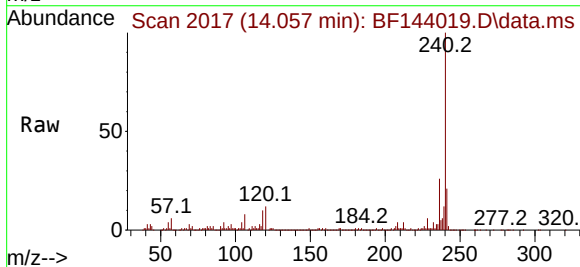
Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

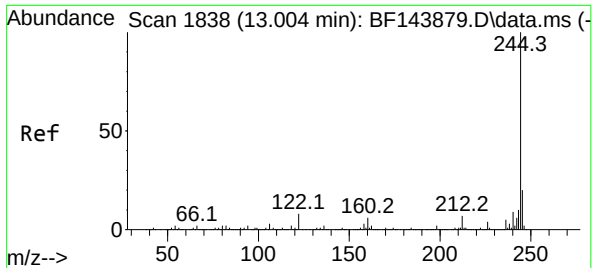
Tgt Ion:	202	Resp:	48071
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	30.7
203	18.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:	240	Resp:	262654
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.6	13.0
236	25.7	21.1	31.7





#79

Terphenyl-d14

Concen: 34.974 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

Instrument :

BNA_F

ClientSampleId :

PR132-DP02-074099-20251016

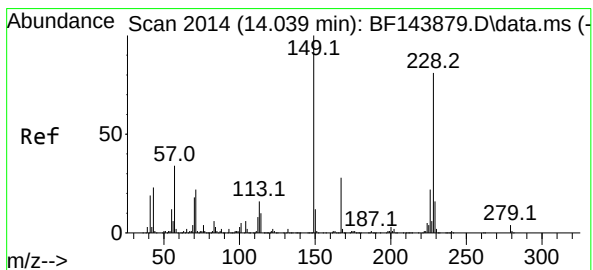
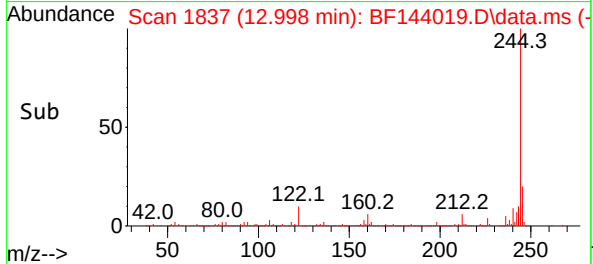
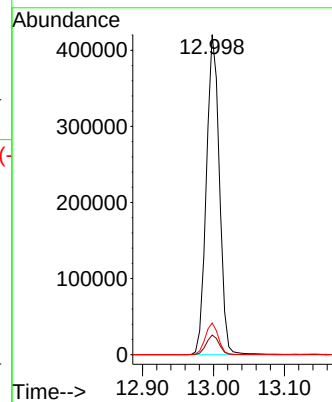
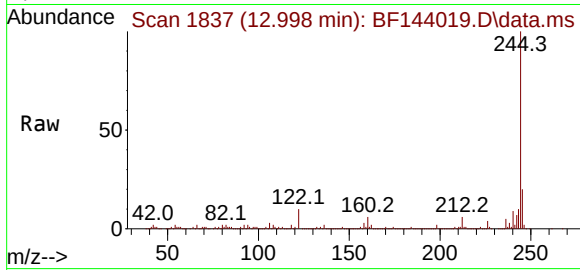
Tgt Ion:244 Resp: 537489

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

122 9.9 6.4 9.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.604 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

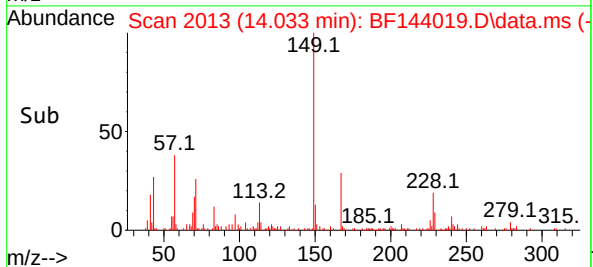
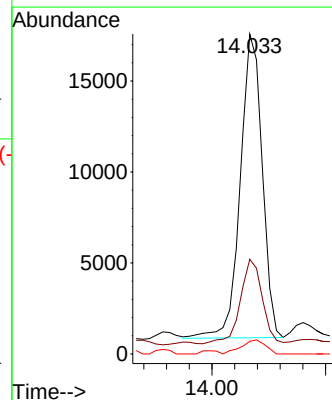
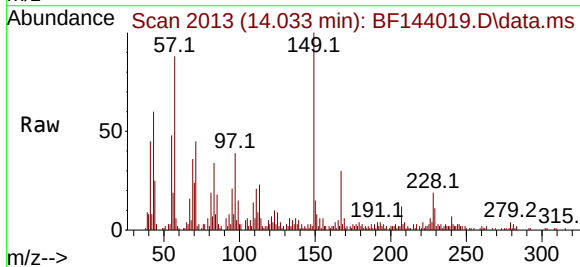
Tgt Ion:149 Resp: 22323

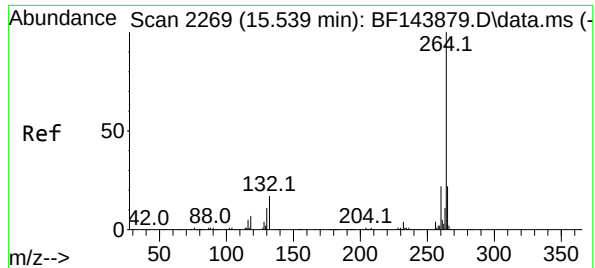
Ion Ratio Lower Upper

149 100

167 29.6 22.2 33.4

279 3.9 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144019.D

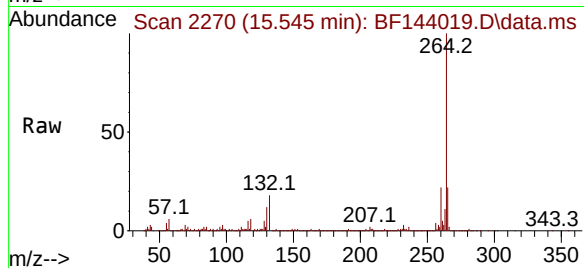
Acq: 21 Oct 2025 18:30

Instrument :

BNA_F

ClientSampleId :

PR132-DP02-074099-20251016



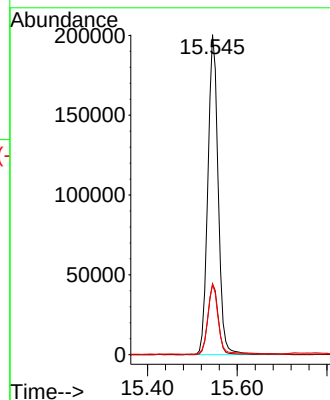
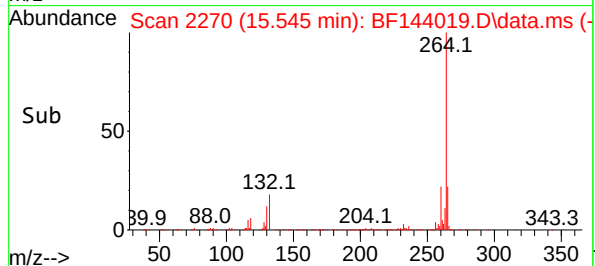
Tgt Ion:264 Resp: 320945

Ion Ratio Lower Upper

264 100

260 22.2 17.8 26.8

265 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	491	495	504	rVB	29156	44965	2.09%	0.277%
2	5.499	556	562	574	rBV	1588880	2105148	97.65%	12.951%
3	6.504	727	733	749	rBV	1586494	2155900	100.00%	13.263%
4	6.704	763	767	776	rVB	20644	33841	1.57%	0.208%
5	6.787	776	781	788	rBV2	24374	42506	1.97%	0.261%
6	6.881	792	797	803	rVB	565919	705155	32.71%	4.338%
7	6.998	809	817	820	rBV4	14119	31043	1.44%	0.191%
8	7.151	838	843	848	rBV	18714	25714	1.19%	0.158%
9	7.440	881	892	901	rBV	944670	1251232	58.04%	7.697%
10	7.693	931	935	942	rVB4	18781	33022	1.53%	0.203%
11	8.163	1009	1015	1021	rBV	671273	864491	40.10%	5.318%
12	8.216	1021	1024	1028	rVB	20967	27011	1.25%	0.166%
13	8.375	1047	1051	1058	rVB4	13422	27041	1.25%	0.166%
14	8.581	1082	1086	1089	rBV	22916	31896	1.48%	0.196%
15	9.181	1185	1188	1192	rVB	29014	34751	1.61%	0.214%
16	9.239	1192	1198	1207	rBV	1344027	1755816	81.44%	10.802%
17	9.316	1207	1211	1216	rBV3	36707	51773	2.40%	0.319%
18	9.634	1260	1265	1269	rBV2	56742	83988	3.90%	0.517%
19	9.787	1287	1291	1294	rBV4	23494	32917	1.53%	0.203%
20	9.834	1295	1299	1306	rVV3	29901	52640	2.44%	0.324%
21	9.922	1308	1314	1318	rBV	656607	846328	39.26%	5.207%
22	10.334	1380	1384	1389	rBV3	22604	48319	2.24%	0.297%
23	10.569	1421	1424	1430	rVB2	22820	35373	1.64%	0.218%
24	10.634	1430	1435	1442	rVV	205738	256718	11.91%	1.579%
25	10.710	1443	1448	1463	rVV	786106	1049940	48.70%	6.459%
26	10.833	1465	1469	1476	rVB2	58300	94748	4.39%	0.583%
27	10.945	1484	1488	1492	rBV	37288	46877	2.17%	0.288%
28	11.298	1546	1548	1555	rVB3	29475	41613	1.93%	0.256%
29	11.410	1562	1567	1577	rBV	581068	827955	38.40%	5.093%
30	11.933	1652	1656	1664	rBV	143338	234483	10.88%	1.443%
31	12.627	1770	1774	1778	rBV	84996	107457	4.98%	0.661%
32	12.857	1809	1813	1818	rBV	68317	91716	4.25%	0.564%
33	12.998	1832	1837	1845	rBV	1057750	1362668	63.21%	8.383%
34	13.904	1988	1991	1999	rBV2	74874	131918	6.12%	0.812%
35	14.057	2010	2017	2030	rBV	531513	865905	40.16%	5.327%
36	15.545	2265	2270	2284	rVB	497951	822329	38.14%	5.059%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

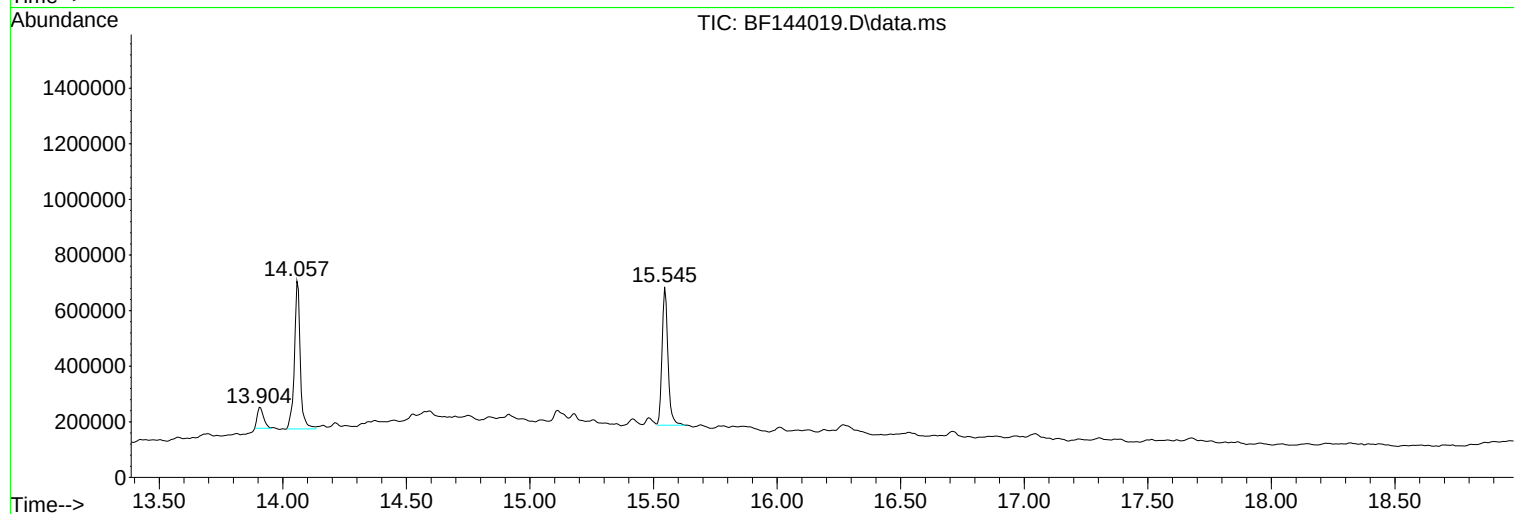
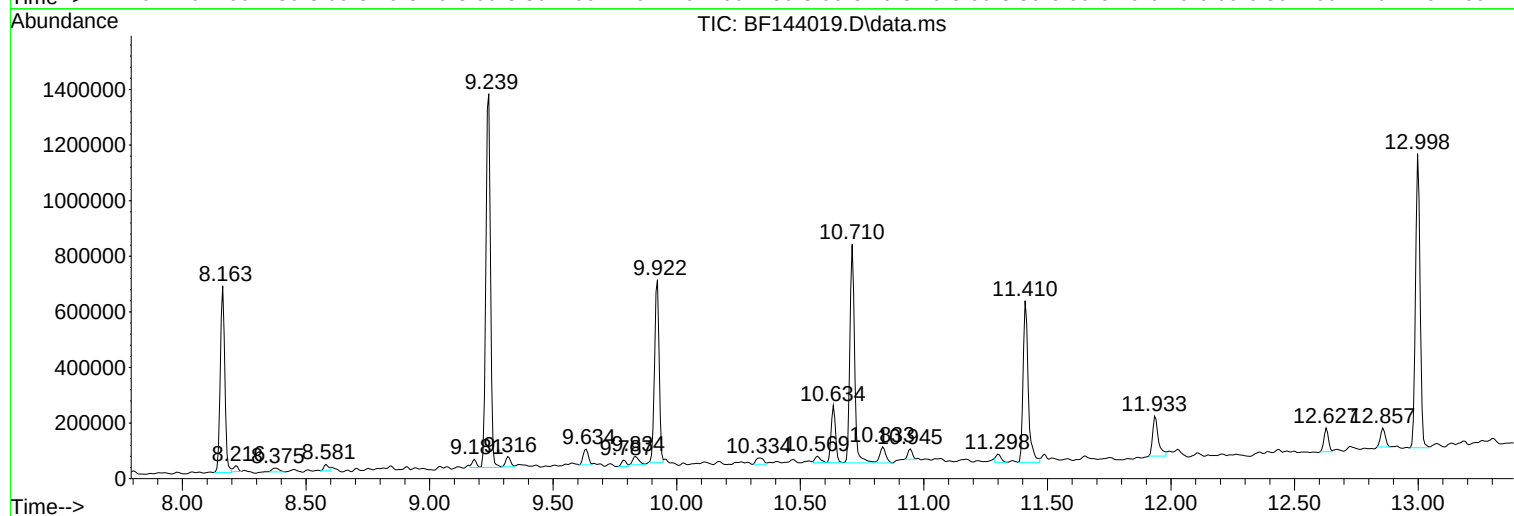
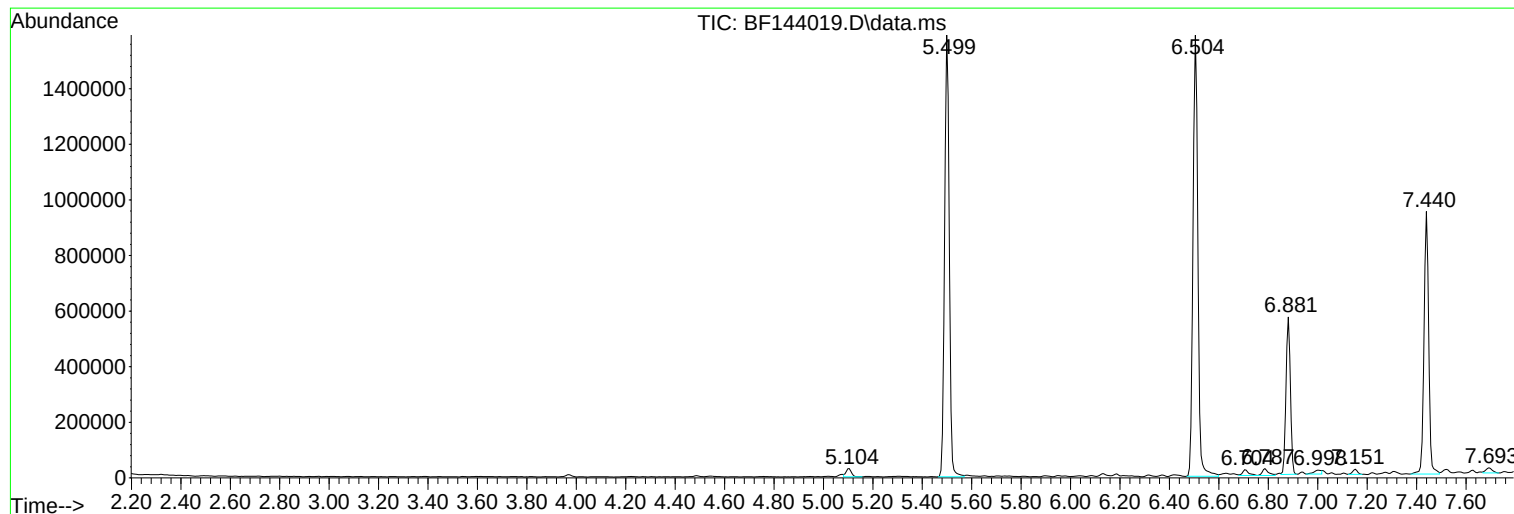
Sum of corrected areas: 16255197

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

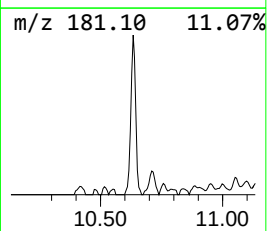
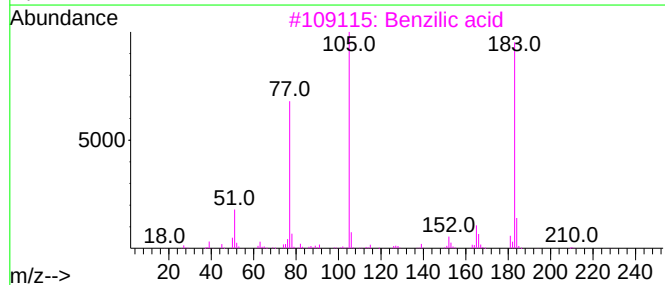
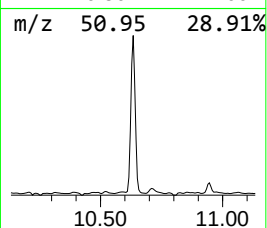
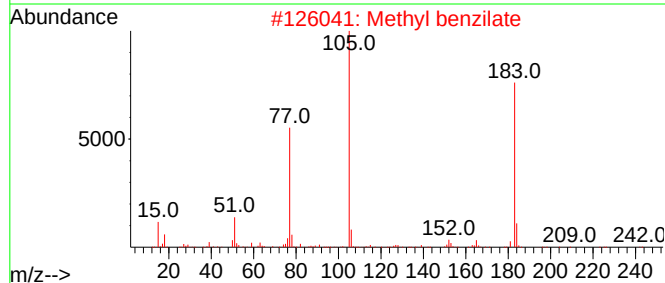
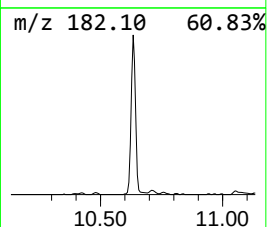
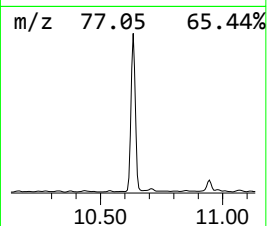
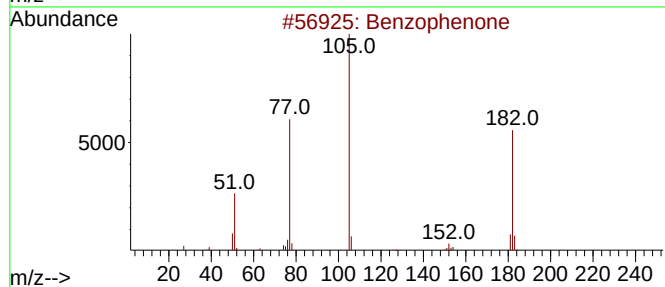
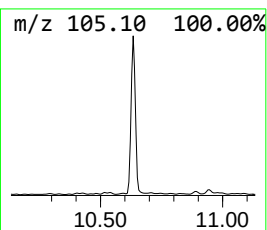
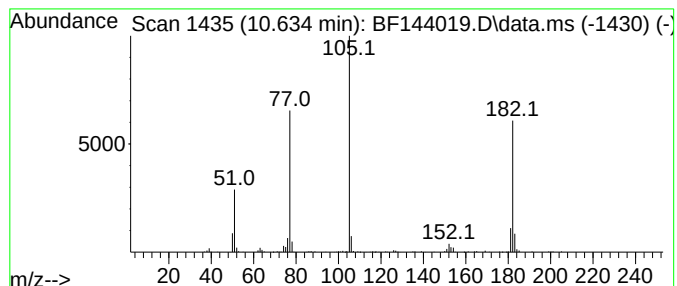
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	6.07 ng	256718	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methyl benzilate	242	C15H14O3	000076-89-1	47
3			Benzilic acid	228	C14H12O3	000076-93-7	47
4			1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47
5			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

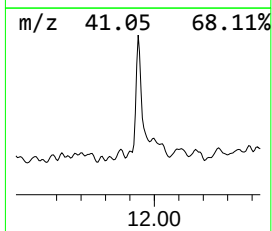
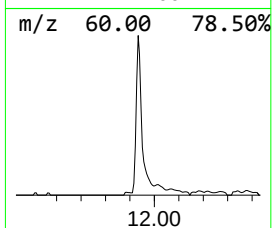
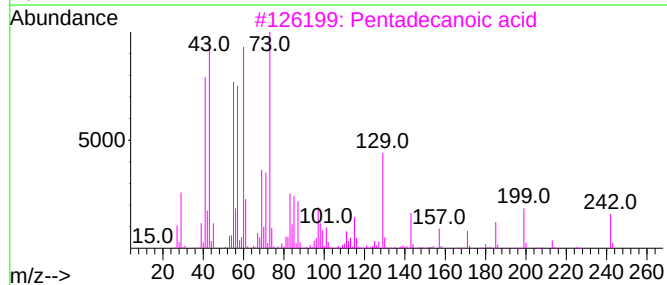
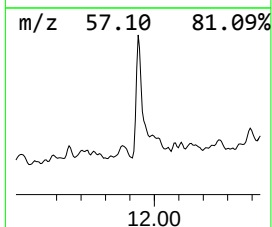
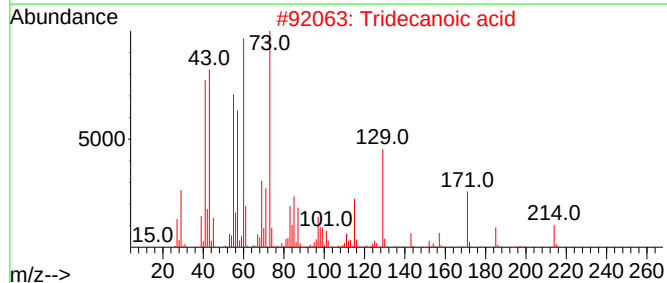
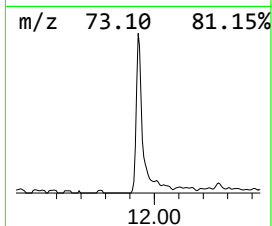
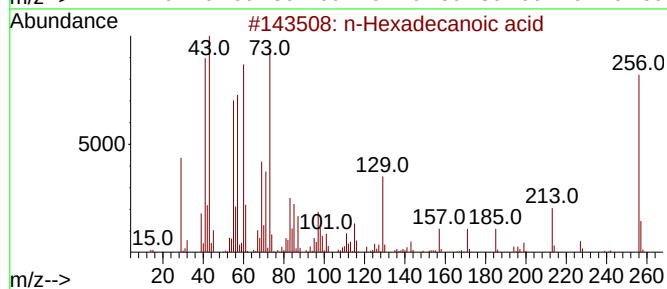
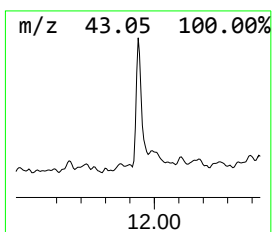
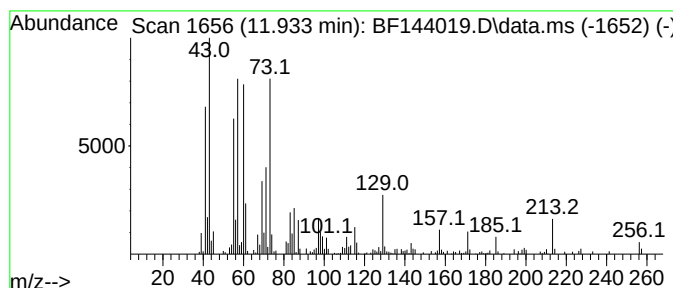
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.66 ng	234483	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

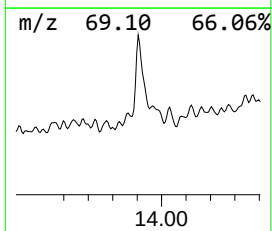
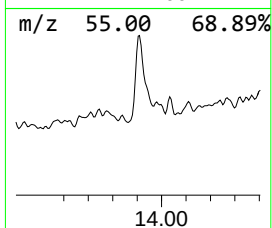
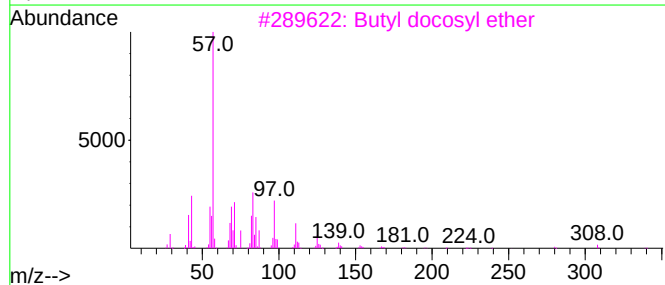
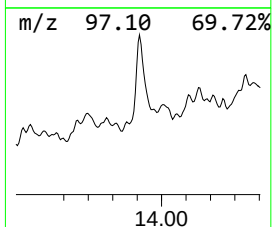
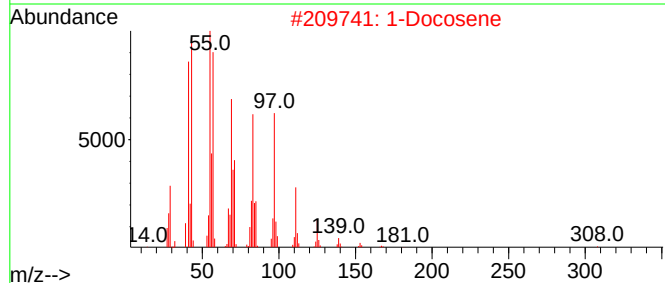
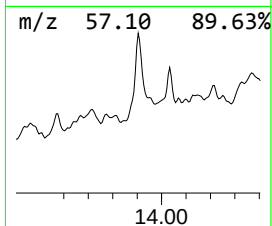
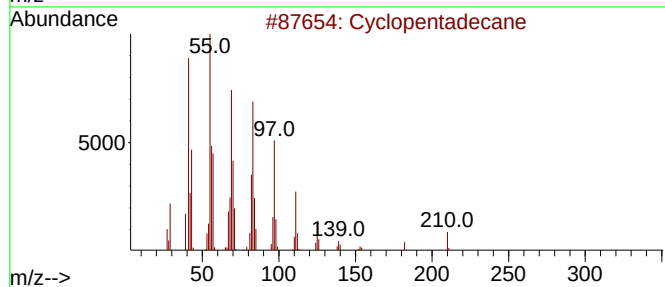
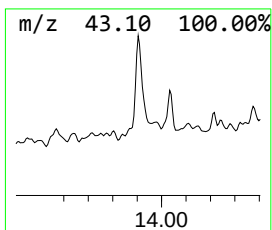
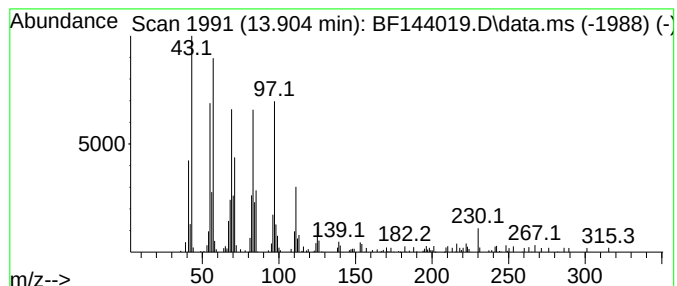
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.05 ng	131918	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	95
2			1-Docosene	308	C22H44	001599-67-3	87
3			Butyl docosyl ether	382	C26H54O	1000406-40-8	83
4			1-Hexacosanol	382	C26H54O	000506-52-5	81
5			Behenic alcohol	326	C22H46O	000661-19-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144019.D
Acq On : 21 Oct 2025 18:30
Operator : RC/JU
Sample : Q3375-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.634	6.1	ng	256718	3	9.922	846328	20.0
n-Hexadecanoic ...	11.933	5.7	ng	234483	4	11.410	827955	20.0
Cyclopentadecane	13.904	3.0	ng	131918	5	14.057	865905	20.0



CALIBRATION SUMMARY

1
2
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18

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF143882.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96	
3)	Pyridine	1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74	
4)	n-Nitrosodimet...	0.825	0.895	0.909	0.917	0.909	0.900	0.893	0.893	3.81	
5) S	2-Fluorophenol	1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15	
6)	Aniline	2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58	
7) S	Phenol-d6	1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62	
8)	2-Chlorophenol	1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90	
9)	Benzaldehyde	1.115	1.026	1.329	1.198	1.390	0.890	1.158	1.158	16.18	
10) C	Phenol	1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33	
11)	bis(2-Chloroet...	1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25	
12)	1,3-Dichlorobe...	1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64	
13) C	1,4-Dichlorobe...	1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88	
14)	1,2-Dichlorobe...	1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06	
15)	Benzyl Alcohol	1.118	1.138	1.173	1.134	1.104	1.082	1.125	1.125	2.79	
16)	2,2'-oxybis(1-...	3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79	
17)	2-Methylphenol	1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10	
18)	Hexachloroethane	0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39	
19) P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)	3+4-Methylphenols	1.401	1.342	1.266	1.067	1.068	0.933	1.179	1.179	15.58	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67	
23) S	Nitrobenzene-d5	0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19	
24)	Nitrobenzene	0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26	
25)	Isophorone	0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04	
26) C	2-Nitrophenol	0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39	
27)	2,4-Dimethylph...	0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08	
28)	bis(2-Chloroet...	0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79	
29) C	2,4-Dichloroph...	0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54	
30)	1,2,4-Trichlor...	0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57	
31)	Naphthalene	1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06	
32)	Benzoic acid	0.131	0.173	0.200	0.216	0.222	0.228	0.195	0.195	18.95	
33)	4-Chloroaniline	0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20	
34) C	Hexachlorobuta...	0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11	
35)	Caprolactam	0.092	0.091	0.095	0.094	0.093	0.094	0.093	0.093	1.59	
36) C	4-Chloro-3-met...	0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27	
37)	2-Methylnaphth...	0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46	
38)	1-Methylnaphth...	0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF100625.M

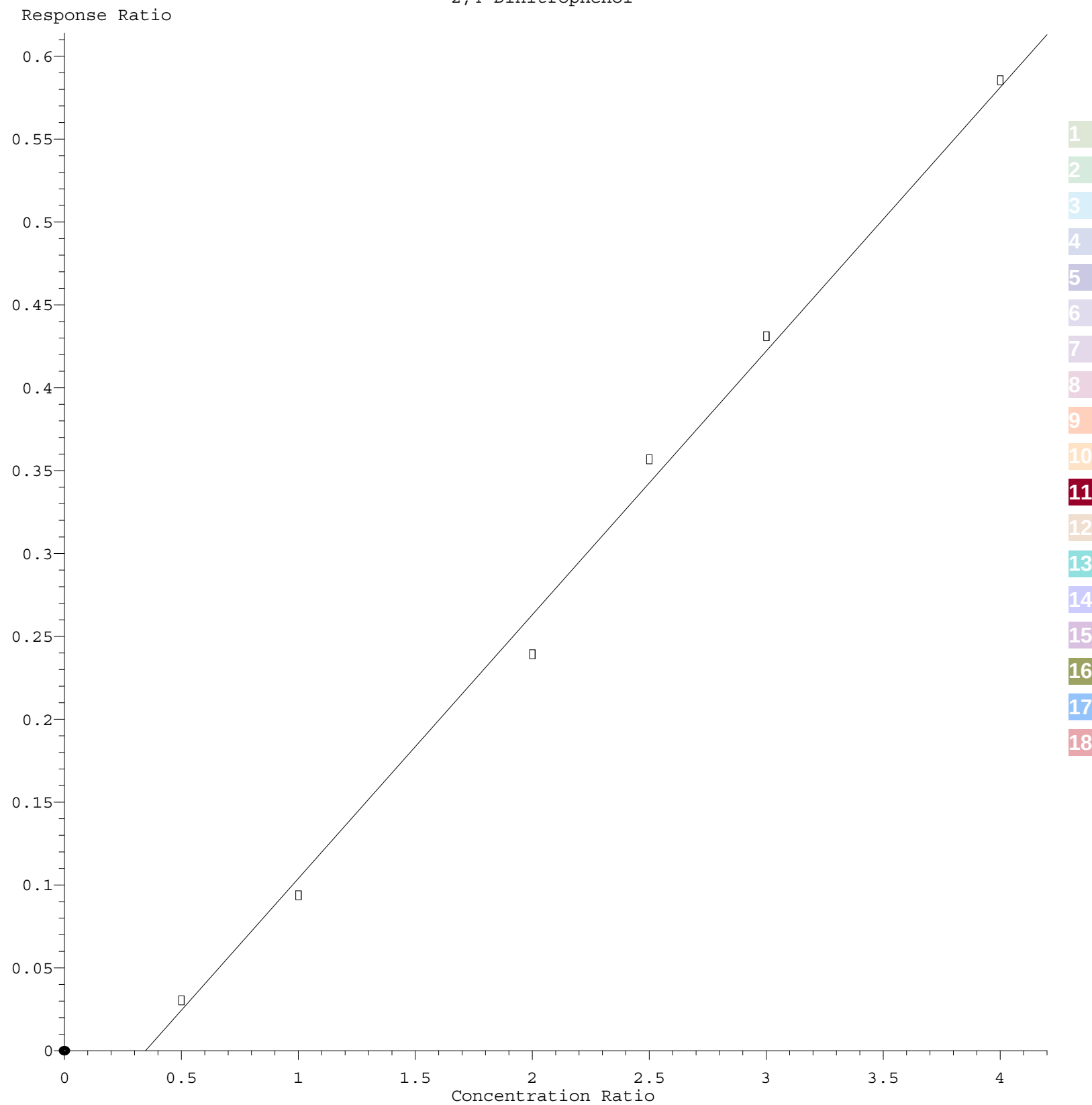
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38	
41) P	Hexachlorocycl...	0.182	0.216	0.257	0.246	0.240	0.235	0.229		11.77	
42) S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51	
43) C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07	
44)	2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34	
45) S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04	
46)	1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77	
47)	2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50	
48)	2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43	
49)	Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11	
50)	Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29	
51)	2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13	
52) C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21	
53)	3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59	
54) P	2,4-Dinitrophenol	0.061	0.094	0.120	0.143	0.144	0.146	0.118		29.25	
55)	Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13	
56) P	4-Nitrophenol	0.173	0.215	0.234	0.230	0.228	0.230	0.218		10.55	
57)	2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30	
58)	Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21	
59)	2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49	
60)	Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62	
61)	4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43	
62)	4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25	
63)	Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.065	0.092	0.111	0.112	0.114	0.110	0.101		19.26	
66) c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22	
67)	4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74	
68)	Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59	
69)	Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44	
70) C	Pentachlorophenol	0.117	0.152	0.157	0.154	0.154	0.147	0.147		10.10	
71)	Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94	
72)	Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43	
73)	Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10	
74)	Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76	
75) C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.701	0.719	0.761	0.651	0.640		0.694		7.16	
78)	Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87	
79) S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70	
80)	Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31	
81)	Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49	
82)	3,3'-Dichlorob...	0.364	0.403	0.440	0.401	0.404	0.381	0.399		6.41	
83)	Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41	
84)	Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70	
85) c	Di-n-octyl pht...	0.837	1.009	1.194	1.108	1.151	1.133	1.072		12.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97	
88)	Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63	
89)	Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11	
90) C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17	
91)	Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89	
92)	Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08	

(#) = Out of Range

2,4-Dinitrophenol



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

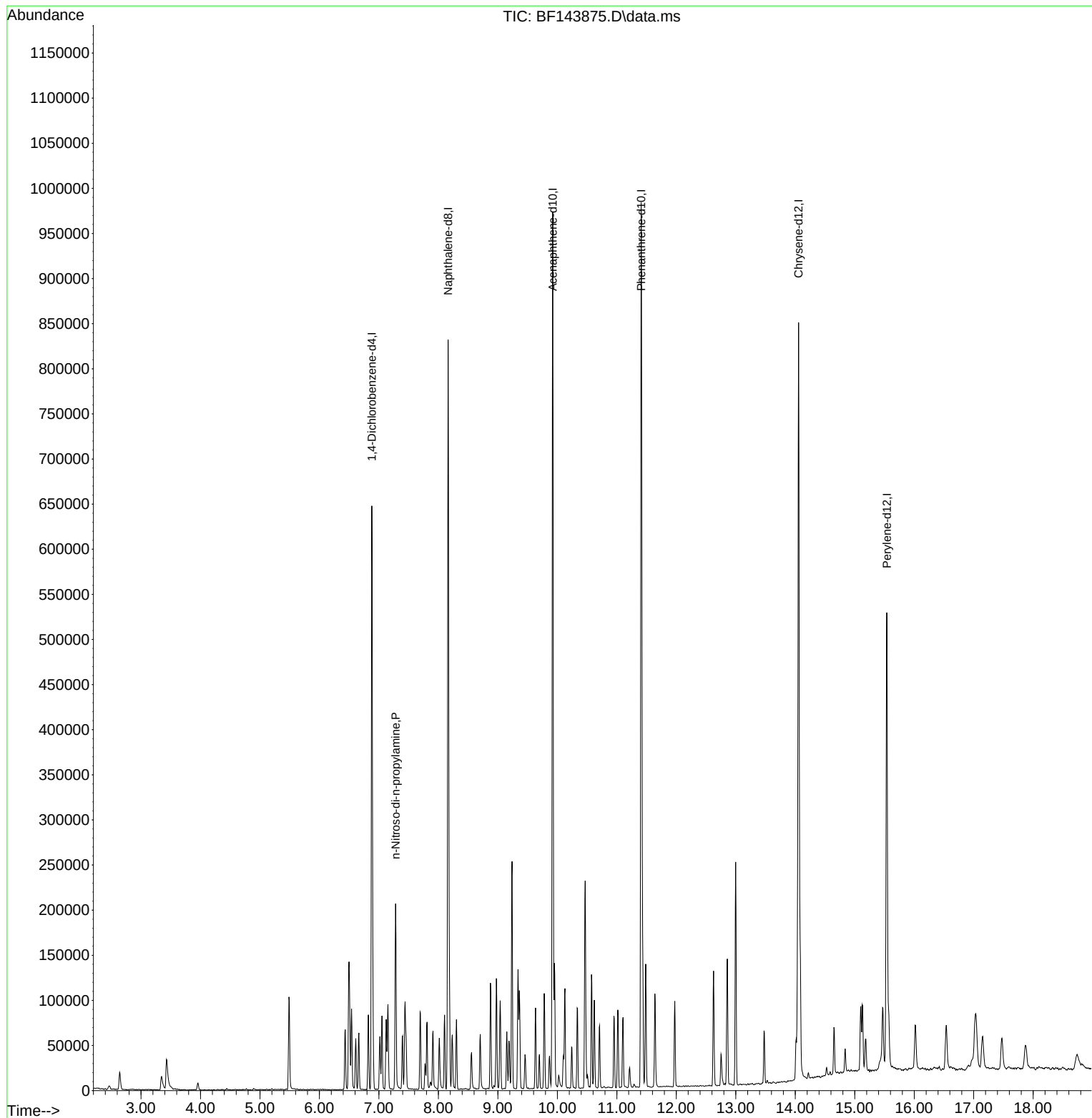
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128129	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501174	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285618	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	520523	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373433	20.000	ng	-0.01
86) Perylene-d12	15.539	264	316147	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...	7.281	70	16847	2.559	ng	Qvalue 98

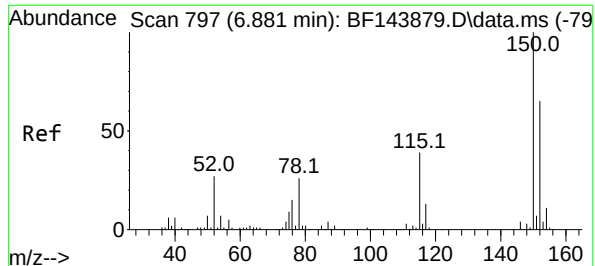
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

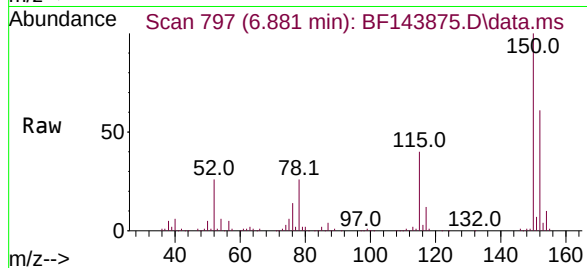
Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



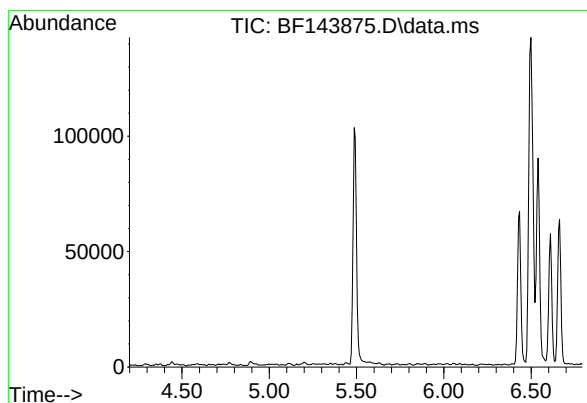
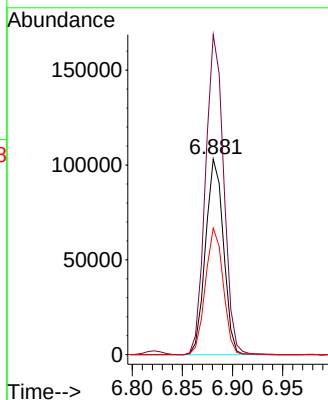
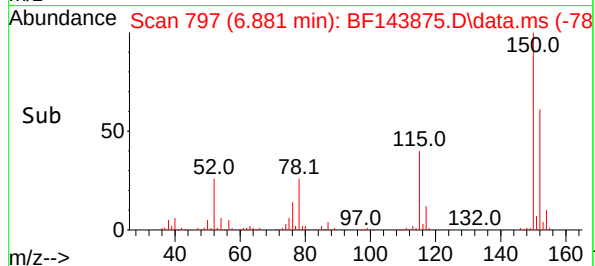


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



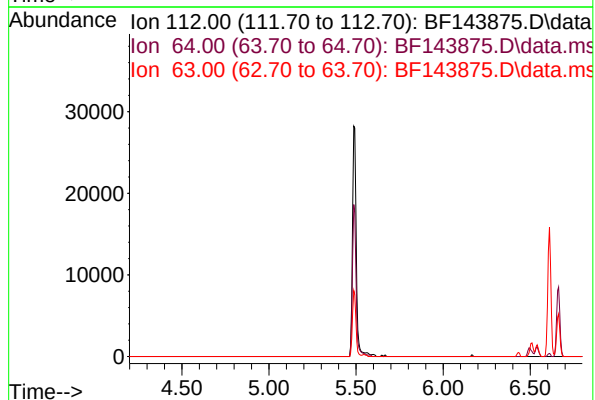
Tgt Ion:152 Resp: 128129
Ion Ratio Lower Upper
152 100
150 163.6 124.4 186.6
115 64.7 48.1 72.1

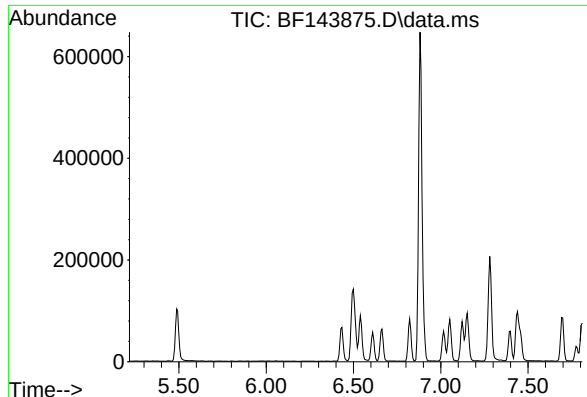


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 112
Sig Exp Ratio
112 100
64 61.4
63 30.6

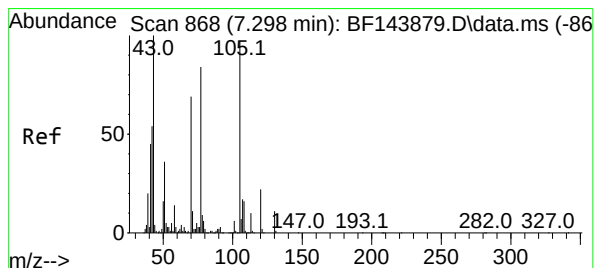
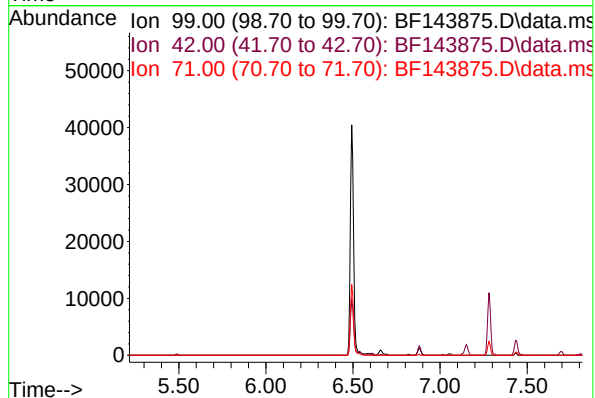




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

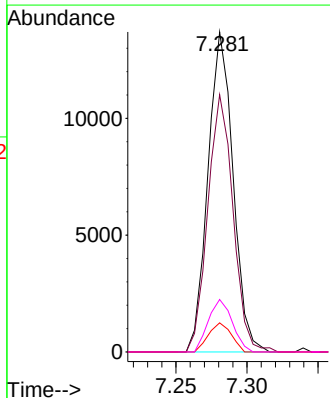
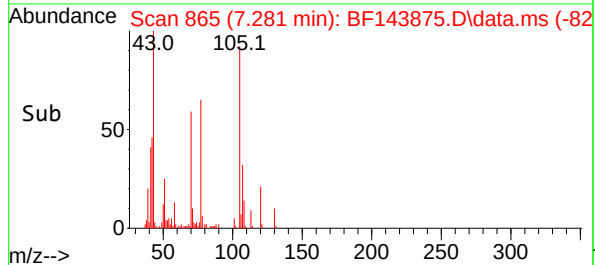
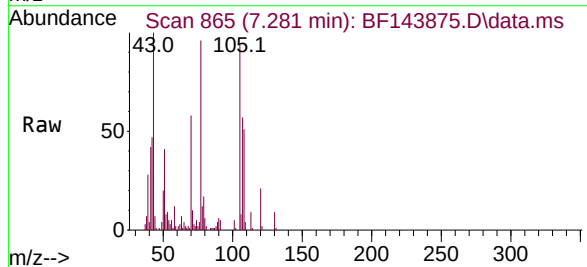
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

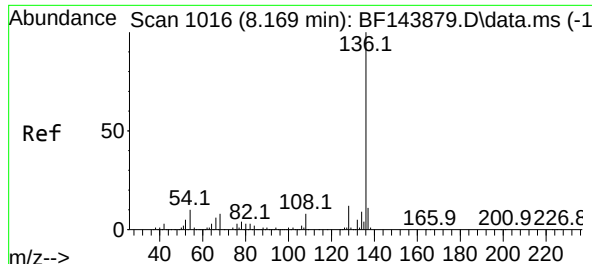
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.2
71 34.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.559 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 70 Resp: 16847
Ion Ratio Lower Upper
70 100
42 80.4 62.8 94.2
101 9.1 6.7 10.1
130 16.4 13.0 19.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 501174

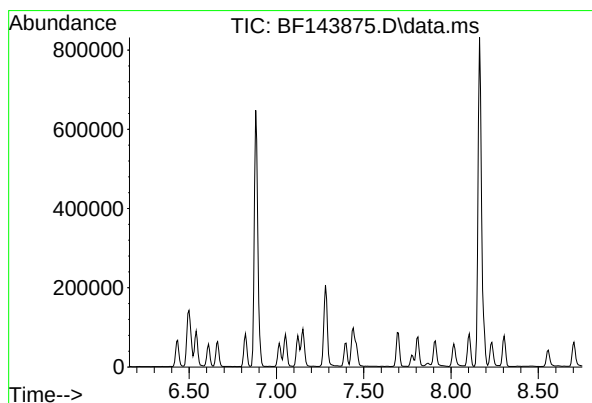
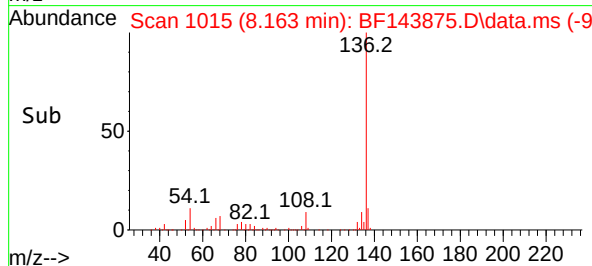
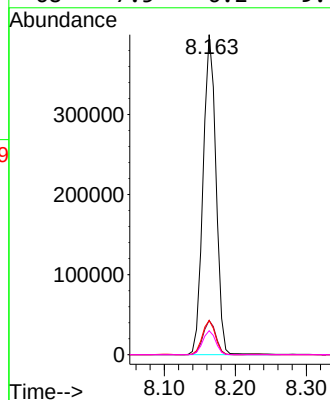
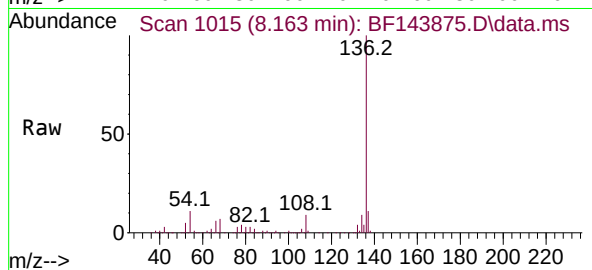
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.7 8.2 12.4

68 7.5 6.2 9.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.46 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

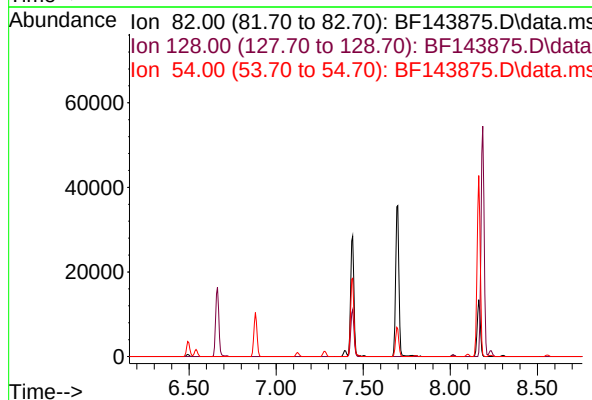
Tgt Ion: 82

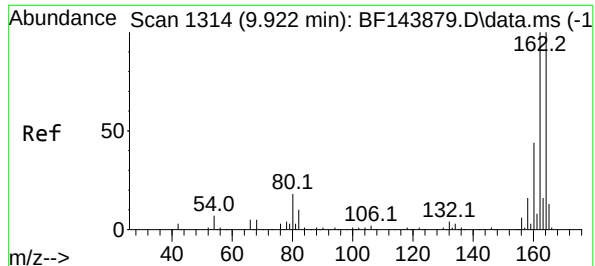
Sig Exp Ratio

82 100

128 42.5

54 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143875.D

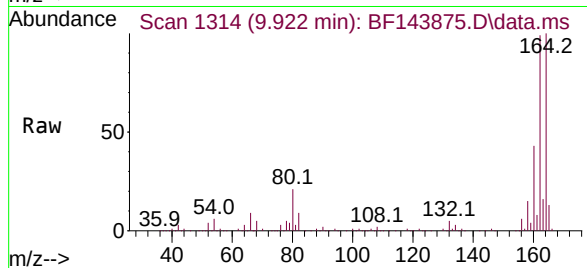
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



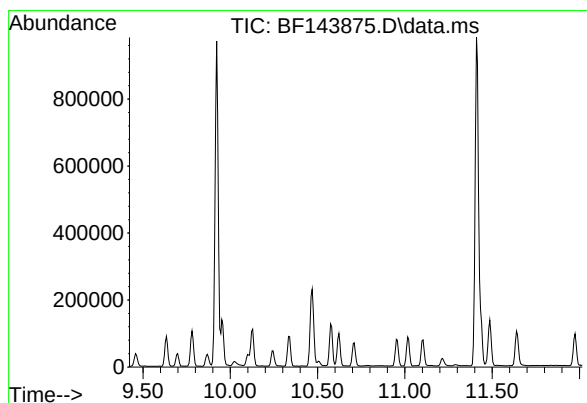
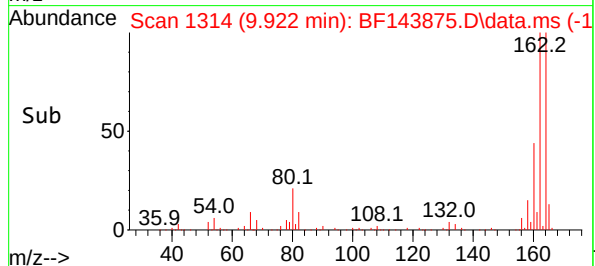
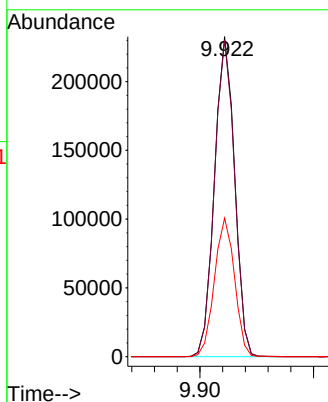
Tgt Ion:164 Resp: 285618

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 43.3 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

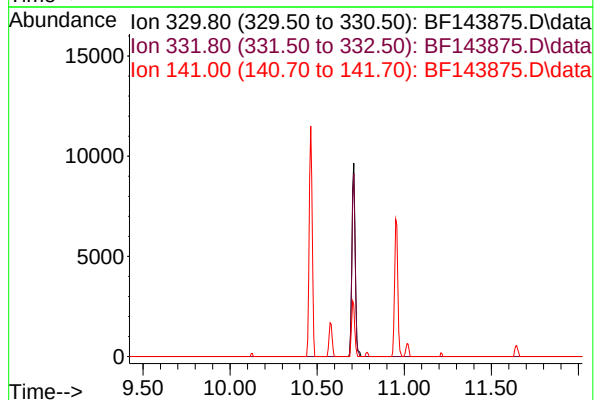
Tgt Ion: 330

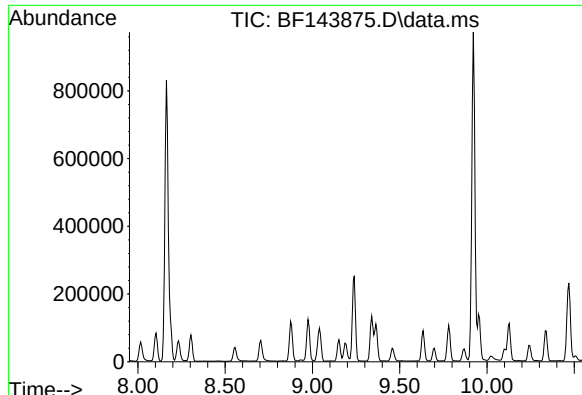
Sig Exp Ratio

330 100

332 96.1

141 25.3





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

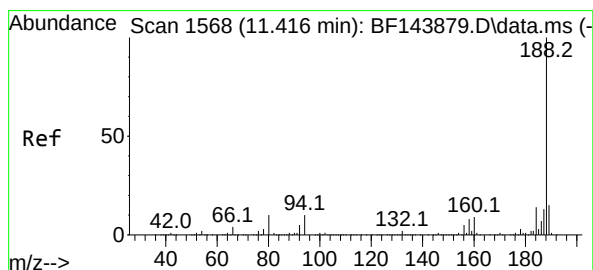
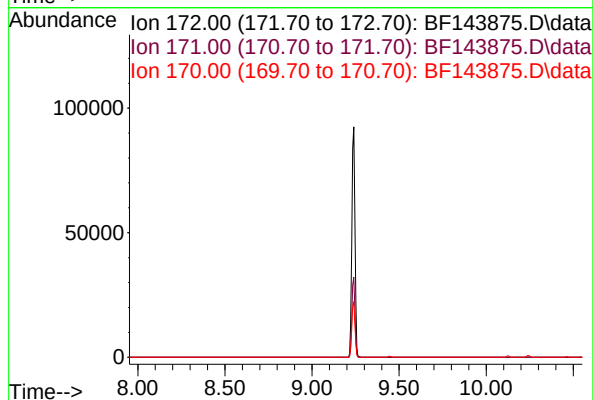
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.2

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

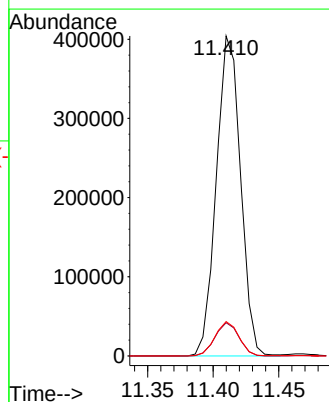
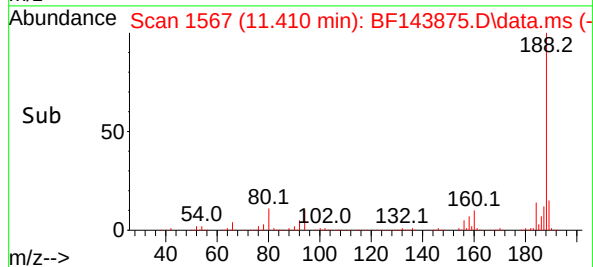
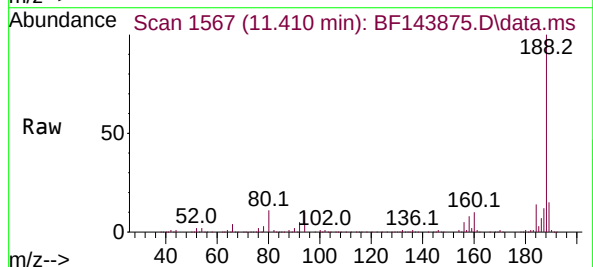
Tgt Ion: 188 Resp: 520523

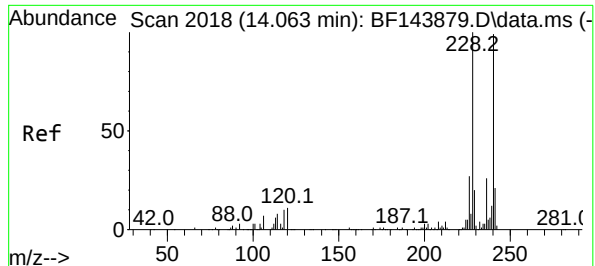
Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

80 10.7 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF143875.D

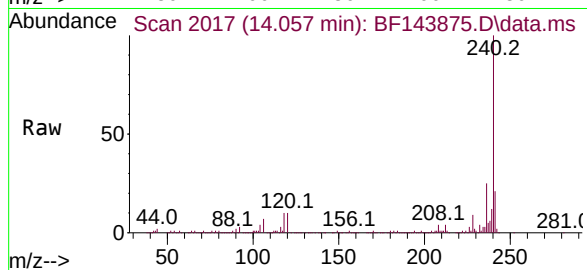
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



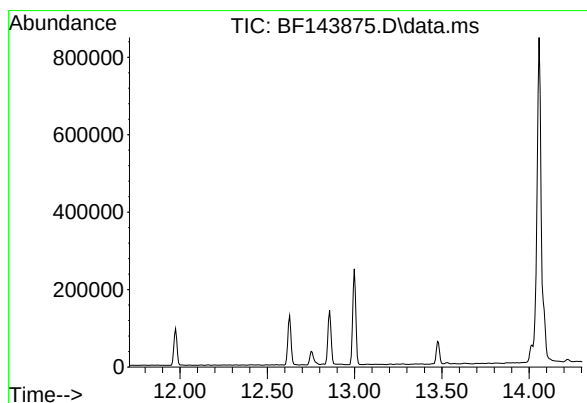
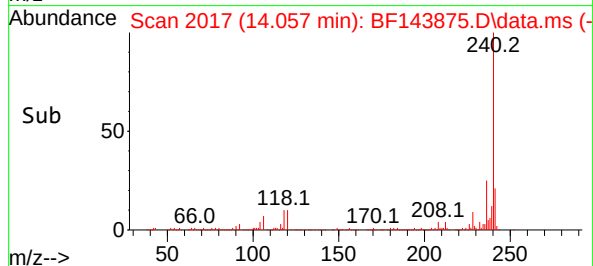
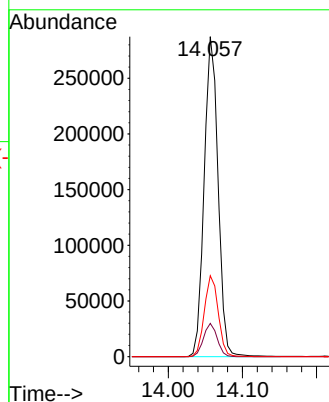
Tgt Ion:240 Resp: 373433

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 25.3 21.1 31.7



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.01 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

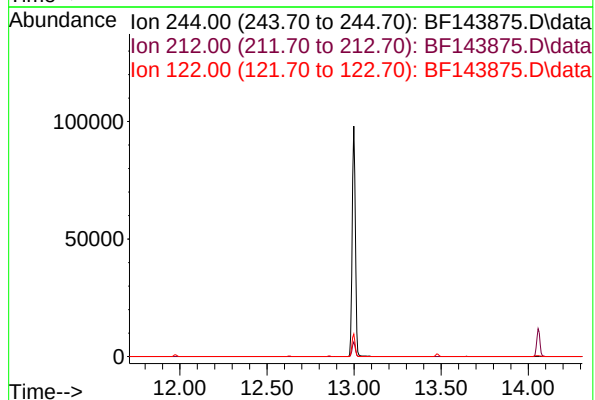
Tgt Ion: 244

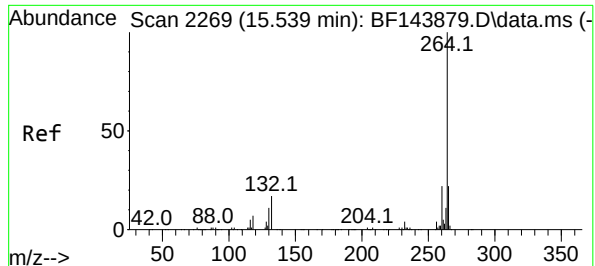
Sig Exp Ratio

244 100

212 6.7

122 8.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143875.D

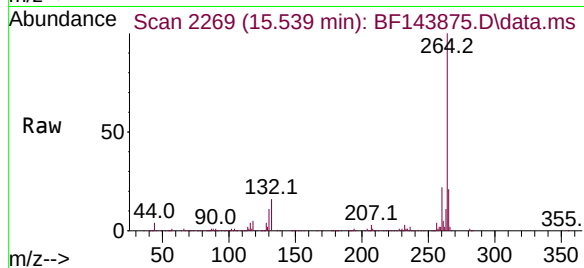
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



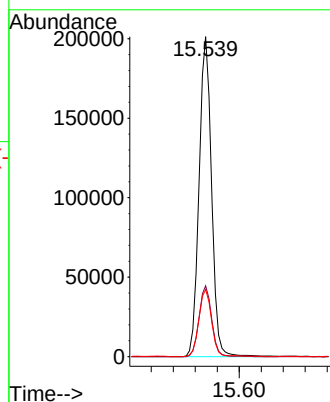
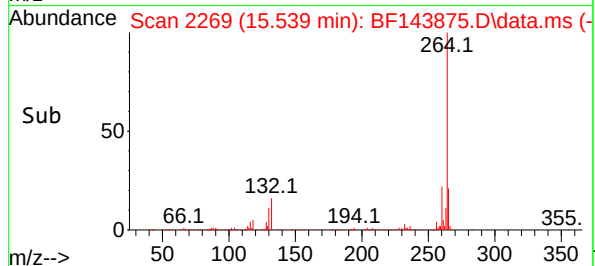
Tgt Ion:264 Resp: 316147

Ion Ratio Lower Upper

264 100

260 22.1 17.8 26.8

265 21.0 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	524114	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	303230	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	538298	20.000	ng	0.00
76) Chrysene-d12	14.057	240	379937	20.000	ng	-0.01
86) Perylene-d12	15.539	264	317181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	94810	10.942	ng	-0.01
7) Phenol-d6	6.493	99	111877	10.832	ng	-0.02
23) Nitrobenzene-d5	7.440	82	85080	9.862	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	29360	9.721	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	237689	12.438	ng	-0.01
79) Terphenyl-d14	12.998	244	247223	11.121	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	21110	5.265	ng	96
3) Pyridine	3.422	79	58179	4.984	ng	96
6) Aniline	6.540	93	82563	5.335	ng	99
8) 2-Chlorophenol	6.663	128	45534	5.376	ng	96
10) Phenol	6.510	94	66523m	5.388	ng	
11) bis(2-Chloroethyl)ether	6.610	93	51163	5.364	ng	98
12) 1,3-Dichlorobenzene	6.822	146	59929	5.911	ng	96
13) 1,4-Dichlorobenzene	6.898	146	56869	5.686	ng	98
14) 1,2-Dichlorobenzene	7.051	146	54371	5.676	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	121082	5.577	ng	99
17) 2-Methylphenol	7.122	107	36595	5.228	ng	97
18) Hexachloroethane	7.398	117	18346	5.501	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	39050	5.524	ng	98
22) Acetophenone	7.287	105	67515	6.092	ng	95
24) Nitrobenzene	7.457	77	48413	5.054	ng	96
25) Isophorone	7.692	82	98761	5.429	ng	100
26) 2-Nitrophenol	7.775	139	15870	3.864	ng	93
27) 2,4-Dimethylphenol	7.810	122	37645	5.095	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	66779	5.812	ng	99
29) 2,4-Dichlorophenol	8.016	162	41484	5.390	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	43309	5.722	ng	100
31) Naphthalene	8.187	128	144561	6.063	ng	100
33) 4-Chloroaniline	8.234	127	48181	5.388	ng	97
34) Hexachlorobutadiene	8.304	225	30246	5.751	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	39500	5.343	ng	99
37) 2-Methylnaphthalene	8.875	142	97227	6.122	ng	100
38) 1-Methylnaphthalene	8.975	142	94190	6.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	46252	5.519	ng	93
43) 2,4,6-Trichlorophenol	9.151	196	30908	5.047	ng	98
44) 2,4,5-Trichlorophenol	9.187	196	33613	5.194	ng	94
46) 1,1'-Biphenyl	9.339	154	122568	6.105	ng	100
47) 2-Chloronaphthalene	9.363	162	98102	5.861	ng	98
48) 2-Nitroaniline	9.457	65	22188	4.193	ng	98
49) Acenaphthylene	9.781	152	136204	5.788	ng	98
50) Dimethylphthalate	9.634	163	109323	5.677	ng	98
51) 2,6-Dinitrotoluene	9.698	165	15228	4.265	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.951	154	89242	5.787	ng	98
53) 3-Nitroaniline	9.869	138	19400	4.437	ng #	97
55) Dibenzofuran	10.128	168	127374	5.852	ng	99
57) 2,4-Dinitrotoluene	10.098	165	19103	3.932	ng #	97
58) Fluorene	10.469	166	105607	6.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20888	4.560	ng #	96
60) Diethylphthalate	10.339	149	100010	5.590	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	52199	6.011	ng	95
62) 4-Nitroaniline	10.475	138	19447	4.625	ng	95
63) Azobenzene	10.622	77	105174	5.625	ng	98
66) n-Nitrosodiphenylamine	10.575	169	95847	5.671	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	33236	5.587	ng	95
68) Hexachlorobenzene	11.016	284	37233	5.406	ng	97
69) Atrazine	11.104	200	26507	5.174	ng	93
71) Phenanthrene	11.433	178	156676	6.004	ng	99
72) Anthracene	11.486	178	156289	5.928	ng	99
73) Carbazole	11.639	167	136597	5.850	ng	97
74) Di-n-butylphthalate	11.975	149	146596	5.417	ng	98
75) Fluoranthene	12.627	202	155574	5.771	ng	98
78) Pyrene	12.857	202	174542	5.510	ng	99
80) Butylbenzylphthalate	13.474	149	44252	4.302	ng	99
81) Benzo(a)anthracene	14.045	228	127434	5.125	ng	98
83) Chrysene	14.080	228	130450	5.669	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	56165	4.529	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	88321	4.544	ng	95
88) Benzo(b)fluoranthene	15.098	252	95737	5.255	ng	100
89) Benzo(k)fluoranthene	15.127	252	90226	5.352	ng	99
90) Benzo(a)pyrene	15.474	252	79275	5.018	ng #	96
91) Dibenzo(a,h)anthracene	17.045	278	70452	4.507	ng	97
92) Benzo(g,h,i)perylene	17.474	276	70468	4.508	ng	96

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

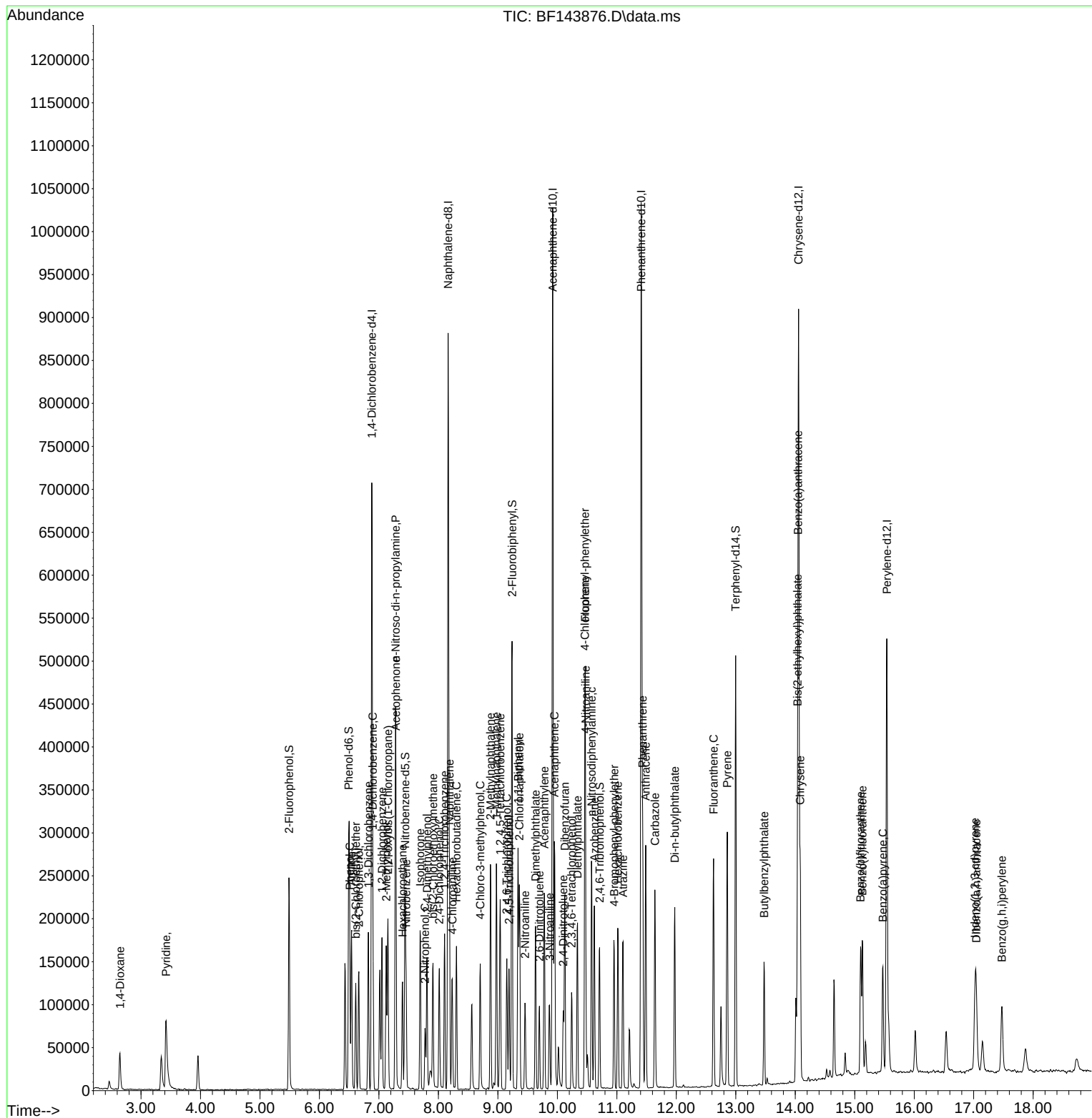
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Data File : BF143876.D  
Acq On    : 06 Oct 2025  10:28  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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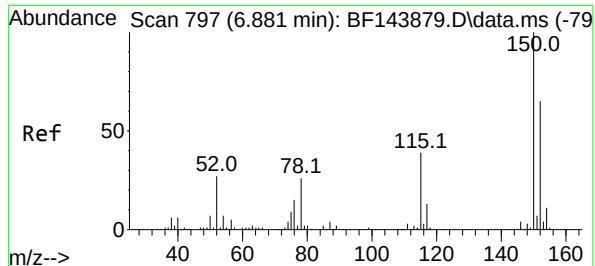
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jaagrut Upadhyay 10/07/2025

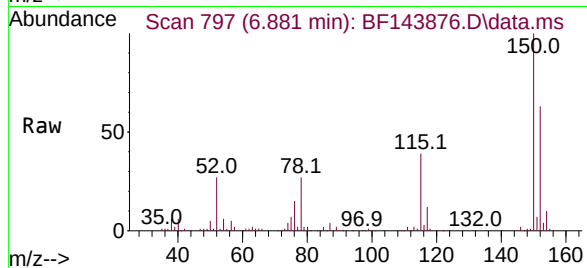
Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

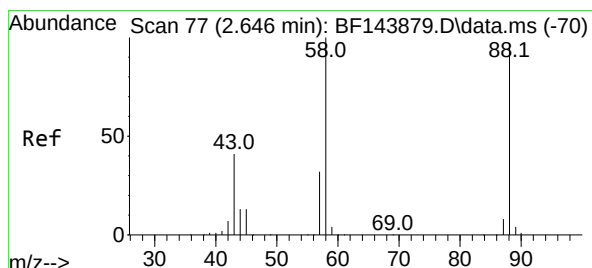
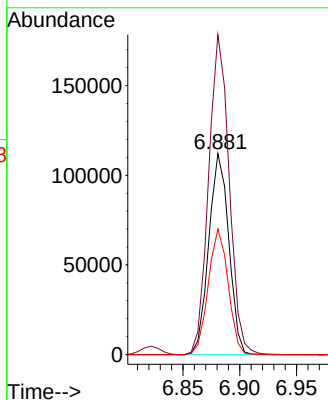
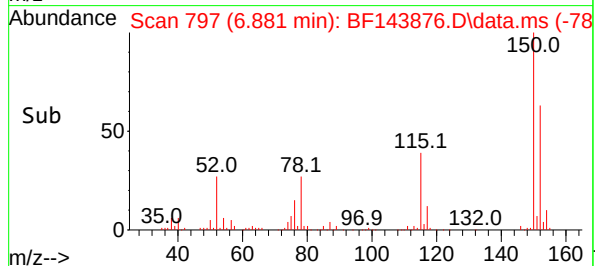
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 137596
Ion Ratio Lower Upper
152 100
150 159.1 124.4 186.6
115 62.4 48.1 72.1

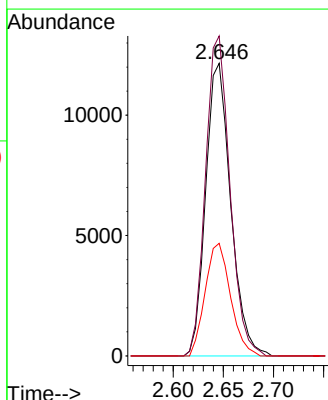
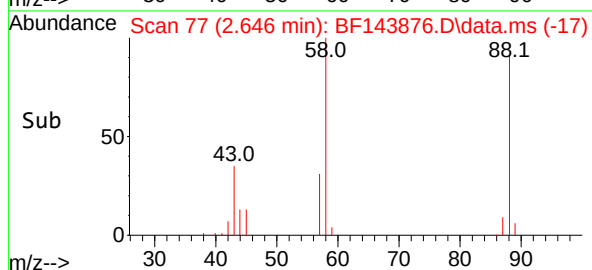
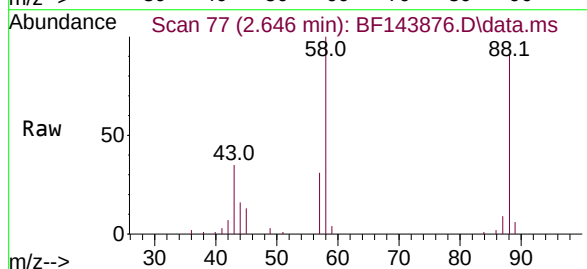
Manual Integrations
APPROVED

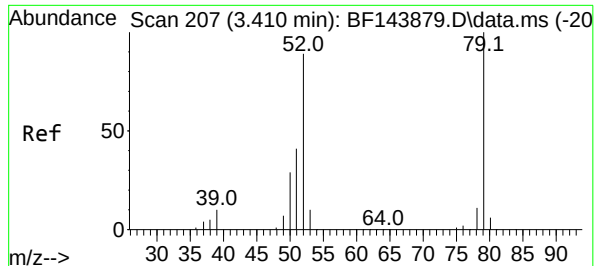
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 5.265 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 88 Resp: 21110
Ion Ratio Lower Upper
88 100
58 106.6 83.0 124.6
43 38.9 33.9 50.9





#3

Pyridine

Concen: 4.984 ng

RT: 3.422 min Scan# 207

Delta R.T. 0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

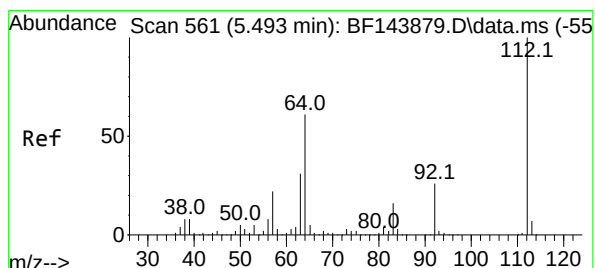
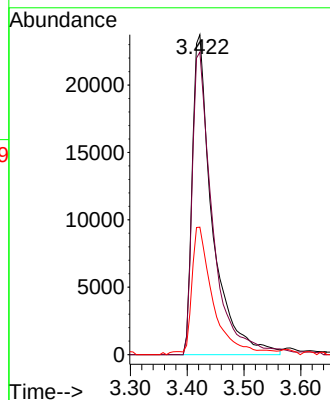
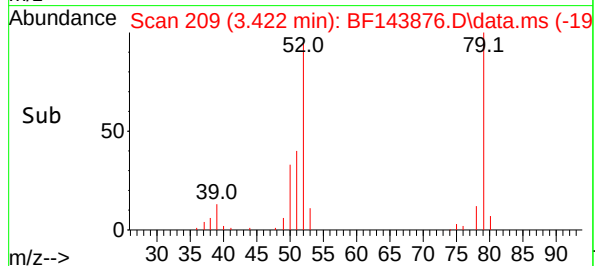
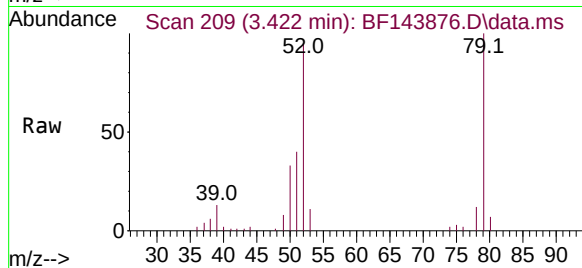
SSTDIC005

Tgt Ion:	79	Resp:	58179
Ion	Ratio	Lower	Upper
79	100		
52	94.5	71.5	107.3
51	39.8	32.9	49.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#5

2-Fluorophenol

Concen: 10.942 ng

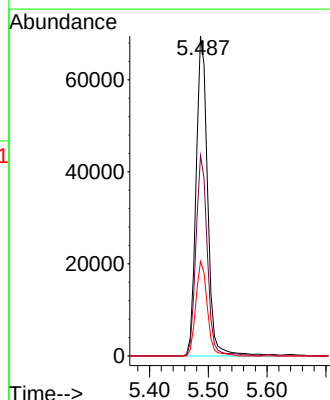
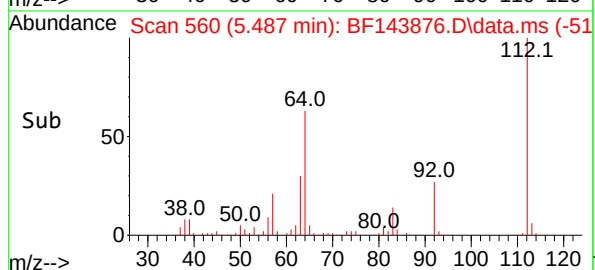
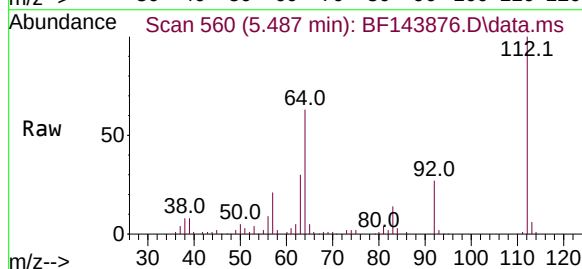
RT: 5.487 min Scan# 560

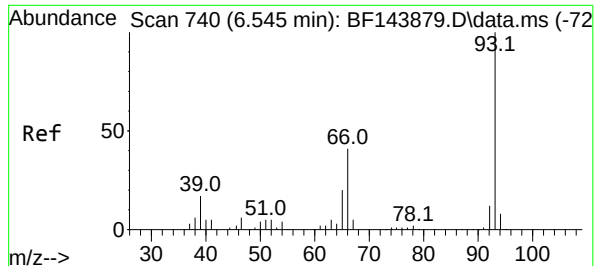
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:	112	Resp:	94810
Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.1	73.7
63	29.6	24.5	36.7





#6

Aniline

Concen: 5.335 ng

RT: 6.540 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 82563

Ion Ratio Lower Upper

93 100

66 41.9 33.0 49.6

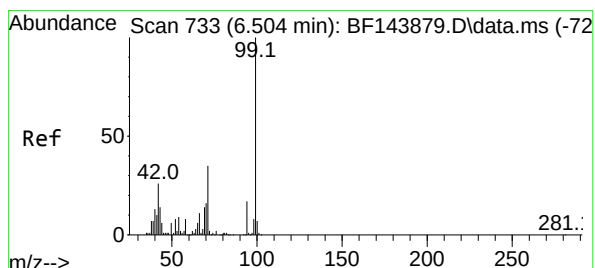
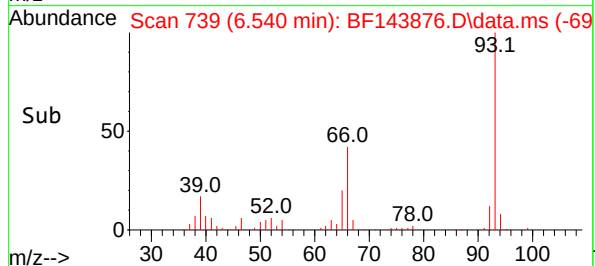
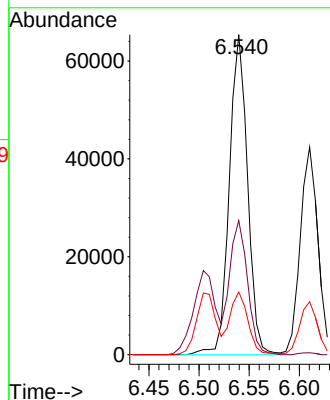
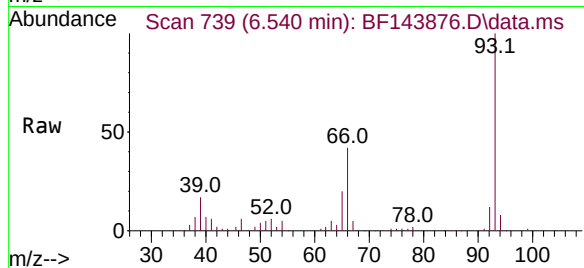
65 19.6 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#7

Phenol-d6

Concen: 10.832 ng

RT: 6.493 min Scan# 731

Delta R.T. -0.023 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

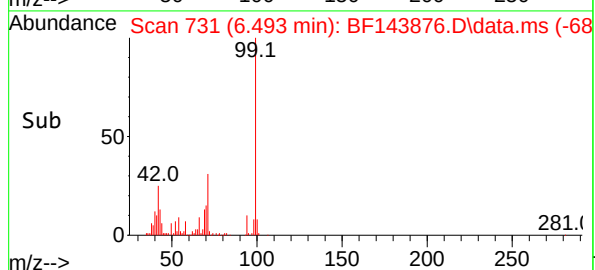
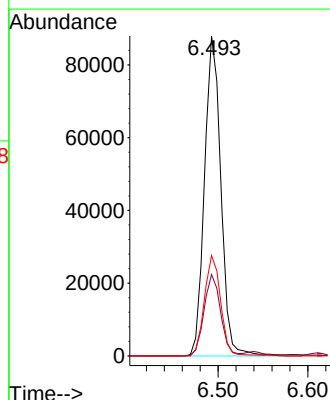
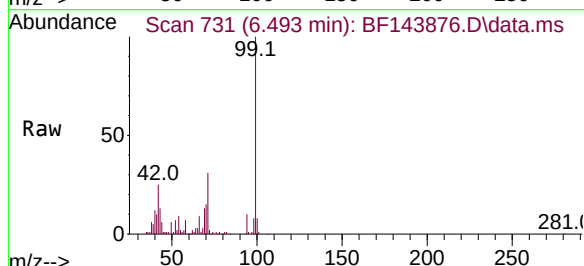
Tgt Ion: 99 Resp: 111877

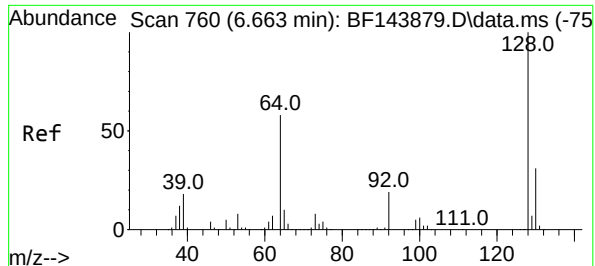
Ion Ratio Lower Upper

99 100

42 25.4 21.0 31.4

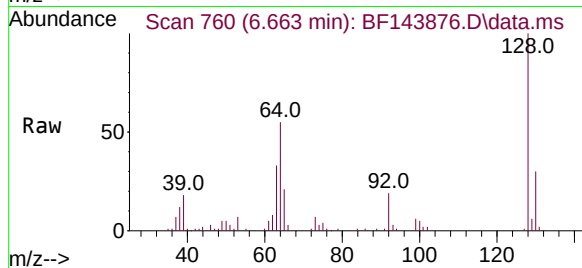
71 31.4 27.8 41.8





#8
2-Chlorophenol
Concen: 5.376 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

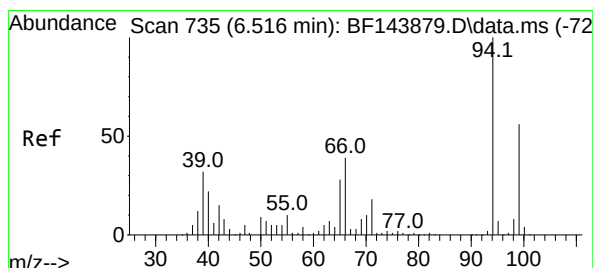
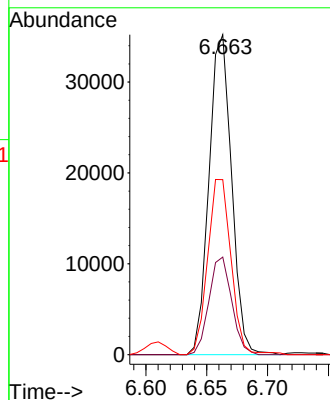
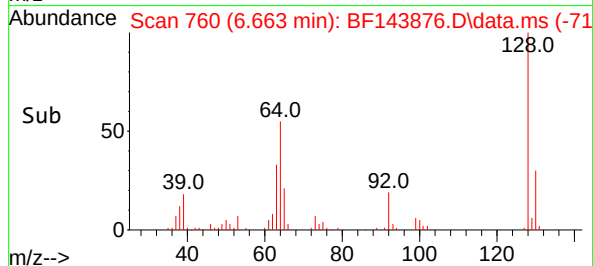
Instrument :
BNA_F
Client Sample Id :
SSTDICC005



Tgt Ion: 128 Resp: 45534
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 54.7 39.0 79.0

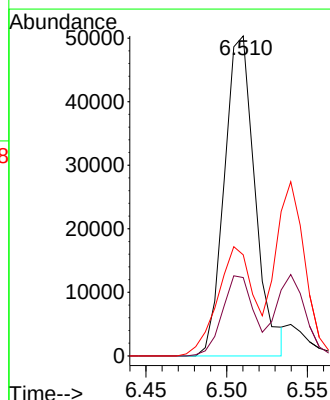
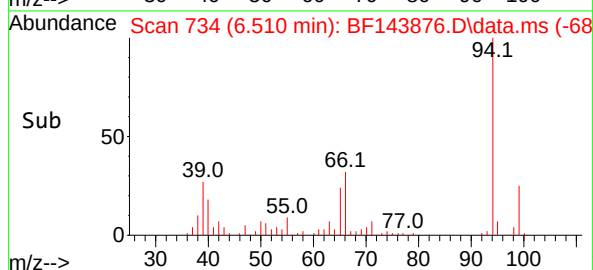
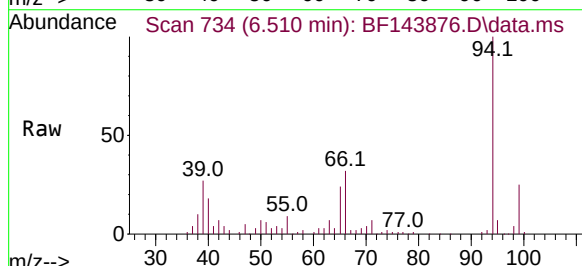
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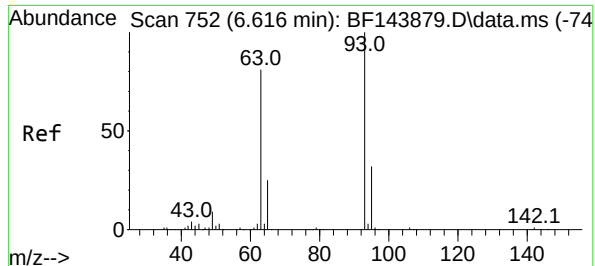
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#10
Phenol
Concen: 5.388 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 94 Resp: 66523
Ion Ratio Lower Upper
94 100
65 24.5 8.5 48.5
66 31.6 19.9 59.9





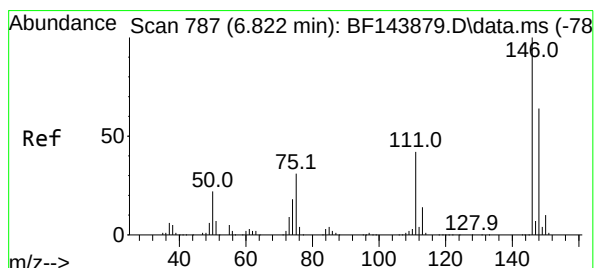
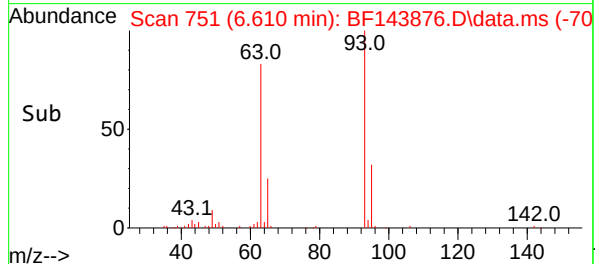
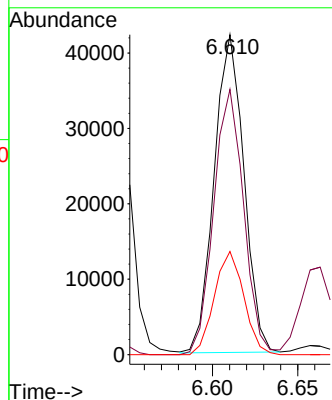
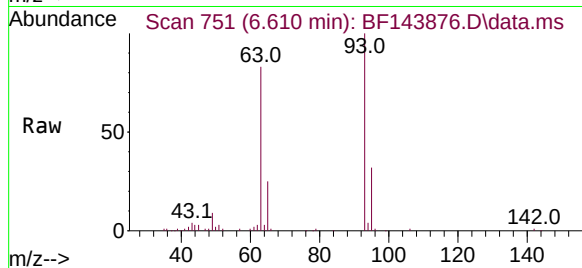
#11
bis(2-Chloroethyl)ether
Concen: 5.364 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 51163
Ion Ratio Lower Upper
93 100
63 82.9 60.9 100.9
95 32.2 11.5 51.5

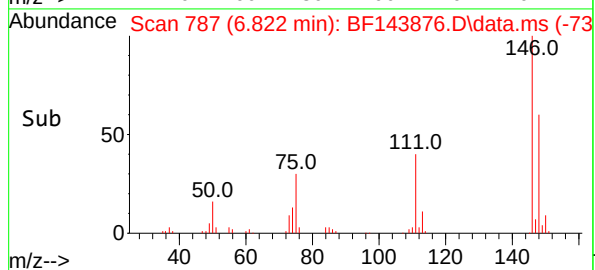
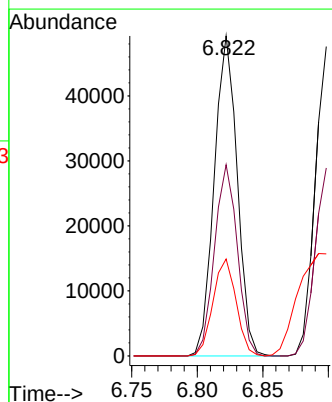
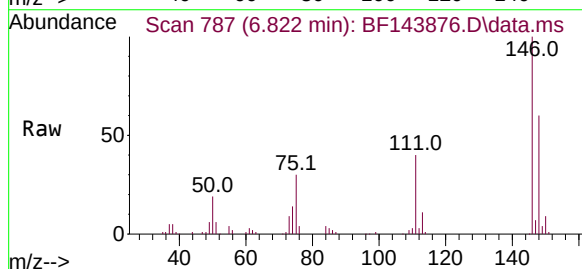
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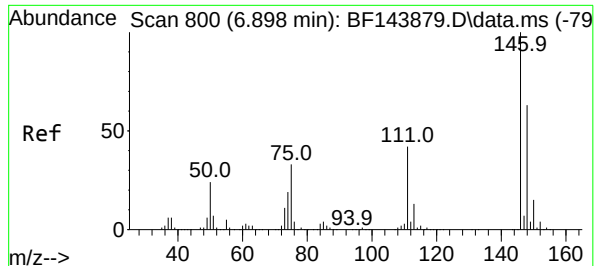
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 5.911 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:146 Resp: 59929
Ion Ratio Lower Upper
146 100
148 59.7 51.0 76.4
75 30.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 5.686 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 56869

Ion Ratio Lower Upper

146 100

148 60.7 50.5 75.7

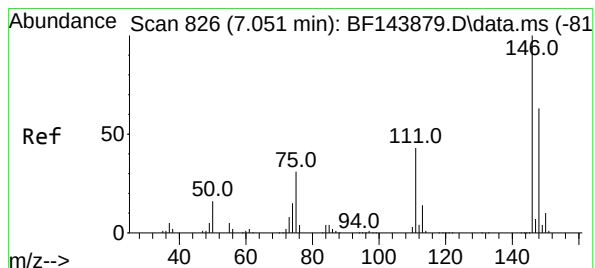
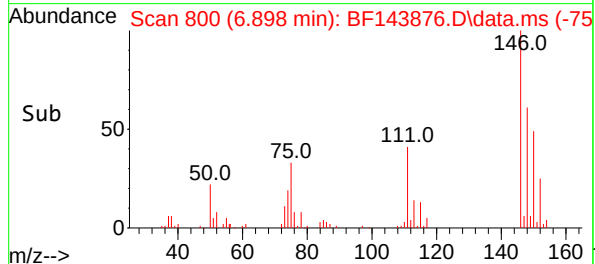
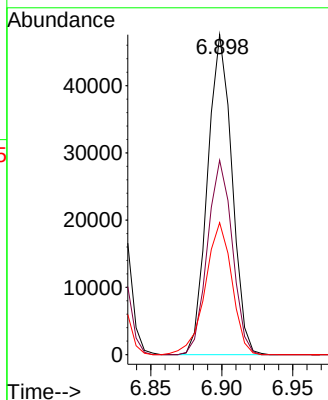
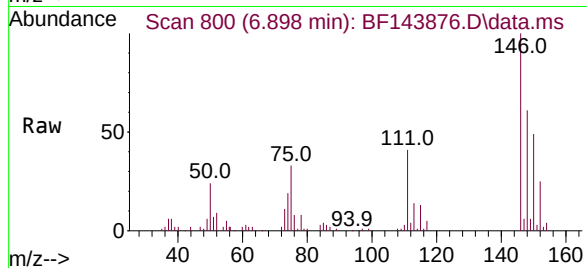
111 41.2 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 5.676 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

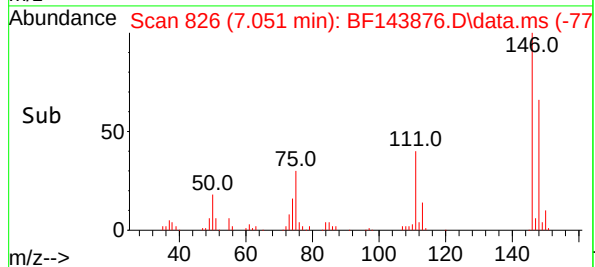
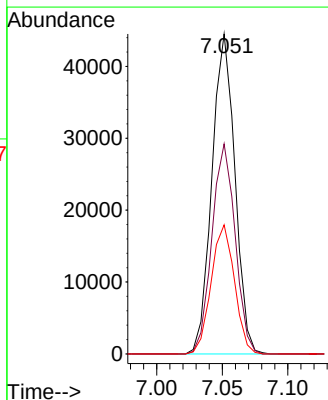
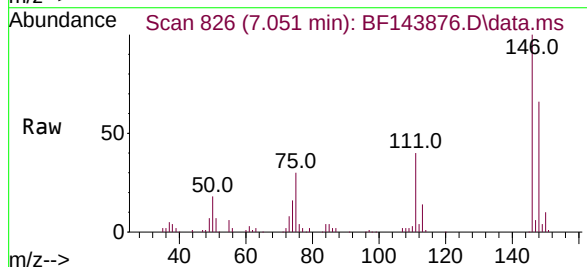
Tgt Ion:146 Resp: 54371

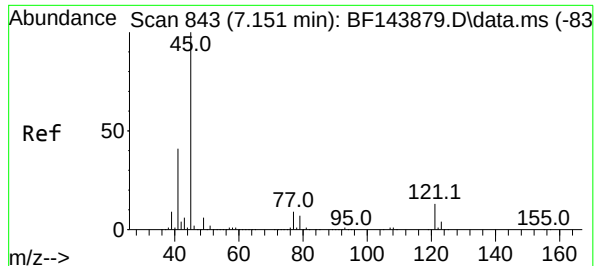
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

111 40.3 34.6 51.8





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.577 ng

RT: 7.151 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 45 Resp: 121082

Ion Ratio Lower Upper

45 100

77 8.4 0.0 29.0

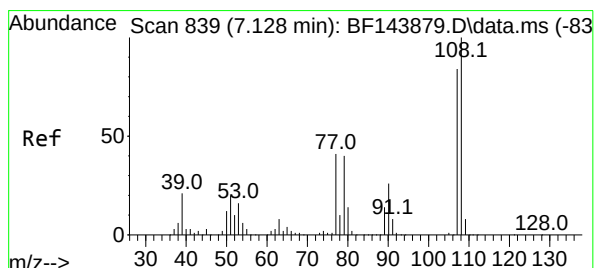
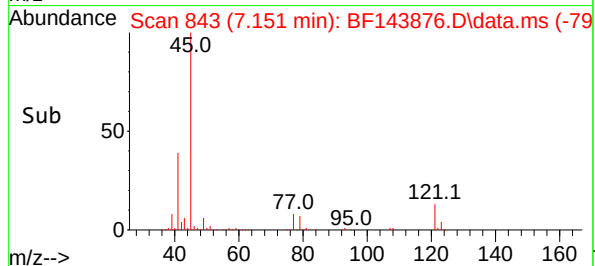
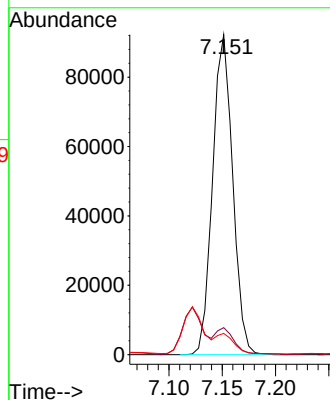
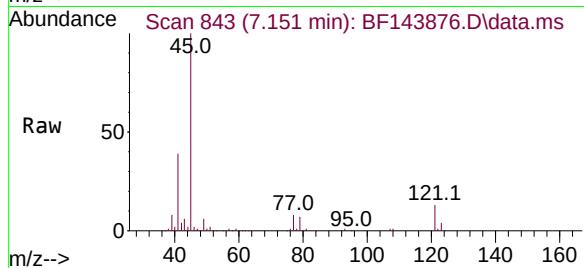
79 6.6 0.0 26.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#17

2-Methylphenol

Concen: 5.228 ng

RT: 7.122 min Scan# 838

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:107 Resp: 36595

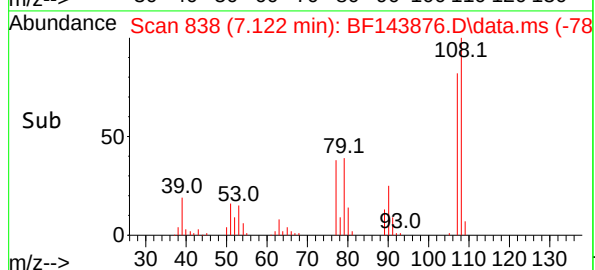
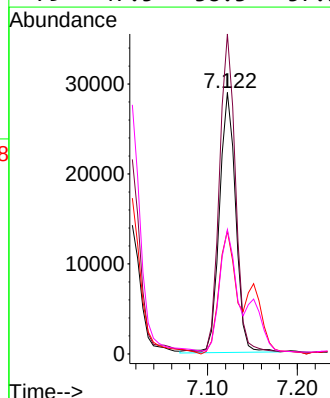
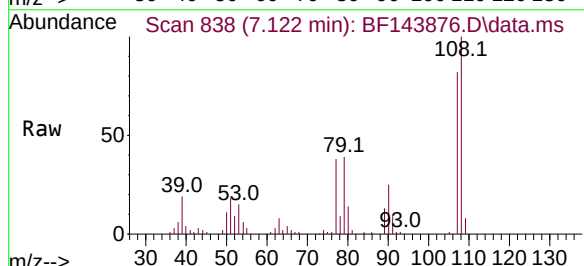
Ion Ratio Lower Upper

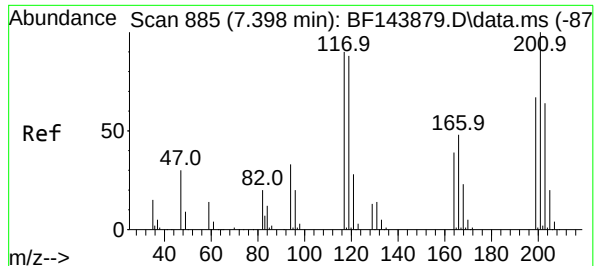
107 100

108 122.4 94.7 142.1

77 47.0 38.8 58.2

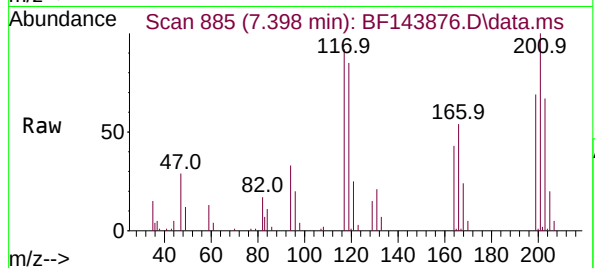
79 47.5 38.3 57.5





#18
Hexachloroethane
Concen: 5.501 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

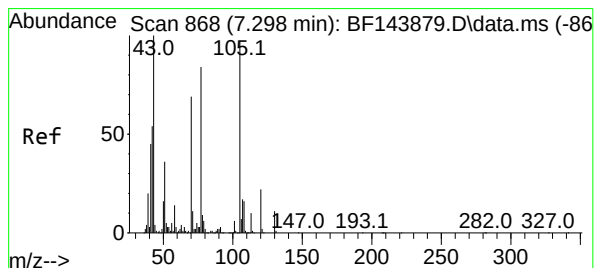
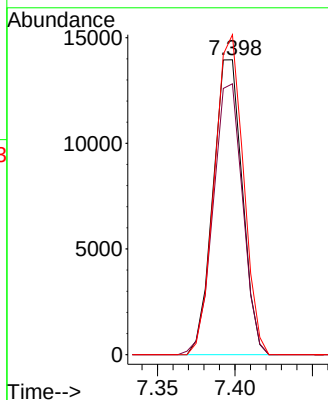
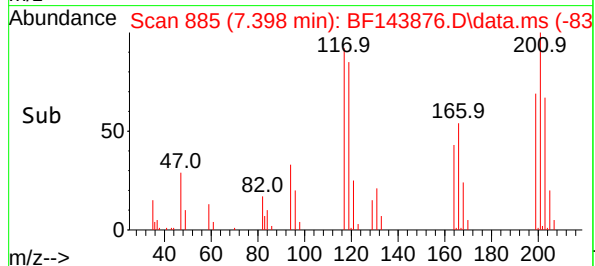
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 18346
Ion Ratio Lower Upper
117 100
119 91.8 77.8 116.8
201 108.5 88.5 132.7

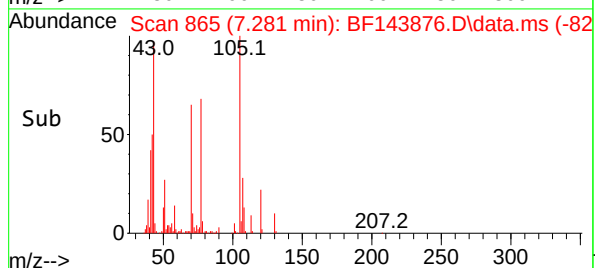
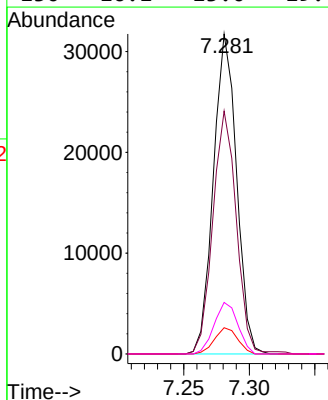
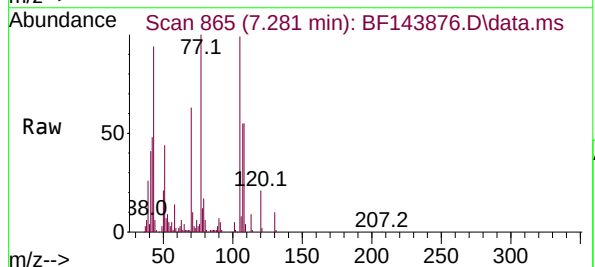
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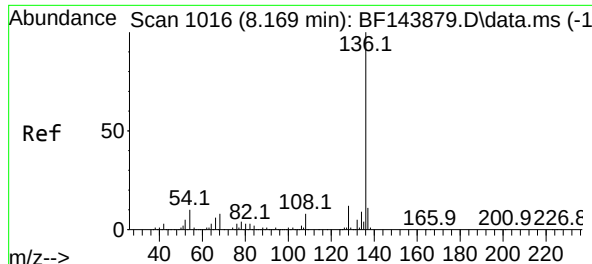
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.524 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

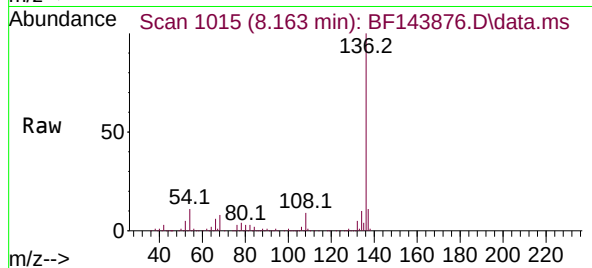
Tgt Ion: 70 Resp: 39050
Ion Ratio Lower Upper
70 100
42 75.9 62.8 94.2
101 8.2 6.7 10.1
130 16.1 13.0 19.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

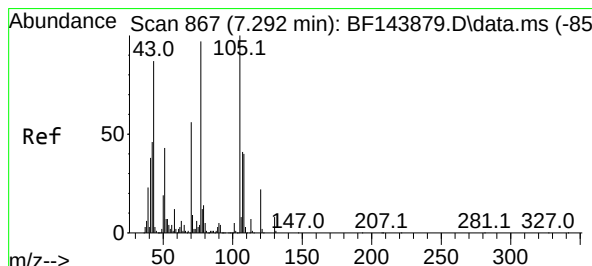
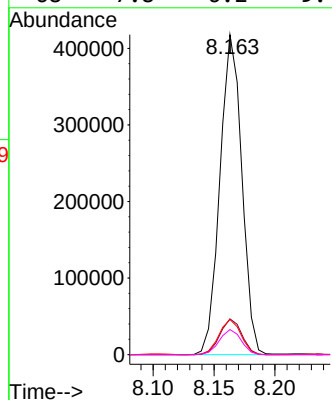
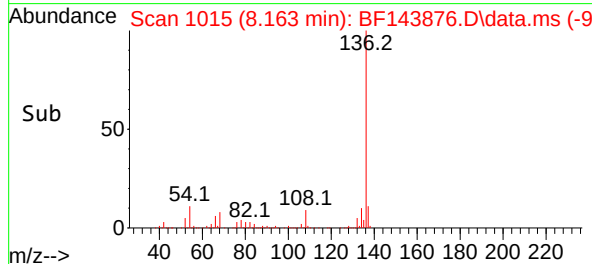
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 524114
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.0 8.2 12.4
68 7.8 6.2 9.4

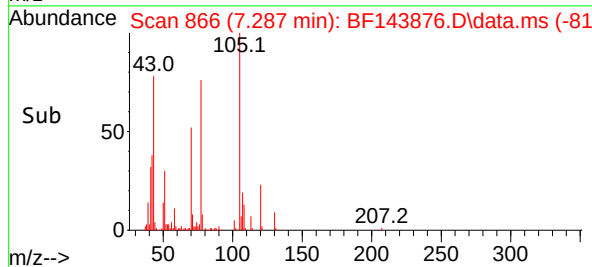
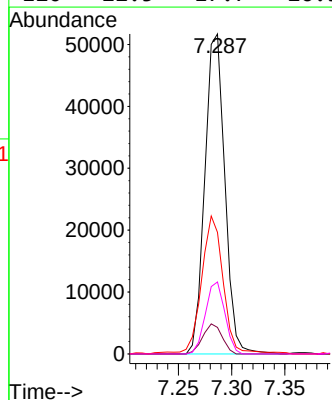
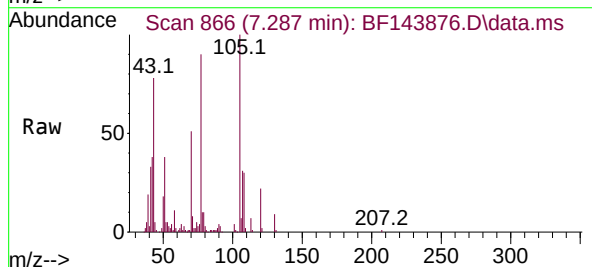
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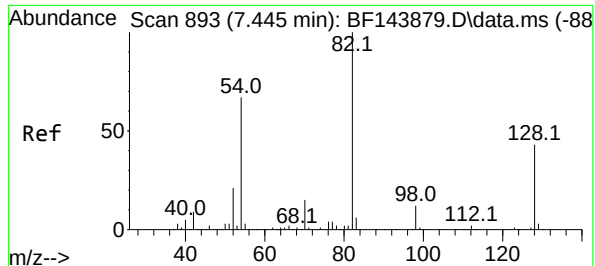
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 6.092 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:105 Resp: 67515
Ion Ratio Lower Upper
105 100
71 8.3 7.4 11.0
51 38.0 34.2 51.4
120 22.5 17.7 26.5





#23

Nitrobenzene-d5

Concen: 9.862 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

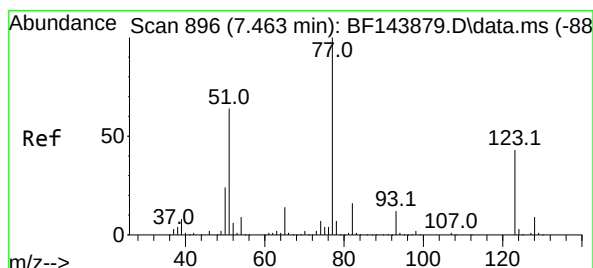
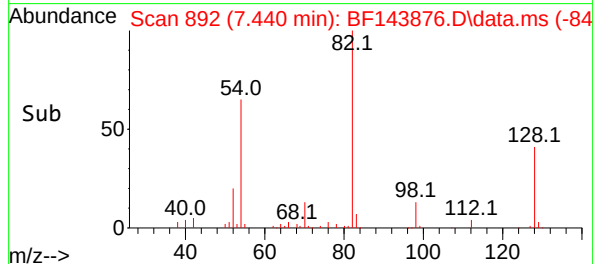
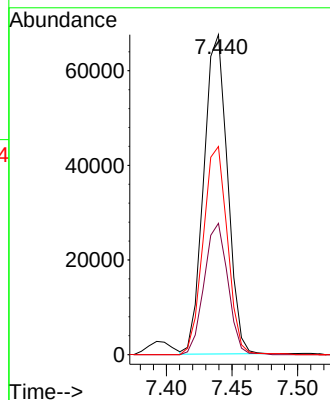
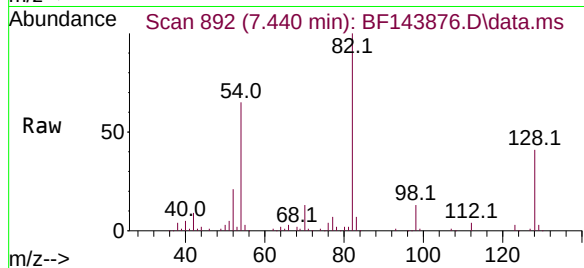
Tgt Ion:	82	Resp:	85080
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.0	51.0
54	65.0	53.2	79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 5.054 ng

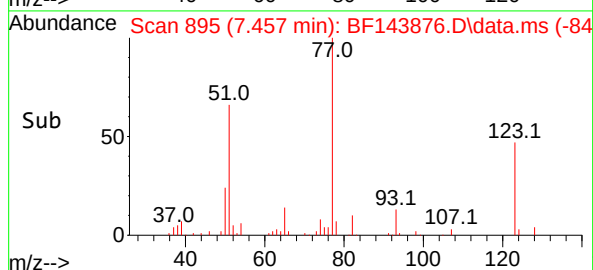
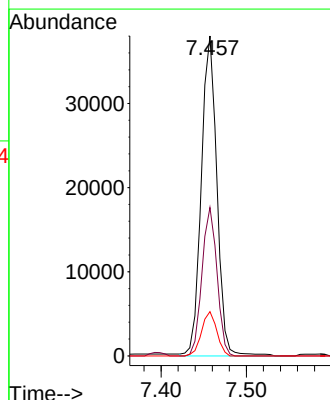
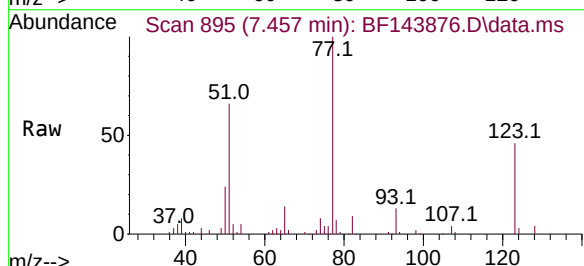
RT: 7.457 min Scan# 895

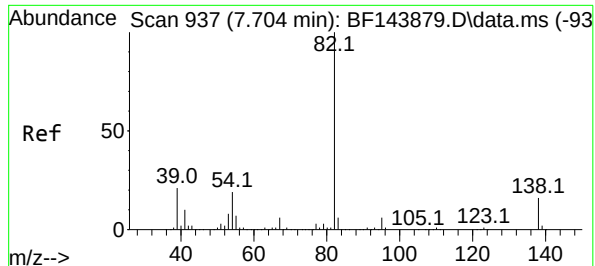
Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:	77	Resp:	48413
Ion	Ratio	Lower	Upper
77	100		
123	46.4	34.2	51.4
65	13.8	11.0	16.6





#25

Isophorone

Concen: 5.429 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.029 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

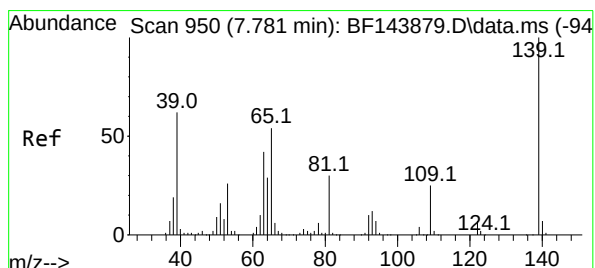
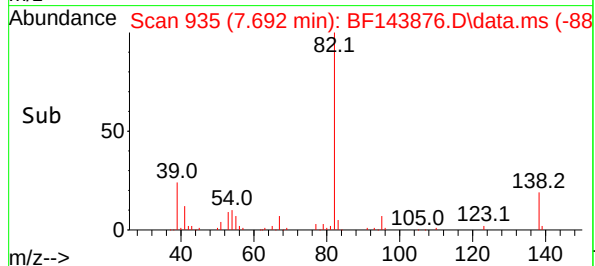
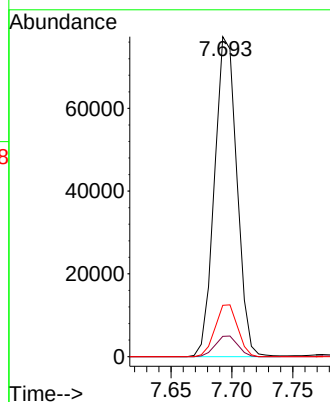
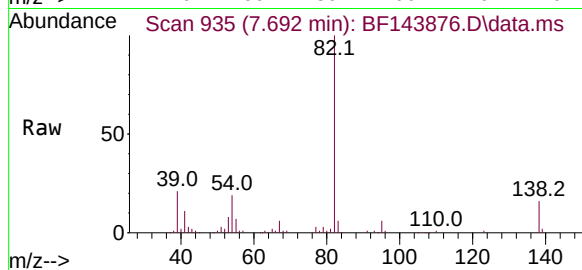
ClientSampleId :

SSTDICC005

Tgt Ion:	82	Resp:	9876
Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.1	7.7
138	16.0	12.9	19.3

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26

2-Nitrophenol

Concen: 3.864 ng

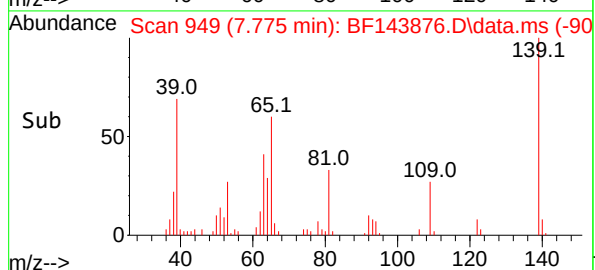
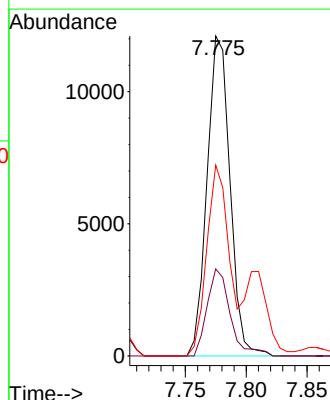
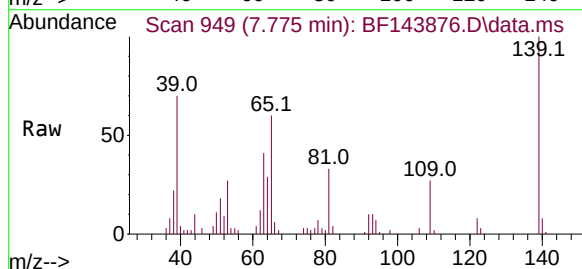
RT: 7.775 min Scan# 949

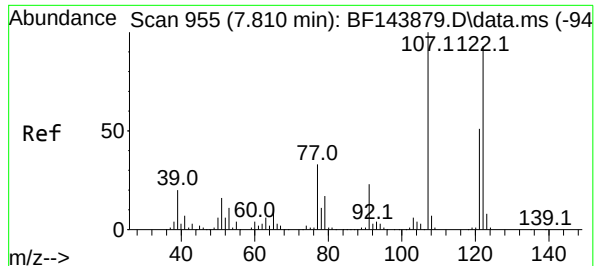
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:	139	Resp:	15870
Ion	Ratio	Lower	Upper
139	100		
109	27.2	19.8	29.6
65	59.6	42.9	64.3





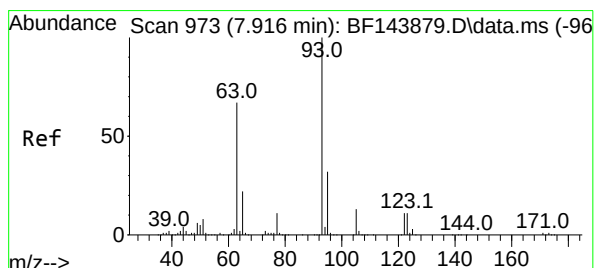
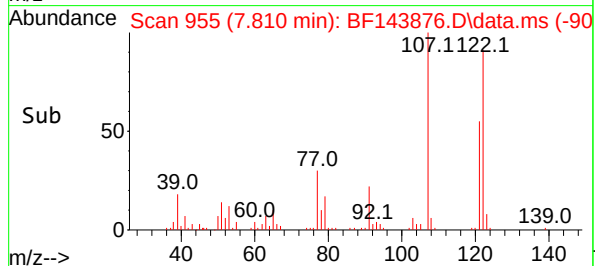
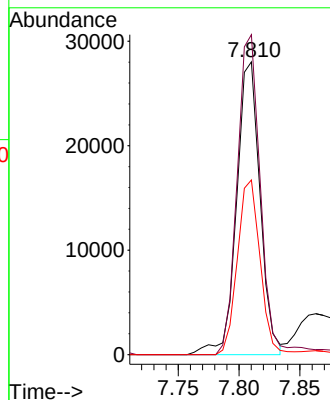
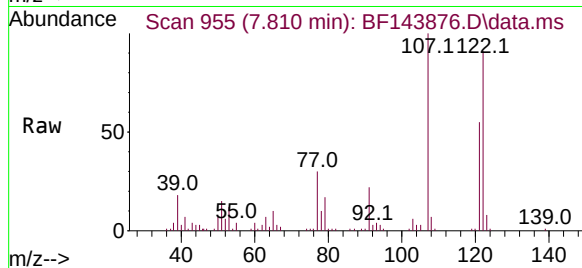
#27
2,4-Dimethylphenol
Concen: 5.095 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 37645
Ion Ratio Lower Upper
122 100
107 109.3 86.1 129.1
121 59.6 43.8 65.6

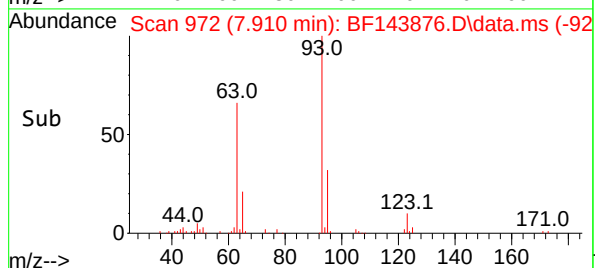
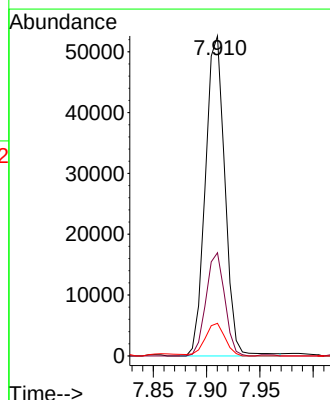
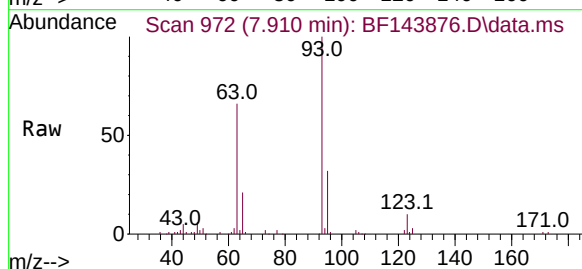
Manual Integrations
APPROVED

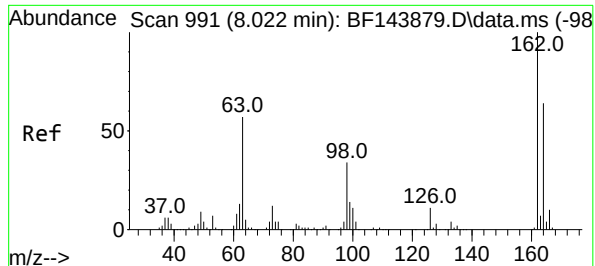
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 5.812 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 66779
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 10.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 5.390 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

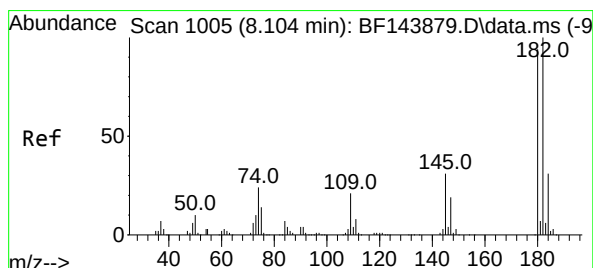
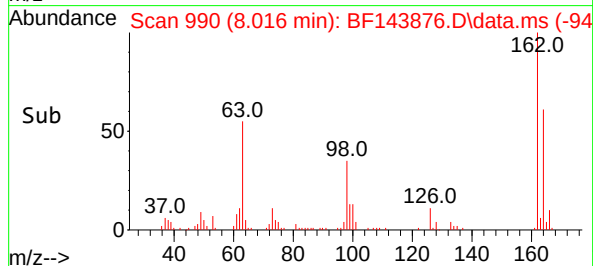
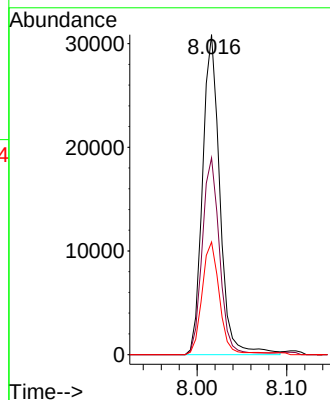
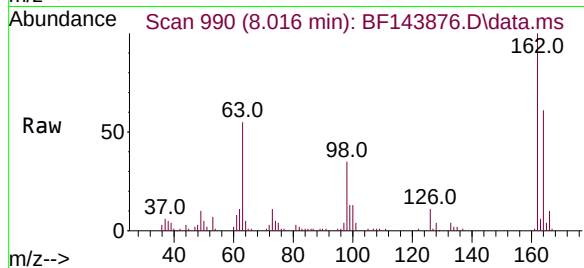
SSTDICC005

Tgt Ion:162	Resp: 41484
Ion Ratio	Lower Upper
162 100	
164 61.5	43.9 83.9
98 35.2	14.4 54.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.722 ng

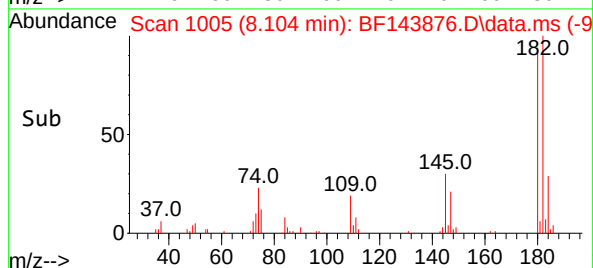
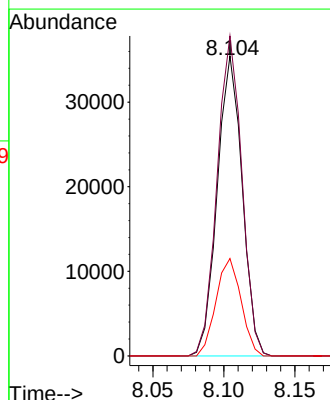
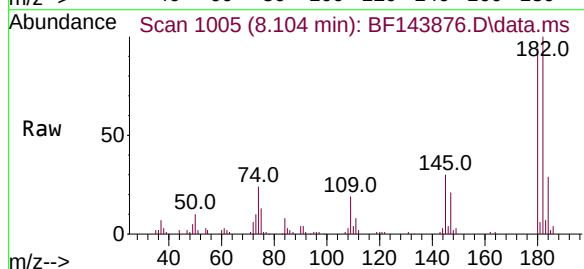
RT: 8.104 min Scan# 1005

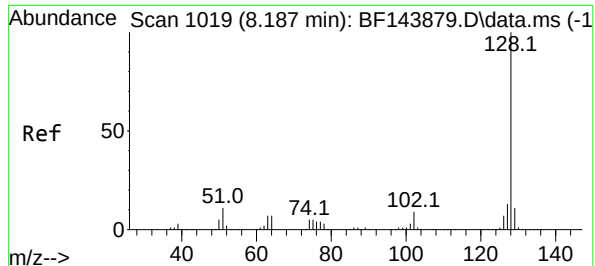
Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:180	Resp: 43309
Ion Ratio	Lower Upper
180 100	
182 106.7	85.4 128.0
145 32.5	26.3 39.5





#31

Naphthalene

Concen: 6.063 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:128 Resp: 144561

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

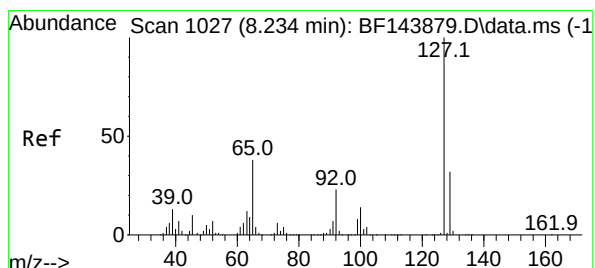
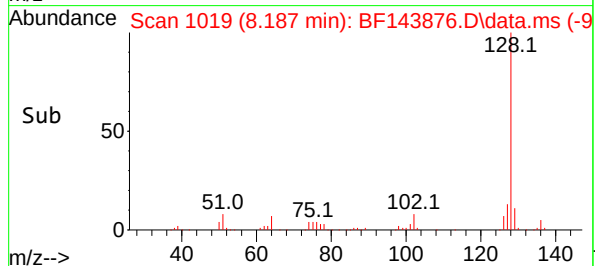
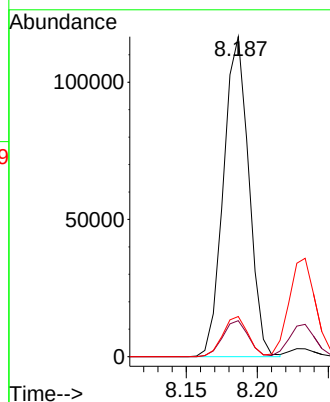
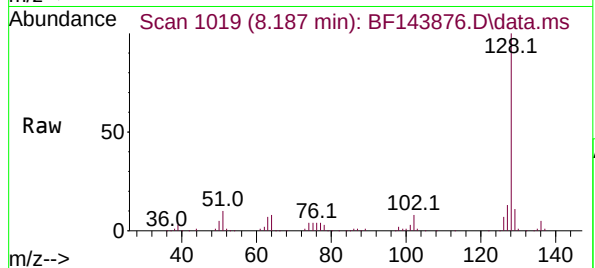
127 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#33

4-Chloroaniline

Concen: 5.388 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:127 Resp: 48181

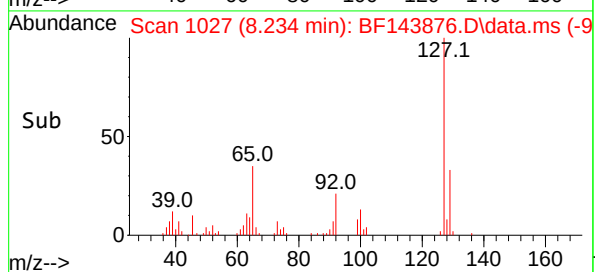
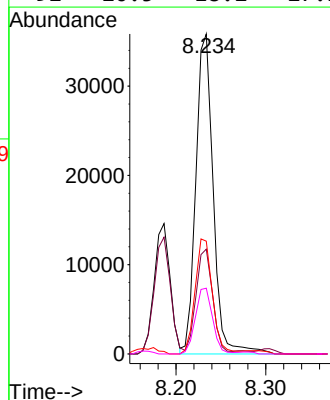
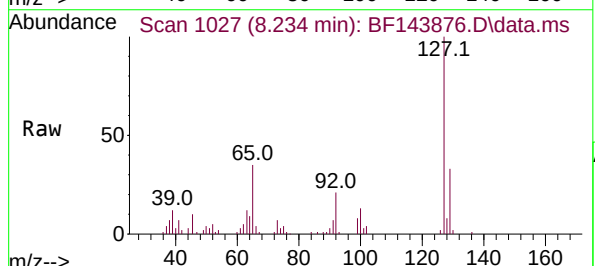
Ion Ratio Lower Upper

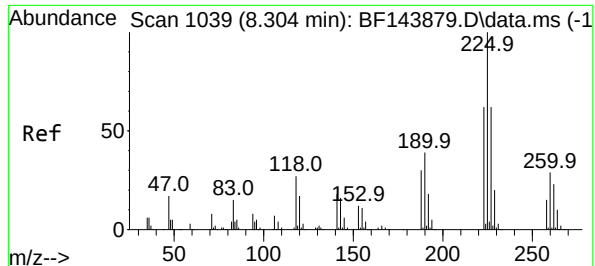
127 100

129 32.7 25.8 38.8

65 35.2 30.0 45.0

92 20.5 18.2 27.2





#34

Hexachlorobutadiene

Concen: 5.751 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:225 Resp: 30240

Ion Ratio Lower Upper

225 100

223 61.0 49.4 74.2

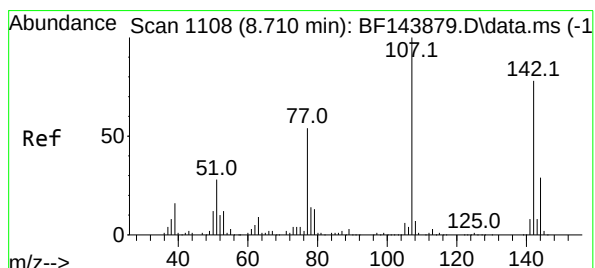
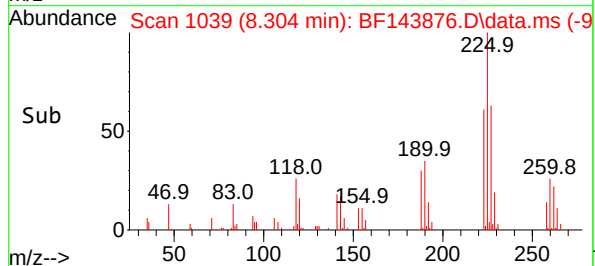
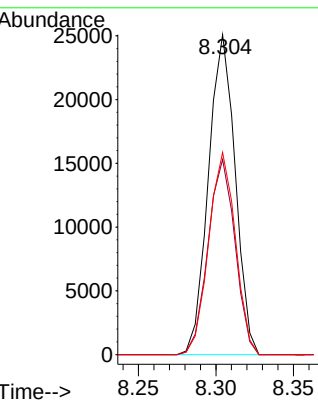
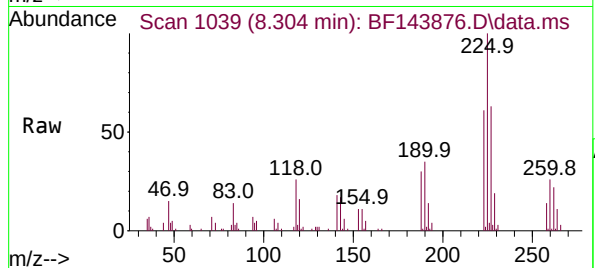
227 63.2 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#36

4-Chloro-3-methylphenol

Concen: 5.343 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

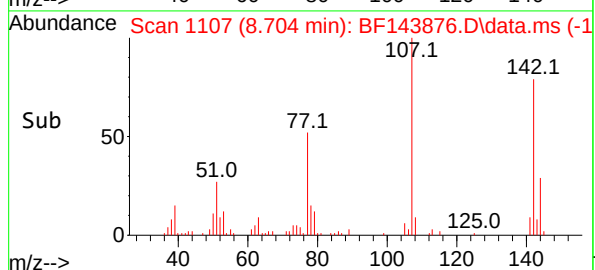
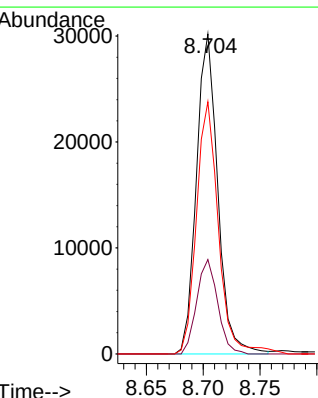
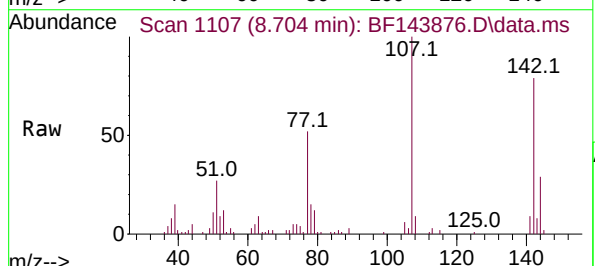
Tgt Ion:107 Resp: 39500

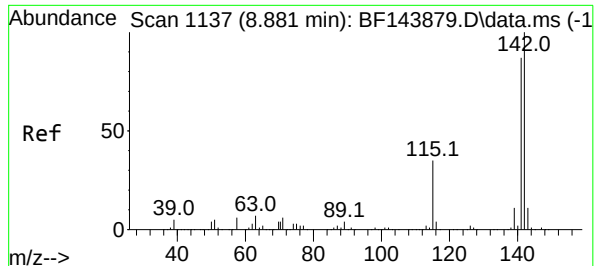
Ion Ratio Lower Upper

107 100

144 29.5 23.1 34.7

142 78.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 6.122 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 9722

Ion Ratio Lower Upper

142 100

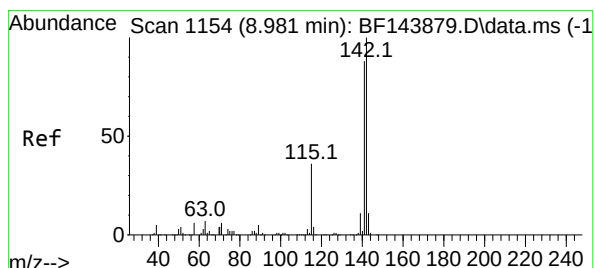
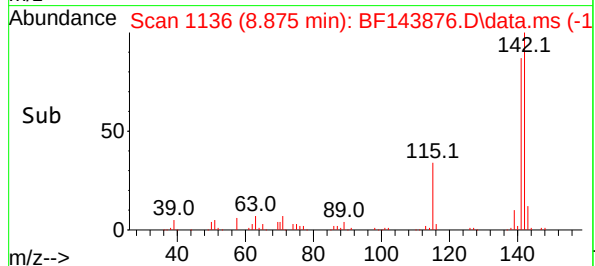
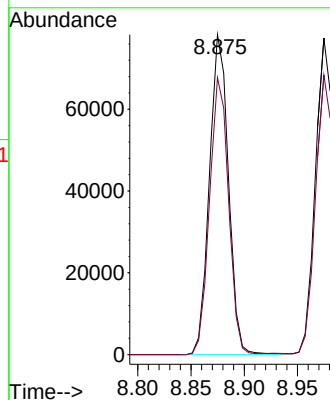
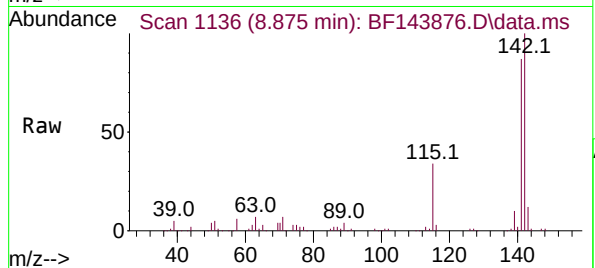
141 86.5 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 6.114 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143876.D

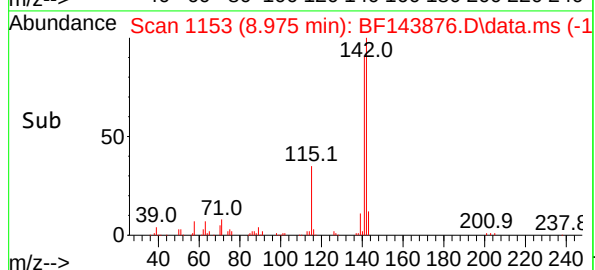
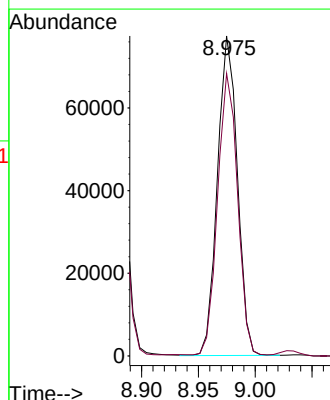
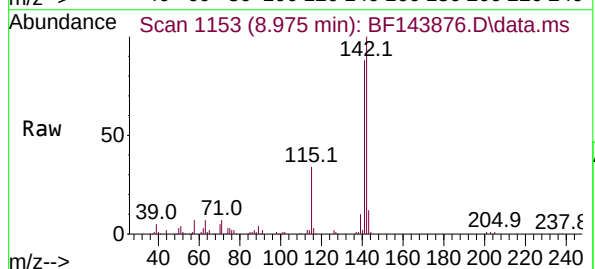
Acq: 06 Oct 2025 10:28

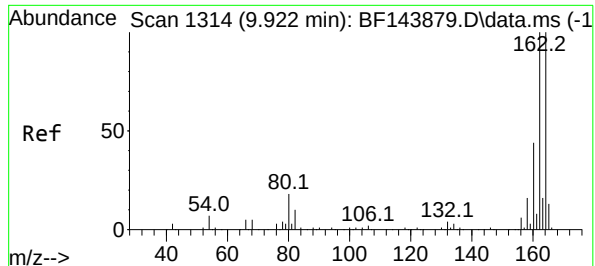
Tgt Ion:142 Resp: 94190

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143876.D

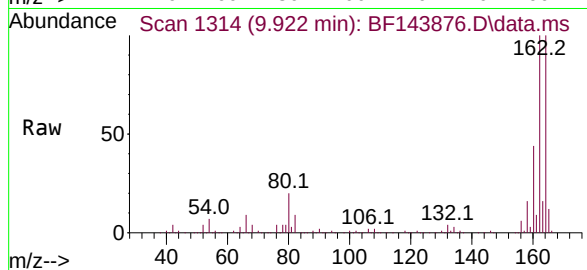
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

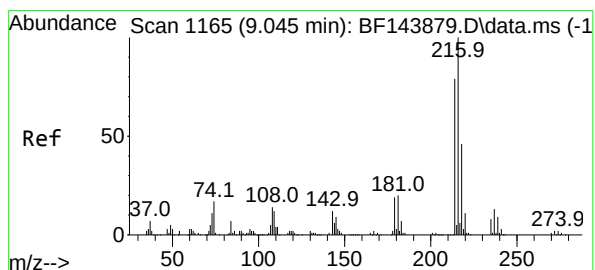
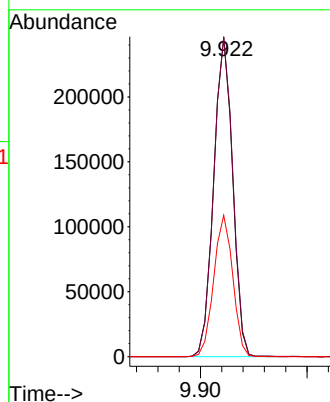
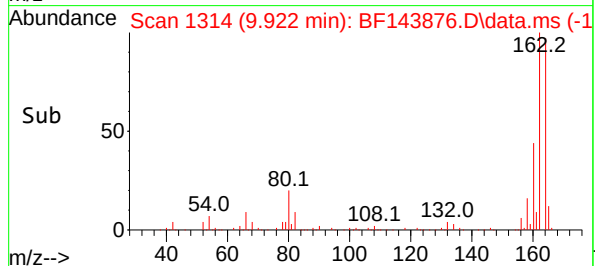
160 44.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

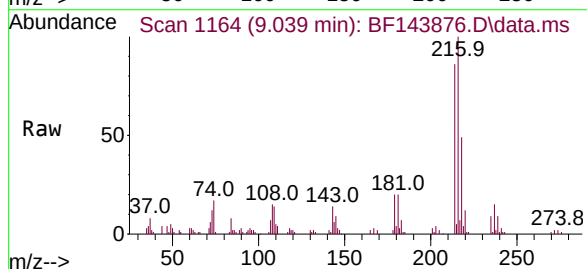
Concen: 5.519 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28



Tgt Ion:216 Resp: 46252

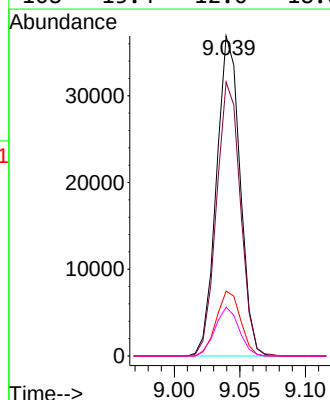
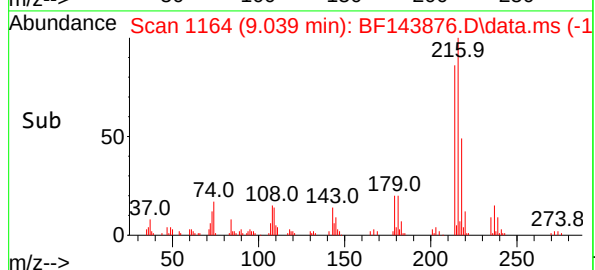
Ion Ratio Lower Upper

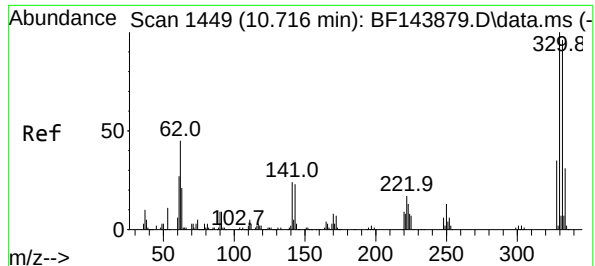
216 100

214 86.6 62.6 94.0

179 20.7 15.4 23.0

108 15.4 12.0 18.0





#42
2,4,6-Tribromophenol
Concen: 9.721 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

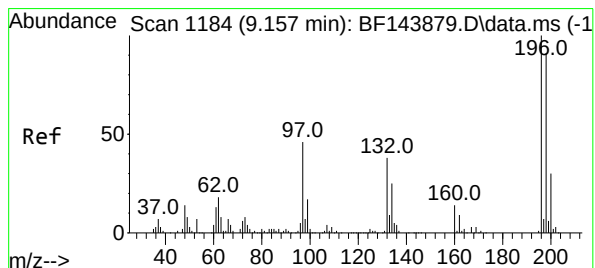
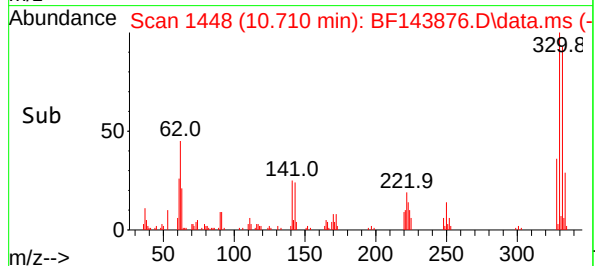
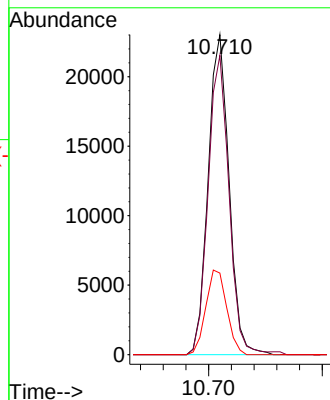
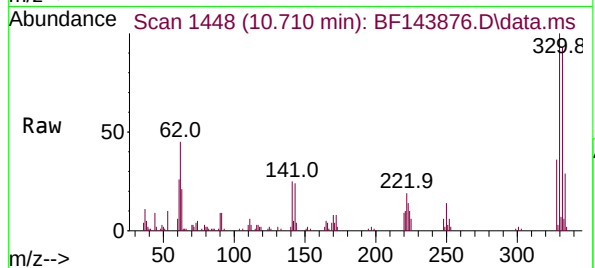
Tgt Ion	330	Resp	29360
Ion Ratio	Lower	Upper	
330	100		
332	93.9	76.9	115.3
141	26.6	20.2	30.4

Manual Integrations

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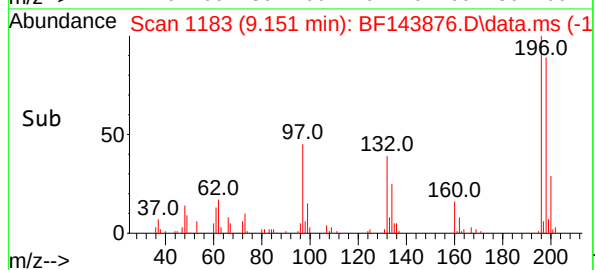
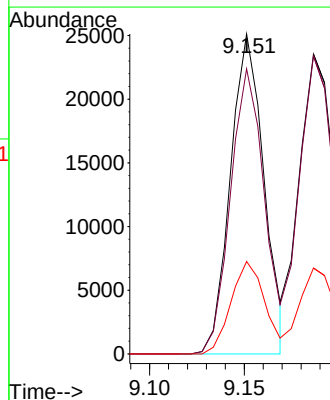
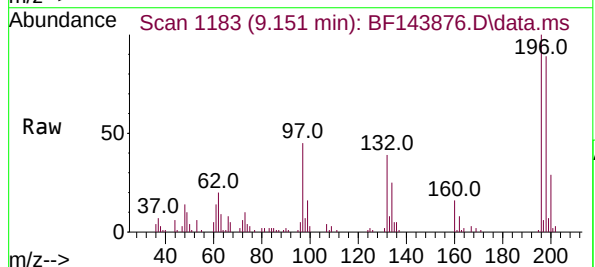
Reviewed By :Rahul Chavli 10/07/2025

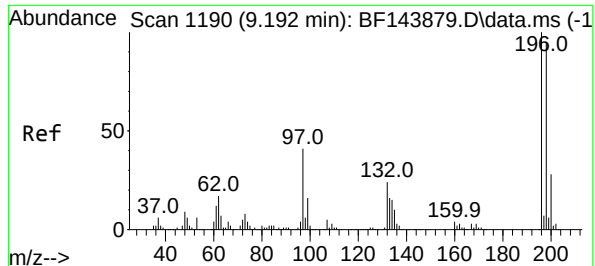
Supervised By :Jagrut Upadhyay 10/07/2025



#43
2,4,6-Trichlorophenol
Concen: 5.047 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

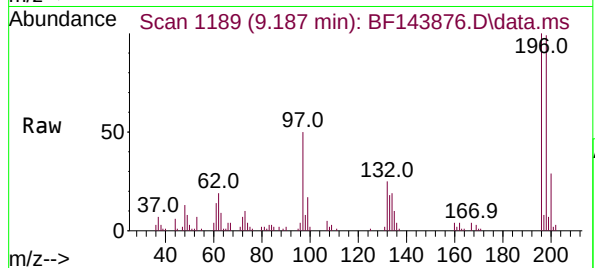
Tgt Ion	196	Resp	30908
Ion Ratio	Lower	Upper	
196	100		
198	89.1	72.8	109.2
200	28.9	24.0	36.0





#44
2,4,5-Trichlorophenol
Concen: 5.194 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

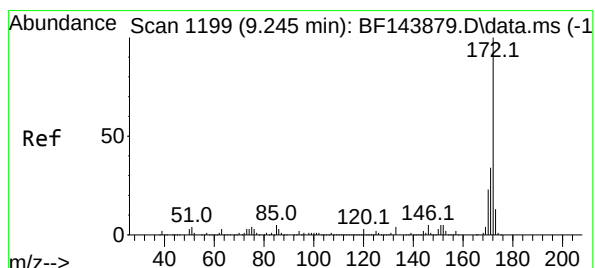
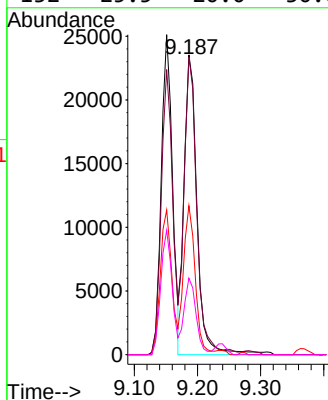
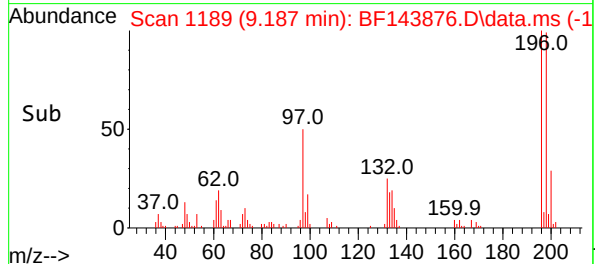
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 33613
Ion Ratio Lower Upper
196 100
198 99.4 75.5 113.3
97 49.7 33.9 50.9
132 25.5 20.0 30.0

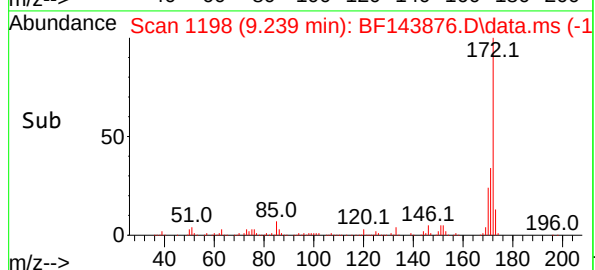
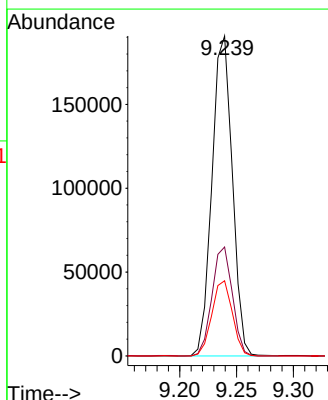
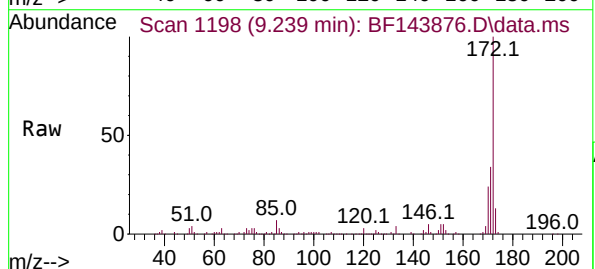
Manual Integrations
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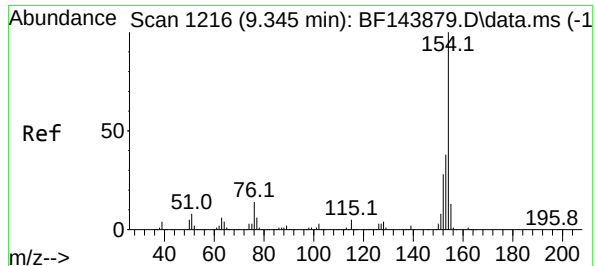
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#45
2-Fluorobiphenyl
Concen: 12.438 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:172 Resp: 237689
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 23.5 18.6 28.0





#46

1,1'-Biphenyl

Concen: 6.105 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:154 Resp: 122568

Ion Ratio Lower Upper

154 100

153 38.1 18.4 58.4

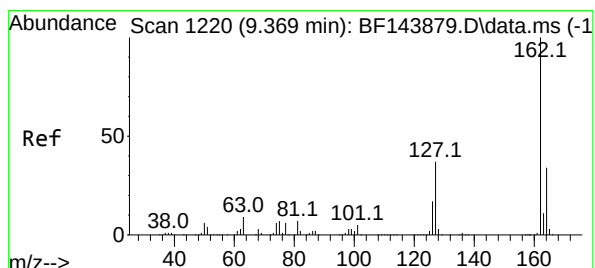
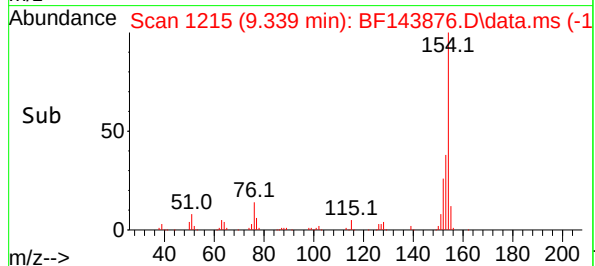
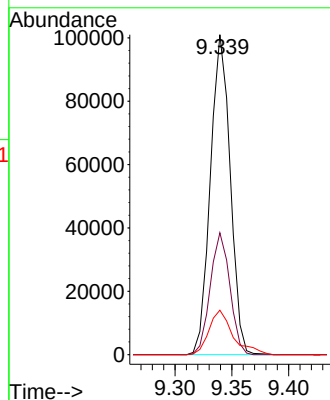
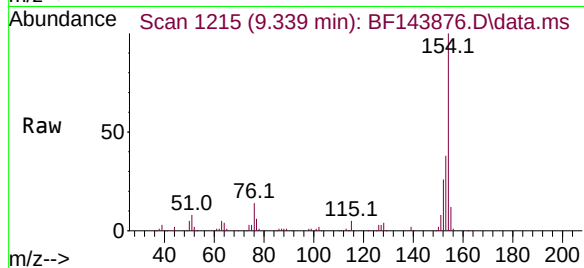
76 13.9 0.0 34.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#47

2-Chloronaphthalene

Concen: 5.861 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

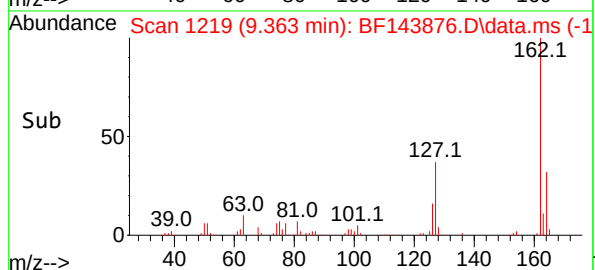
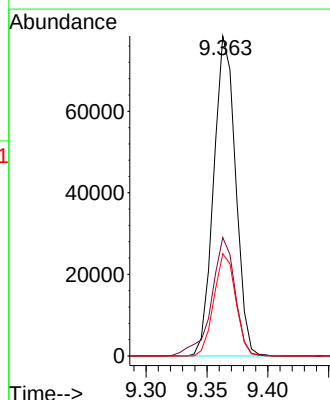
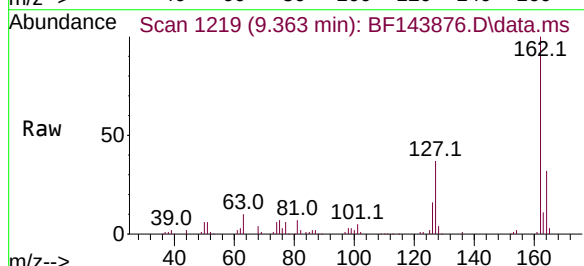
Tgt Ion:162 Resp: 98102

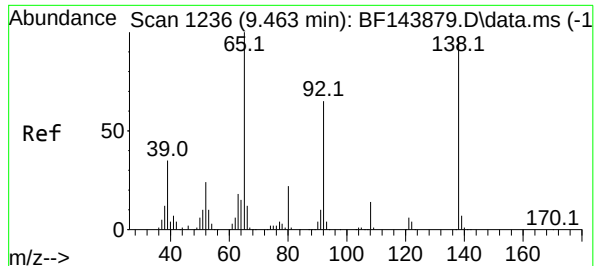
Ion Ratio Lower Upper

162 100

127 37.0 30.2 45.2

164 32.0 26.9 40.3





#48

2-Nitroaniline

Concen: 4.193 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 65 Resp: 22188

Ion Ratio Lower Upper

65 100

92 66.3 52.1 78.1

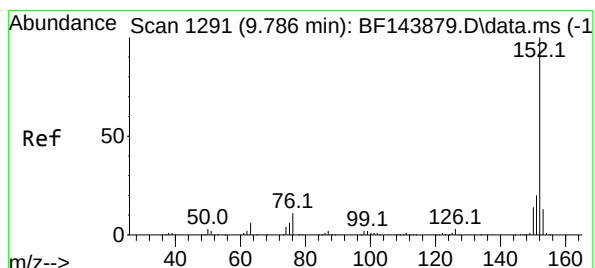
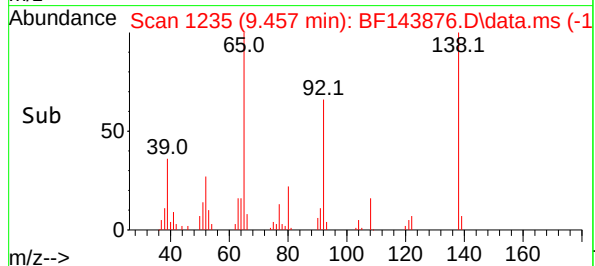
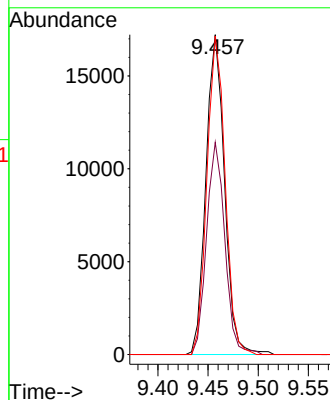
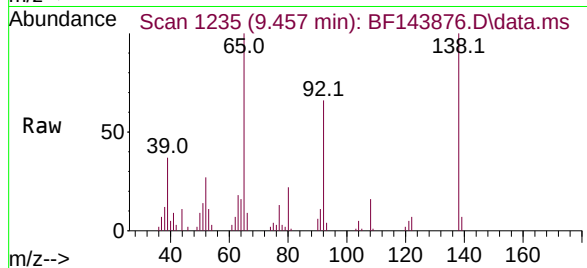
138 99.6 77.4 116.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#49

Acenaphthylene

Concen: 5.788 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

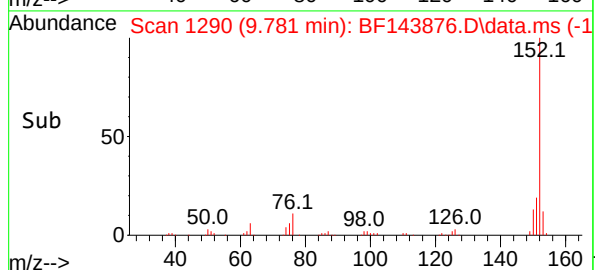
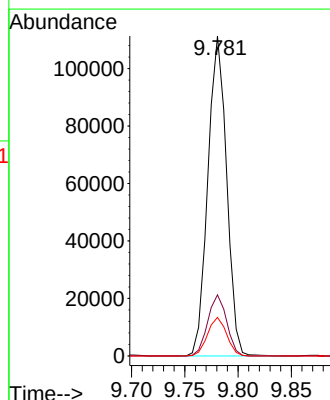
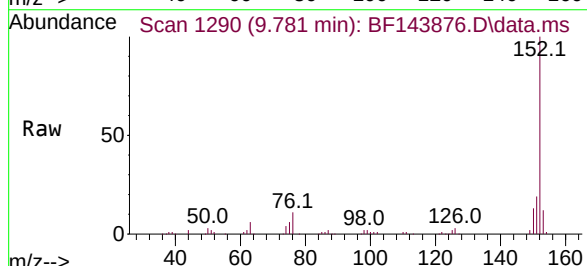
Tgt Ion:152 Resp: 136204

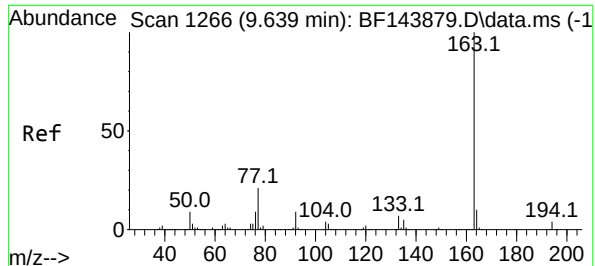
Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

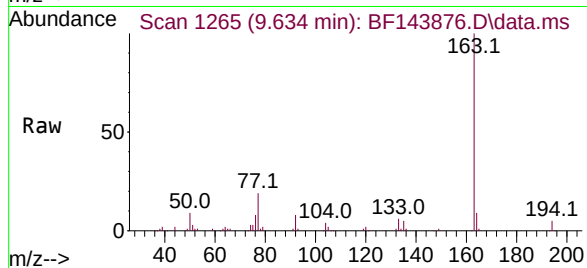
153 12.0 10.5 15.7





#50
Dimethylphthalate
Concen: 5.677 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

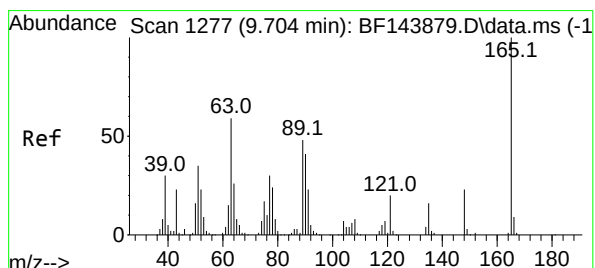
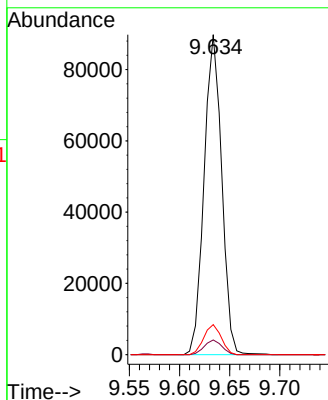
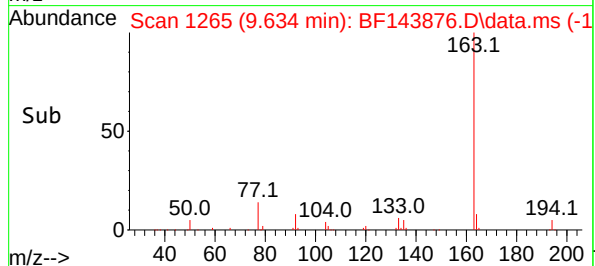
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



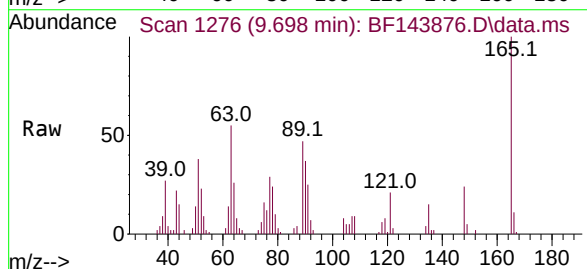
Tgt Ion:163 Resp: 109323
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.4 8.1 12.1

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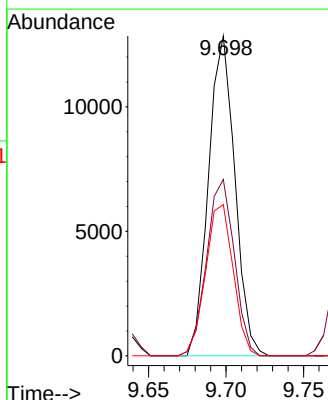
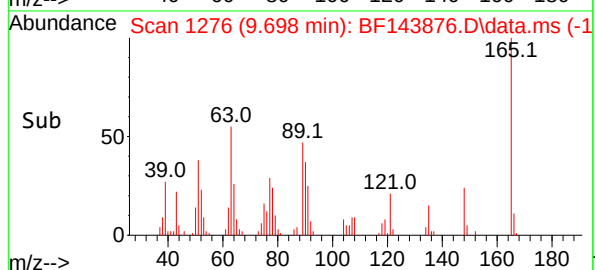
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

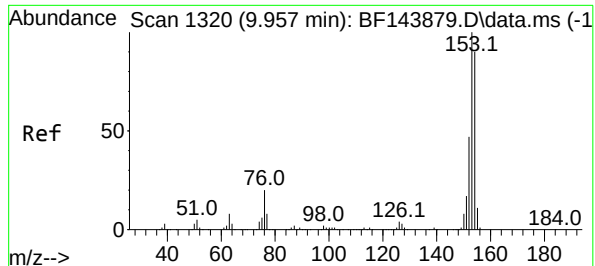


#51
2,6-Dinitrotoluene
Concen: 4.265 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:165 Resp: 15228
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 47.3 38.2 57.4





#52

Acenaphthene

Concen: 5.787 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

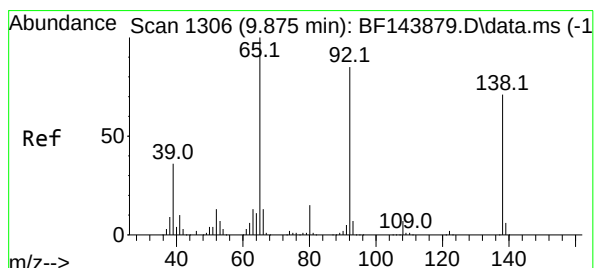
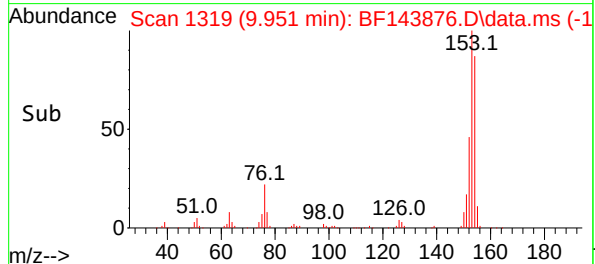
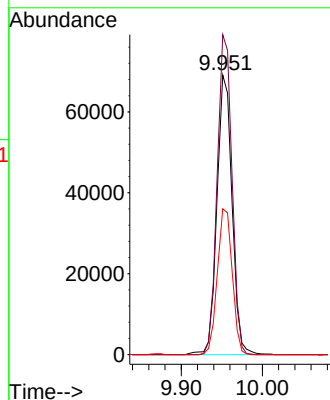
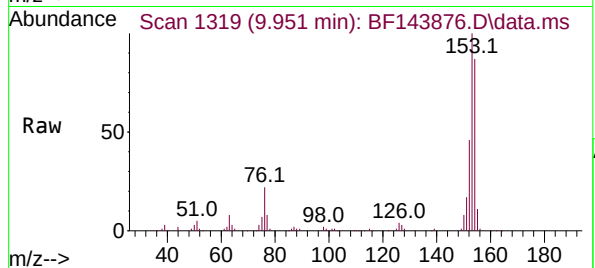
Tgt Ion:	154	Resp:	8924
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.3	133.9
152	52.2	42.2	63.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#53

3-Nitroaniline

Concen: 4.437 ng

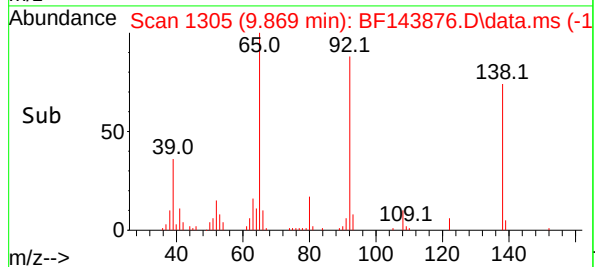
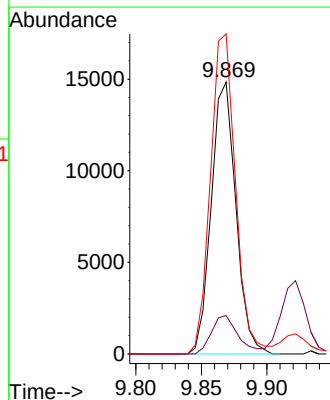
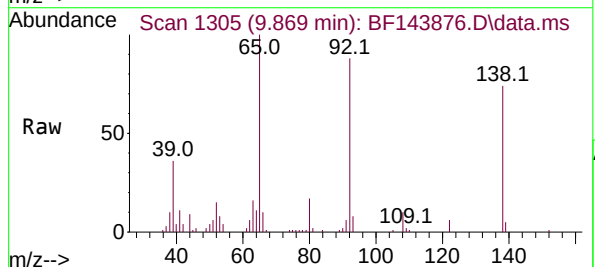
RT: 9.869 min Scan# 1305

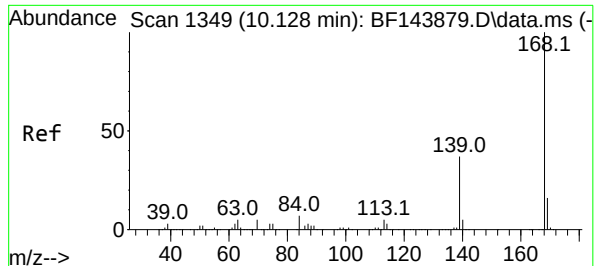
Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:	138	Resp:	19400
Ion Ratio	Lower	Upper	
138	100		
108	14.1	8.3	12.5
92	117.8	96.2	144.2





#55

Dibenzofuran

Concen: 5.852 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 127374

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

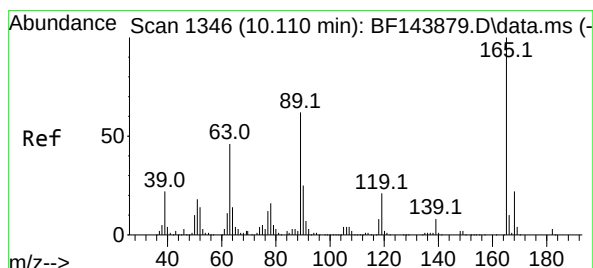
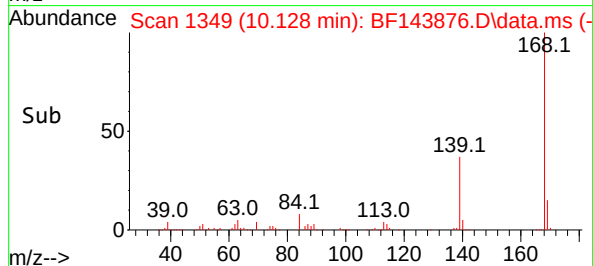
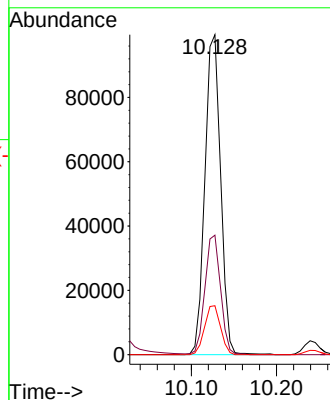
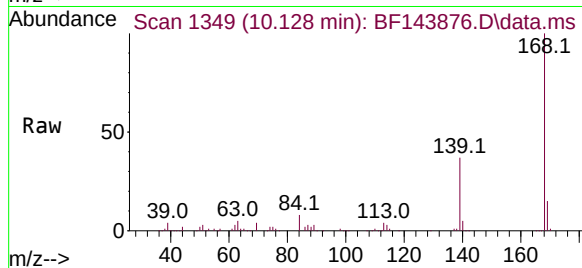
169 15.3 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#57

2,4-Dinitrotoluene

Concen: 3.932 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:165 Resp: 19103

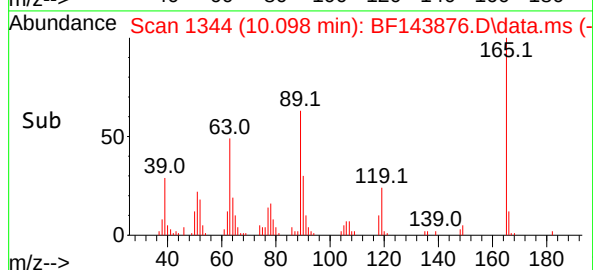
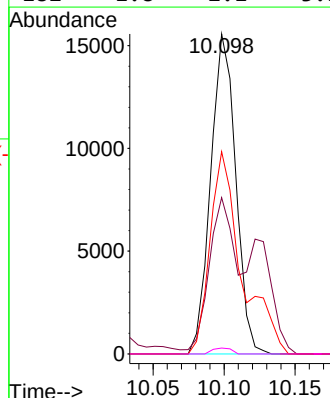
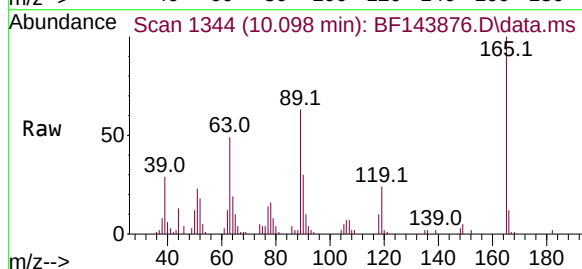
Ion Ratio Lower Upper

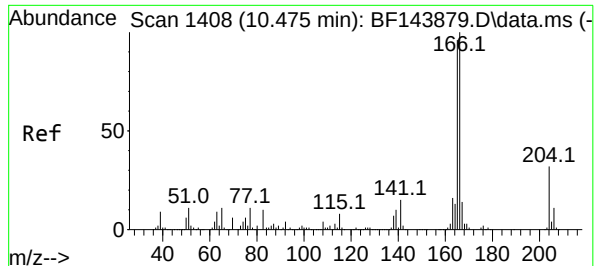
165 100

63 48.8 37.2 55.8

89 63.2 49.4 74.2

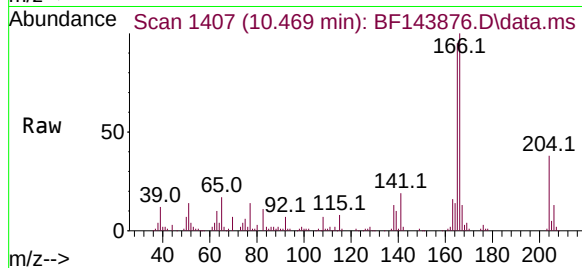
182 1.8 2.1 3.1#





#58
Fluorene
Concen: 6.430 ng
RT: 10.469 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

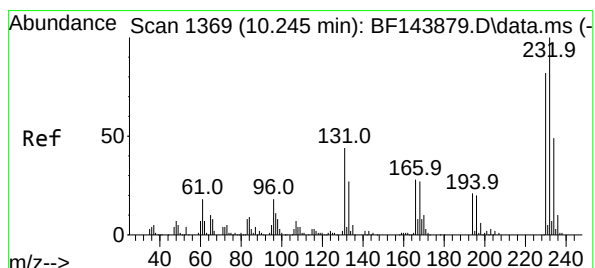
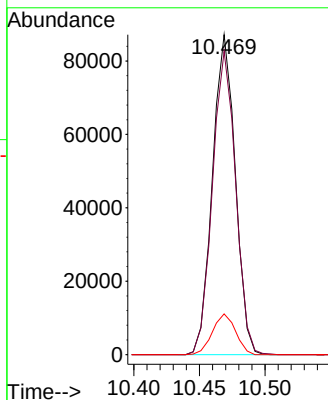
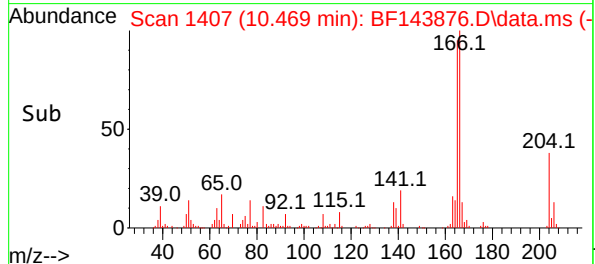
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



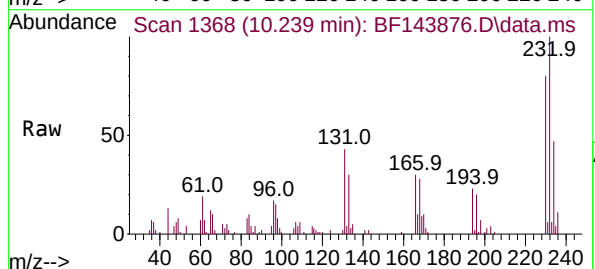
Tgt Ion:166 Resp: 10560
Ion Ratio Lower Upper
166 100
165 94.8 77.0 115.6
167 12.7 11.1 16.7

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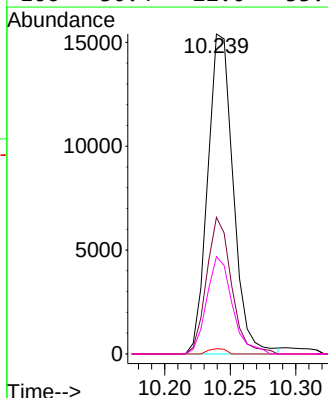
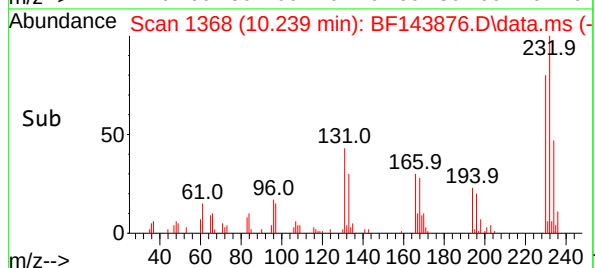
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

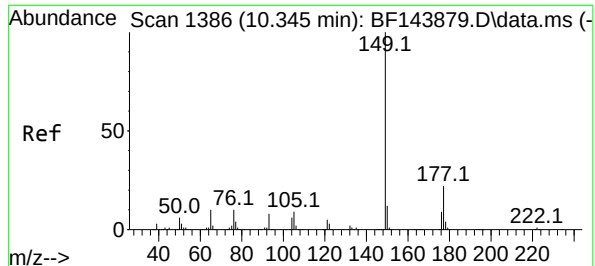


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.560 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



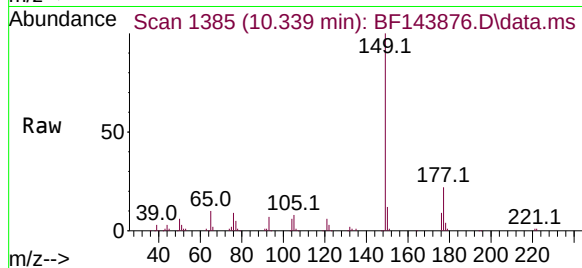
Tgt Ion:232 Resp: 20888
Ion Ratio Lower Upper
232 100
131 41.6 34.9 52.3
130 1.1 1.6 2.4#
166 30.4 22.0 33.0





#60
Diethylphthalate
Concen: 5.590 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

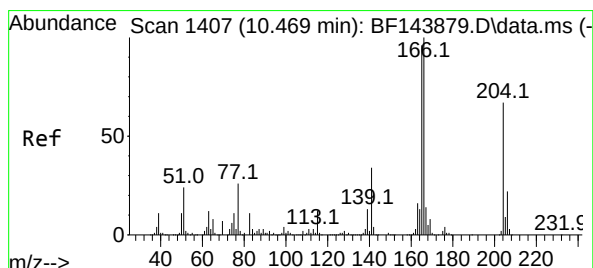
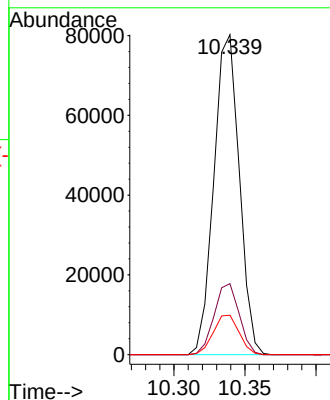
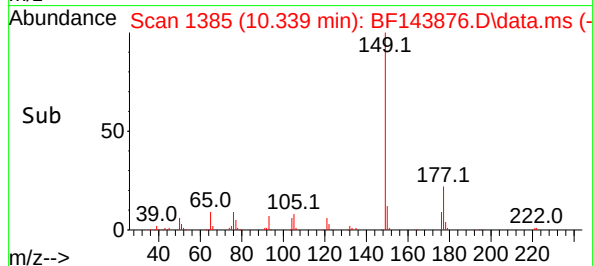
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



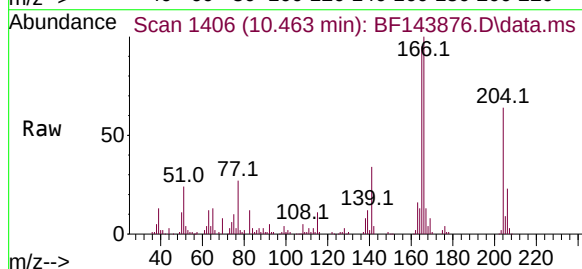
Tgt Ion:149 Resp: 100010
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.3 9.8 14.8

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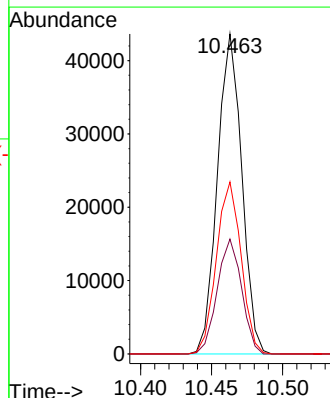
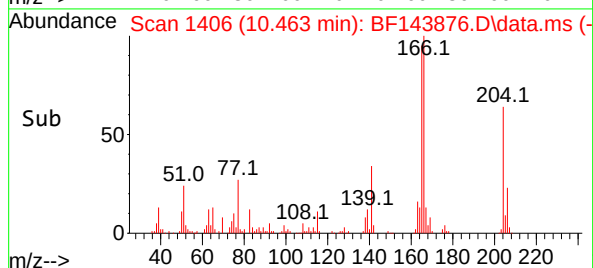
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

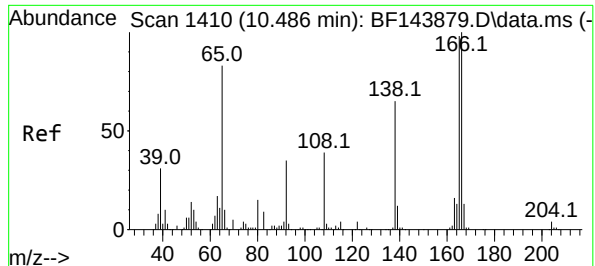


#61
4-Chlorophenyl-phenylether
Concen: 6.011 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



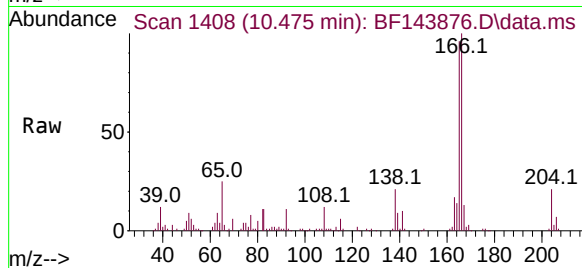
Tgt Ion:204 Resp: 52199
Ion Ratio Lower Upper
204 100
206 35.9 26.6 40.0
141 53.7 40.4 60.6





#62
4-Nitroaniline
Concen: 4.625 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

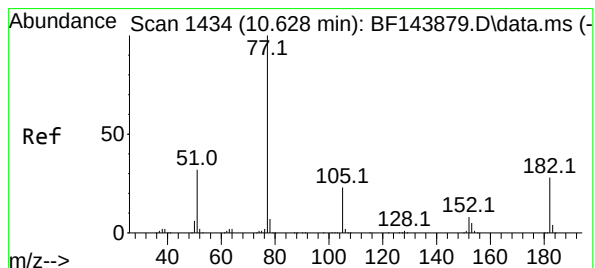
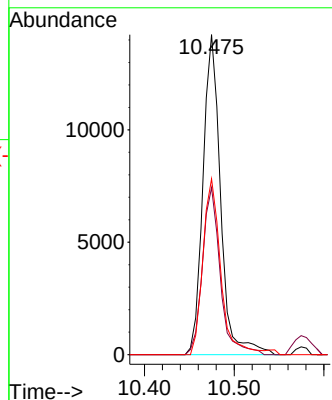
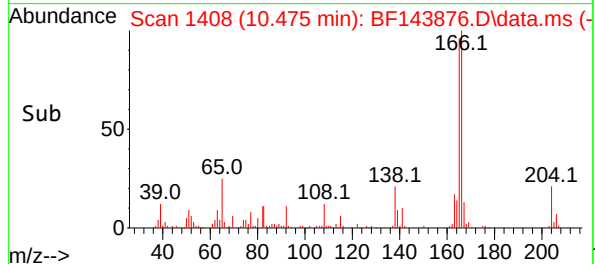
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1944
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 54.9 40.2 80.2

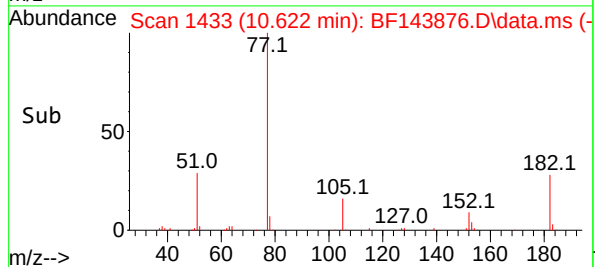
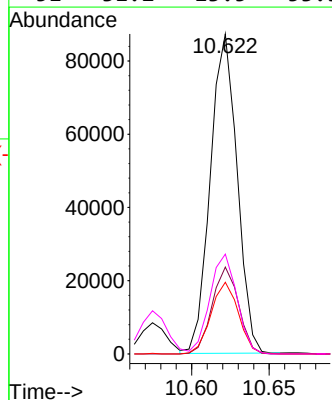
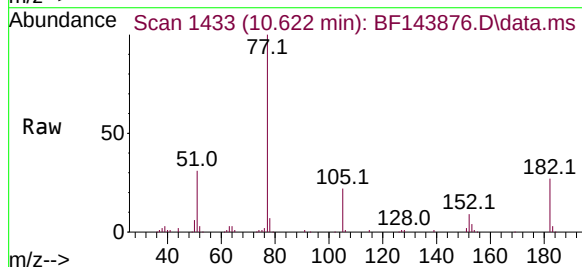
Manual Integrations
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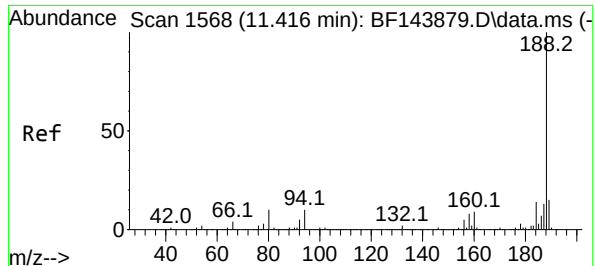
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#63
Azobenzene
Concen: 5.625 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

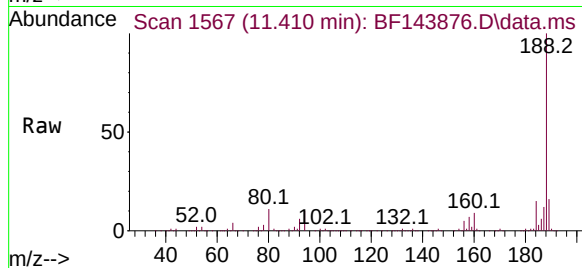
Tgt Ion: 77 Resp: 105174
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 22.4 3.0 43.0
51 31.2 13.5 53.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

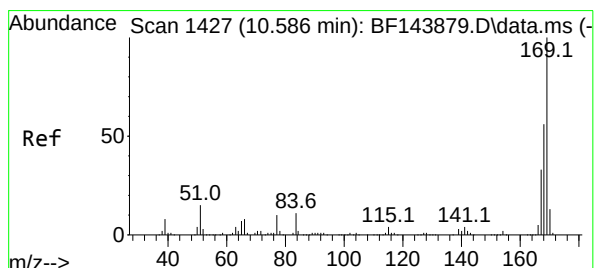
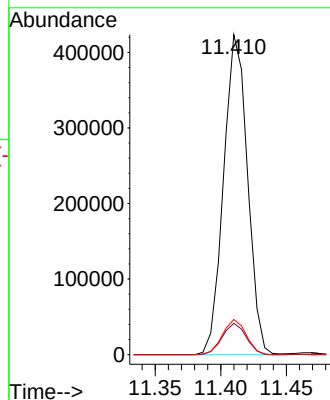
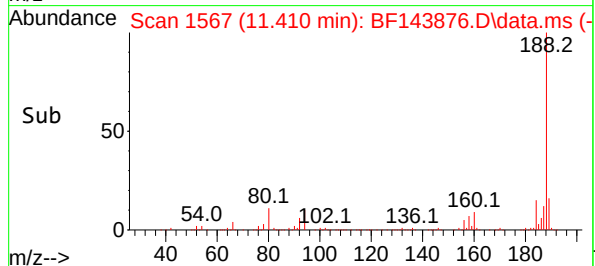
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



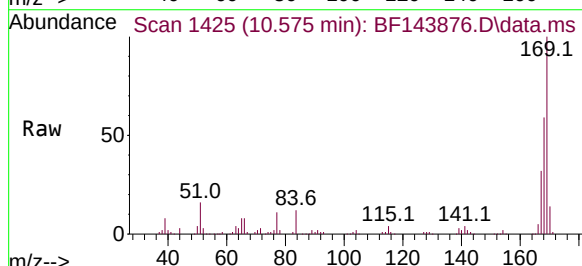
Tgt Ion:188 Resp: 538298
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 11.0 7.9 11.9

Manual Integrations
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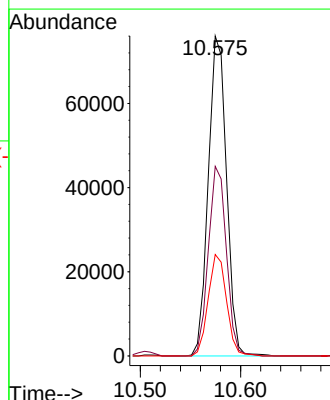
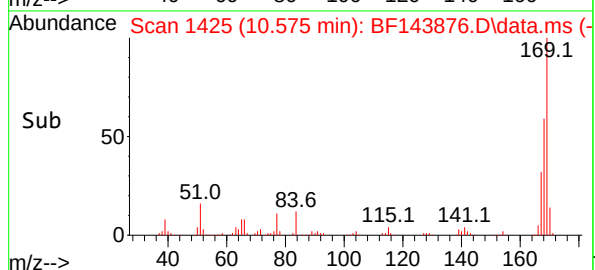
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

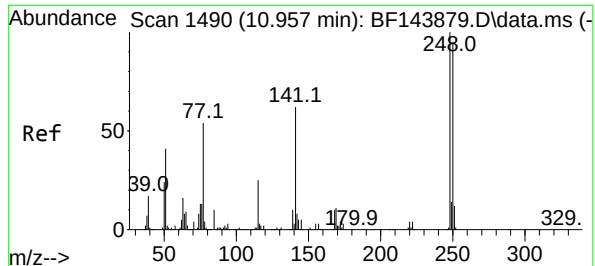


#66
n-Nitrosodiphenylamine
Concen: 5.671 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



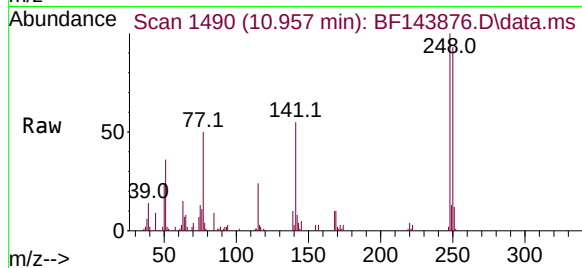
Tgt Ion:169 Resp: 95847
Ion Ratio Lower Upper
169 100
168 59.2 44.9 67.3
167 31.7 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 5.587 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

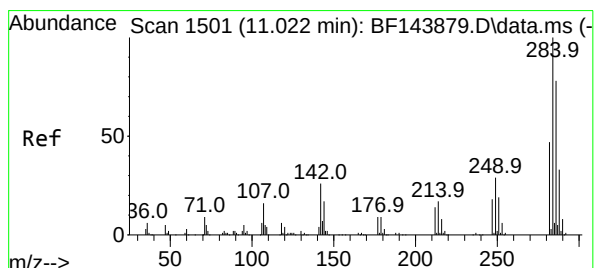
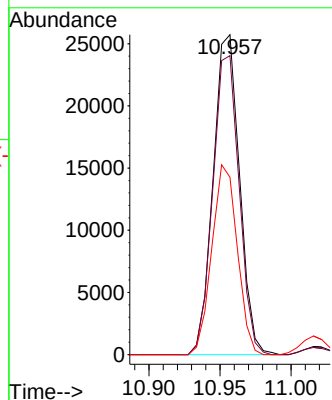
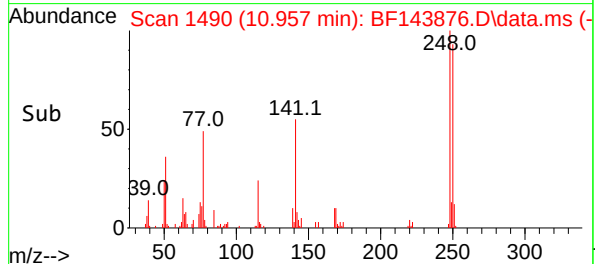
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



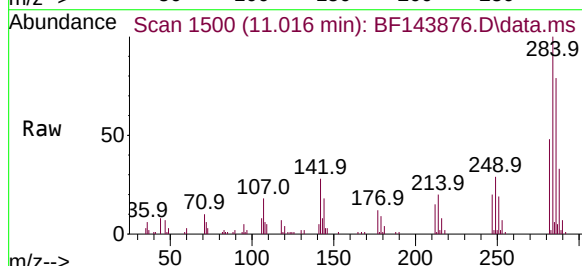
Tgt Ion:248 Resp: 33236
Ion Ratio Lower Upper
248 100
250 93.4 76.3 114.5
141 55.4 49.7 74.5

Manual Integrations
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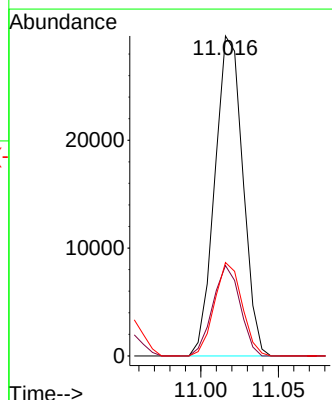
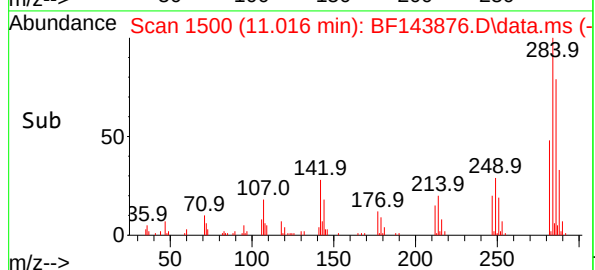
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

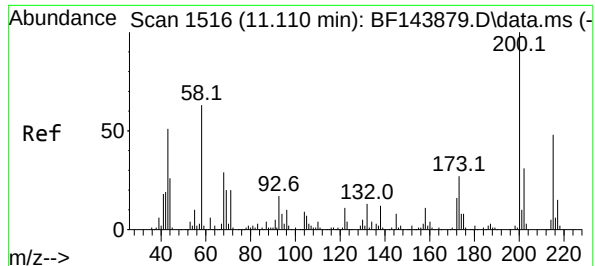


#68
Hexachlorobenzene
Concen: 5.406 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:284 Resp: 37233
Ion Ratio Lower Upper
284 100
142 28.2 20.6 30.8
249 29.2 23.2 34.8





#69

Atrazine

Concen: 5.174 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

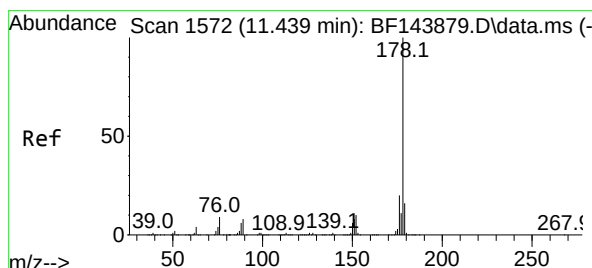
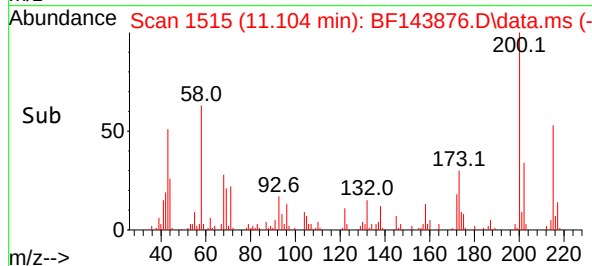
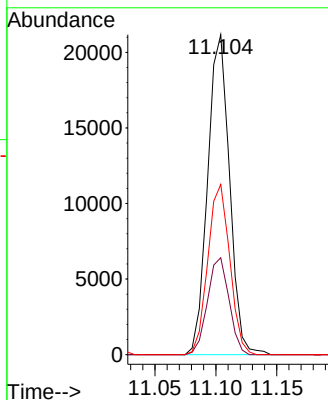
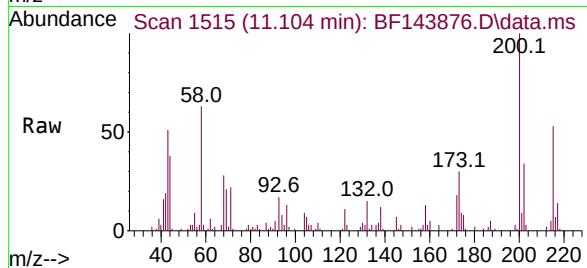
SSTDICC005

Tgt Ion:200 Resp: 2650
Ion Ratio Lower Upper
200 100
173 30.3 7.0 47.0
215 53.2 27.8 67.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#71

Phenanthrene

Concen: 6.004 ng

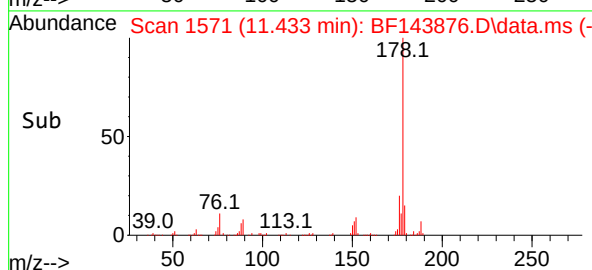
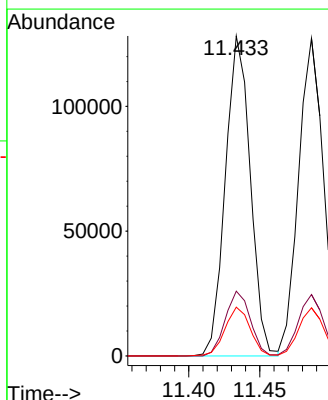
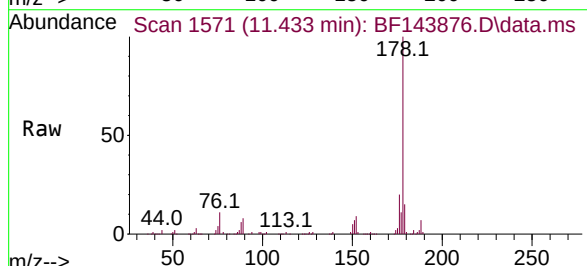
RT: 11.433 min Scan# 1571

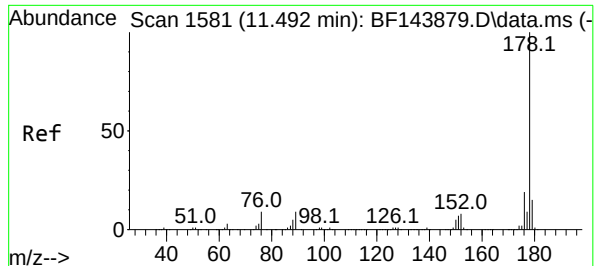
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

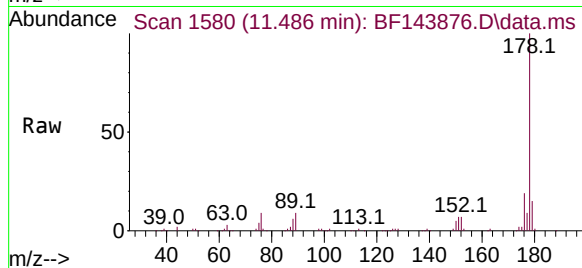
Tgt Ion:178 Resp: 156676
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.2 12.4 18.6





#72
Anthracene
Concen: 5.928 ng
RT: 11.486 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

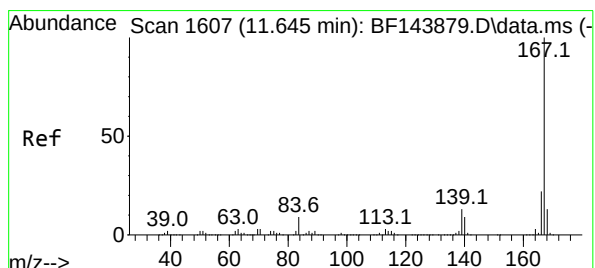
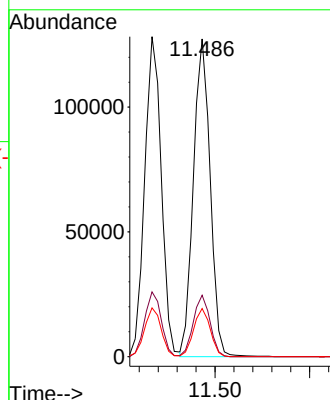
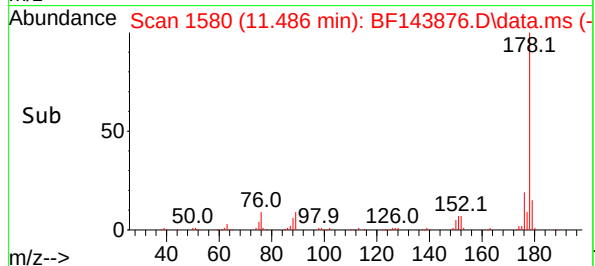
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



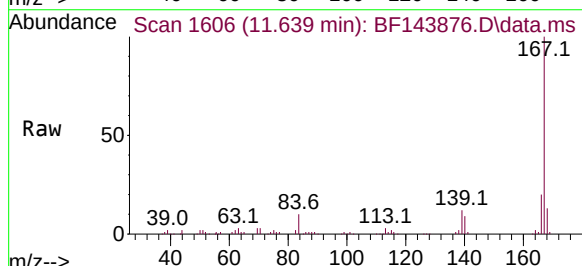
Tgt Ion:178 Resp: 156289
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.1 12.2 18.2

Manual Integrations
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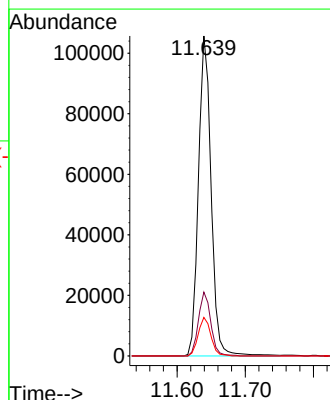
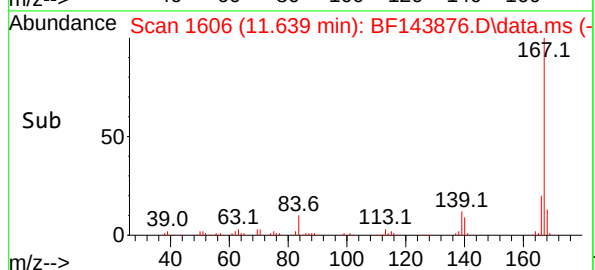
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

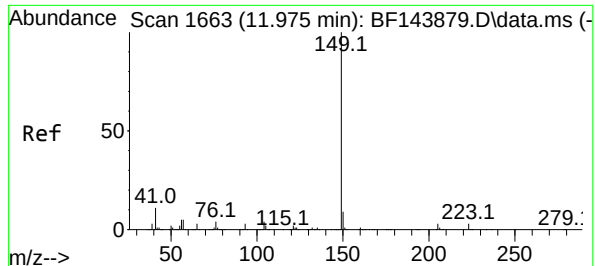


#73
Carbazole
Concen: 5.850 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



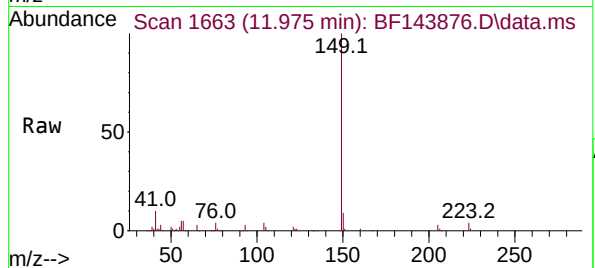
Tgt Ion:167 Resp: 136597
Ion Ratio Lower Upper
167 100
166 19.9 17.2 25.8
139 12.0 10.1 15.1





#74
Di-n-butylphthalate
Concen: 5.417 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

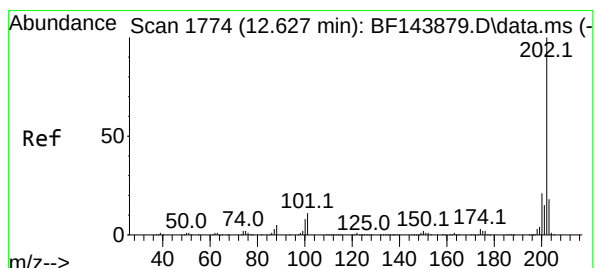
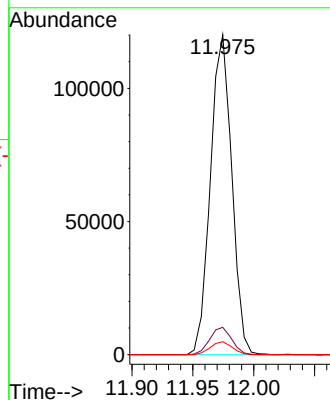
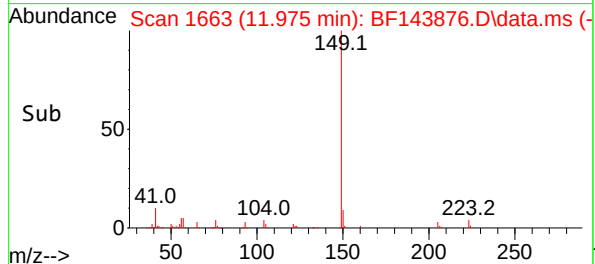
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



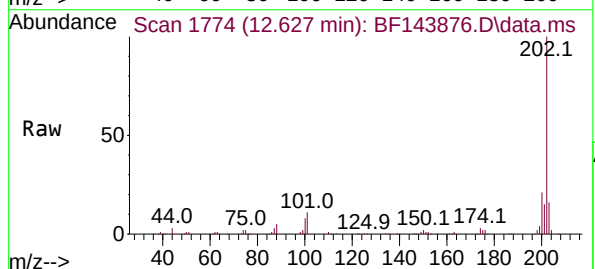
Tgt Ion:149 Resp: 146596
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 4.0 3.4 5.2

Manual Integrations
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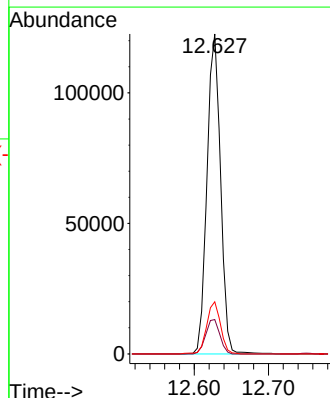
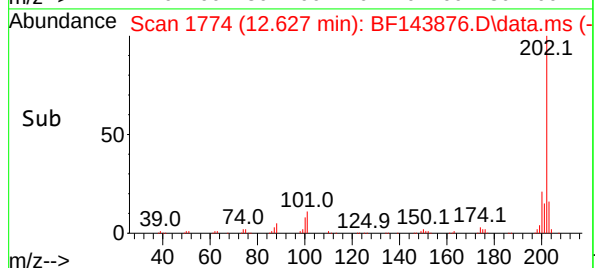
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

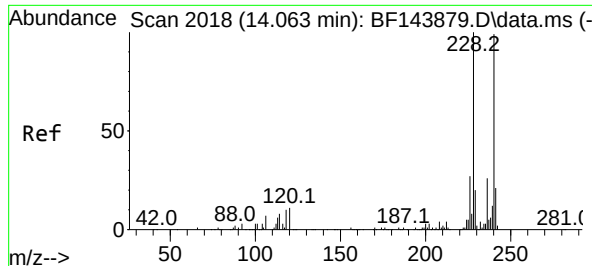


#75
Fluoranthene
Concen: 5.771 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:202 Resp: 155574
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 16.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF143876.D

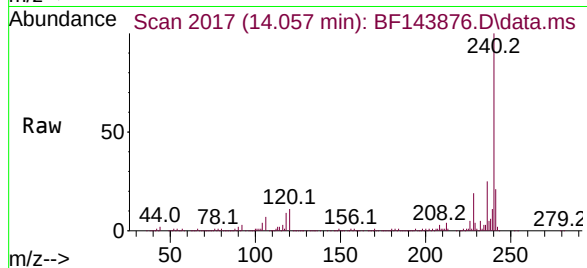
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:240 Resp: 37993

Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

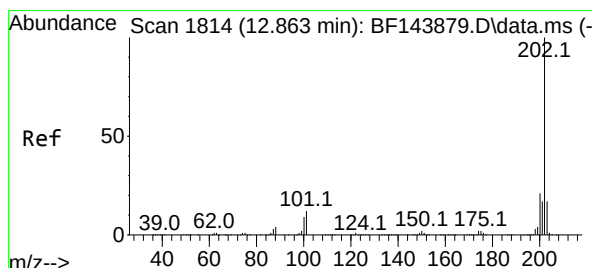
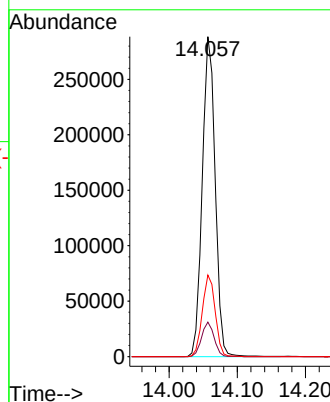
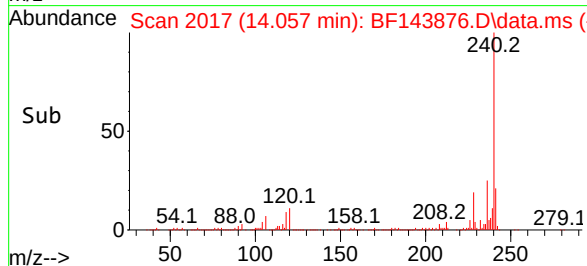
236 25.5 21.1 31.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 5.510 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

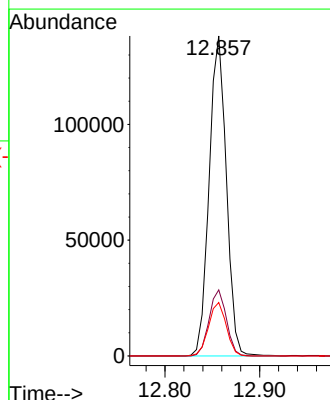
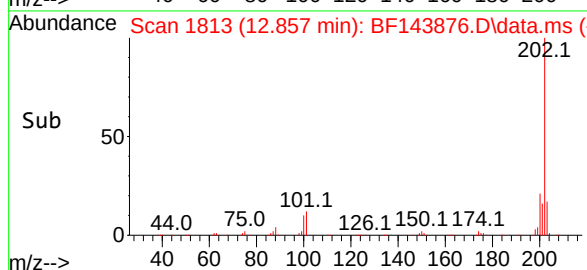
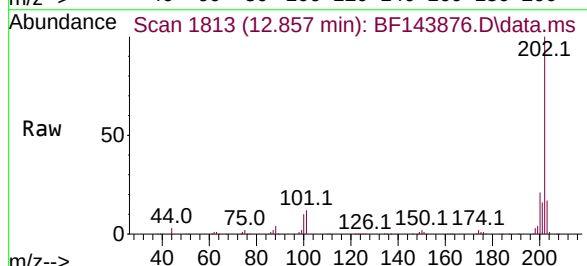
Tgt Ion:202 Resp: 174542

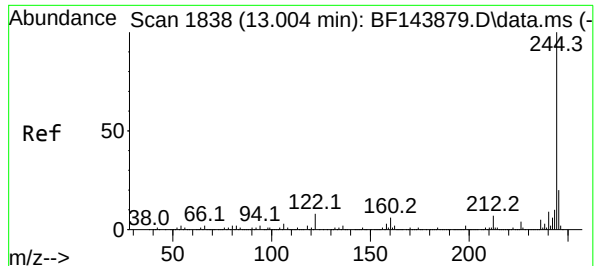
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 11.121 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 247223

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

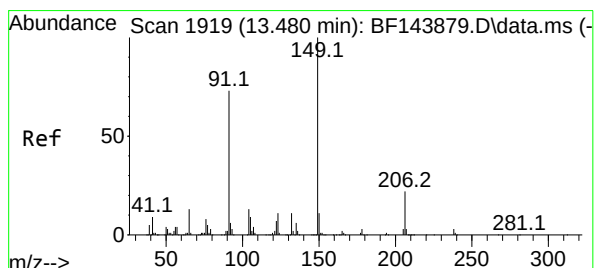
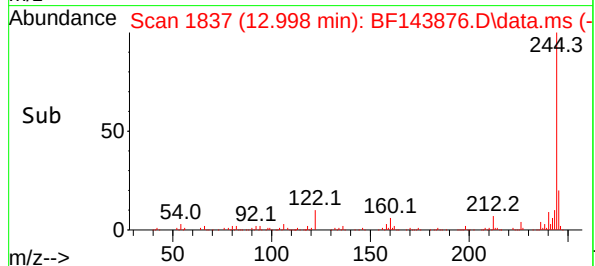
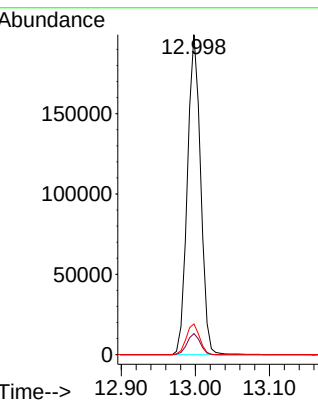
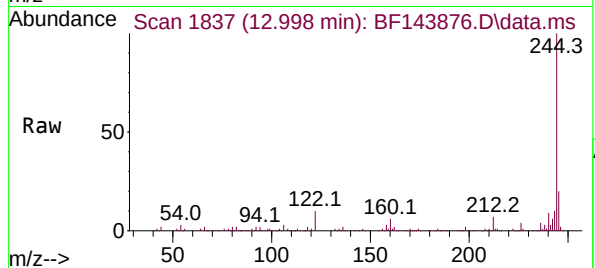
122 9.6 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 4.302 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

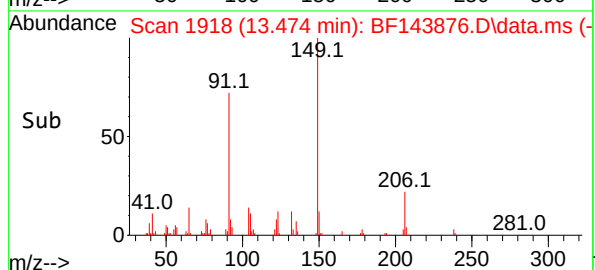
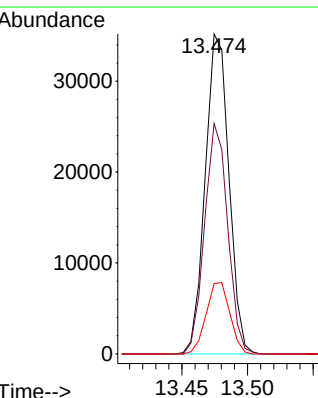
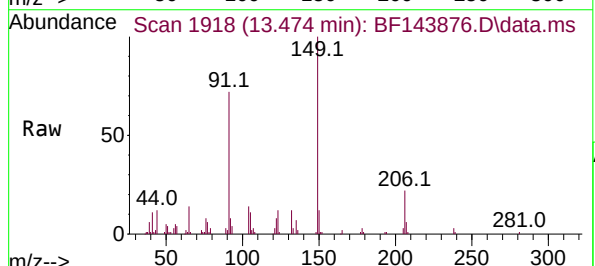
Tgt Ion:149 Resp: 44252

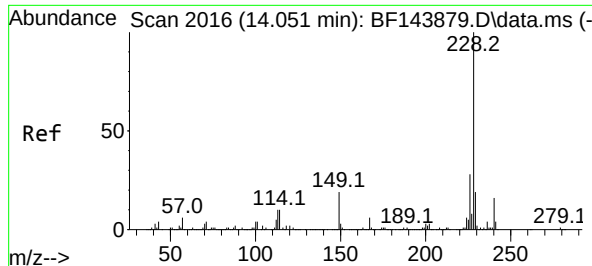
Ion Ratio Lower Upper

149 100

91 72.0 58.2 87.2

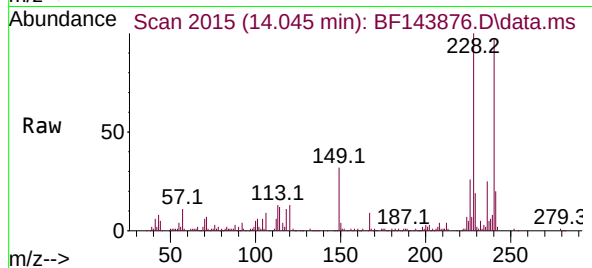
206 22.0 17.9 26.9





#81
Benzo(a)anthracene
Concen: 5.125 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

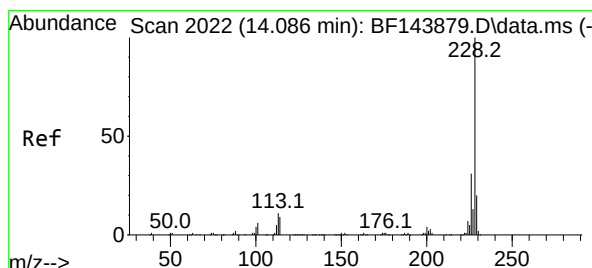
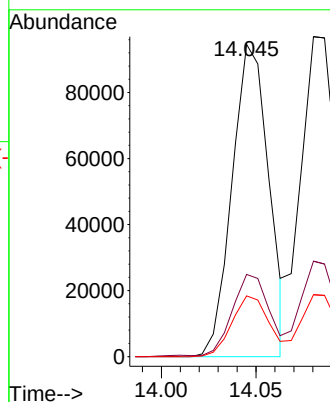
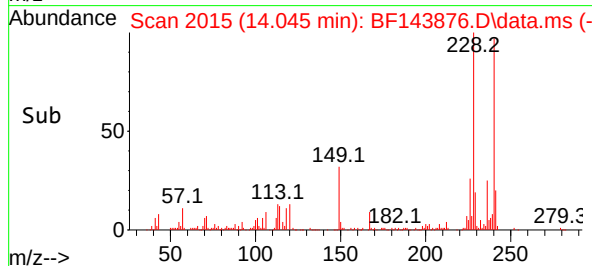
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 127434
Ion Ratio Lower Upper
228 100
226 26.3 22.2 33.2
229 19.4 15.6 23.4

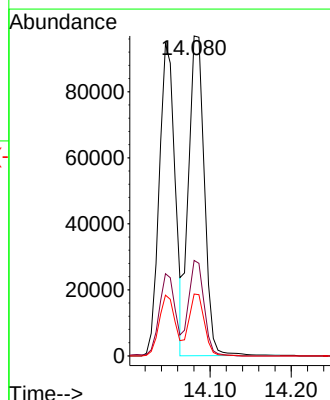
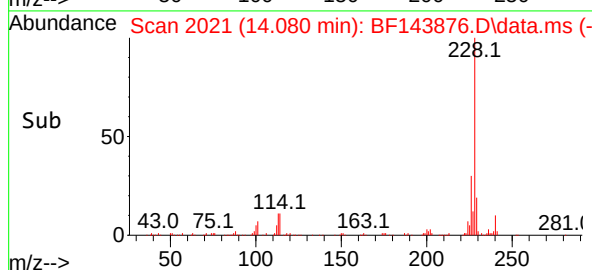
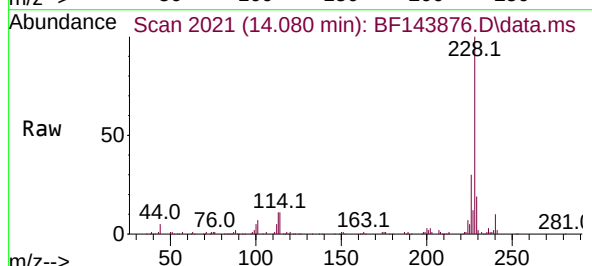
Manual Integrations
APPROVED

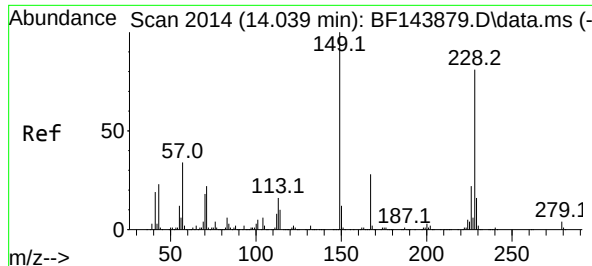
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#83
Chrysene
Concen: 5.669 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:228 Resp: 130450
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.3 15.9 23.9





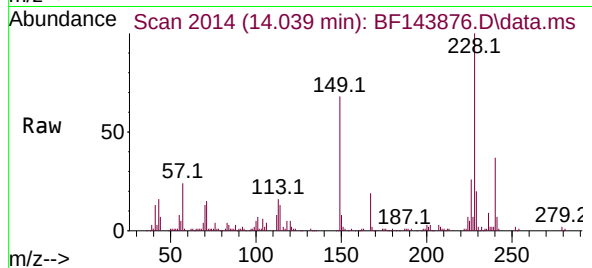
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.529 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC005



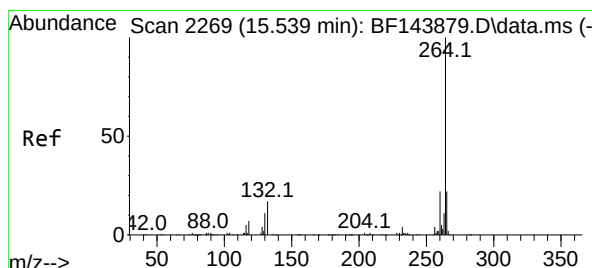
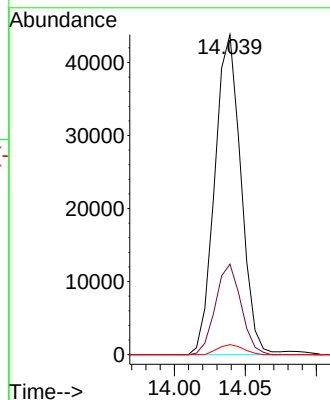
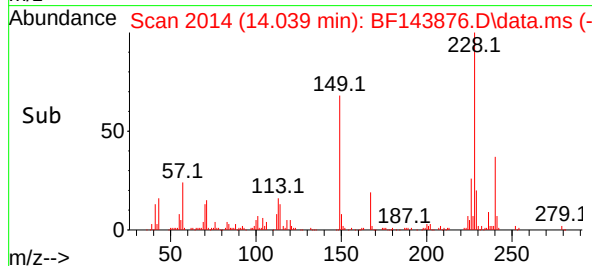
Tgt Ion:149 Resp: 56165
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 3.1 3.1 4.7

Manual Integrations

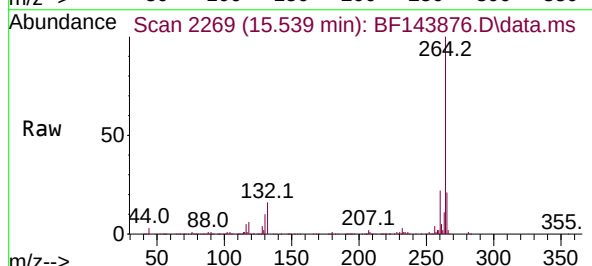
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

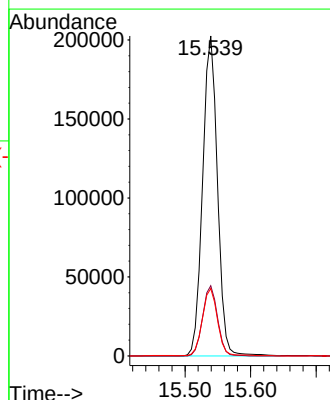
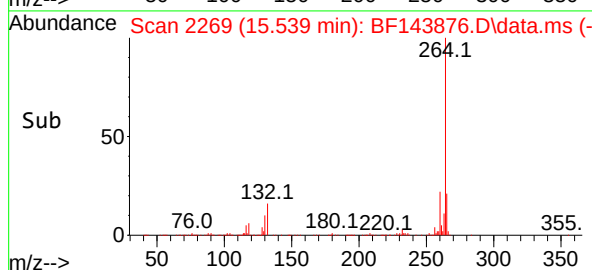
Supervised By :Jagrut Upadhyay 10/07/2025

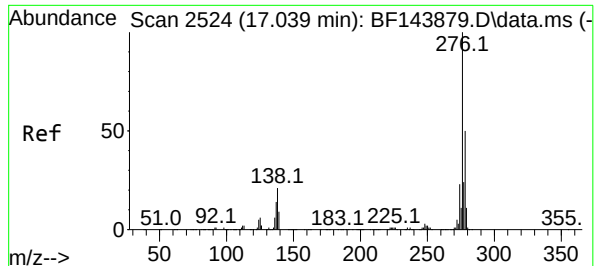


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:264 Resp: 317181
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.544 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

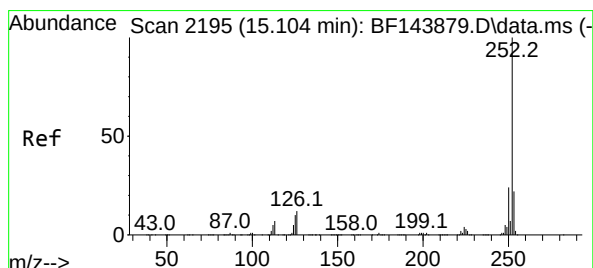
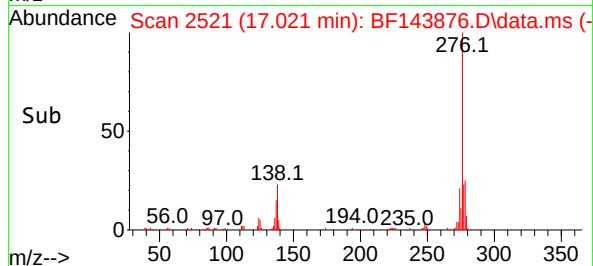
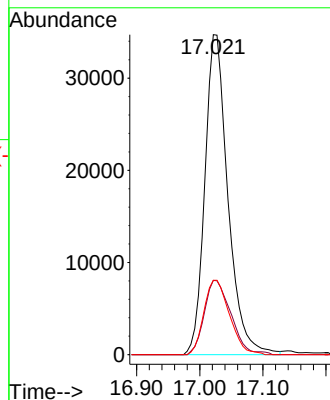
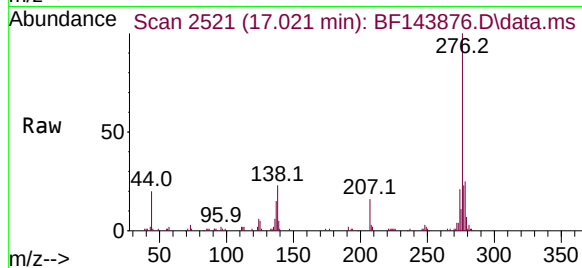
SSTDICC005

Tgt Ion	276	138	277
Resp	8832	26.7	25.7
Lower		18.2	19.8
Upper		27.2	29.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 5.255 ng

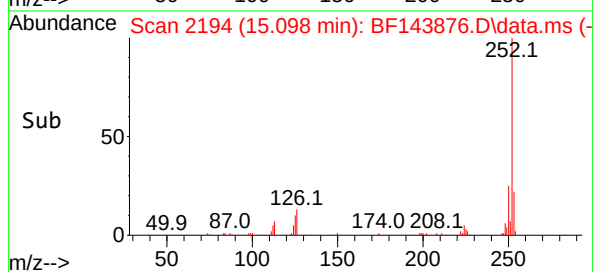
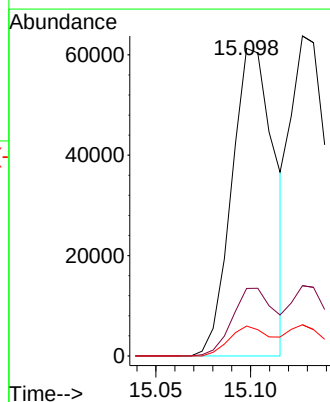
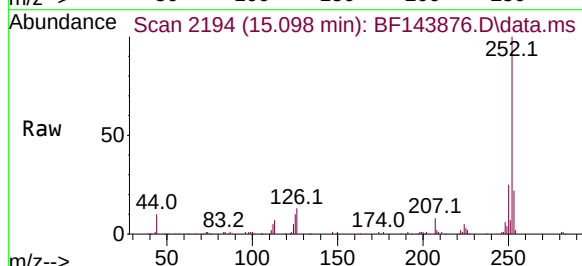
RT: 15.098 min Scan# 2194

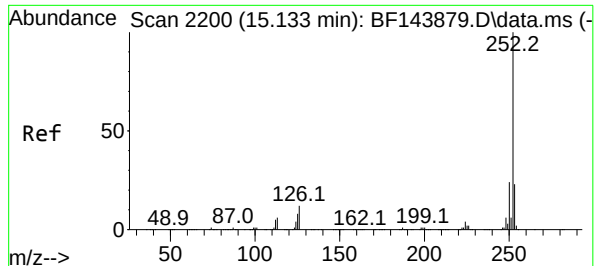
Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion	252	253	125
Resp	95737	21.9	9.7
Lower		17.4	7.8
Upper		26.2	11.6





#89

Benzo(k)fluoranthene

Concen: 5.352 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

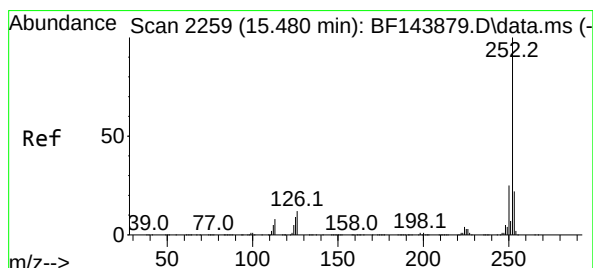
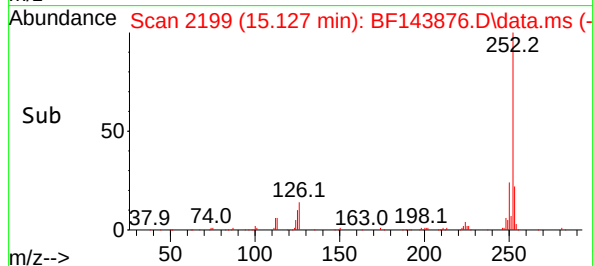
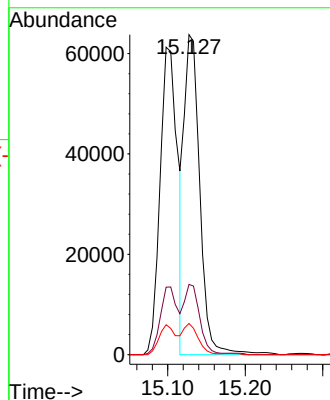
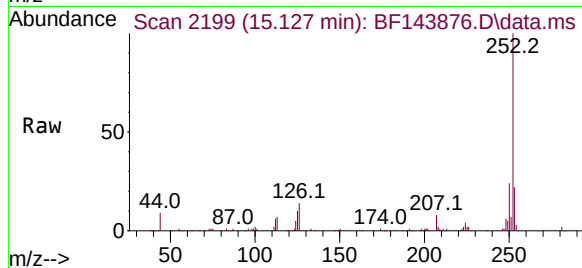
Tgt Ion:252	Resp:	90226
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.8 26.8
125	9.7	7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 5.018 ng

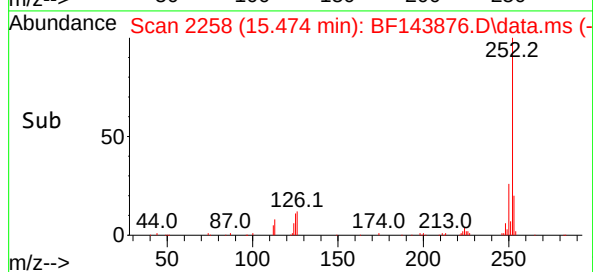
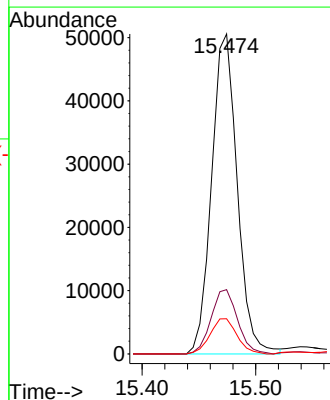
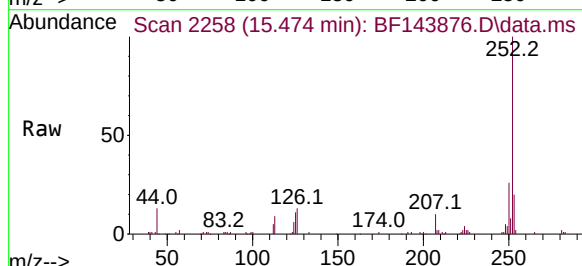
RT: 15.474 min Scan# 2258

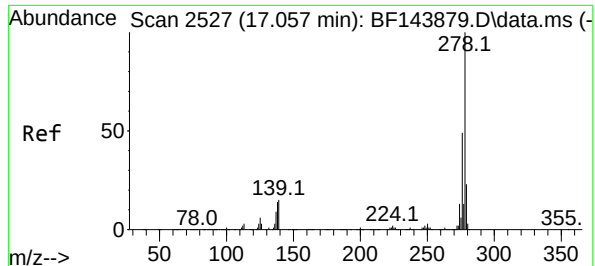
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:252	Resp:	79275
Ion Ratio	Lower	Upper
252	100	
253	20.1	17.3 25.9
125	11.0	7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 4.507 ng

RT: 17.045 min Scan# 2527

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

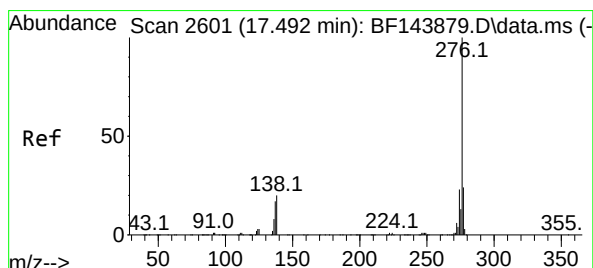
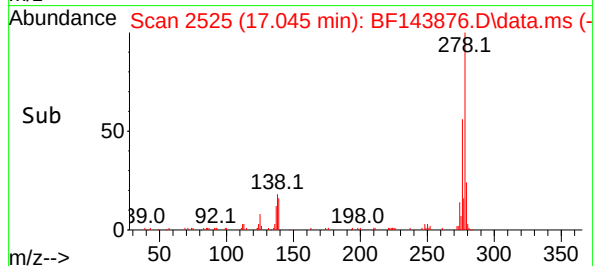
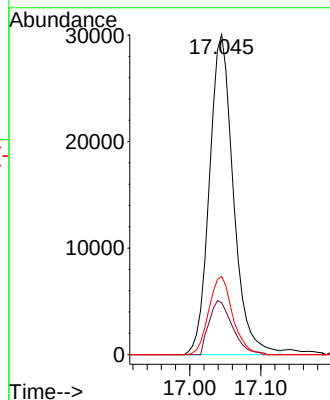
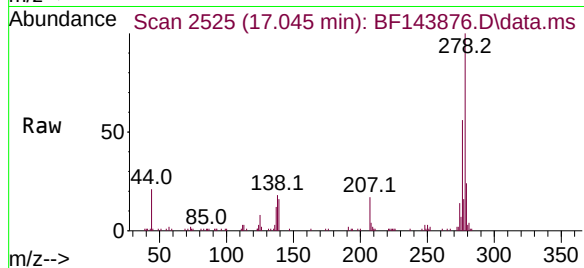
SSTDICC005

Tgt Ion:	278	Resp:	70452
Ion Ratio	Lower	Upper	
278	100		
139	16.2	11.7	17.5
279	24.4	18.4	27.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#92

Benzo(g,h,i)perylene

Concen: 4.508 ng

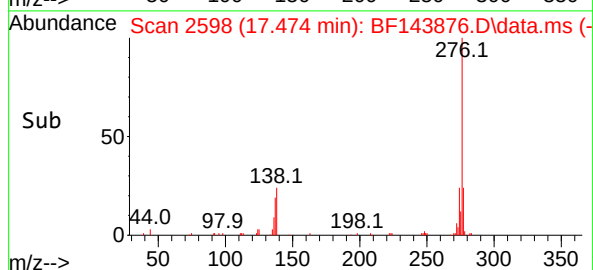
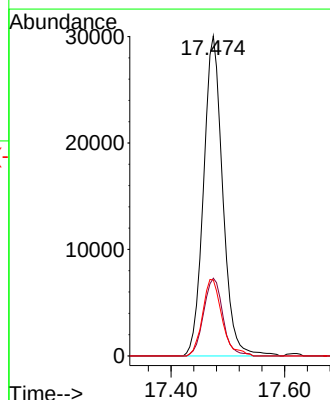
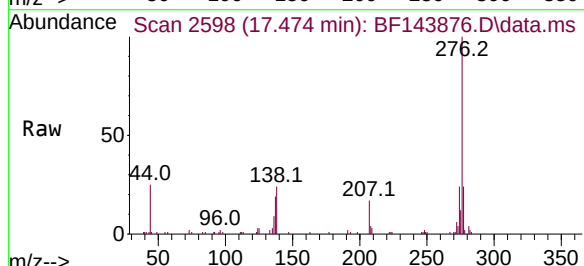
RT: 17.474 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:	276	Resp:	70468
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.6
138	23.7	16.1	24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143877.D
 Acq On : 06 Oct 2025 10:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126533	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	283821	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	366499	20.000	ng	-0.01
86) Perylene-d12	15.539	264	297391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170697	21.422	ng	-0.01
7) Phenol-d6	6.493	99	206358	21.727	ng	-0.02
23) Nitrobenzene-d5	7.440	82	164127	20.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	54453	19.262	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	404164	22.595	ng	-0.01
79) Terphenyl-d14	12.998	244	442968	20.657	ng	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	2.622	88	37665	10.215	ng	96
3) Pyridine	3.399	79	105800	9.856	ng	99
4) n-Nitrosodimethylamine	3.322	42	49793	8.818	ng	99
6) Aniline	6.540	93	147222	10.344	ng	98
8) 2-Chlorophenol	6.663	128	77754	9.983	ng	97
9) Benzaldehyde	6.434	77	70546	9.629	ng	98
10) Phenol	6.510	94	114780m	10.109	ng	
11) bis(2-Chloroethyl)ether	6.610	93	92208	10.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	100630	10.793	ng	96
13) 1,4-Dichlorobenzene	6.898	146	101588	11.046	ng	97
14) 1,2-Dichlorobenzene	7.051	146	95345	10.824	ng	98
15) Benzyl Alcohol	7.016	79	70756	9.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214183	10.728	ng	99
17) 2-Methylphenol	7.122	107	66872	10.389	ng	96
18) Hexachloroethane	7.398	117	32160	10.486	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	71731	11.034	ng	94
20) 3+4-Methylphenols	7.275	107	88634	11.881	ng	95
22) Acetophenone	7.287	105	113751	10.900	ng	96
24) Nitrobenzene	7.457	77	86228	9.558	ng	96
25) Isophorone	7.698	82	174767	10.203	ng	98
26) 2-Nitrophenol	7.781	139	32787	8.477	ng	95
27) 2,4-Dimethylphenol	7.810	122	70960	10.199	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	116898	10.804	ng	95
29) 2,4-Dichlorophenol	8.016	162	72141	9.954	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	73668	10.336	ng	98
31) Naphthalene	8.187	128	245857	10.951	ng	99
32) Benzoic acid	7.869	122	32361m	6.721	ng	
33) 4-Chloroaniline	8.234	127	91294	10.842	ng	95
34) Hexachlorobutadiene	8.304	225	52824	10.665	ng	98
35) Caprolactam	8.569	113	22813	9.900	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	74546	10.708	ng	96
37) 2-Methylnaphthalene	8.875	142	168581	11.272	ng	98
38) 1-Methylnaphthalene	8.975	142	161895	11.160	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	83972	10.705	ng	97
41) Hexachlorocyclopentadiene	9.034	237	25812	7.932	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	55929	9.758	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143877.D
 Acq On : 06 Oct 2025 10:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	63036	10.407	ng	98
46) 1,1'-Biphenyl	9.339	154	209528	11.150	ng	99
47) 2-Chloronaphthalene	9.363	162	169672	10.829	ng	96
48) 2-Nitroaniline	9.457	65	45663	9.219	ng	96
49) Acenaphthylene	9.781	152	241454	10.962	ng	98
50) Dimethylphthalate	9.633	163	191729	10.638	ng	99
51) 2,6-Dinitrotoluene	9.698	165	28928	8.655	ng	95
52) Acenaphthene	9.957	154	158214	10.962	ng	99
53) 3-Nitroaniline	9.869	138	38386	9.380	ng	99
54) 2,4-Dinitrophenol	9.975	184	8624	10.761	ng	# 60
55) Dibenzofuran	10.128	168	228160	11.199	ng	97
56) 4-Nitrophenol	10.016	139	24585	7.934	ng	89
57) 2,4-Dinitrotoluene	10.098	165	40299	8.862	ng	95
58) Fluorene	10.469	166	179607	11.683	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	43052	10.041	ng	# 95
60) Diethylphthalate	10.339	149	181846	10.860	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	94000	11.565	ng	98
62) 4-Nitroaniline	10.475	138	36684	9.322	ng	95
63) Azobenzene	10.622	77	188888	10.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	16274	6.421	ng	96
66) n-Nitrosodiphenylamine	10.580	169	172118	10.869	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	58980	10.581	ng	96
68) Hexachlorobenzene	11.022	284	67494	10.459	ng	98
69) Atrazine	11.104	200	52016	10.837	ng	98
70) Pentachlorophenol	11.216	266	29608	7.989	ng	96
71) Phenanthrene	11.433	178	275484	11.267	ng	99
72) Anthracene	11.486	178	276694	11.201	ng	99
73) Carbazole	11.639	167	242534	11.086	ng	99
74) Di-n-butylphthalate	11.975	149	275838	10.879	ng	99
75) Fluoranthene	12.627	202	290713	11.510	ng	99
77) Benzidine	12.751	184	128424	10.092	ng	98
78) Pyrene	12.857	202	304789	9.975	ng	99
80) Butylbenzylphthalate	13.480	149	92241	9.296	ng	97
81) Benzo(a)anthracene	14.051	228	246871	10.293	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	66722	9.129	ng	# 99
83) Chrysene	14.086	228	217741	9.809	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	113431	9.483	ng	97
85) Di-n-octyl phthalate	14.657	149	153434	7.810	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	164200	9.011	ng	96
88) Benzo(b)fluoranthene	15.104	252	169146	9.901	ng	99
89) Benzo(k)fluoranthene	15.133	252	174390	11.032	ng	98
90) Benzo(a)pyrene	15.474	252	149543	10.096	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	135992	9.279	ng	97
92) Benzo(g,h,i)perylene	17.474	276	132076	9.012	ng	98

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

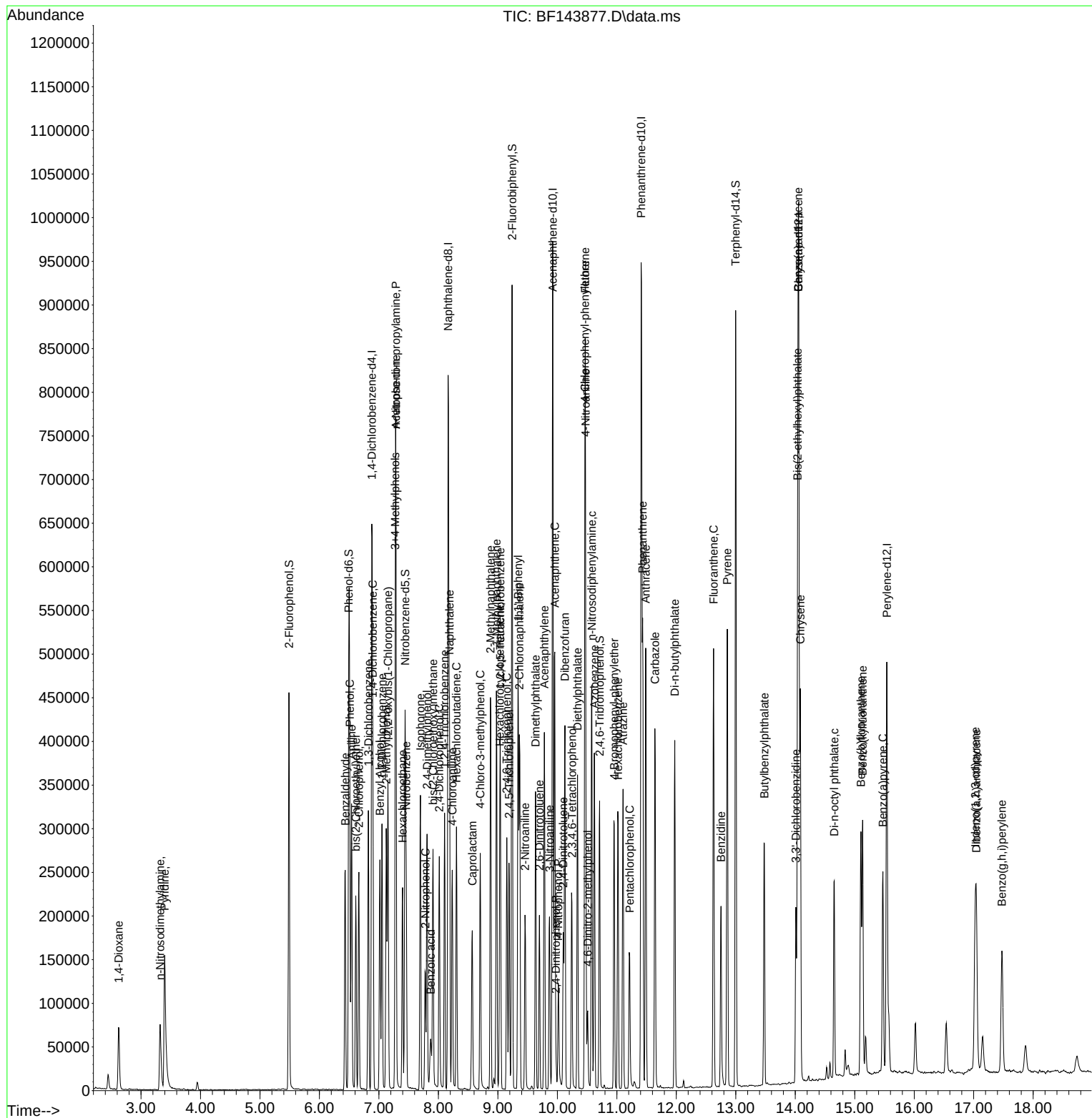
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Data File : BF143877.D  
Acq On    : 06 Oct 2025  10:57  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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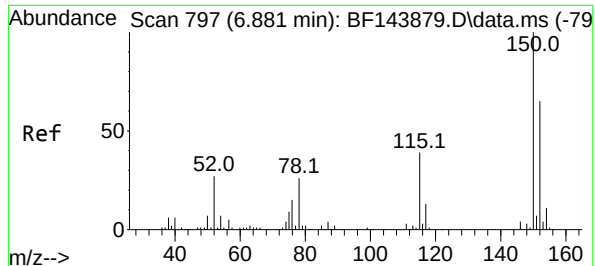
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

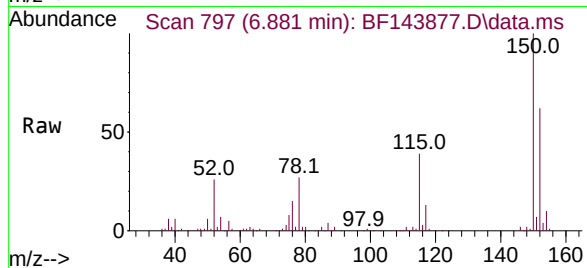
Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

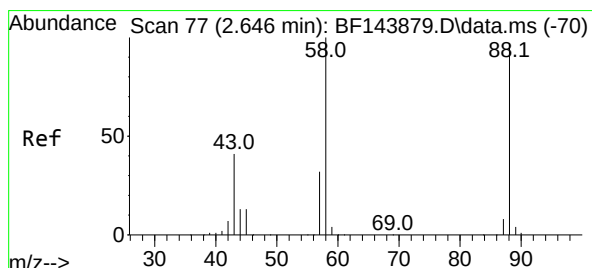
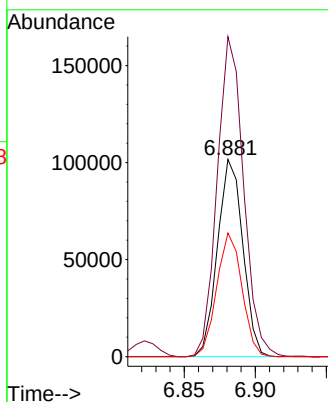
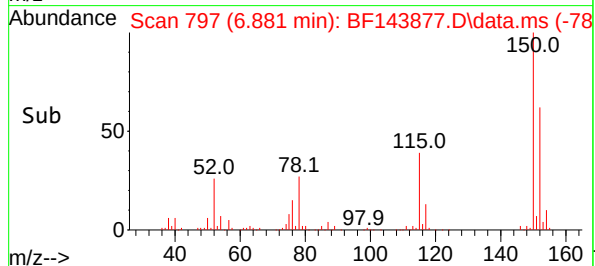
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 126533
Ion Ratio Lower Upper
152 100
150 162.3 124.4 186.6
115 62.7 48.1 72.1

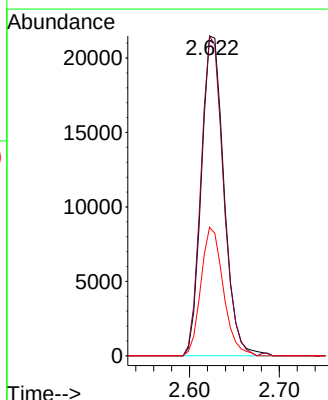
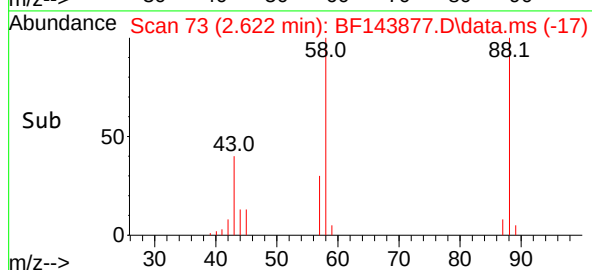
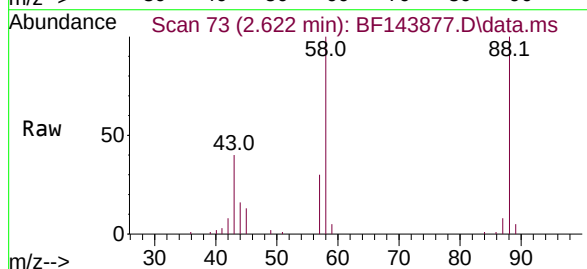
Manual Integrations
APPROVED

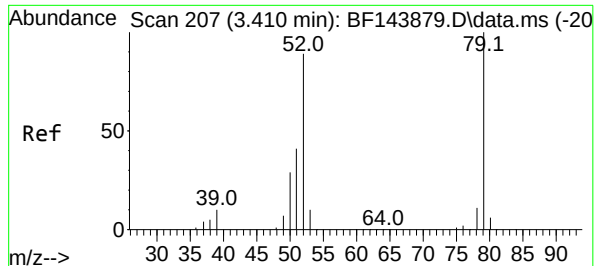
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 10.215 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 88 Resp: 37665
Ion Ratio Lower Upper
88 100
58 99.3 83.0 124.6
43 39.9 33.9 50.9





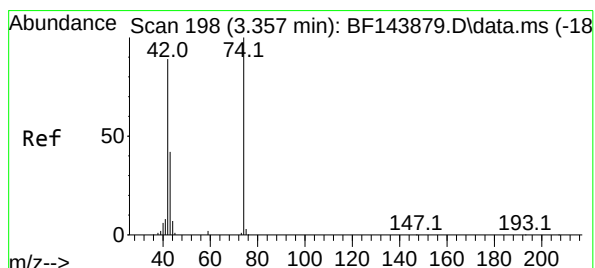
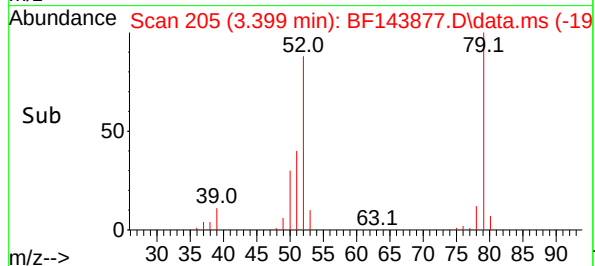
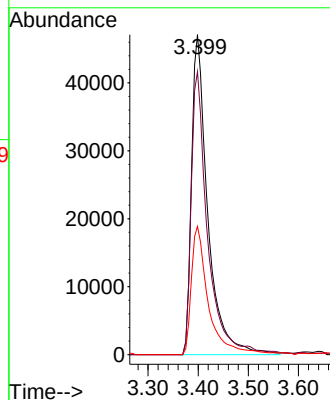
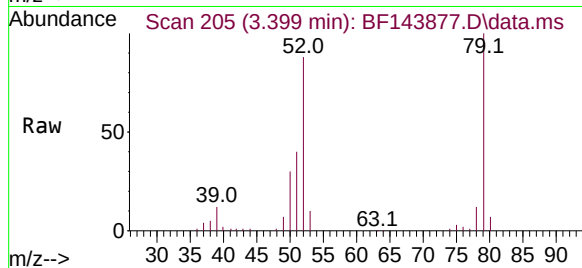
#3
Pyridine
Concen: 9.856 ng
RT: 3.399 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 105800
Ion Ratio Lower Upper
79 100
52 88.4 71.5 107.3
51 40.1 32.9 49.3

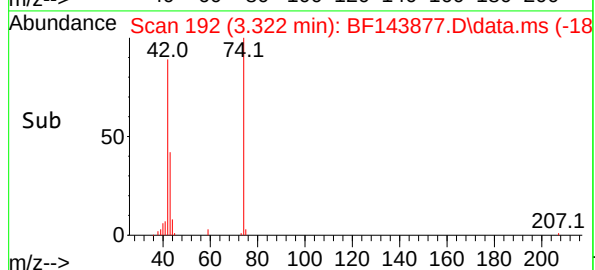
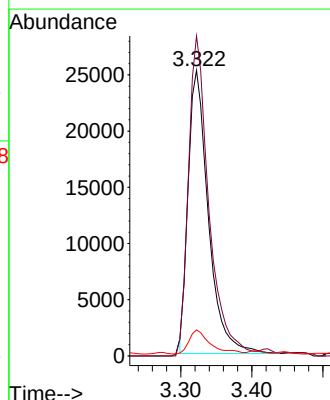
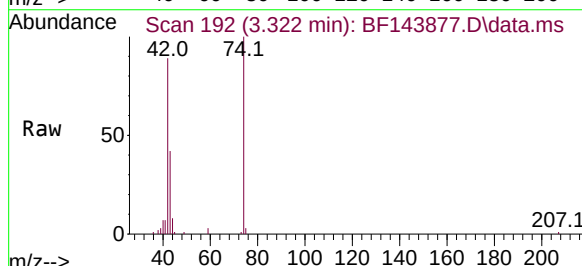
Manual Integrations
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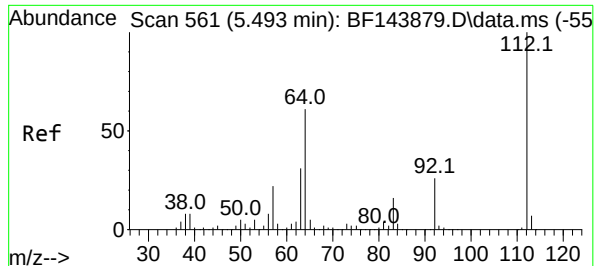
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#4
n-Nitrosodimethylamine
Concen: 8.818 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.065 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 42 Resp: 49793
Ion Ratio Lower Upper
42 100
74 112.1 90.0 135.0
44 9.1 6.2 9.2





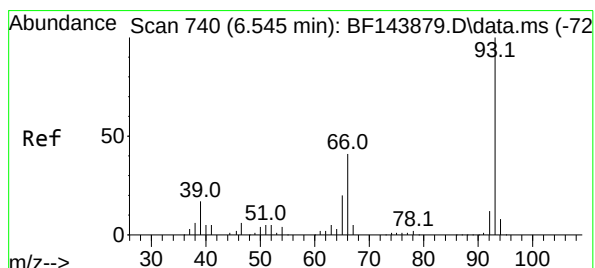
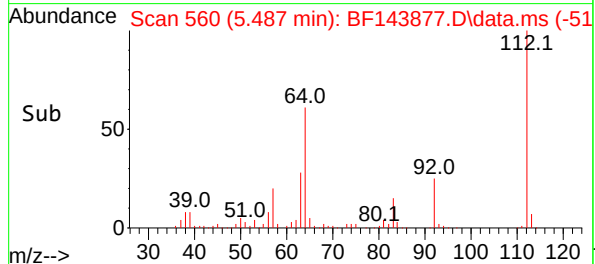
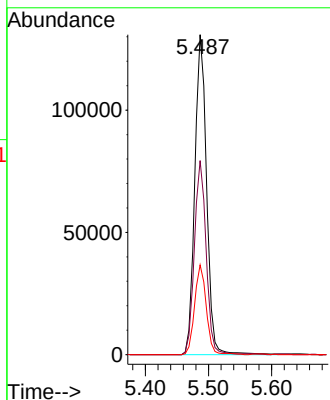
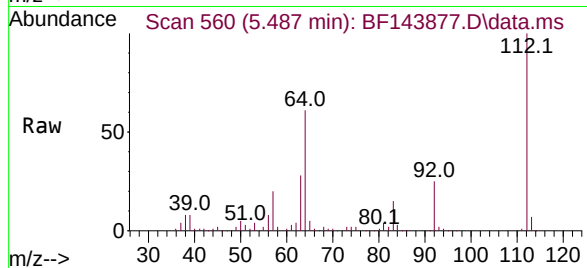
#5
2-Fluorophenol
Concen: 21.422 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 170697
Ion Ratio Lower Upper
112 100
64 60.6 49.1 73.7
63 28.0 24.5 36.7

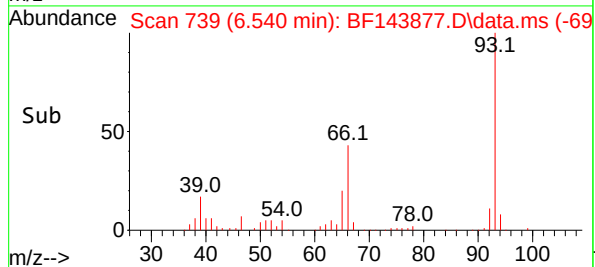
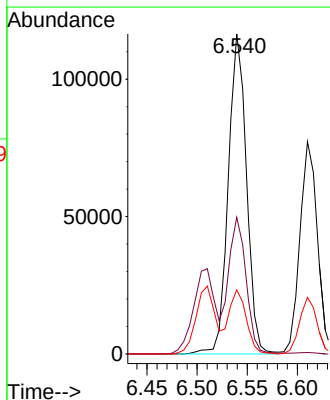
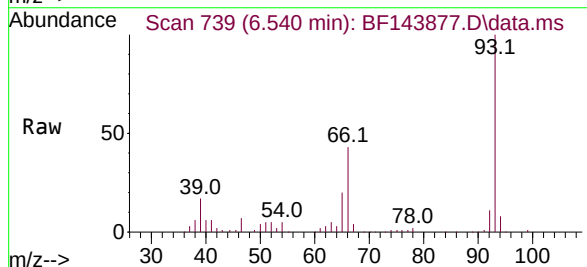
Manual Integrations
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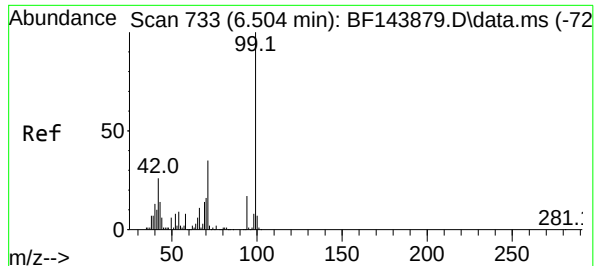
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 10.344 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

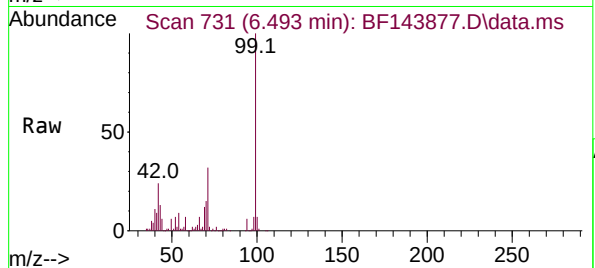
Tgt Ion: 93 Resp: 147222
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 20.0 15.8 23.8





#7
Phenol-d6
Concen: 21.727 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

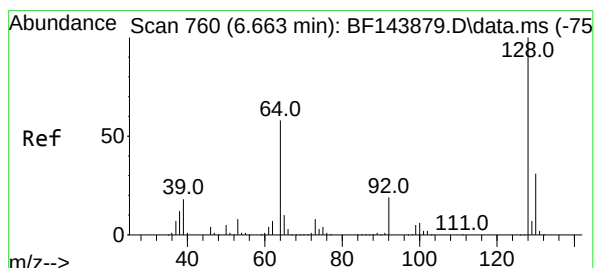
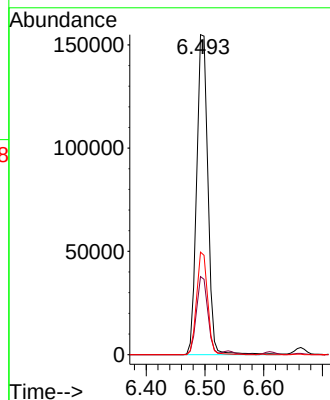
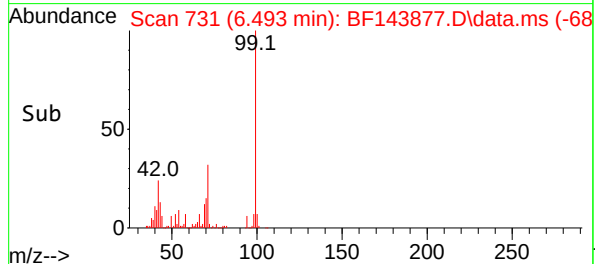
Instrument :
BNA_F
Client Sample Id :
SSTDICC010



Tgt Ion: 99 Resp: 206358
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.0 27.8 41.8

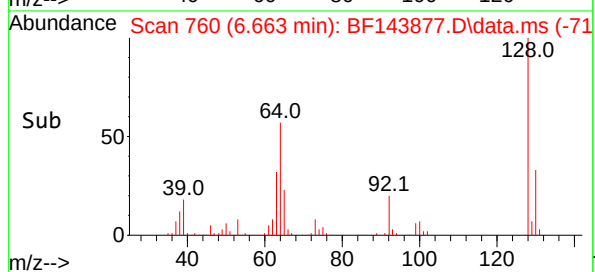
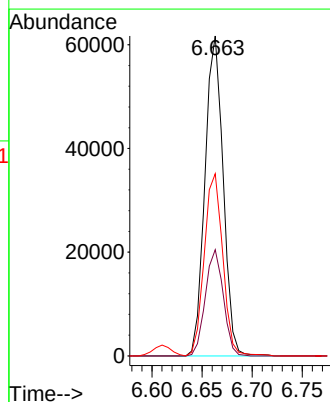
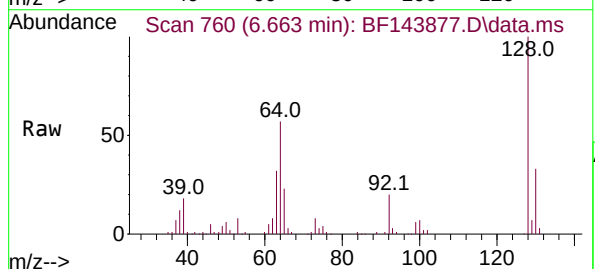
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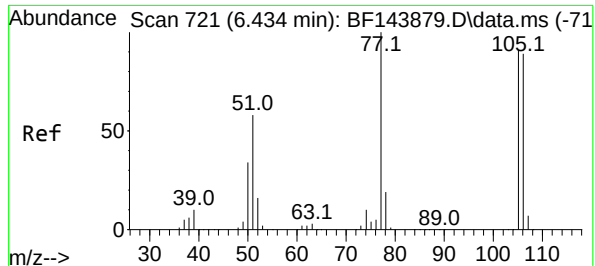
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 9.983 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:128 Resp: 77754
Ion Ratio Lower Upper
128 100
130 33.2 10.7 50.7
64 56.9 39.0 79.0



#9
Benzaldehyde

Concen: 9.629 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 70546

Ion Ratio Lower Upper

77 100

105 92.9 70.9 110.9

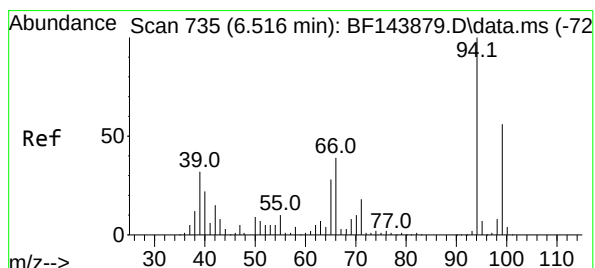
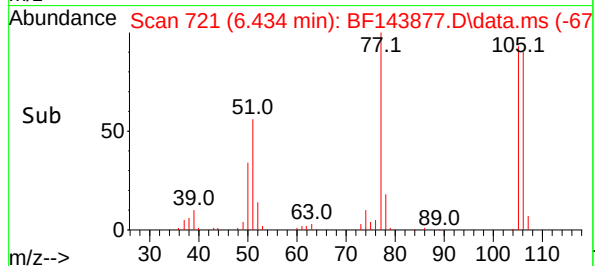
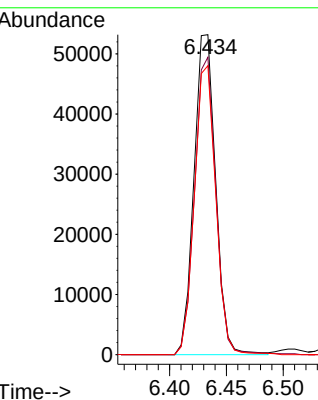
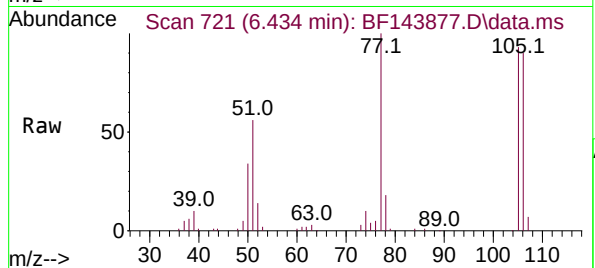
106 90.3 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 10.109 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

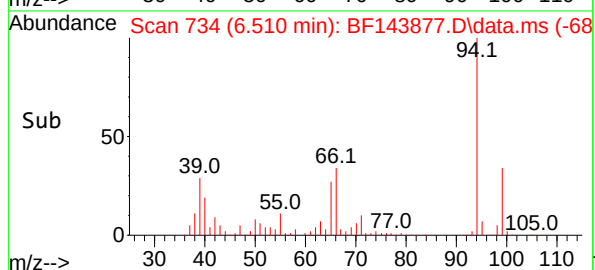
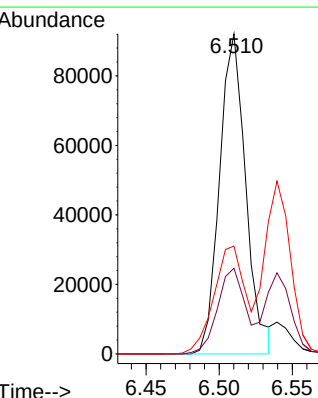
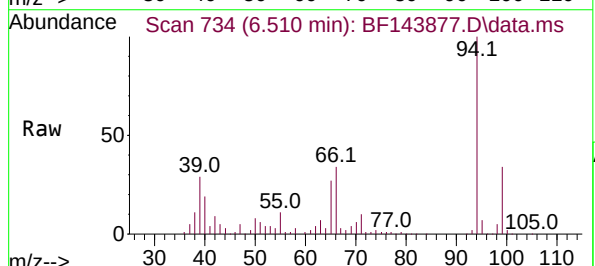
Tgt Ion: 94 Resp: 114780

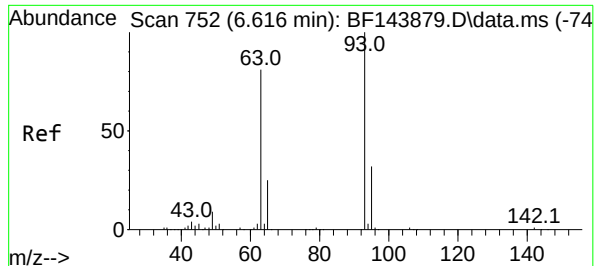
Ion Ratio Lower Upper

94 100

65 26.8 8.5 48.5

66 33.7 19.9 59.9





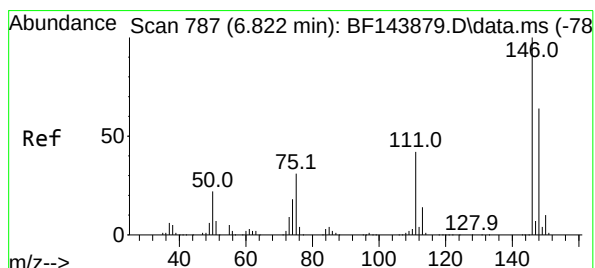
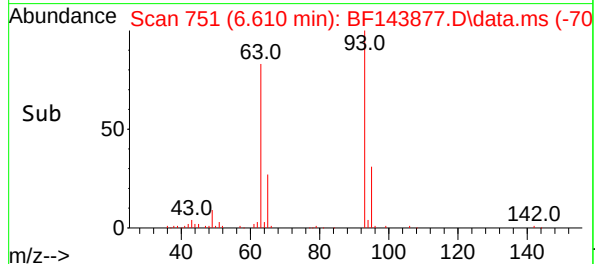
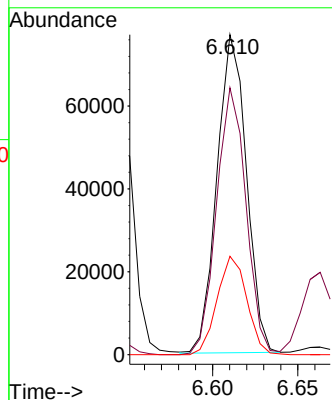
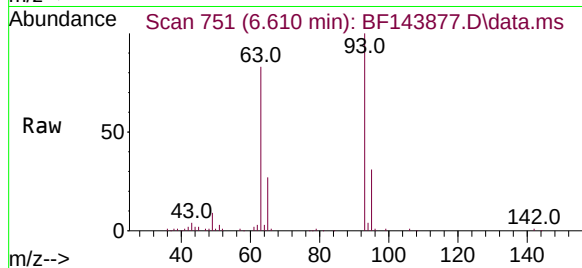
#11
bis(2-Chloroethyl)ether
Concen: 10.513 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 92208
Ion Ratio Lower Upper
93 100
63 83.4 60.9 100.9
95 30.7 11.5 51.5

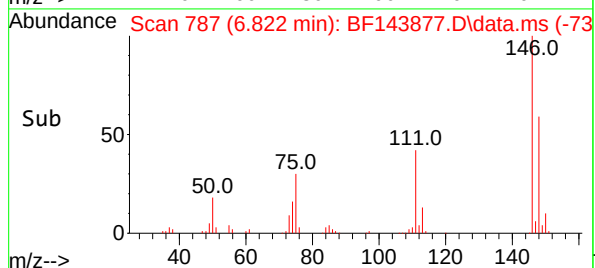
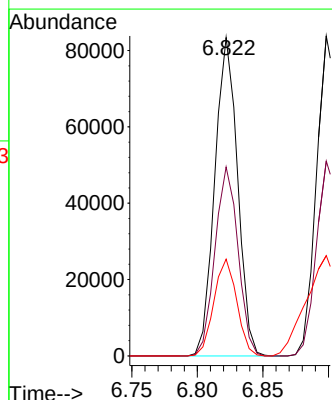
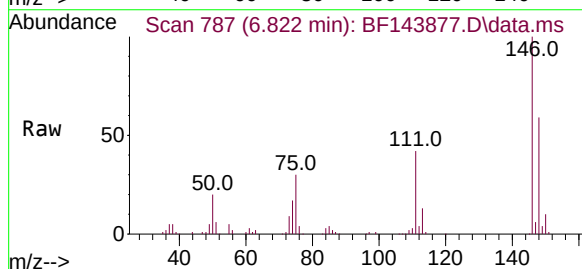
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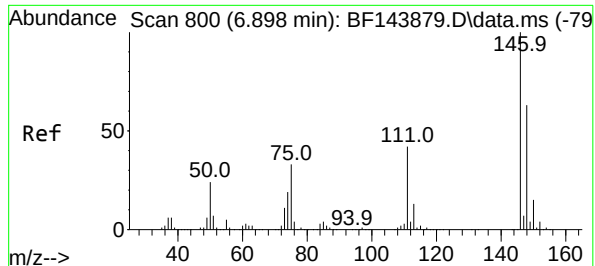
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 10.793 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:146 Resp: 100630
Ion Ratio Lower Upper
146 100
148 59.3 51.0 76.4
75 30.4 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 11.046 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 101588

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

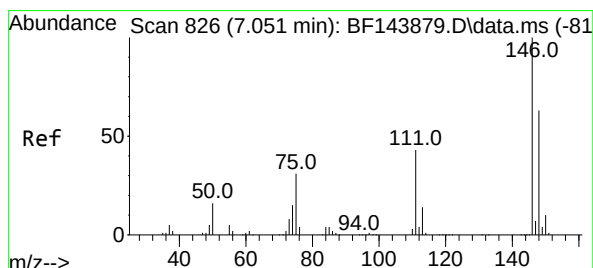
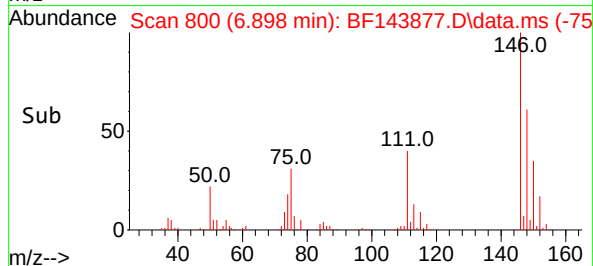
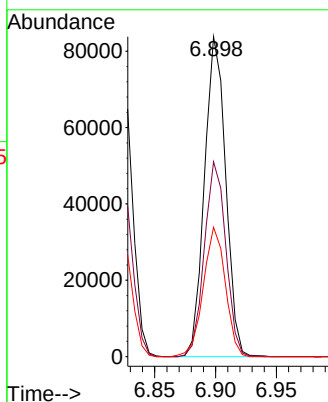
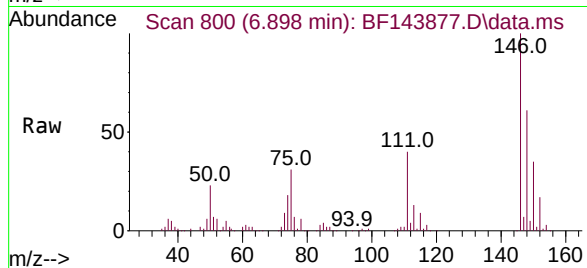
111 40.4 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 10.824 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

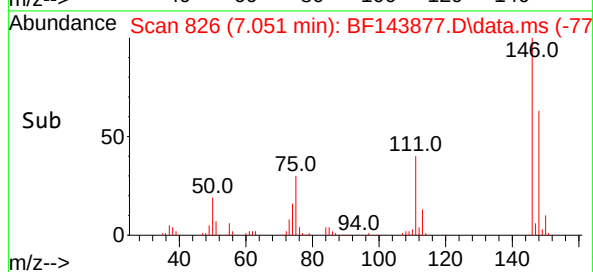
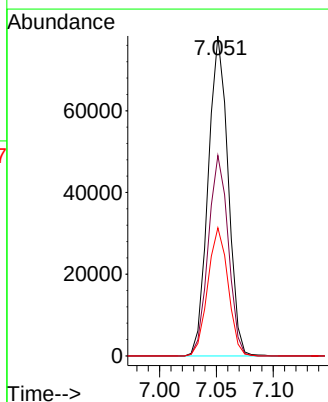
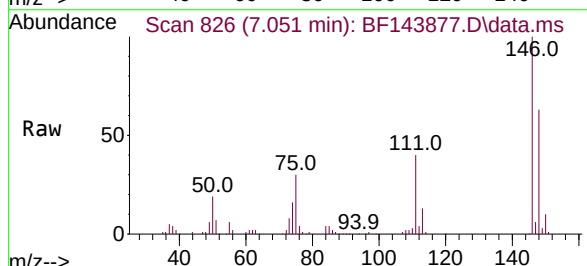
Tgt Ion:146 Resp: 95345

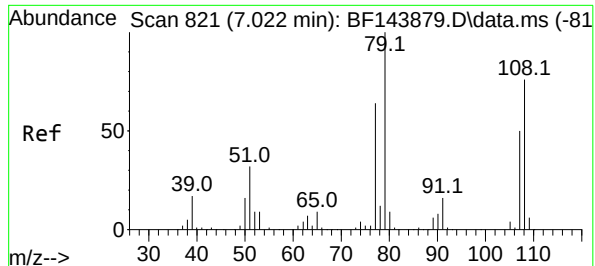
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

111 40.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 9.943 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 70756

Ion Ratio Lower Upper

79 100

108 75.1 60.8 91.2

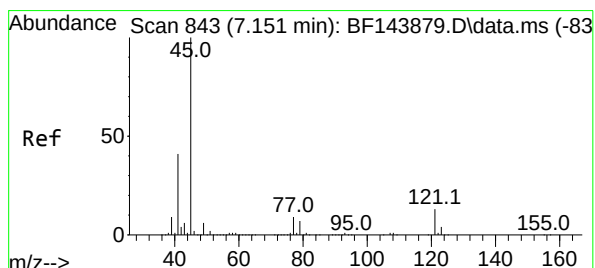
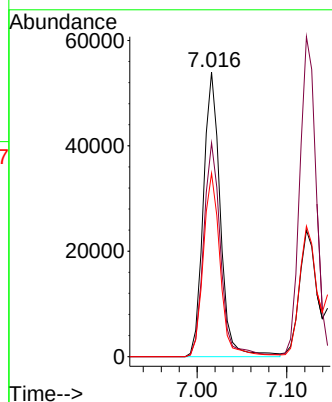
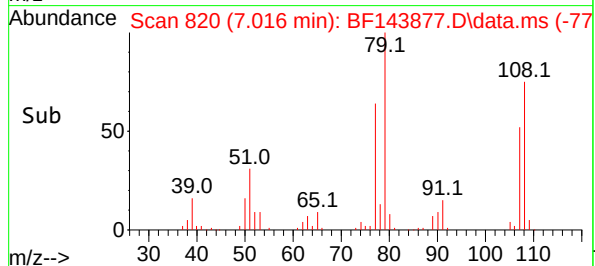
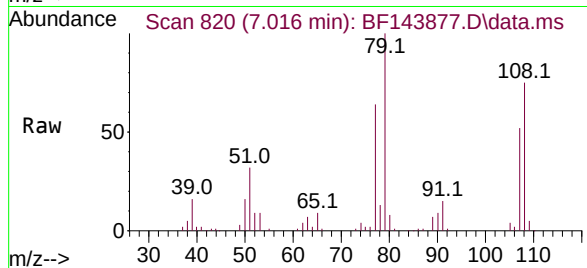
77 64.5 51.0 76.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.728 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

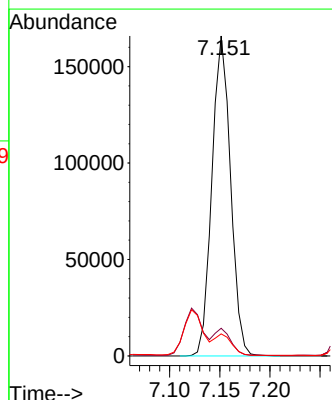
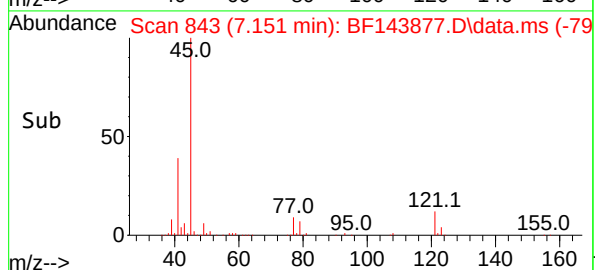
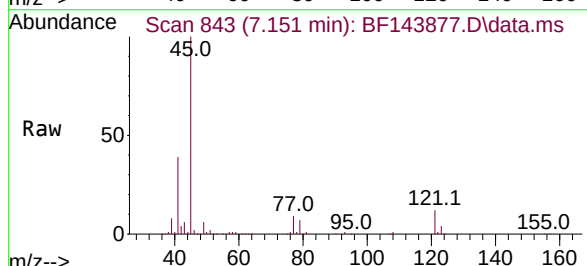
Tgt Ion: 45 Resp: 214183

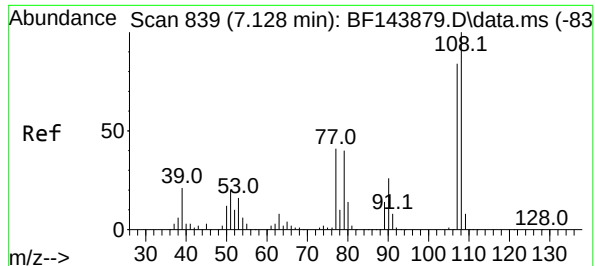
Ion Ratio Lower Upper

45 100

77 8.6 0.0 29.0

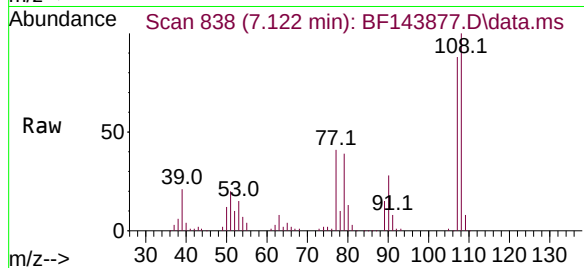
79 6.9 0.0 26.8





#17
2-Methylphenol
Concen: 10.389 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

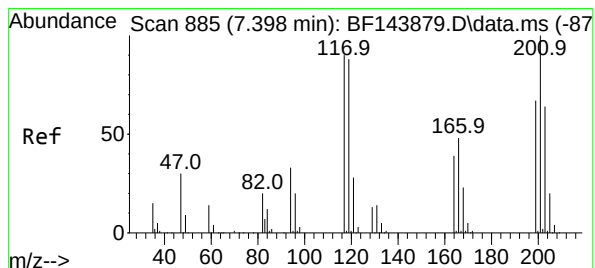
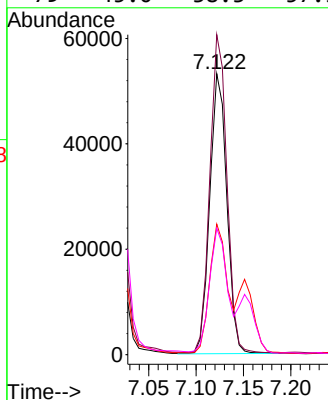
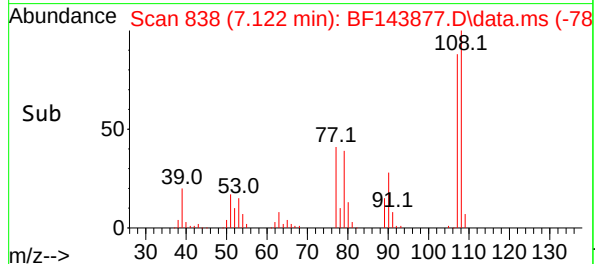
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



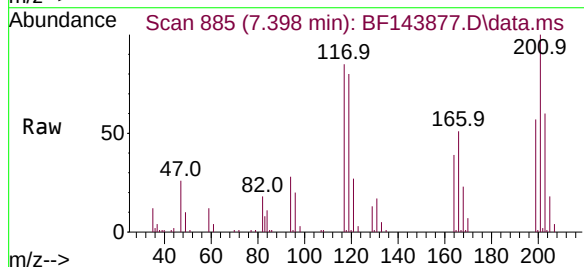
Tgt Ion:107 Resp: 66872
Ion Ratio Lower Upper
107 100
108 113.9 94.7 142.1
77 46.4 38.8 58.2
79 45.0 38.3 57.5

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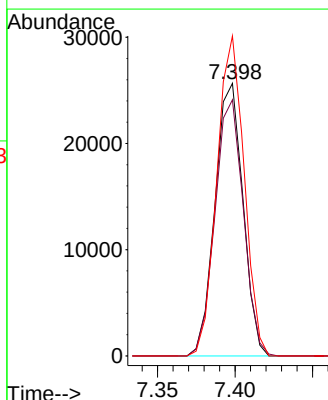
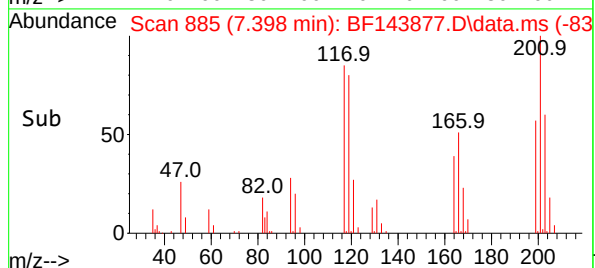
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

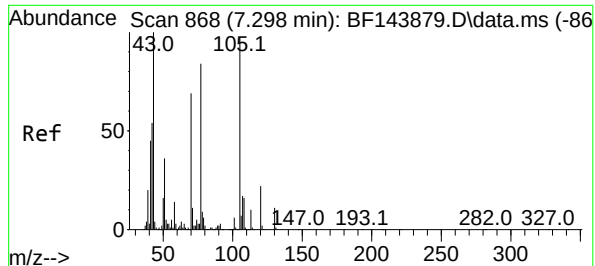


#18
Hexachloroethane
Concen: 10.486 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:117 Resp: 32160
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.8
201 117.4 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 11.034 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 7173

Ion Ratio Lower Upper

70 100

42 72.0 62.8 94.2

101 7.5 6.7 10.1

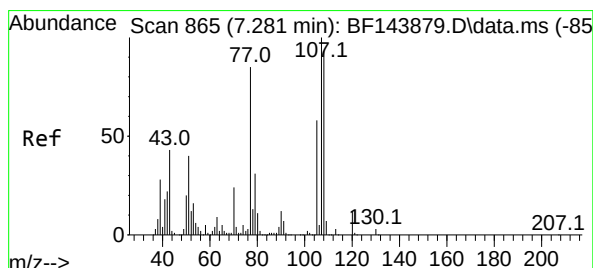
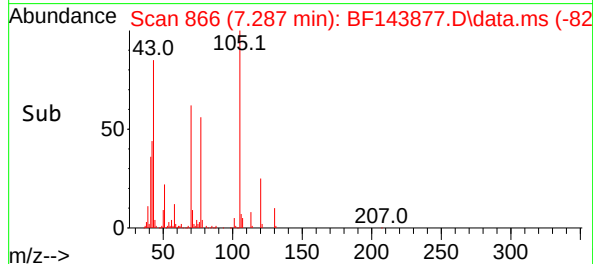
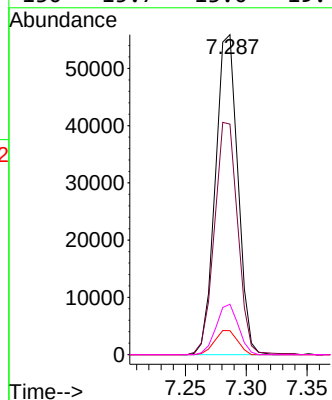
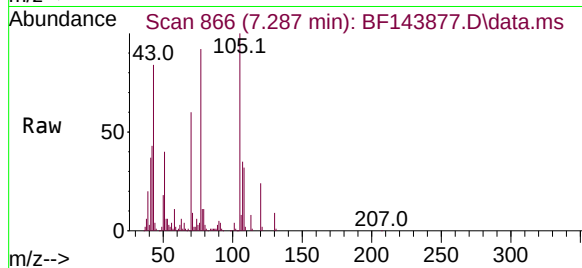
130 15.7 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 11.881 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 88634

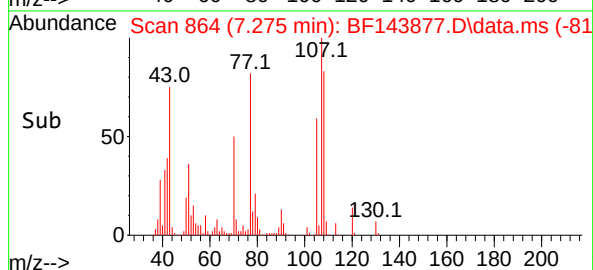
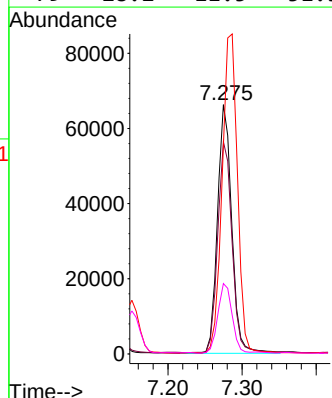
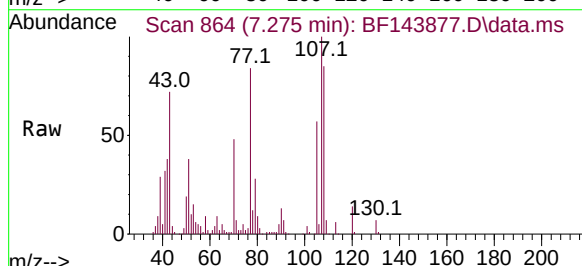
Ion Ratio Lower Upper

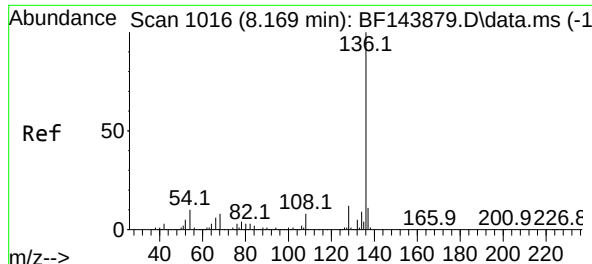
107 100

108 85.2 73.0 113.0

77 83.5 64.6 104.6

79 28.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 493548

Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.0 8.2 12.4

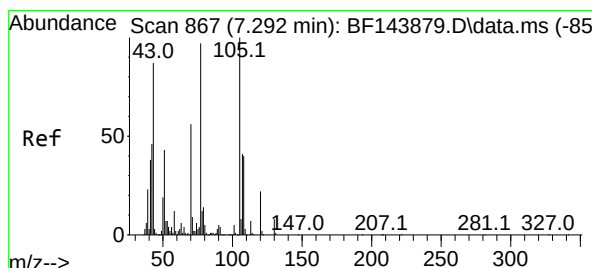
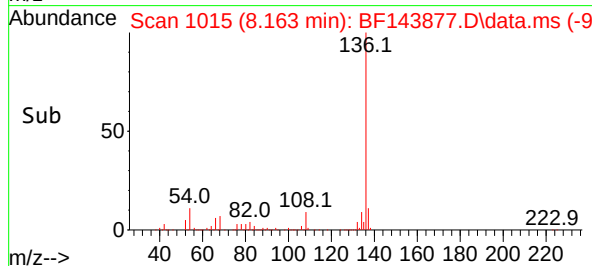
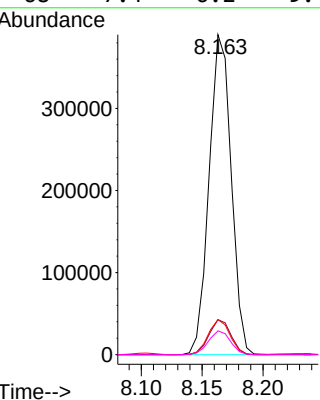
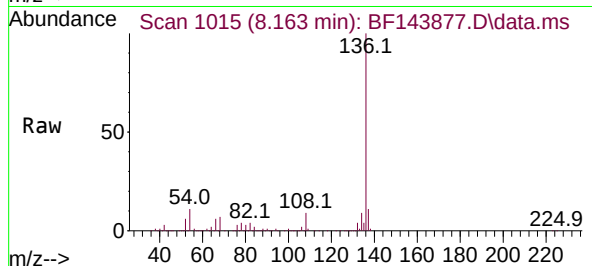
68 7.4 6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 10.900 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:105 Resp: 113751

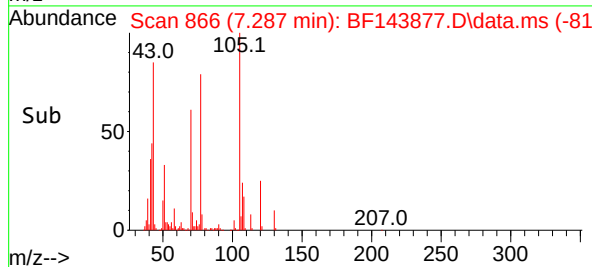
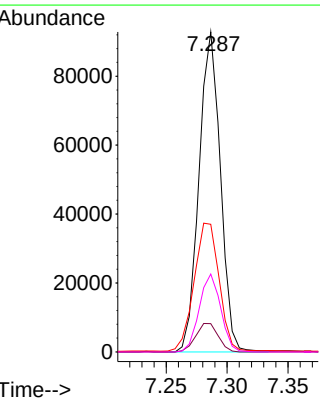
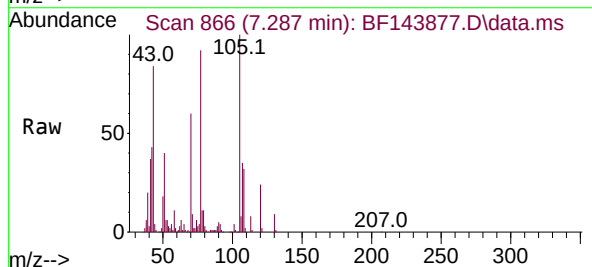
Ion Ratio Lower Upper

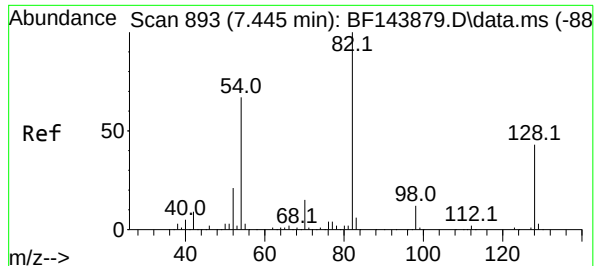
105 100

71 8.8 7.4 11.0

51 39.9 34.2 51.4

120 24.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 20.204 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 16412

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

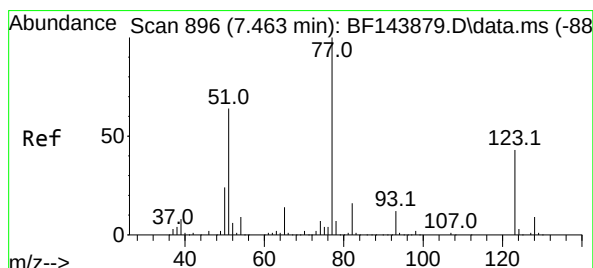
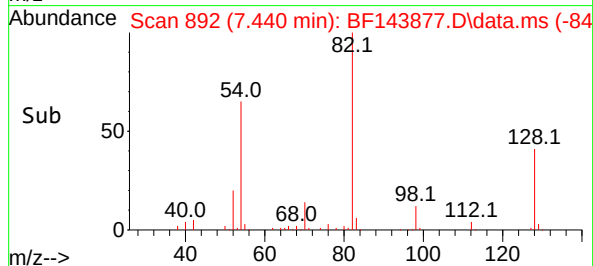
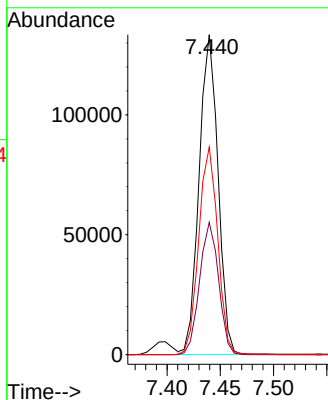
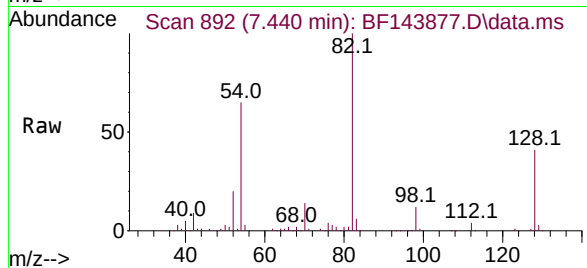
54 64.9 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 9.558 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

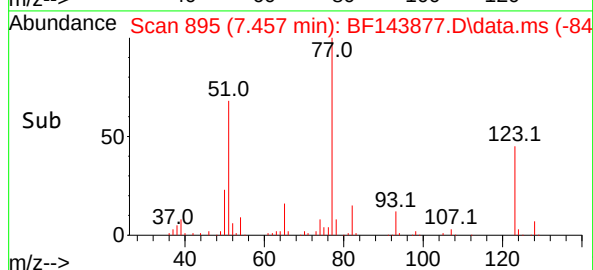
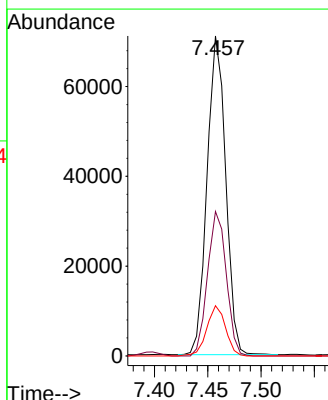
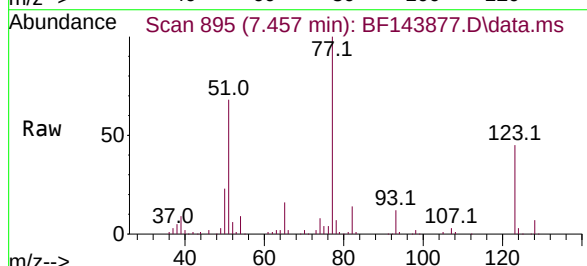
Tgt Ion: 77 Resp: 86228

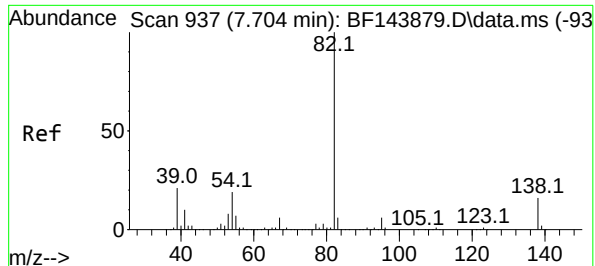
Ion Ratio Lower Upper

77 100

123 45.1 34.2 51.4

65 15.7 11.0 16.6





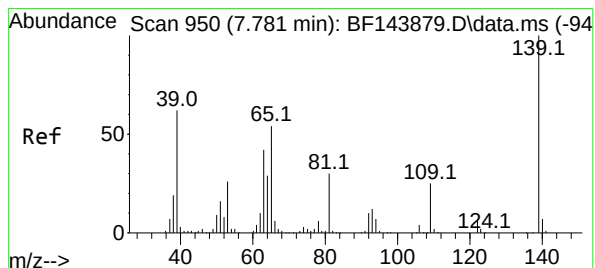
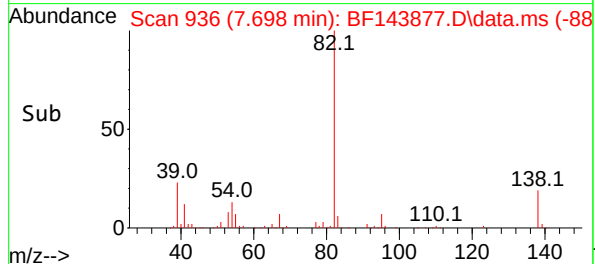
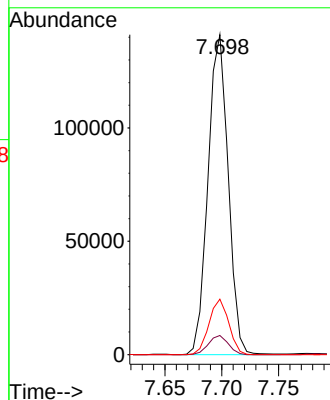
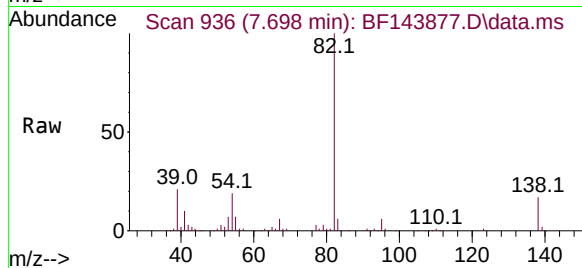
#25
Isophorone
Concen: 10.203 ng
RT: 7.698 min Scan# 936
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
Client Sample Id :
SSTDICC010

Tgt Ion: 82 Resp: 174762
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 17.3 12.9 19.3

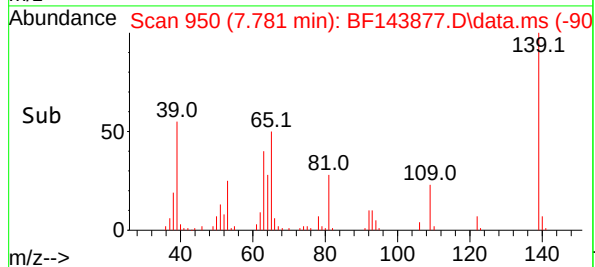
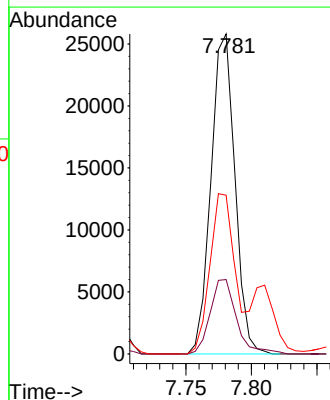
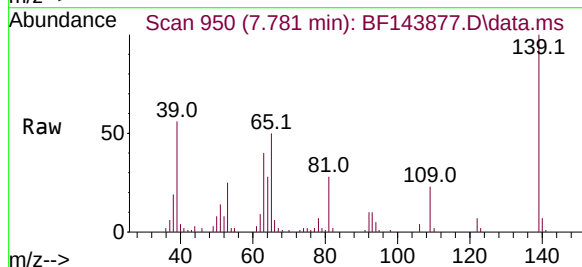
Manual Integrations
APPROVED

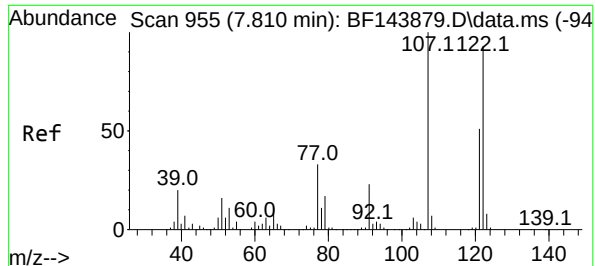
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 8.477 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:139 Resp: 32787
Ion Ratio Lower Upper
139 100
109 23.2 19.8 29.6
65 49.6 42.9 64.3





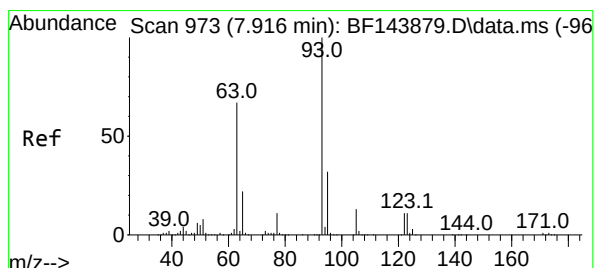
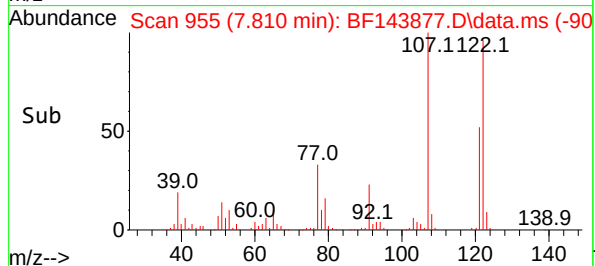
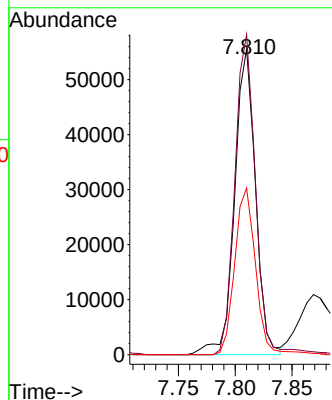
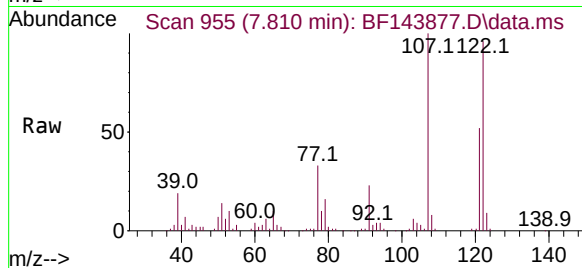
#27
2,4-Dimethylphenol
Concen: 10.199 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 70960
Ion Ratio Lower Upper
122 100
107 104.7 86.1 129.1
121 54.5 43.8 65.6

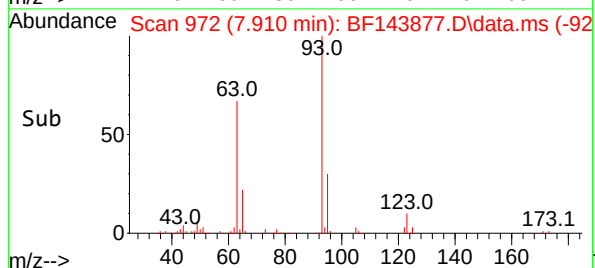
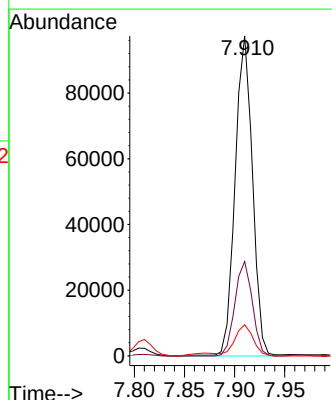
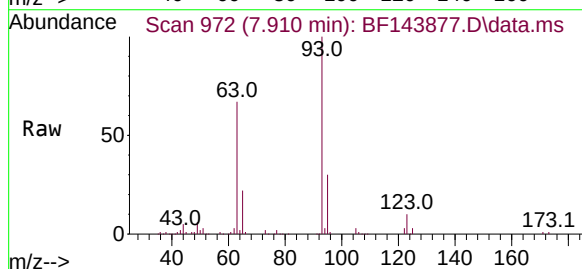
Manual Integrations
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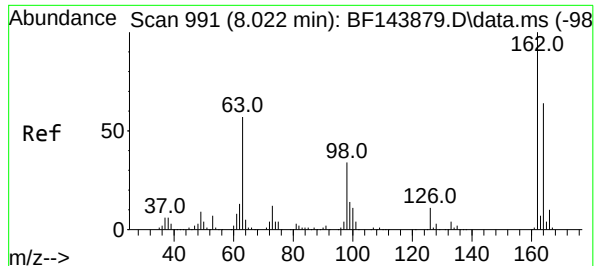
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.804 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 116898
Ion Ratio Lower Upper
93 100
95 29.5 25.9 38.9
123 9.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.954 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 7214

Ion Ratio Lower Upper

162 100

164 63.1 43.9 83.9

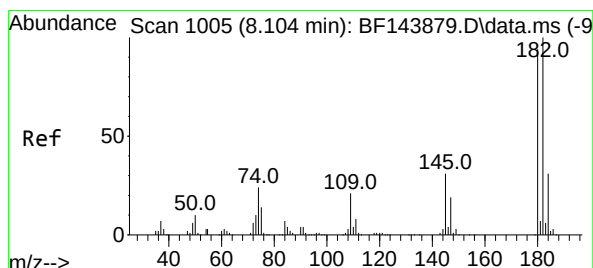
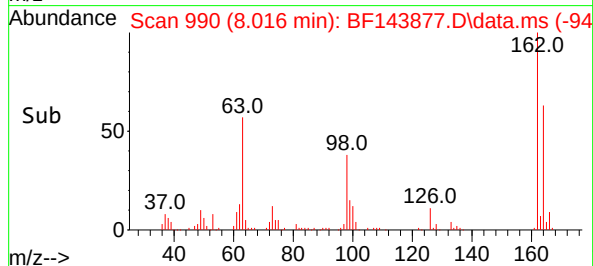
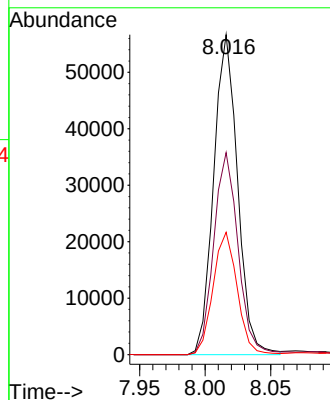
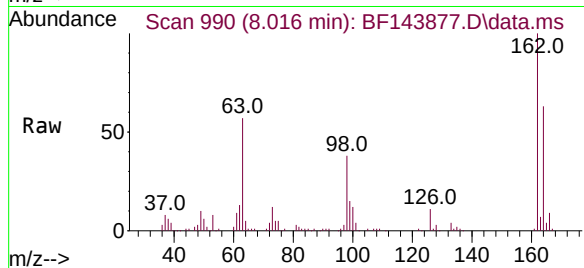
98 38.2 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.336 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

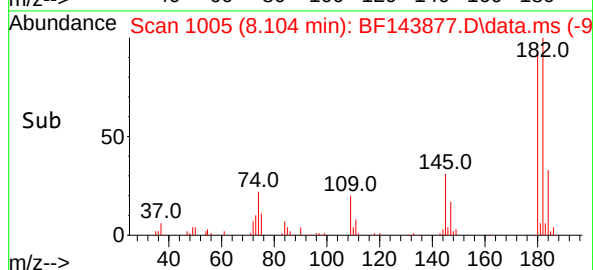
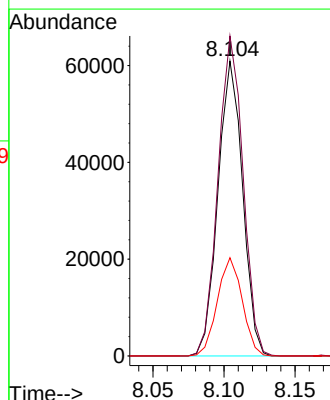
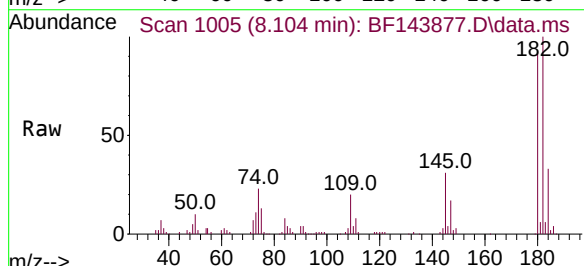
Tgt Ion:180 Resp: 73668

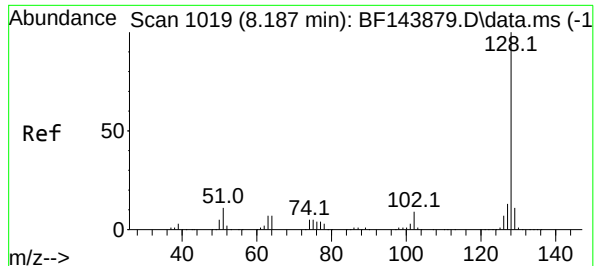
Ion Ratio Lower Upper

180 100

182 108.6 85.4 128.0

145 33.3 26.3 39.5





#31

Naphthalene

Concen: 10.951 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

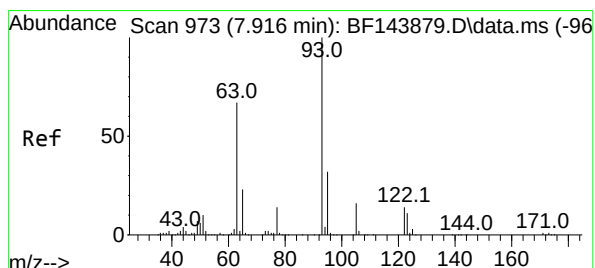
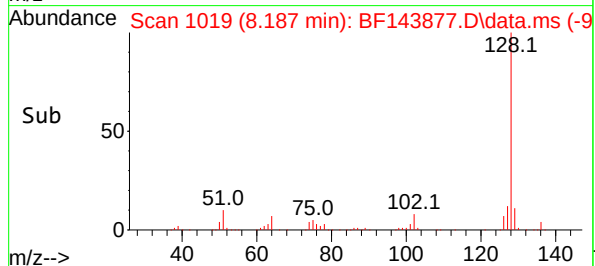
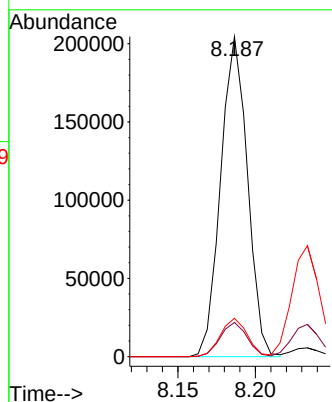
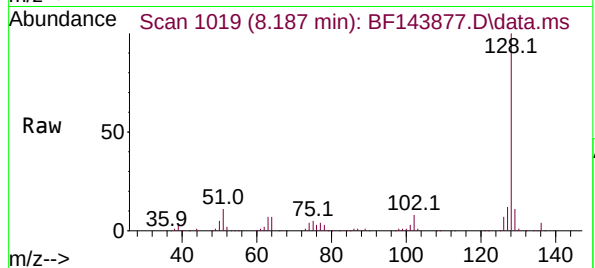
SSTDICC010

Tgt Ion:128 Resp: 245852
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.0 10.0 15.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 6.721 ng m

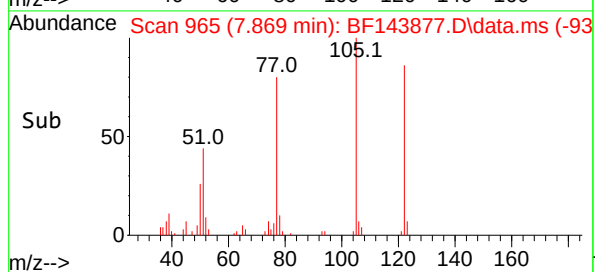
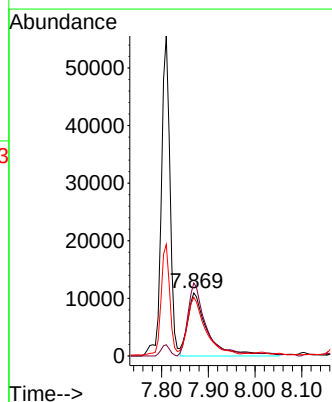
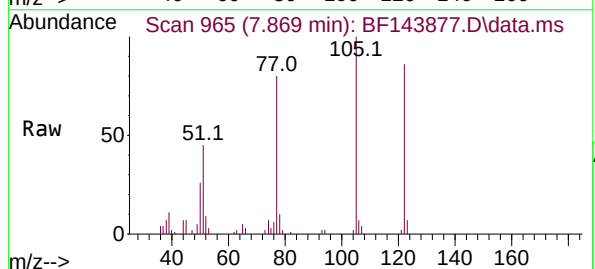
RT: 7.869 min Scan# 965

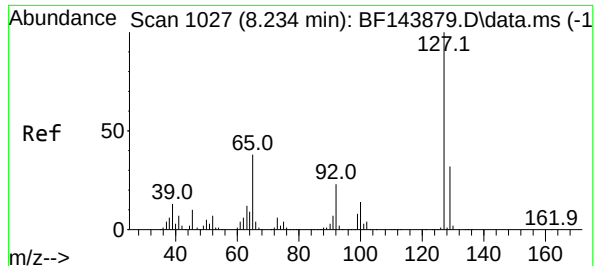
Delta R.T. -0.094 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:122 Resp: 32361
Ion Ratio Lower Upper
122 100
105 115.7 93.5 133.5
77 92.9 76.3 116.3





#33

4-Chloroaniline

Concen: 10.842 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

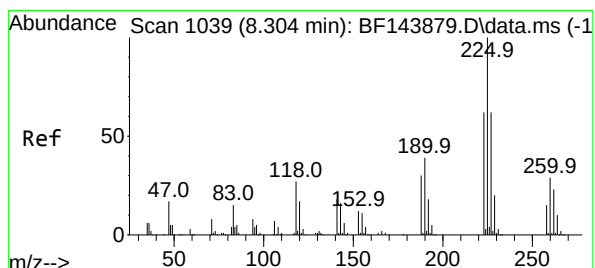
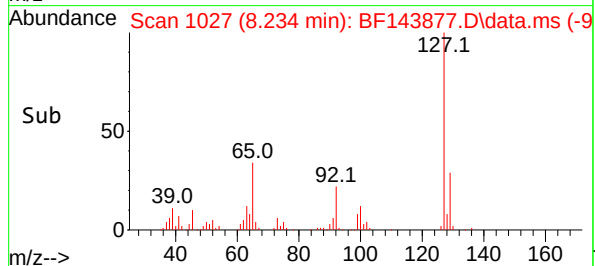
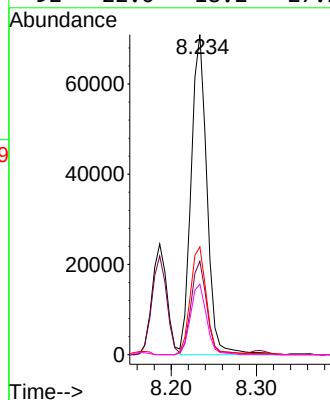
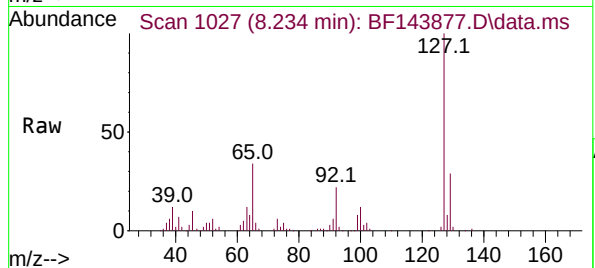
Tgt Ion:	127	Resp:	91294
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.8
65	33.7	30.0	45.0
92	22.0	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 10.665 ng

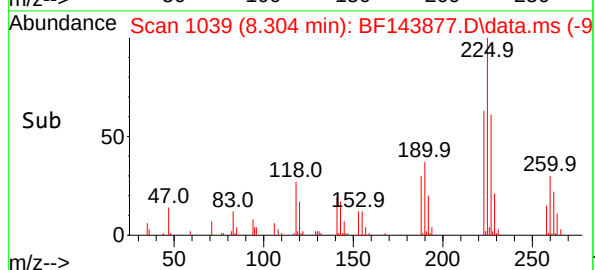
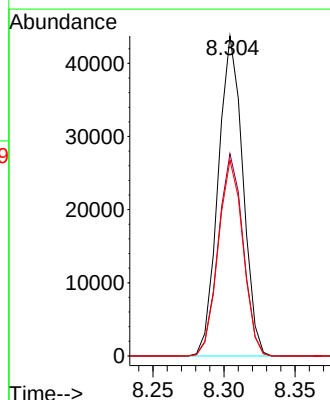
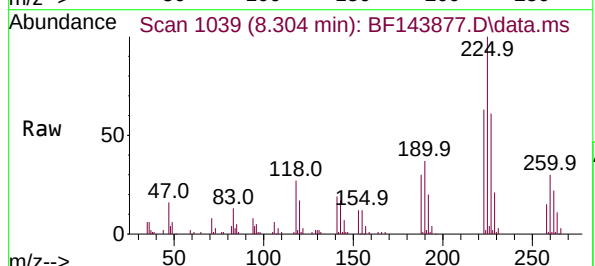
RT: 8.304 min Scan# 1039

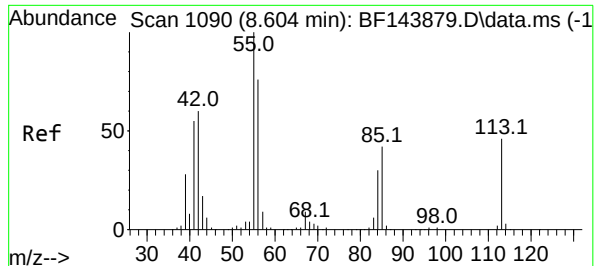
Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:	225	Resp:	52824
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	61.1	49.7	74.5





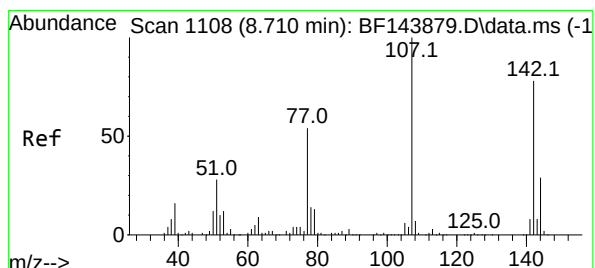
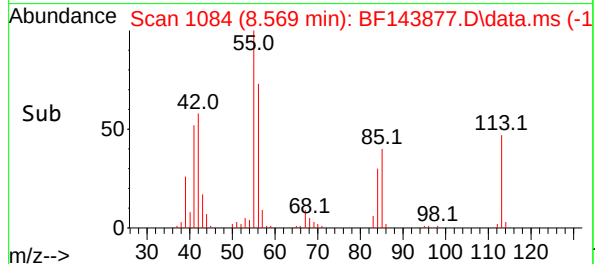
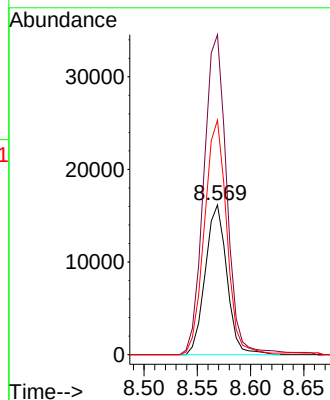
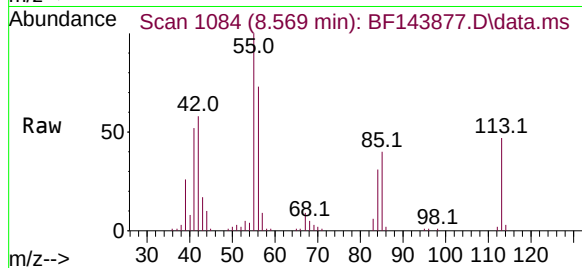
#35
Caprolactam
Concen: 9.900 ng
RT: 8.569 min Scan# 1084
Delta R.T. -0.076 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 22813
Ion Ratio Lower Upper
113 100
55 213.8 199.6 239.6
56 156.7 146.0 186.0

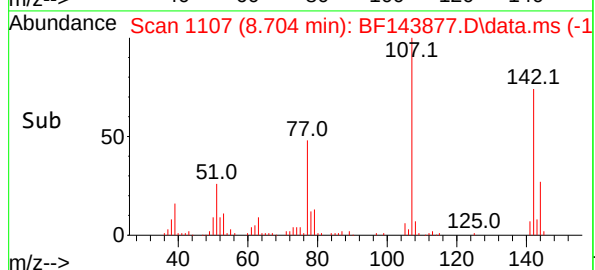
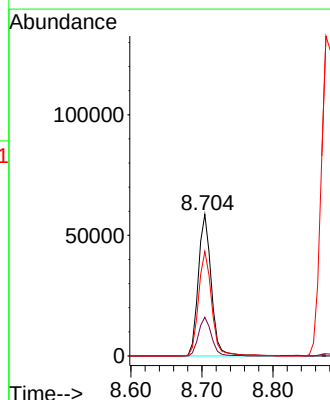
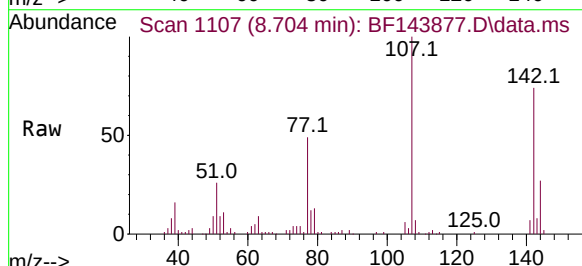
Manual Integrations
APPROVED

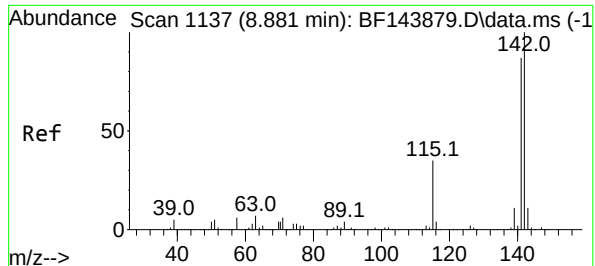
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 10.708 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 74546
Ion Ratio Lower Upper
107 100
144 27.3 23.1 34.7
142 74.0 62.6 94.0





#37

2-Methylnaphthalene

Concen: 11.272 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:142 Resp: 16858

Ion Ratio Lower Upper

142 100

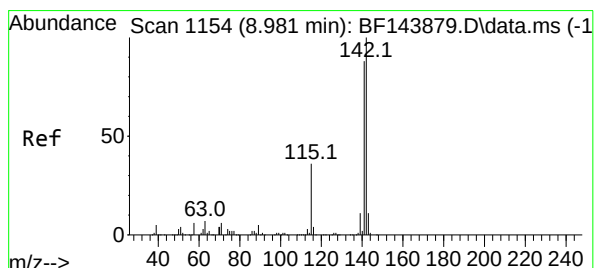
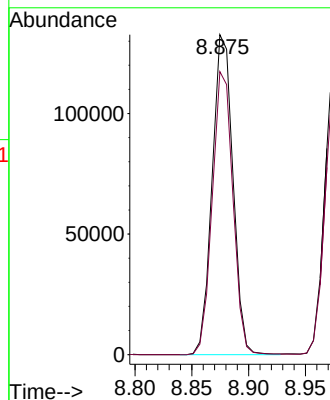
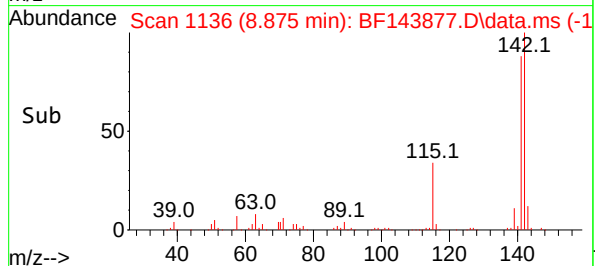
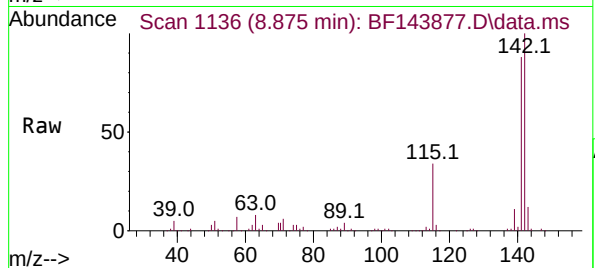
141 88.4 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 11.160 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143877.D

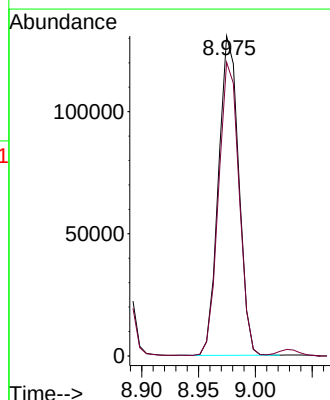
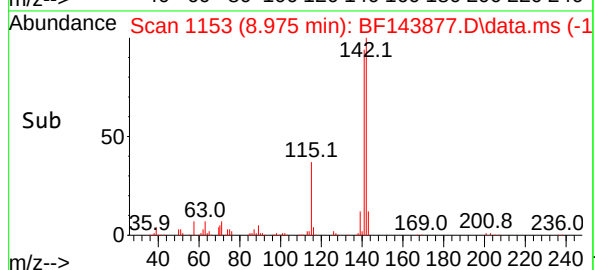
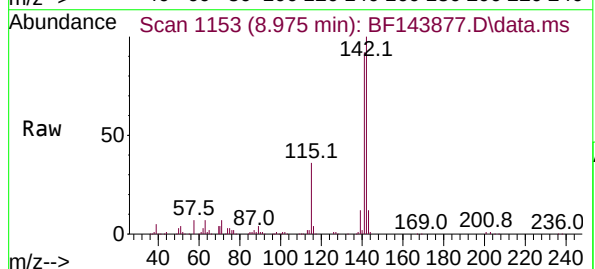
Acq: 06 Oct 2025 10:57

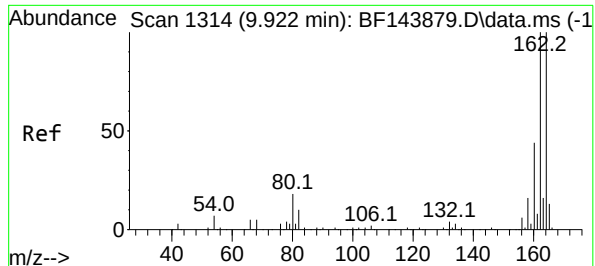
Tgt Ion:142 Resp: 161895

Ion Ratio Lower Upper

142 100

141 91.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143877.D

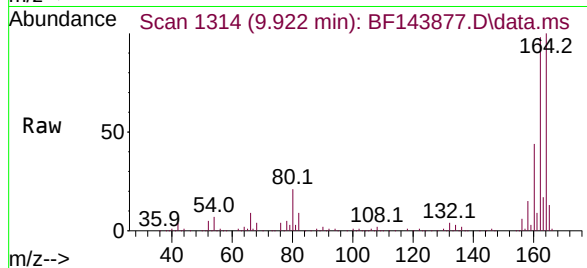
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 28382

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

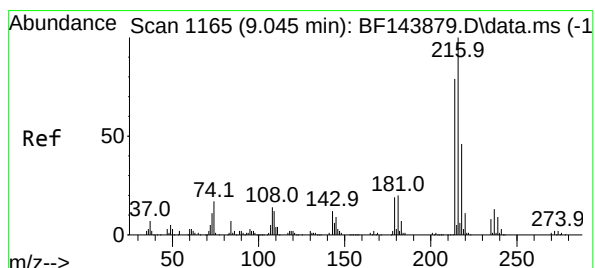
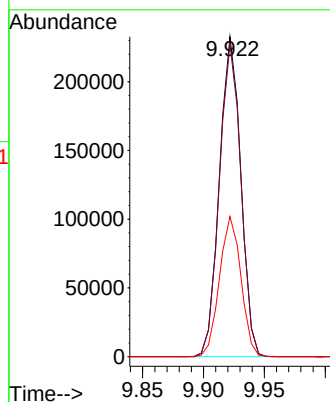
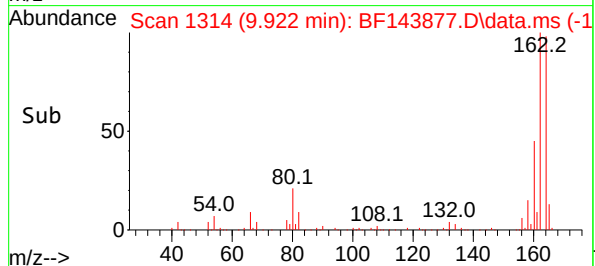
160 43.8 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

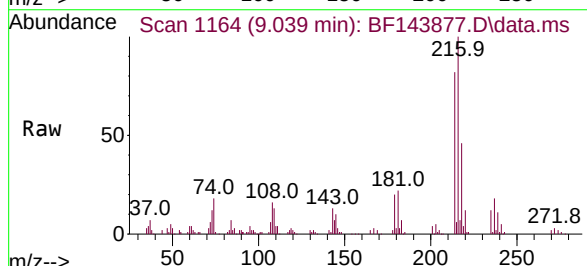
Concen: 10.705 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:216 Resp: 83972

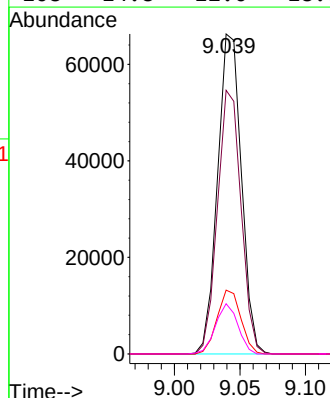
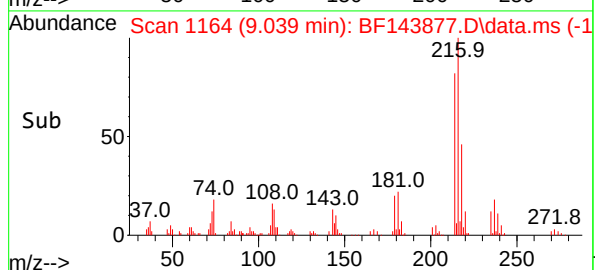
Ion Ratio Lower Upper

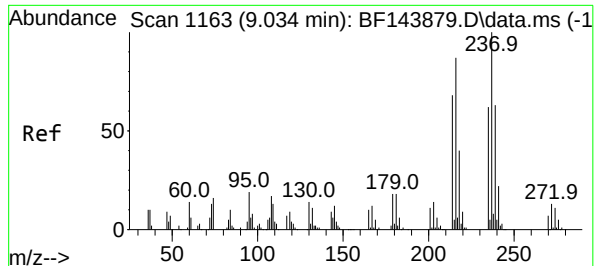
216 100

214 81.4 62.6 94.0

179 19.8 15.4 23.0

108 14.8 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 7.932 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

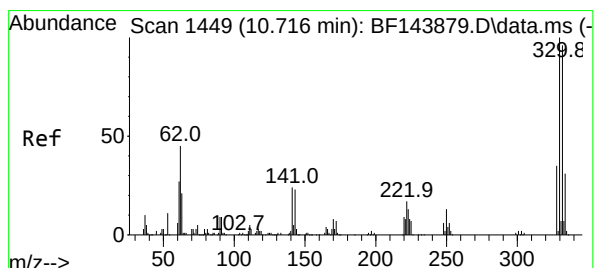
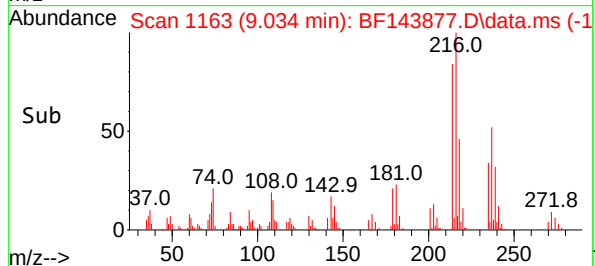
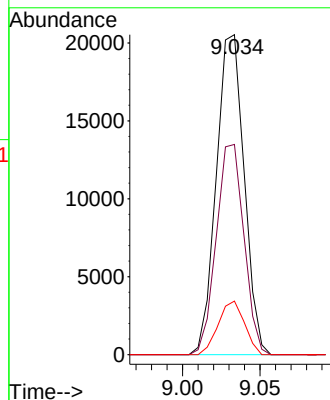
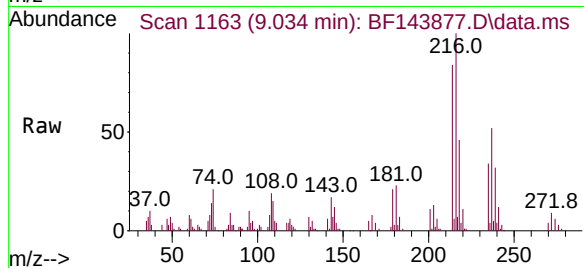
Tgt Ion:	237	Resp:	2581
Ion Ratio	Lower	Upper	
237	100		
235	65.7	42.3	82.3
272	16.7	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#42

2,4,6-Tribromophenol

Concen: 19.262 ng

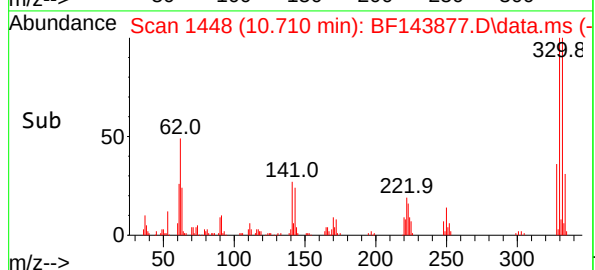
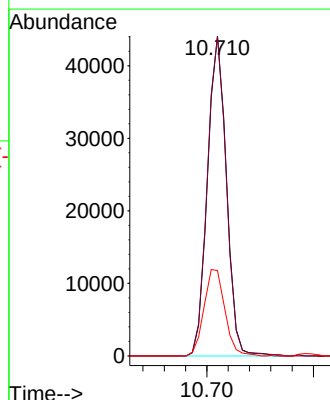
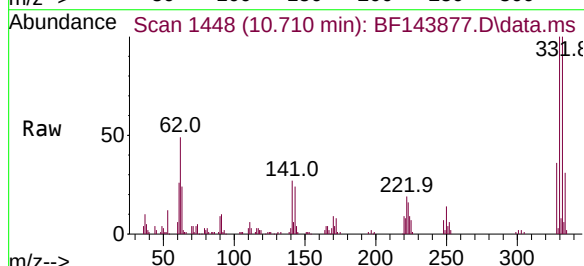
RT: 10.710 min Scan# 1448

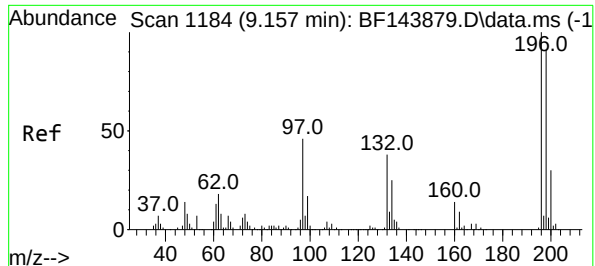
Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:	330	Resp:	54453
Ion Ratio	Lower	Upper	
330	100		
332	100.2	76.9	115.3
141	29.7	20.2	30.4





#43

2,4,6-Trichlorophenol

Concen: 9.758 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

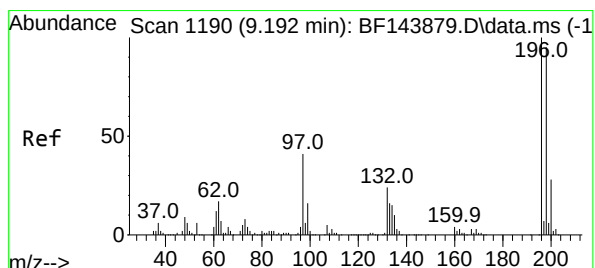
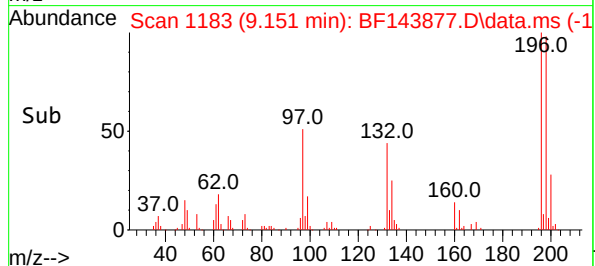
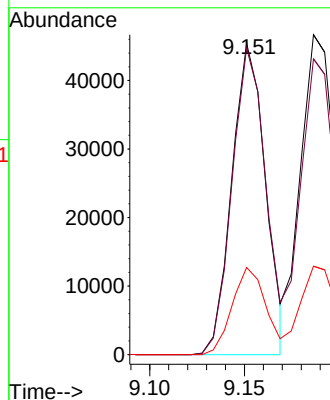
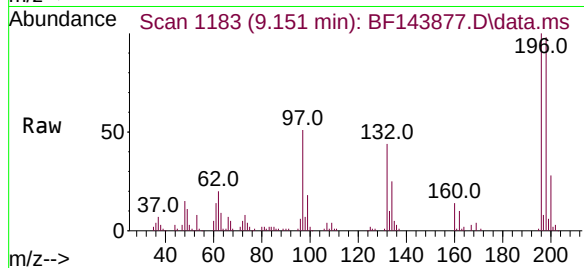
Tgt Ion:	196	Resp:	55929
Ion Ratio	Lower	Upper	
196	100		
198	98.4	72.8	109.2
200	28.0	24.0	36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

Concen: 10.407 ng

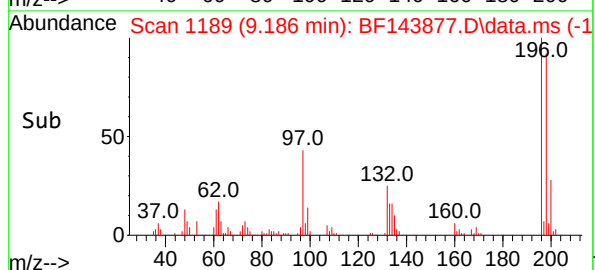
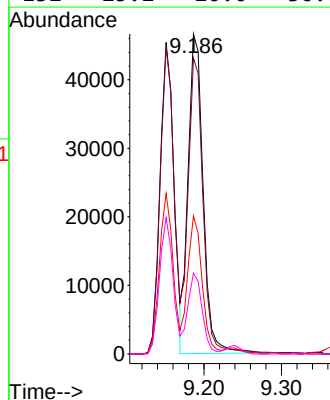
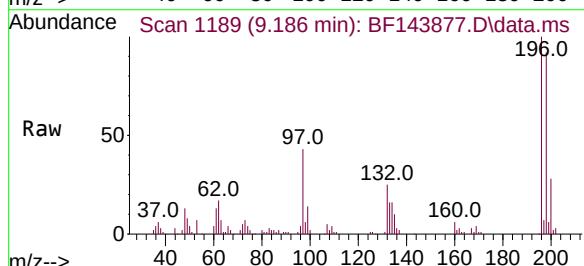
RT: 9.186 min Scan# 1189

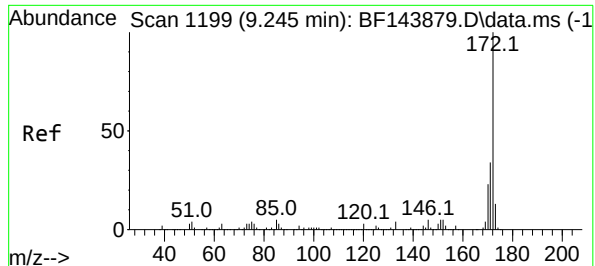
Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:	196	Resp:	63036
Ion Ratio	Lower	Upper	
196	100		
198	92.4	75.5	113.3
97	43.1	33.9	50.9
132	25.2	20.0	30.0





#45

2-Fluorobiphenyl

Concen: 22.595 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 404164

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

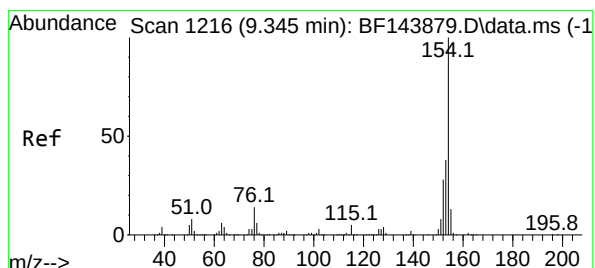
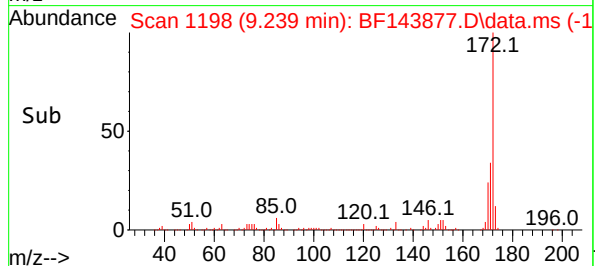
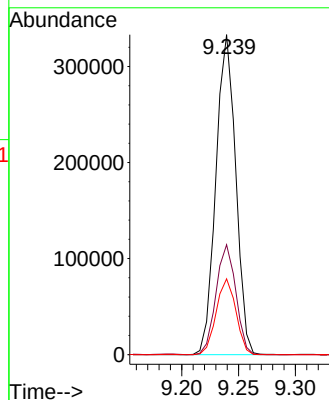
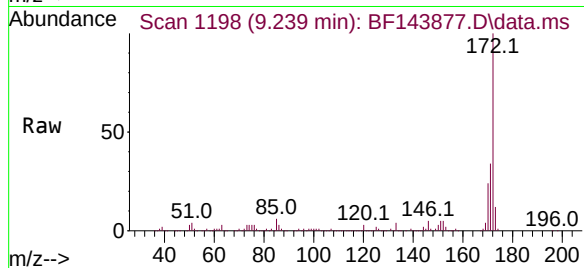
170 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 11.150 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

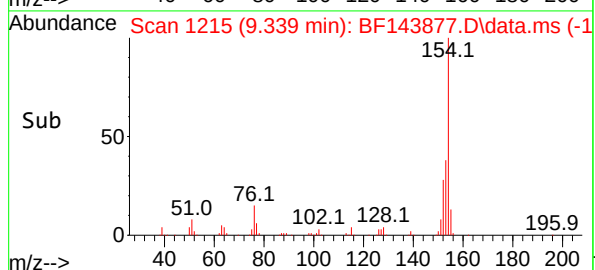
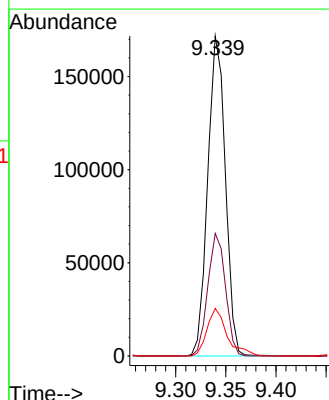
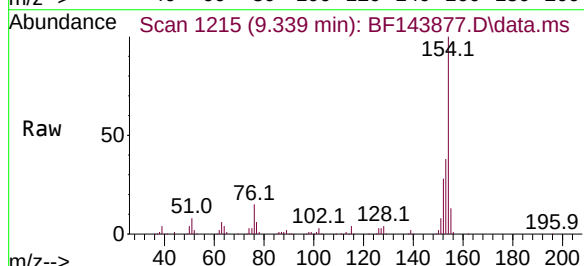
Tgt Ion:154 Resp: 209528

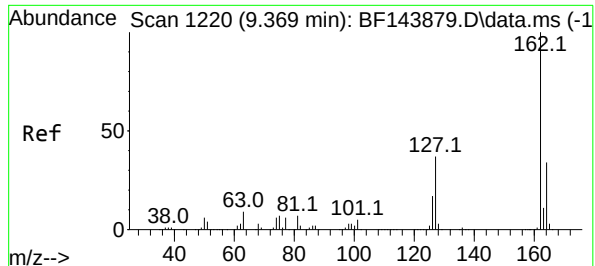
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 10.829 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF143877.D

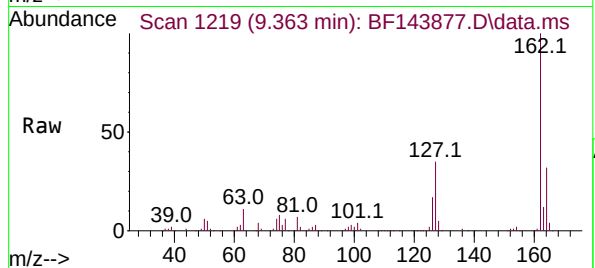
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



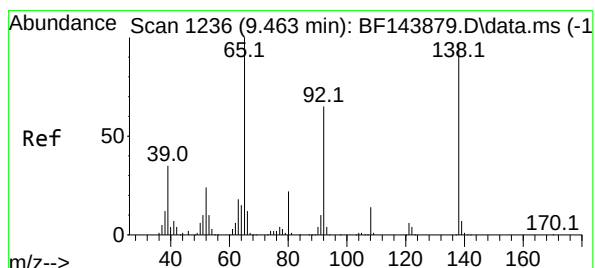
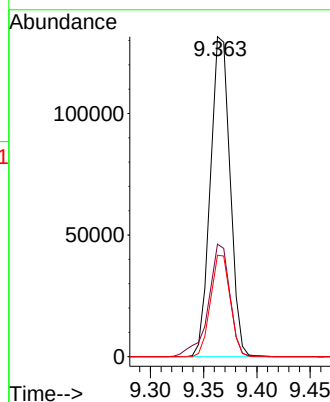
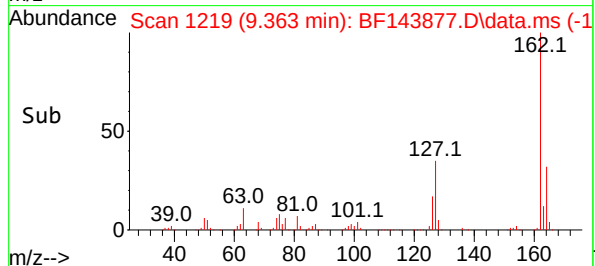
Tgt Ion:	162	Resp:	169672
Ion Ratio	Lower	Upper	
162	100		
127	35.1	30.2	45.2
164	31.7	26.9	40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

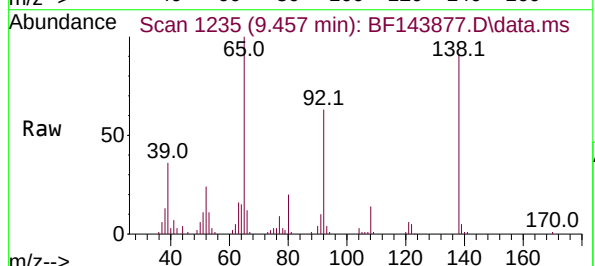
Concen: 9.219 ng

RT: 9.457 min Scan# 1235

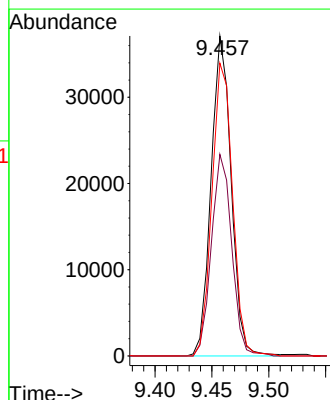
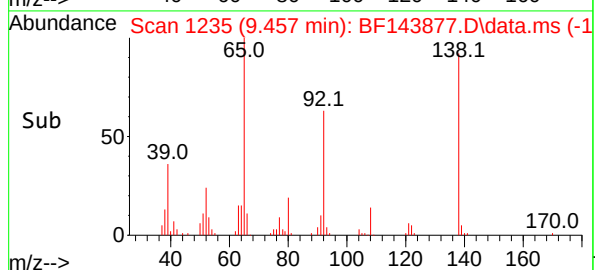
Delta R.T. -0.012 min

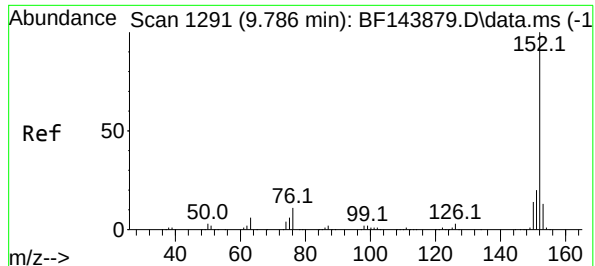
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:	65	Resp:	45663
Ion Ratio	Lower	Upper	
65	100		
92	63.0	52.1	78.1
138	91.5	77.4	116.2





#49

Acenaphthylene

Concen: 10.962 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

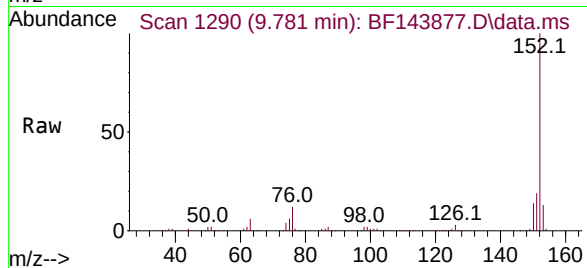
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



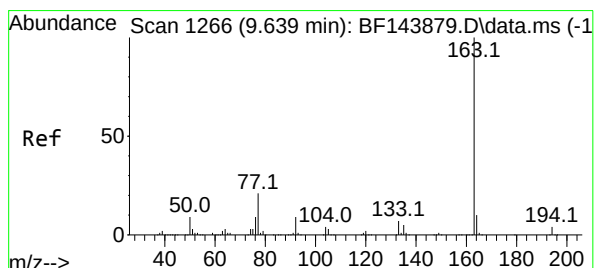
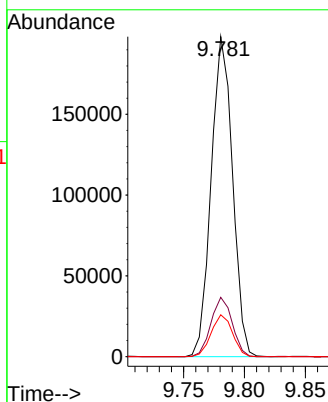
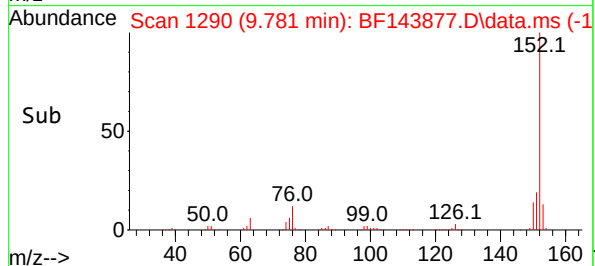
Tgt Ion:	152	Resp:	241454
Ion Ratio	Lower	Upper	
152	100		
151	18.5	15.8	23.6
153	13.1	10.5	15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

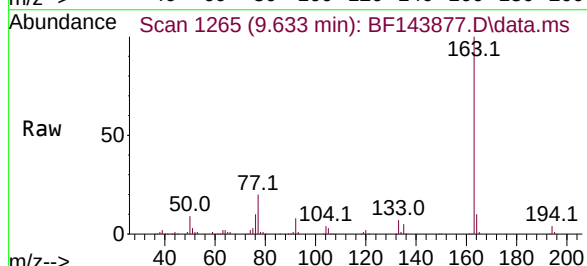
Concen: 10.638 ng

RT: 9.633 min Scan# 1265

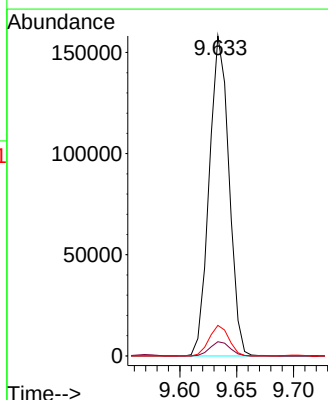
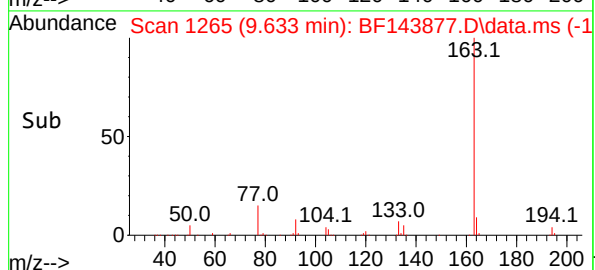
Delta R.T. -0.012 min

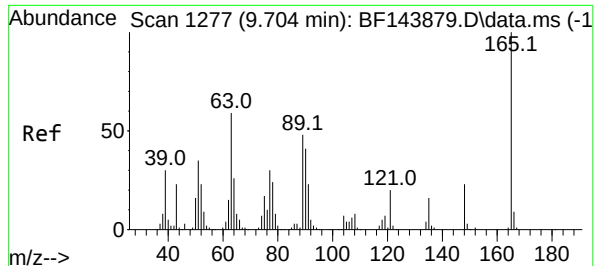
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



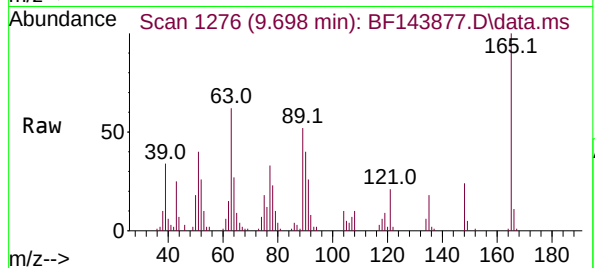
Tgt Ion:	163	Resp:	191729
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	9.5	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

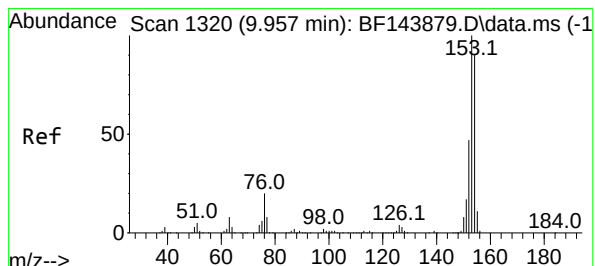
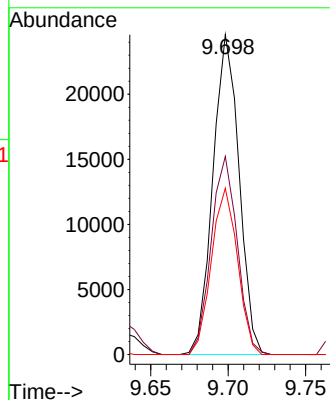
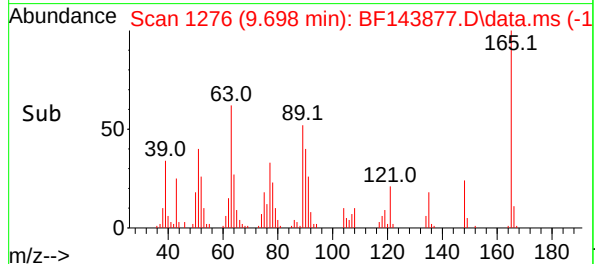
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 28928
Ion Ratio Lower Upper
165 100
63 61.9 47.3 70.9
89 52.0 38.2 57.4

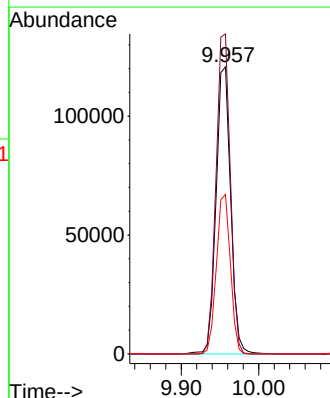
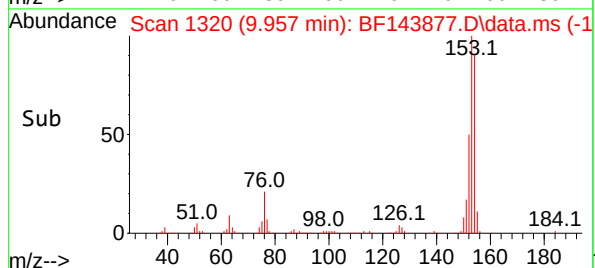
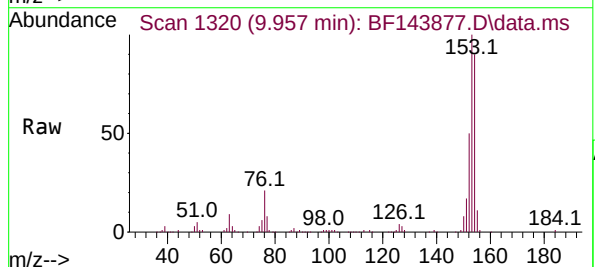
Manual Integrations
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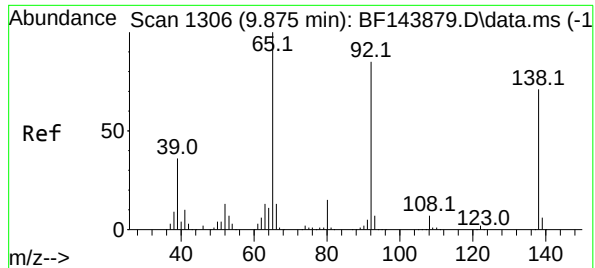
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 10.962 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

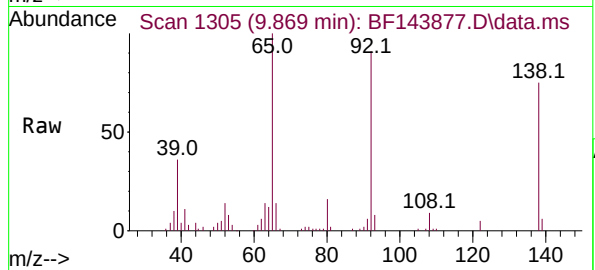
Tgt Ion:154 Resp: 158214
Ion Ratio Lower Upper
154 100
153 111.5 89.3 133.9
152 55.6 42.2 63.2





#53
3-Nitroaniline
Concen: 9.380 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

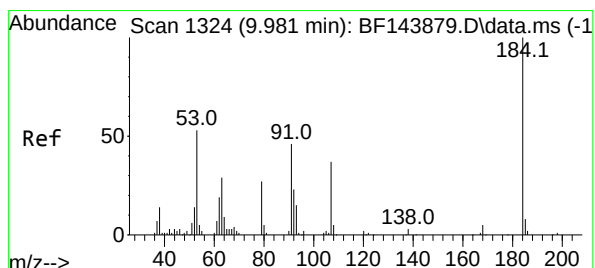
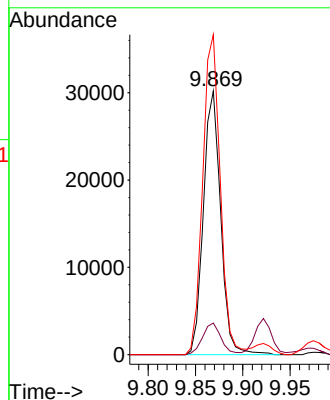
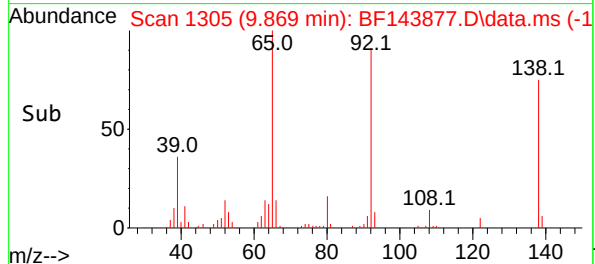
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 38386
Ion Ratio Lower Upper
138 100
108 12.0 8.3 12.5
92 121.4 96.2 144.2

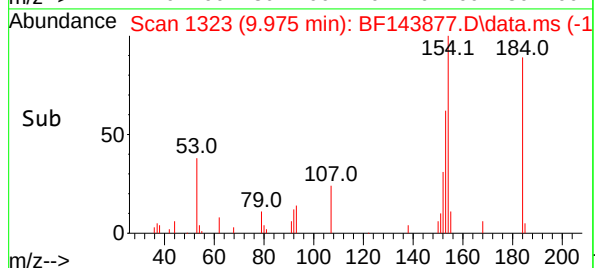
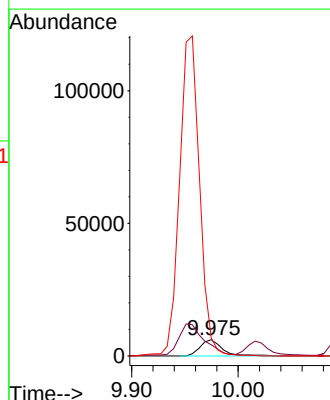
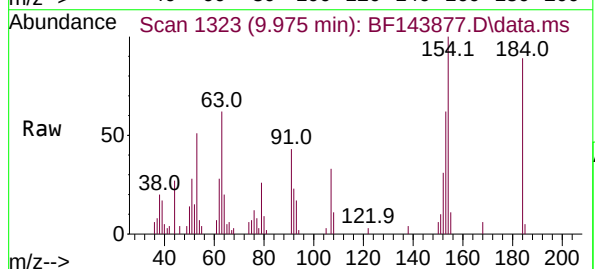
Manual Integrations
APPROVED

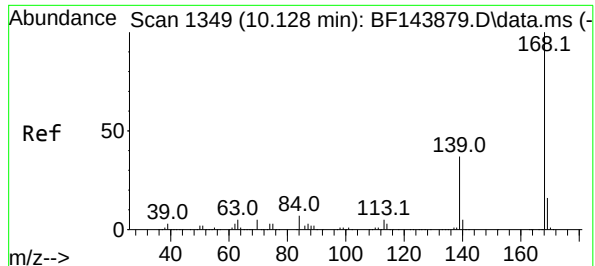
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 10.761 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:184 Resp: 8624
Ion Ratio Lower Upper
184 100
63 69.4 48.2 72.4
154 112.7 49.2 73.8#





#55

Dibenzofuran

Concen: 11.199 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143877.D

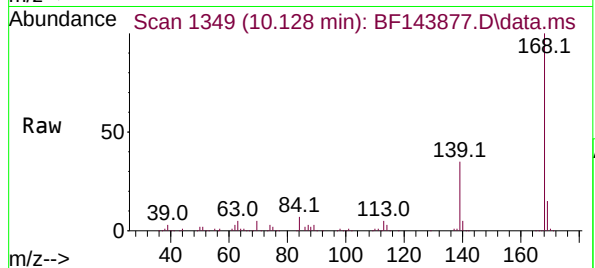
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:168 Resp: 228160

Ion Ratio Lower Upper

168 100

139 35.0 29.8 44.8

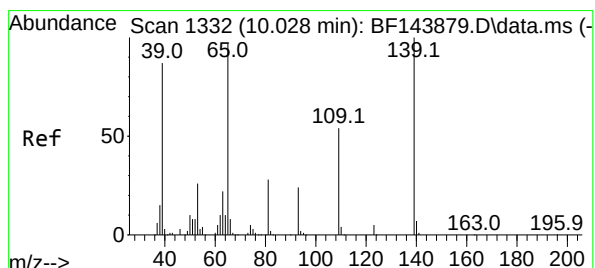
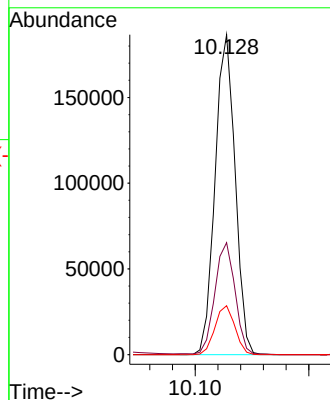
169 15.3 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

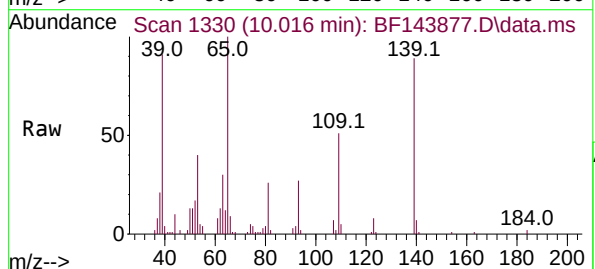
Concen: 7.934 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



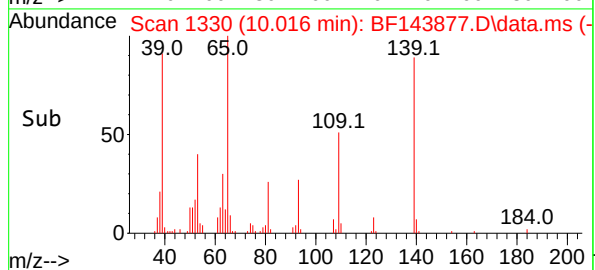
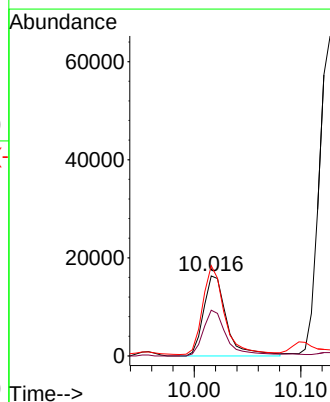
Tgt Ion:139 Resp: 24585

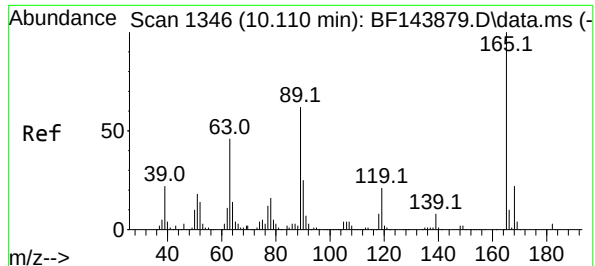
Ion Ratio Lower Upper

139 100

109 57.1 34.5 74.5

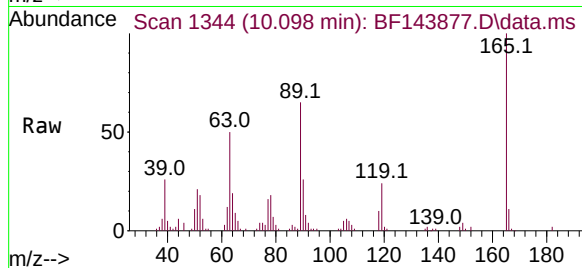
65 112.8 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 10.098 min Scan# 1346
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

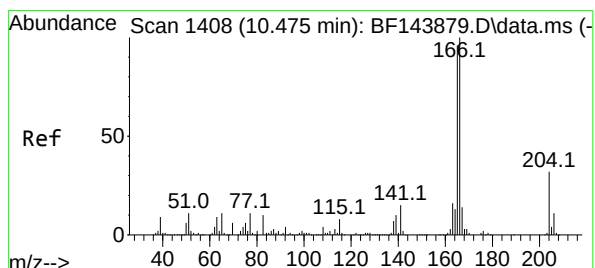
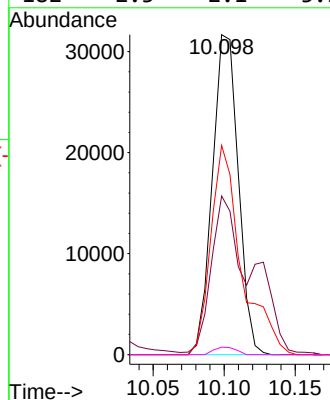
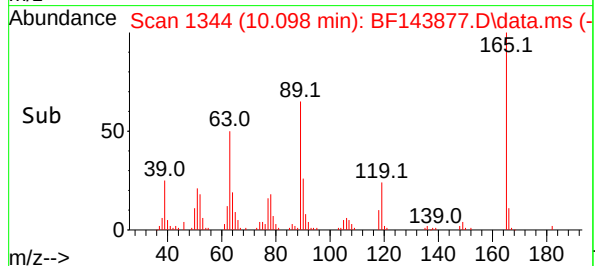
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 40299
Ion Ratio Lower Upper
165 100
63 49.6 37.2 55.8
89 65.4 49.4 74.2
182 2.3 2.1 3.1

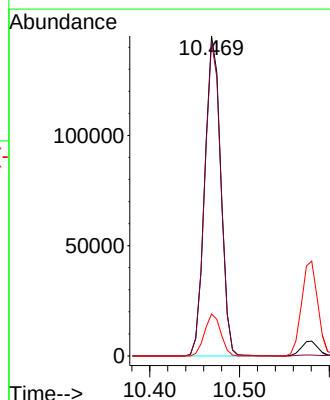
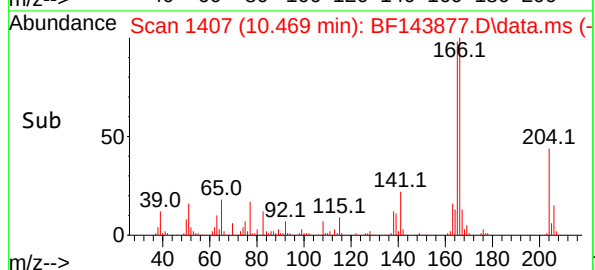
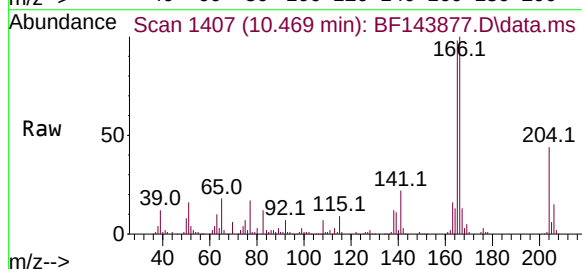
Manual Integrations
APPROVED

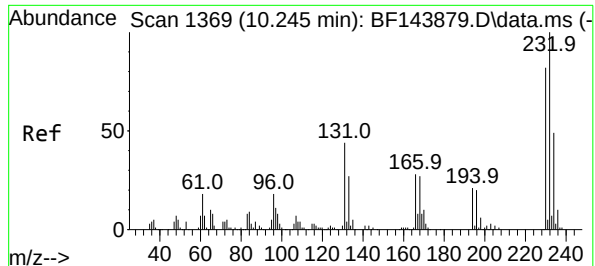
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 11.683 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

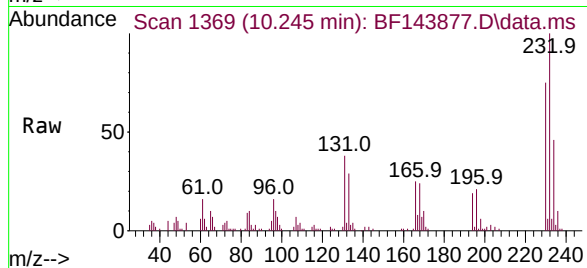
Tgt Ion:166 Resp: 179607
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.041 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

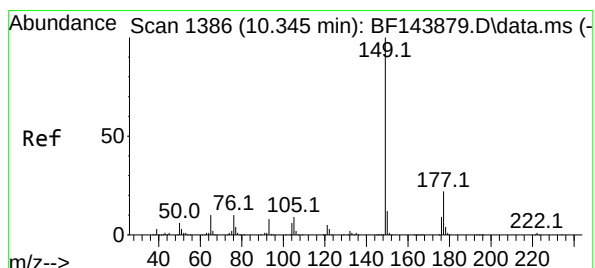
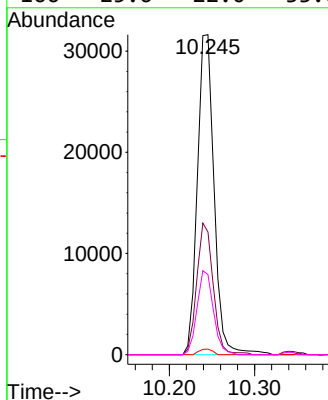
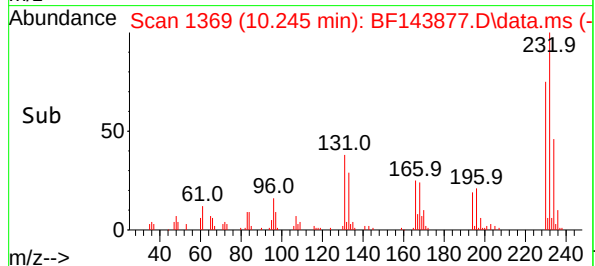
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



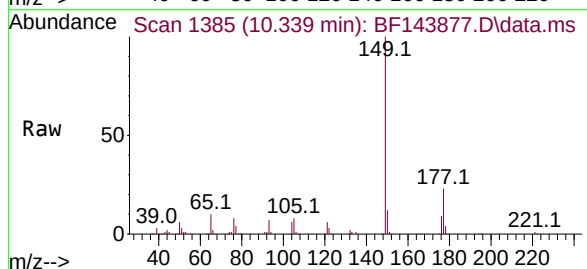
Tgt Ion:232 Resp: 43052
Ion Ratio Lower Upper
232 100
131 40.3 34.9 52.3
130 1.4 1.6 2.4
166 25.6 22.0 33.0

Manual Integrations
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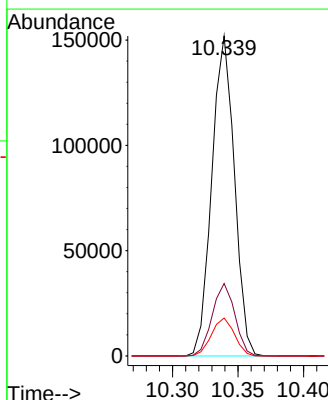
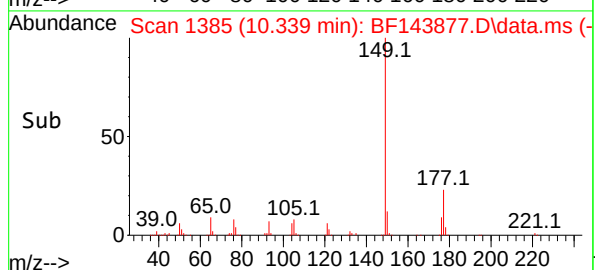
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

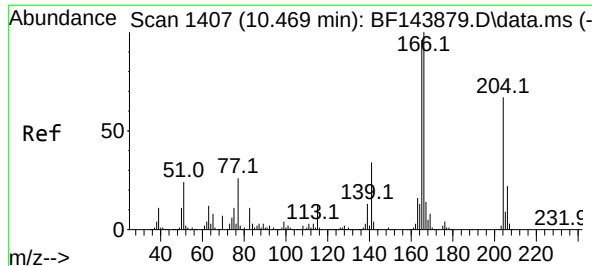


#60
Diethylphthalate
Concen: 10.860 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:149 Resp: 181846
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 11.8 9.8 14.8





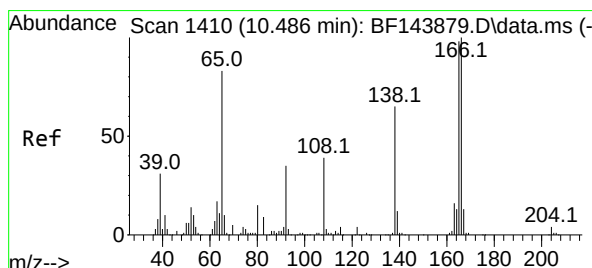
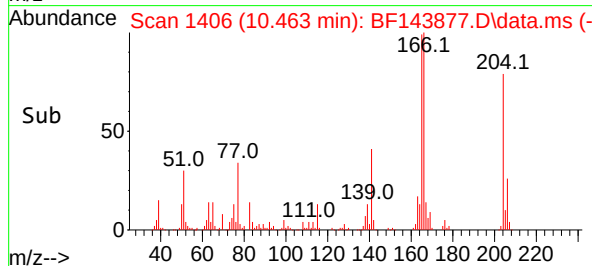
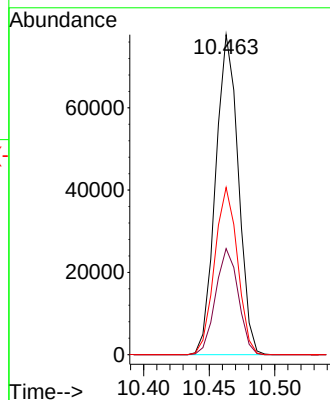
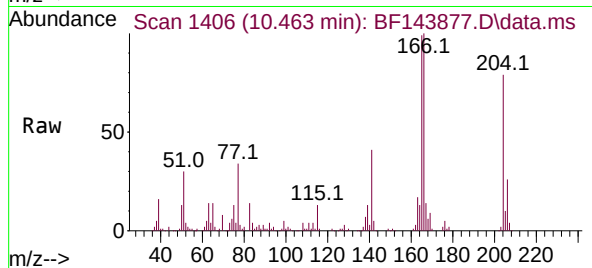
#61
4-Chlorophenyl-phenylether
Concen: 11.565 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 94000
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 52.2 40.4 60.6

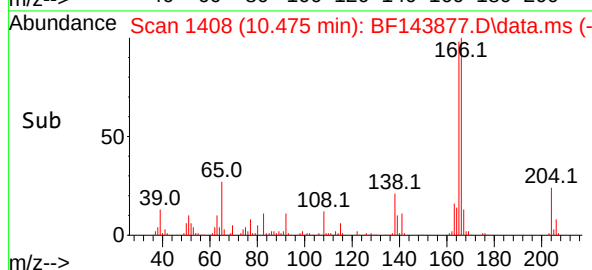
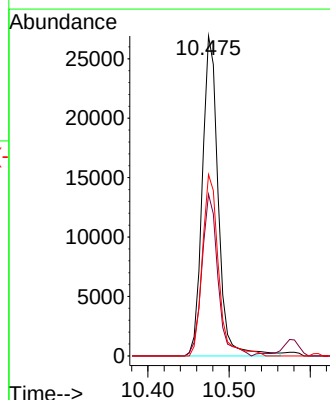
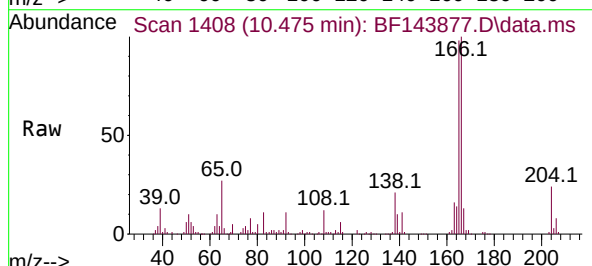
Manual Integrations
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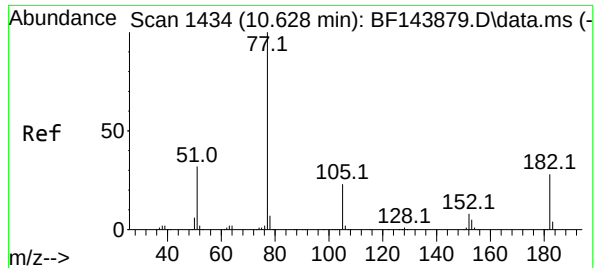
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

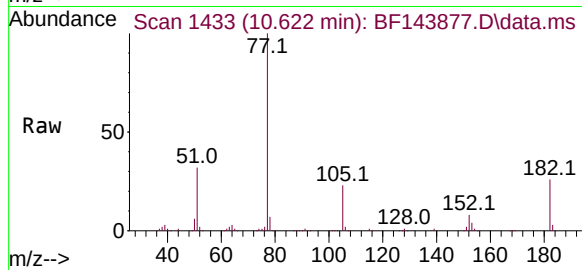
Tgt Ion:138 Resp: 36684
Ion Ratio Lower Upper
138 100
92 50.5 33.9 73.9
108 56.7 40.2 80.2





#63
Azobenzene
Concen: 10.794 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

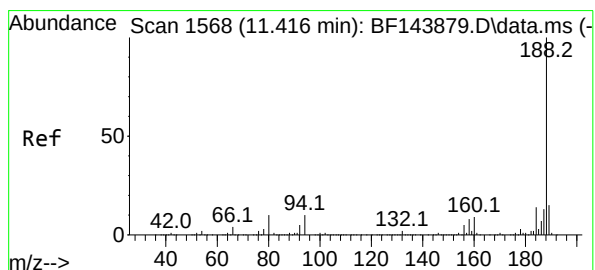
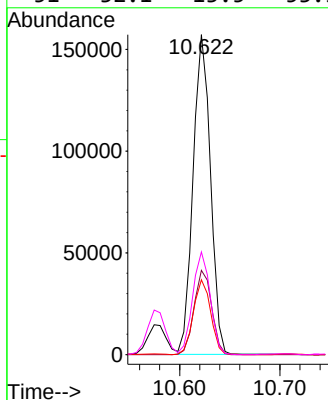
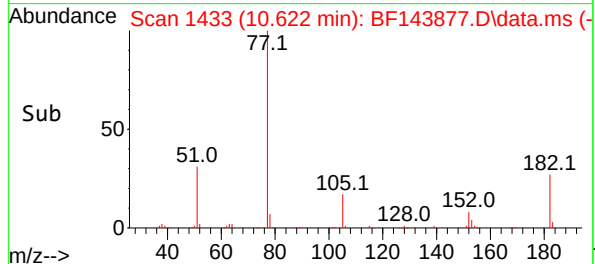
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



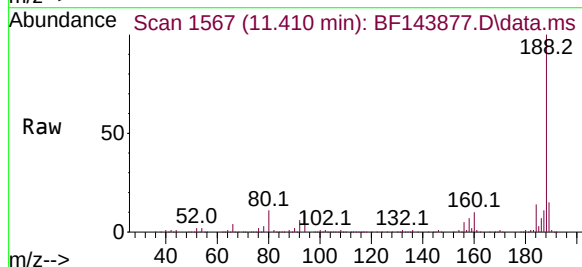
Tgt Ion: 77 Resp: 188888
Ion Ratio Lower Upper
77 100
182 26.3 7.3 47.3
105 23.4 3.0 43.0
51 32.1 13.5 53.5

Manual Integrations
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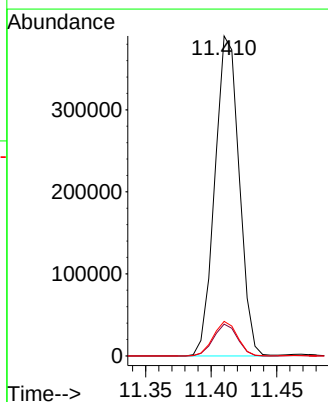
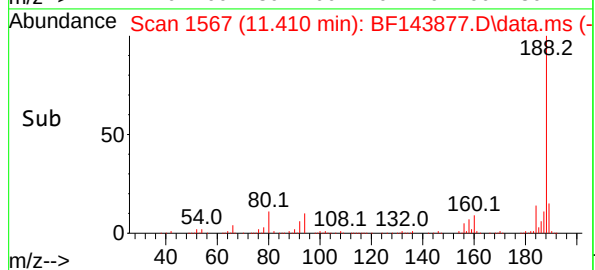
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

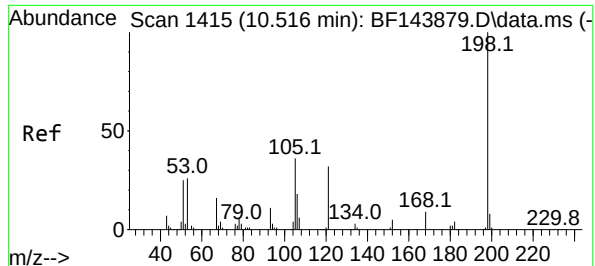


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



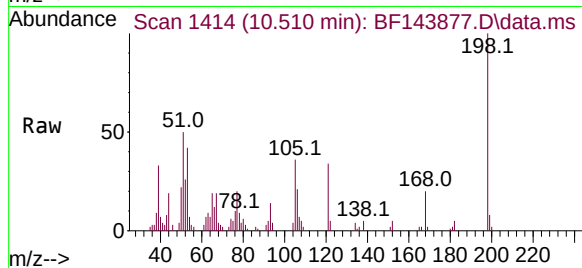
Tgt Ion:188 Resp: 504357
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 6.421 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

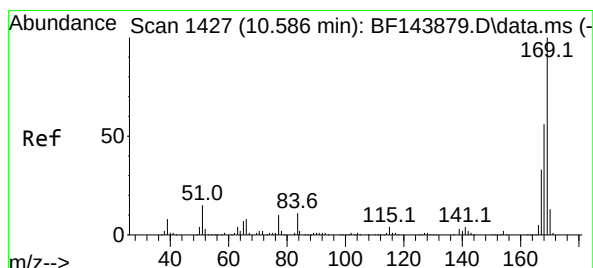
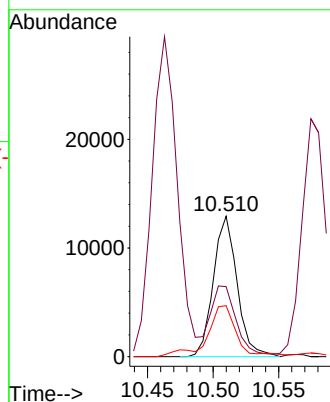
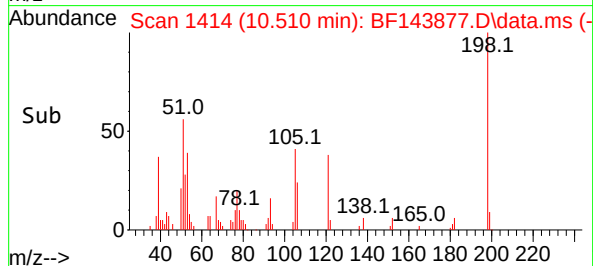
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



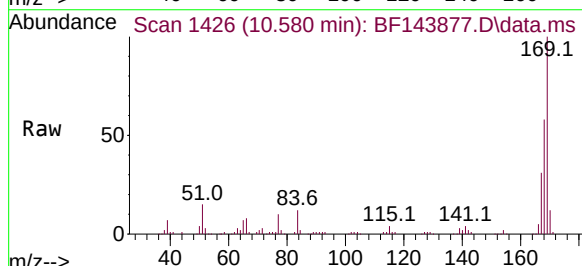
Tgt Ion:198 Resp: 16274
Ion Ratio Lower Upper
198 100
51 49.9 33.8 73.8
105 36.3 17.0 57.0

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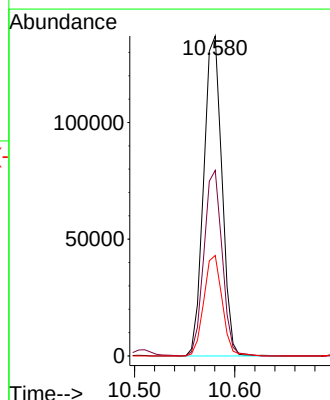
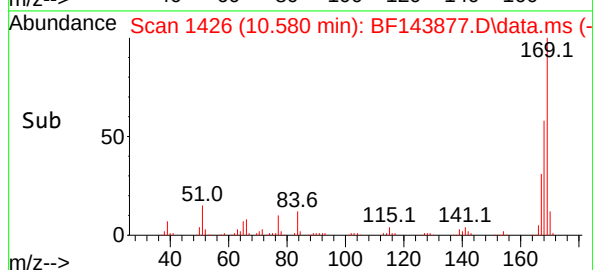
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

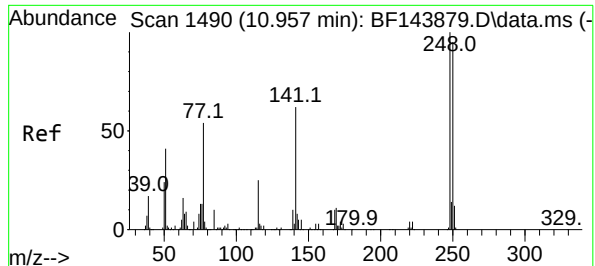


#66
n-Nitrosodiphenylamine
Concen: 10.869 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:169 Resp: 172118
Ion Ratio Lower Upper
169 100
168 58.0 44.9 67.3
167 31.4 26.3 39.5





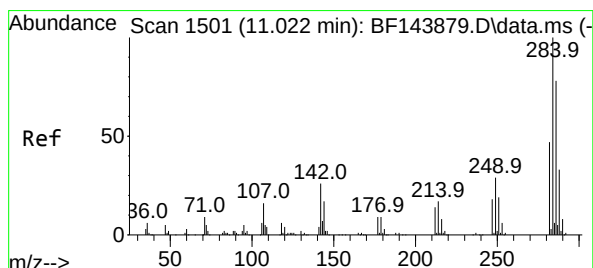
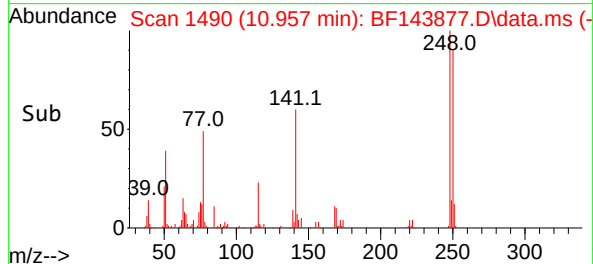
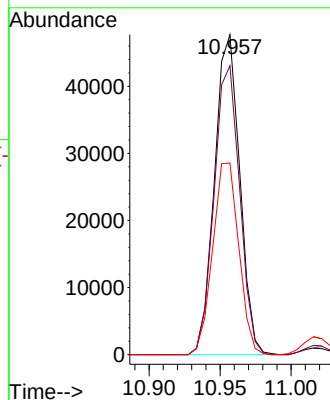
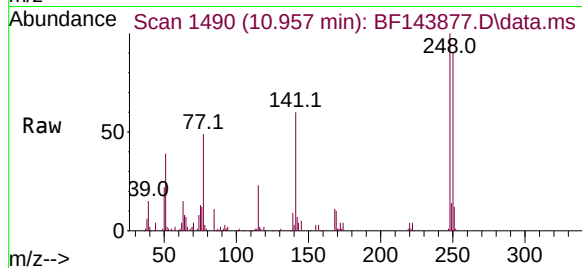
#67
4-Bromophenyl-phenylether
Concen: 10.581 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 58980
Ion Ratio Lower Upper
248 100
250 90.3 76.3 114.5
141 59.9 49.7 74.5

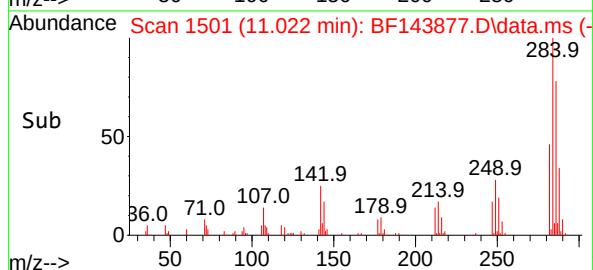
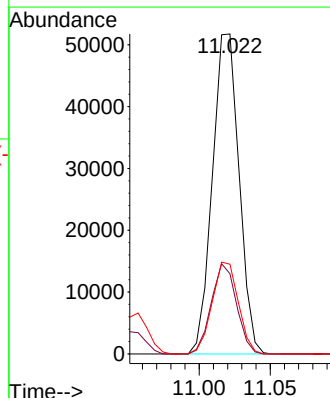
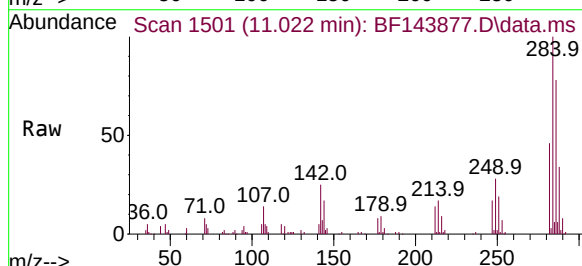
Manual Integrations
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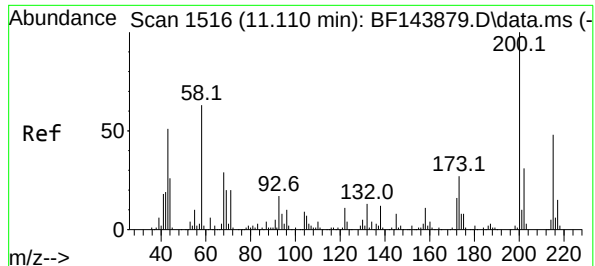
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 10.459 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:284 Resp: 67494
Ion Ratio Lower Upper
284 100
142 25.0 20.6 30.8
249 28.0 23.2 34.8





#69

Atrazine

Concen: 10.837 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 52016

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

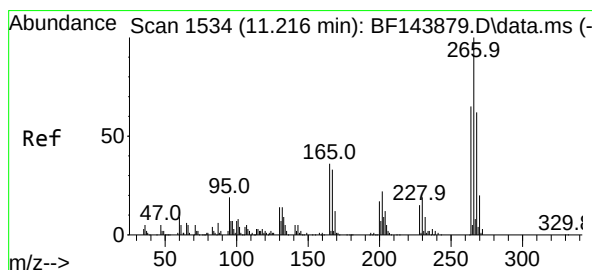
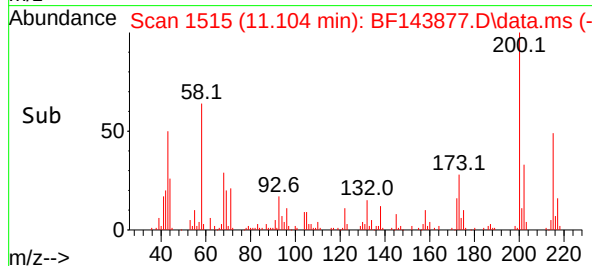
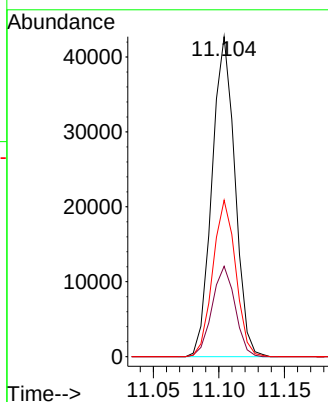
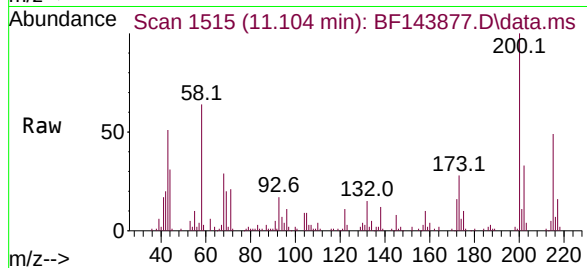
215 48.9 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 7.989 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

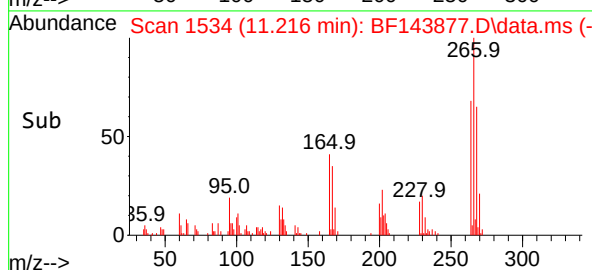
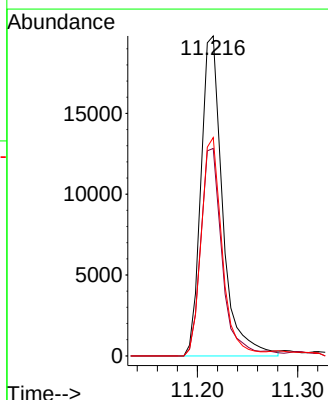
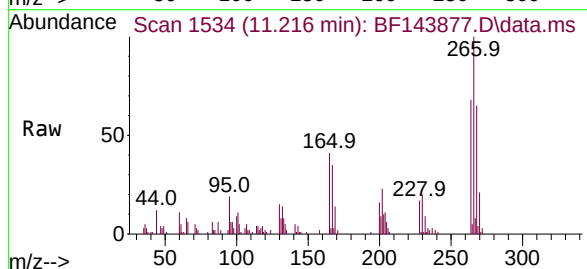
Tgt Ion:266 Resp: 29608

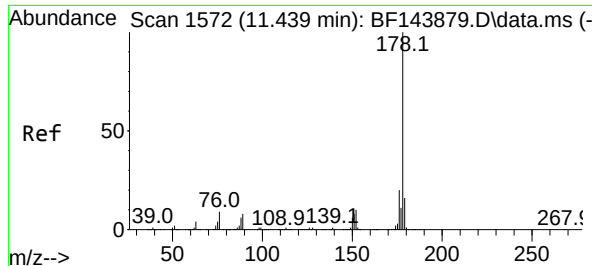
Ion Ratio Lower Upper

266 100

268 64.8 49.4 74.0

264 68.2 51.8 77.6





#71

Phenanthrene

Concen: 11.267 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:178 Resp: 275484

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

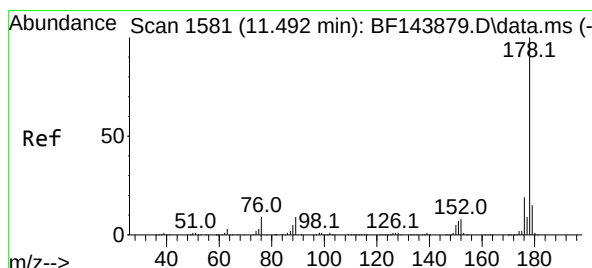
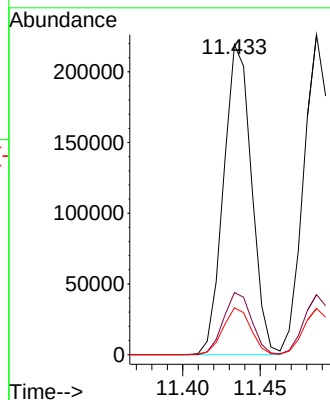
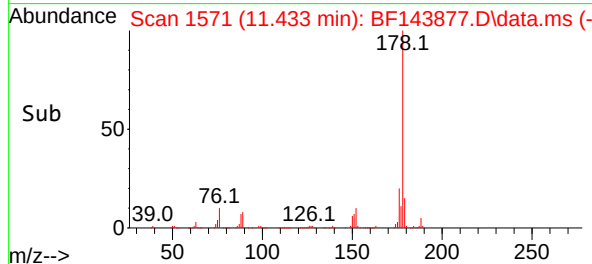
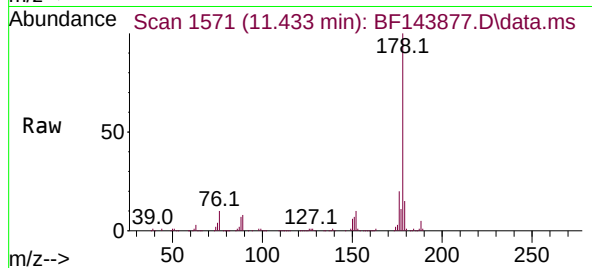
179 15.1 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#72

Anthracene

Concen: 11.201 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

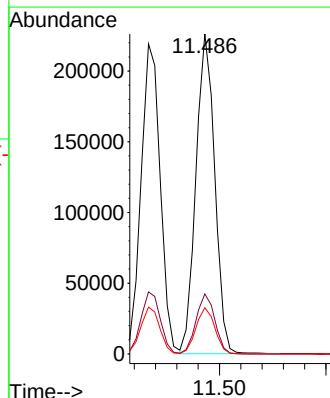
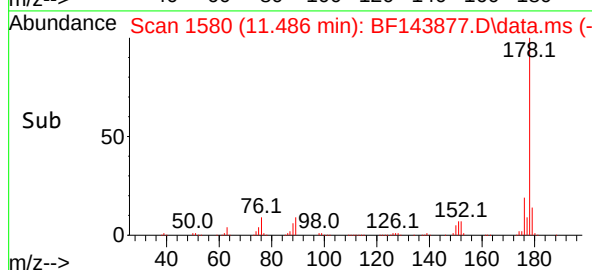
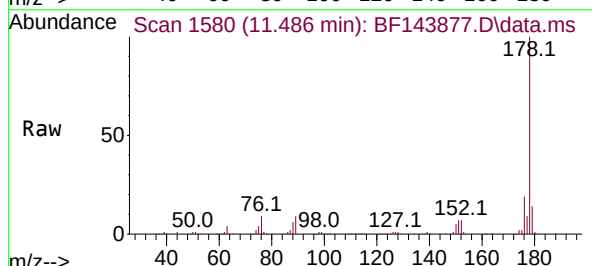
Tgt Ion:178 Resp: 276694

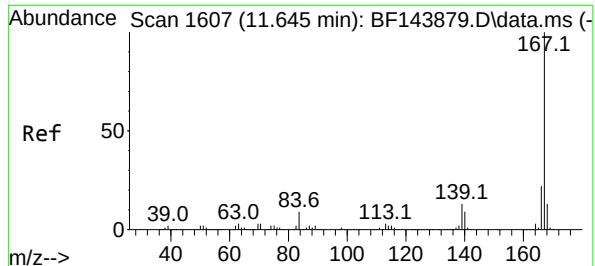
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

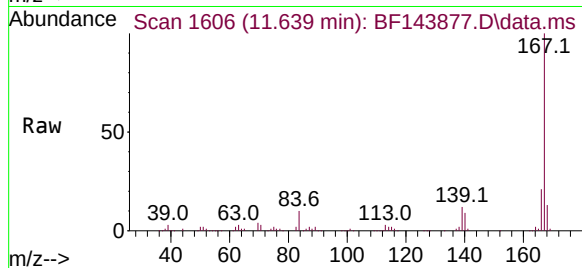
179 14.4 12.2 18.2





#73
Carbazole
Concen: 11.086 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

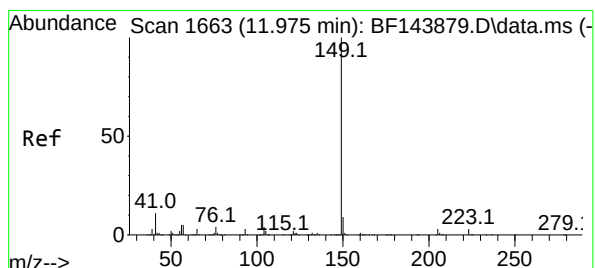
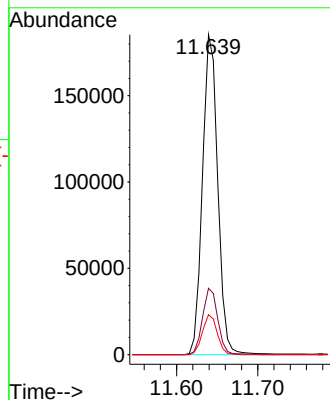
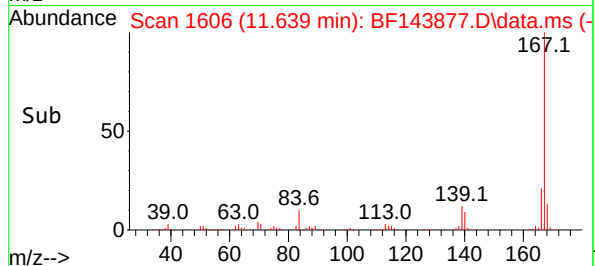
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



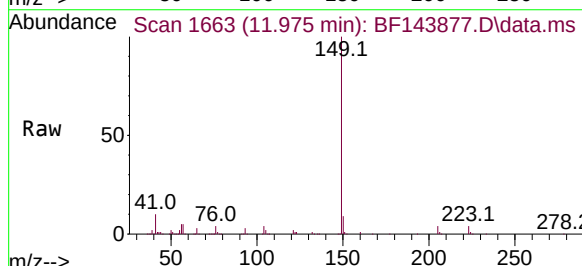
Tgt Ion:167 Resp: 242534
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.5 10.1 15.1

Manual Integrations
APPROVED

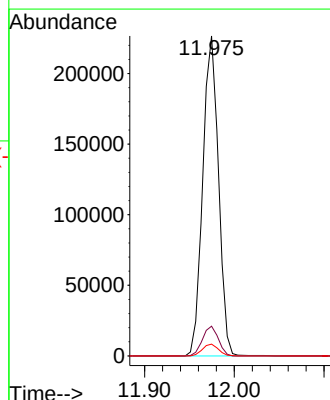
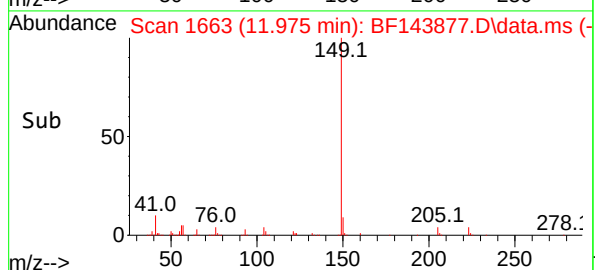
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

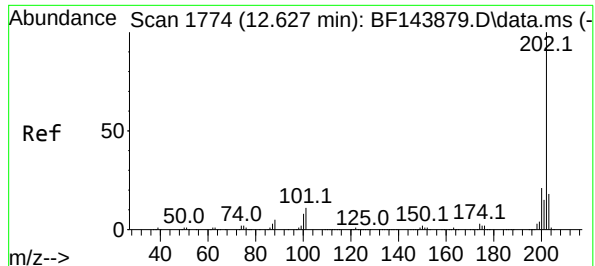


#74
Di-n-butylphthalate
Concen: 10.879 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:149 Resp: 275838
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.7 3.4 5.2





#75

Fluoranthene

Concen: 11.510 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

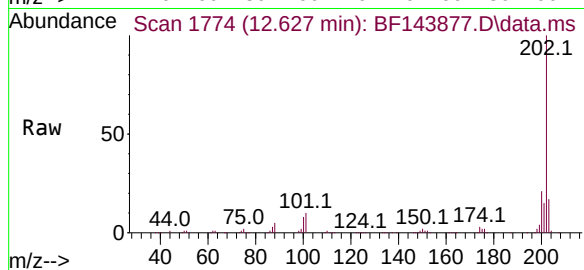
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



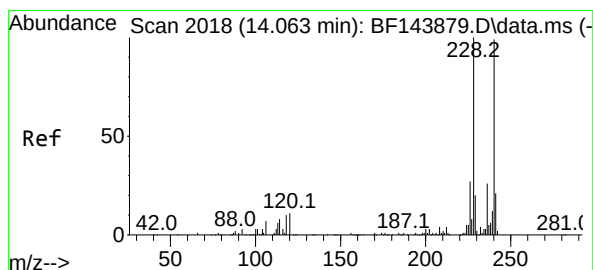
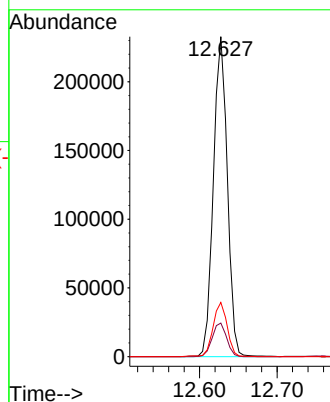
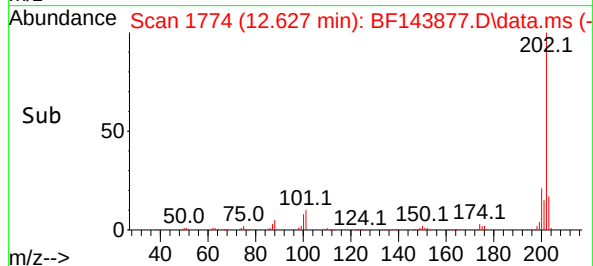
Tgt Ion:	202	Resp:	290713
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	16.9	0.0	37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#76

Chrysene-d12

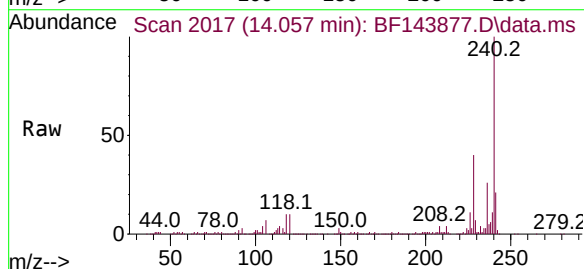
Concen: 20.000 ng

RT: 14.057 min Scan# 2017

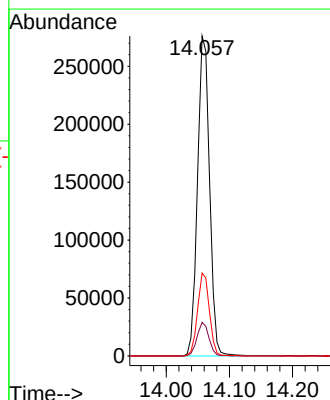
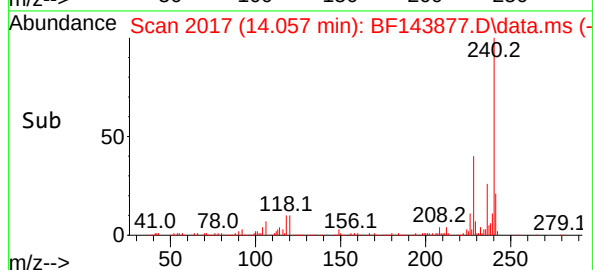
Delta R.T. -0.011 min

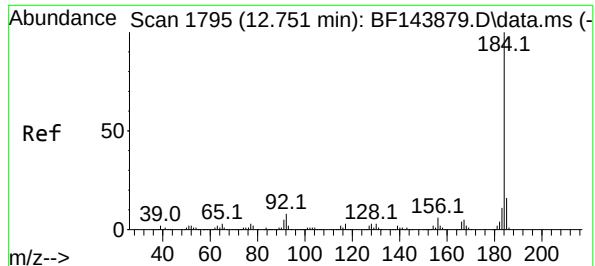
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:	240	Resp:	366499
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	25.9	21.1	31.7





#77

Benzidine

Concen: 10.092 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:184 Resp: 128424

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

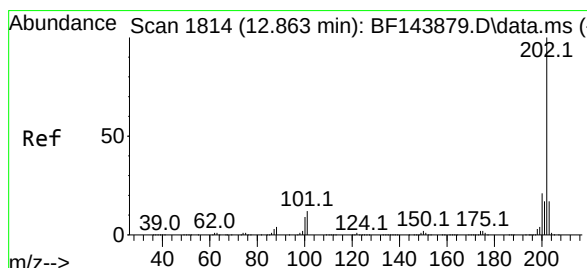
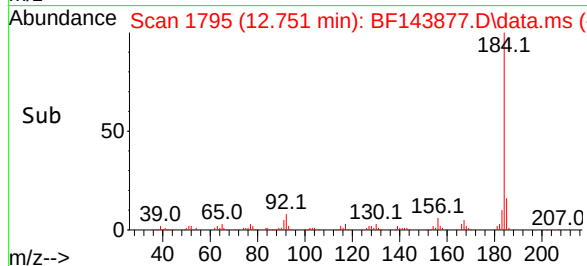
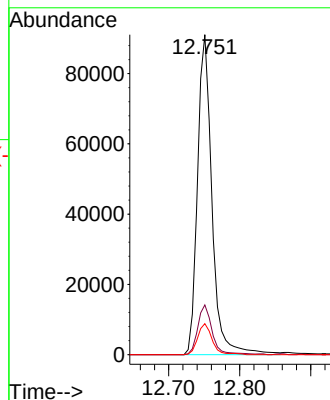
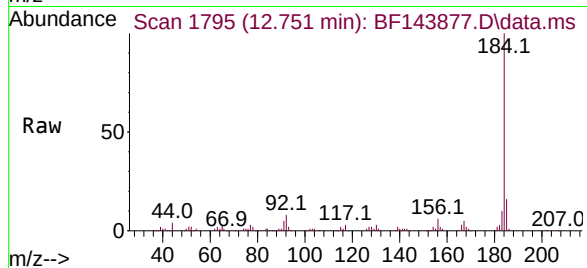
183 9.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 9.975 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

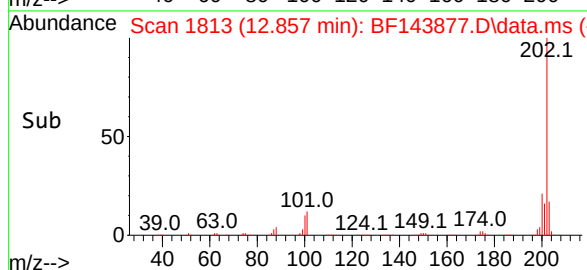
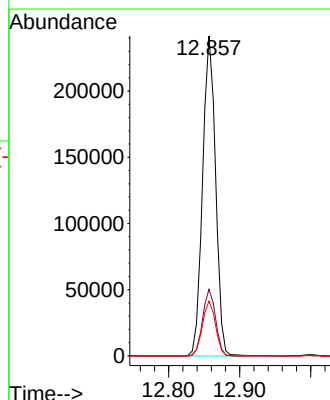
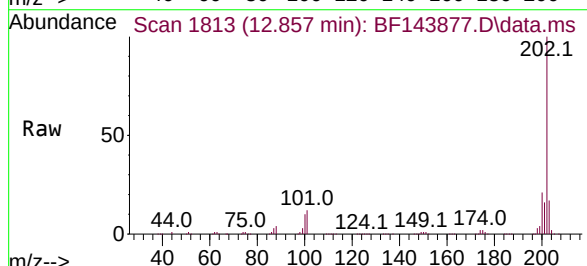
Tgt Ion:202 Resp: 304789

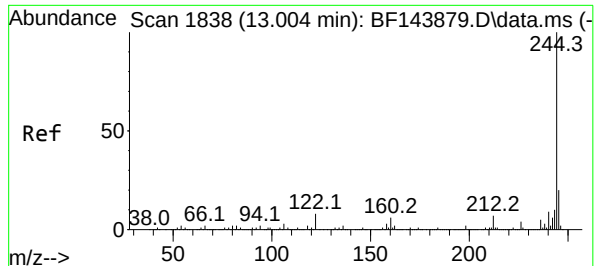
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 20.657 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 442968

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

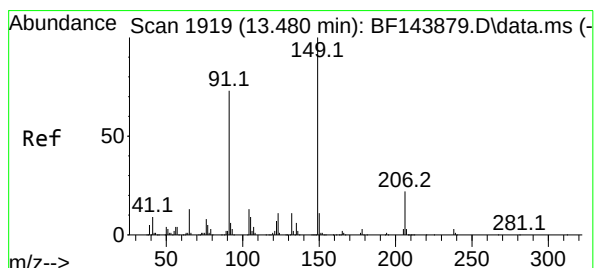
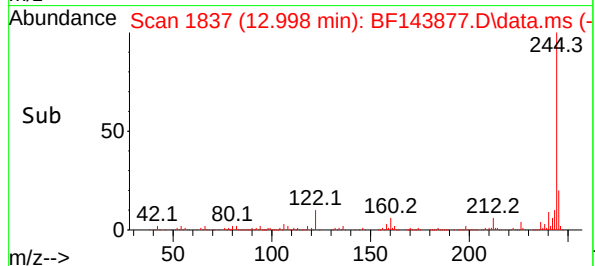
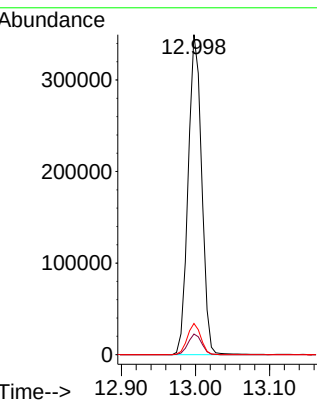
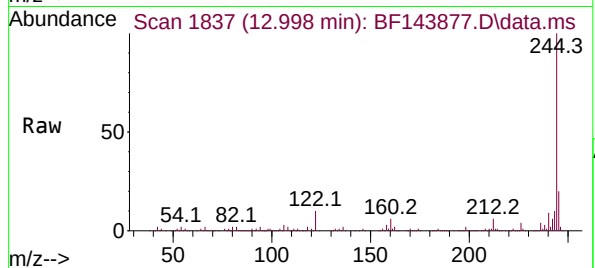
122 9.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 9.296 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

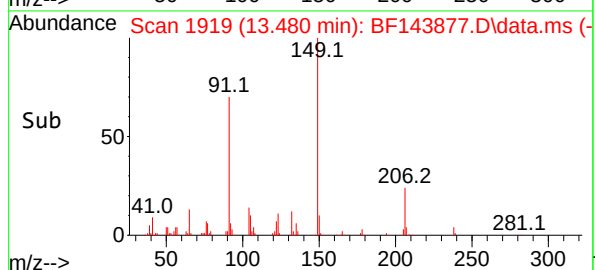
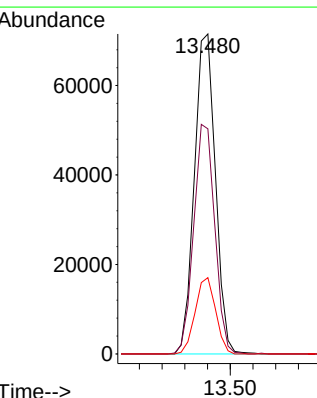
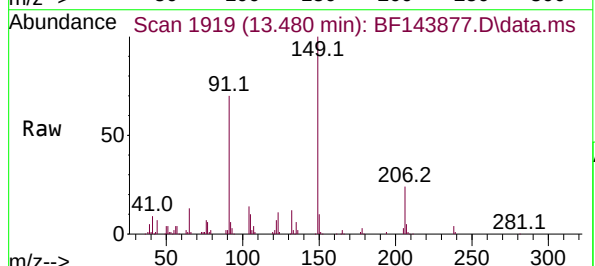
Tgt Ion:149 Resp: 92241

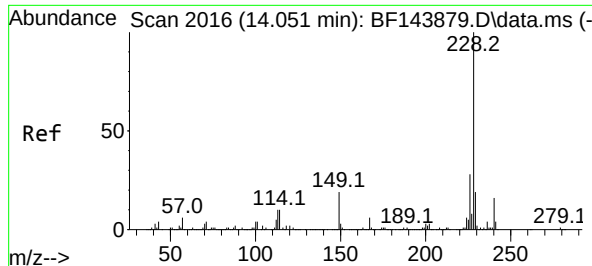
Ion Ratio Lower Upper

149 100

91 70.3 58.2 87.2

206 23.8 17.9 26.9





#81

Benzo(a)anthracene

Concen: 10.293 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 24687

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

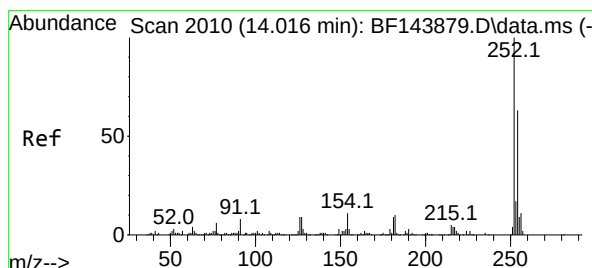
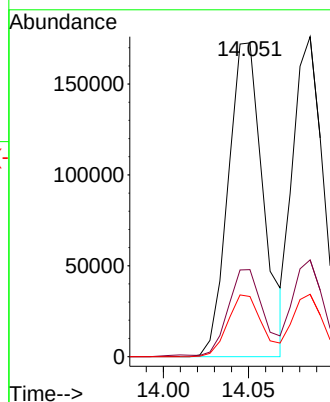
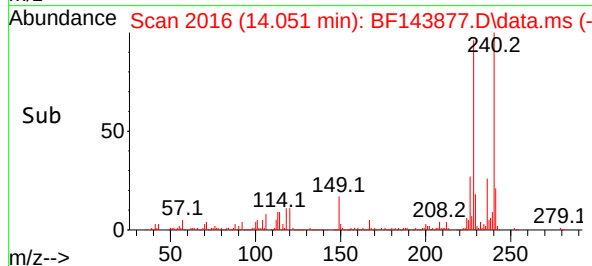
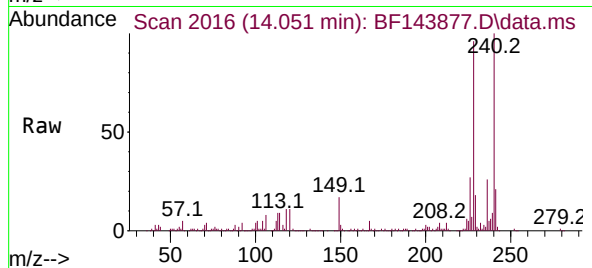
229 19.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 9.129 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

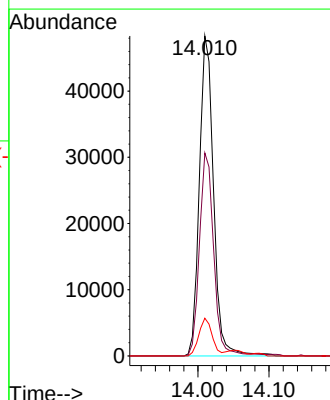
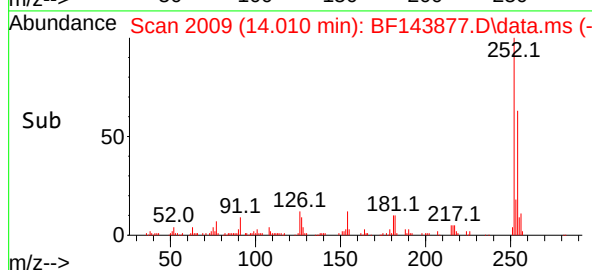
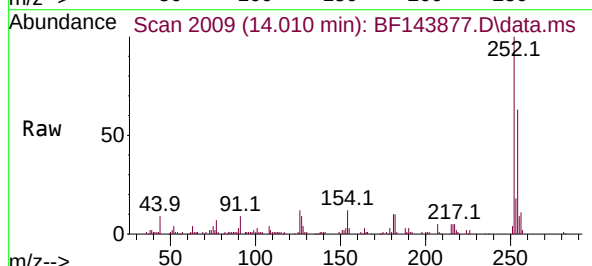
Tgt Ion:252 Resp: 66722

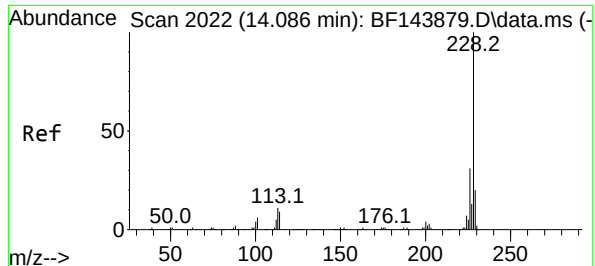
Ion Ratio Lower Upper

252 100

254 63.4 50.6 76.0

126 11.8 7.0 10.6#





#83

Chrysene

Concen: 9.809 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

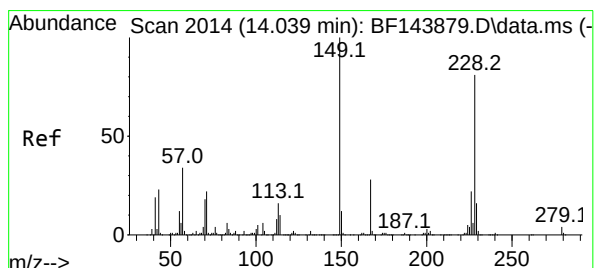
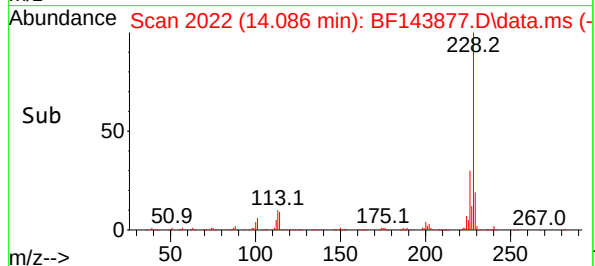
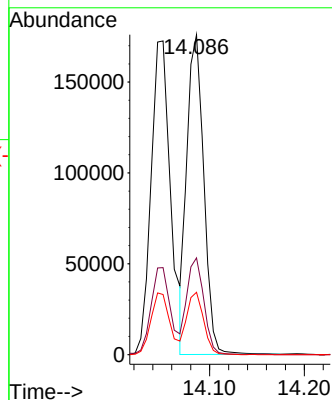
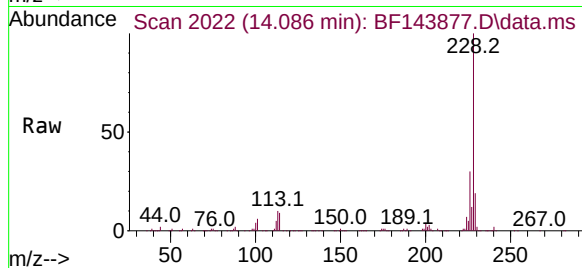
Tgt Ion:	228	Resp:	21774
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	19.5	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.483 ng

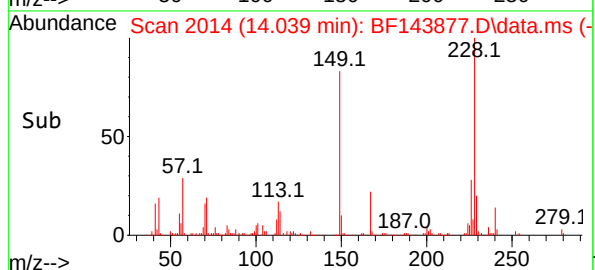
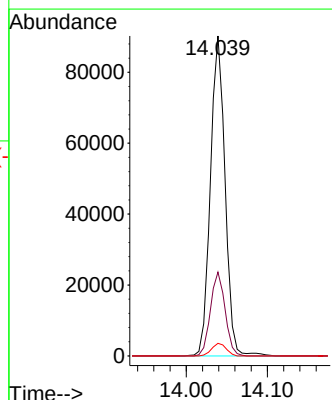
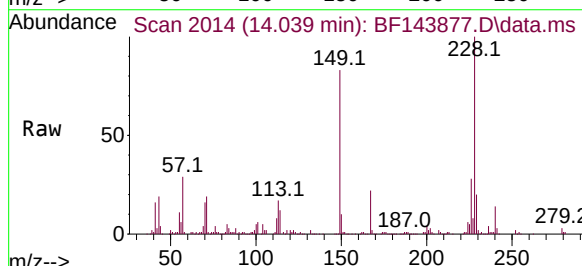
RT: 14.039 min Scan# 2014

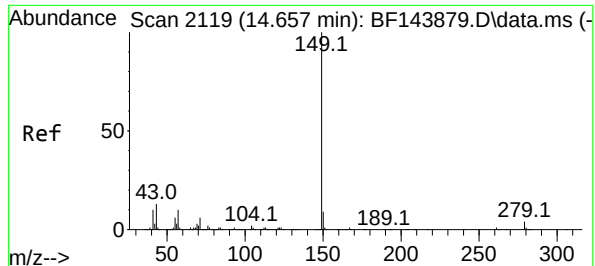
Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

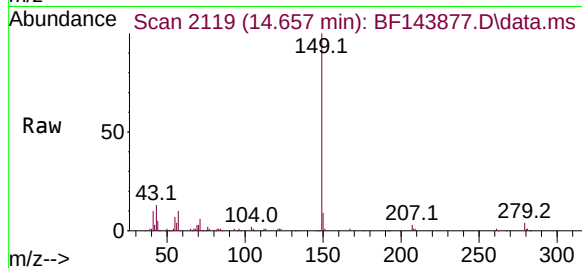
Tgt Ion:	149	Resp:	113431
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.2	33.4
279	3.9	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 7.810 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

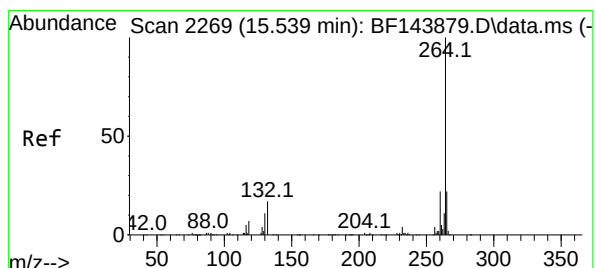
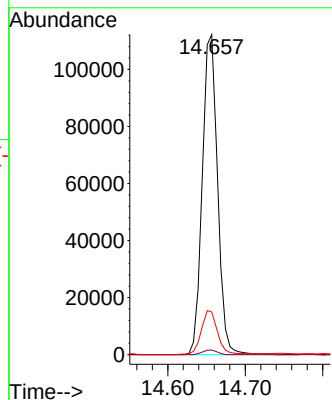
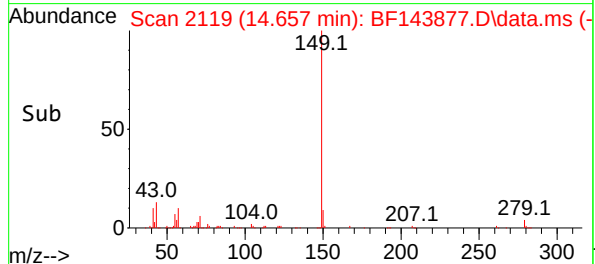
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



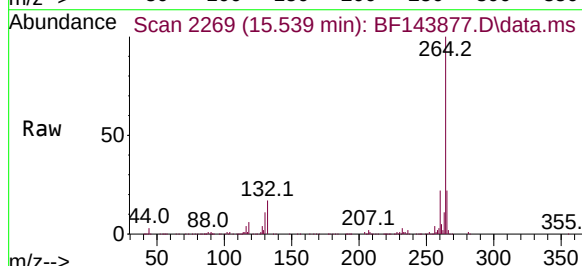
Tgt Ion:149 Resp: 153434
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.8 11.0 16.4

Manual Integrations
APPROVED

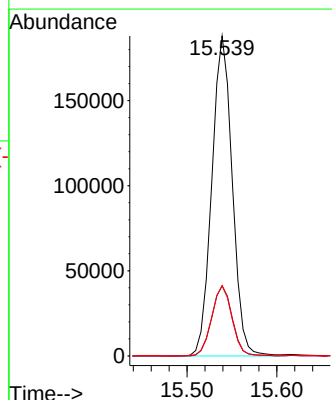
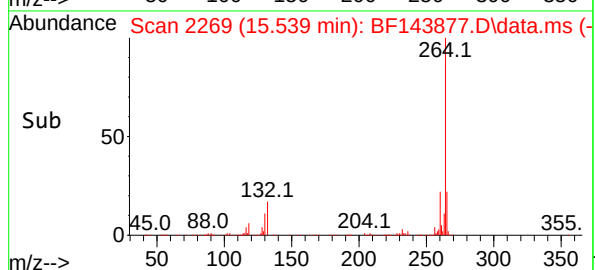
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

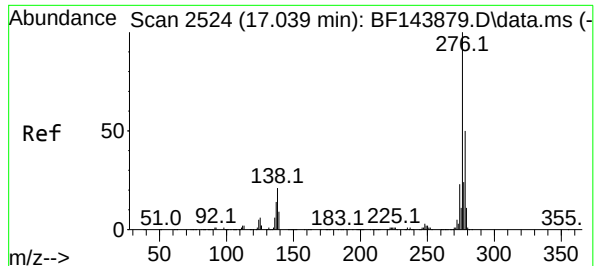


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:264 Resp: 297391
Ion Ratio Lower Upper
264 100
260 22.0 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.011 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 164200

Ion Ratio Lower Upper

276 100

138 26.2 18.2 27.2

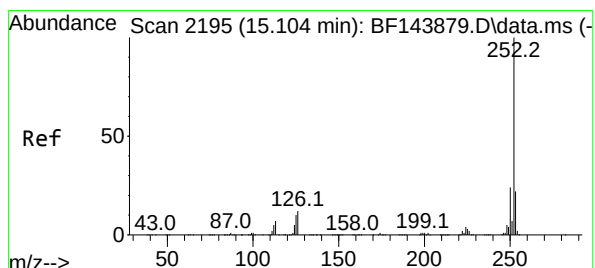
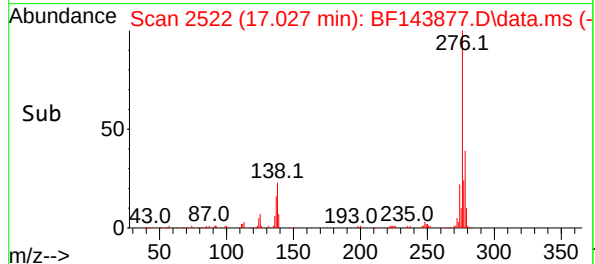
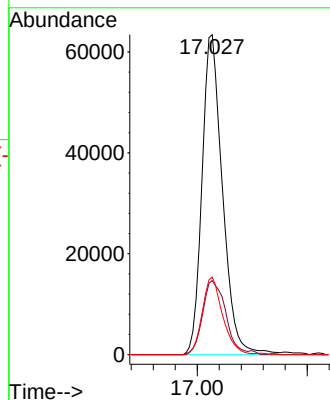
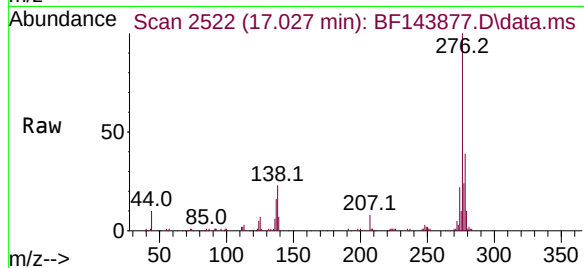
277 24.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 9.901 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

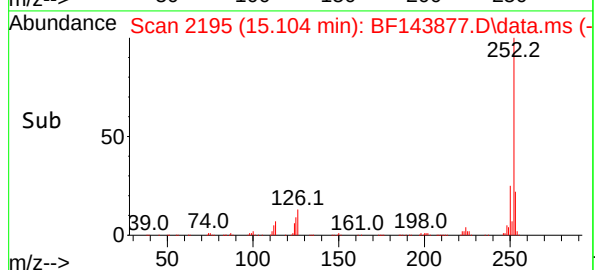
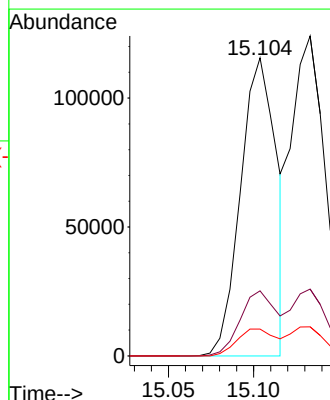
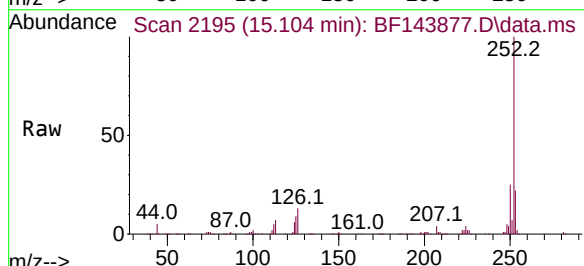
Tgt Ion:252 Resp: 169146

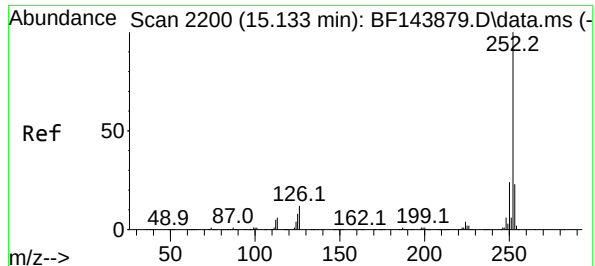
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 11.032 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 174390

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

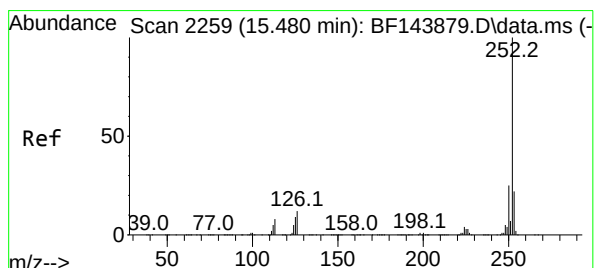
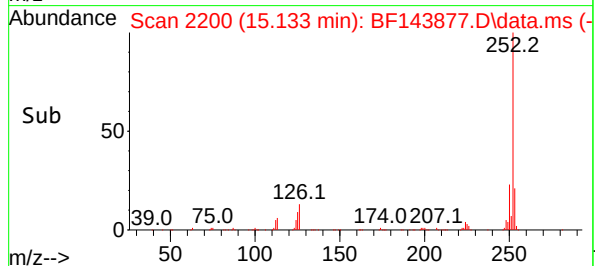
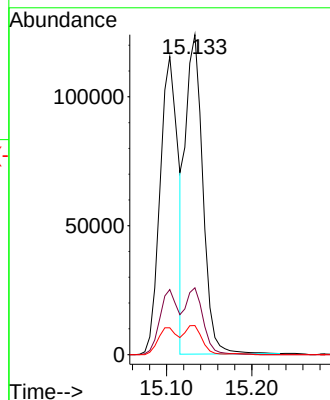
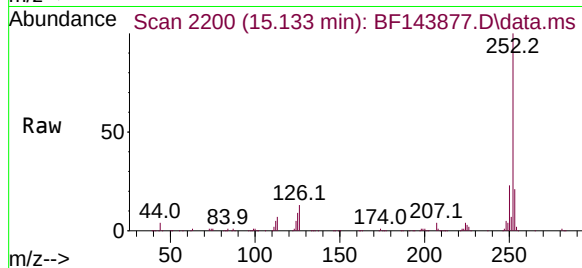
125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 10.096 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

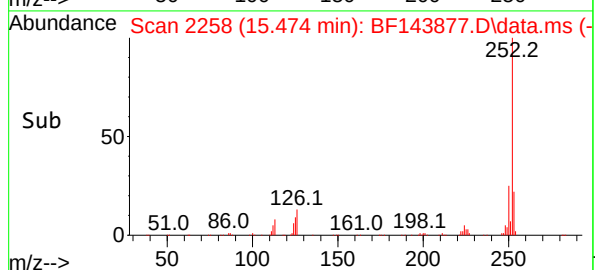
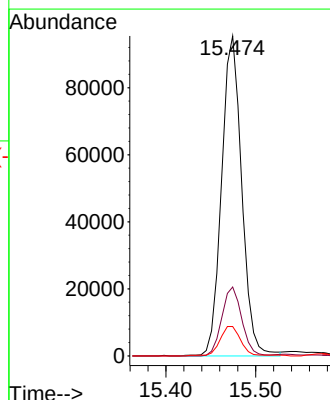
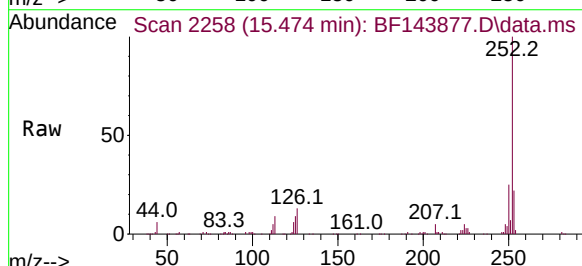
Tgt Ion:252 Resp: 149543

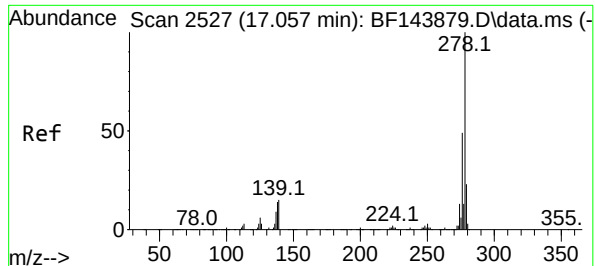
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

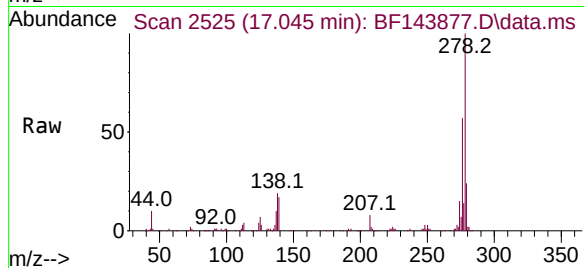
125 9.2 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 9.279 ng
RT: 17.045 min Scan# 2527
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

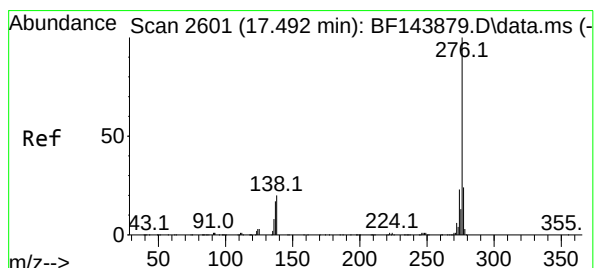
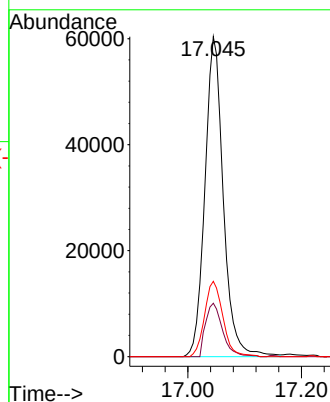
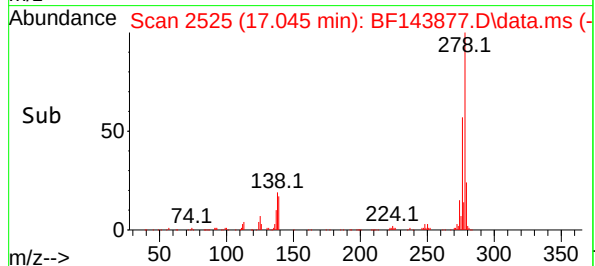
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 135992
Ion Ratio Lower Upper
278 100
139 16.7 11.7 17.5
279 23.5 18.4 27.6

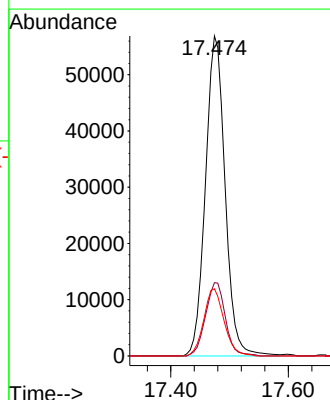
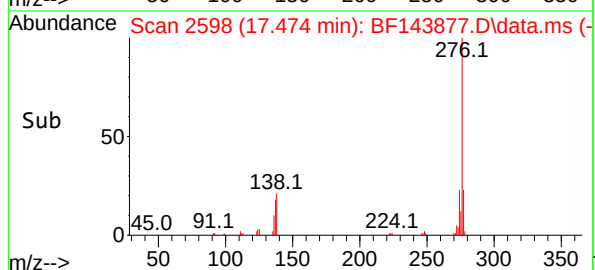
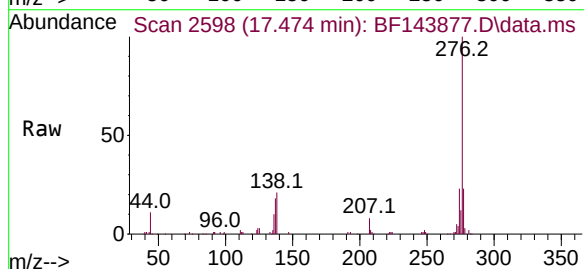
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 9.012 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 276 Resp: 132076
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 21.0 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	144072	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng	0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng	0.00
86) Perylene-d12	15.539	264	314616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	389641	42.947	ng	0.00
7) Phenol-d6	6.498	99	461437	42.670	ng	-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng	-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng	97
3) Pyridine	3.410	79	251988	20.618	ng	99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng	96
6) Aniline	6.540	93	340202	20.994	ng	99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng	99
9) Benzaldehyde	6.434	77	147781	17.715	ng	99
10) Phenol	6.510	94	272100m	21.046	ng	
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng	100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng	98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng	99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng	98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng	100
17) 2-Methylphenol	7.128	107	151099	20.616	ng	99
18) Hexachloroethane	7.398	117	74147	21.232	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng	99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	# 86
22) Acetophenone	7.287	105	259382	21.837	ng	100
24) Nitrobenzene	7.463	77	218497	21.279	ng	100
25) Isophorone	7.698	82	397606	20.393	ng	99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng	96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng	98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng	98
31) Naphthalene	8.186	128	545971	21.365	ng	99
32) Benzoic acid	7.892	122	98172m	17.912	ng	
33) 4-Chloroaniline	8.233	127	200545	20.924	ng	98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng	98
35) Caprolactam	8.586	113	51159	19.505	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng	97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng	99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng	98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng	98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng	100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng	96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng	98
49) Acenaphthylene	9.780	152	512980	21.234	ng	100
50) Dimethylphthalate	9.639	163	415359	21.011	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng	96
52) Acenaphthene	9.957	154	341066	21.545	ng	99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng	99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	# 67
55) Dibenzofuran	10.128	168	489250	21.894	ng	98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng	97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng	99
58) Fluorene	10.469	166	365206	21.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng	99
60) Diethylphthalate	10.339	149	396233	21.575	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng	97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng	98
63) Azobenzene	10.622	77	407261	21.218	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng	100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng	98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng	99
69) Atrazine	11.104	200	114492	22.405	ng	99
70) Pentachlorophenol	11.216	266	81624	20.687	ng	95
71) Phenanthrene	11.439	178	572157	21.979	ng	98
72) Anthracene	11.486	178	567724	21.588	ng	100
73) Carbazole	11.639	167	504282	21.651	ng	99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng	99
75) Fluoranthene	12.627	202	587348	21.843	ng	98
77) Benzidine	12.751	184	249358	20.710	ng	97
78) Pyrene	12.857	202	613300	21.215	ng	99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng	97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	# 96
83) Chrysene	14.086	228	439378	20.920	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng	100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng	97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng	99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng	98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng	99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng	98

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

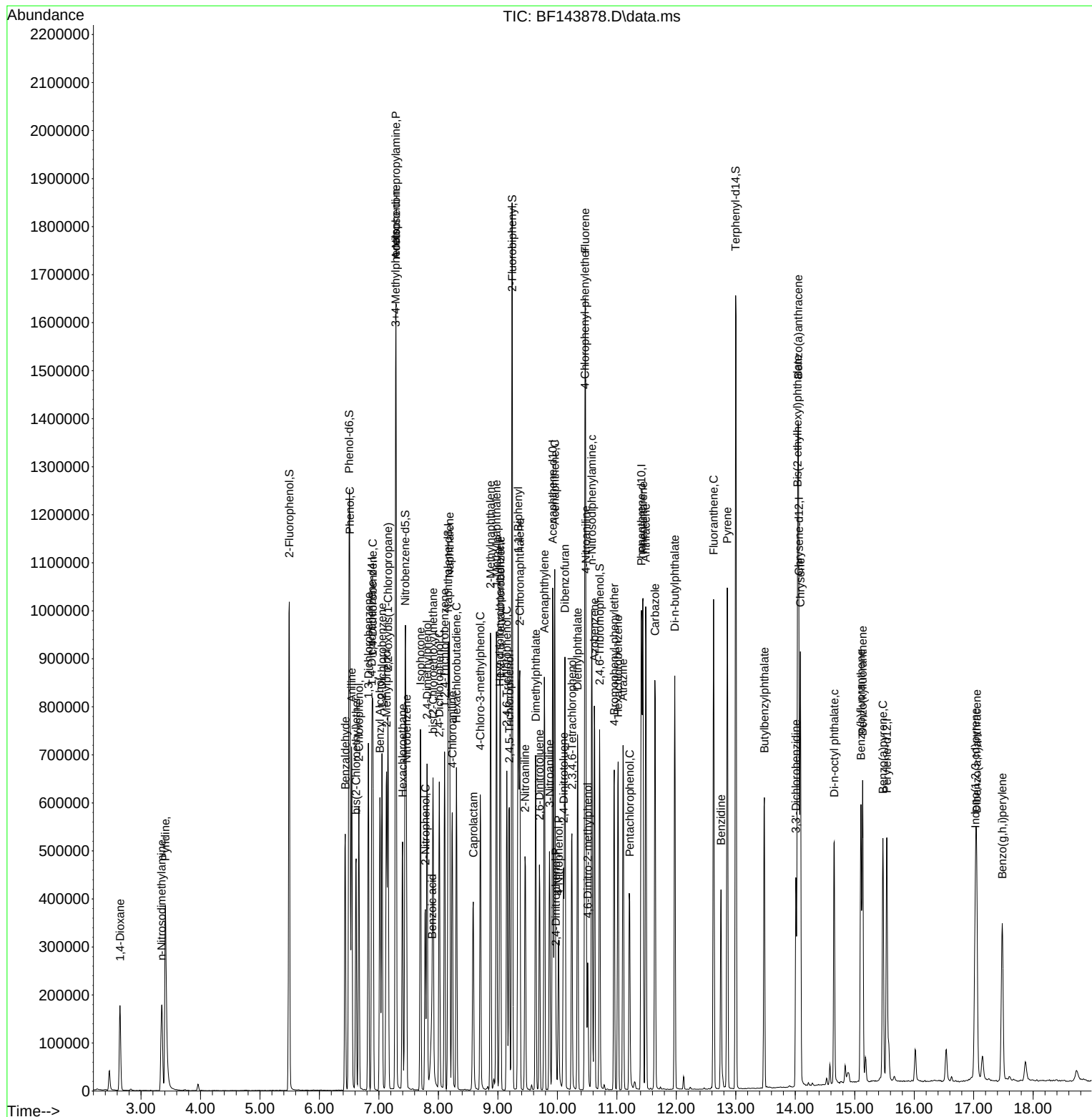
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

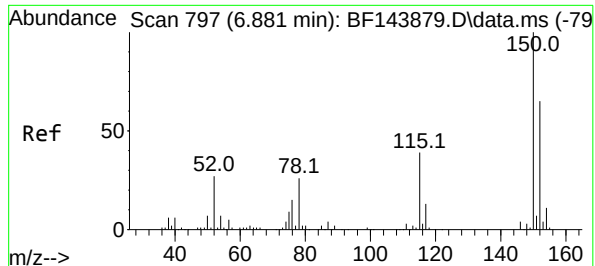
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

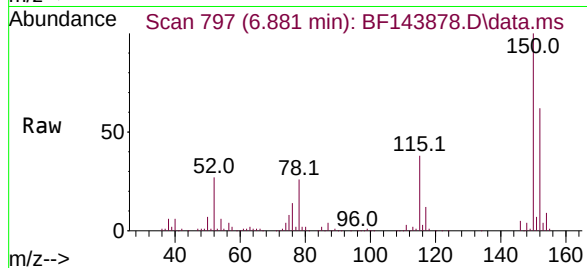
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

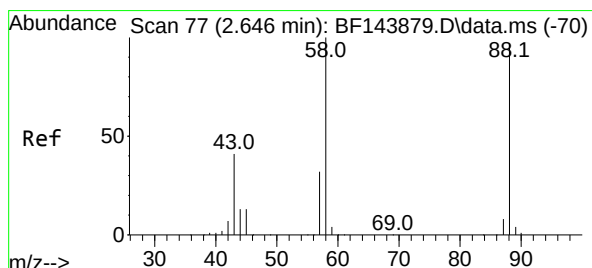
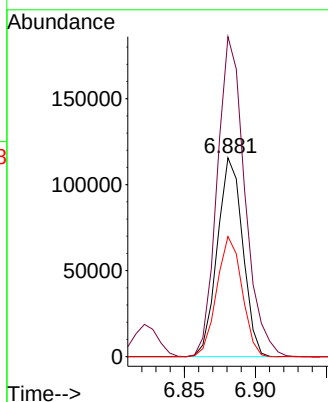
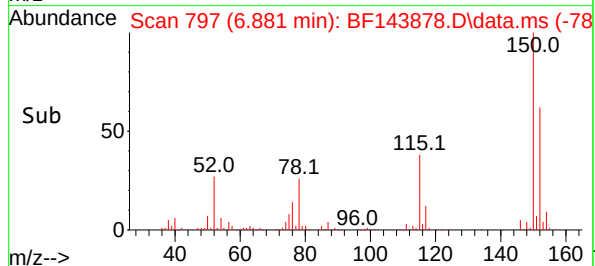
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 144072
Ion Ratio Lower Upper
152 100
150 160.9 124.4 186.6
115 60.4 48.1 72.1

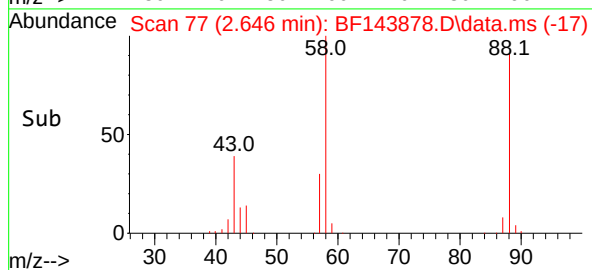
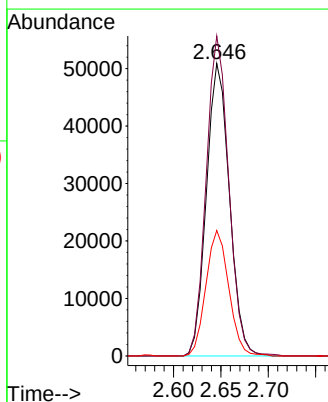
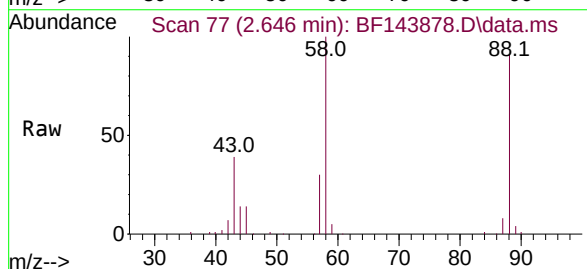
Manual Integrations
APPROVED

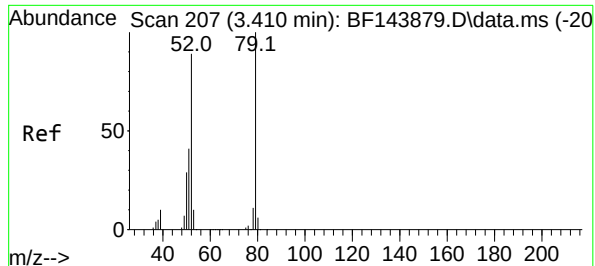
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 20.503 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 88 Resp: 86079
Ion Ratio Lower Upper
88 100
58 107.3 83.0 124.6
43 42.6 33.9 50.9





#3

Pyridine

Concen: 20.618 ng

RT: 3.410 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

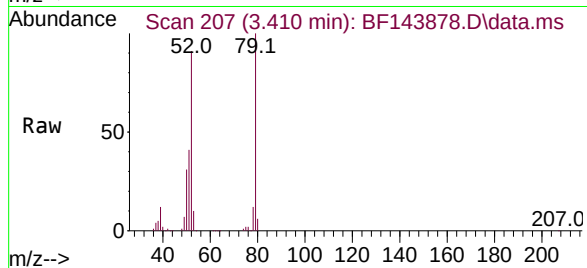
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 251988

Ion Ratio Lower Upper

79 100

52 90.7 71.5 107.3

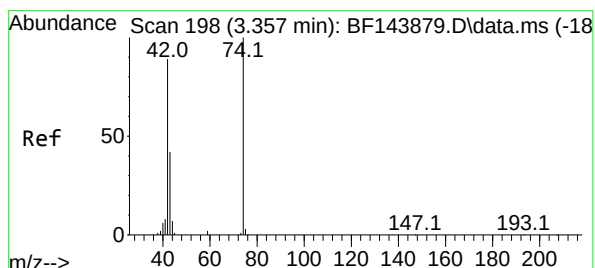
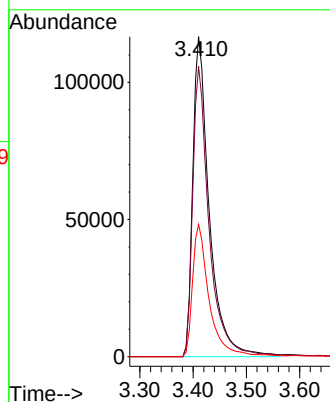
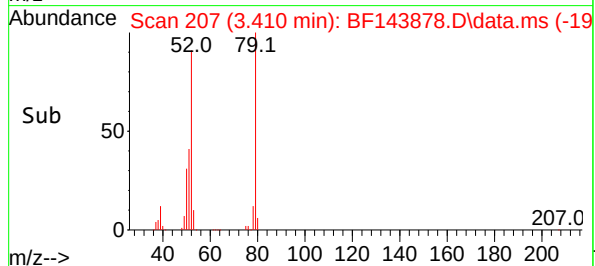
51 41.3 32.9 49.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

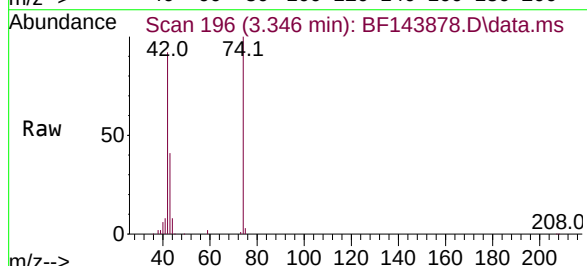
Concen: 20.051 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.041 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



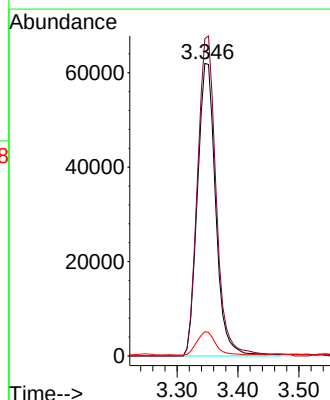
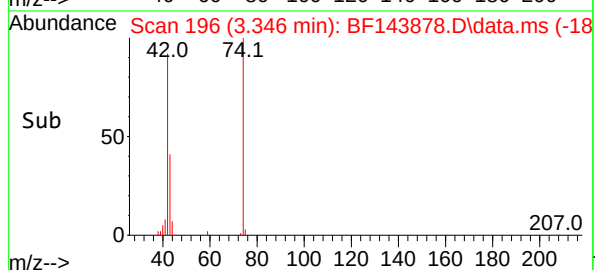
Tgt Ion: 42 Resp: 128915

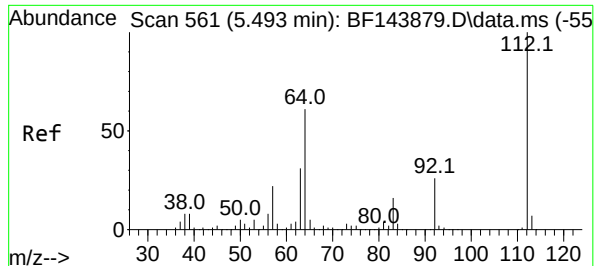
Ion Ratio Lower Upper

42 100

74 108.5 90.0 135.0

44 8.2 6.2 9.2





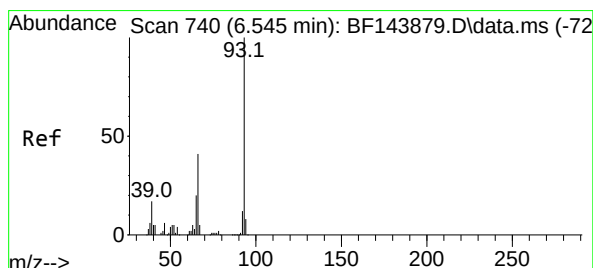
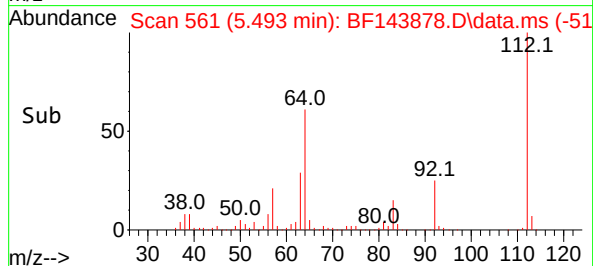
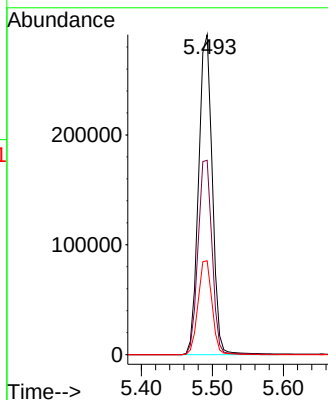
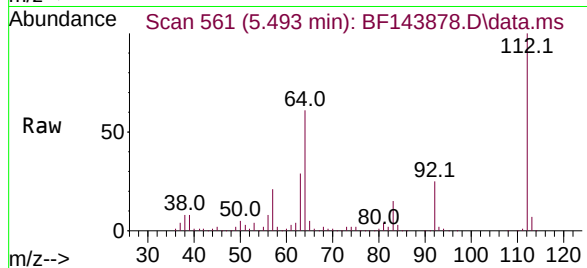
#5
2-Fluorophenol
Concen: 42.947 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 38964
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 29.3 24.5 36.7

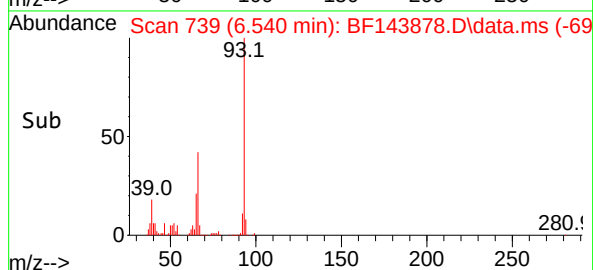
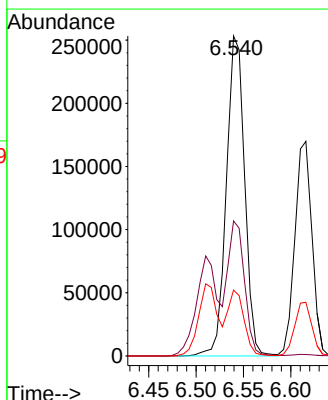
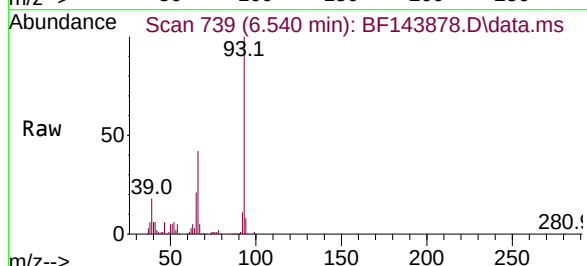
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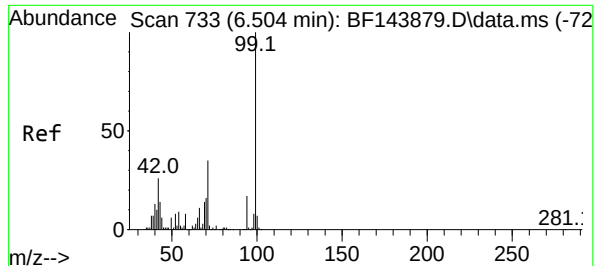
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 20.994 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 340202
Ion Ratio Lower Upper
93 100
66 42.2 33.0 49.6
65 20.6 15.8 23.8





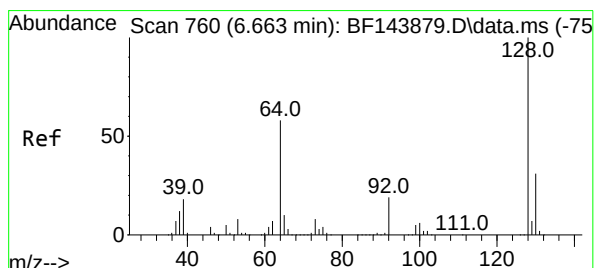
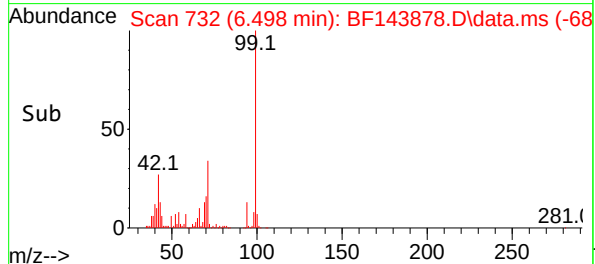
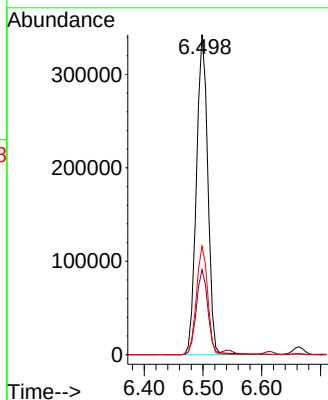
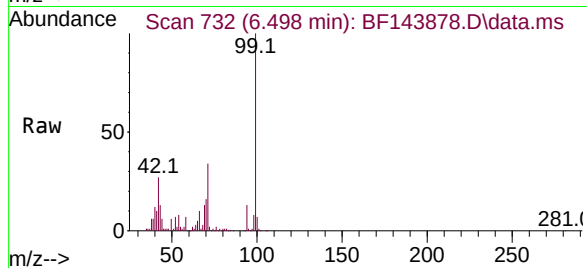
#7
Phenol-d6
Concen: 42.670 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
Client Sample Id :
SSTDICC020

Tgt Ion: 99 Resp: 461437
Ion Ratio Lower Upper
99 100
42 26.5 21.0 31.4
71 33.9 27.8 41.8

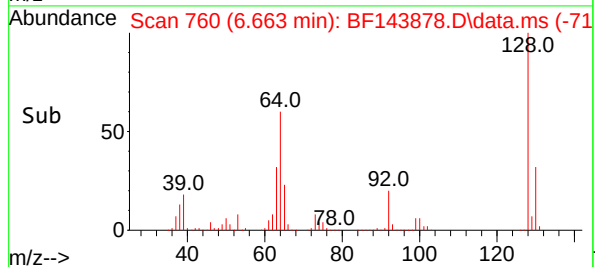
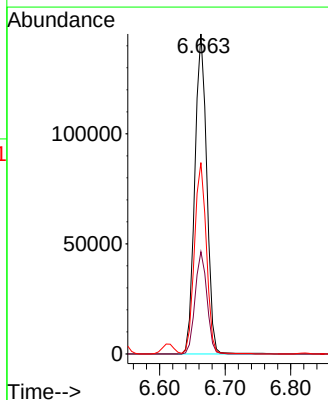
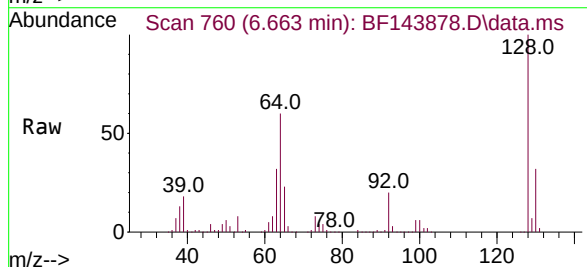
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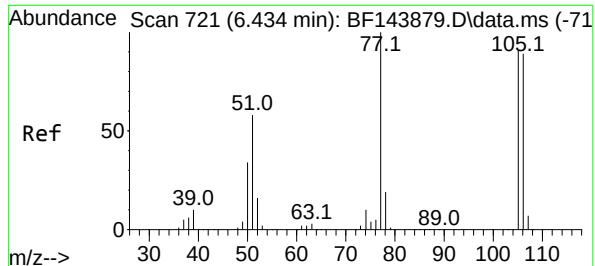
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 20.704 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:128 Resp: 183611
Ion Ratio Lower Upper
128 100
130 31.9 10.7 50.7
64 59.8 39.0 79.0





#9

Benzaldehyde

Concen: 17.715 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 14778

Ion Ratio Lower Upper

77 100

105 91.2 70.9 110.9

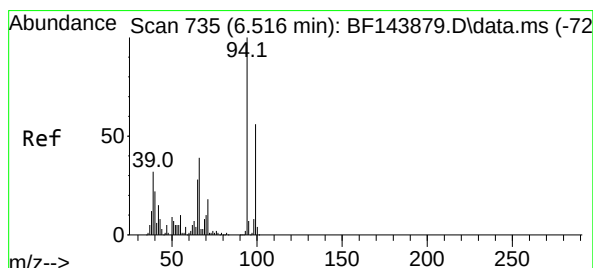
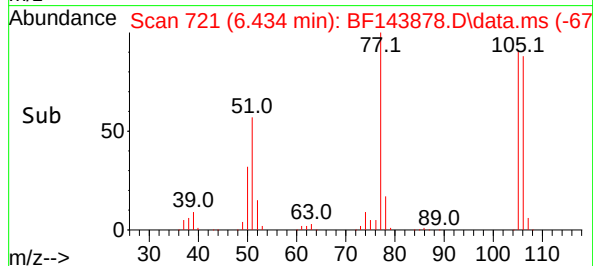
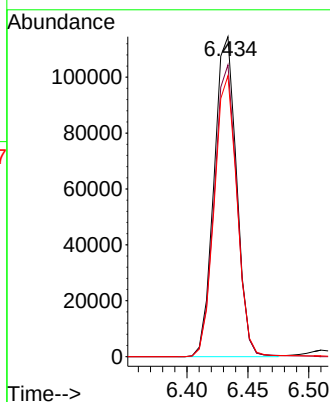
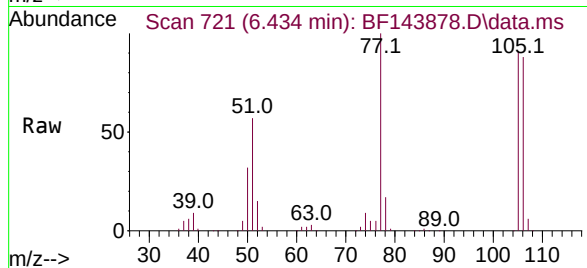
106 87.8 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 21.046 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

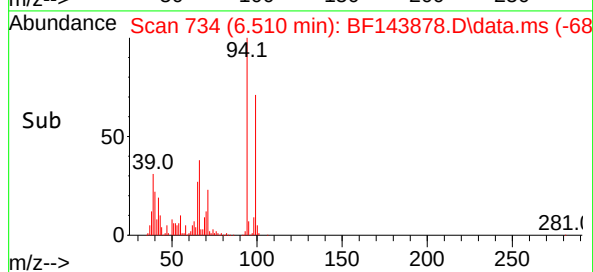
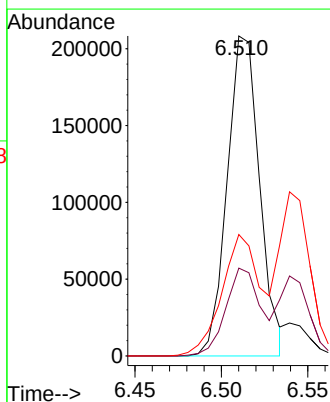
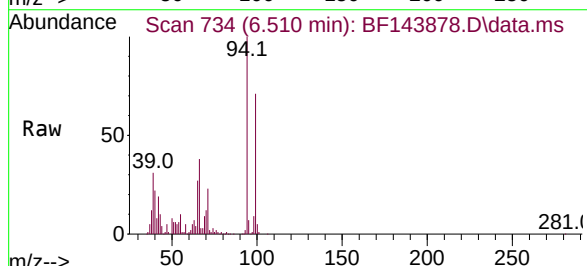
Tgt Ion: 94 Resp: 272100

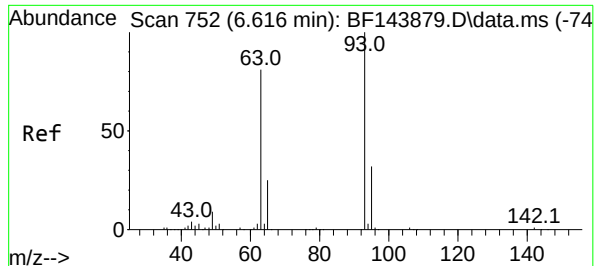
Ion Ratio Lower Upper

94 100

65 27.4 8.5 48.5

66 37.9 19.9 59.9





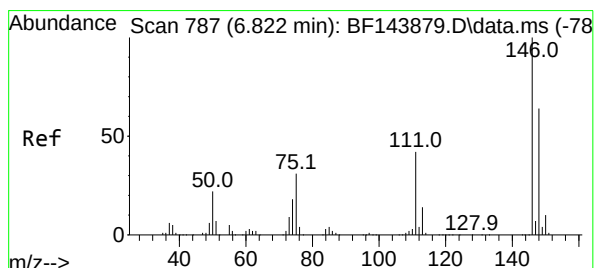
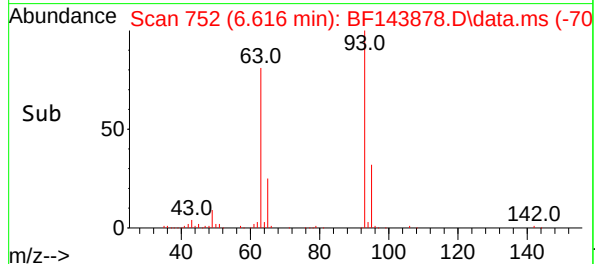
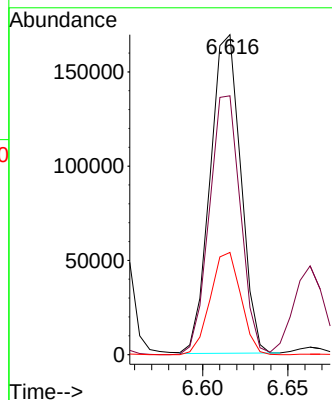
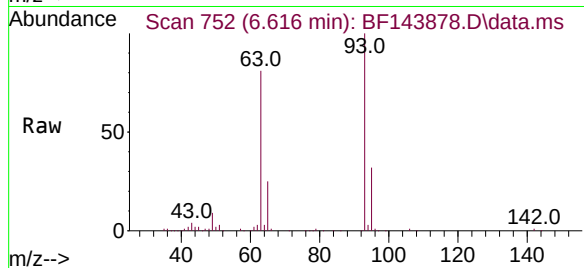
#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 211296
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 31.9 11.5 51.5

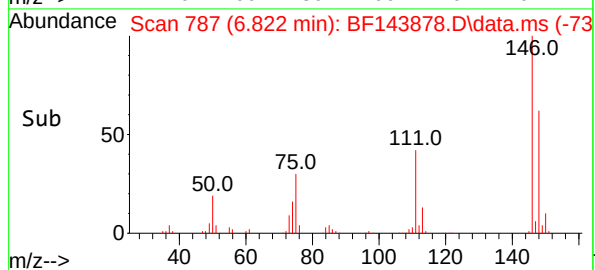
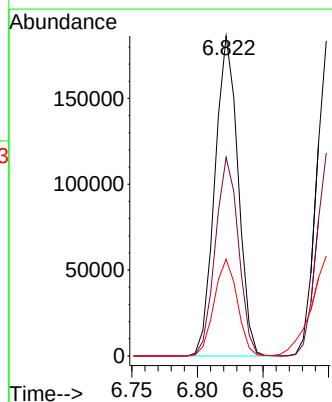
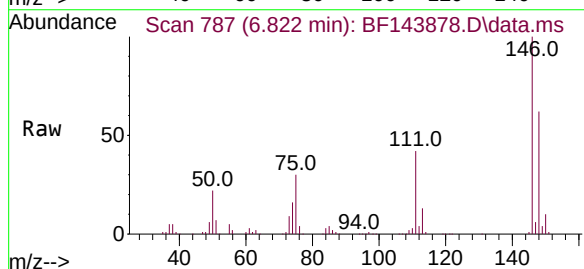
Manual Integrations
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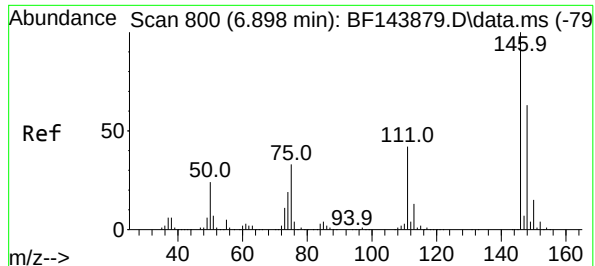
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 21.566 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 228938
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.4
75 30.2 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 21.554 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 225703

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

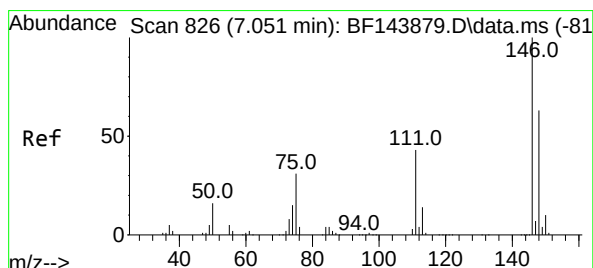
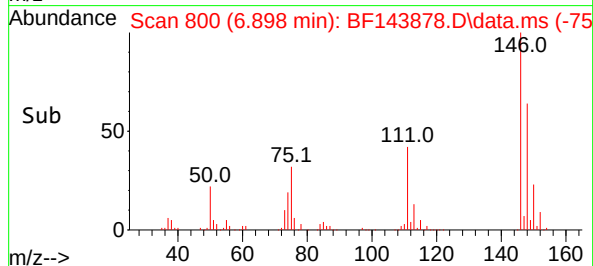
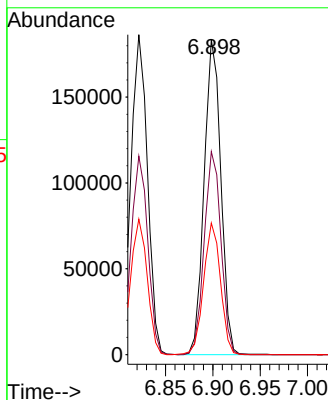
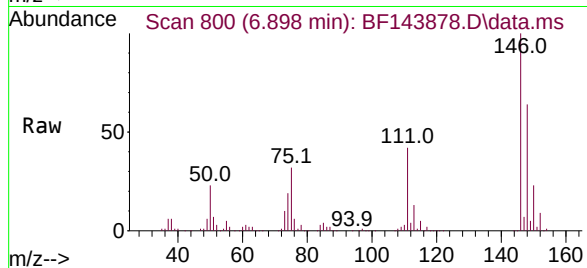
111 41.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 21.555 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

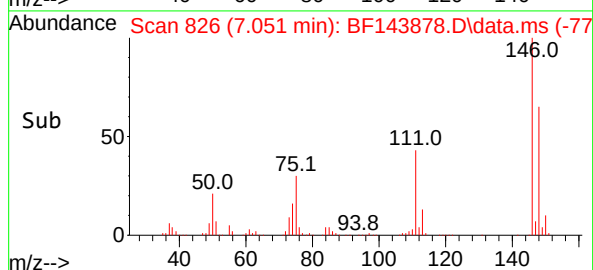
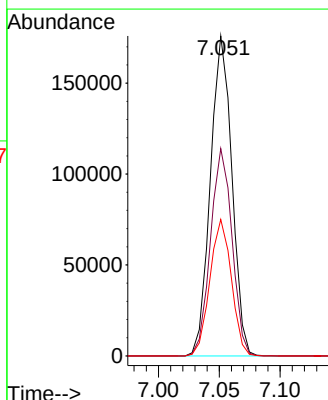
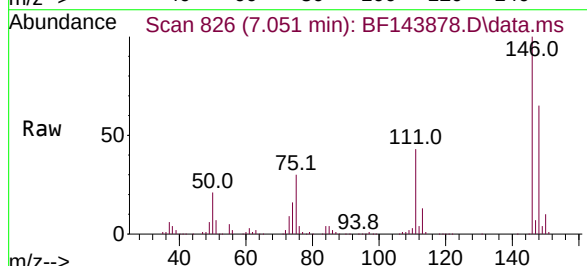
Tgt Ion:146 Resp: 216196

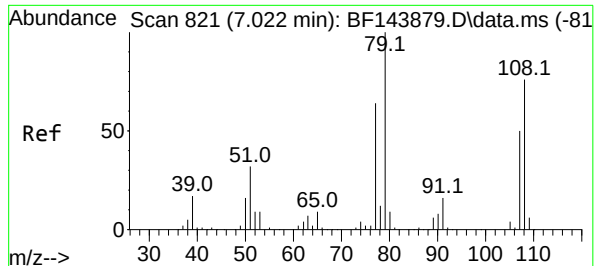
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

111 42.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 20.241 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 164008

Ion Ratio Lower Upper

79 100

108 73.6 60.8 91.2

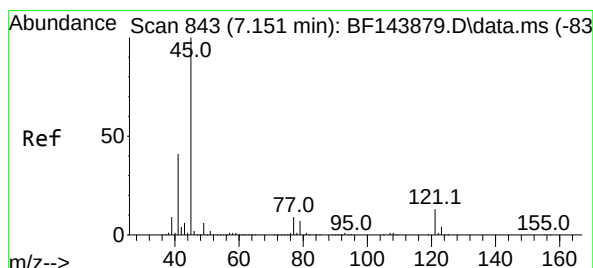
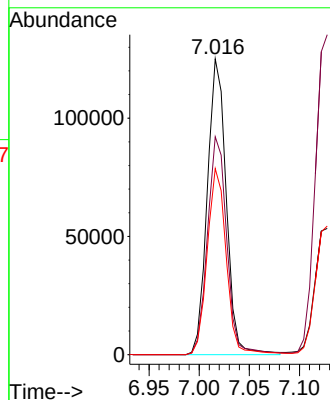
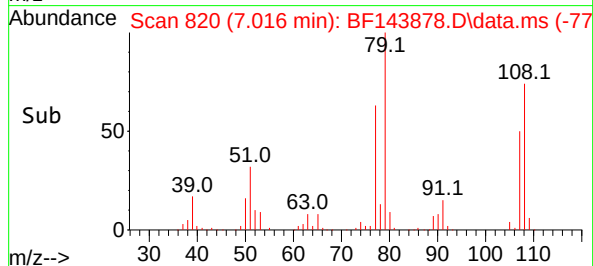
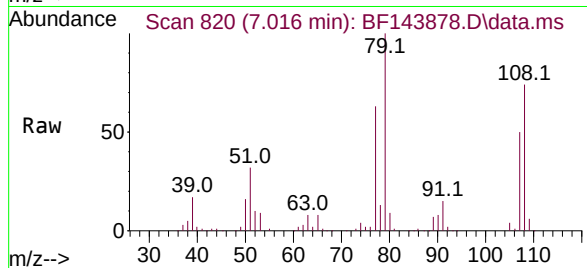
77 62.9 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.745 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

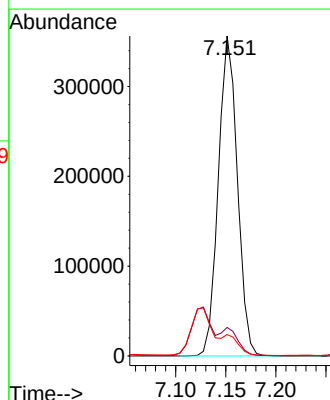
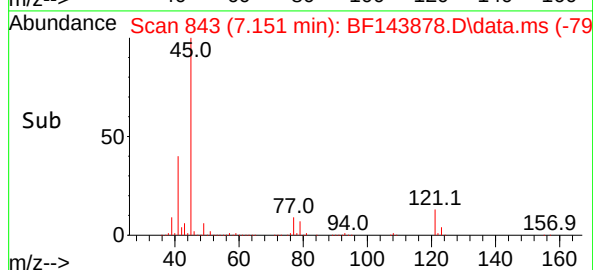
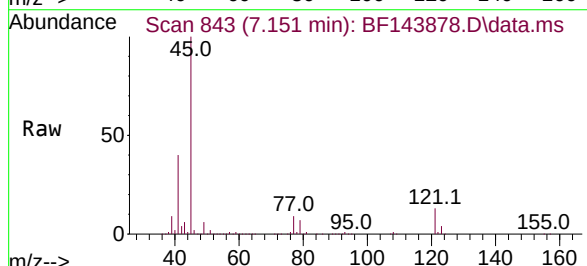
Tgt Ion: 45 Resp: 471598

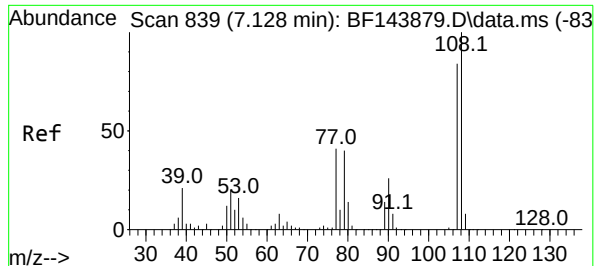
Ion Ratio Lower Upper

45 100

77 8.9 0.0 29.0

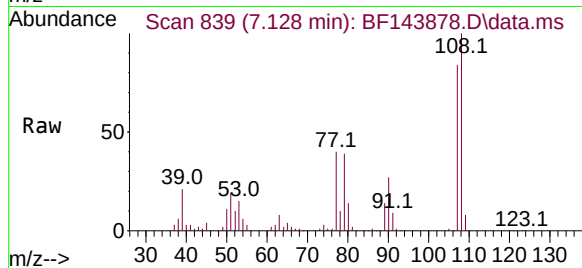
79 6.7 0.0 26.8





#17
2-Methylphenol
Concen: 20.616 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

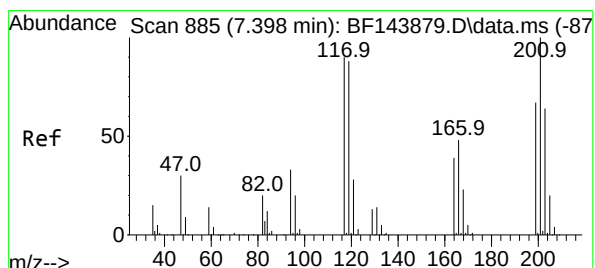
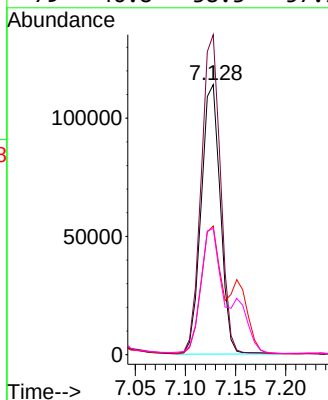
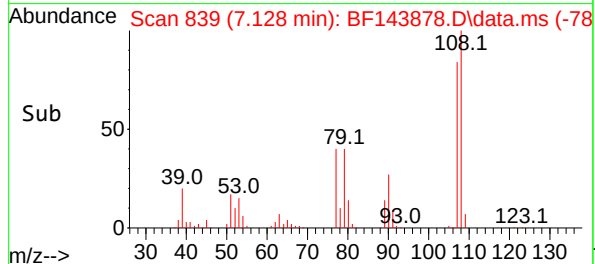
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



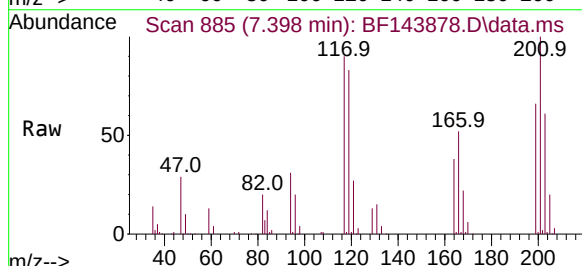
Tgt Ion:107 Resp: 151099
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 47.6 38.8 58.2
79 46.8 38.3 57.5

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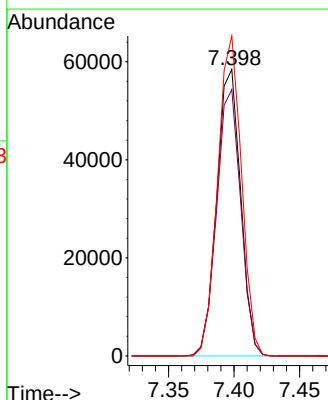
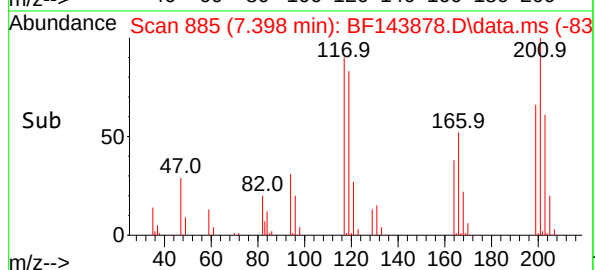
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

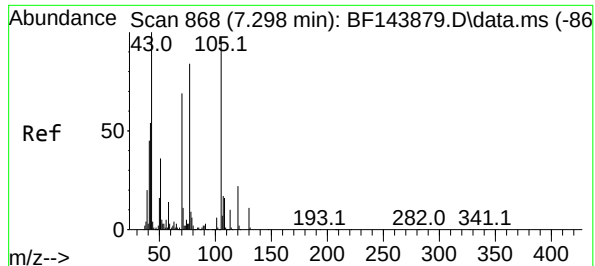


#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion:117 Resp: 74147
Ion Ratio Lower Upper
117 100
119 93.0 77.8 116.8
201 111.7 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 20.512 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 151838

Ion Ratio Lower Upper

70 100

42 79.7 62.8 94.2

101 8.5 6.7 10.1

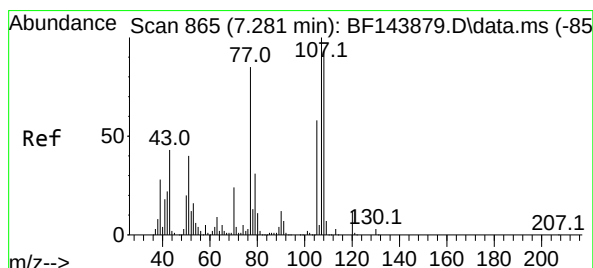
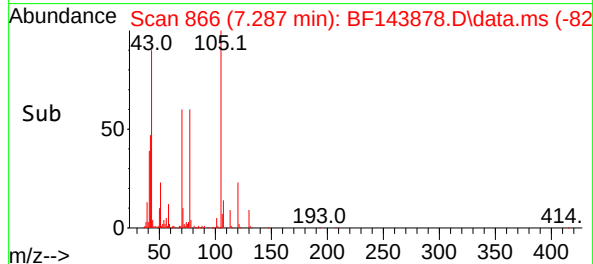
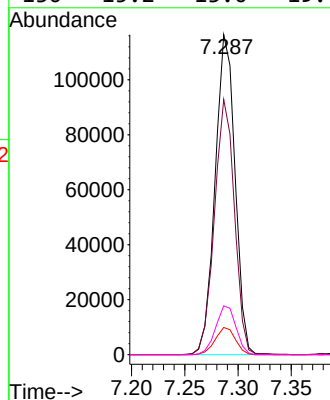
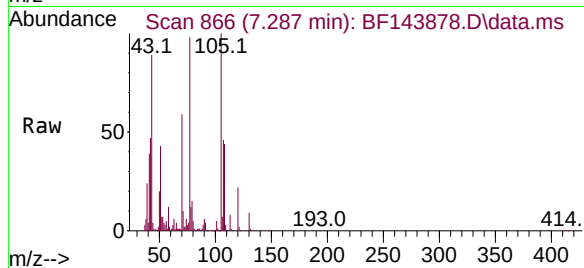
130 15.2 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 22.753 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 193273

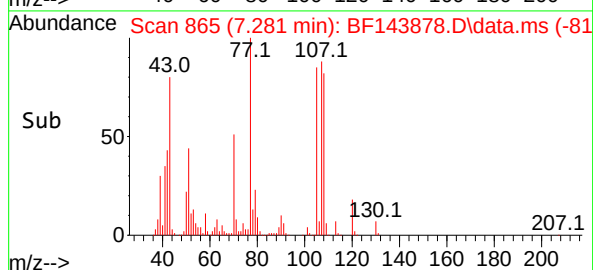
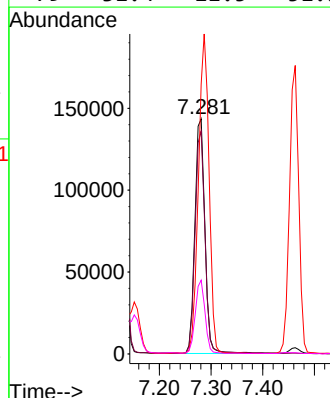
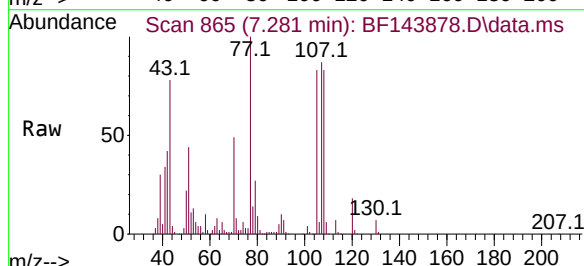
Ion Ratio Lower Upper

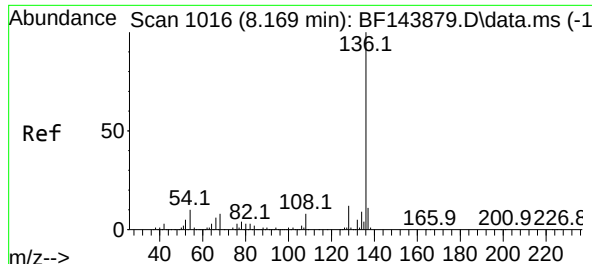
107 100

108 94.8 73.0 113.0

77 114.7 64.6 104.6#

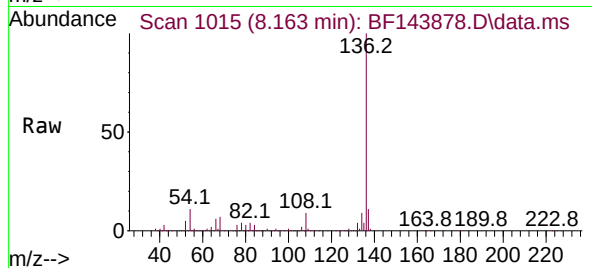
79 31.4 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

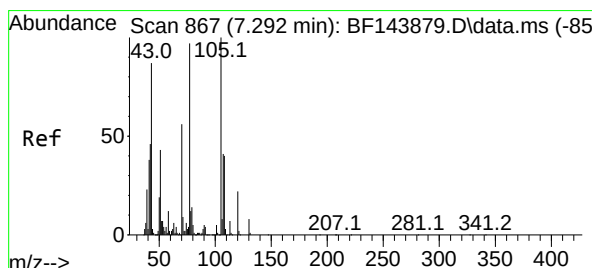
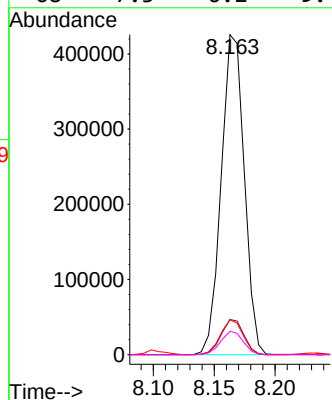
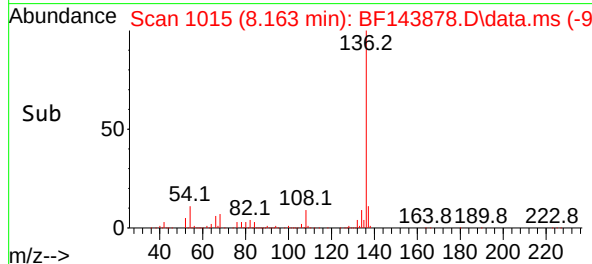
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 561772
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 8.2 12.4
68 7.3 6.2 9.4

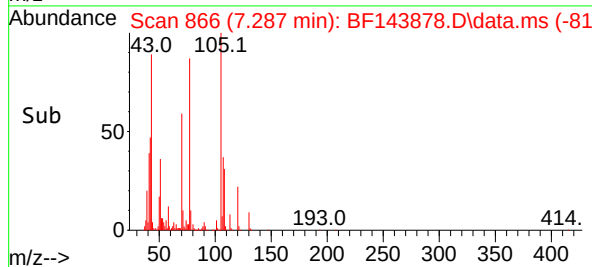
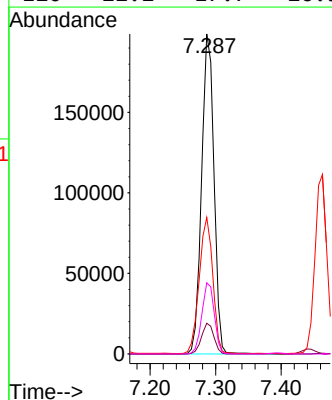
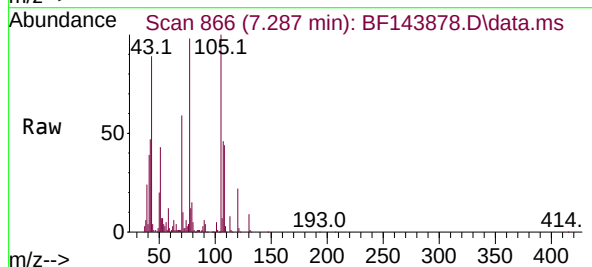
Manual Integrations
APPROVED

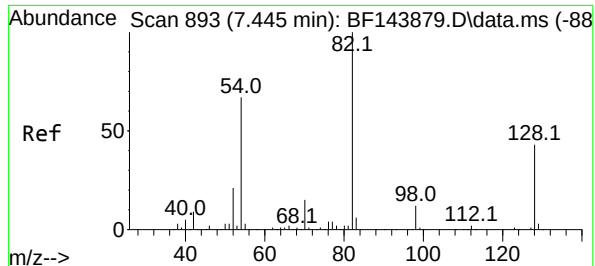
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 21.837 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382
Ion Ratio Lower Upper
105 100
71 9.6 7.4 11.0
51 42.6 34.2 51.4
120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 42.133 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

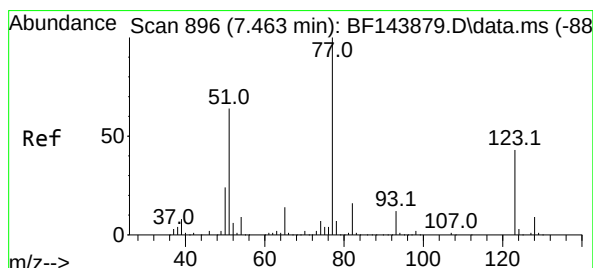
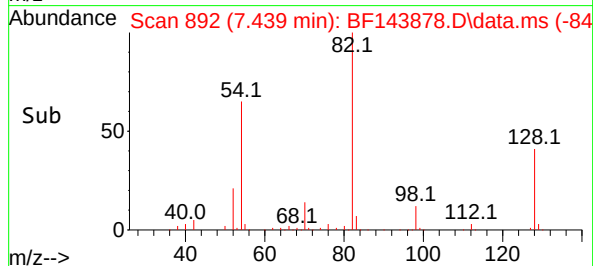
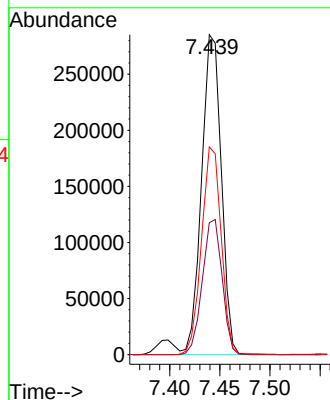
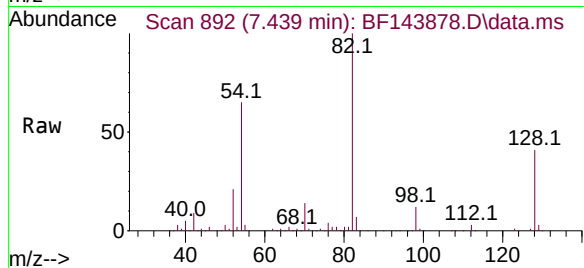
Tgt Ion: 82 Resp: 389584

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	64.9	53.2	79.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 21.279 ng

RT: 7.463 min Scan# 896

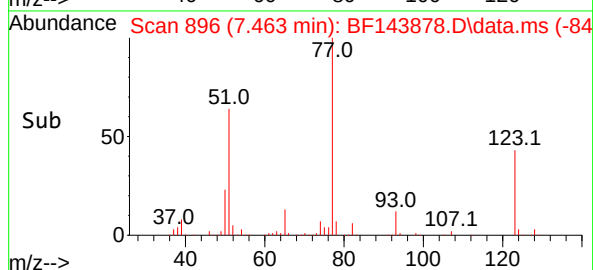
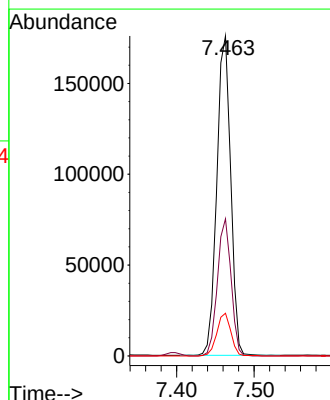
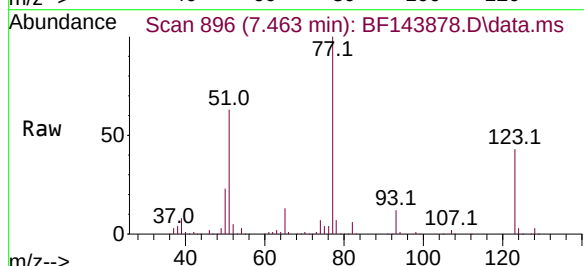
Delta R.T. -0.012 min

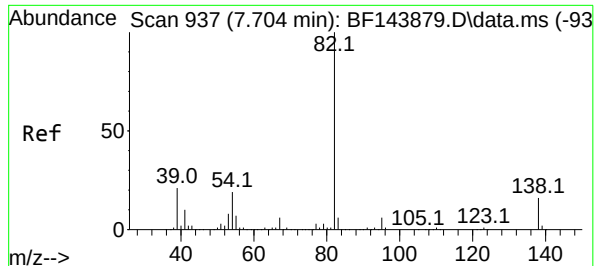
Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion: 77 Resp: 218497

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.3	11.0	16.6





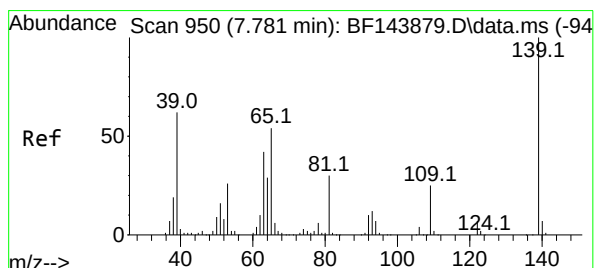
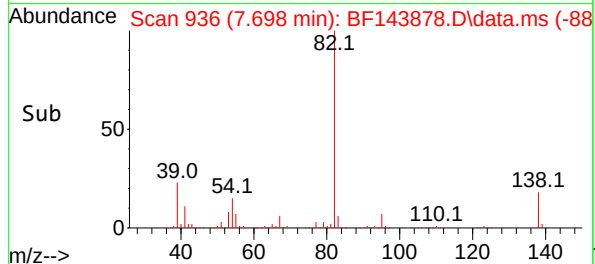
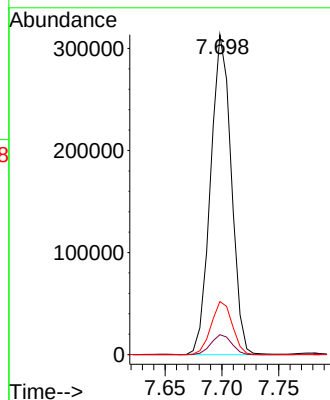
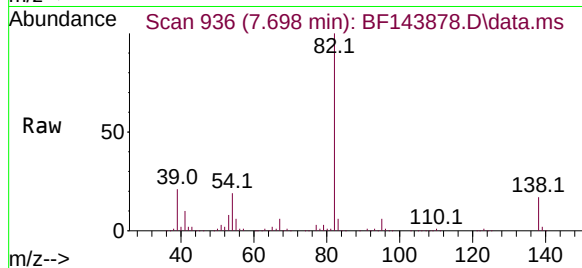
#25
Isophorone
Concen: 20.393 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
Client Sample Id :
SSTDICC020

Tgt Ion: 82 Resp: 397606
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.6 12.9 19.3

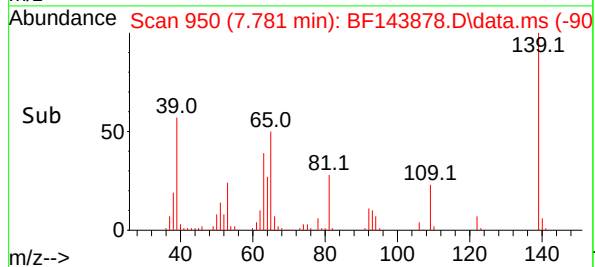
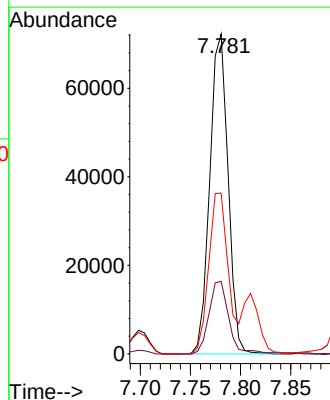
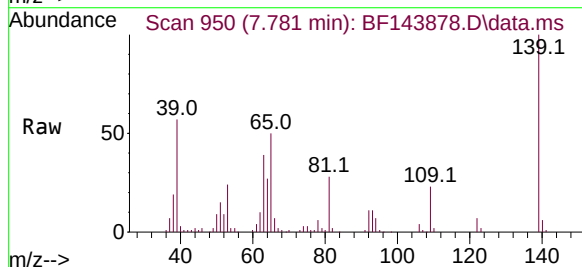
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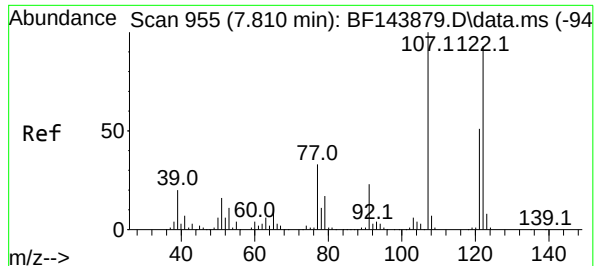
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 20.747 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:139 Resp: 91336
Ion Ratio Lower Upper
139 100
109 22.7 19.8 29.6
65 50.3 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 20.682 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

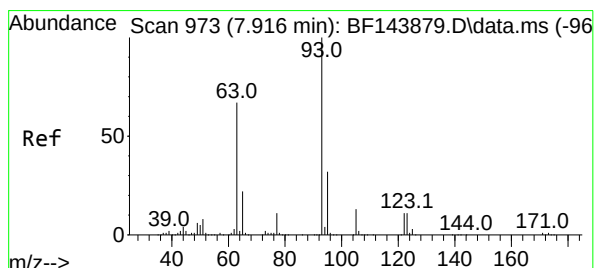
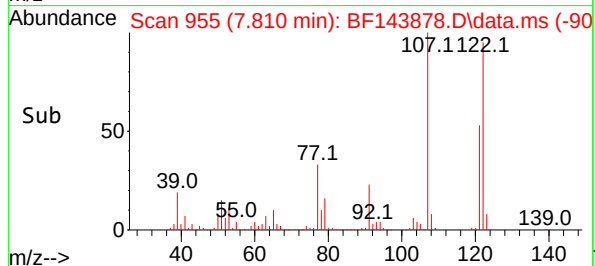
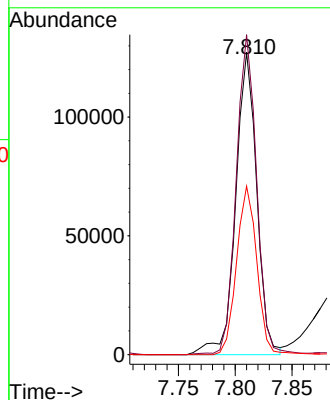
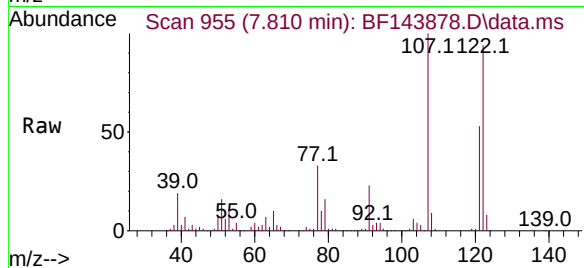
ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 163783
Ion Ratio Lower Upper
122 100
107 105.9 86.1 129.1
121 55.8 43.8 65.6

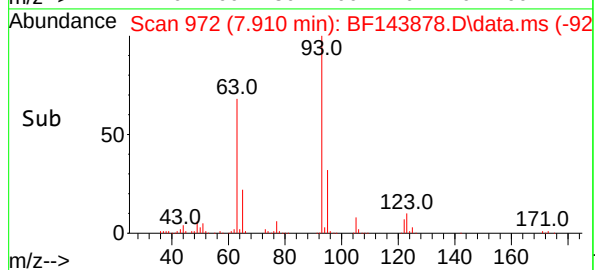
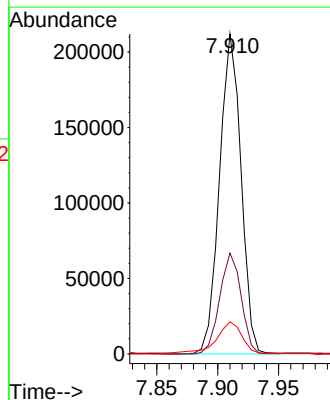
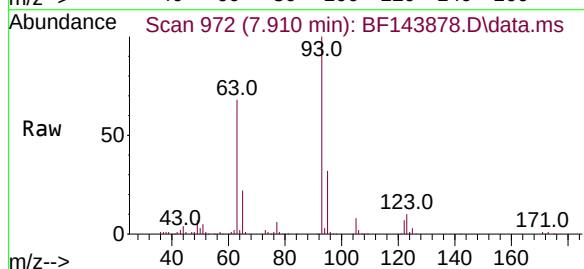
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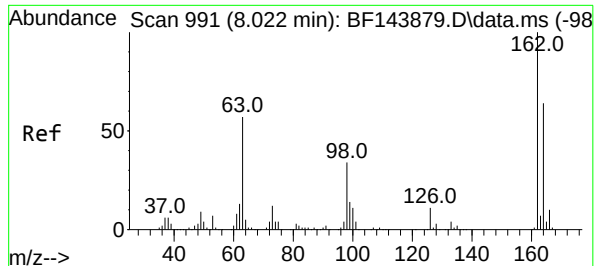
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 21.131 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 260252
Ion Ratio Lower Upper
93 100
95 31.5 25.9 38.9
123 10.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.328 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 175934

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

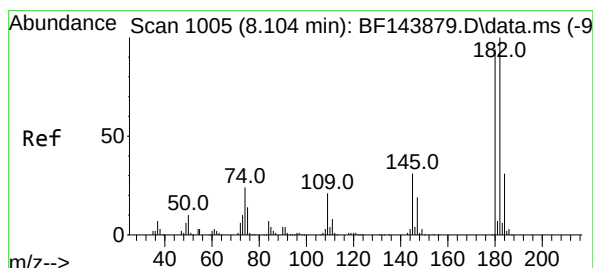
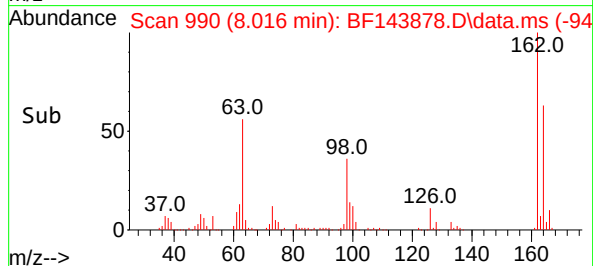
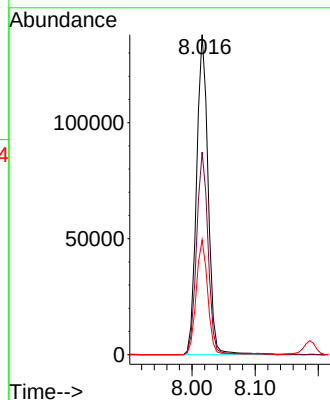
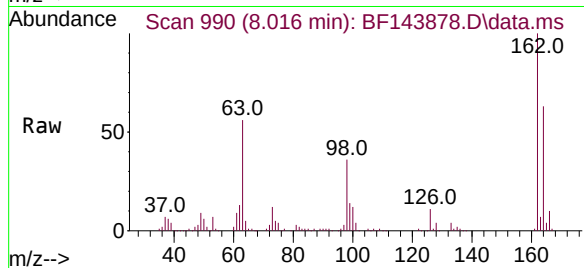
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.234 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

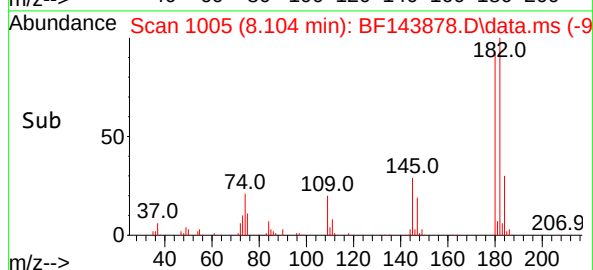
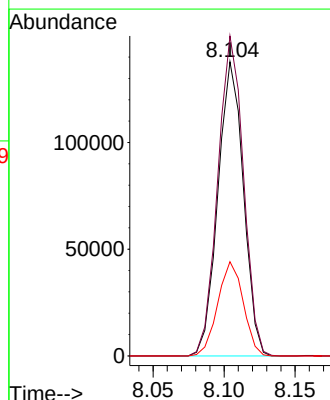
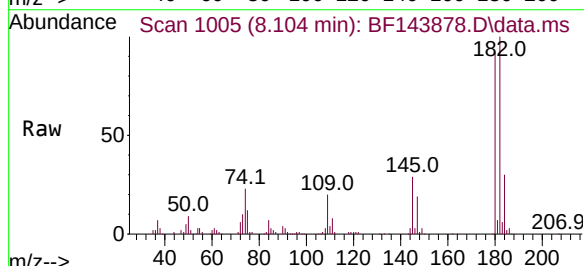
Tgt Ion:180 Resp: 172265

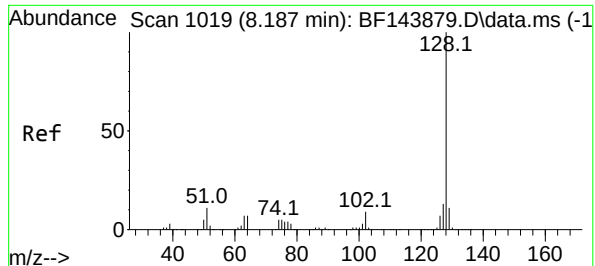
Ion Ratio Lower Upper

180 100

182 108.8 85.4 128.0

145 32.0 26.3 39.5





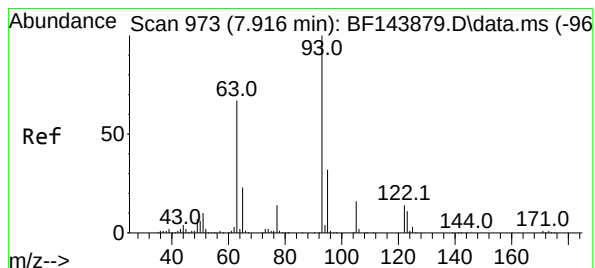
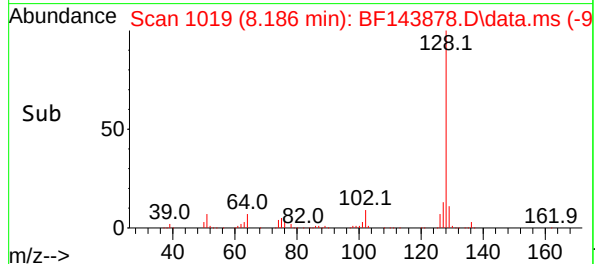
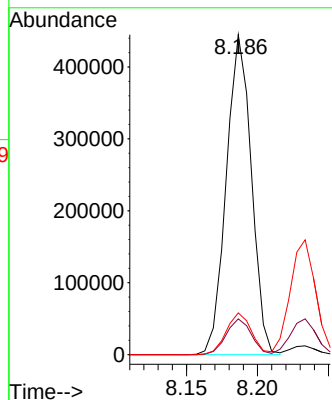
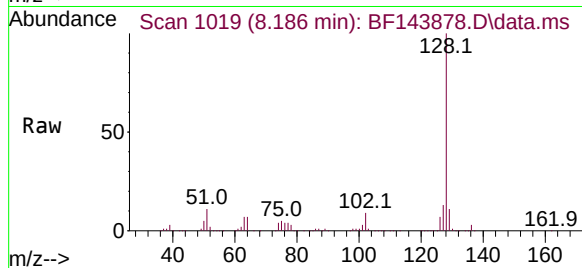
#31
Naphthalene
Concen: 21.365 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 54597
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.0 15.0

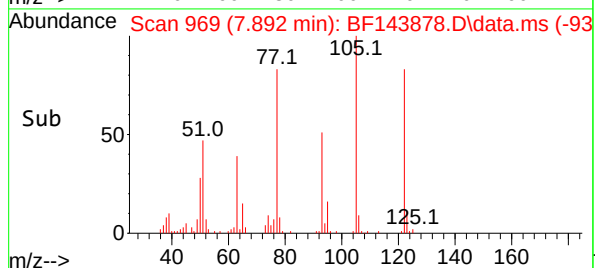
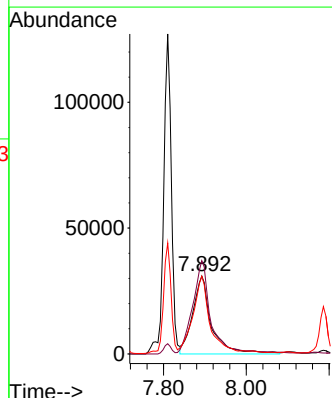
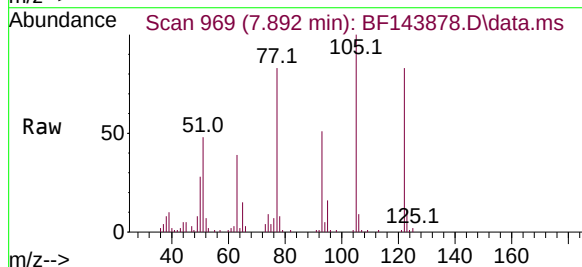
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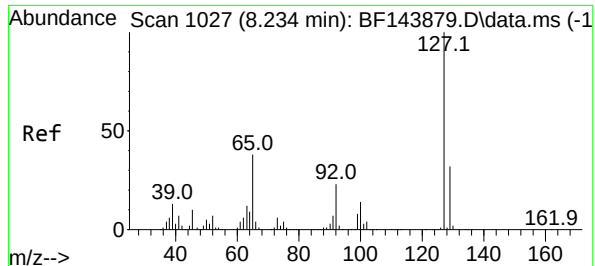
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#32
Benzoic acid
Concen: 17.912 ng m
RT: 7.892 min Scan# 969
Delta R.T. -0.071 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 98172
Ion Ratio Lower Upper
122 100
105 120.1 93.5 133.5
77 100.0 76.3 116.3





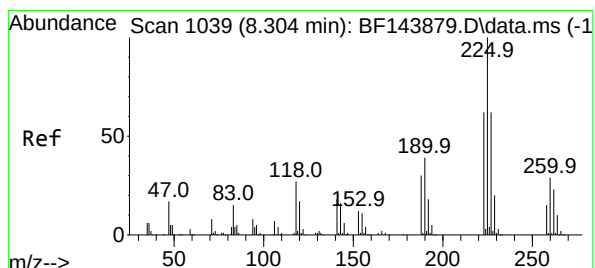
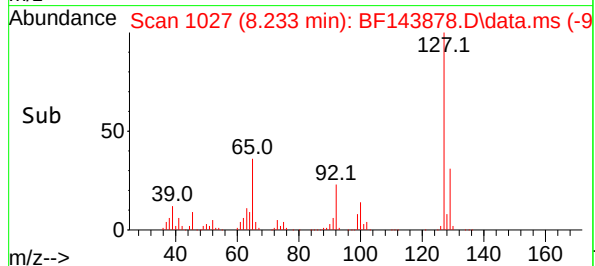
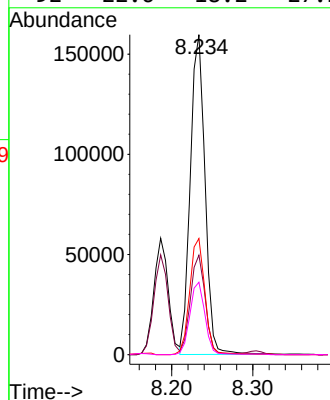
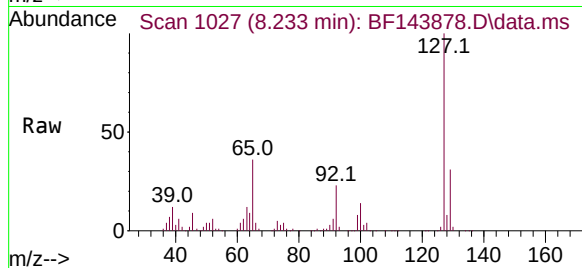
#33
4-Chloroaniline
Concen: 20.924 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:	127	Resp:	200549
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.8	38.8
65	36.3	30.0	45.0
92	22.6	18.2	27.2

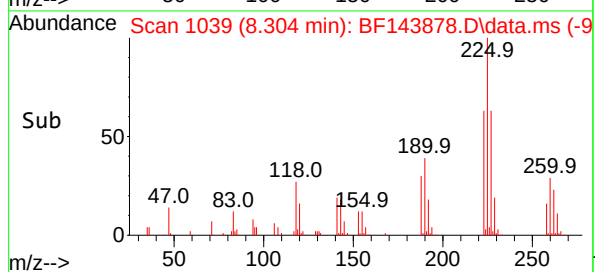
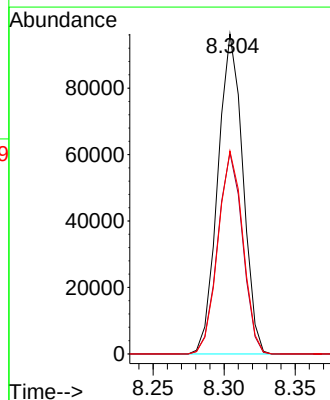
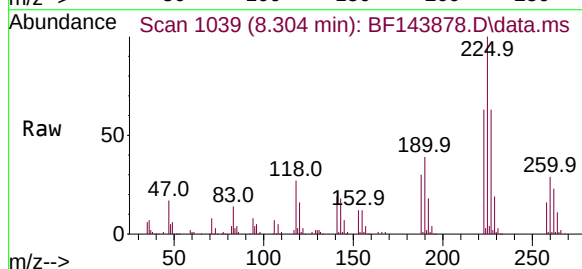
Manual Integrations
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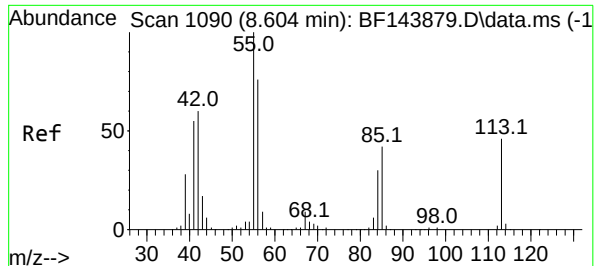
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 20.941 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:	225	Resp:	118056
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.4	74.2
227	63.4	49.7	74.5





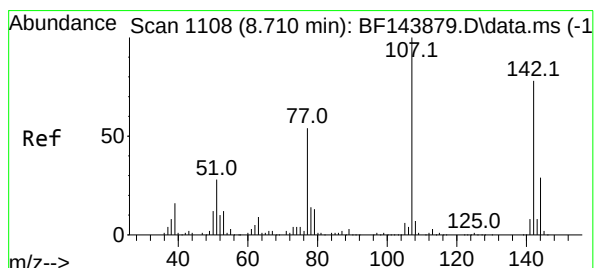
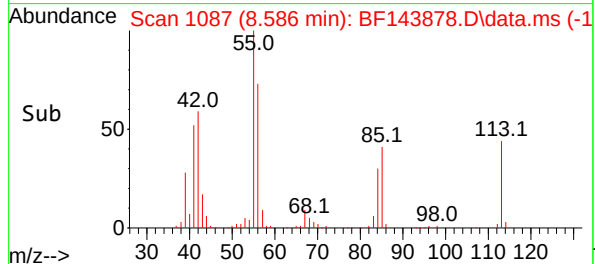
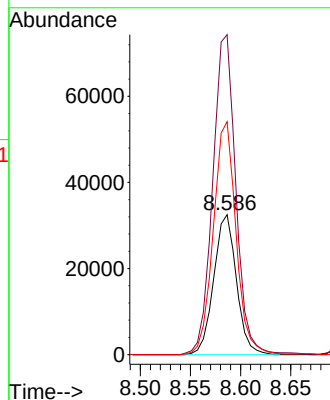
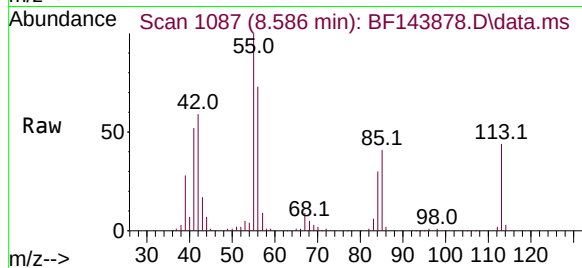
#35
Caprolactam
Concen: 19.505 ng
RT: 8.586 min Scan# 1090
Delta R.T. -0.059 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
Client Sample Id :
SSTDICC020

Tgt Ion:113 Resp: 51159
Ion Ratio Lower Upper
113 100
55 228.6 199.6 239.6
56 166.4 146.0 186.0

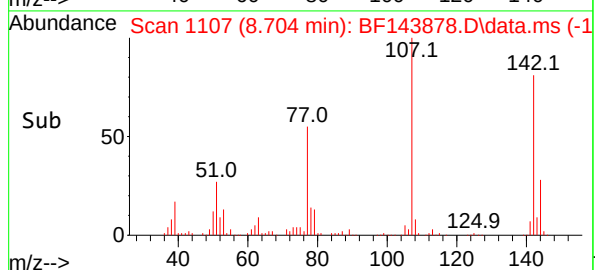
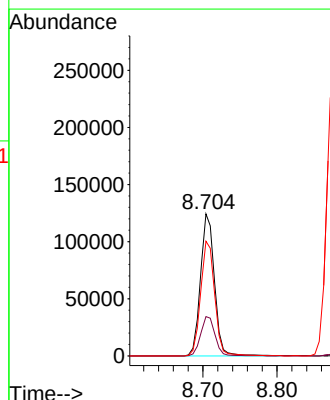
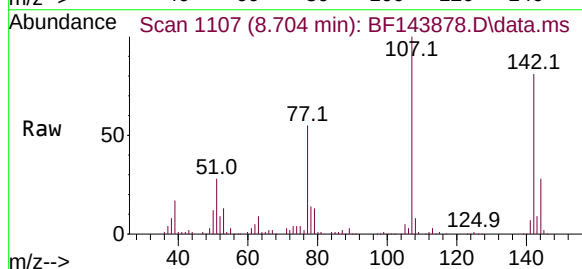
Manual Integrations
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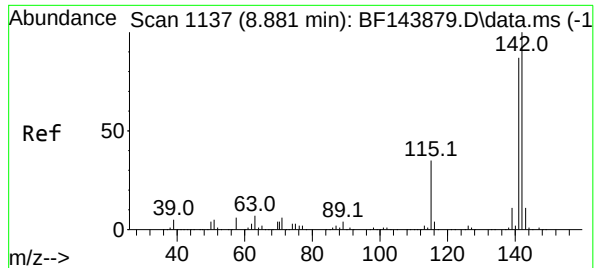
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 20.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 162629
Ion Ratio Lower Upper
107 100
144 27.7 23.1 34.7
142 80.8 62.6 94.0





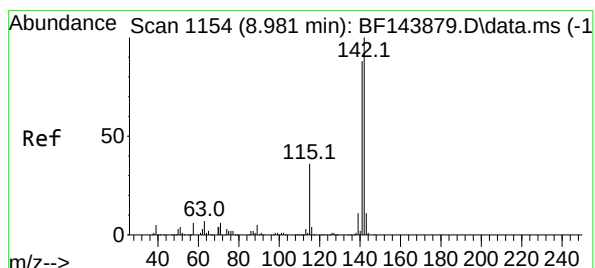
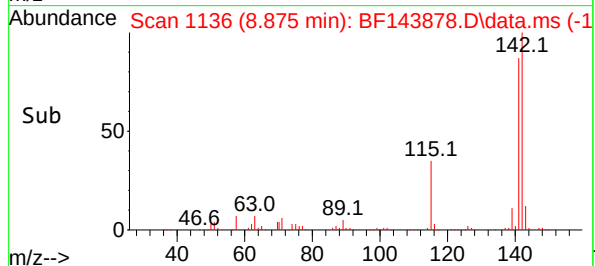
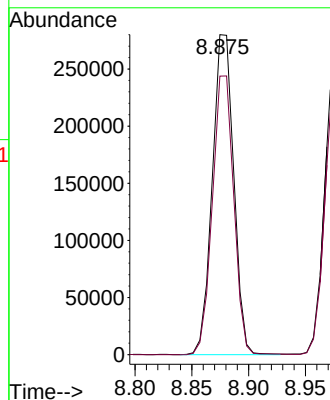
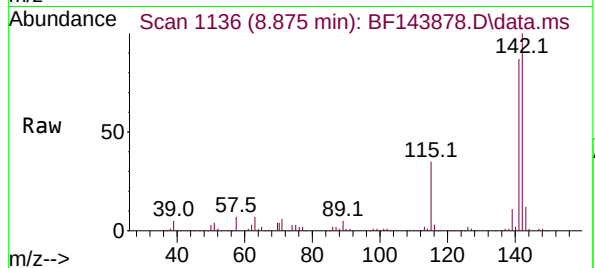
#37
2-Methylnaphthalene
Concen: 21.583 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 367401
Ion Ratio Lower Upper
142 100
141 87.0 69.2 103.8

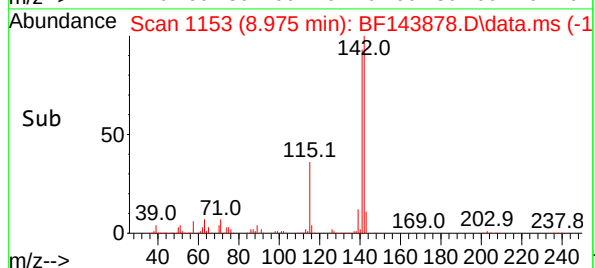
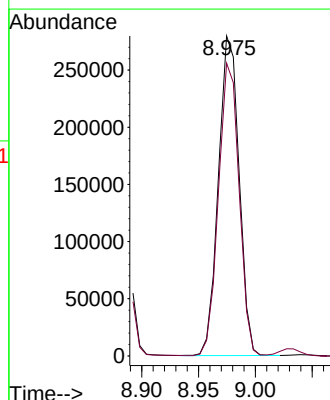
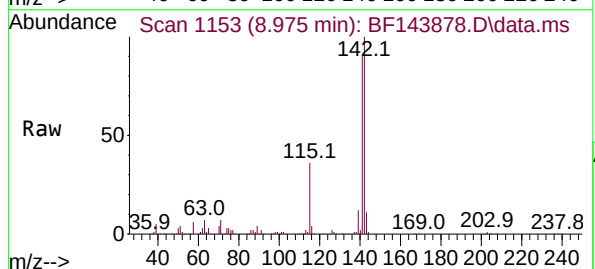
Manual Integrations
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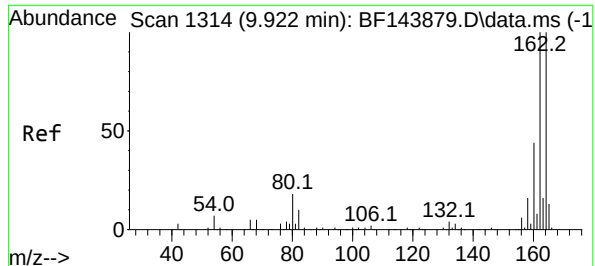
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 21.407 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 353459
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143878.D

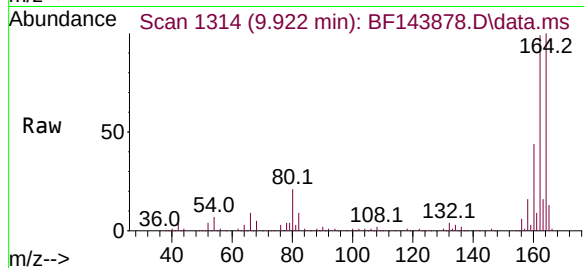
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 311297

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

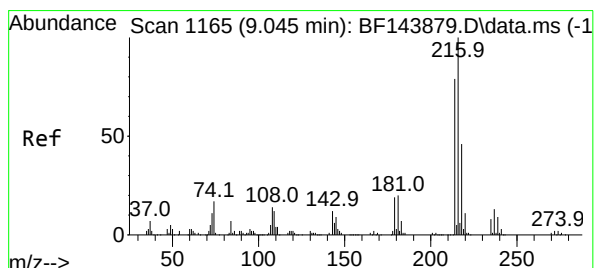
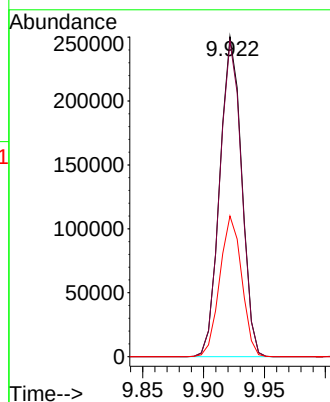
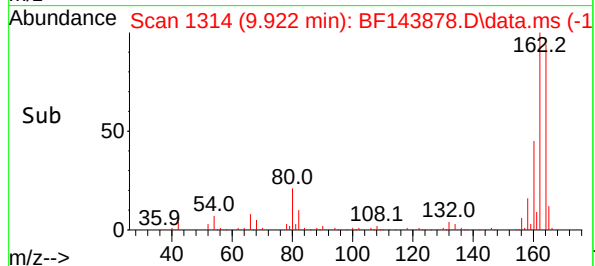
160 43.9 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

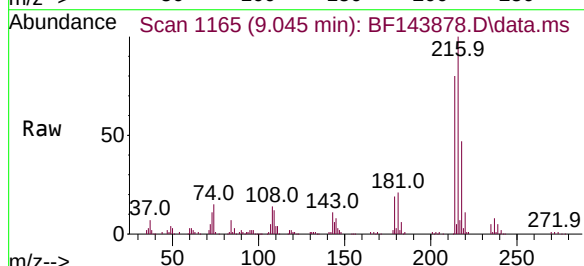
Concen: 21.523 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:216 Resp: 185181

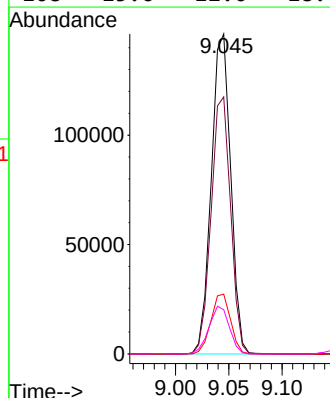
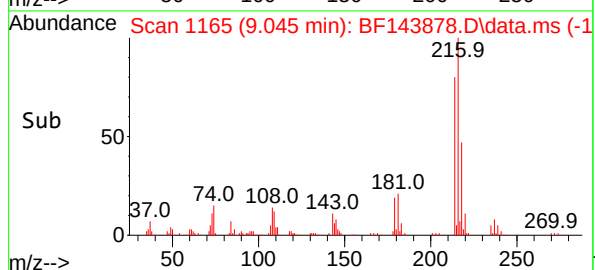
Ion Ratio Lower Upper

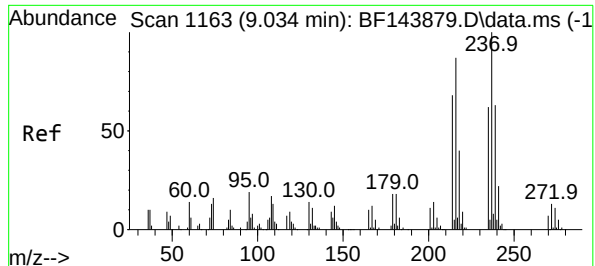
216 100

214 80.8 62.6 94.0

179 18.9 15.4 23.0

108 15.6 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 18.807 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

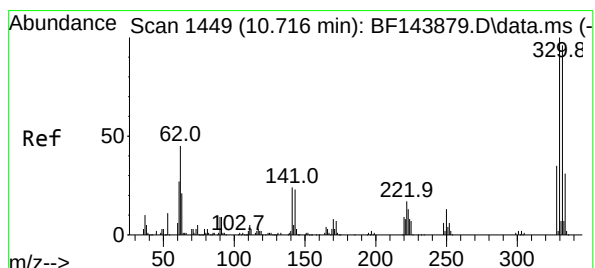
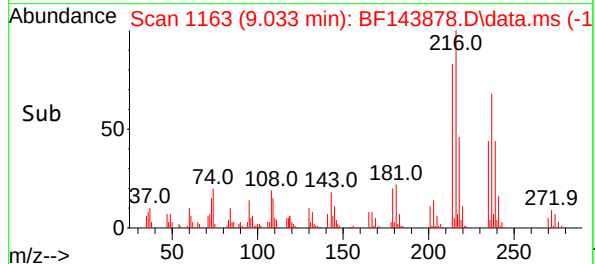
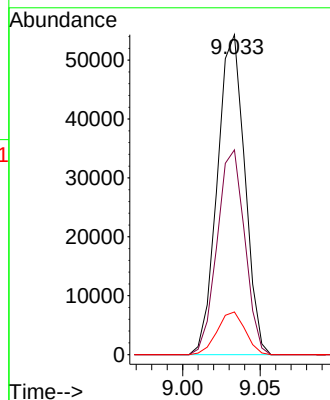
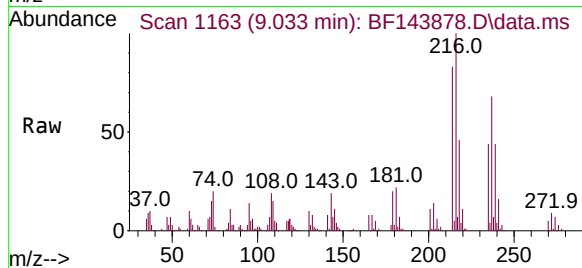
Tgt Ion:	237	Resp:	67128
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.3	82.3
272	13.4	0.0	33.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#42

2,4,6-Tribromophenol

Concen: 42.114 ng

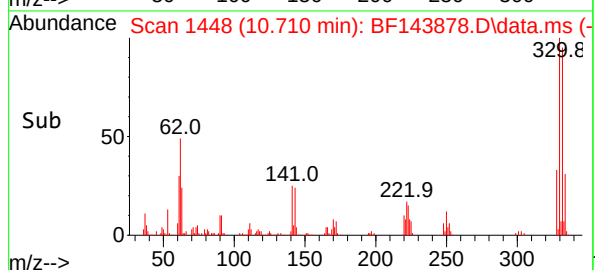
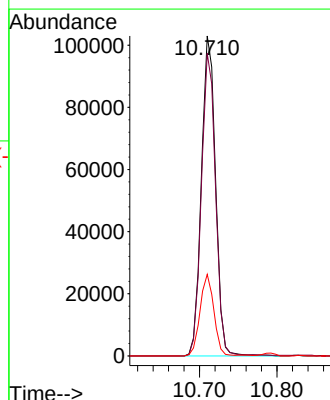
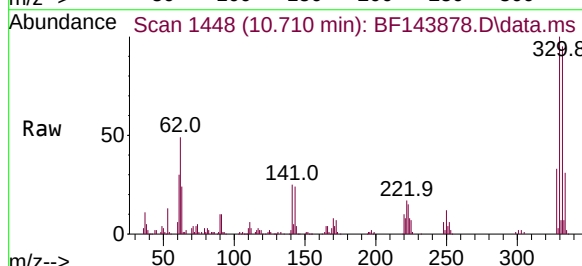
RT: 10.710 min Scan# 1448

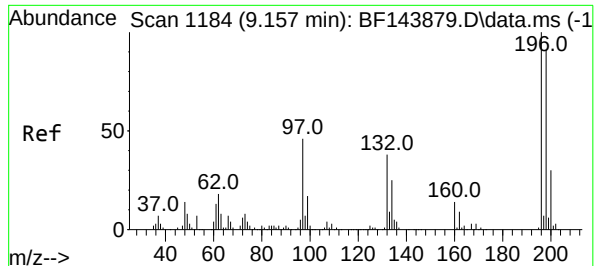
Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:	330	Resp:	130577
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.9	115.3
141	24.8	20.2	30.4





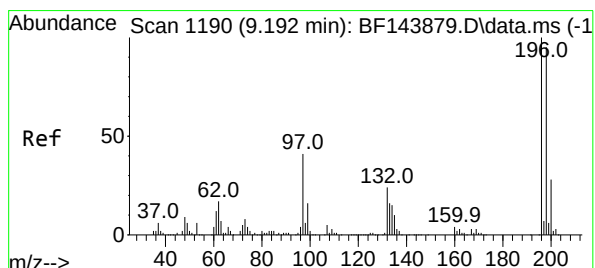
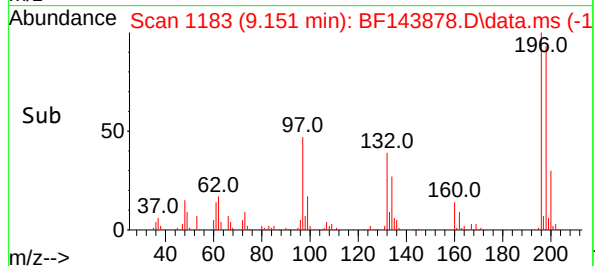
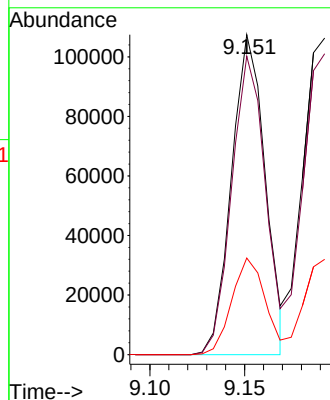
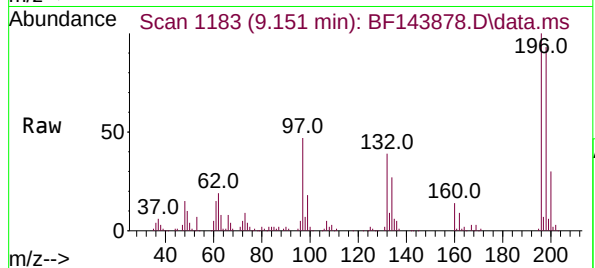
#43
2,4,6-Trichlorophenol
Concen: 21.116 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 13274
Ion Ratio Lower Upper
196 100
198 93.3 72.8 109.2
200 30.2 24.0 36.0

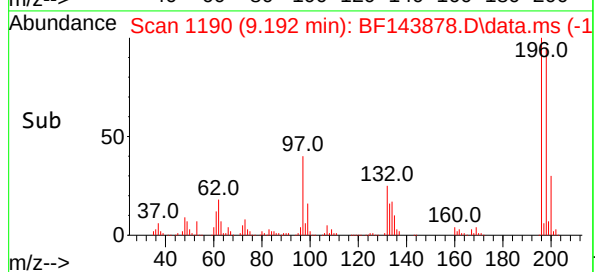
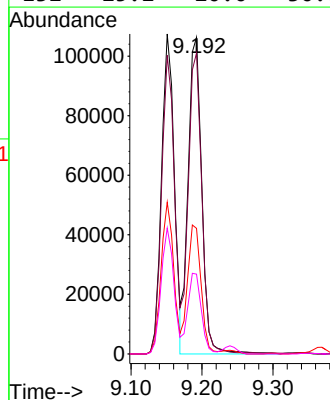
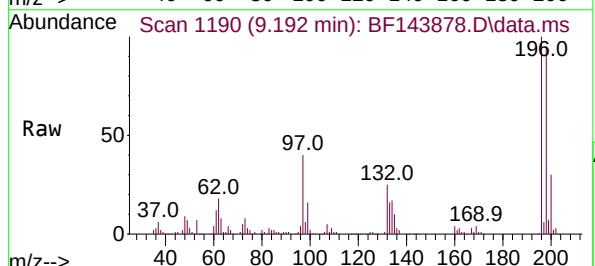
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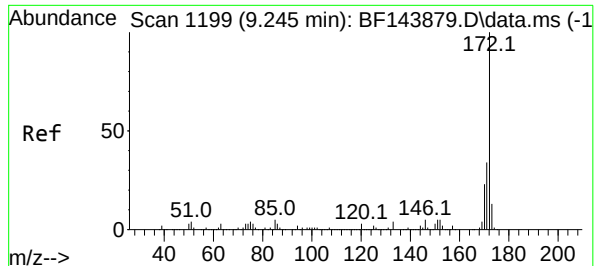
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#44
2,4,5-Trichlorophenol
Concen: 21.532 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:196 Resp: 143043
Ion Ratio Lower Upper
196 100
198 95.0 75.5 113.3
97 39.6 33.9 50.9
132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 42.367 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 831185

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

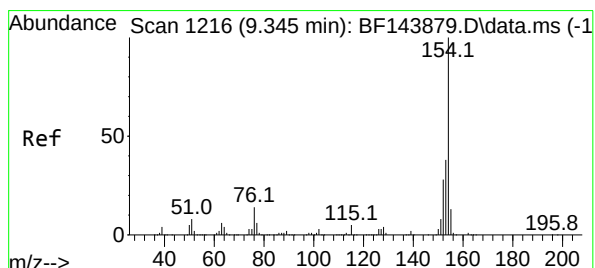
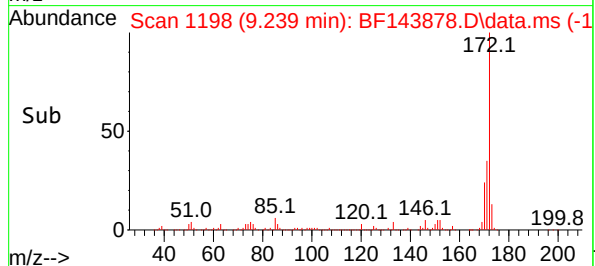
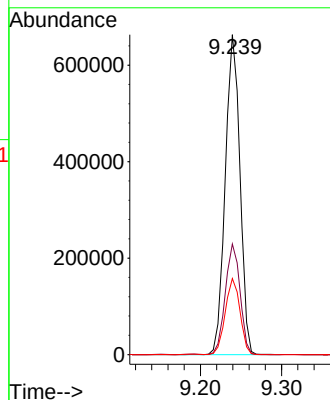
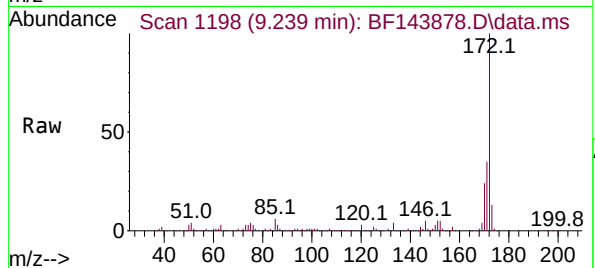
170 23.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 21.868 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

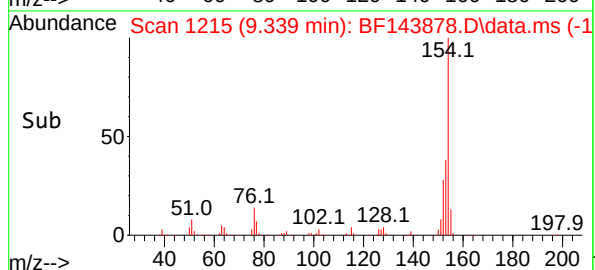
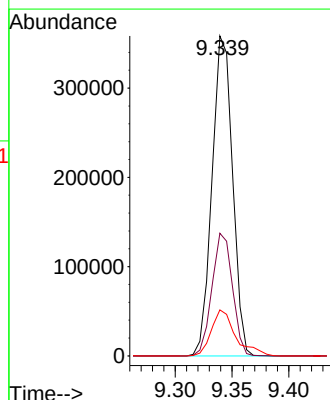
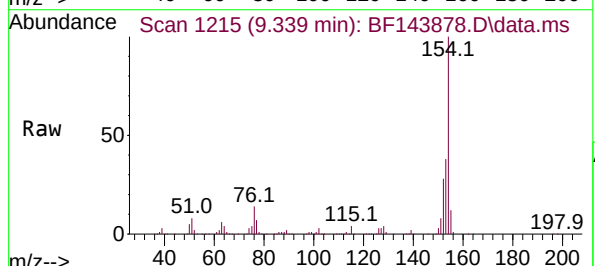
Tgt Ion:154 Resp: 450706

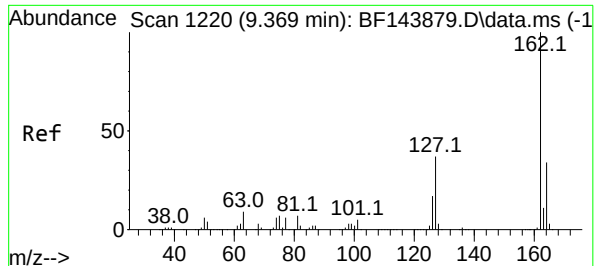
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 21.679 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143878.D

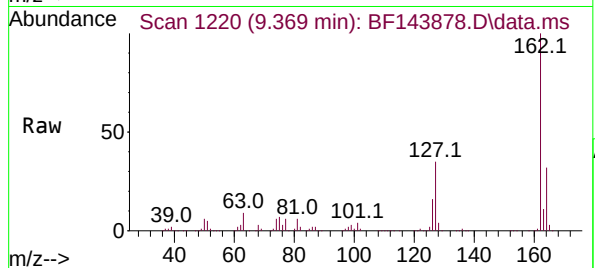
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 37253

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

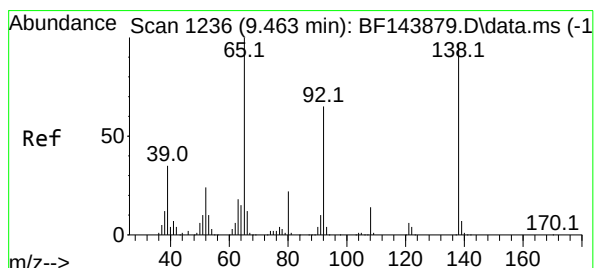
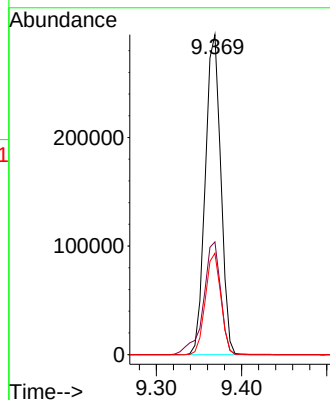
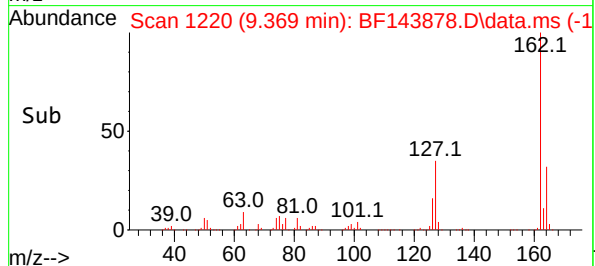
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

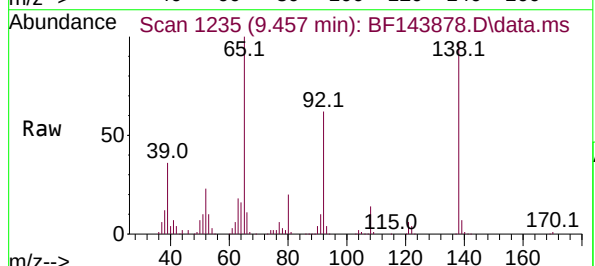
Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



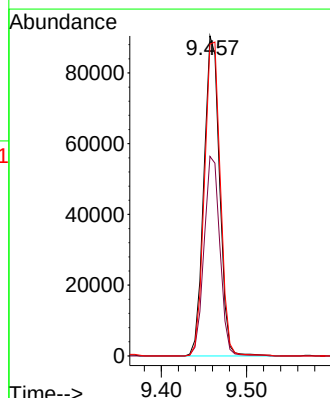
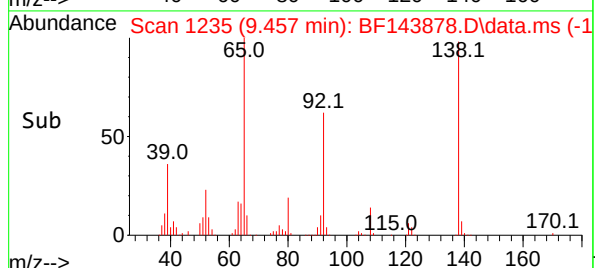
Tgt Ion: 65 Resp: 115519

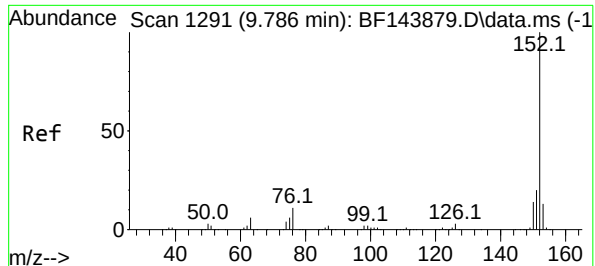
Ion Ratio Lower Upper

65 100

92 62.3 52.1 78.1

138 97.4 77.4 116.2





#49

Acenaphthylene

Concen: 21.234 ng

RT: 9.780 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 512980

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

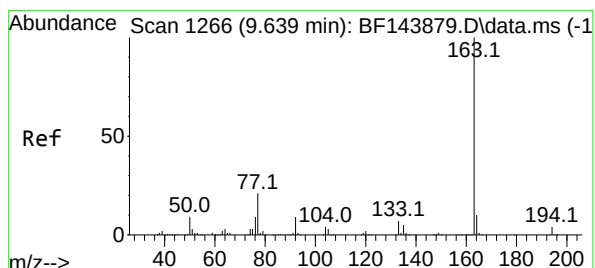
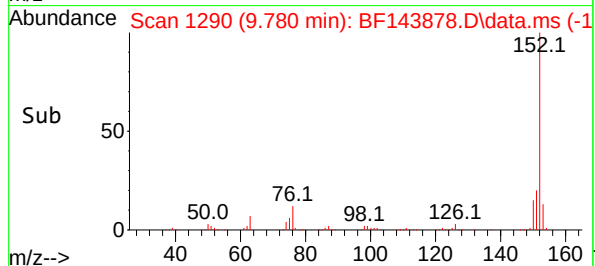
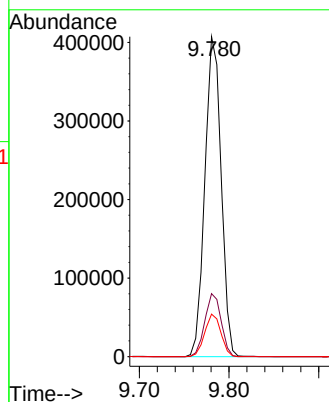
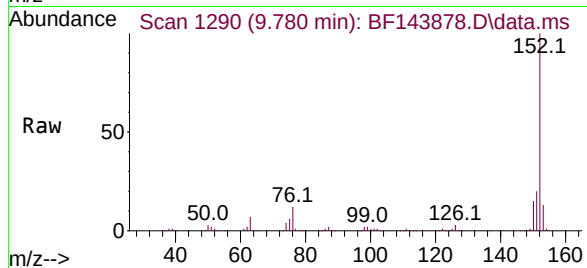
153 13.3 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

Concen: 21.011 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

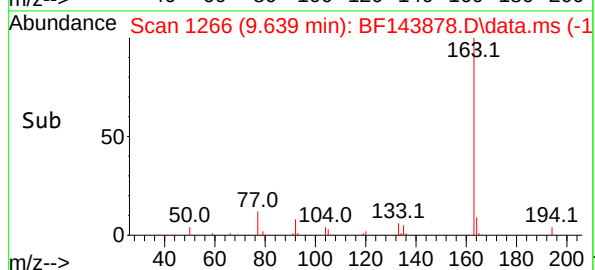
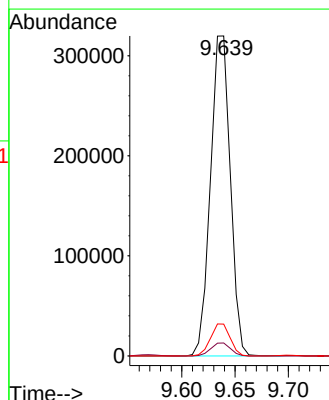
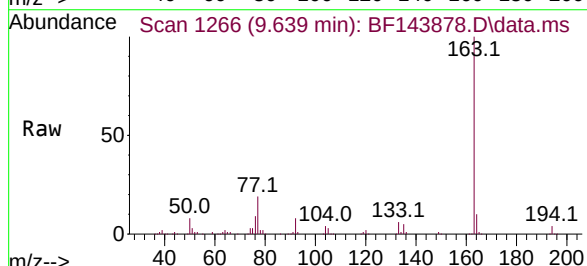
Tgt Ion:163 Resp: 415359

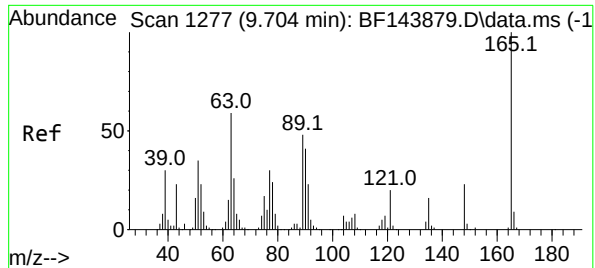
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

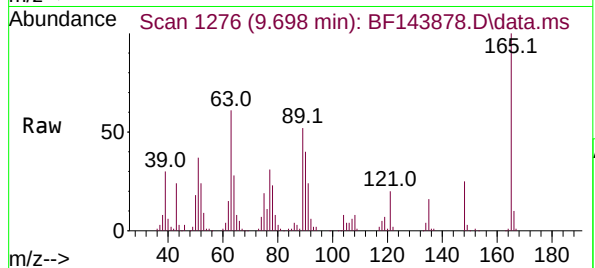
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 20.831 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

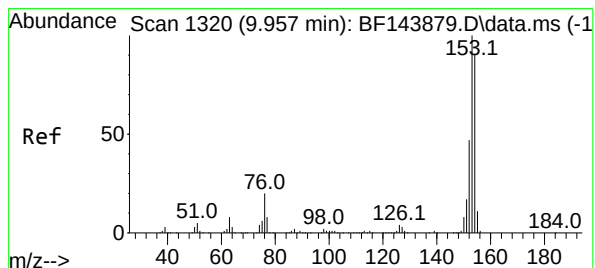
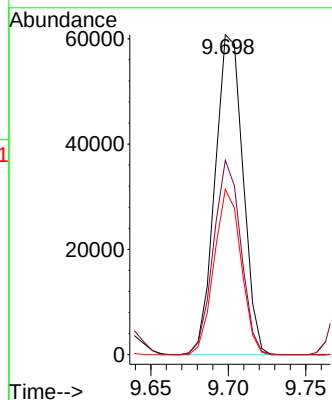
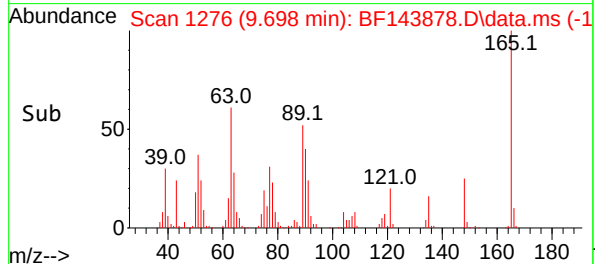
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 76360
Ion Ratio Lower Upper
165 100
63 60.7 47.3 70.9
89 51.7 38.2 57.4

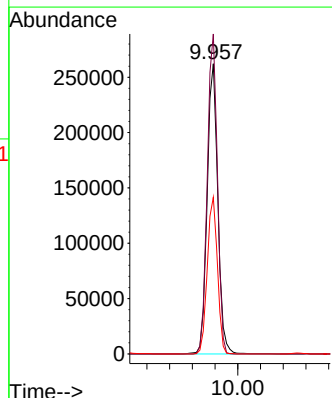
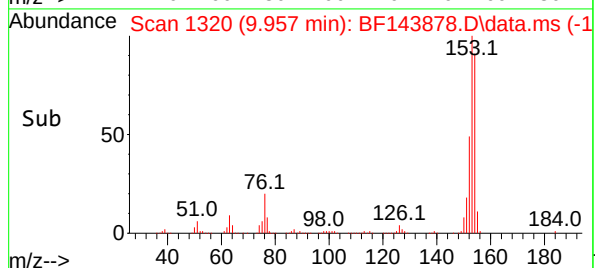
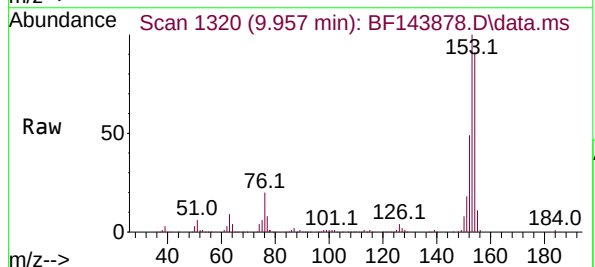
Manual Integrations
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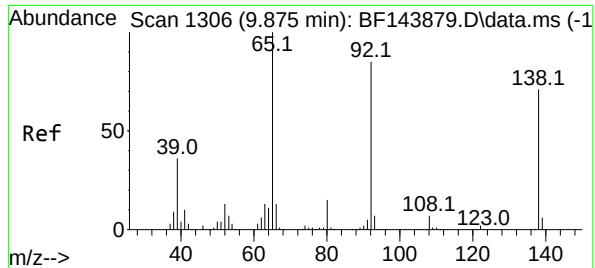
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 21.545 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066
Ion Ratio Lower Upper
154 100
153 110.3 89.3 133.9
152 54.0 42.2 63.2





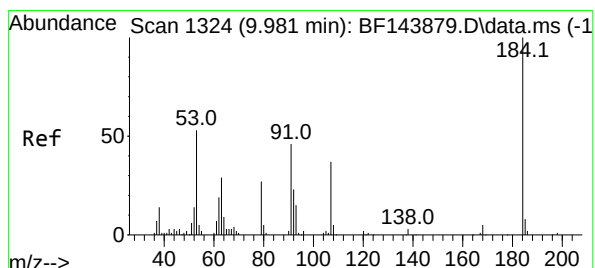
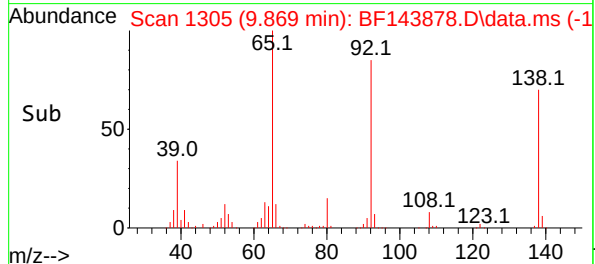
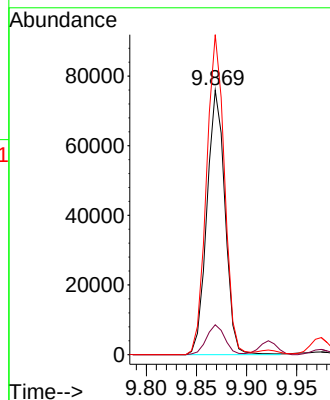
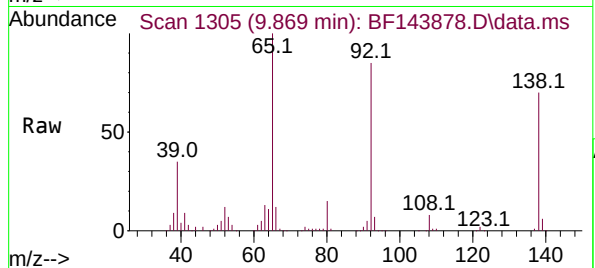
#53
3-Nitroaniline
Concen: 21.194 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 95127
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 121.0 96.2 144.2

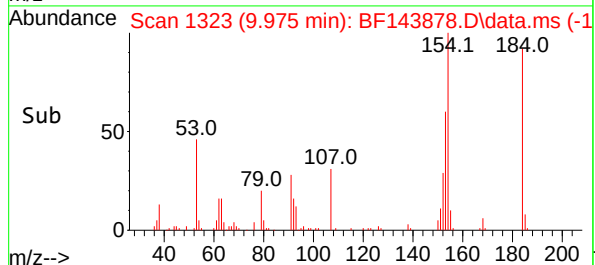
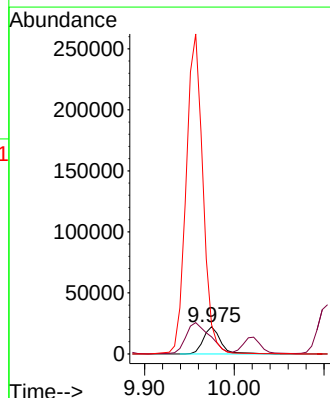
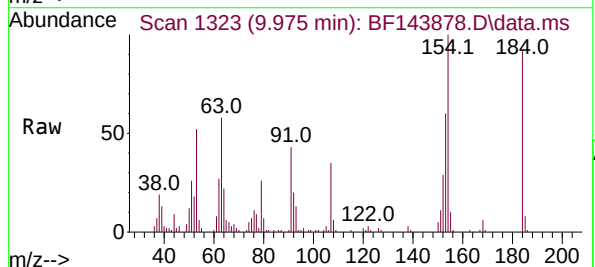
Manual Integrations
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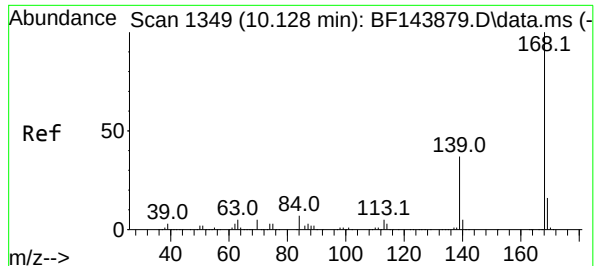
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 18.734 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:184 Resp: 29199
Ion Ratio Lower Upper
184 100
63 63.1 48.2 72.4
154 108.6 49.2 73.8#





#55

Dibenzenofuran

Concen: 21.894 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 489250

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

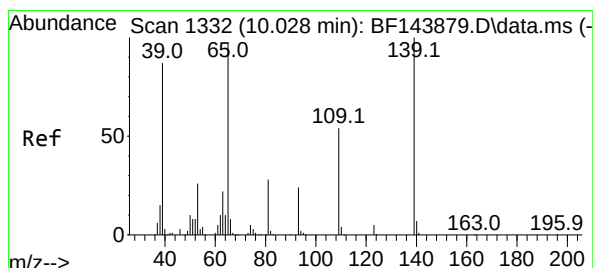
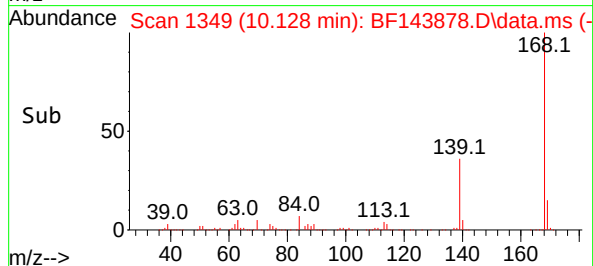
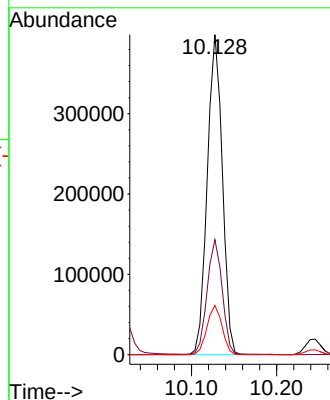
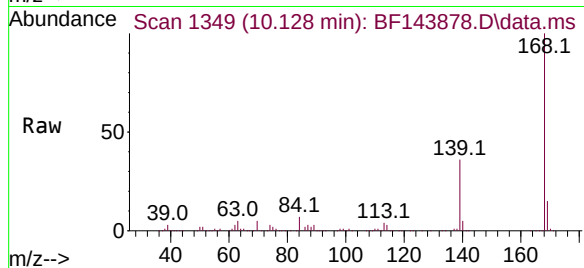
169 15.4 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 19.694 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

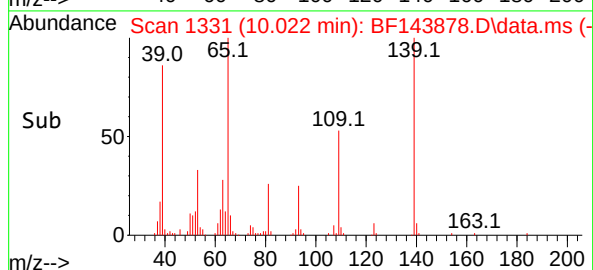
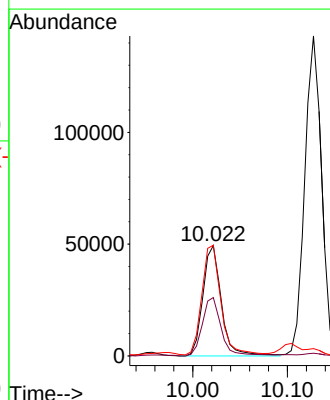
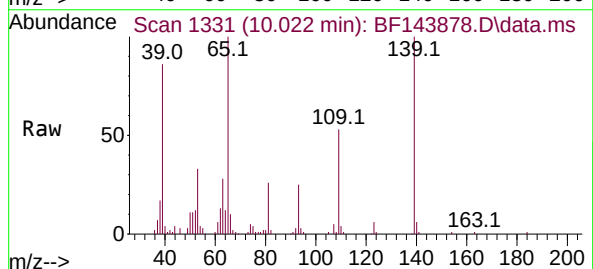
Tgt Ion:139 Resp: 66930

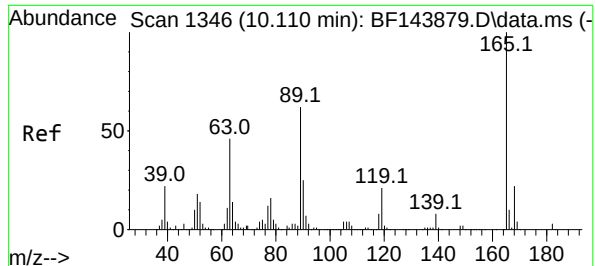
Ion Ratio Lower Upper

139 100

109 52.9 34.5 74.5

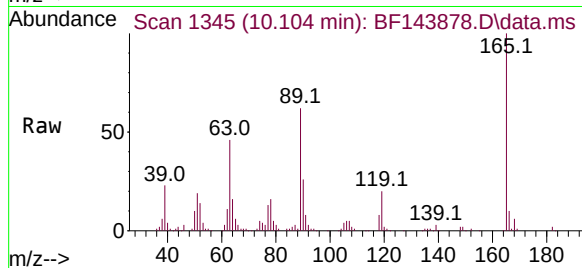
65 100.3 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 21.280 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

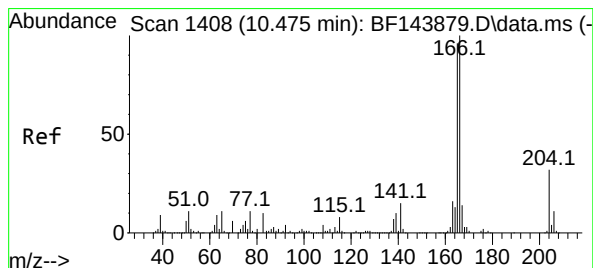
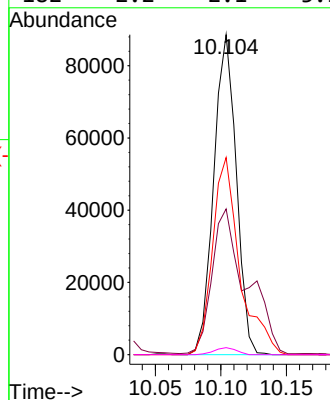
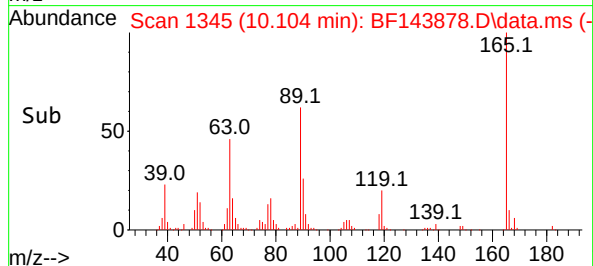
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 106136
Ion Ratio Lower Upper
165 100
63 45.5 37.2 55.8
89 61.6 49.4 74.2
182 2.2 2.1 3.1

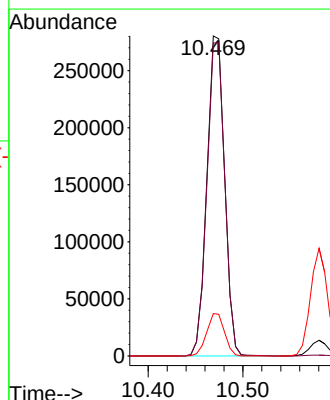
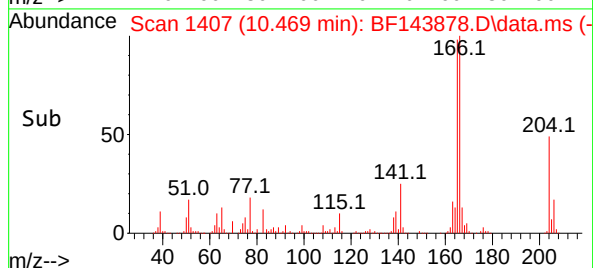
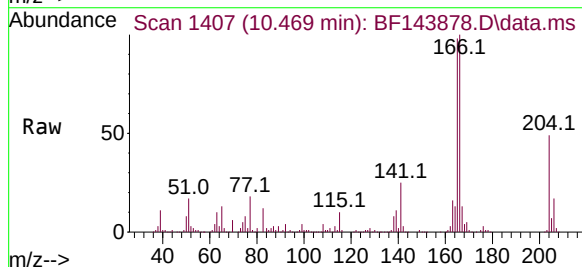
Manual Integrations
APPROVED

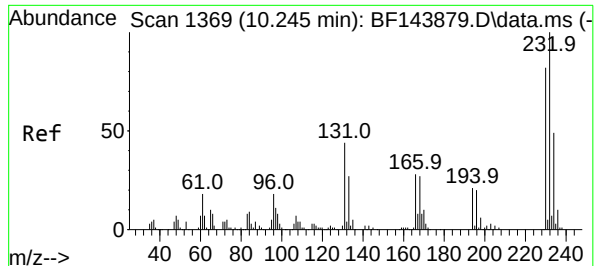
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 21.659 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

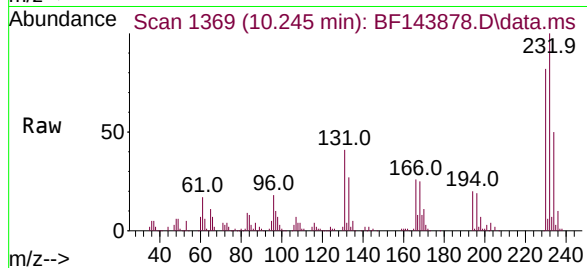
Tgt Ion:166 Resp: 365206
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.869 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

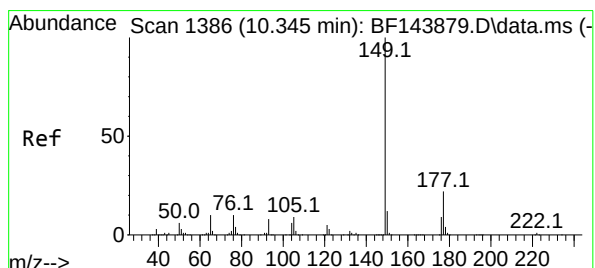
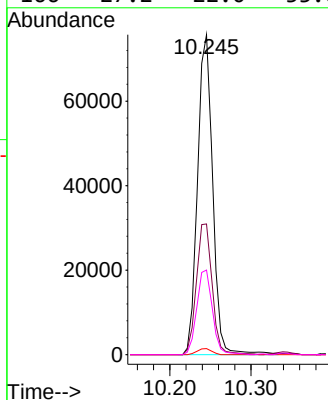
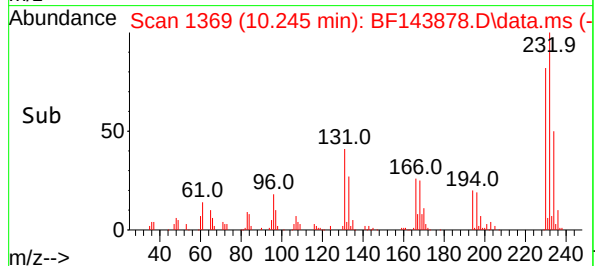
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



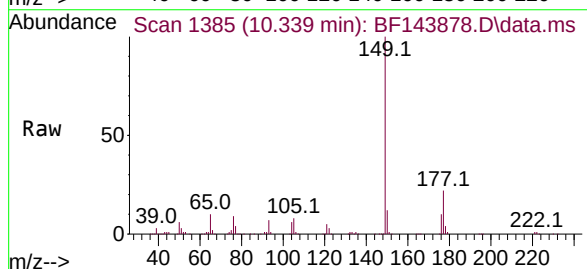
Tgt Ion:232 Resp: 98138
Ion Ratio Lower Upper
232 100
131 42.6 34.9 52.3
130 1.8 1.6 2.4
166 27.2 22.0 33.0

Manual Integrations
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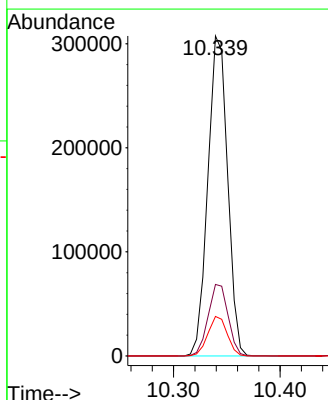
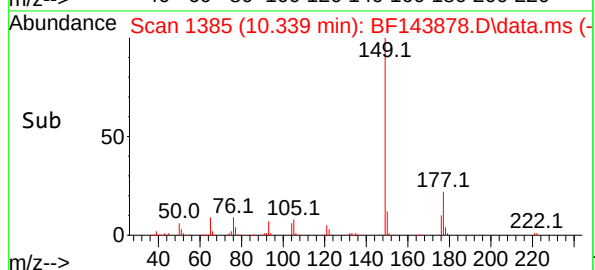
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

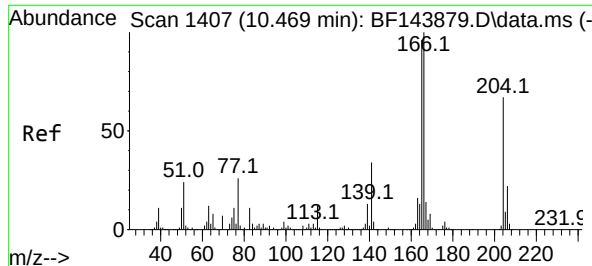


#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



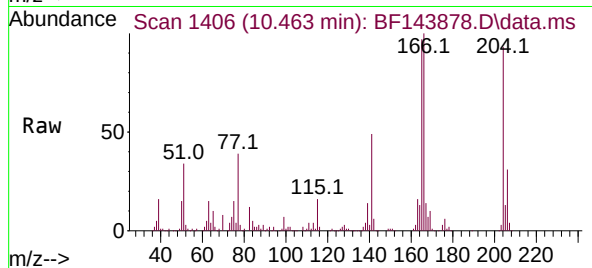
Tgt Ion:149 Resp: 396233
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

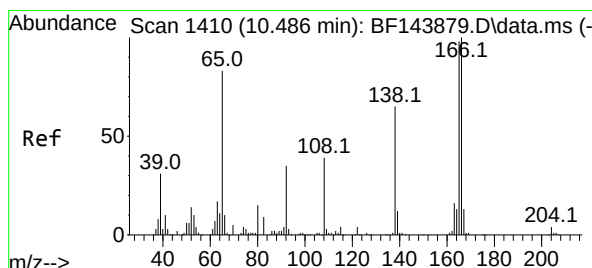
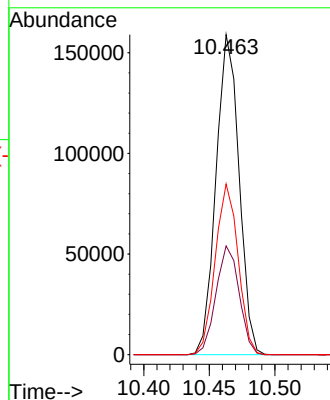
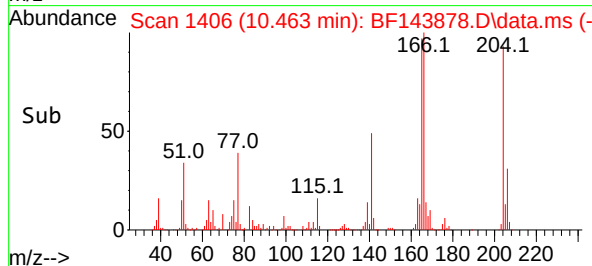
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 194875
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 53.4 40.4 60.6

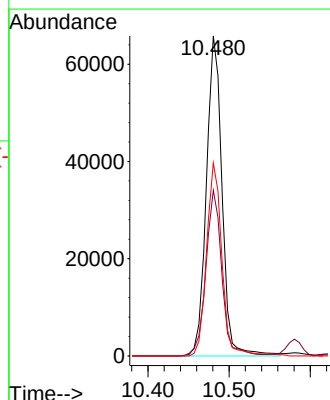
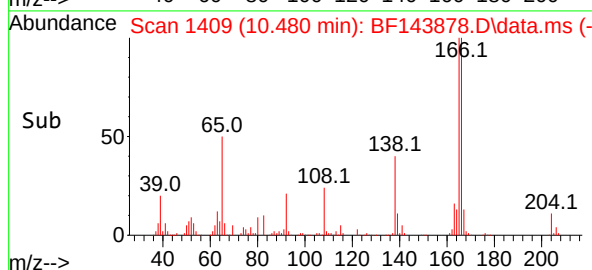
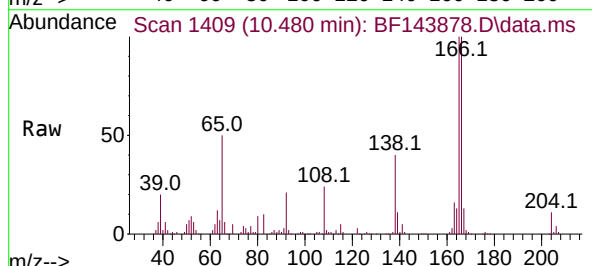
Manual Integrations
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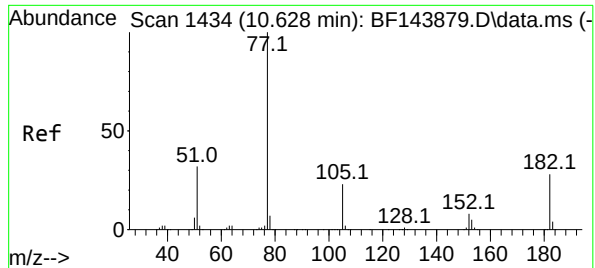
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#62
4-Nitroaniline
Concen: 20.526 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

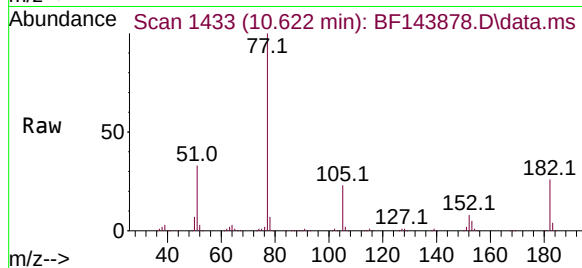
Tgt Ion:138 Resp: 88594
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 60.3 40.2 80.2





#63
Azobenzene
Concen: 21.218 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

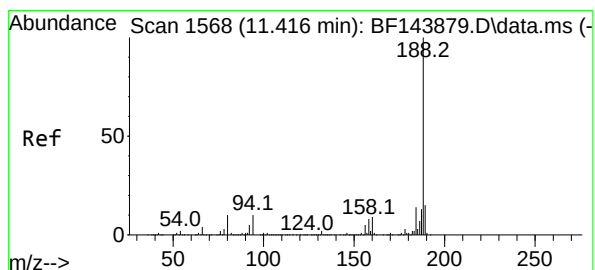
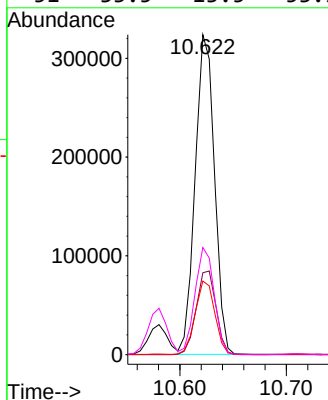
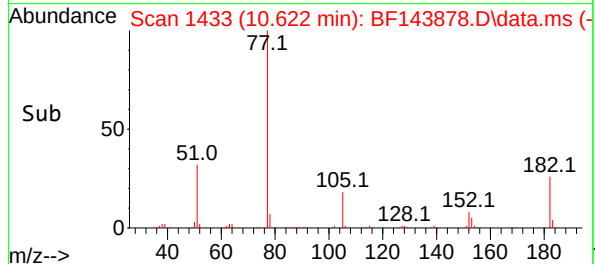
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 407261
Ion Ratio Lower Upper
77 100
182 25.6 7.3 47.3
105 23.0 3.0 43.0
51 33.5 13.5 53.5

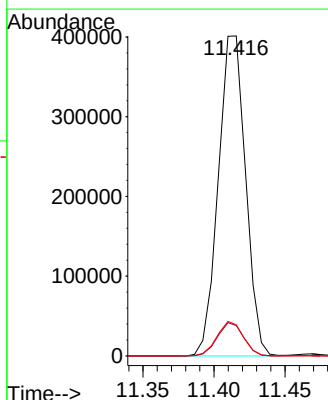
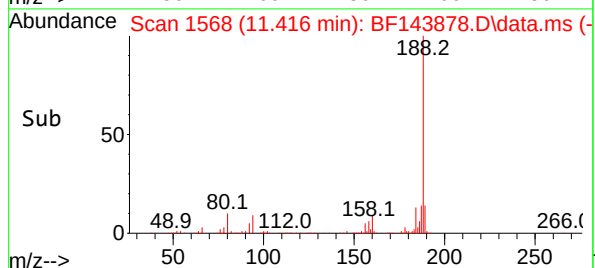
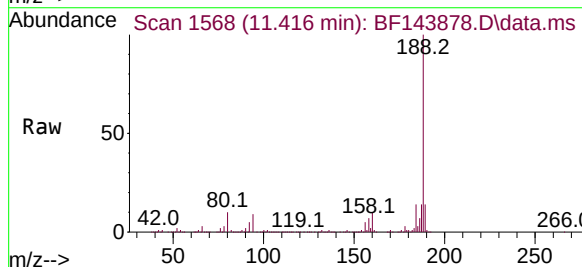
Manual Integrations
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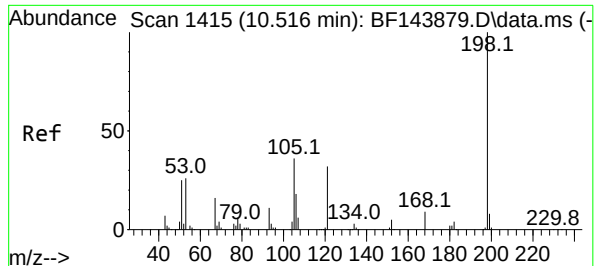
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

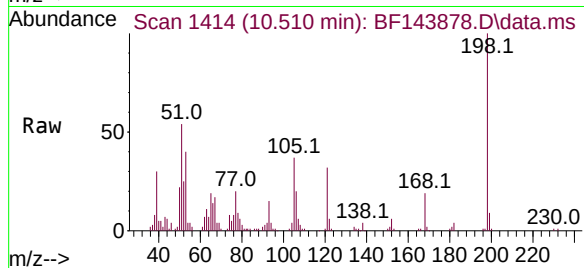
Tgt Ion:188 Resp: 536961
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 9.7 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 18.309 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

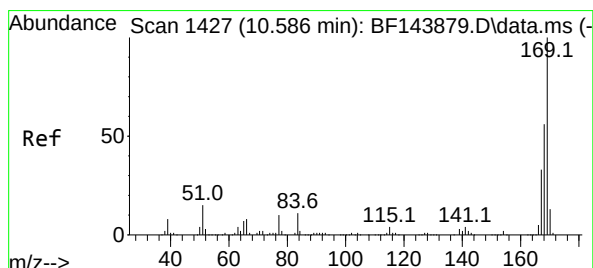
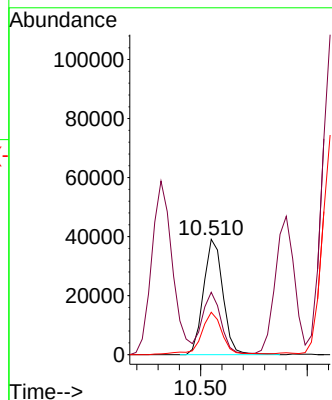
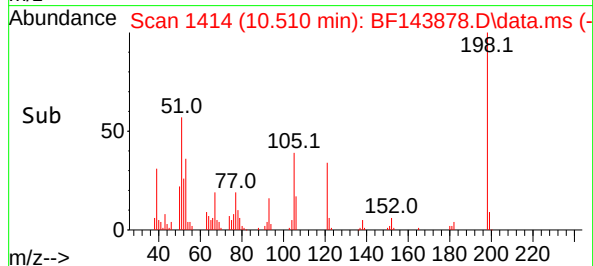
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



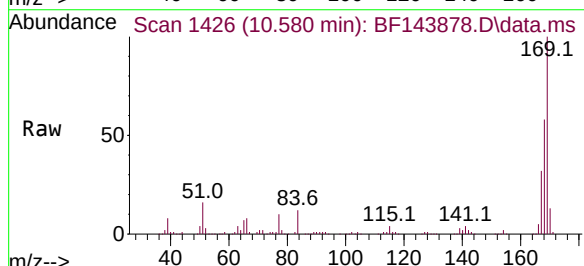
Tgt Ion:198 Resp: 49405
Ion Ratio Lower Upper
198 100
51 54.1 33.8 73.8
105 36.7 17.0 57.0

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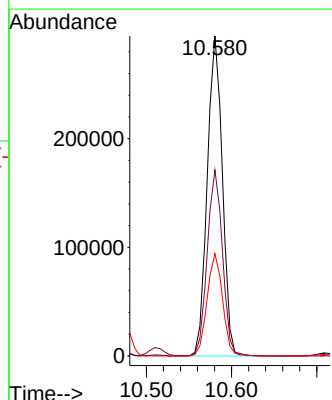
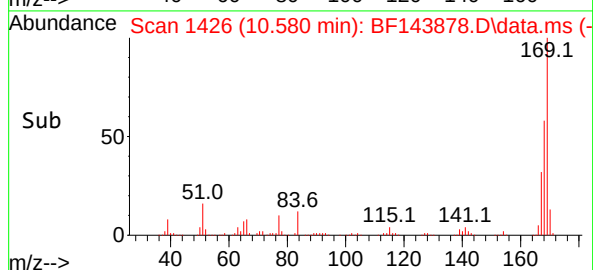
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

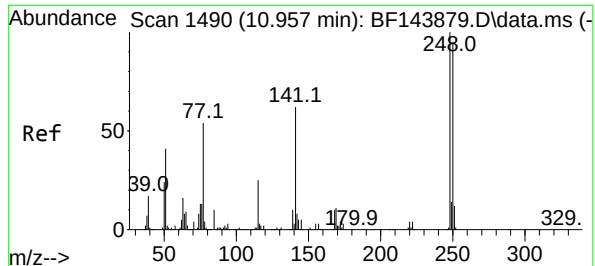


#66
n-Nitrosodiphenylamine
Concen: 21.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



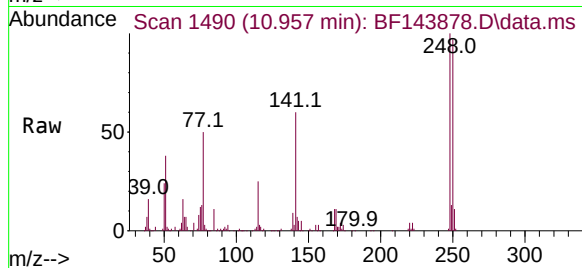
Tgt Ion:169 Resp: 362217
Ion Ratio Lower Upper
169 100
168 58.1 44.9 67.3
167 32.0 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 20.876 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

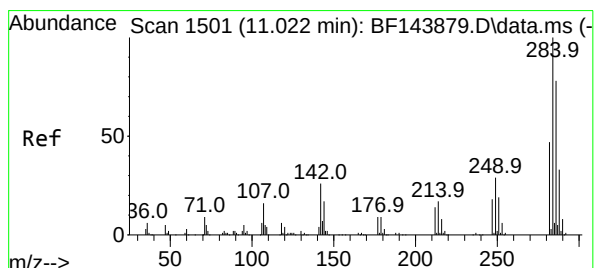
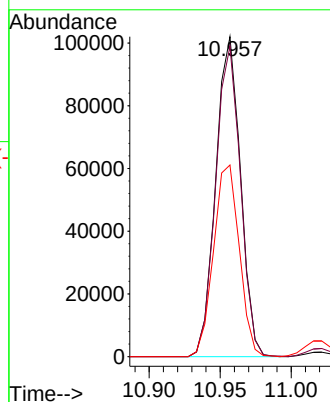
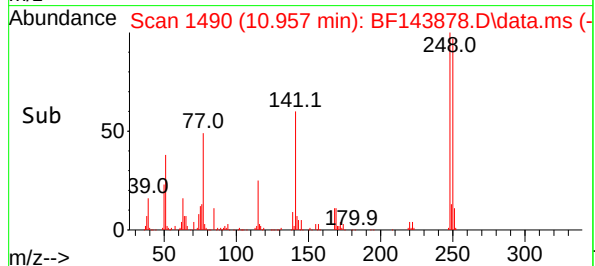
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



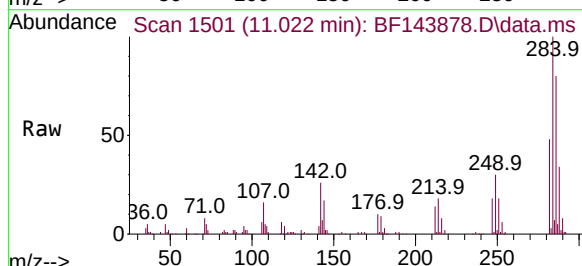
Tgt Ion:248 Resp: 123882
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 59.9 49.7 74.5

Manual Integrations
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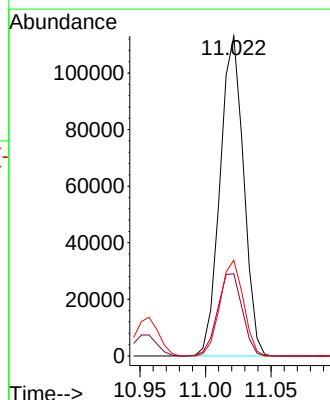
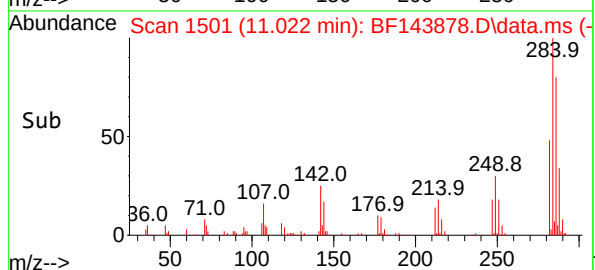
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

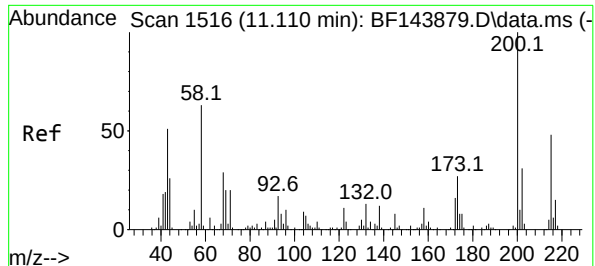


#68
Hexachlorobenzene
Concen: 20.570 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion:284 Resp: 141316
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.9 23.2 34.8





#69

Atrazine

Concen: 22.405 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 114492

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

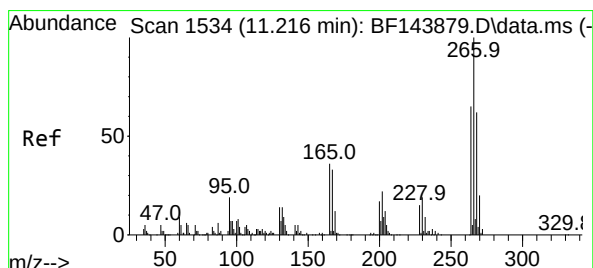
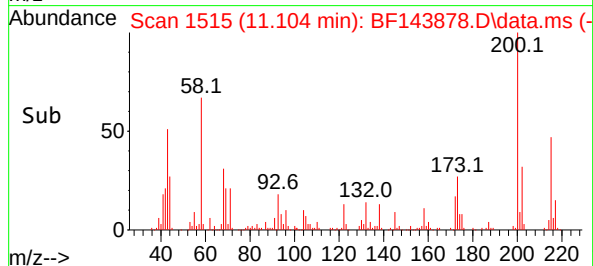
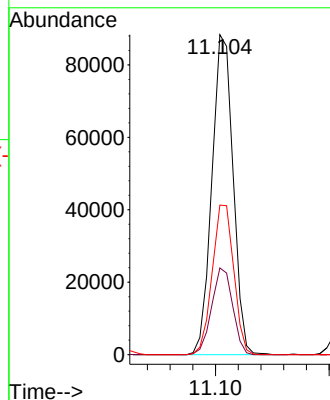
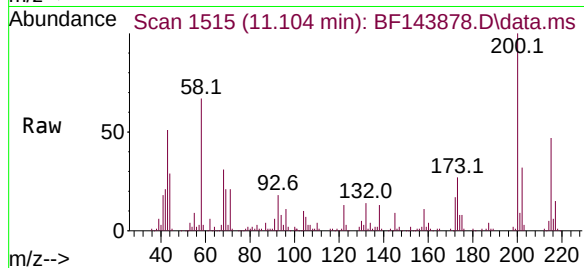
215 46.7 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 20.687 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

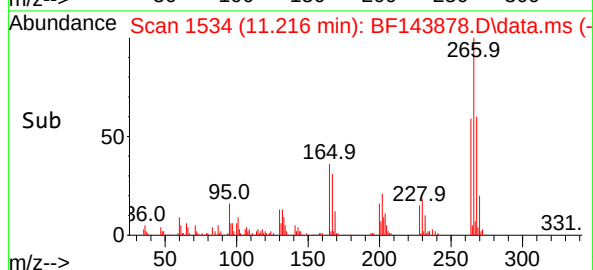
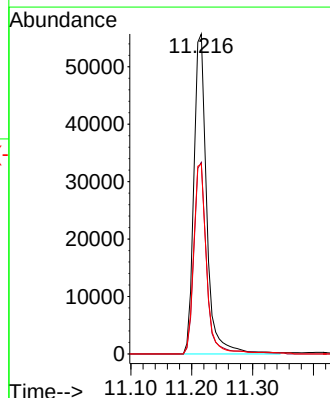
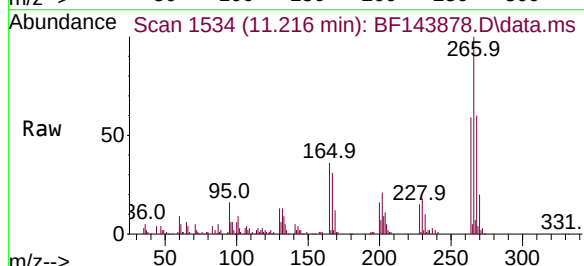
Tgt Ion:266 Resp: 81624

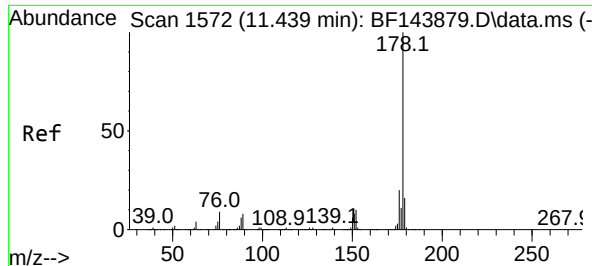
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6





#71

Phenanthrene

Concen: 21.979 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

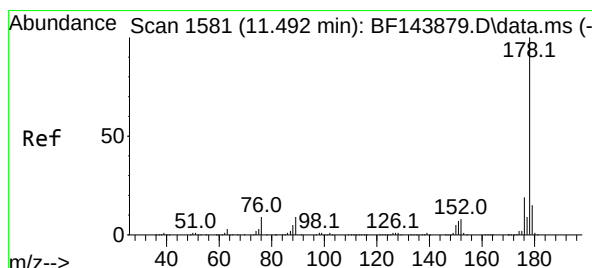
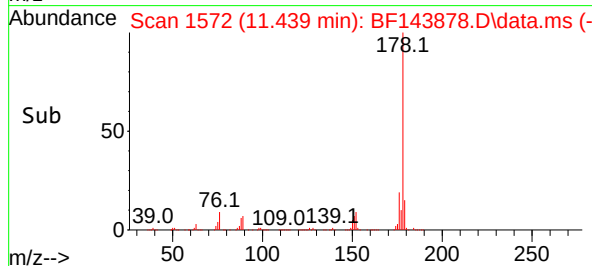
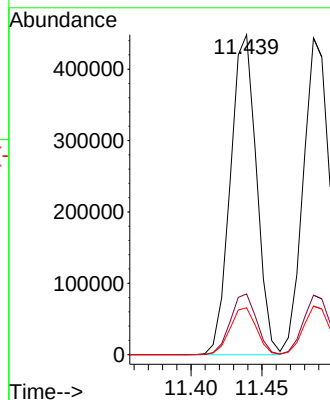
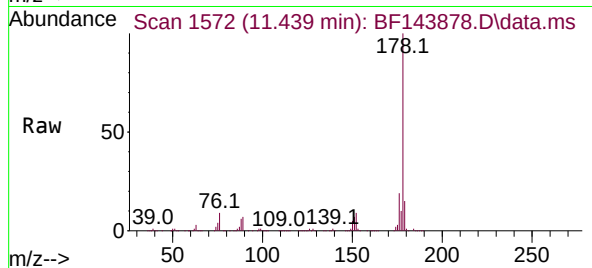
Tgt Ion:	178	Resp:	57215
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.9	23.9
179	14.6	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#72

Anthracene

Concen: 21.588 ng

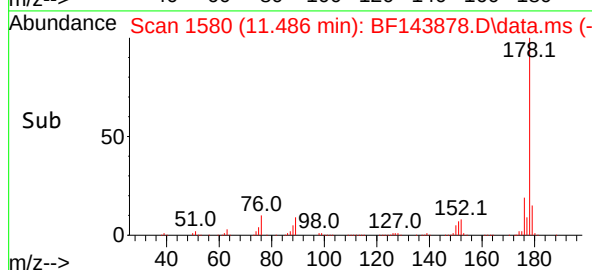
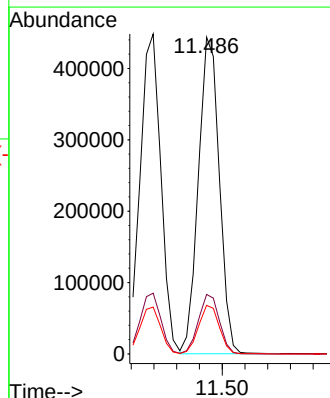
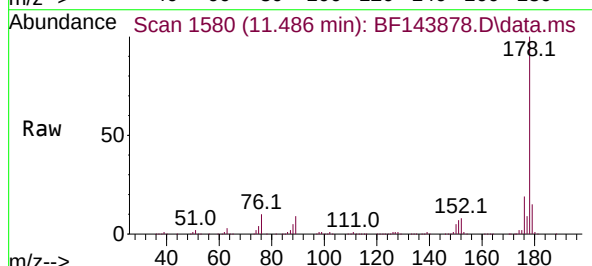
RT: 11.486 min Scan# 1580

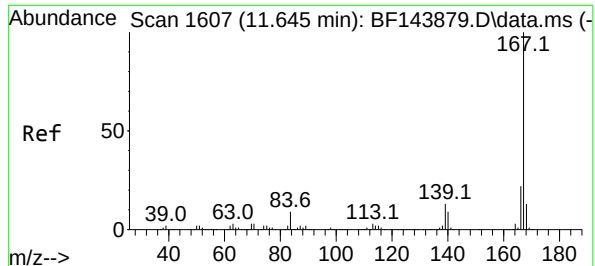
Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

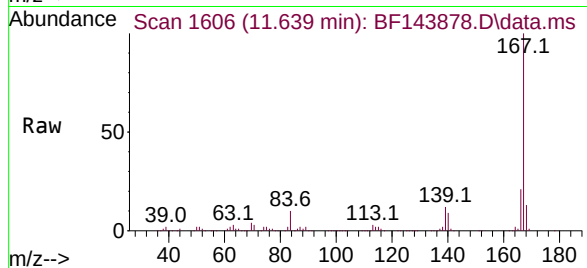
Tgt Ion:	178	Resp:	567724
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.9	22.3
179	15.3	12.2	18.2





#73
Carbazole
Concen: 21.651 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

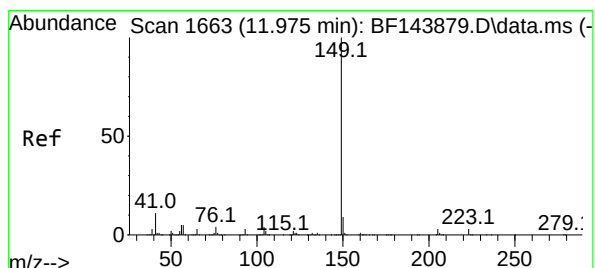
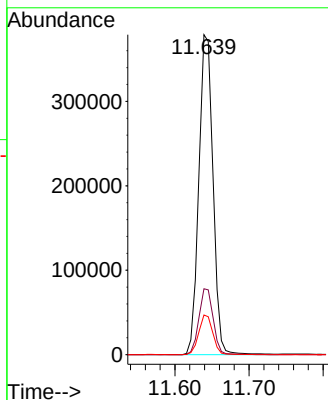
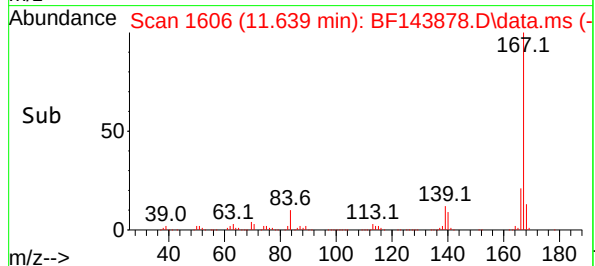
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



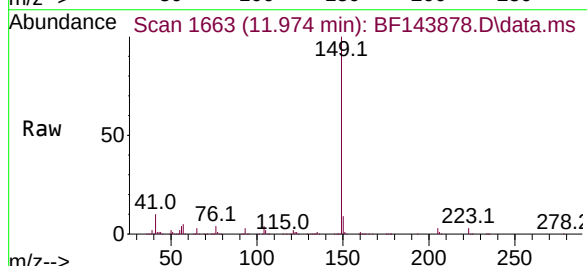
Tgt Ion:167 Resp: 504282
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.4 10.1 15.1

Manual Integrations
APPROVED

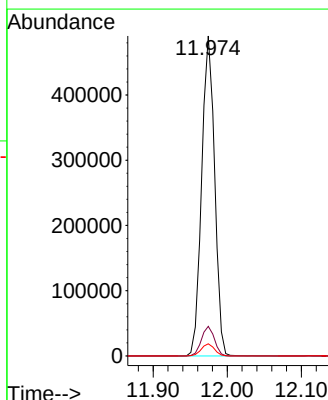
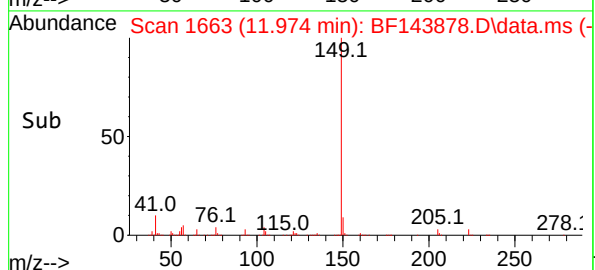
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

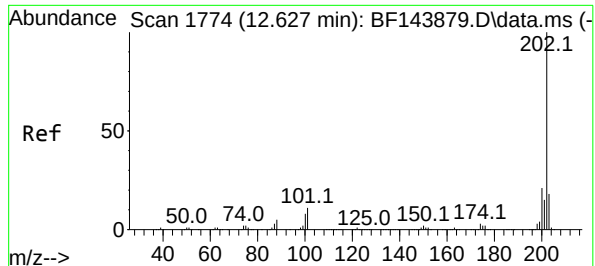


#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion:149 Resp: 595140
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.8 3.4 5.2





#75

Fluoranthene

Concen: 21.843 ng

RT: 12.627 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:202 Resp: 587348

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

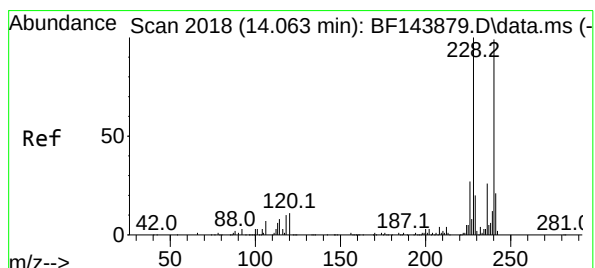
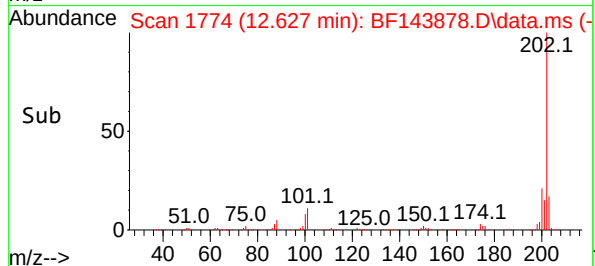
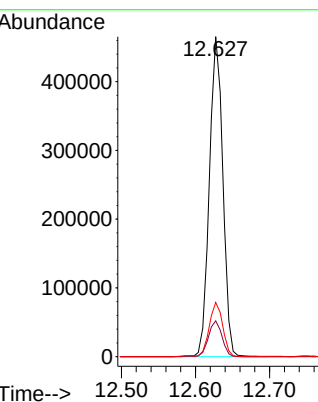
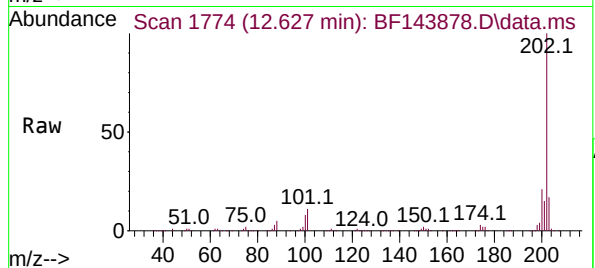
203 16.9 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

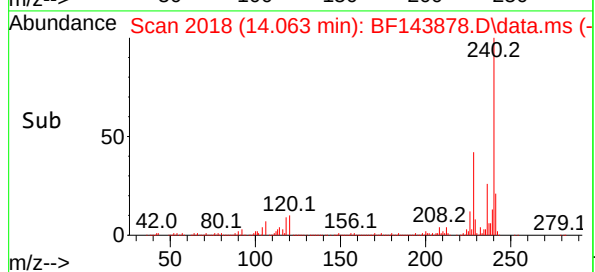
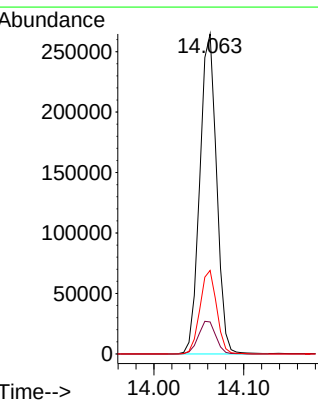
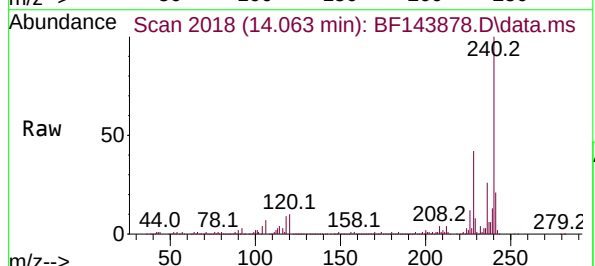
Tgt Ion:240 Resp: 346764

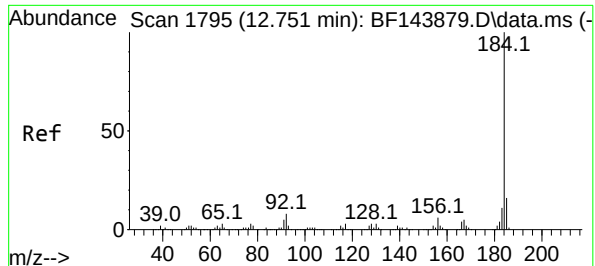
Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

236 26.1 21.1 31.7





#77

Benzidine

Concen: 20.710 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:184 Resp: 249358

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

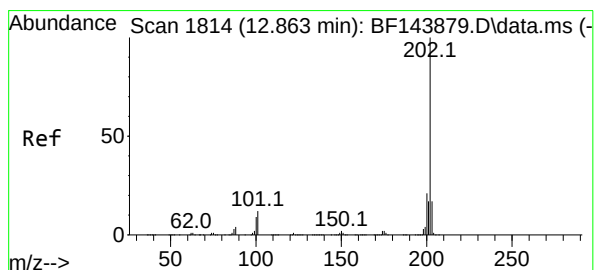
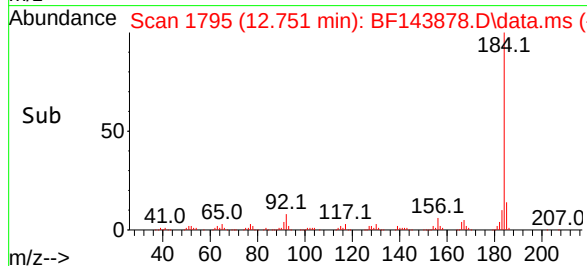
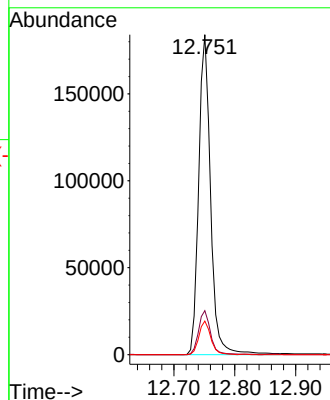
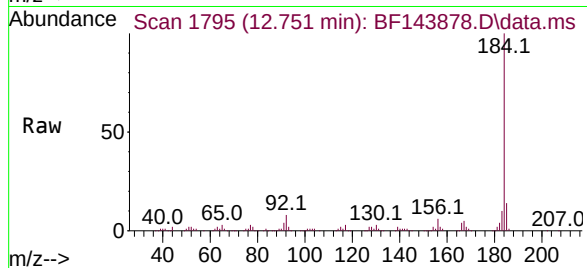
183 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 21.215 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

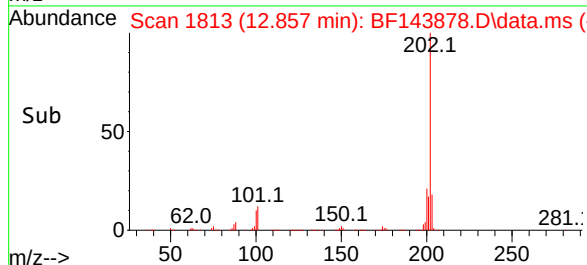
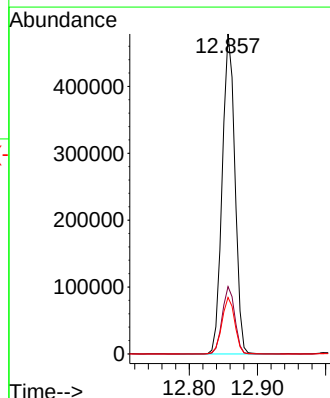
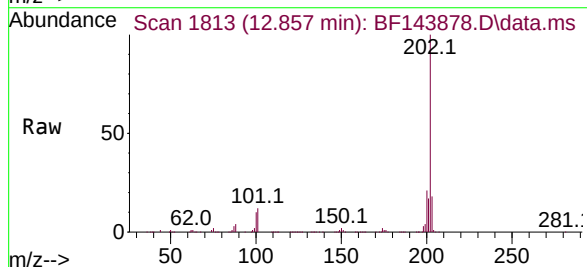
Tgt Ion:202 Resp: 613300

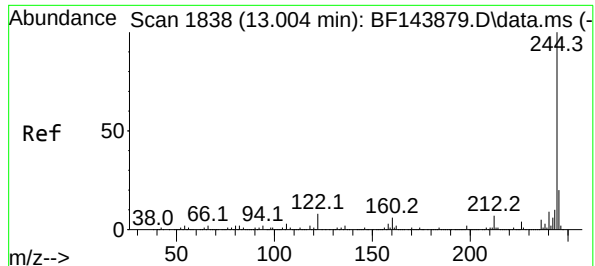
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 43.445 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143878.D

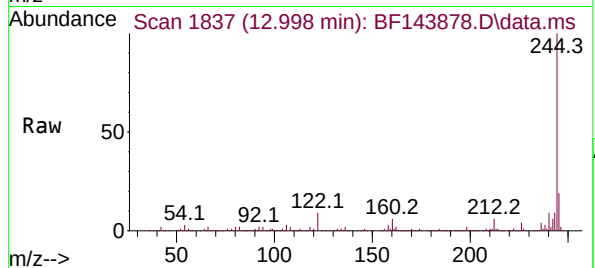
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 881486

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

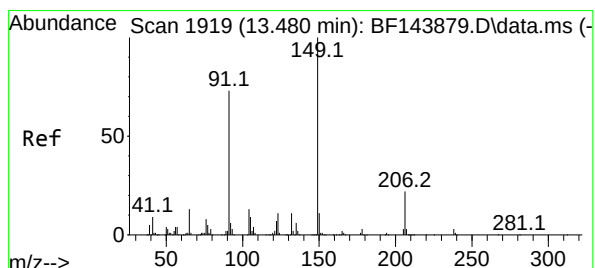
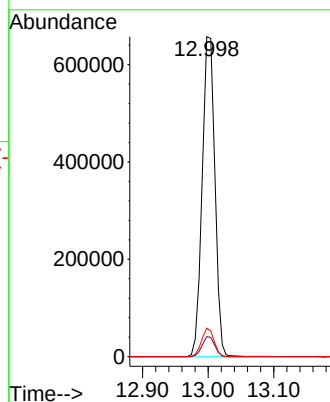
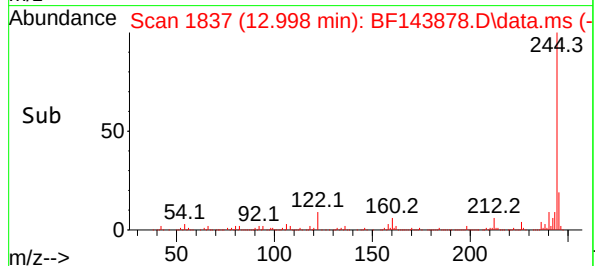
122 8.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 21.391 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

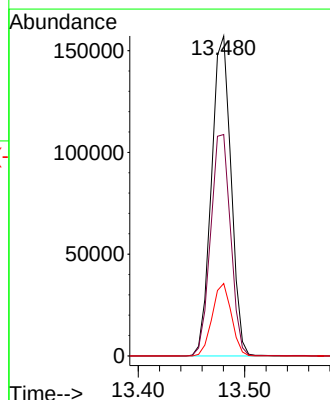
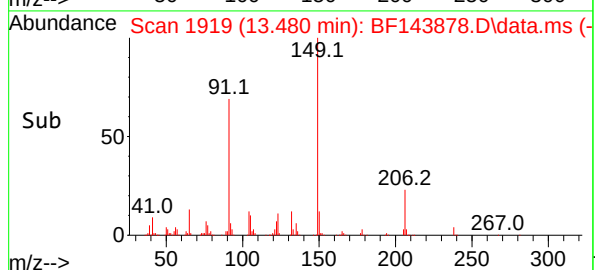
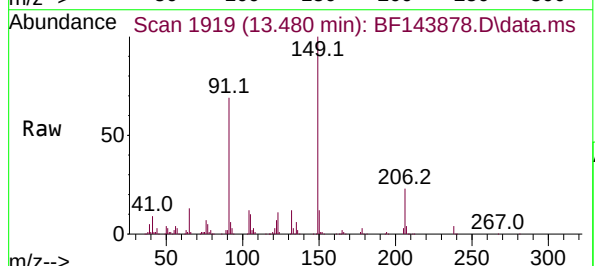
Tgt Ion:149 Resp: 200832

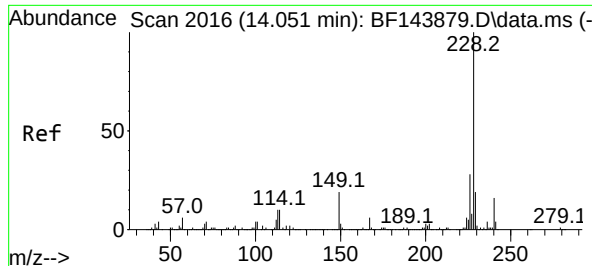
Ion Ratio Lower Upper

149 100

91 69.2 58.2 87.2

206 22.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 20.693 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 469566

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

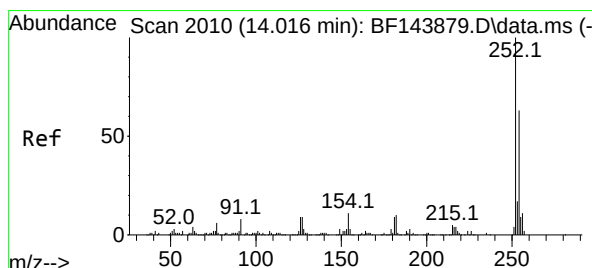
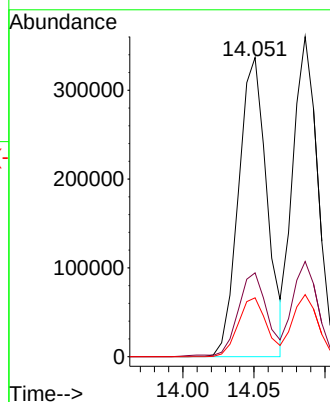
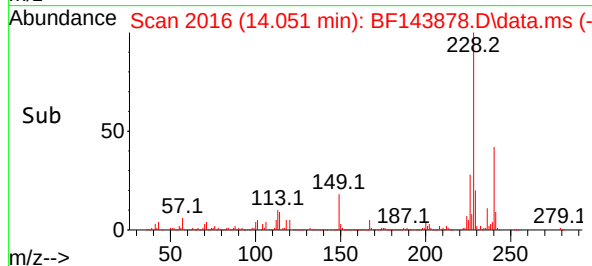
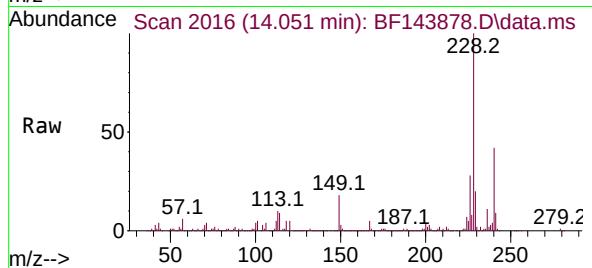
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 20.219 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

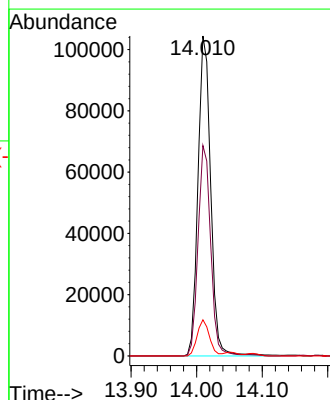
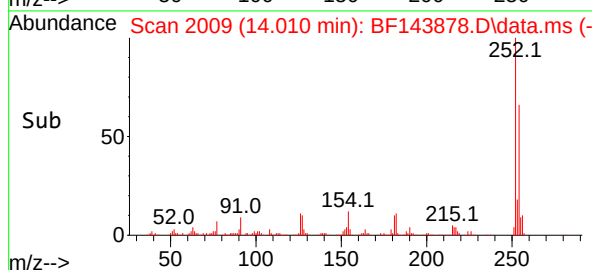
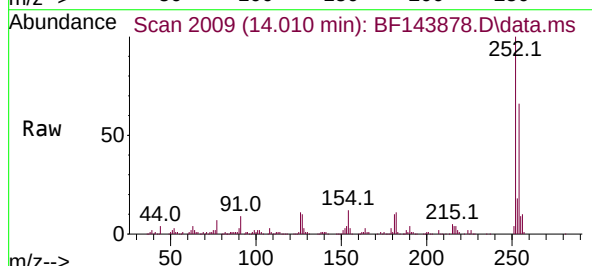
Tgt Ion:252 Resp: 139822

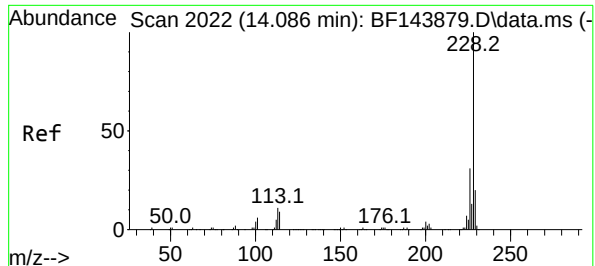
Ion Ratio Lower Upper

252 100

254 65.7 50.6 76.0

126 11.3 7.0 10.6#





#83

Chrysene

Concen: 20.920 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 439378

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

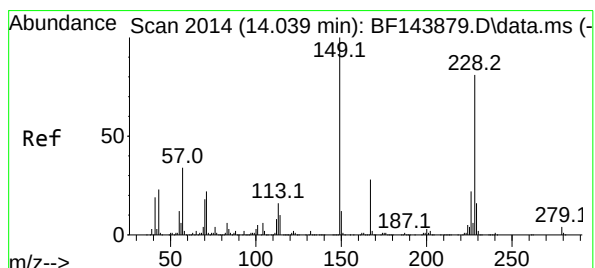
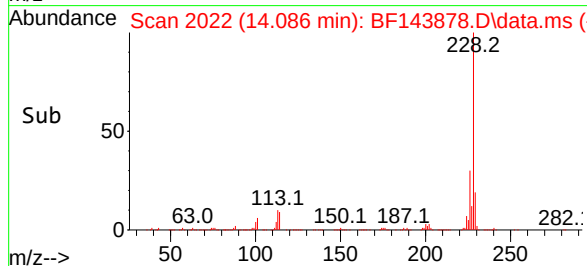
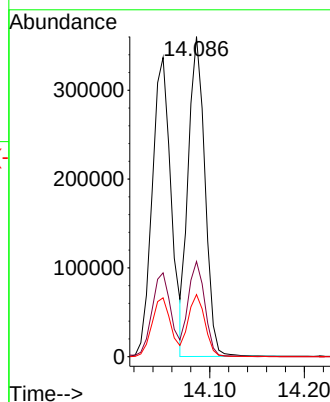
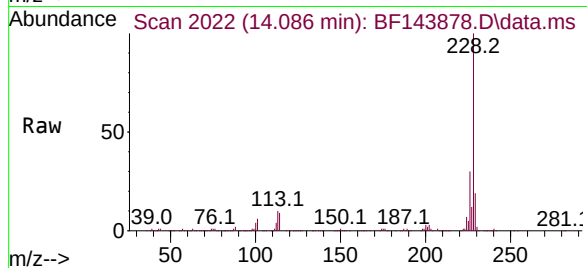
229 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.041 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

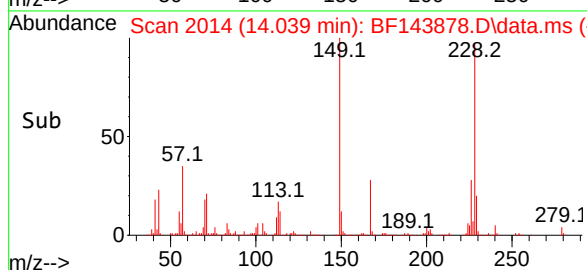
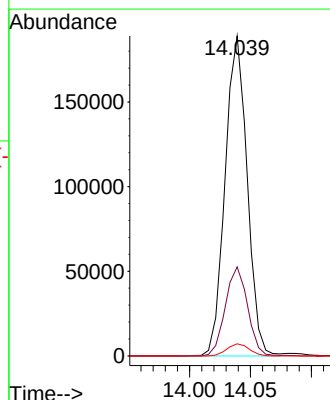
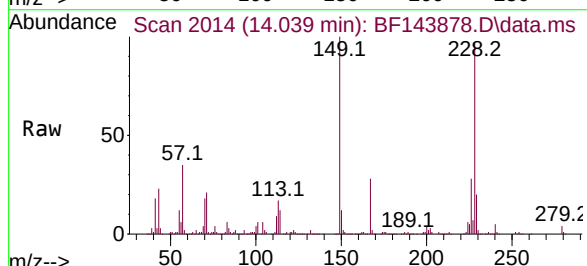
Tgt Ion:149 Resp: 238132

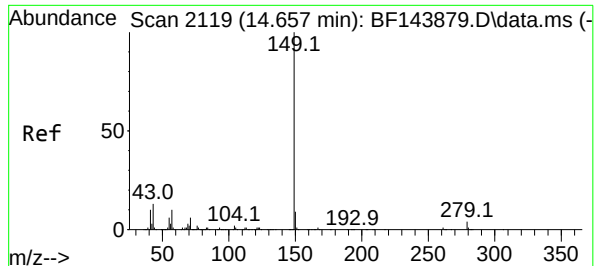
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

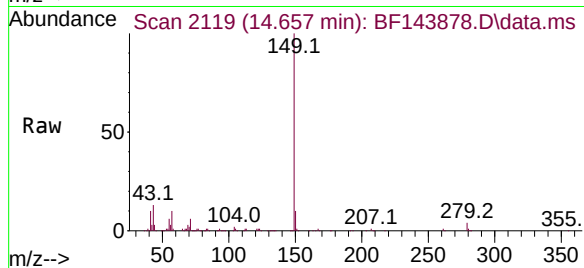
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 18.814 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

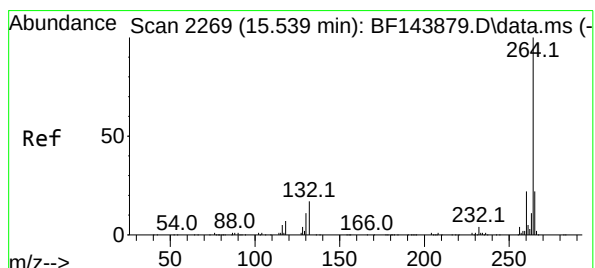
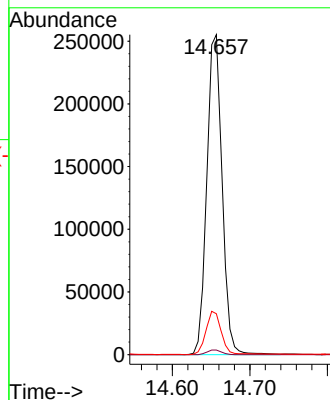
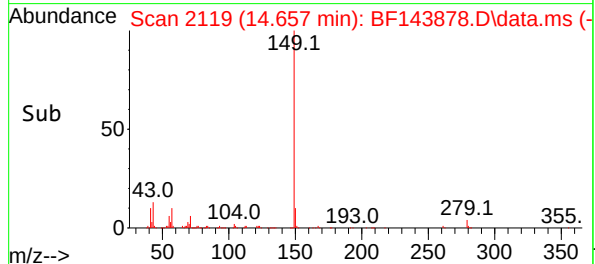
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



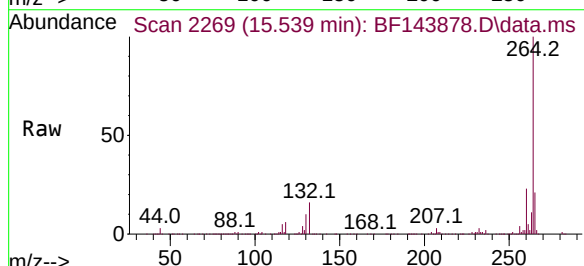
Tgt Ion:149 Resp: 349721
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.8 11.0 16.4

Manual Integrations
APPROVED

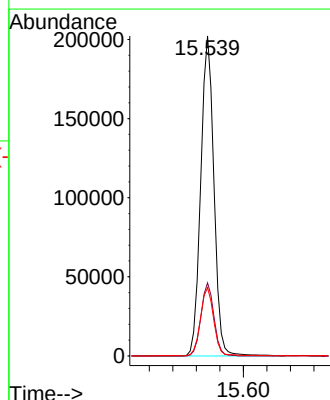
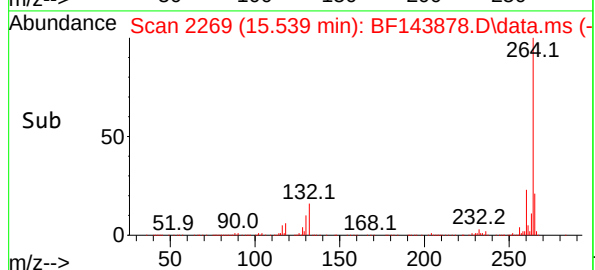
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

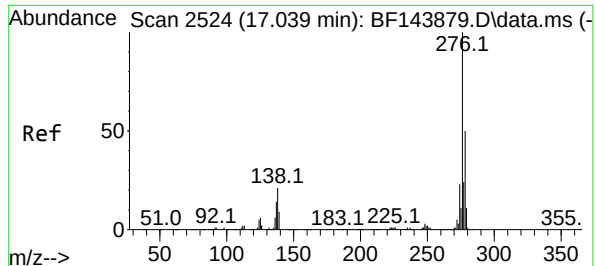


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion:264 Resp: 314616
Ion Ratio Lower Upper
264 100
260 22.8 17.8 26.8
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.942 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 38444

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

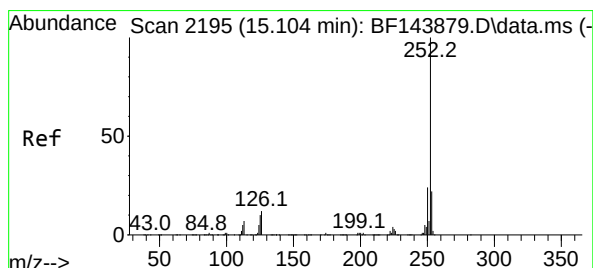
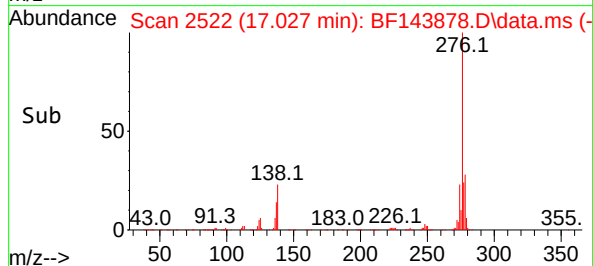
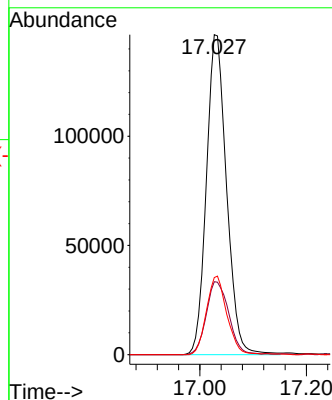
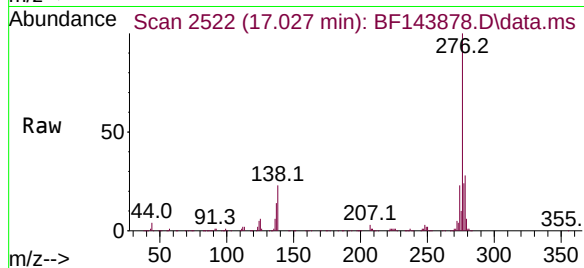
277 25.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 19.692 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

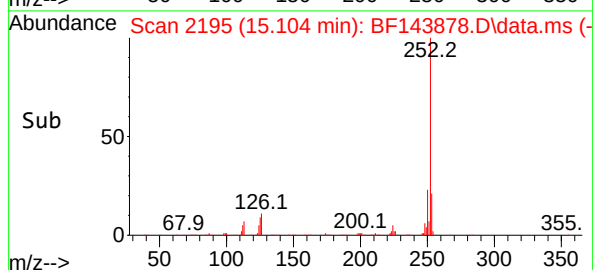
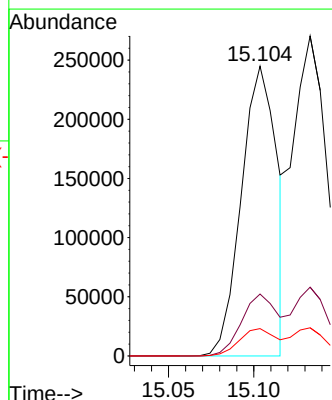
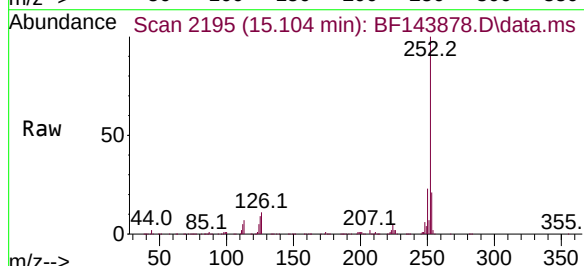
Tgt Ion:252 Resp: 355882

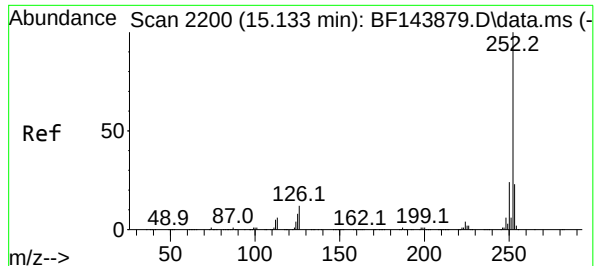
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 23.106 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 386399

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

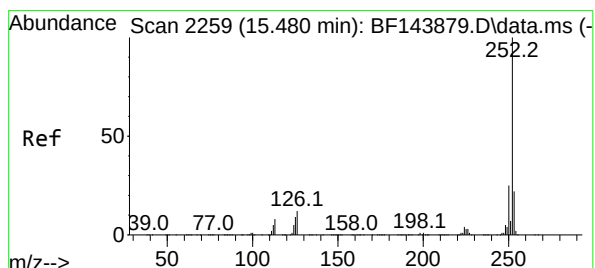
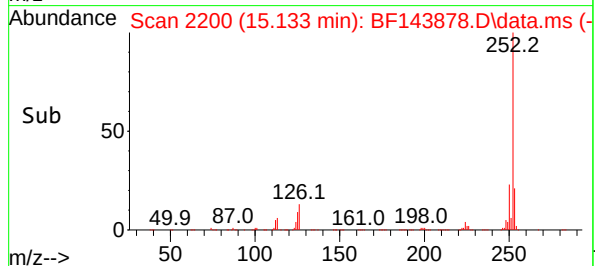
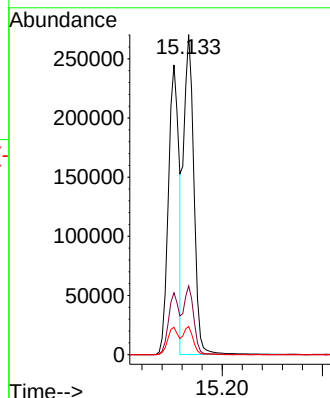
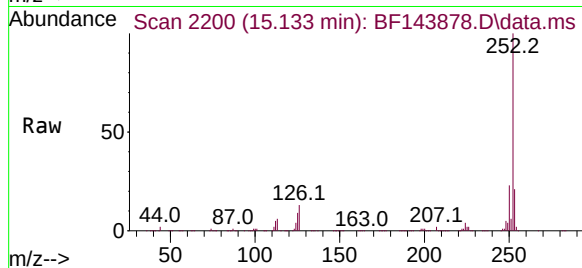
125 8.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 20.822 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

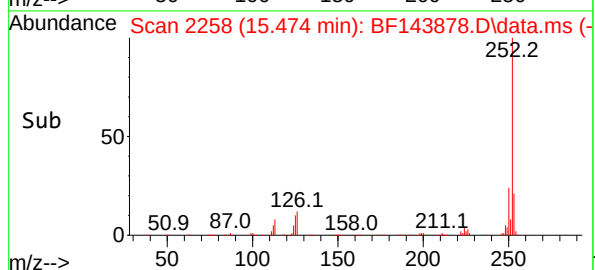
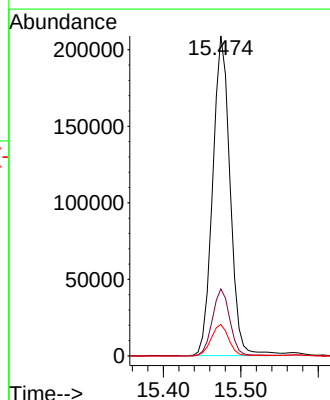
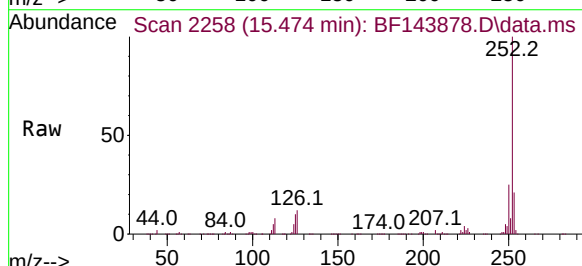
Tgt Ion:252 Resp: 326291

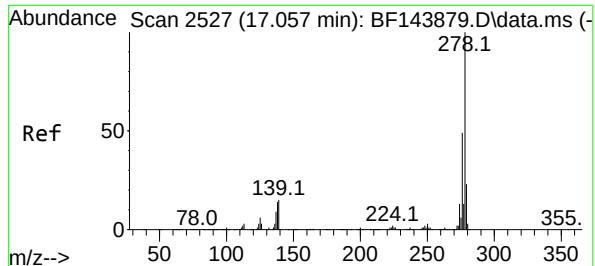
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

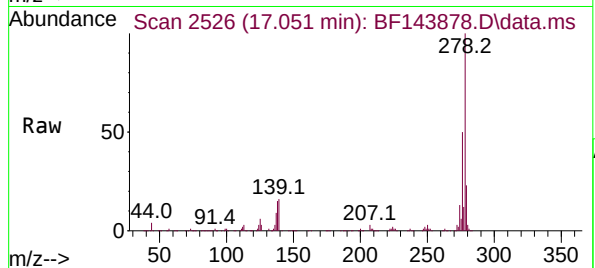
125 9.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 20.589 ng
RT: 17.051 min Scan# 2527
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

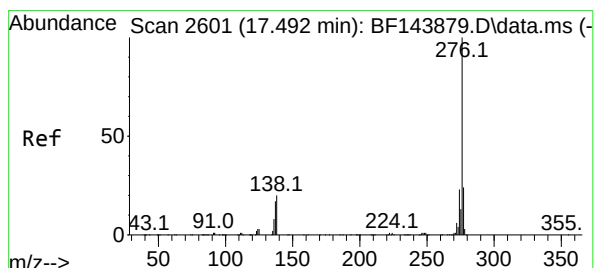
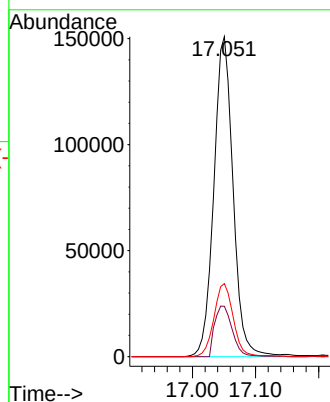
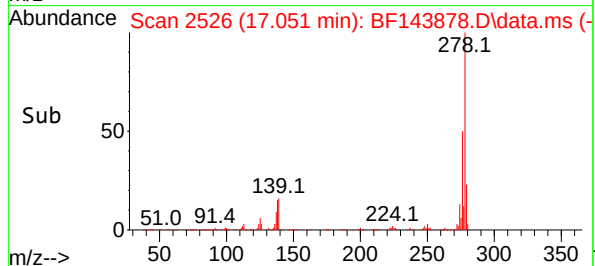
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 319216
Ion Ratio Lower Upper
278 100
139 15.7 11.7 17.5
279 22.8 18.4 27.6

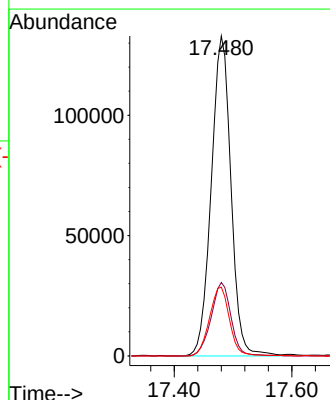
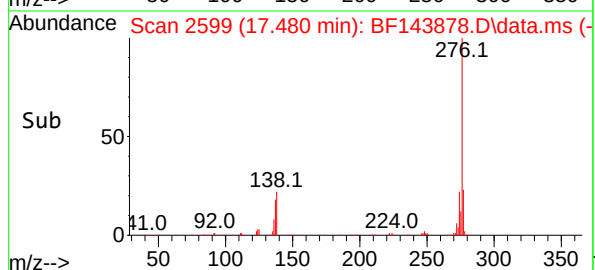
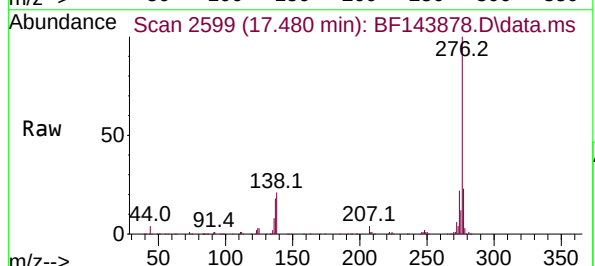
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 19.937 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 276 Resp: 309120
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 21.5 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143879.D
 Acq On : 06 Oct 2025 12:54
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124152	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	479933	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	444949	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254576	20.000	ng	0.00
86) Perylene-d12	15.539	264	250969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	649121	83.027	ng	0.00
7) Phenol-d6	6.504	99	765629	82.158	ng	-0.01
23) Nitrobenzene-d5	7.445	82	662754	83.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	215478	83.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1273210	77.695	ng	0.00
79) Terphenyl-d14	13.004	244	1302632	87.451	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	151157	41.781	ng	100
3) Pyridine	3.410	79	439985	41.775	ng	100
4) n-Nitrosodimethylamine	3.357	42	225827	40.760	ng	100
6) Aniline	6.545	93	581779	41.662	ng	100
8) 2-Chlorophenol	6.663	128	321394	42.055	ng	100
9) Benzaldehyde	6.434	77	330062	45.914	ng	100
10) Phenol	6.516	94	457250m	41.042	ng	
11) bis(2-Chloroethyl)ether	6.616	93	358980	41.712	ng	100
12) 1,3-Dichlorobenzene	6.822	146	376359	41.141	ng	100
13) 1,4-Dichlorobenzene	6.898	146	372118	41.238	ng	100
14) 1,2-Dichlorobenzene	7.051	146	356137	41.204	ng	100
15) Benzyl Alcohol	7.022	79	291212	41.707	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	804199	41.052	ng	100
17) 2-Methylphenol	7.128	107	261669	41.430	ng	100
18) Hexachloroethane	7.398	117	124325	41.313	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	254701	39.929	ng	100
20) 3+4-Methylphenols	7.281	107	314281	42.934	ng	100
22) Acetophenone	7.292	105	415513	40.946	ng	100
24) Nitrobenzene	7.463	77	375708	42.828	ng	100
25) Isophorone	7.704	82	677007	40.645	ng	100
26) 2-Nitrophenol	7.781	139	167096	44.428	ng	100
27) 2,4-Dimethylphenol	7.810	122	282923	41.818	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	425986	40.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	294452	41.782	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	286330	41.312	ng	100
31) Naphthalene	8.187	128	894263	40.961	ng	100
32) Benzoic acid	7.916	122	199609m	42.630	ng	
33) 4-Chloroaniline	8.234	127	340866	41.630	ng	100
34) Hexachlorobutadiene	8.304	225	198282	41.170	ng	100
35) Caprolactam	8.604	113	91458	40.816	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	275908	40.758	ng	100
37) 2-Methylnaphthalene	8.881	142	591428	40.669	ng	100
38) 1-Methylnaphthalene	8.981	142	581114	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	306622	42.665	ng	100
41) Hexachlorocyclopentadiene	9.034	237	133694	44.842	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231469	44.081	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143879.D
 Acq On : 06 Oct 2025 12:54
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237161	42.739	ng	100
46) 1,1'-Biphenyl	9.345	154	714293	41.490	ng	100
47) 2-Chloronaphthalene	9.369	162	591442	41.204	ng	100
48) 2-Nitroaniline	9.463	65	203733	44.894	ng	100
49) Acenaphthylene	9.786	152	844067	41.828	ng	100
50) Dimethylphthalate	9.639	163	671290	40.653	ng	100
51) 2,6-Dinitrotoluene	9.704	165	136198	44.481	ng	100
52) Acenaphthene	9.957	154	547286	41.390	ng	100
53) 3-Nitroaniline	9.875	138	159366	42.507	ng	100
54) 2,4-Dinitrophenol	9.981	184	62187	37.010	ng	100
55) Dibenzofuran	10.128	168	776950	41.625	ng	100
56) 4-Nitrophenol	10.028	139	121519	42.807	ng	100
57) 2,4-Dinitrotoluene	10.110	165	189965	45.597	ng	100
58) Fluorene	10.475	166	570508	40.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168932	43.006	ng	100
60) Diethylphthalate	10.345	149	635433	41.422	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	310008	41.632	ng	100
62) 4-Nitroaniline	10.486	138	151866	42.123	ng	100
63) Azobenzene	10.628	77	665698	41.521	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	98551	44.075	ng	100
66) n-Nitrosodiphenylamine	10.586	169	583617	41.773	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	205559	41.803	ng	100
68) Hexachlorobenzene	11.022	284	237363	41.695	ng	100
69) Atrazine	11.110	200	173212	40.905	ng	100
70) Pentachlorophenol	11.216	266	140140	42.862	ng	100
71) Phenanthrene	11.439	178	868592	40.266	ng	100
72) Anthracene	11.492	178	912011	41.850	ng	100
73) Carbazole	11.645	167	786783	40.765	ng	100
74) Di-n-butylphthalate	11.975	149	936899	41.884	ng	100
75) Fluoranthene	12.627	202	918503	41.223	ng	100
77) Benzidine	12.751	184	387464	43.833	ng	100
78) Pyrene	12.863	202	948521	44.692	ng	100
80) Butylbenzylphthalate	13.480	149	315716	45.804	ng	100
81) Benzo(a)anthracene	14.051	228	711609	42.715	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	224071	44.135	ng	100
83) Chrysene	14.086	228	658639	42.717	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	376273	45.286	ng	100
85) Di-n-octyl phthalate	14.657	149	608123	44.561	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	699234	45.470	ng	100
88) Benzo(b)fluoranthene	15.104	252	636888	44.178	ng	100
89) Benzo(k)fluoranthene	15.133	252	556111	41.688	ng	100
90) Benzo(a)pyrene	15.480	252	553098	44.246	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	566134	45.774	ng	100
92) Benzo(g,h,i)perylene	17.492	276	560761	45.340	ng	100

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

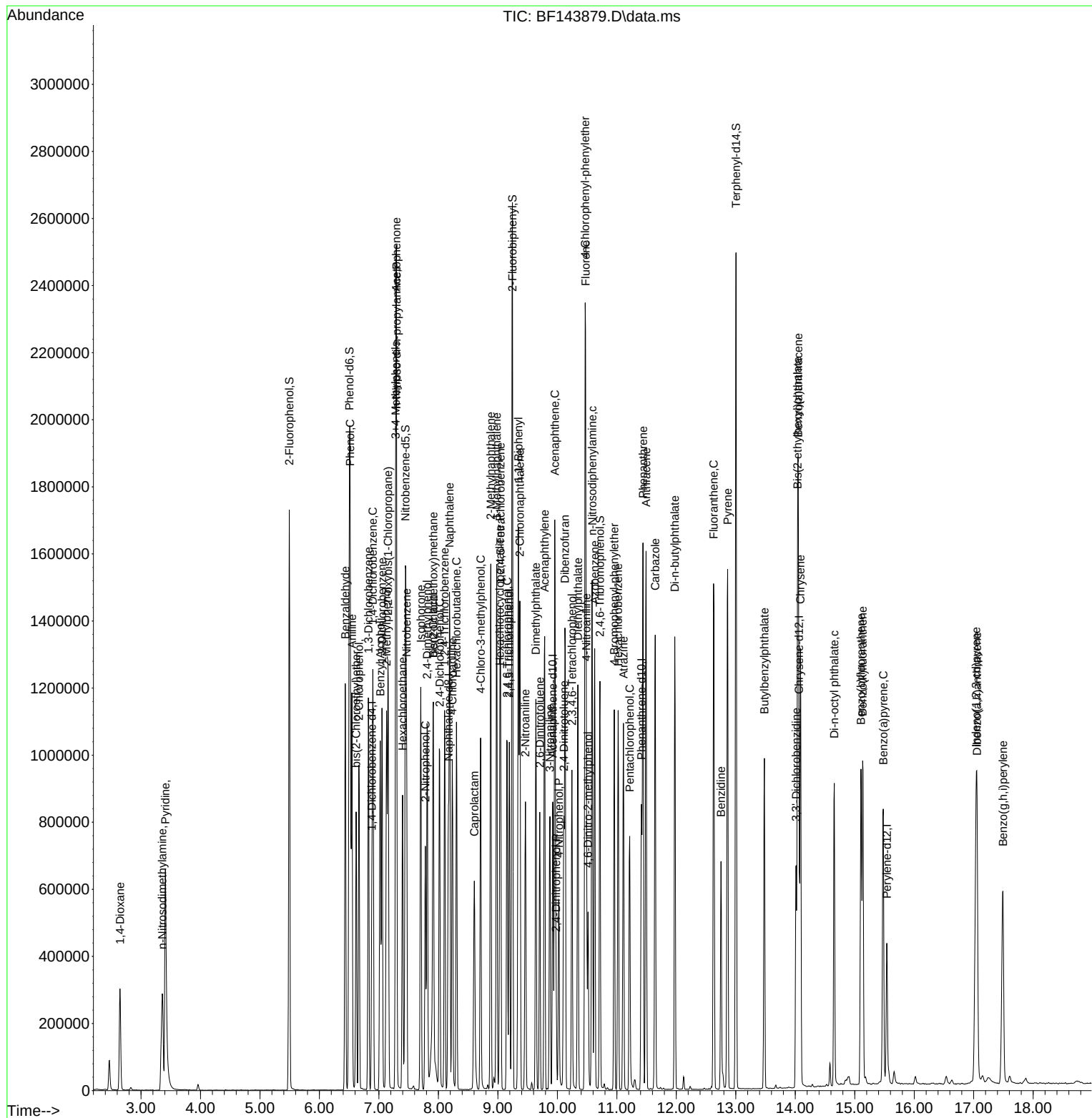
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Data File : BF143879.D  
Acq On    : 06 Oct 2025 12:54  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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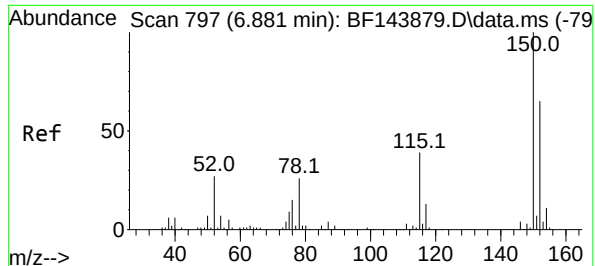
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

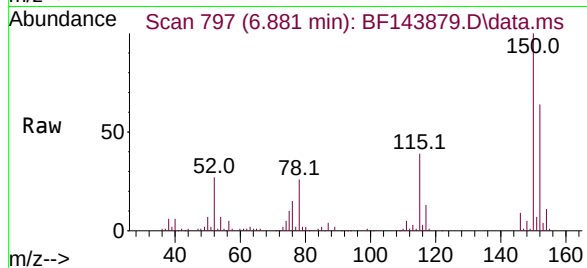
Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

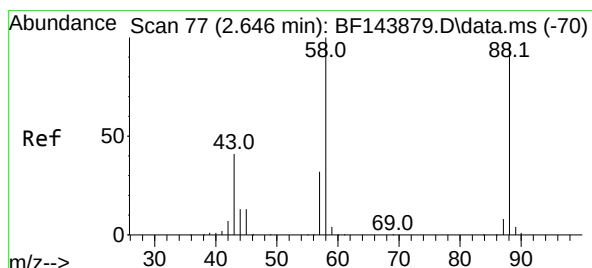
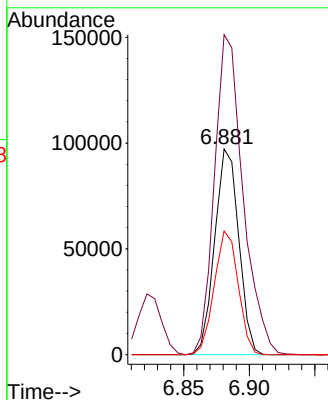
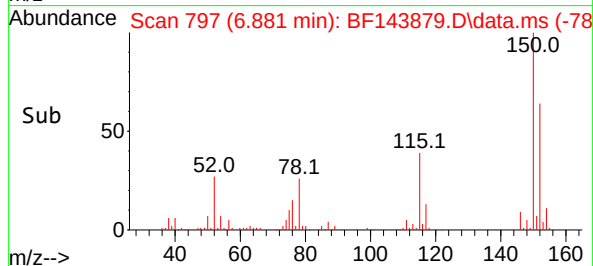
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 152 Resp: 124152
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 60.1 48.1 72.1

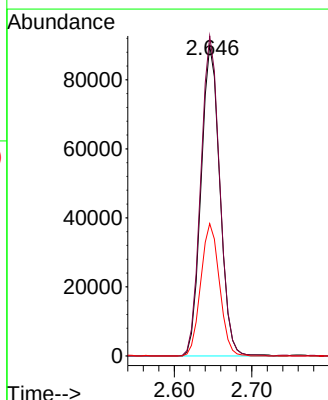
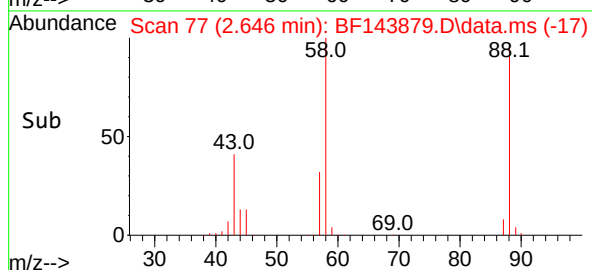
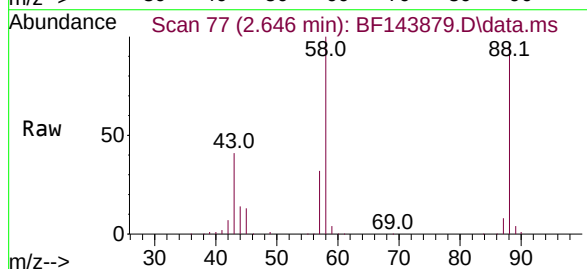
Manual Integrations
APPROVED

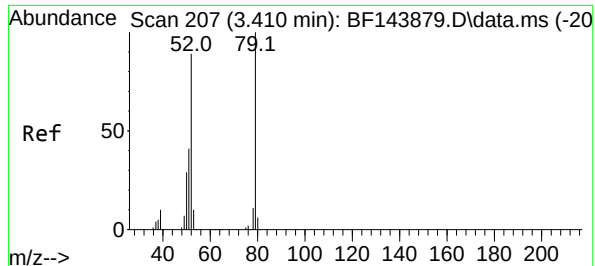
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 41.781 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

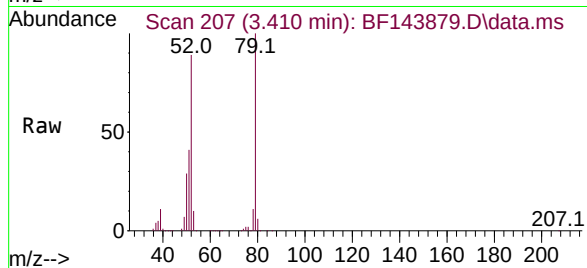
Tgt Ion: 88 Resp: 151157
Ion Ratio Lower Upper
88 100
58 103.8 83.0 124.6
43 42.4 33.9 50.9





#3
Pyridine
Concen: 41.775 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

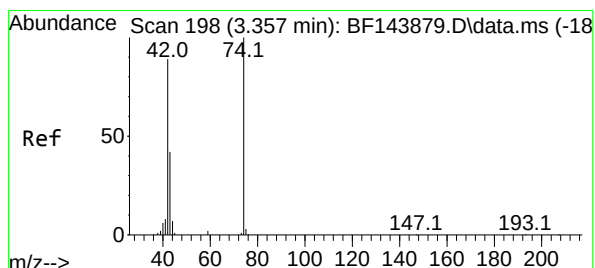
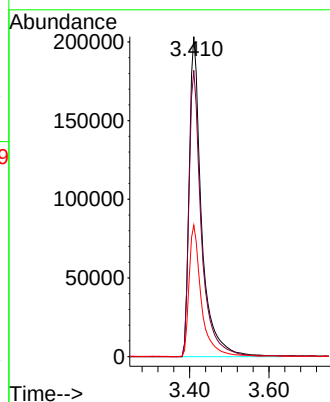
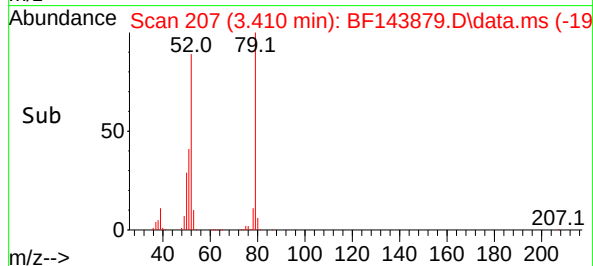
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 439985
Ion Ratio Lower Upper
79 100
52 89.4 71.5 107.3
51 41.1 32.9 49.3

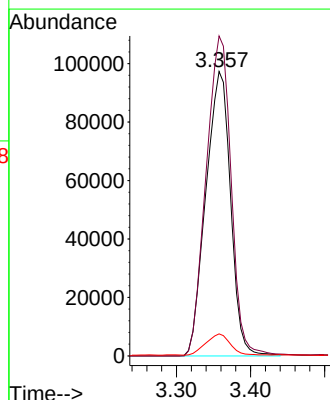
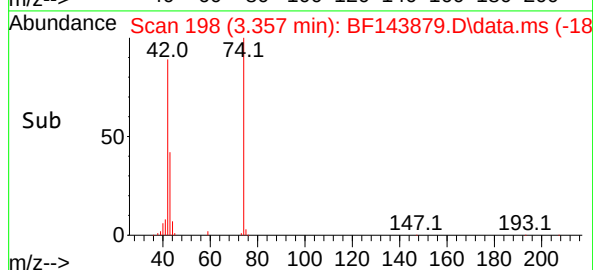
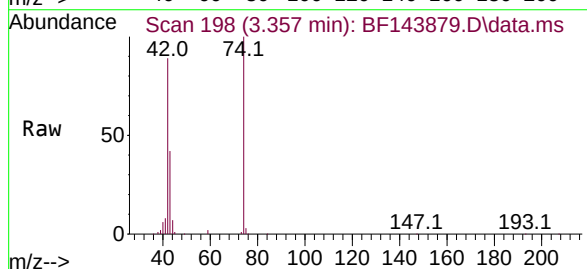
Manual Integrations
APPROVED

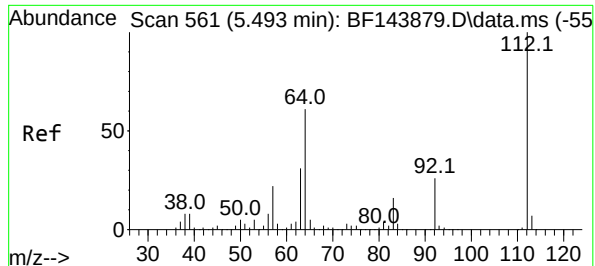
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#4
n-Nitrosodimethylamine
Concen: 40.760 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 42 Resp: 225827
Ion Ratio Lower Upper
42 100
74 112.5 90.0 135.0
44 7.7 6.2 9.2





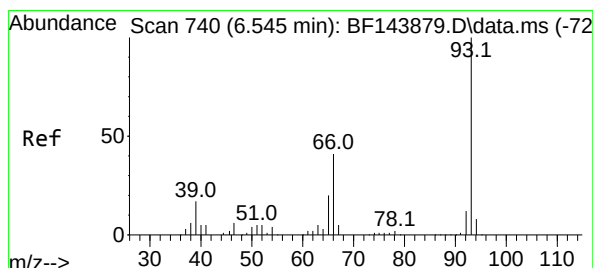
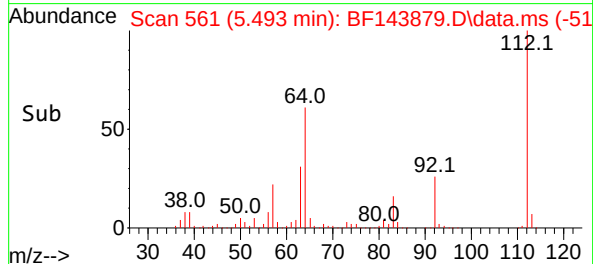
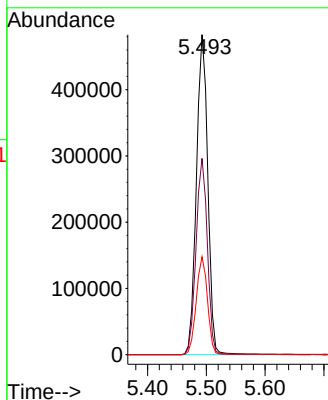
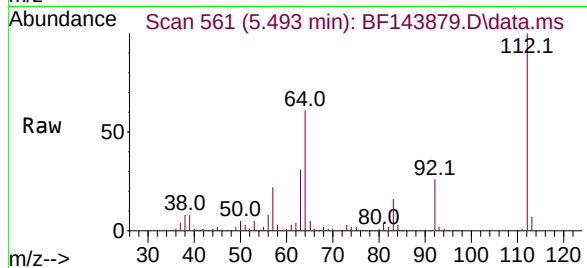
#5
2-Fluorophenol
Concen: 83.027 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 112 Resp: 64912
Ion Ratio Lower Upper
112 100
64 61.4 49.1 73.7
63 30.6 24.5 36.7

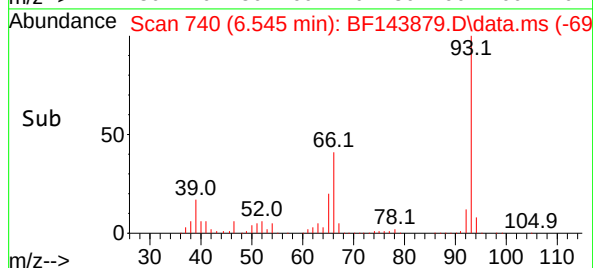
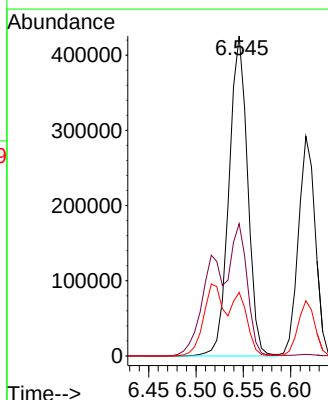
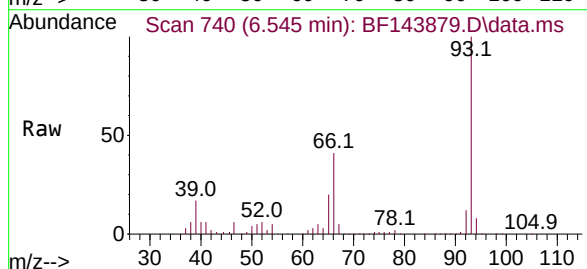
Manual Integrations
APPROVED

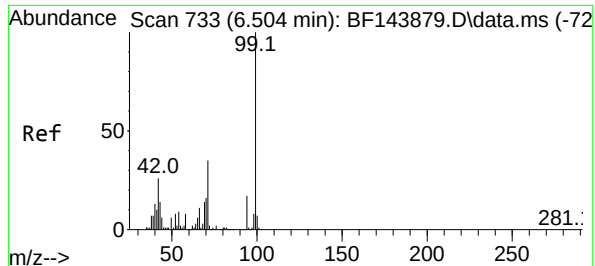
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 41.662 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

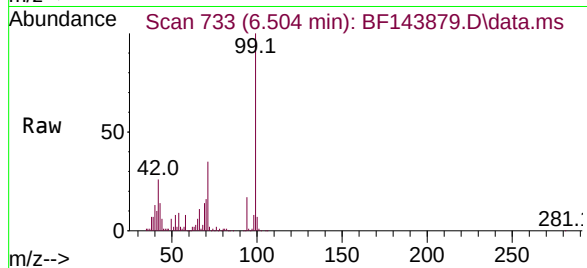
Tgt Ion: 93 Resp: 581779
Ion Ratio Lower Upper
93 100
66 41.3 33.0 49.6
65 19.8 15.8 23.8





#7
Phenol-d6
Concen: 82.158 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

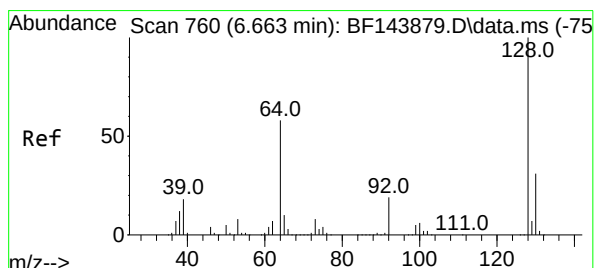
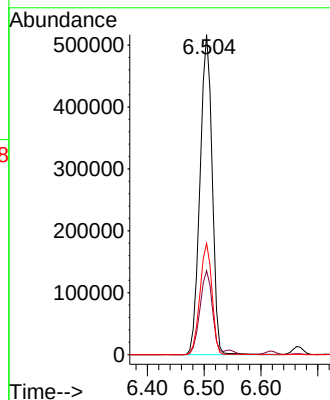
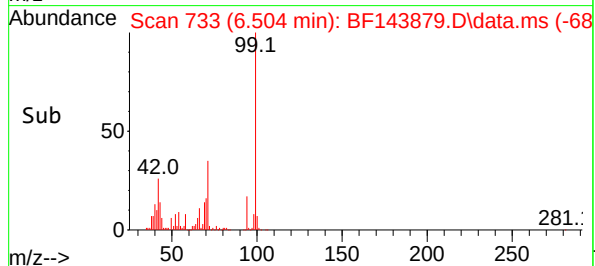
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



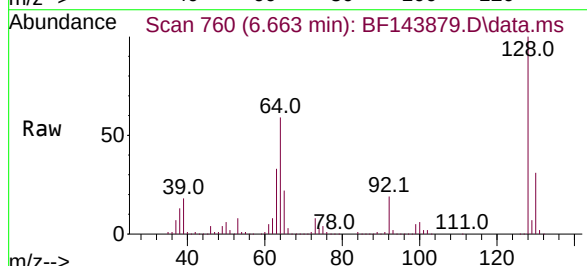
Tgt Ion: 99 Resp: 765629
Ion Ratio Lower Upper
99 100
42 26.2 21.0 31.4
71 34.8 27.8 41.8

Manual Integrations
APPROVED

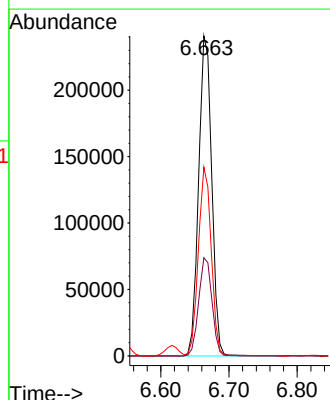
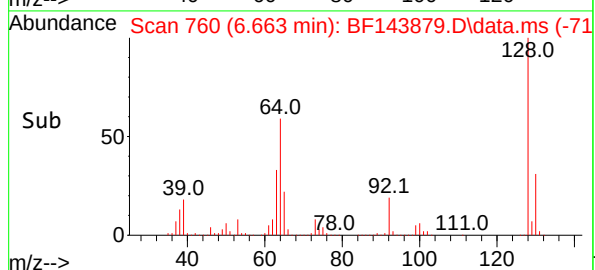
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

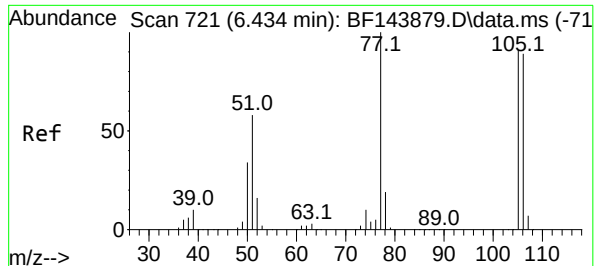


#8
2-Chlorophenol
Concen: 42.055 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



Tgt Ion: 128 Resp: 321394
Ion Ratio Lower Upper
128 100
130 30.7 10.7 50.7
64 59.0 39.0 79.0





#9

Benzaldehyde

Concen: 45.914 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 330062

Ion Ratio Lower Upper

77 100

105 90.9 70.9 110.9

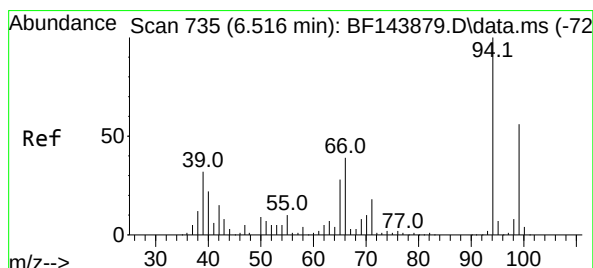
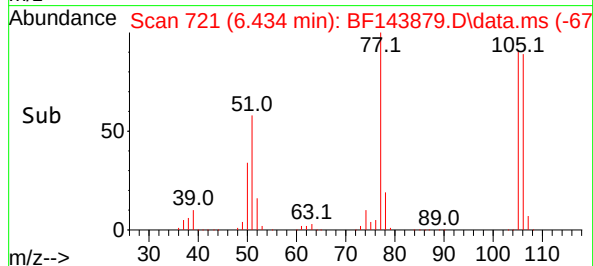
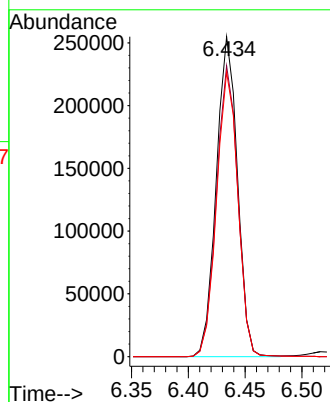
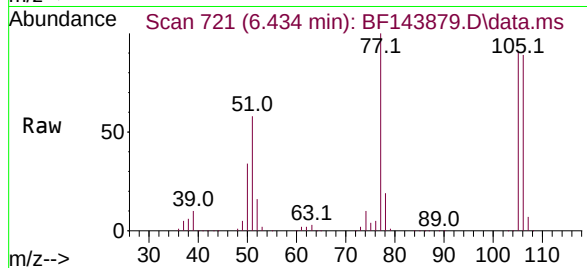
106 88.9 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 41.042 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

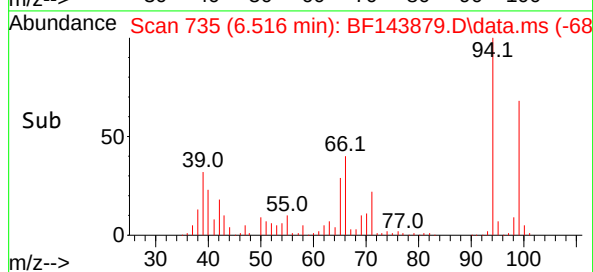
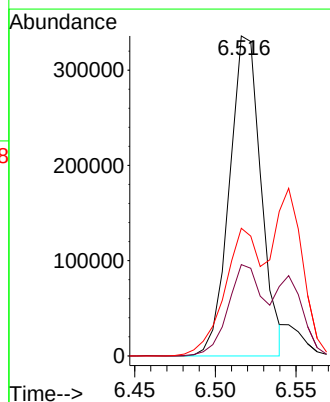
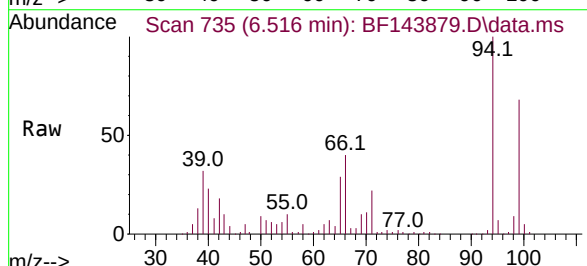
Tgt Ion: 94 Resp: 457250

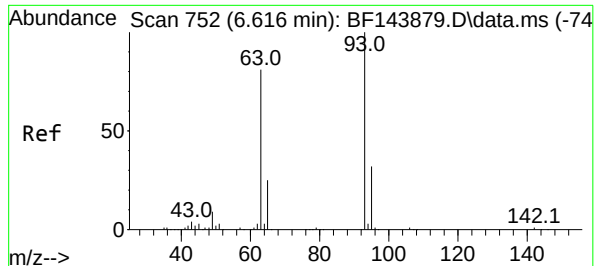
Ion Ratio Lower Upper

94 100

65 28.5 8.5 48.5

66 39.9 19.9 59.9





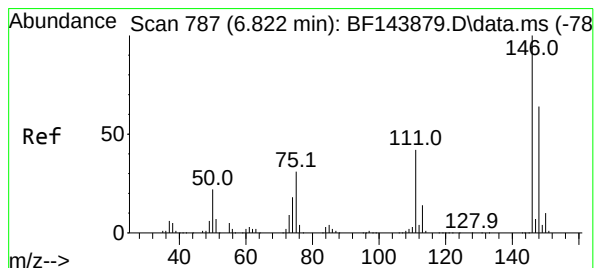
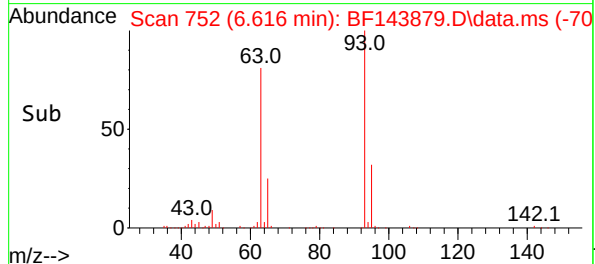
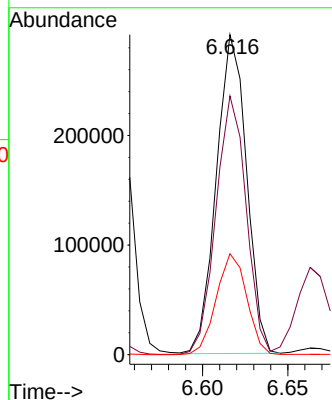
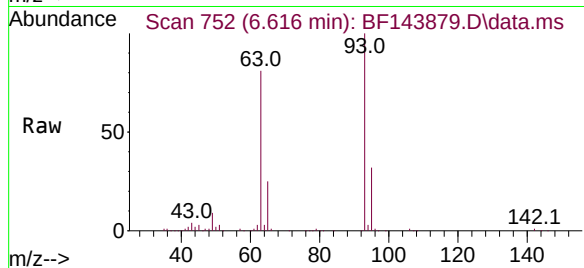
#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 358980
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 31.5 11.5 51.5

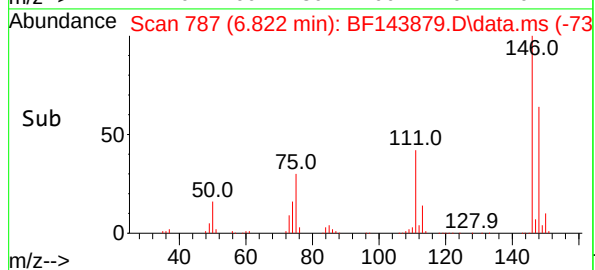
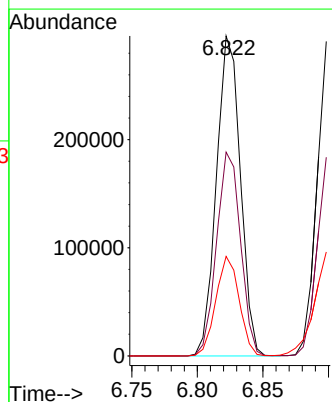
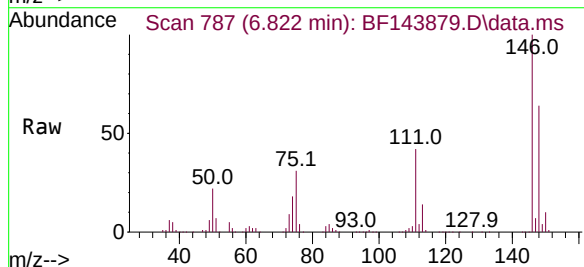
Manual Integrations
APPROVED

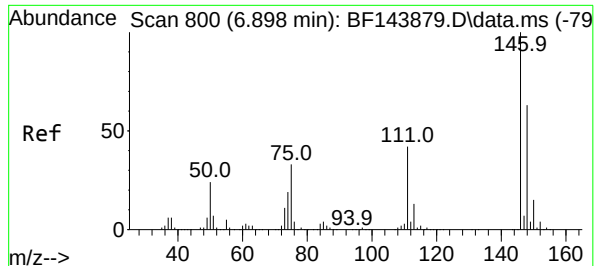
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 41.141 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 376359
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.1 24.9 37.3





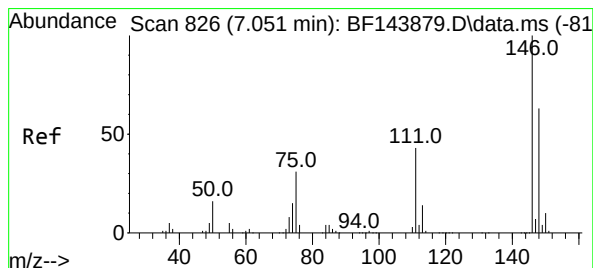
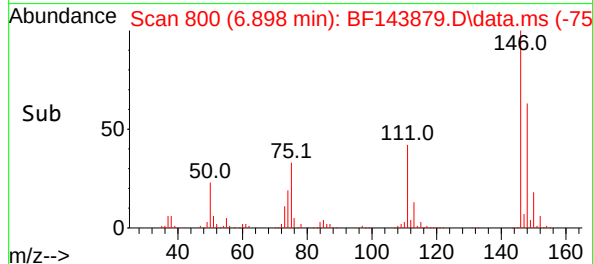
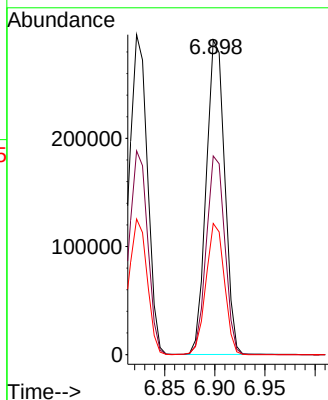
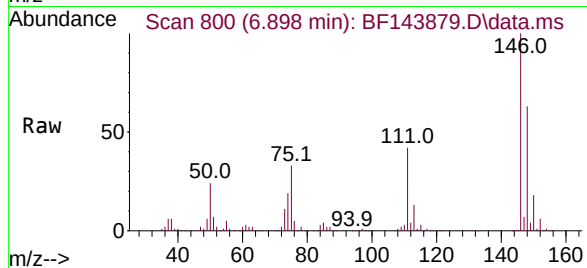
#13
1,4-Dichlorobenzene
Concen: 41.238 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion:146 Resp: 372118
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 41.7 33.4 50.0

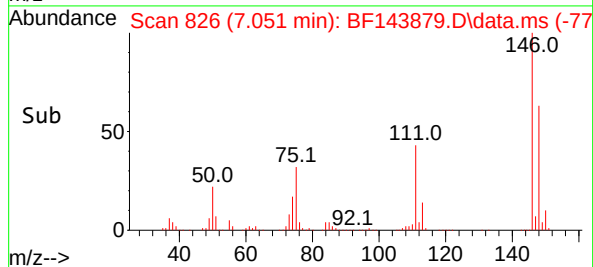
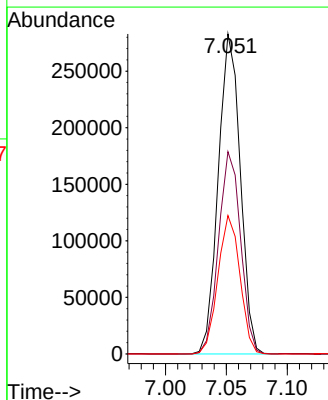
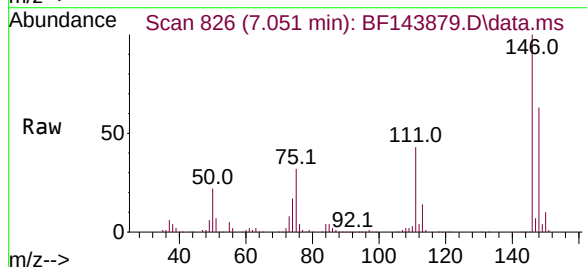
Manual Integrations
APPROVED

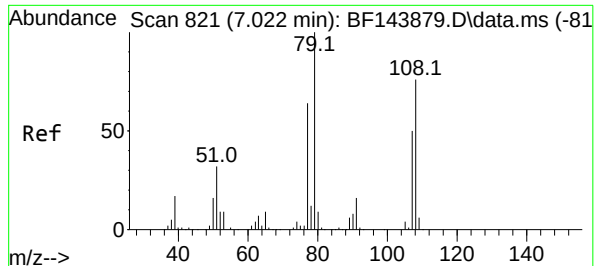
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#14
1,2-Dichlorobenzene
Concen: 41.204 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 356137
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 43.2 34.6 51.8





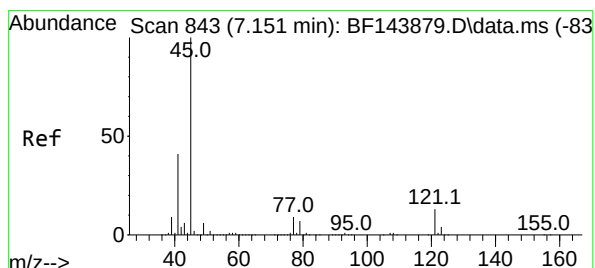
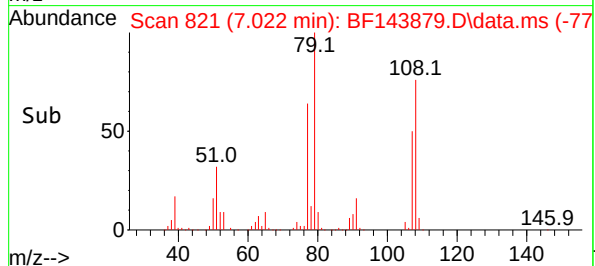
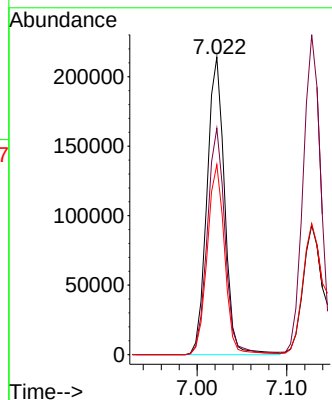
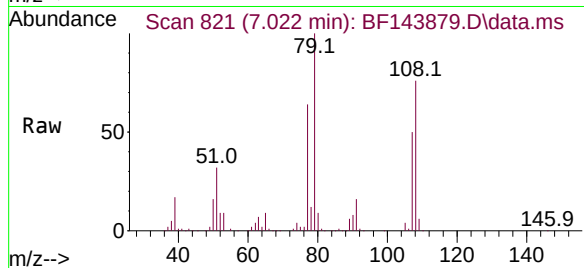
#15
Benzyl Alcohol
Concen: 41.707 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 291212
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 63.8 51.0 76.6

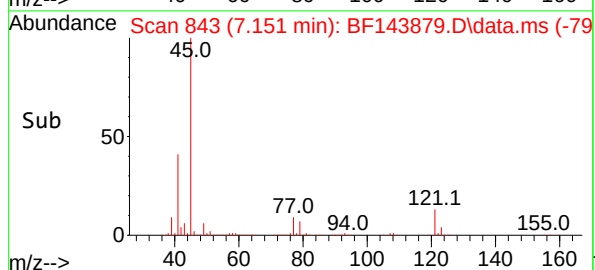
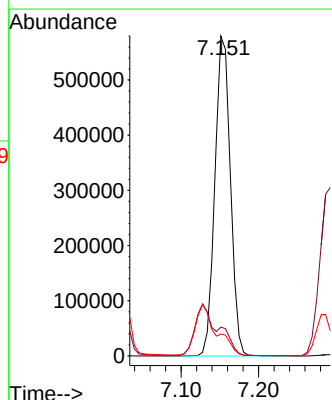
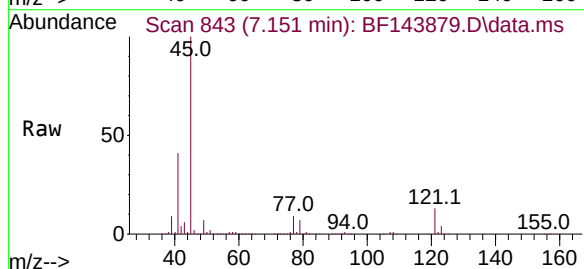
Manual Integrations
APPROVED

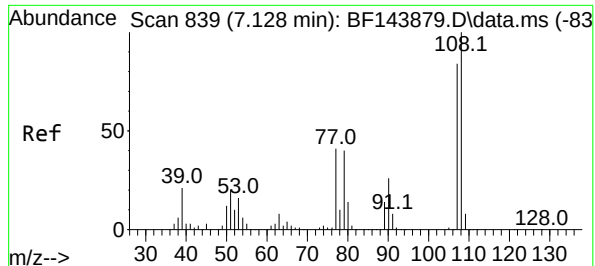
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.052 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

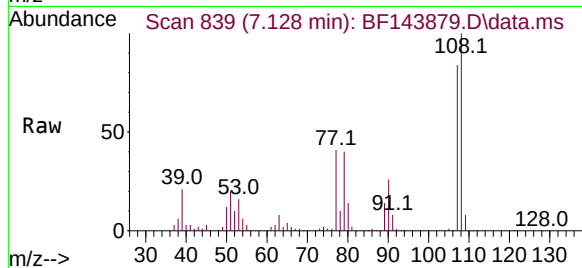
Tgt Ion: 45 Resp: 804199
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.8 0.0 26.8





#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

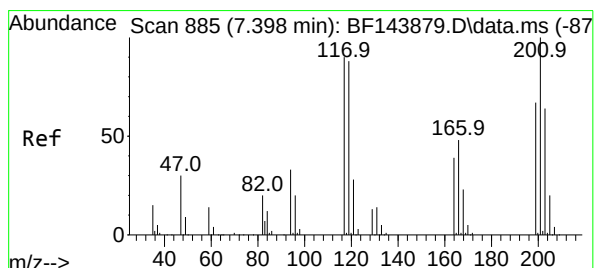
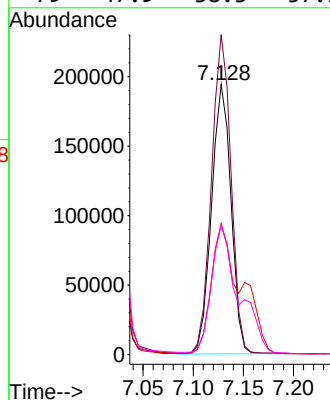
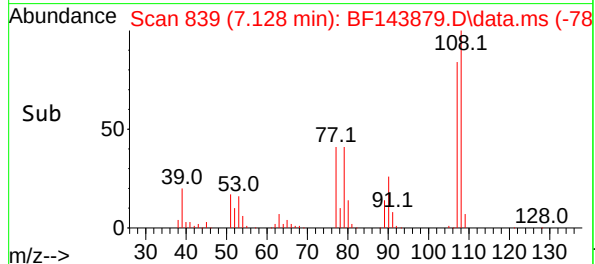
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



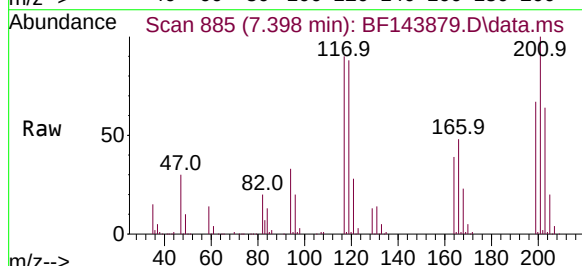
Tgt Ion:107 Resp: 261669
Ion Ratio Lower Upper
107 100
108 118.4 94.7 142.1
77 48.5 38.8 58.2
79 47.9 38.3 57.5

Manual Integrations
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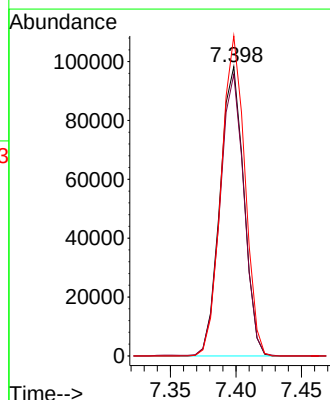
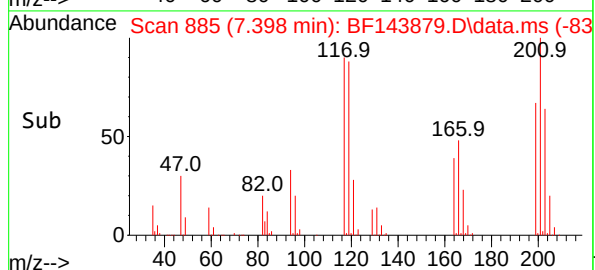
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

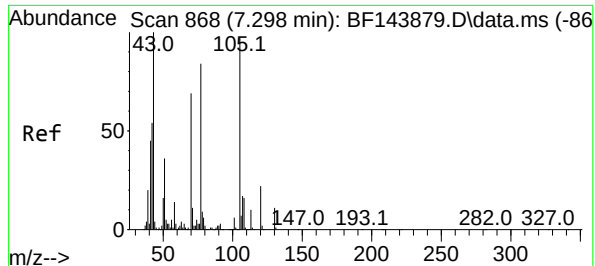


#18
Hexachloroethane
Concen: 41.313 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



Tgt Ion:117 Resp: 124325
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
201 110.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.929 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 25470

Ion Ratio Lower Upper

70 100

42 78.5 62.8 94.2

101 8.4 6.7 10.1

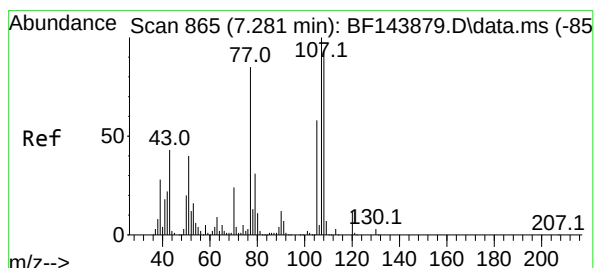
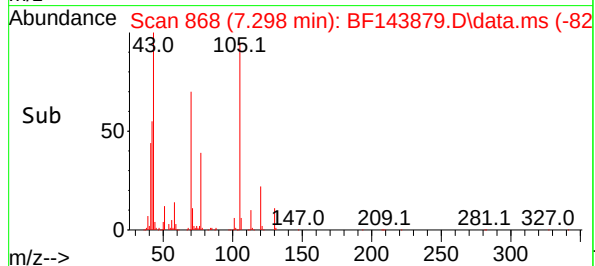
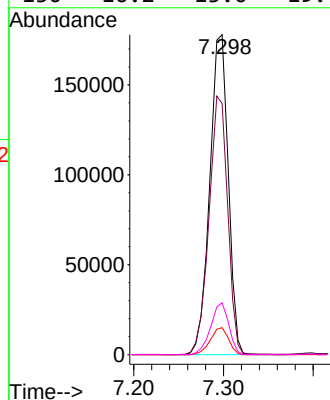
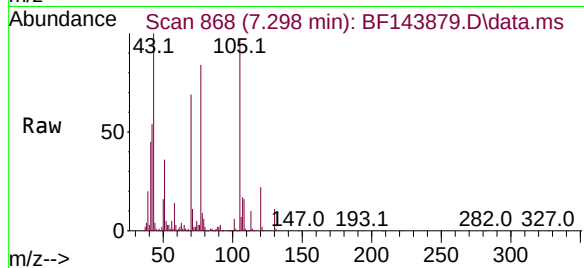
130 16.2 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 314281

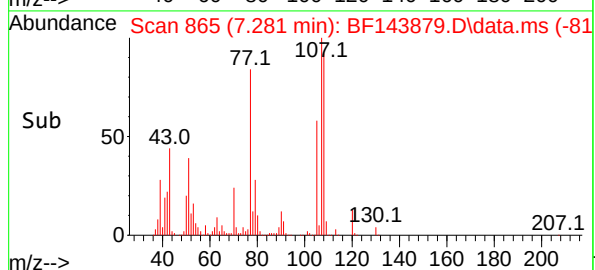
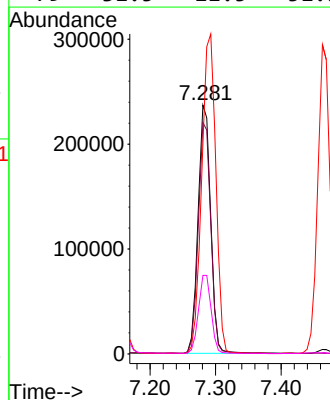
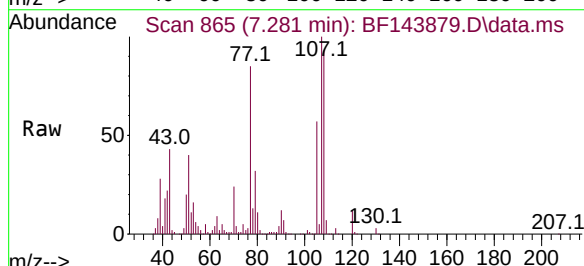
Ion Ratio Lower Upper

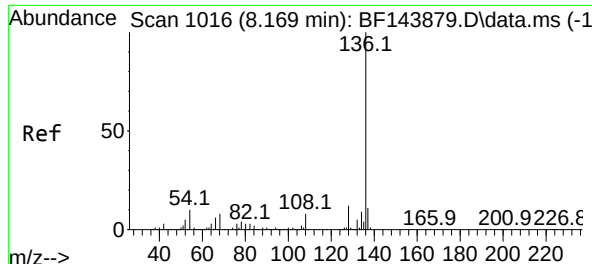
107 100

108 93.0 73.0 113.0

77 84.6 64.6 104.6

79 31.5 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 479933

Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.3 8.2 12.4

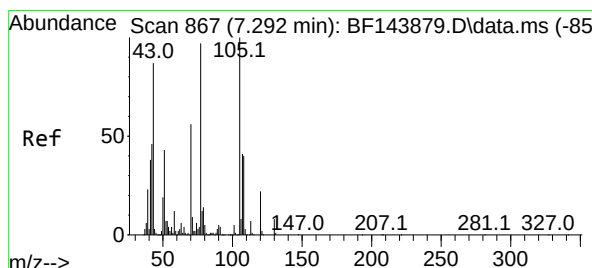
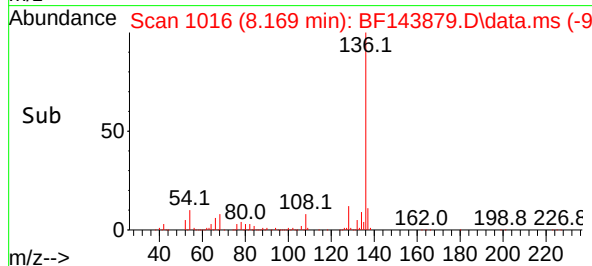
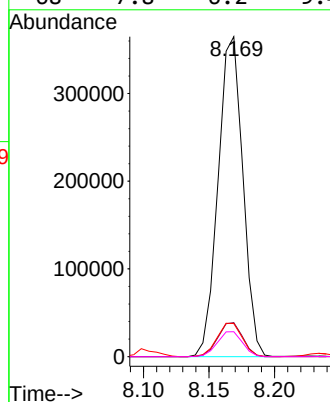
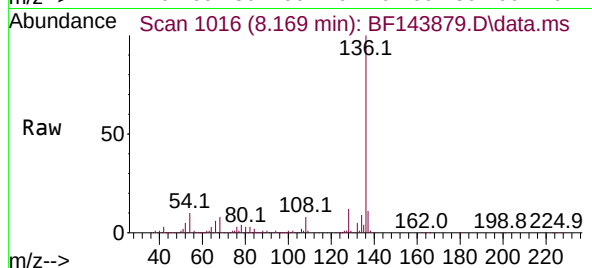
68 7.8 6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 40.946 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:105 Resp: 415513

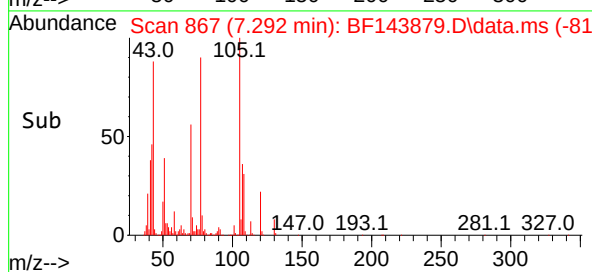
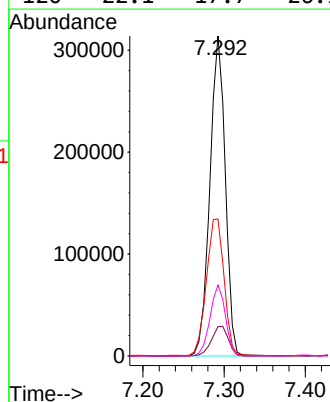
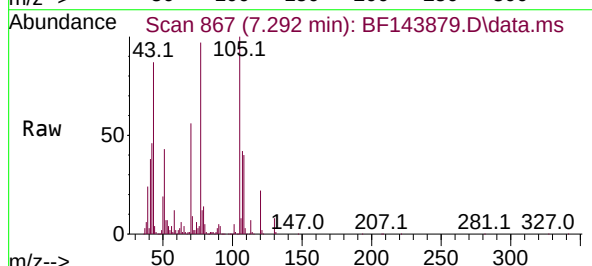
Ion Ratio Lower Upper

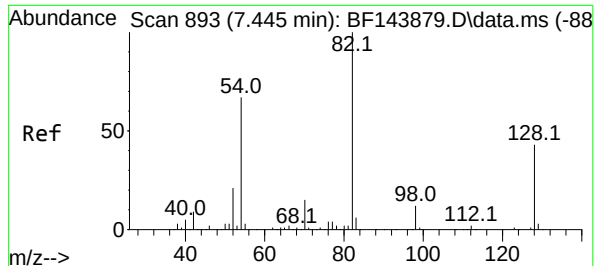
105 100

71 9.2 7.4 11.0

51 42.8 34.2 51.4

120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 83.898 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

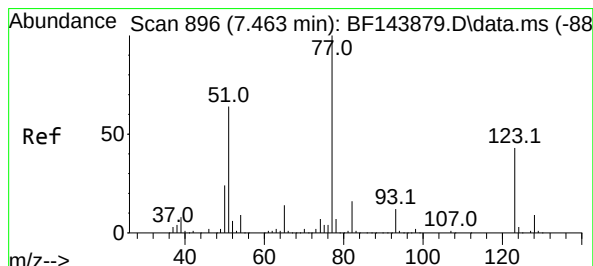
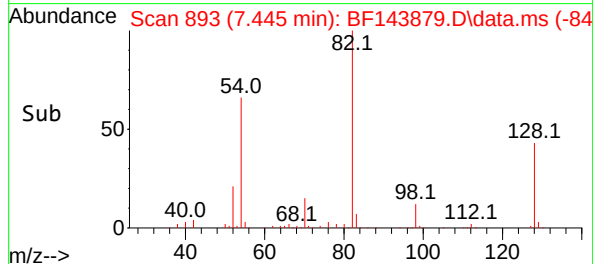
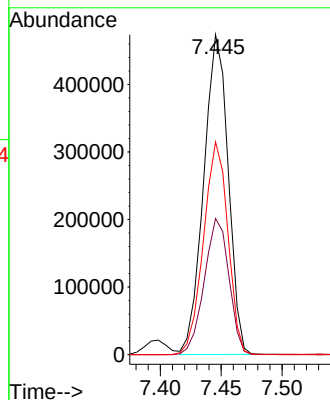
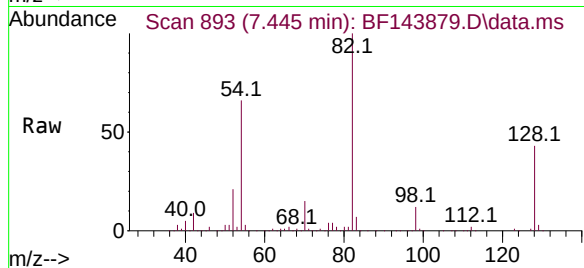
Tgt Ion:	82	Resp:	662754
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	66.5	53.2	79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 42.828 ng

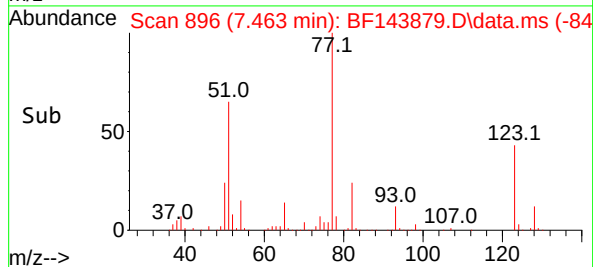
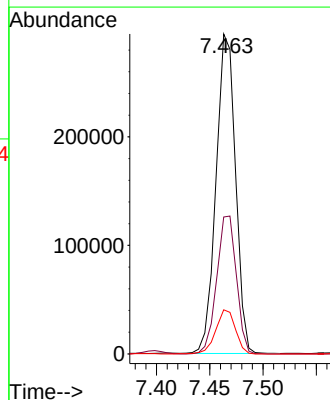
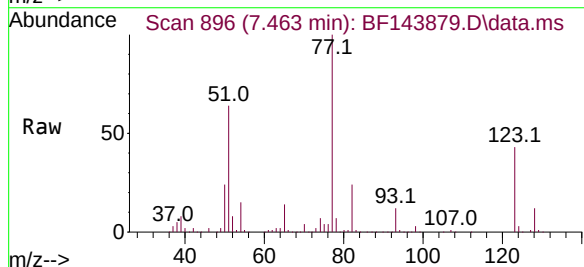
RT: 7.463 min Scan# 896

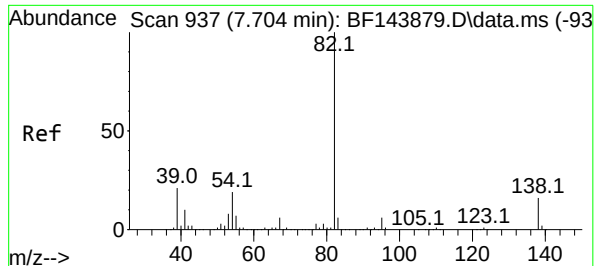
Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:	77	Resp:	375708
Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.8	11.0	16.6





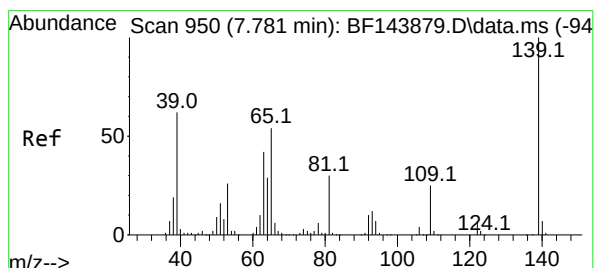
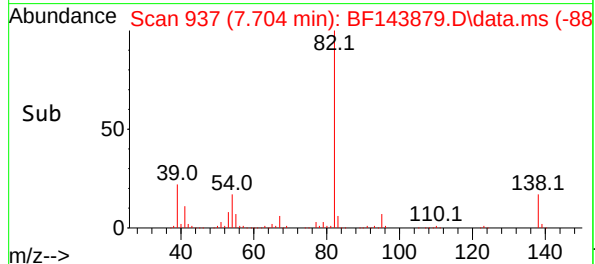
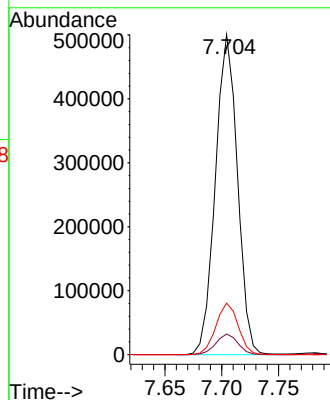
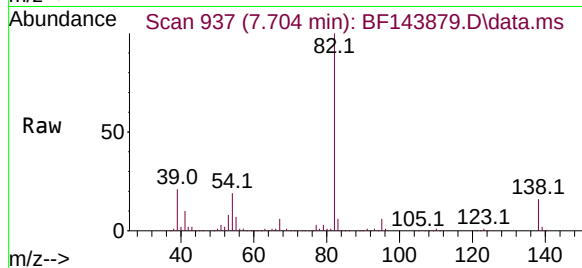
#25
Isophorone
Concen: 40.645 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 82 Resp: 67700
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.1 12.9 19.3

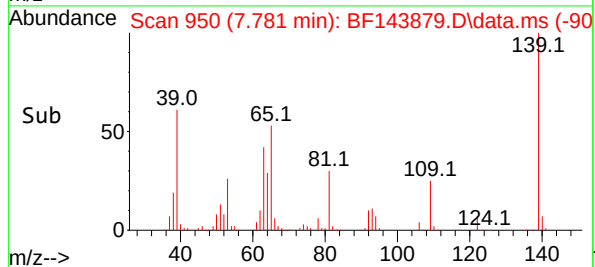
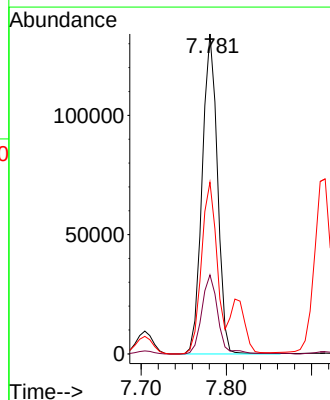
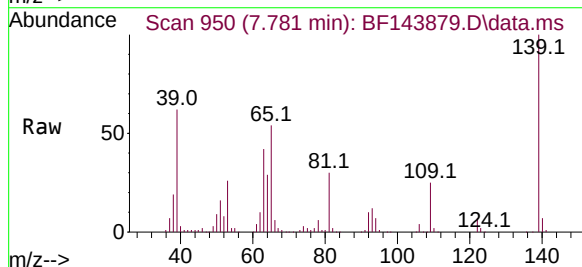
Manual Integrations
APPROVED

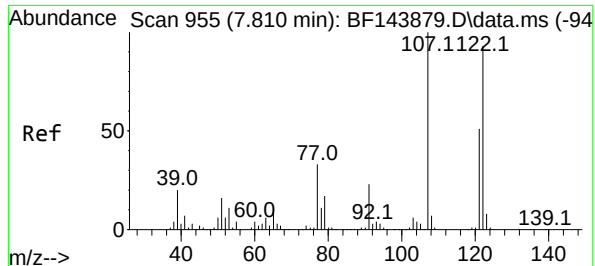
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 44.428 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:139 Resp: 167096
Ion Ratio Lower Upper
139 100
109 24.7 19.8 29.6
65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.818 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

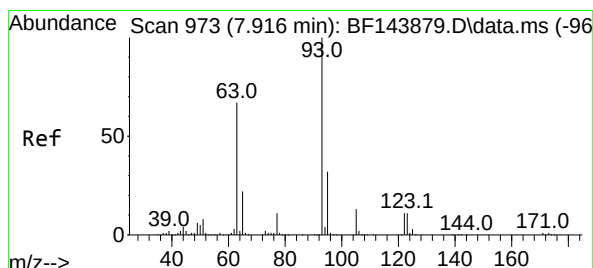
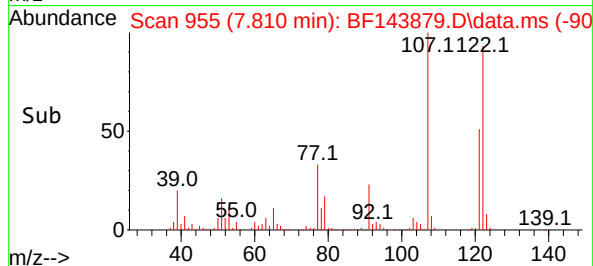
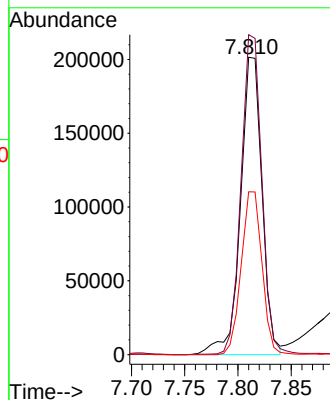
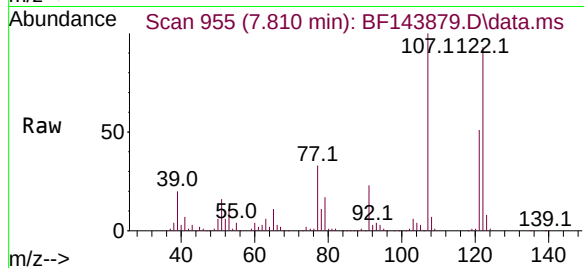
SSTDICCC040

Tgt Ion:122 Resp: 282923

Ion	Ratio	Lower	Upper
122	100		
107	107.6	86.1	129.1
121	54.7	43.8	65.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.486 ng

RT: 7.916 min Scan# 973

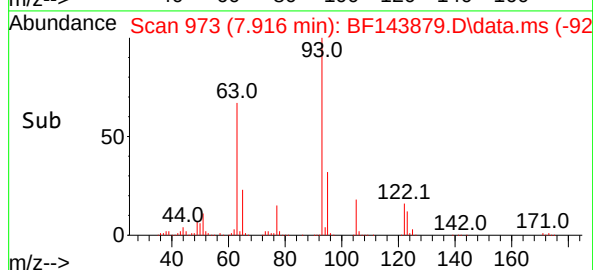
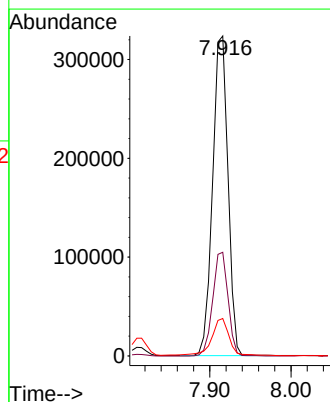
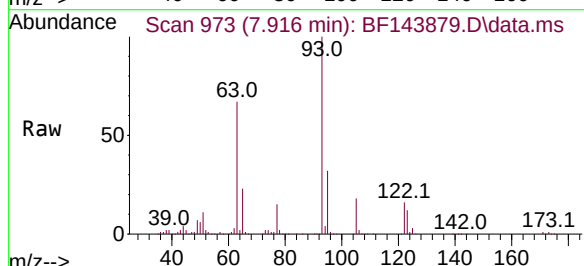
Delta R.T. -0.006 min

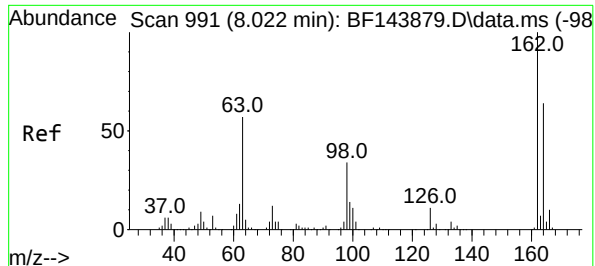
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 93 Resp: 425986

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 41.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

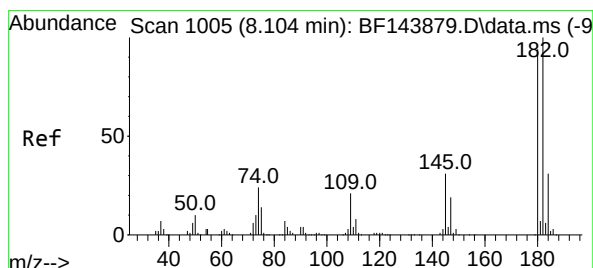
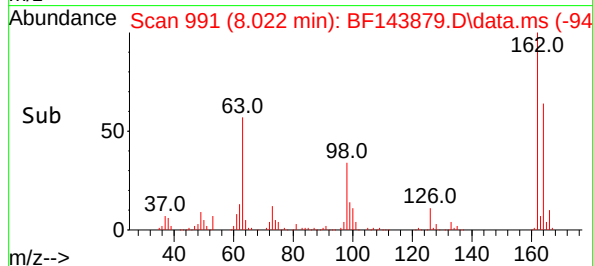
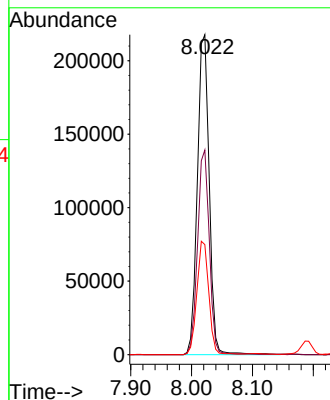
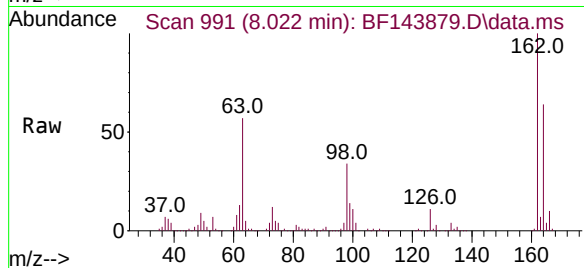
SSTDICCC040

Tgt Ion:162	Resp:	294452
Ion Ratio	Lower	Upper
162	100	
164	63.9	43.9 83.9
98	34.4	14.4 54.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.312 ng

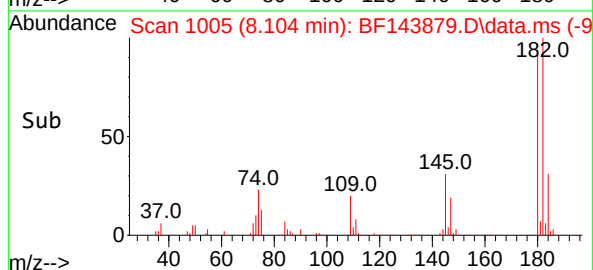
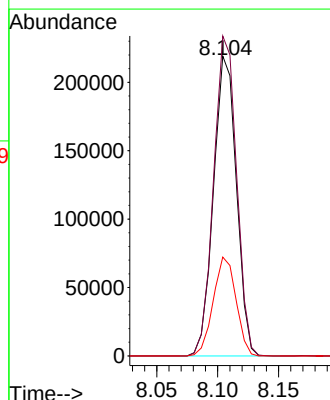
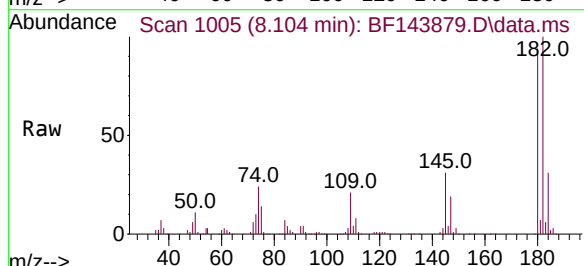
RT: 8.104 min Scan# 1005

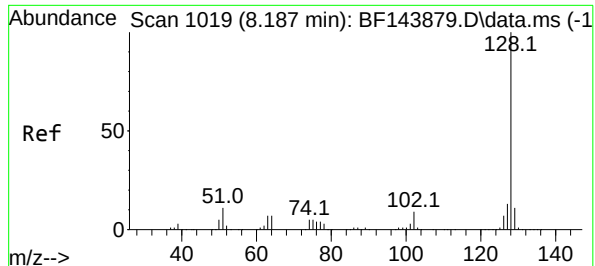
Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:180	Resp:	286330
Ion Ratio	Lower	Upper
180	100	
182	106.7	85.4 128.0
145	32.9	26.3 39.5





#31

Naphthalene

Concen: 40.961 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 894263

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

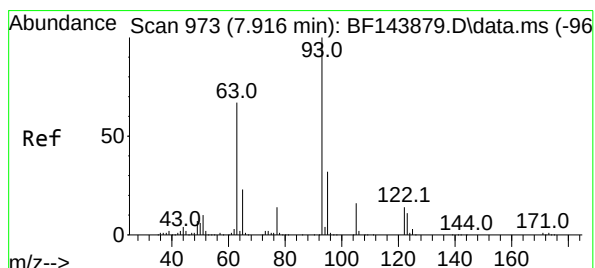
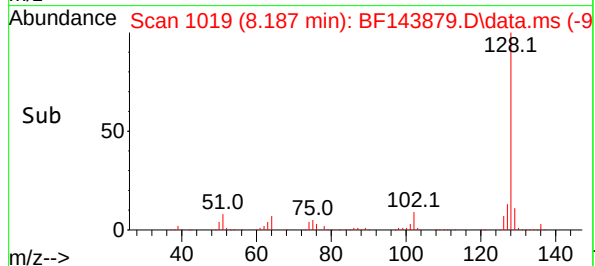
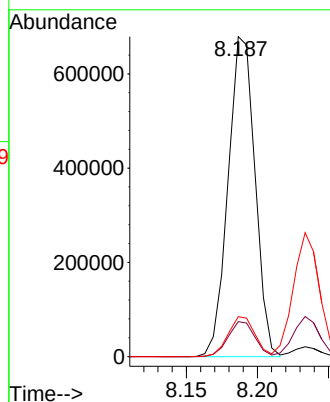
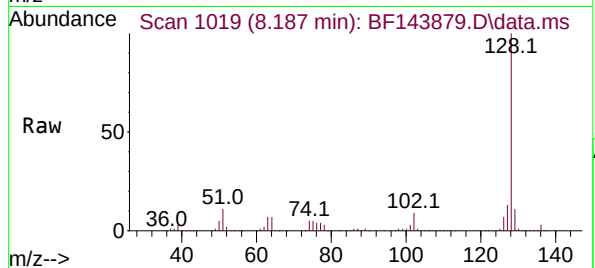
127 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 42.630 ng m

RT: 7.916 min Scan# 973

Delta R.T. -0.047 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

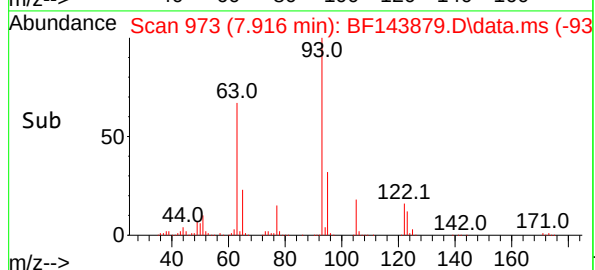
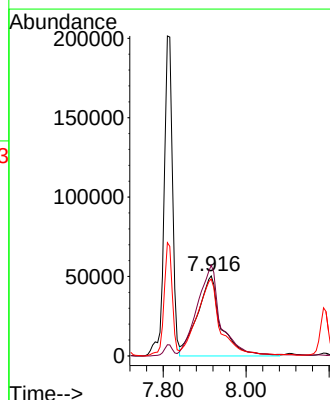
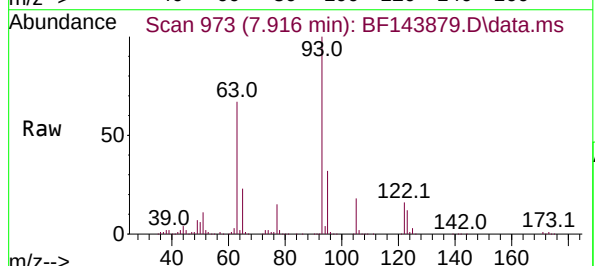
Tgt Ion:122 Resp: 199609

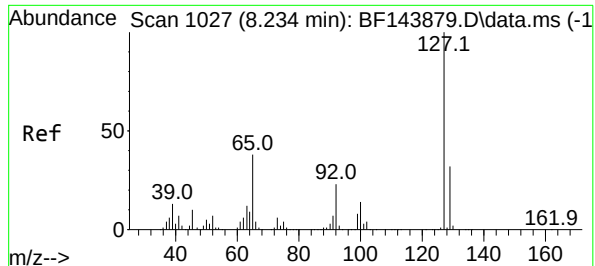
Ion Ratio Lower Upper

122 100

105 113.5 93.5 133.5

77 96.3 76.3 116.3





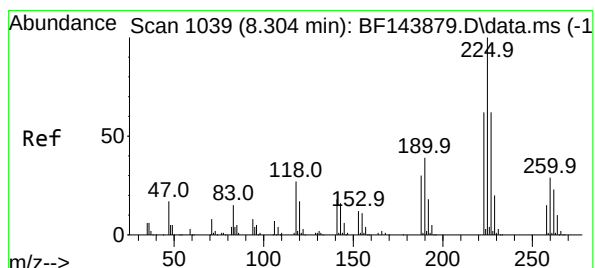
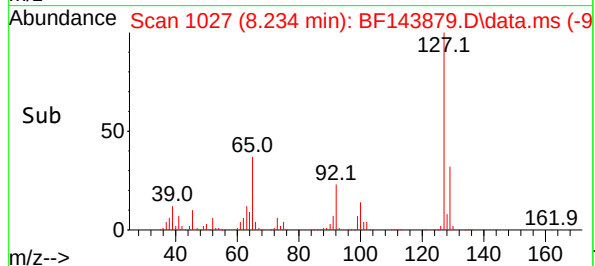
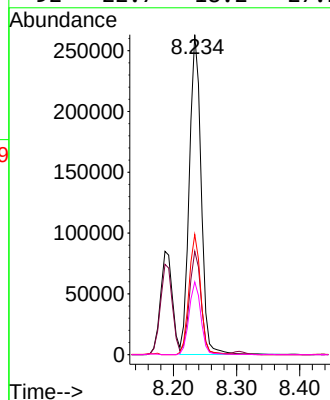
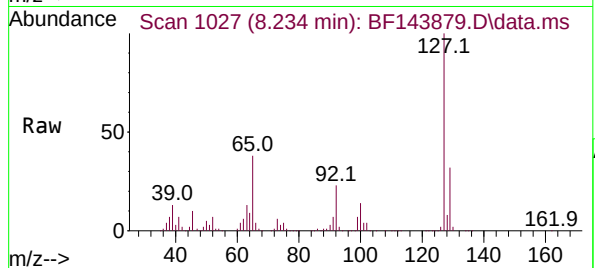
#33
4-Chloroaniline
Concen: 41.630 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion:127 Resp: 340866
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 37.5 30.0 45.0
92 22.7 18.2 27.2

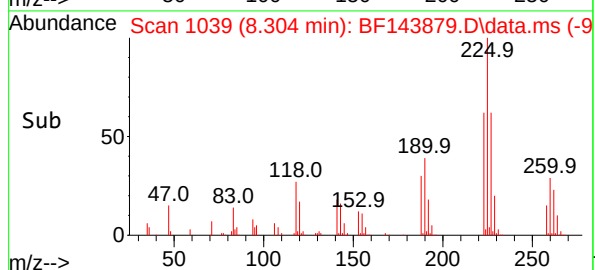
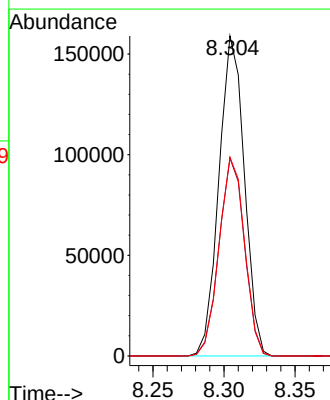
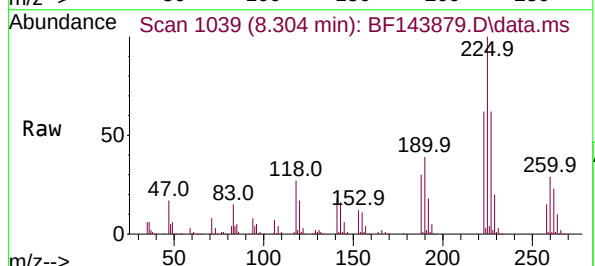
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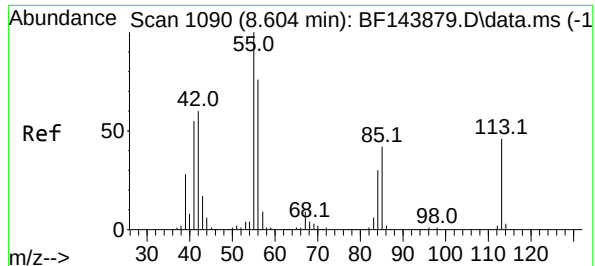
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 41.170 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

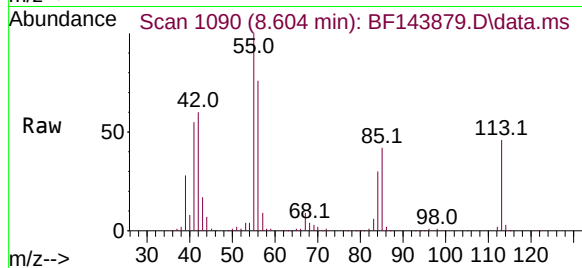
Tgt Ion:225 Resp: 198282
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.2
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 40.816 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

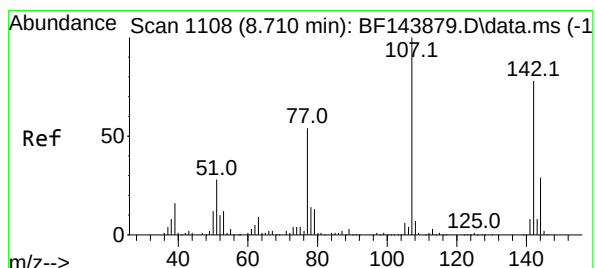
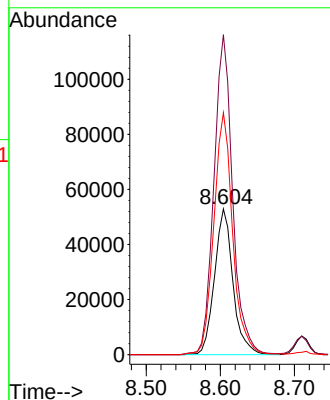
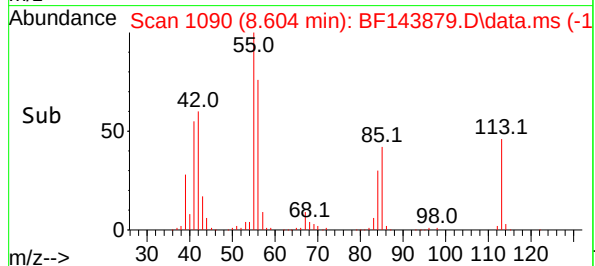
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 91458
Ion Ratio Lower Upper
113 100
55 219.6 199.6 239.6
56 166.0 146.0 186.0

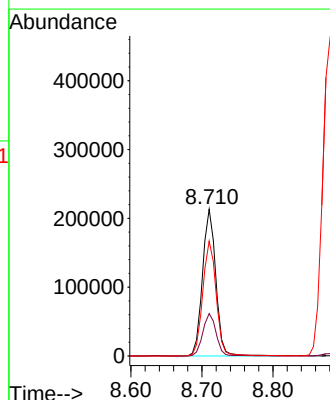
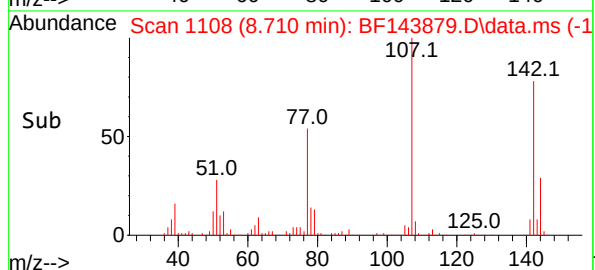
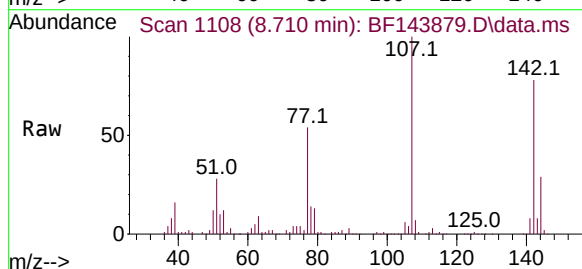
Manual Integrations
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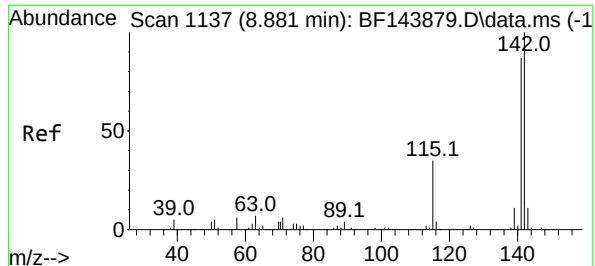
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 40.758 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 275908
Ion Ratio Lower Upper
107 100
144 28.9 23.1 34.7
142 78.3 62.6 94.0





#37

2-Methylnaphthalene

Concen: 40.669 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 591428

Ion Ratio Lower Upper

142 100

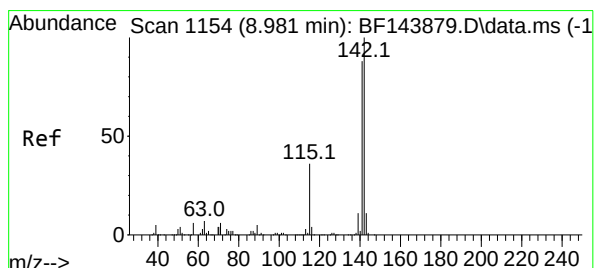
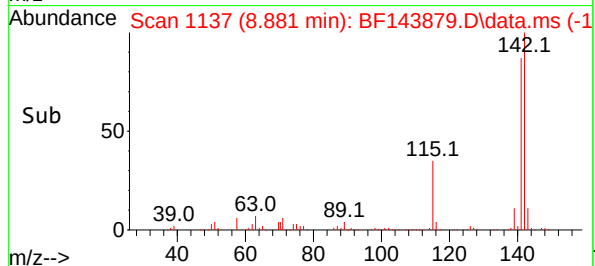
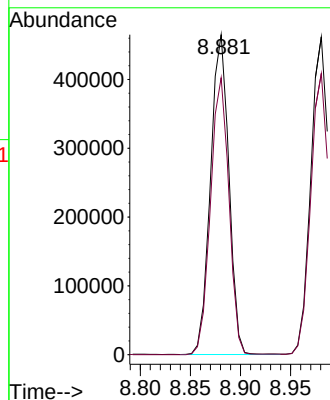
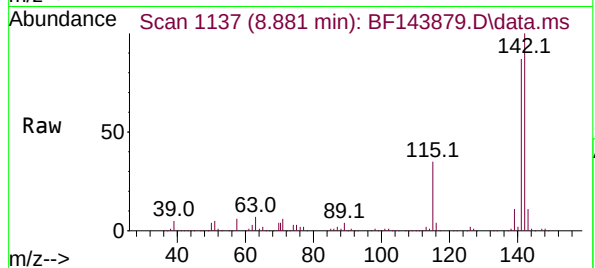
141 86.5 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143879.D

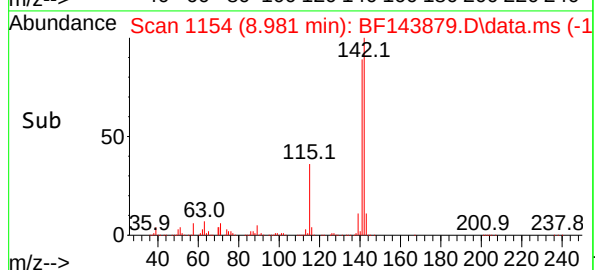
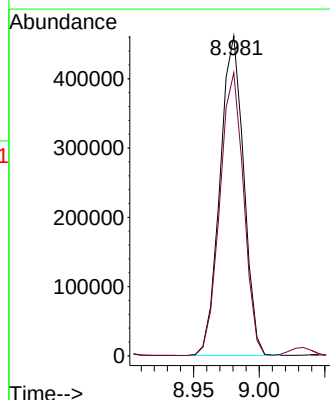
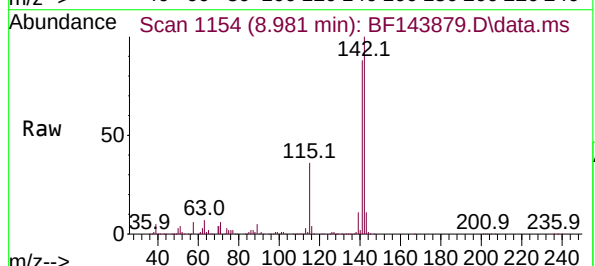
Acq: 06 Oct 2025 12:54

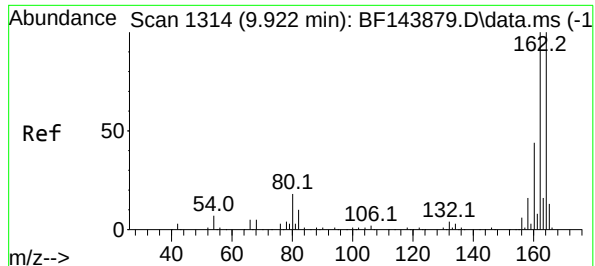
Tgt Ion:142 Resp: 581114

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143879.D

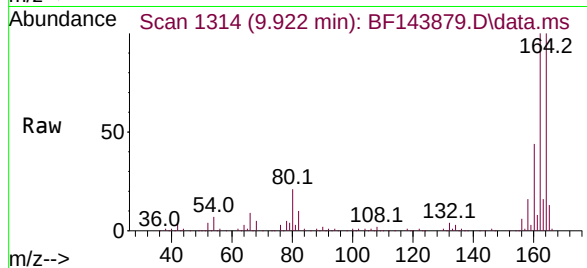
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 260024

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

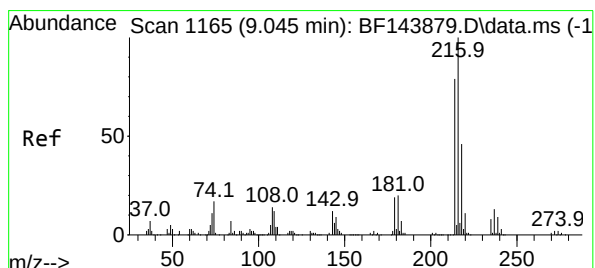
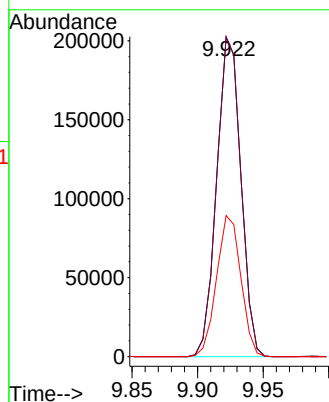
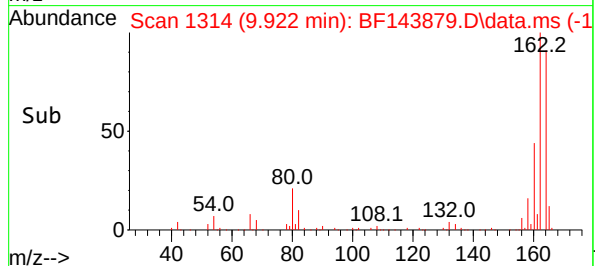
160 44.2 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

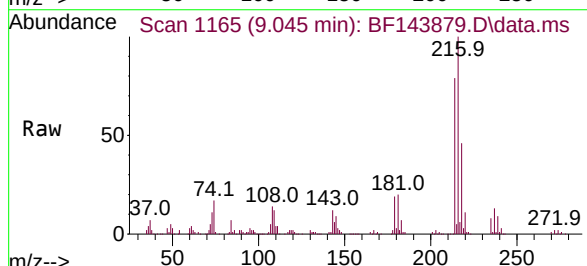
Concen: 42.665 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



Tgt Ion:216 Resp: 306622

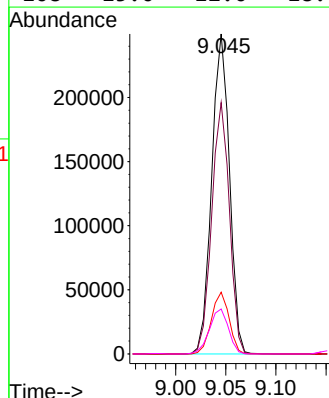
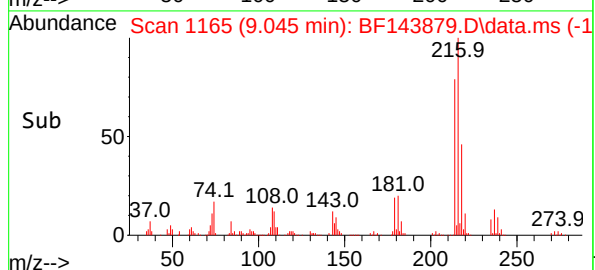
Ion Ratio Lower Upper

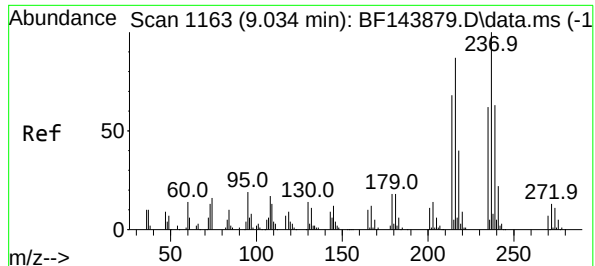
216 100

214 78.3 62.6 94.0

179 19.2 15.4 23.0

108 15.0 12.0 18.0





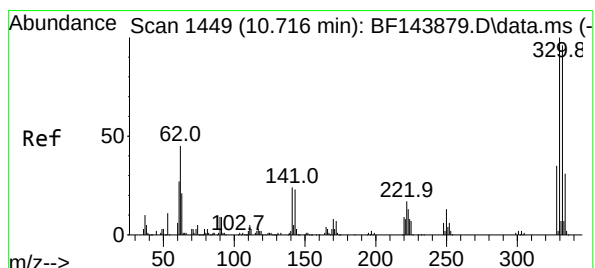
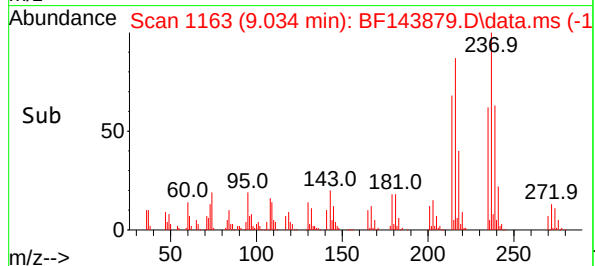
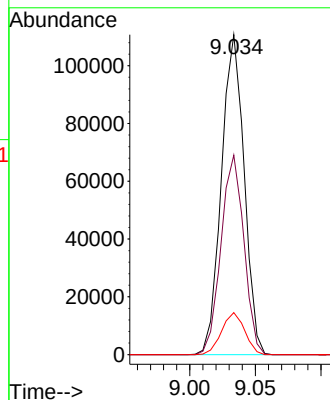
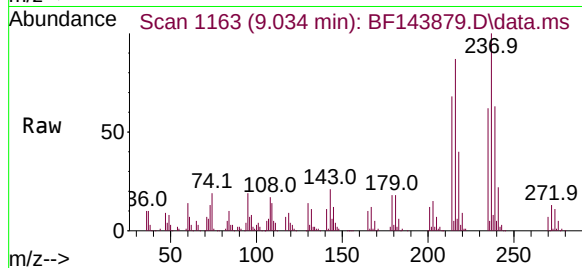
#41
Hexachlorocyclopentadiene
Concen: 44.842 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 237 Resp: 133694
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 13.1 0.0 33.1

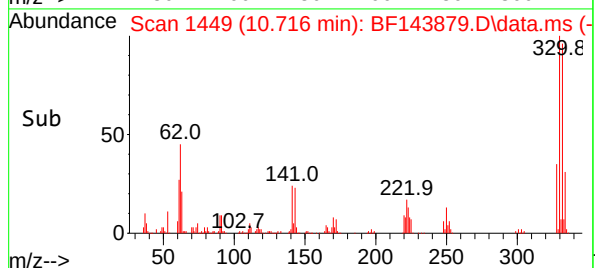
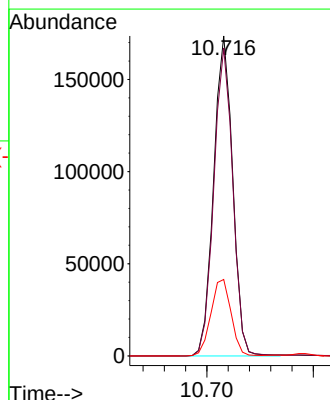
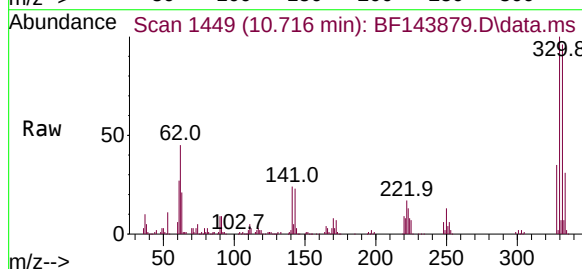
Manual Integrations
APPROVED

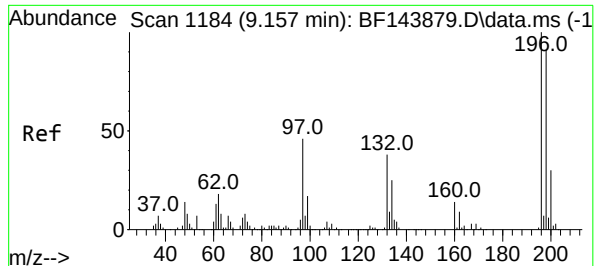
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#42
2,4,6-Tribromophenol
Concen: 83.200 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 330 Resp: 215478
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 25.3 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 44.081 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 231469

Ion Ratio Lower Upper

196 100

198 91.0 72.8 109.2

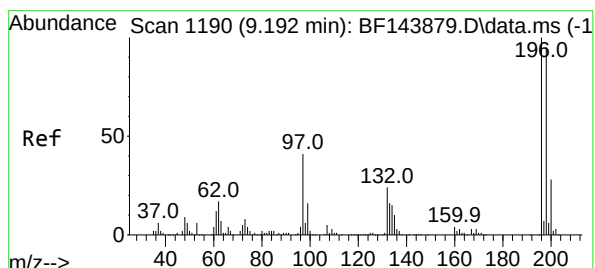
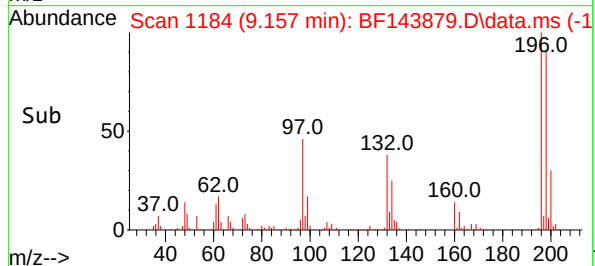
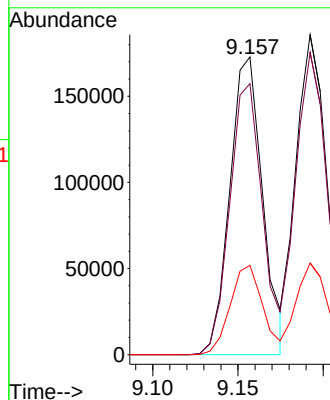
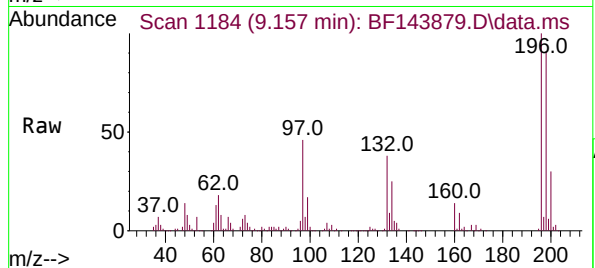
200 30.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

Concen: 42.739 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 237161

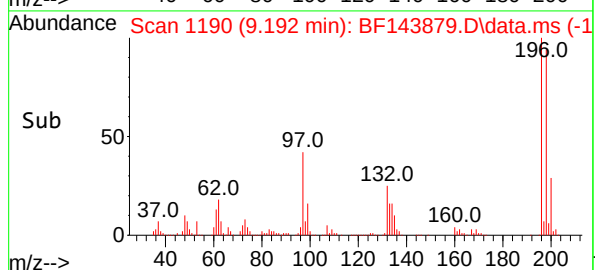
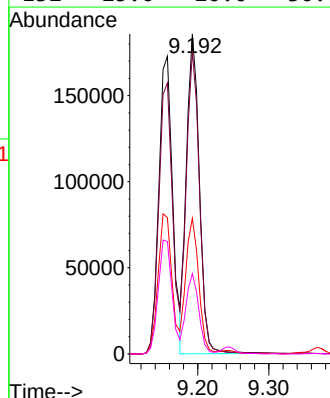
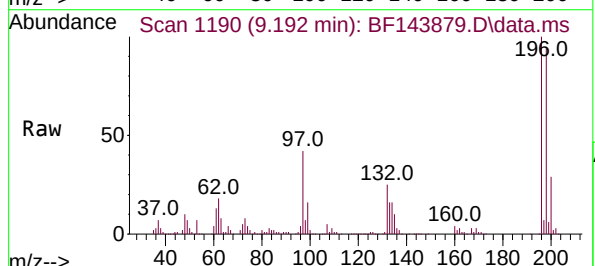
Ion Ratio Lower Upper

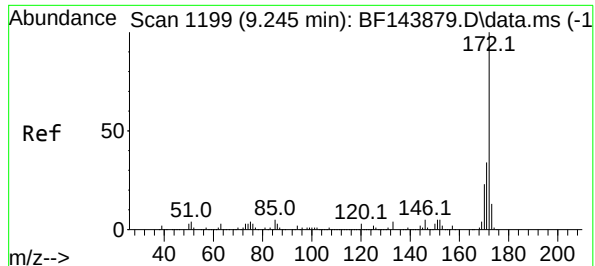
196 100

198 94.4 75.5 113.3

97 42.4 33.9 50.9

132 25.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.695 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1273210

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

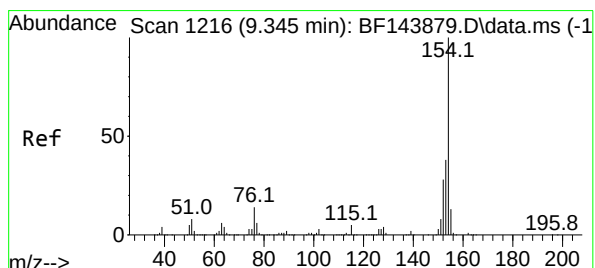
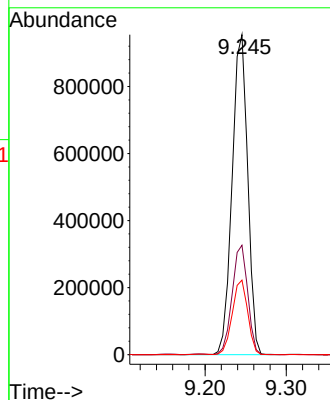
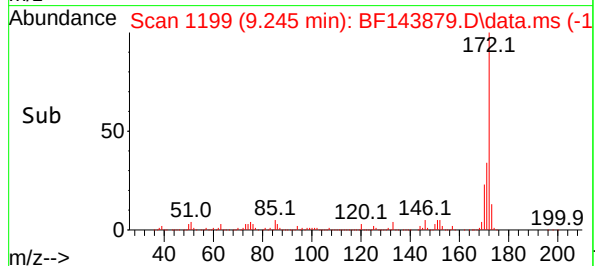
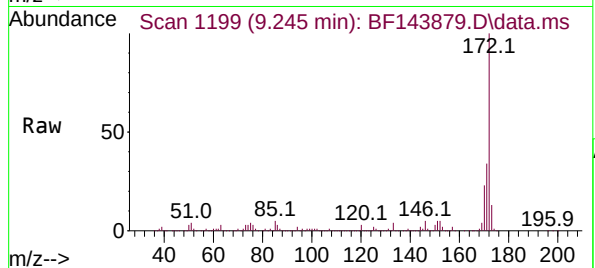
170 23.3 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 41.490 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

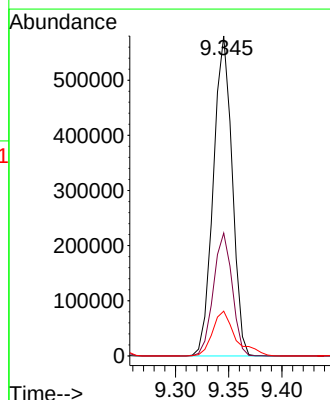
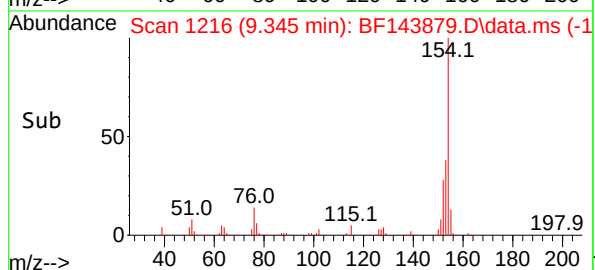
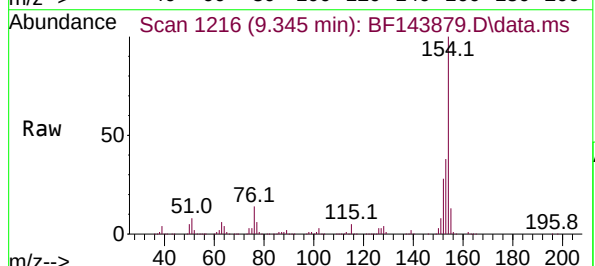
Tgt Ion:154 Resp: 714293

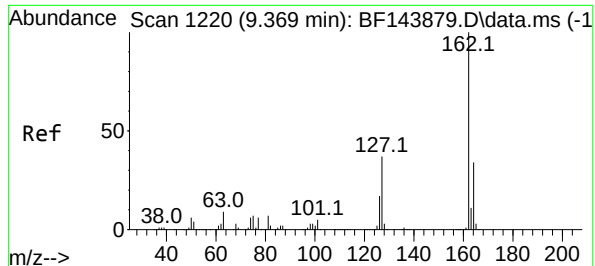
Ion Ratio Lower Upper

154 100

153 38.4 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.204 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

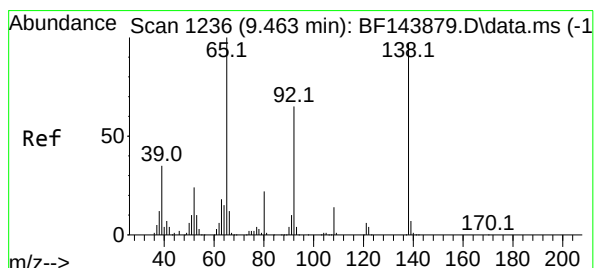
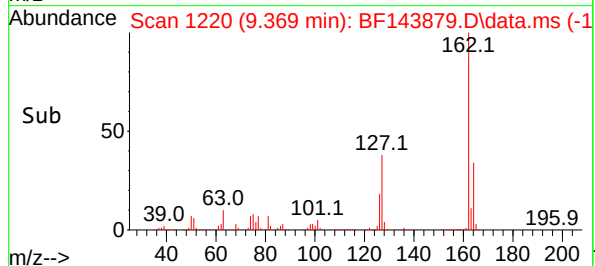
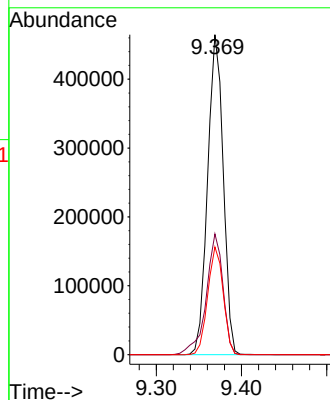
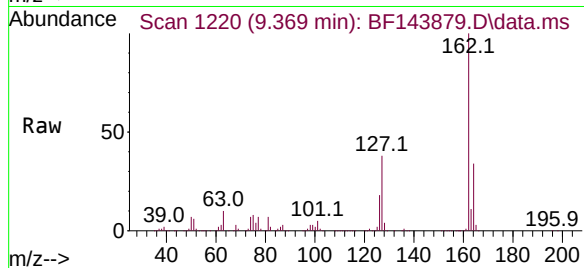
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.2	45.2
164	33.6	26.9	40.3

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 44.894 ng

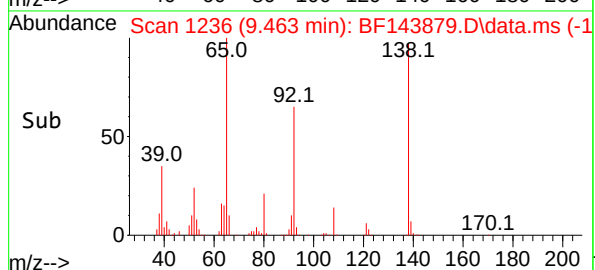
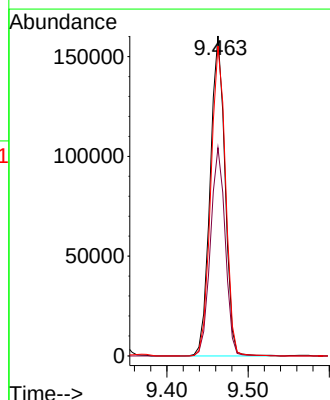
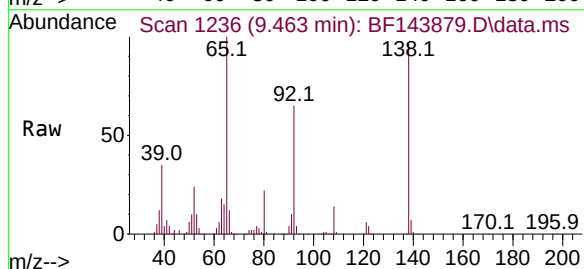
RT: 9.463 min Scan# 1236

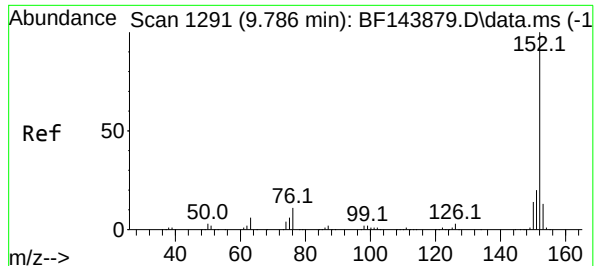
Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	52.1	78.1
138	96.8	77.4	116.2





#49

Acenaphthylene

Concen: 41.828 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 844062

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

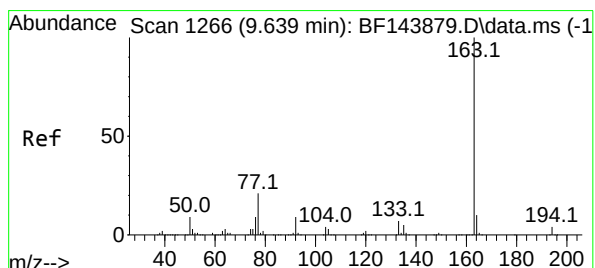
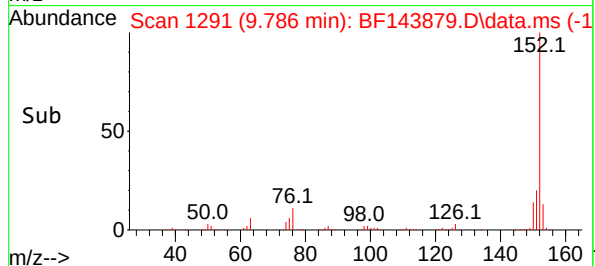
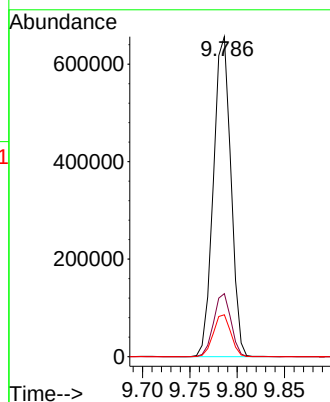
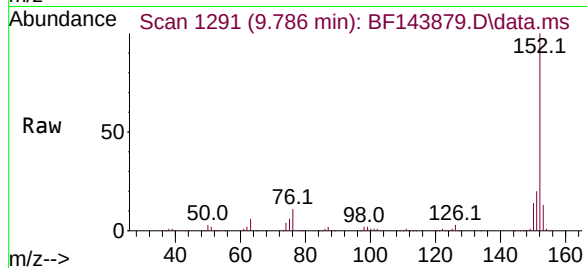
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

Concen: 40.653 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

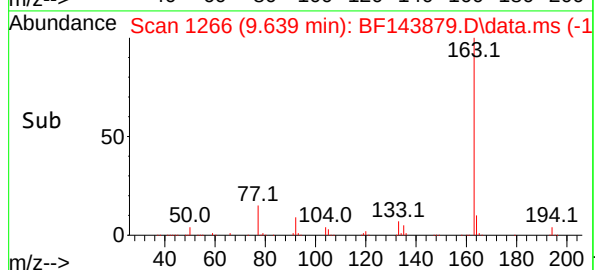
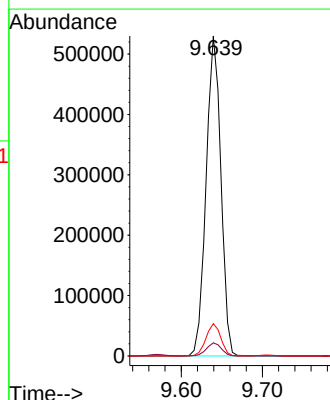
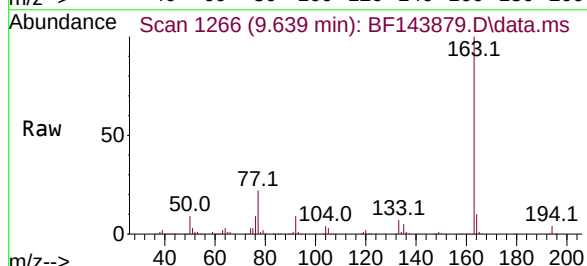
Tgt Ion:163 Resp: 671290

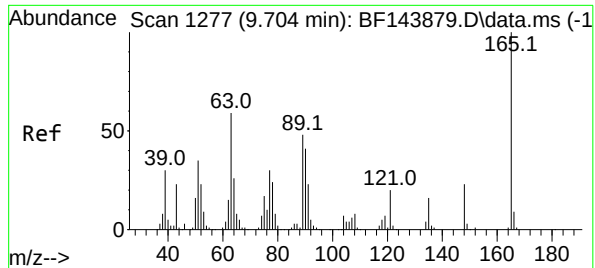
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

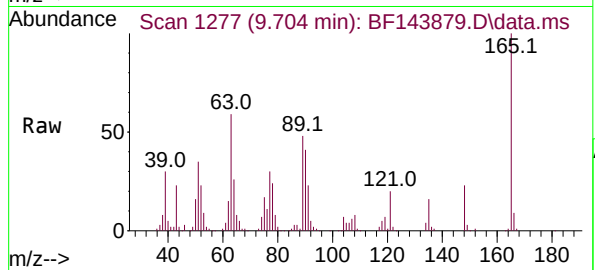
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.481 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

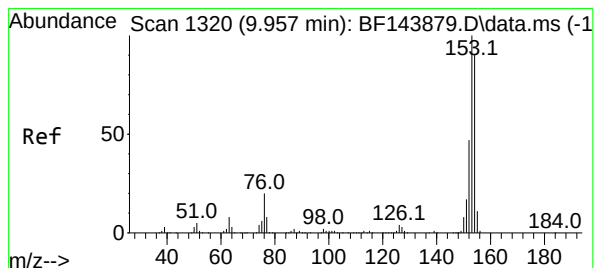
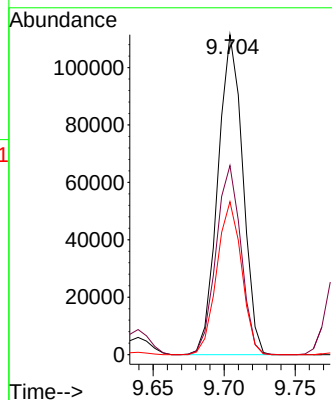
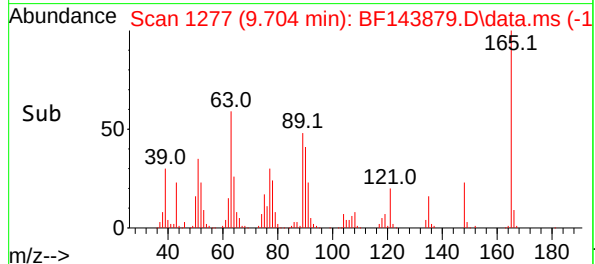
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion:165 Resp: 136198
Ion Ratio Lower Upper
165 100
63 59.1 47.3 70.9
89 47.8 38.2 57.4

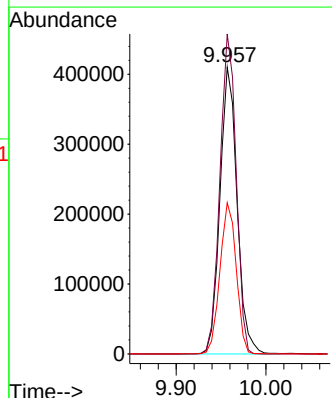
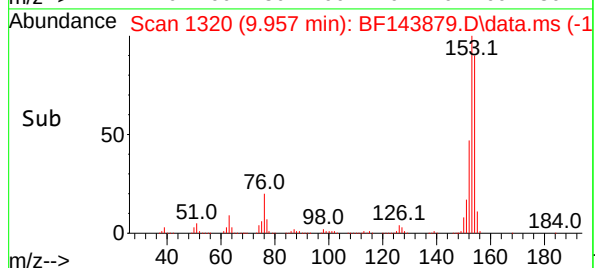
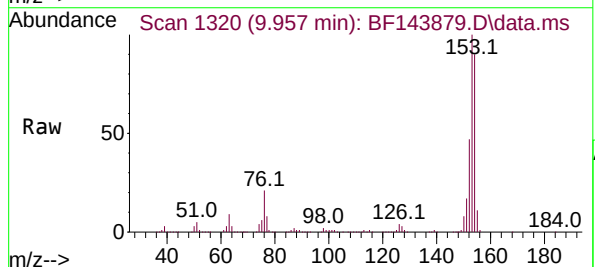
Manual Integrations
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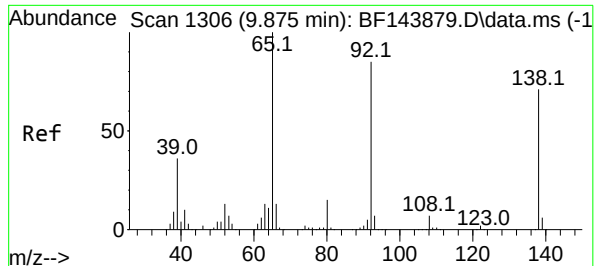
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 41.390 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

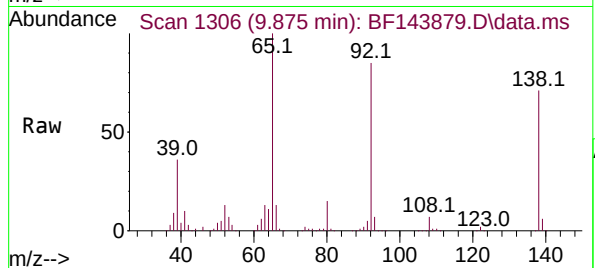
Tgt Ion:154 Resp: 547286
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 52.7 42.2 63.2





#53
3-Nitroaniline
Concen: 42.507 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

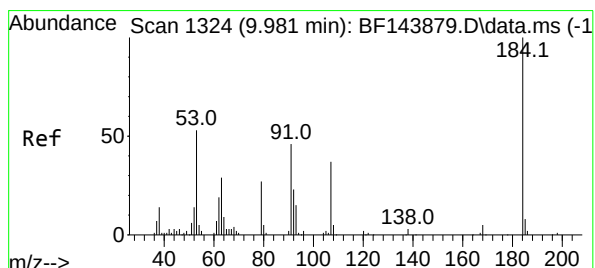
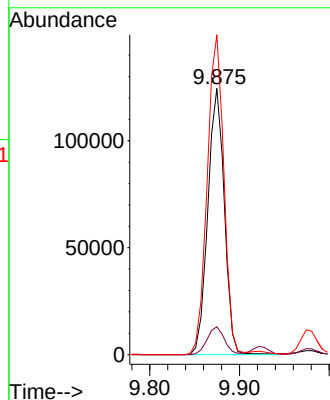
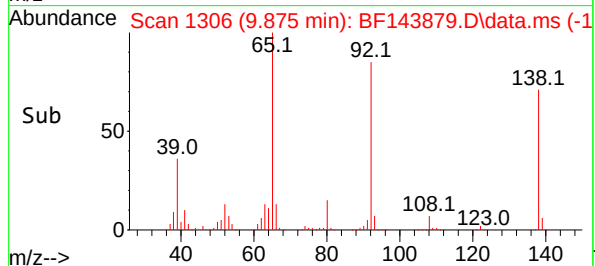
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 159366
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 120.2 96.2 144.2

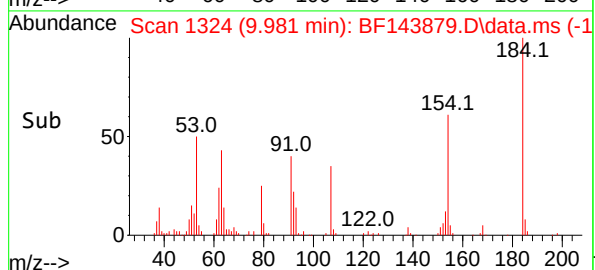
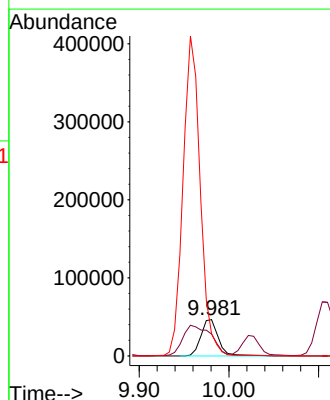
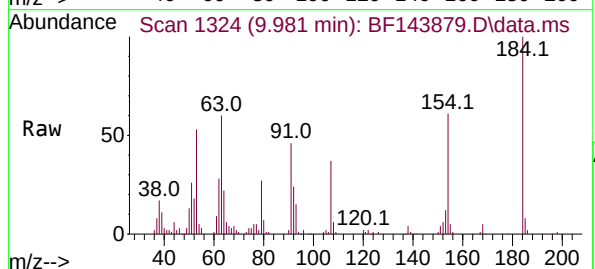
Manual Integrations
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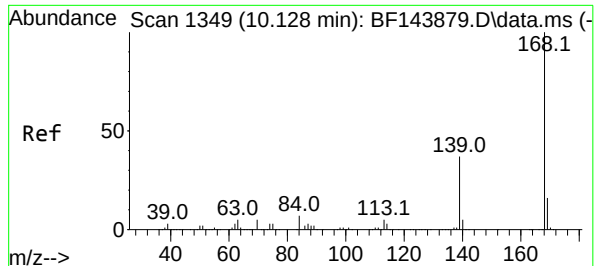
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 37.010 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 62187
Ion Ratio Lower Upper
184 100
63 60.3 48.2 72.4
154 61.5 49.2 73.8





#55

Dibenzenofuran

Concen: 41.625 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 776950

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

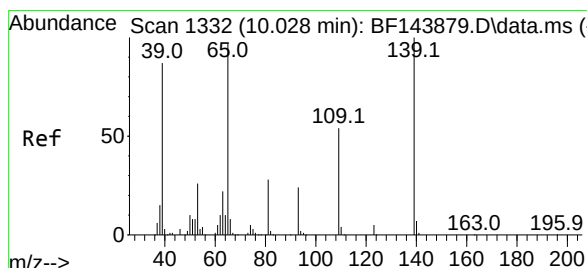
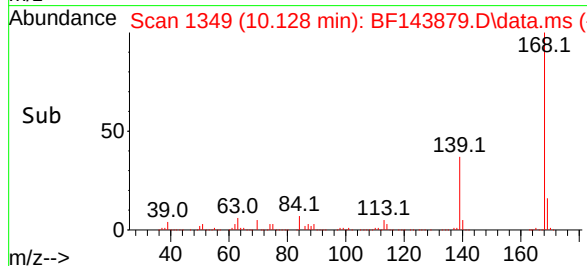
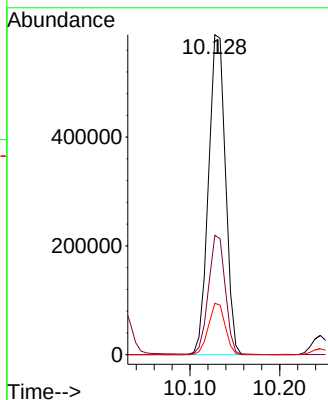
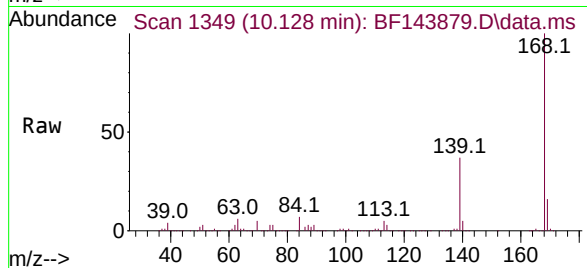
169 16.0 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 42.807 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

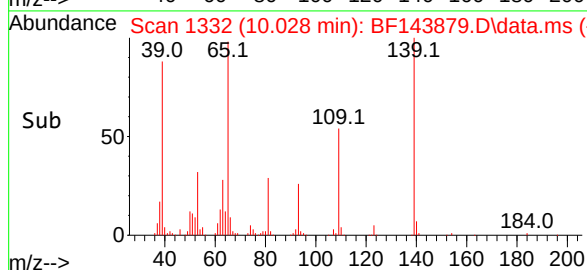
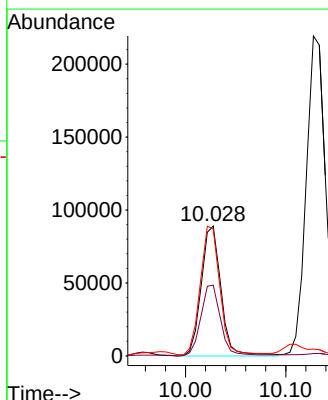
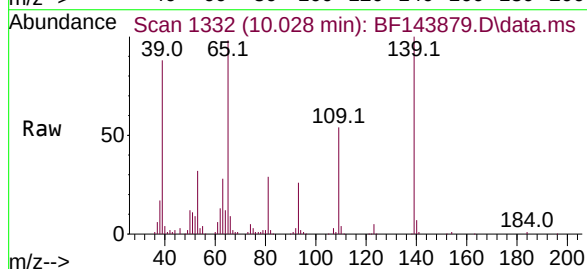
Tgt Ion:139 Resp: 121519

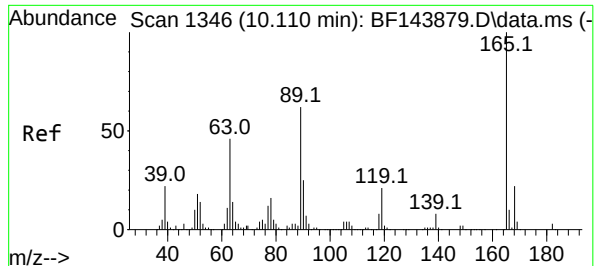
Ion Ratio Lower Upper

139 100

109 54.5 34.5 74.5

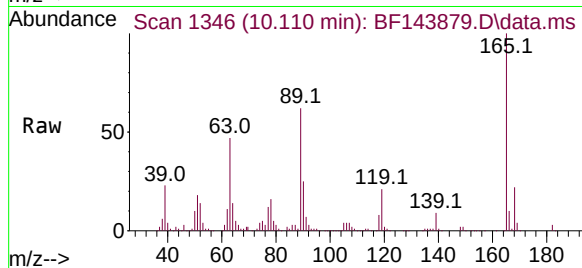
65 97.6 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 45.597 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

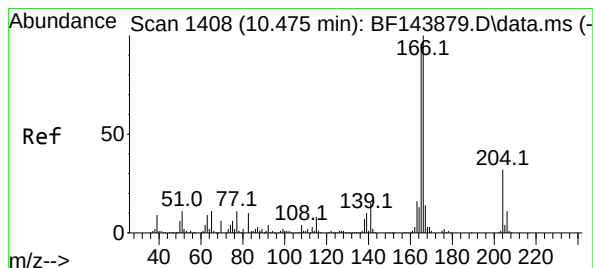
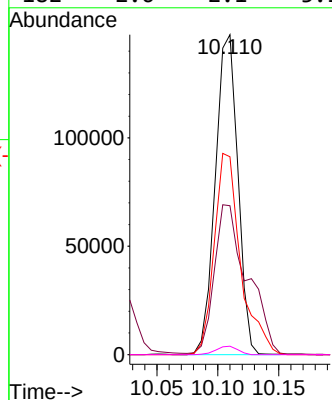
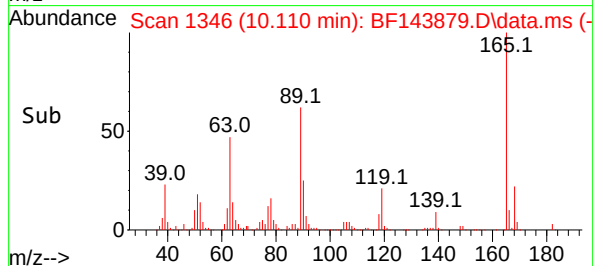
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 189965
Ion Ratio Lower Upper
165 100
63 46.5 37.2 55.8
89 61.8 49.4 74.2
182 2.6 2.1 3.1

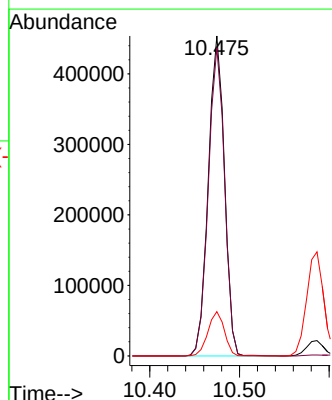
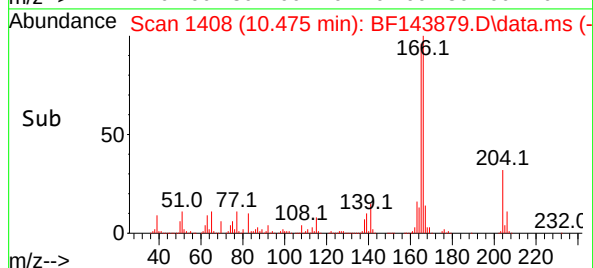
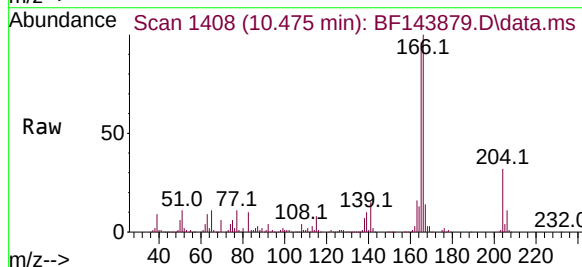
Manual Integrations
APPROVED

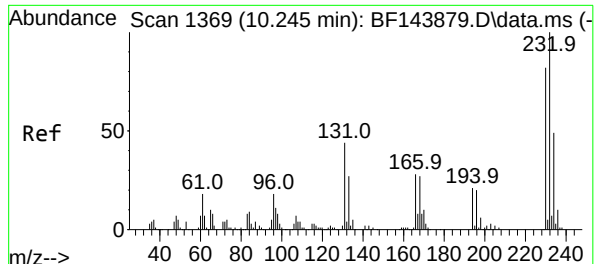
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 40.506 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

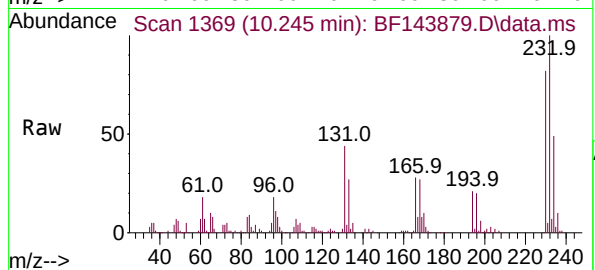
Tgt Ion:166 Resp: 570508
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.6
167 13.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

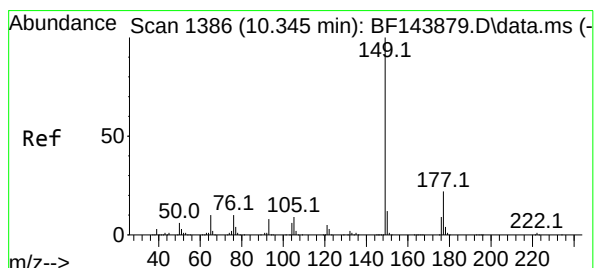
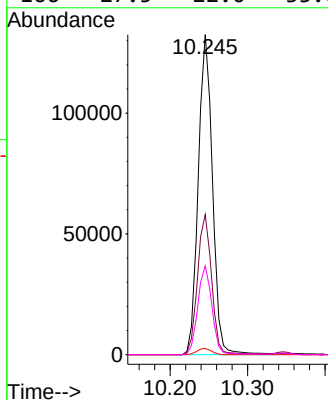
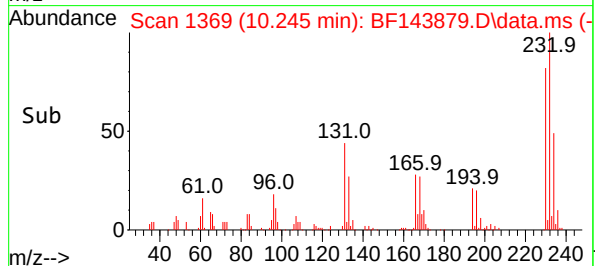
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



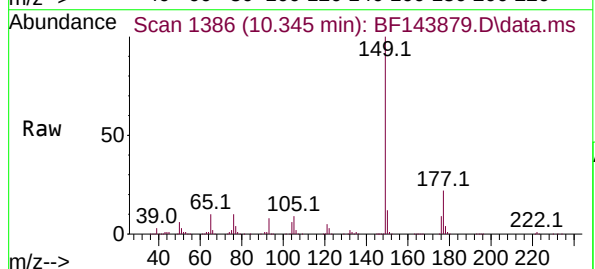
Tgt Ion:232 Resp: 168932
Ion Ratio Lower Upper
232 100
131 43.6 34.9 52.3
130 2.0 1.6 2.4
166 27.5 22.0 33.0

Manual Integrations
APPROVED

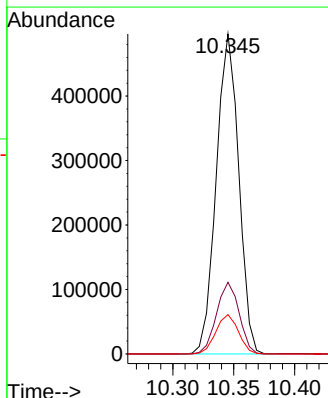
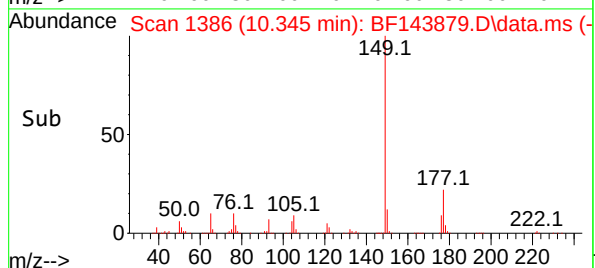
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

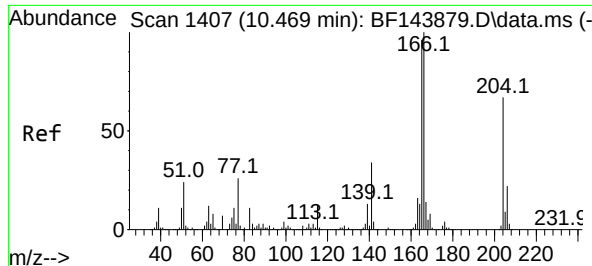


#60
Diethylphthalate
Concen: 41.422 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



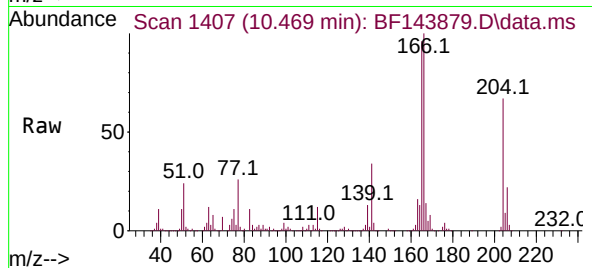
Tgt Ion:149 Resp: 635433
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

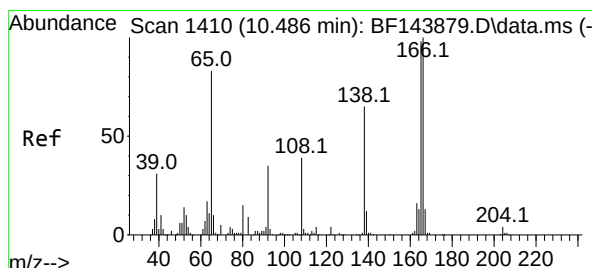
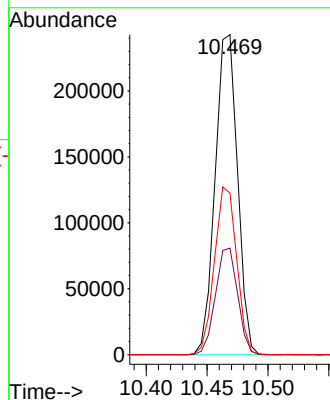
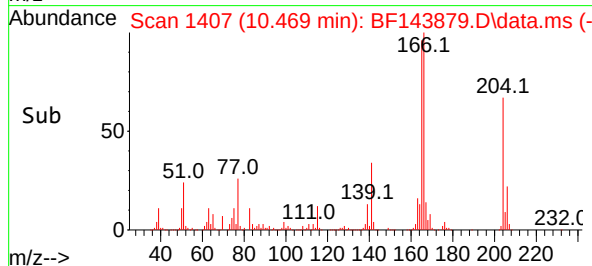
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 310008
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 50.5 40.4 60.6

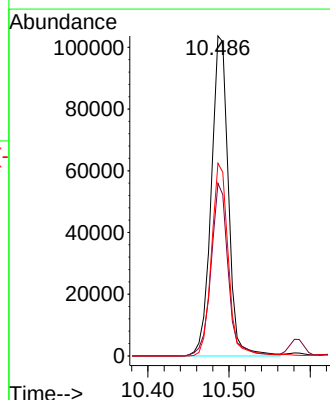
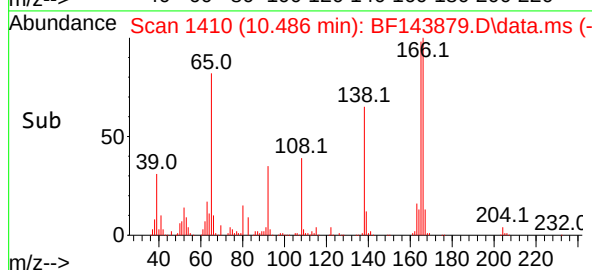
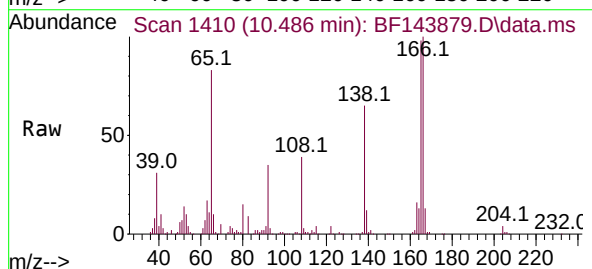
Manual Integrations
APPROVED

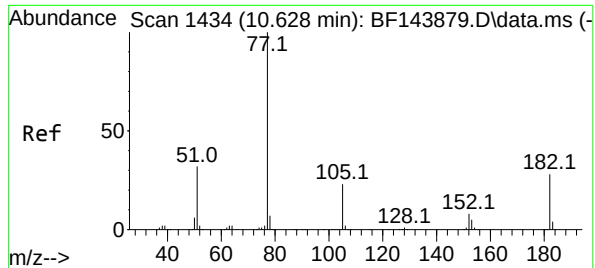
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#62
4-Nitroaniline
Concen: 42.123 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

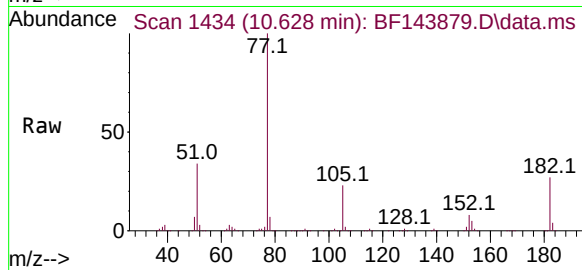
Tgt Ion:138 Resp: 151866
Ion Ratio Lower Upper
138 100
92 53.9 33.9 73.9
108 60.2 40.2 80.2





#63
Azobenzene
Concen: 41.521 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

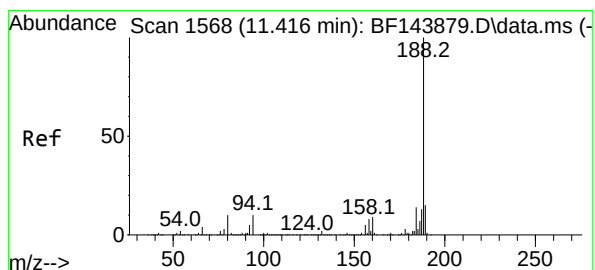
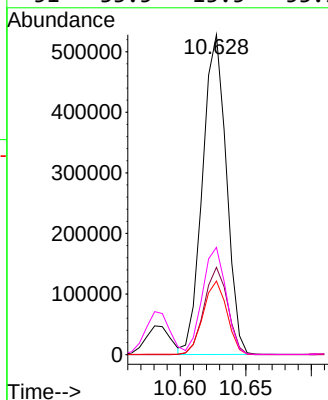
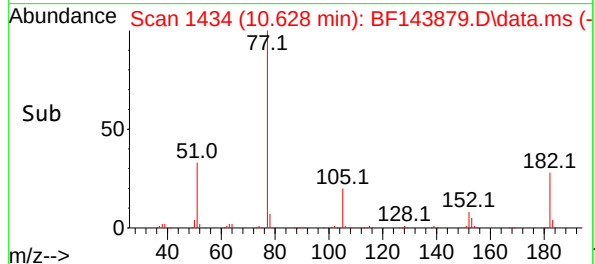
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 77 Resp: 665698
Ion Ratio Lower Upper
77 100
182 27.3 7.3 47.3
105 23.0 3.0 43.0
51 33.5 13.5 53.5

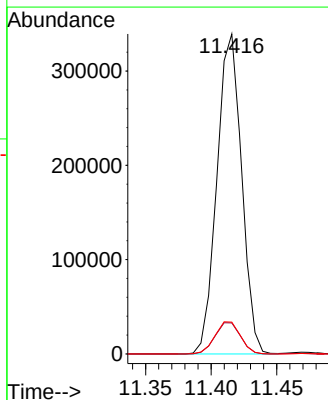
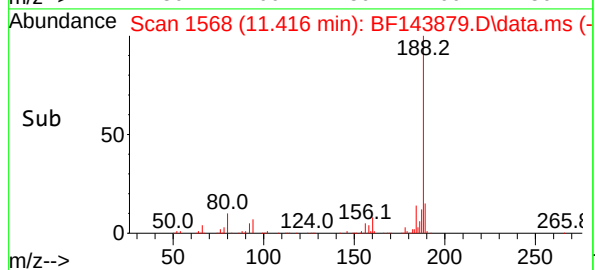
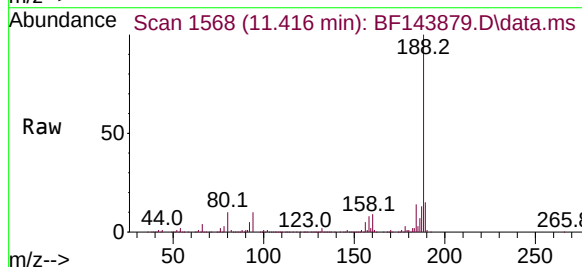
Manual Integrations
APPROVED

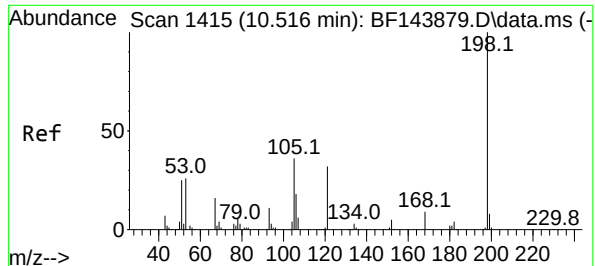
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:188 Resp: 444949
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 9.9 7.9 11.9





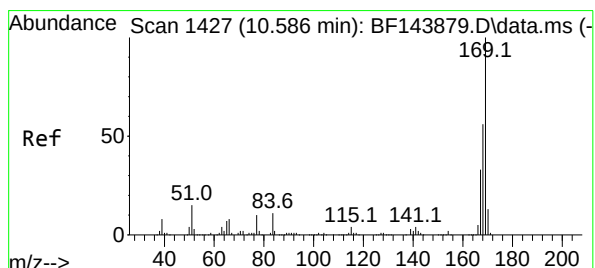
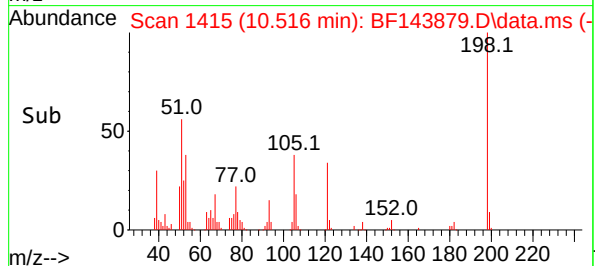
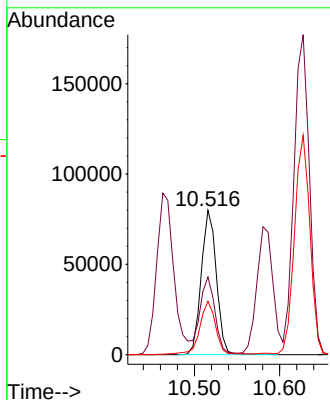
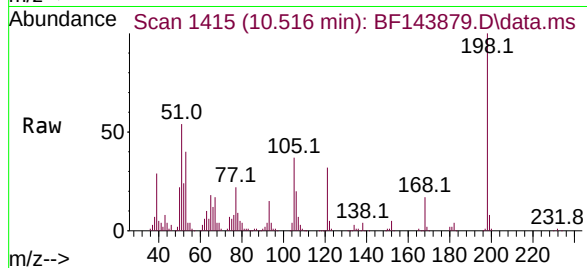
#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 9855
Ion Ratio Lower Upper
198 100
51 53.8 33.8 73.8
105 37.0 17.0 57.0

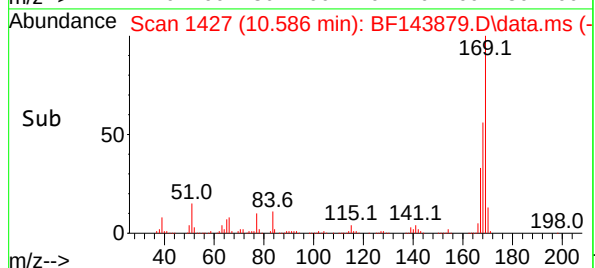
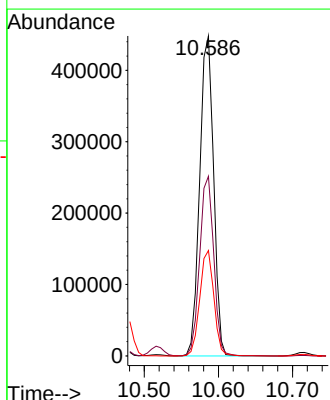
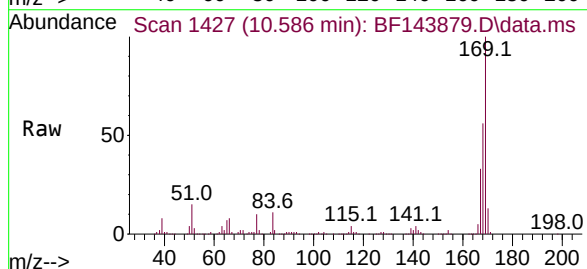
Manual Integrations
APPROVED

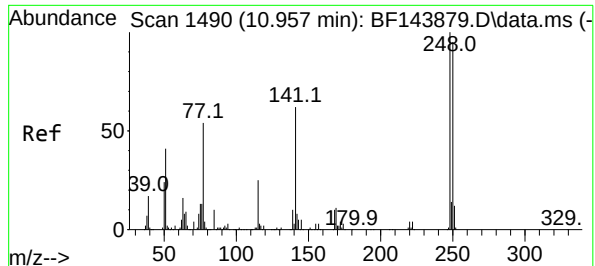
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 41.773 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:169 Resp: 583617
Ion Ratio Lower Upper
169 100
168 56.1 44.9 67.3
167 32.9 26.3 39.5





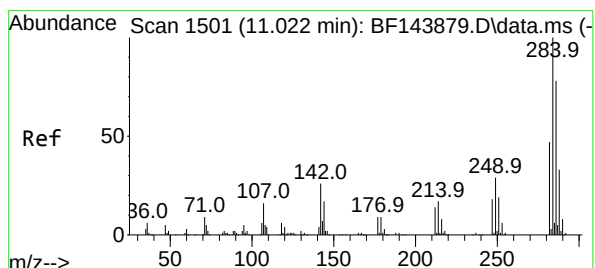
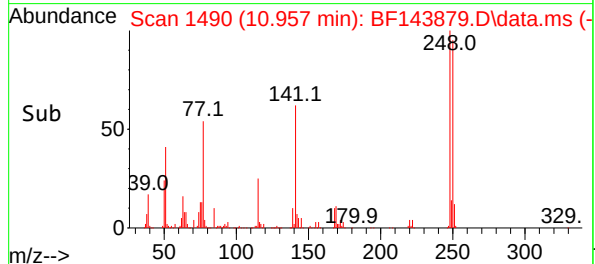
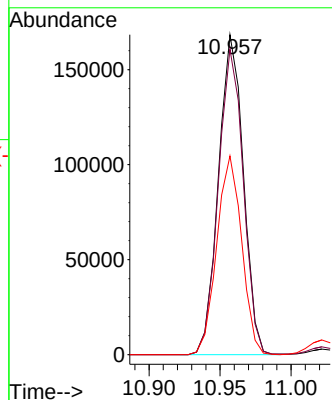
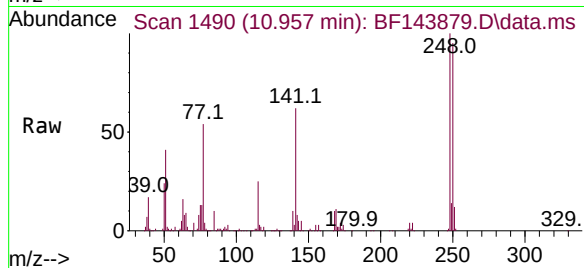
#67
4-Bromophenyl-phenylether
Concen: 41.803 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 205559
Ion Ratio Lower Upper
248 100
250 95.4 76.3 114.5
141 62.1 49.7 74.5

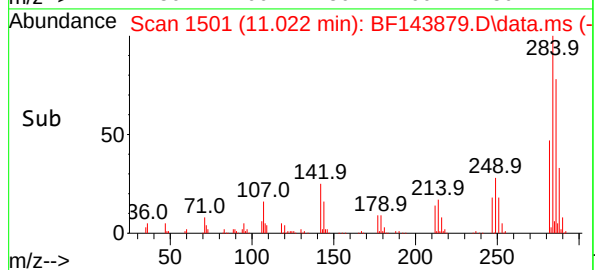
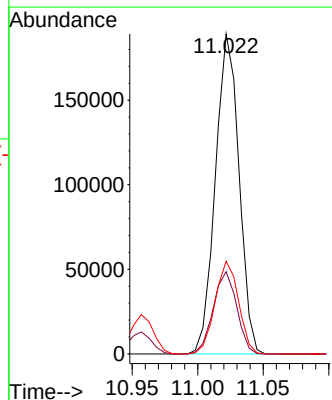
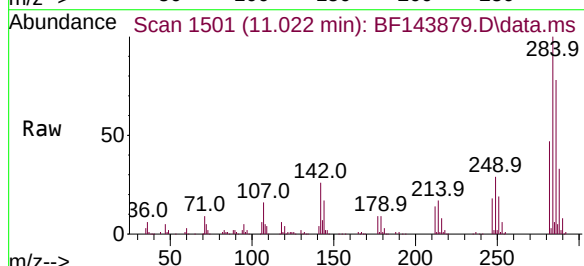
Manual Integrations
APPROVED

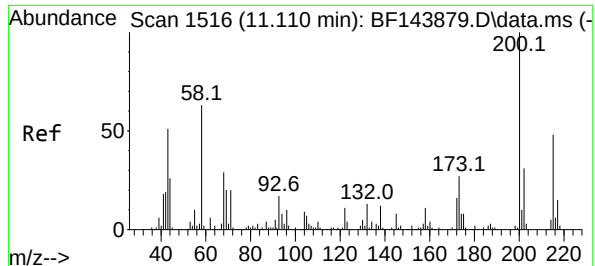
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 41.695 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:284 Resp: 237363
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.0 23.2 34.8





#69

Atrazine

Concen: 40.905 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 173212

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

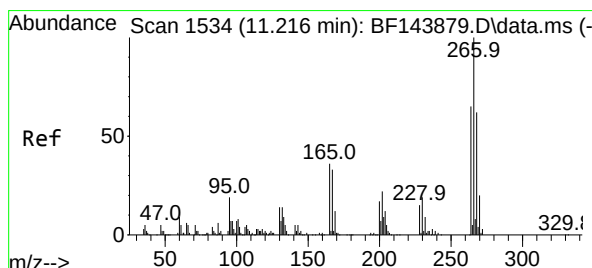
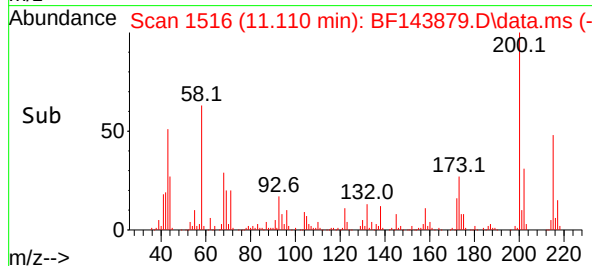
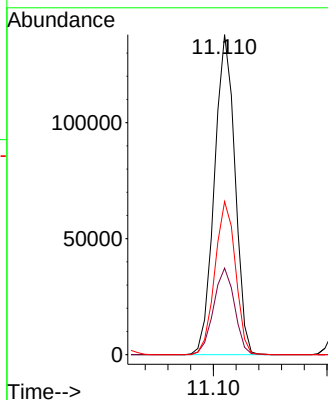
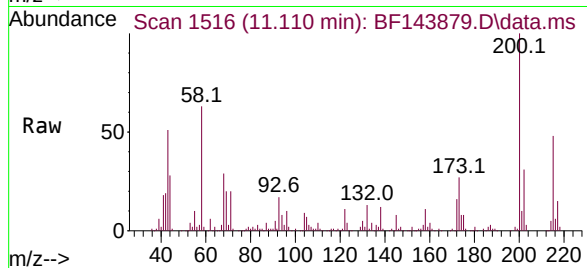
215 47.8 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 42.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

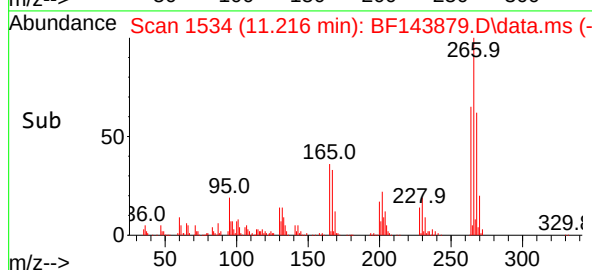
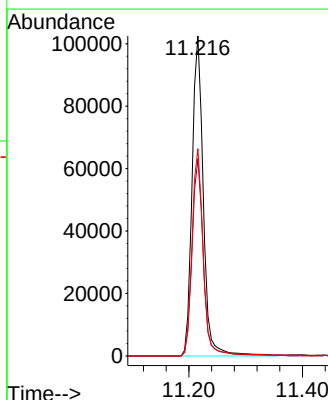
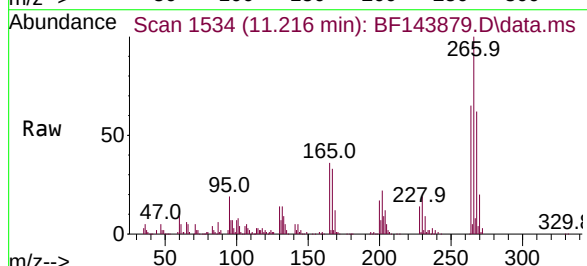
Tgt Ion:266 Resp: 140140

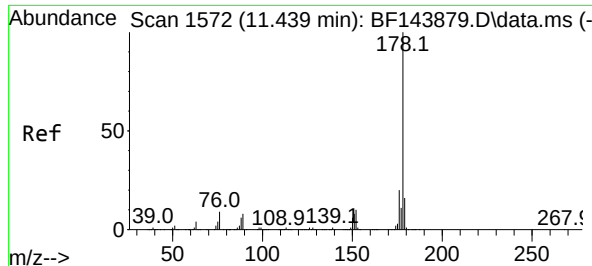
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 64.7 51.8 77.6





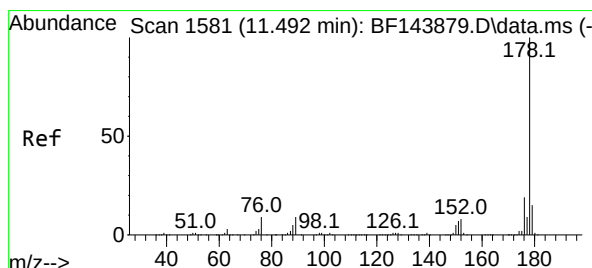
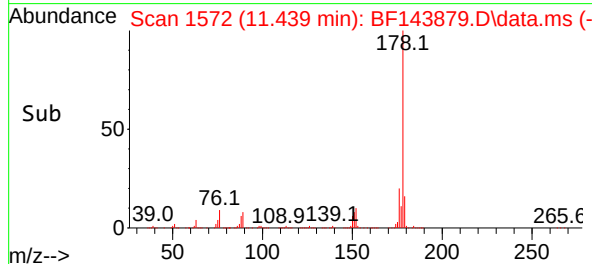
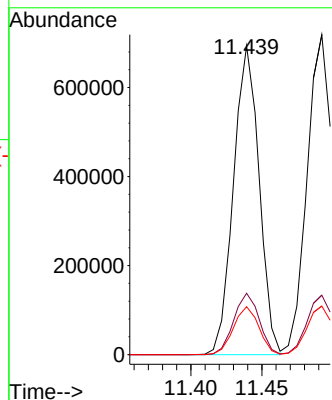
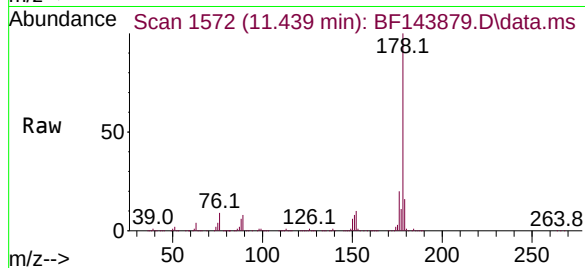
#71
Phenanthrene
Concen: 40.266 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 868592
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.5 12.4 18.6

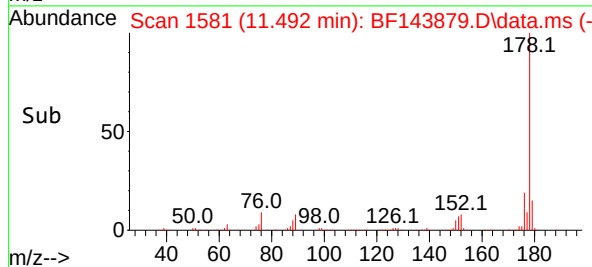
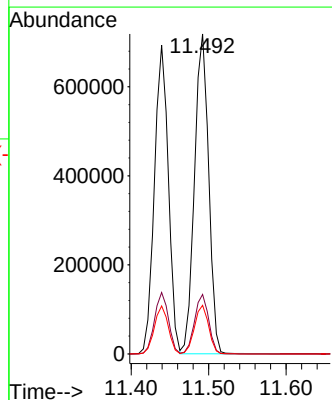
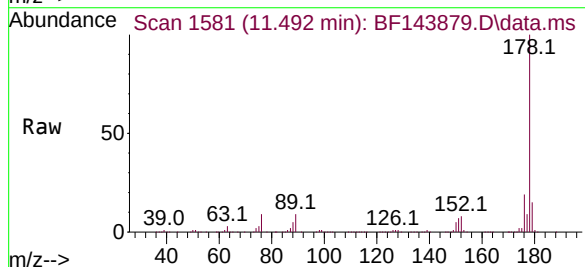
Manual Integrations
APPROVED

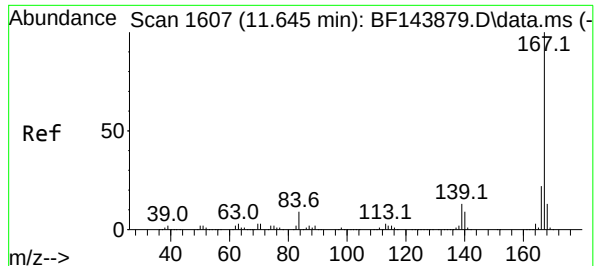
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 41.850 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

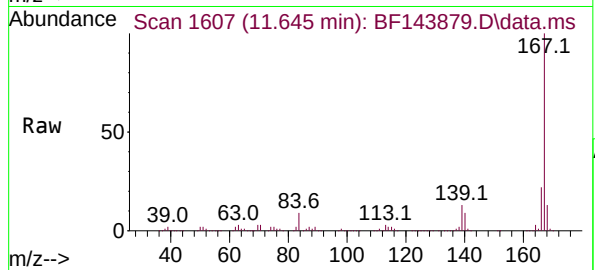
Tgt Ion:178 Resp: 912011
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 12.2 18.2





#73
Carbazole
Concen: 40.765 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

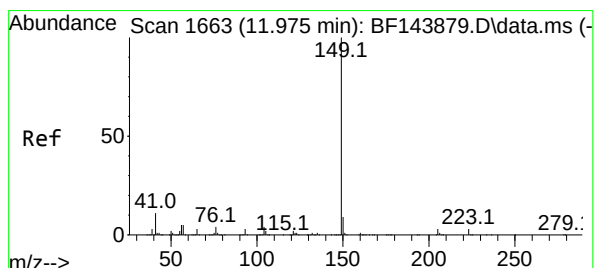
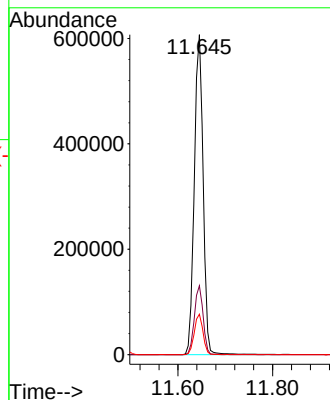
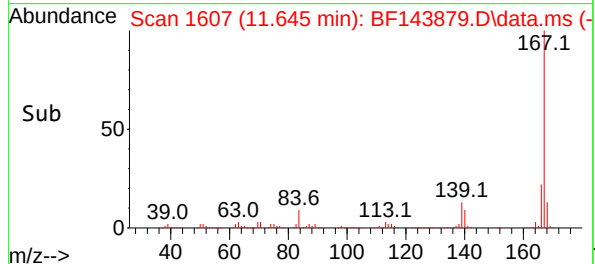
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



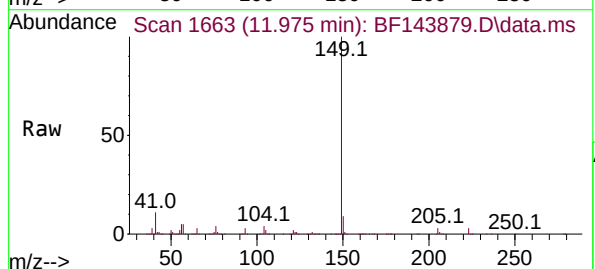
Tgt Ion:167 Resp: 786783
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.6 10.1 15.1

Manual Integrations
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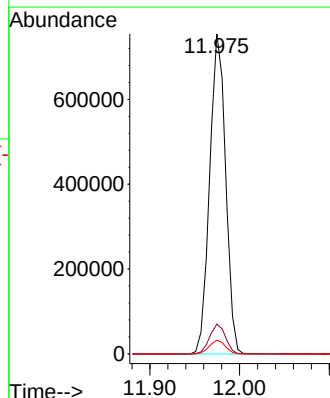
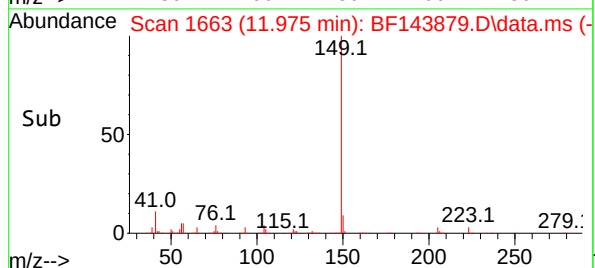
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

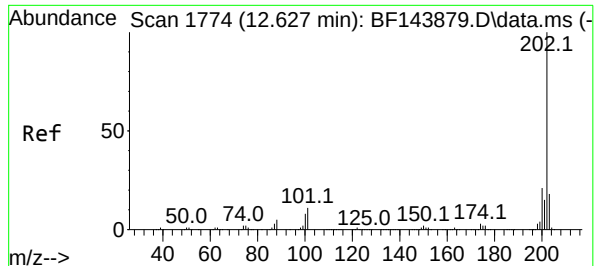


#74
Di-n-butylphthalate
Concen: 41.884 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



Tgt Ion:149 Resp: 936899
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.3 3.4 5.2





#75

Fluoranthene

Concen: 41.223 ng

RT: 12.627 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:202 Resp: 918503

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

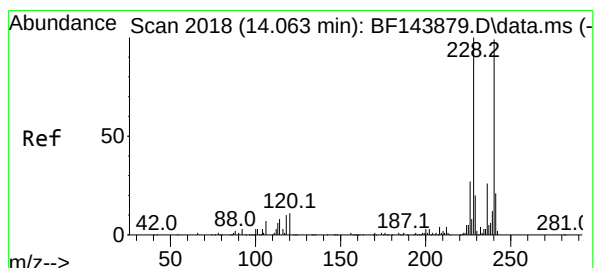
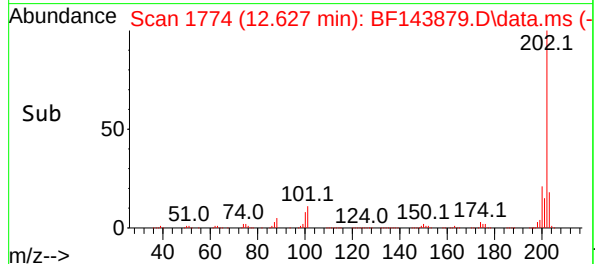
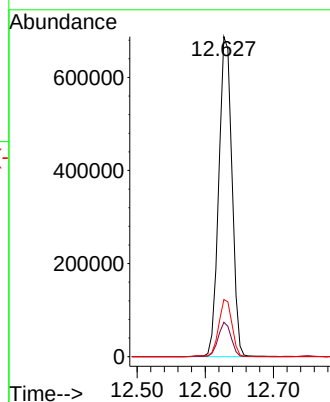
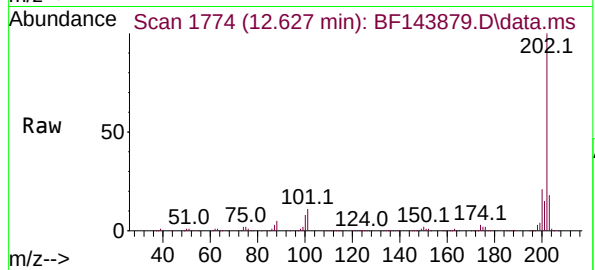
203 17.8 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

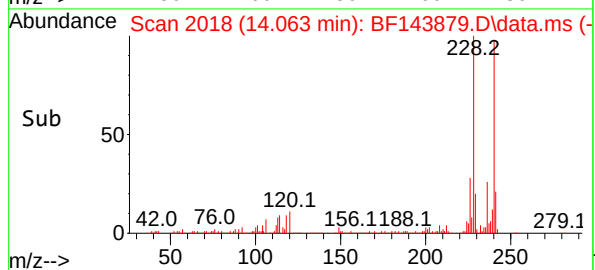
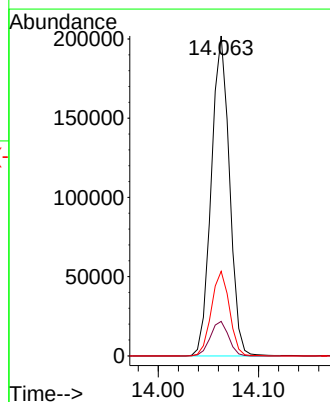
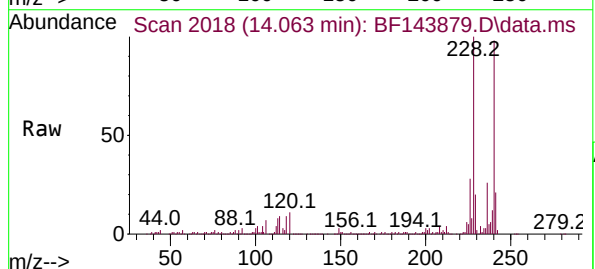
Tgt Ion:240 Resp: 254576

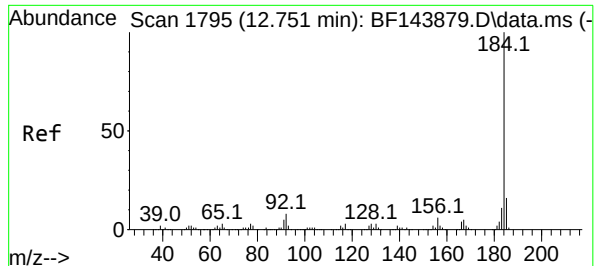
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 26.4 21.1 31.7





#77

Benzidine

Concen: 43.833 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

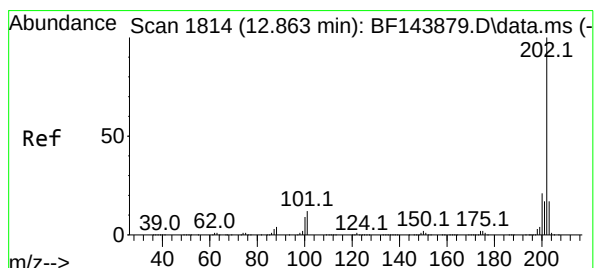
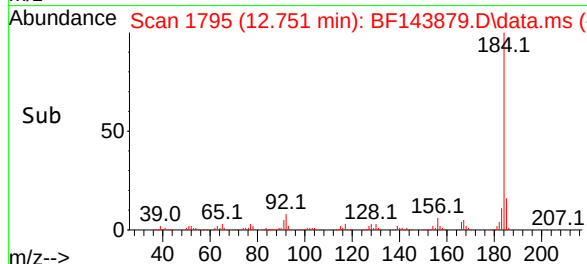
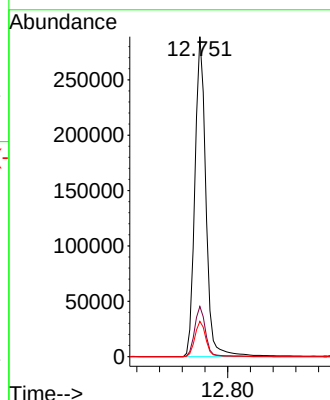
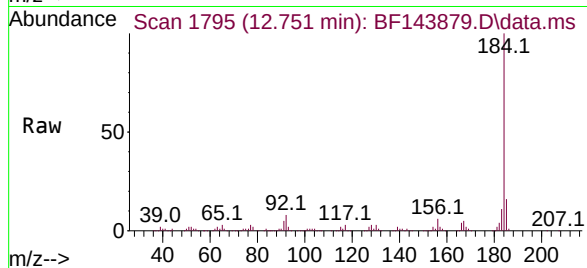
SSTDICCC040

Tgt Ion:	184	Resp:	387464
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	11.0	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 44.692 ng

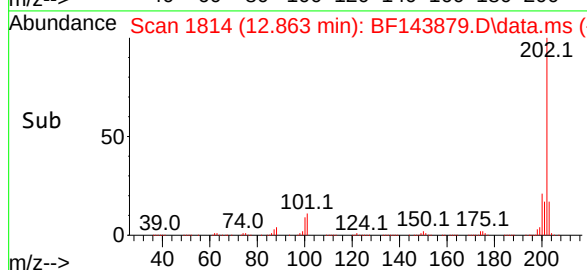
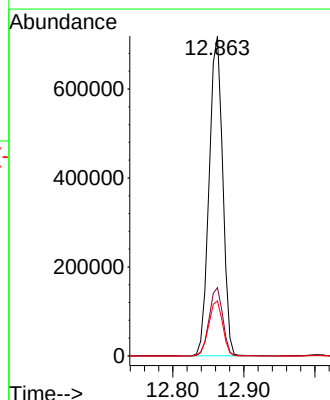
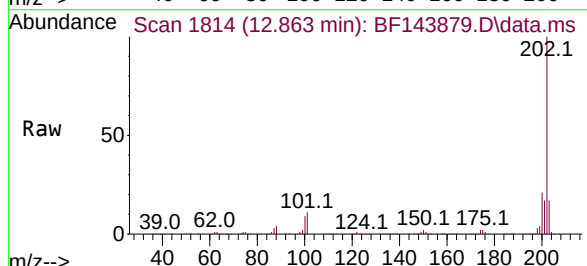
RT: 12.863 min Scan# 1814

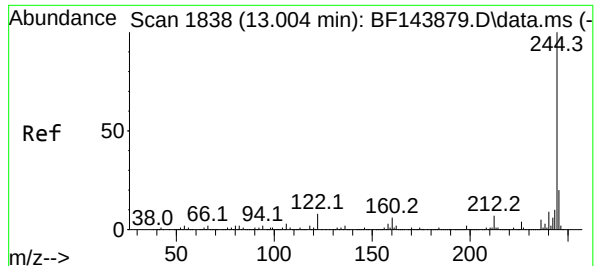
Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

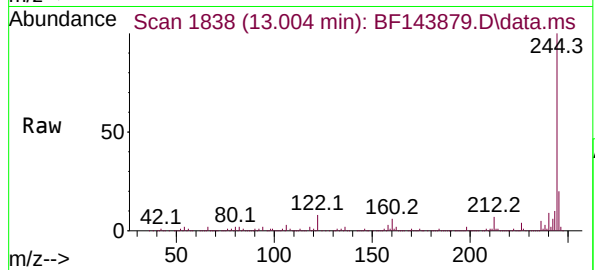
Tgt Ion:	202	Resp:	948521
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.6
203	17.2	13.8	20.6





#79
Terphenyl-d14
Concen: 87.451 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

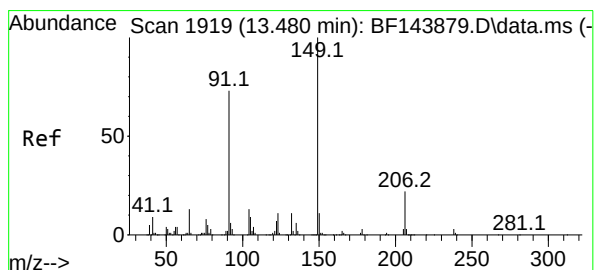
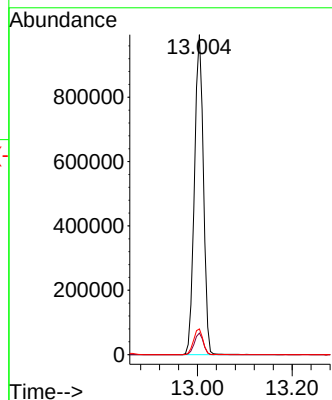
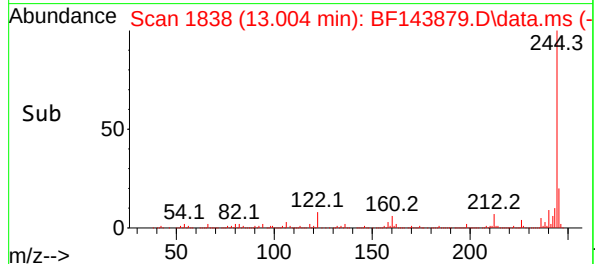
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 1302632
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 8.0 6.4 9.6

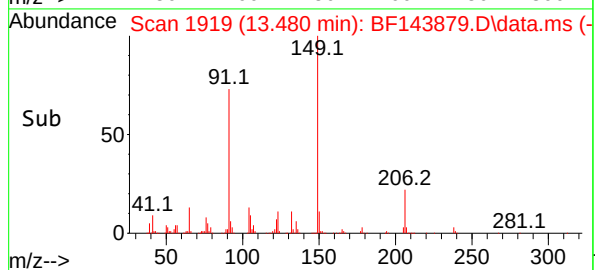
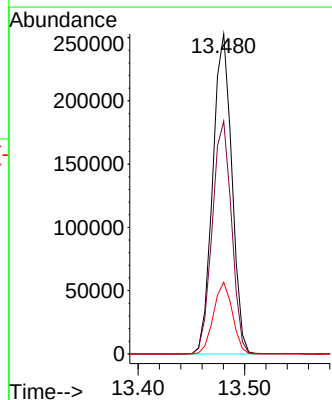
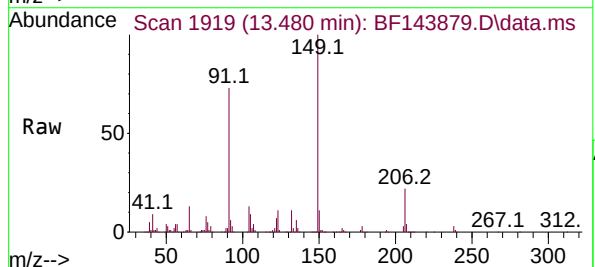
Manual Integrations
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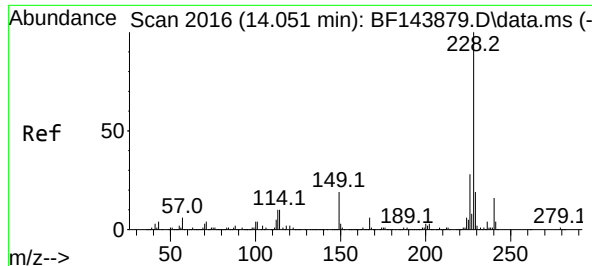
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#80
Butylbenzylphthalate
Concen: 45.804 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 315716
Ion Ratio Lower Upper
149 100
91 72.7 58.2 87.2
206 22.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 42.715 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 711609

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

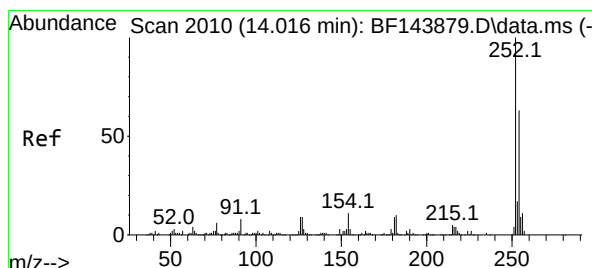
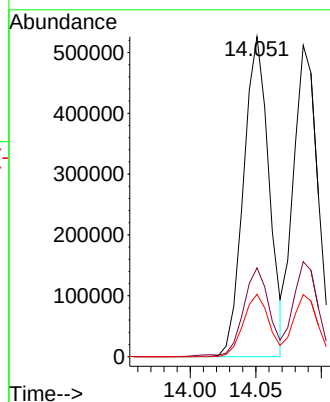
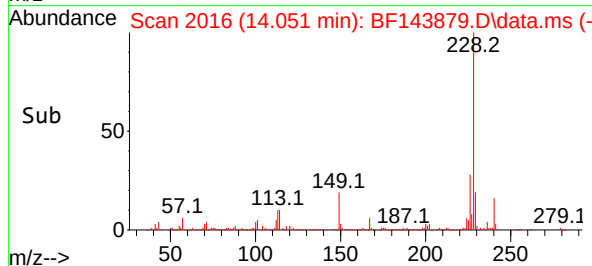
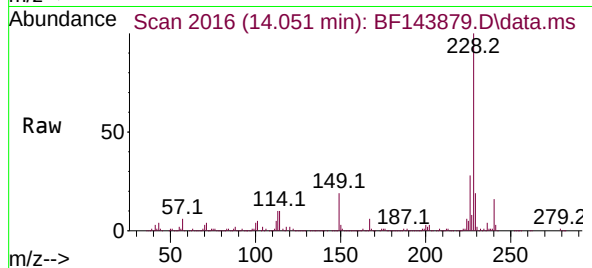
229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 44.135 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

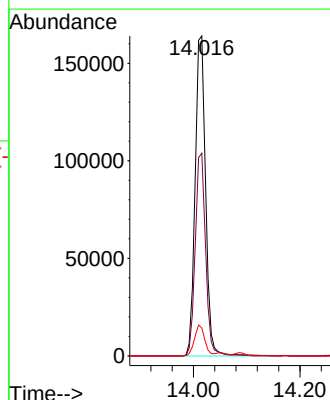
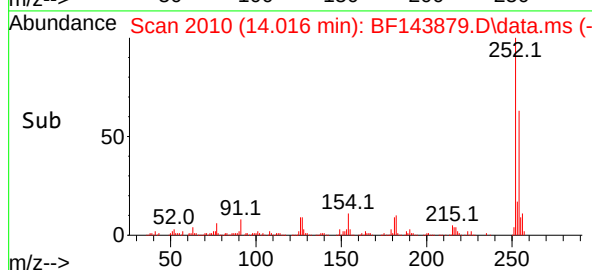
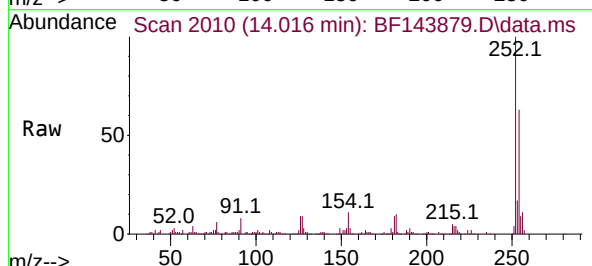
Tgt Ion:252 Resp: 224071

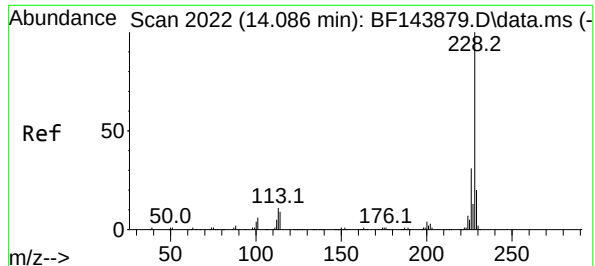
Ion Ratio Lower Upper

252 100

254 63.3 50.6 76.0

126 8.8 7.0 10.6





#83

Chrysene

Concen: 42.717 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 658639

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

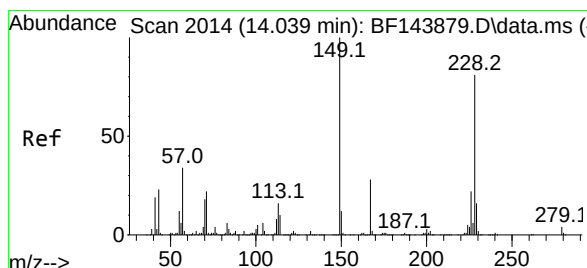
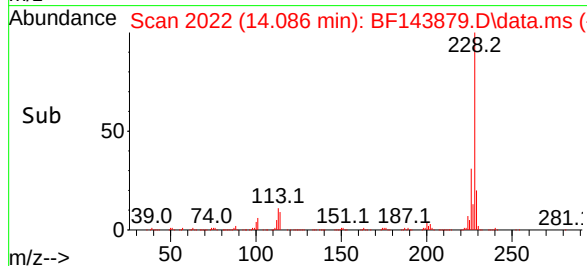
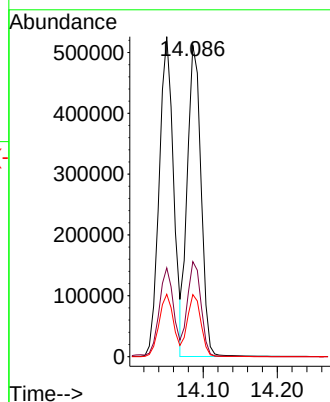
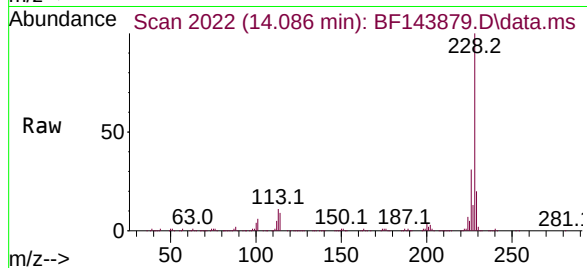
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.286 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

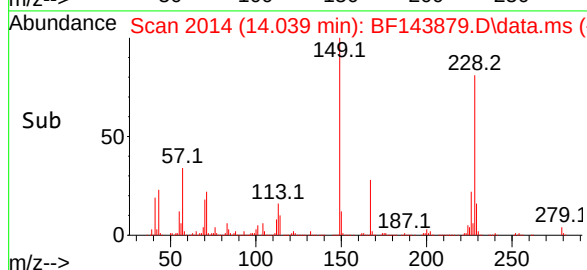
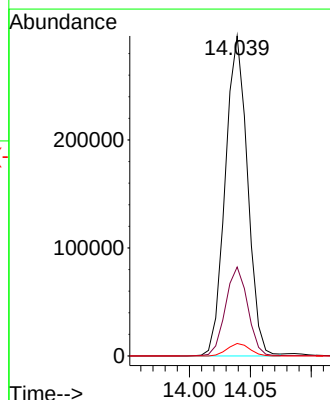
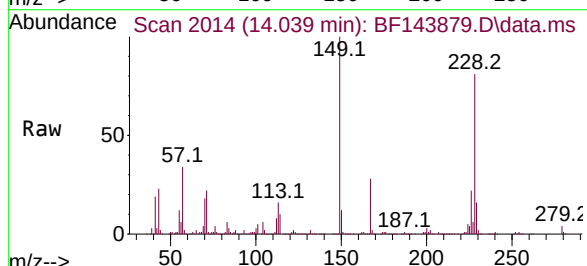
Tgt Ion:149 Resp: 376273

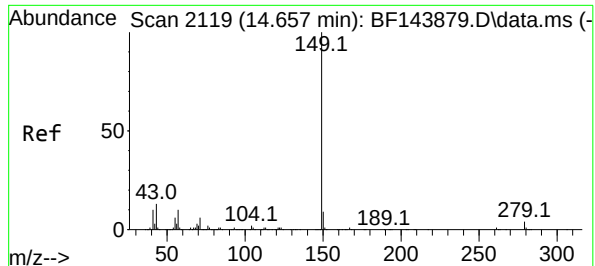
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

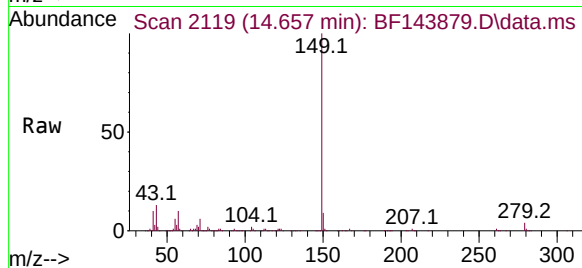
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.561 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

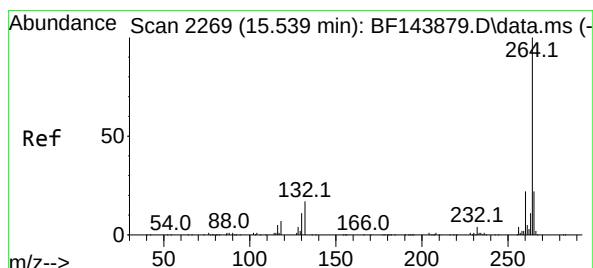
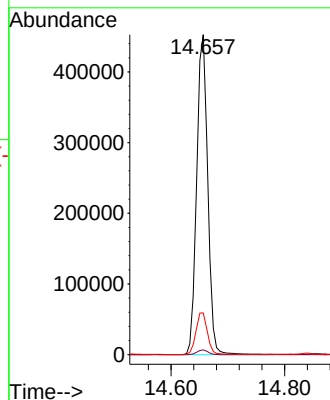
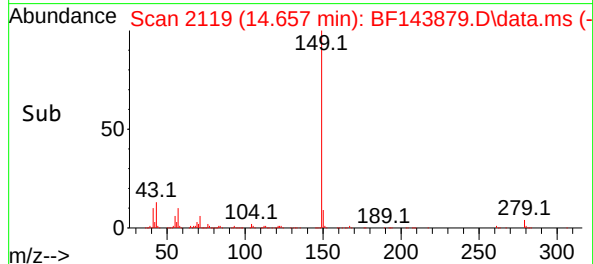
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 608123
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4

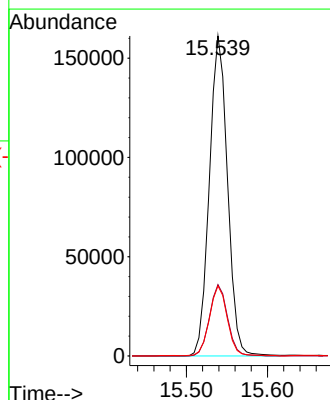
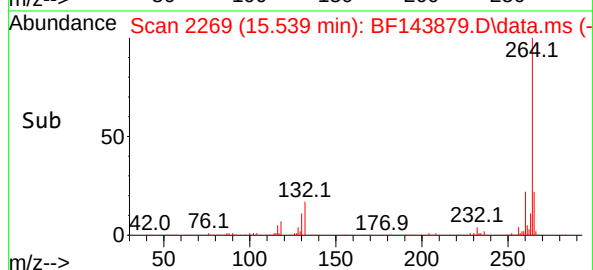
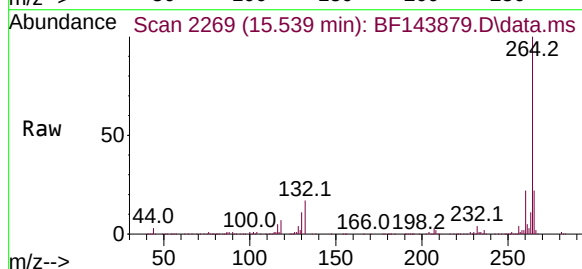
Manual Integrations
APPROVED

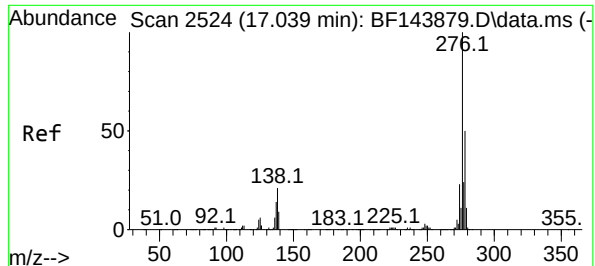
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:264 Resp: 250969
Ion Ratio Lower Upper
264 100
260 22.3 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.470 ng

RT: 17.039 min Scan# 2195

Delta R.T. -0.017 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 699234

Ion Ratio Lower Upper

276 100

138 22.7 18.2 27.2

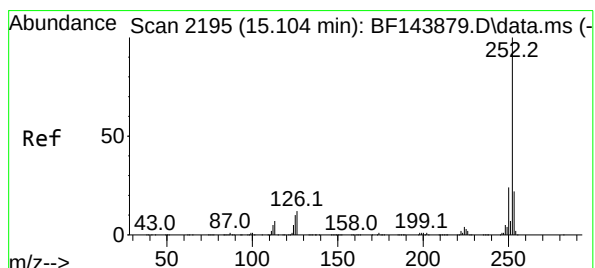
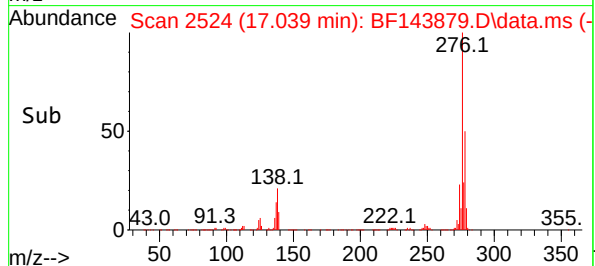
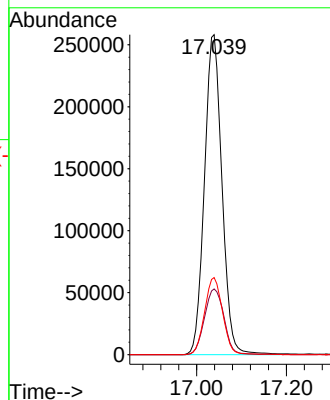
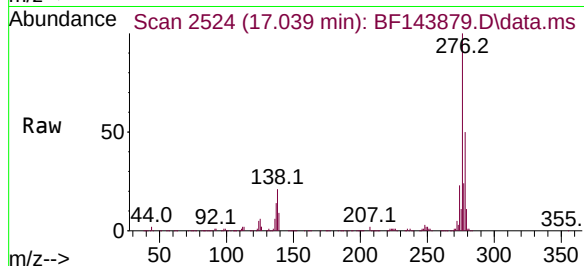
277 24.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 44.178 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

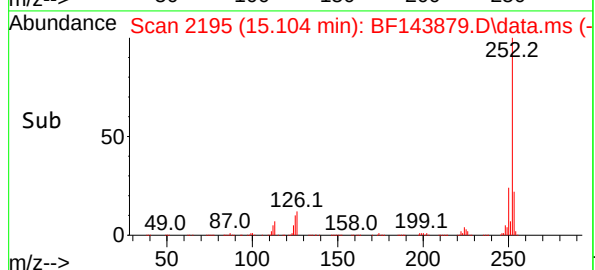
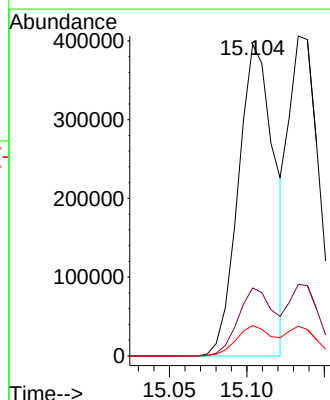
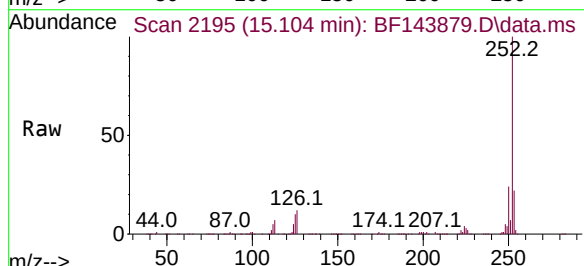
Tgt Ion:252 Resp: 636888

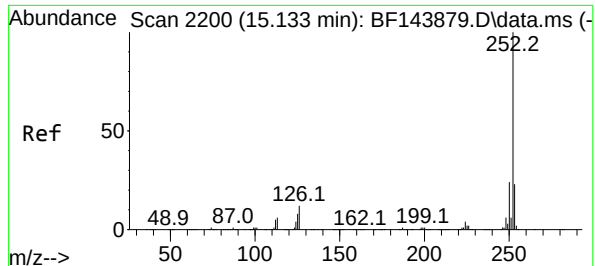
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.688 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

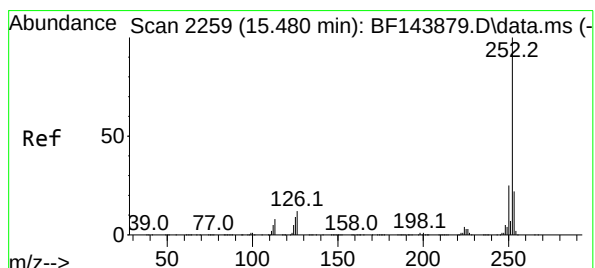
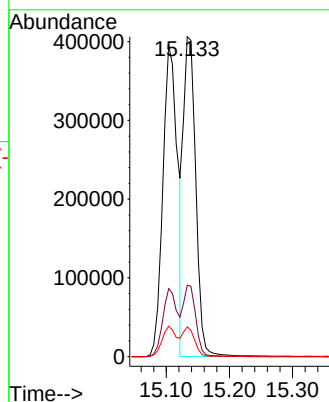
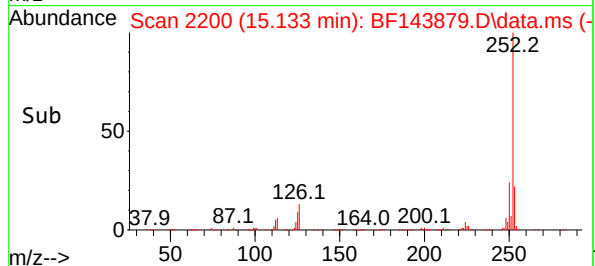
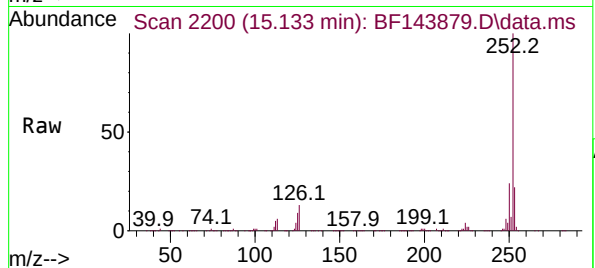
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 44.246 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

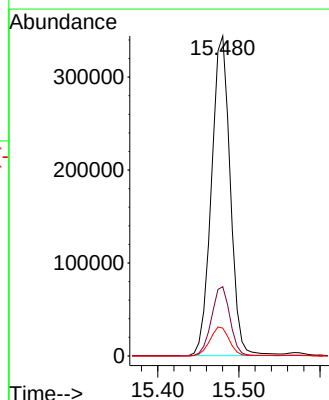
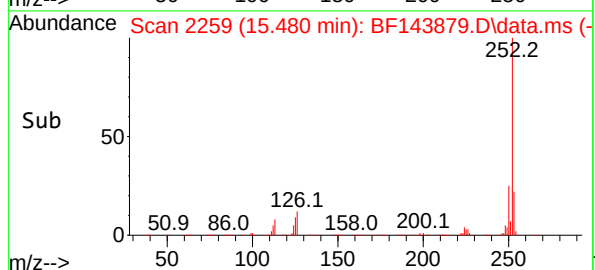
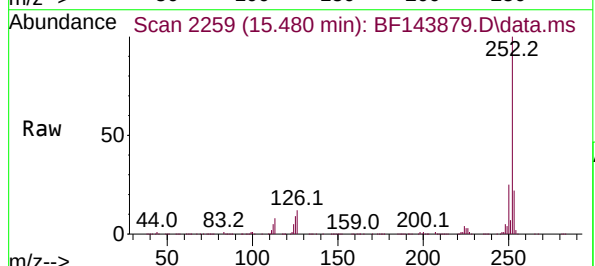
Tgt Ion:252 Resp: 553098

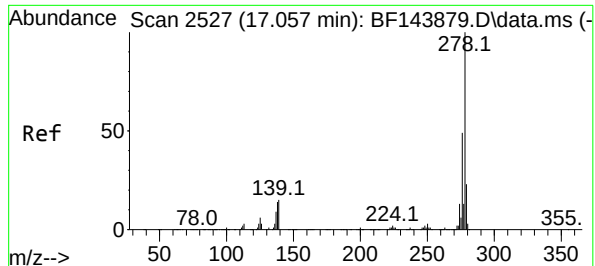
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

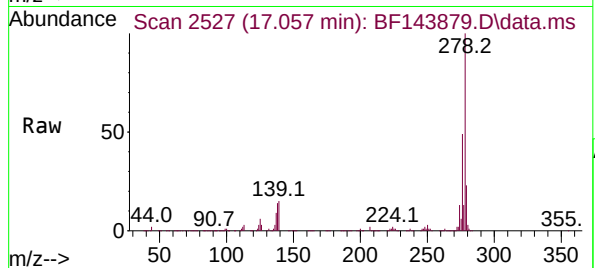
125 8.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 45.774 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

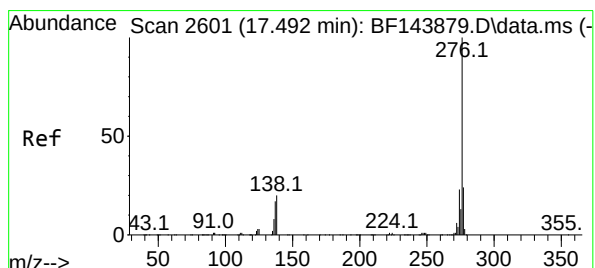
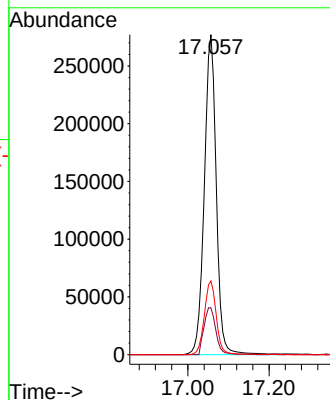
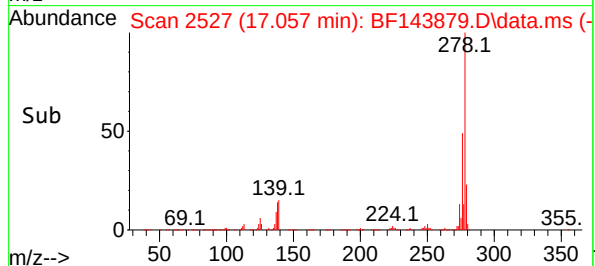
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 566134
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 23.0 18.4 27.6

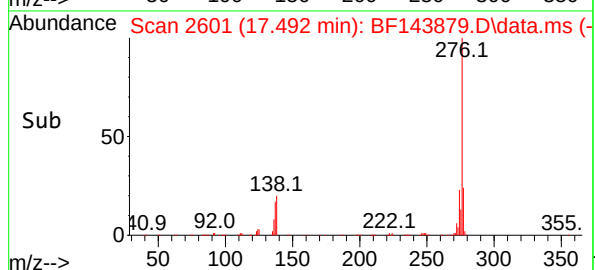
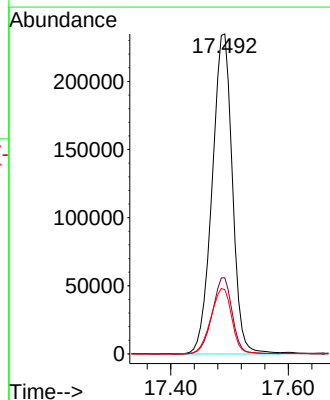
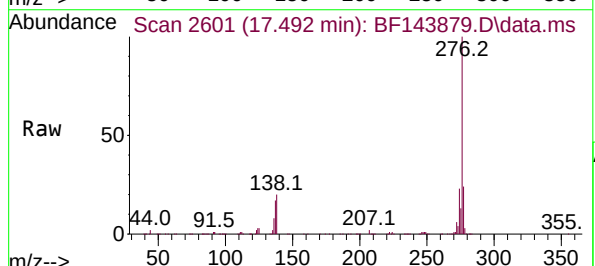
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 45.340 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:276 Resp: 560761
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.1 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	182011	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	710843	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	393762	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	674807	20.000	ng	0.00
76) Chrysene-d12	14.068	240	390779	20.000	ng	0.00
86) Perylene-d12	15.545	264	426414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1067519	93.138	ng	0.00
7) Phenol-d6	6.510	99	1277645	93.519	ng	0.00
23) Nitrobenzene-d5	7.451	82	1148649	98.174	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	390657	99.608	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1936883	78.050	ng	0.00
79) Terphenyl-d14	13.010	244	2083463	91.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	247738	46.709	ng	99
3) Pyridine	3.416	79	759117	49.164	ng	98
4) n-Nitrosodimethylamine	3.381	42	417134	51.355	ng	98
6) Aniline	6.551	93	994174	48.562	ng	99
8) 2-Chlorophenol	6.669	128	546266	48.757	ng	98
9) Benzaldehyde	6.439	77	545259	51.738	ng	99
10) Phenol	6.528	94	799210	48.932	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	595127	47.169	ng	97
12) 1,3-Dichlorobenzene	6.828	146	607764	45.318	ng	98
13) 1,4-Dichlorobenzene	6.904	146	603407	45.612	ng	99
14) 1,2-Dichlorobenzene	7.057	146	583790	46.072	ng	99
15) Benzyl Alcohol	7.028	79	515929	50.402	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1368524	47.652	ng	99
17) 2-Methylphenol	7.134	107	448120	48.397	ng	99
18) Hexachloroethane	7.398	117	207432	47.017	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	441373	47.198	ng	98
20) 3+4-Methylphenols	7.292	107	485879	45.276	ng	# 83
22) Acetophenone	7.298	105	665276	44.262	ng	# 94
24) Nitrobenzene	7.475	77	625692	48.155	ng	98
25) Isophorone	7.716	82	1181135	47.877	ng	98
26) 2-Nitrophenol	7.786	139	296399	53.208	ng	99
27) 2,4-Dimethylphenol	7.816	122	480868	47.987	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	706471	45.333	ng	99
29) 2,4-Dichlorophenol	8.022	162	497289	47.642	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	473064	46.083	ng	98
31) Naphthalene	8.192	128	1451547	44.890	ng	100
32) Benzoic acid	7.945	122	384635	55.462	ng	98
33) 4-Chloroaniline	8.239	127	567726	46.813	ng	99
34) Hexachlorobutadiene	8.304	225	325186	45.586	ng	99
35) Caprolactam	8.628	113	167817	50.565	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	477376	47.612	ng	98
37) 2-Methylnaphthalene	8.881	142	935960	43.453	ng	99
38) 1-Methylnaphthalene	8.981	142	918550	43.965	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	491771	45.187	ng	99
41) Hexachlorocyclopentadiene	9.033	237	242390	53.686	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	376991	47.410	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143880.D
 Acq On : 06 Oct 2025 13:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

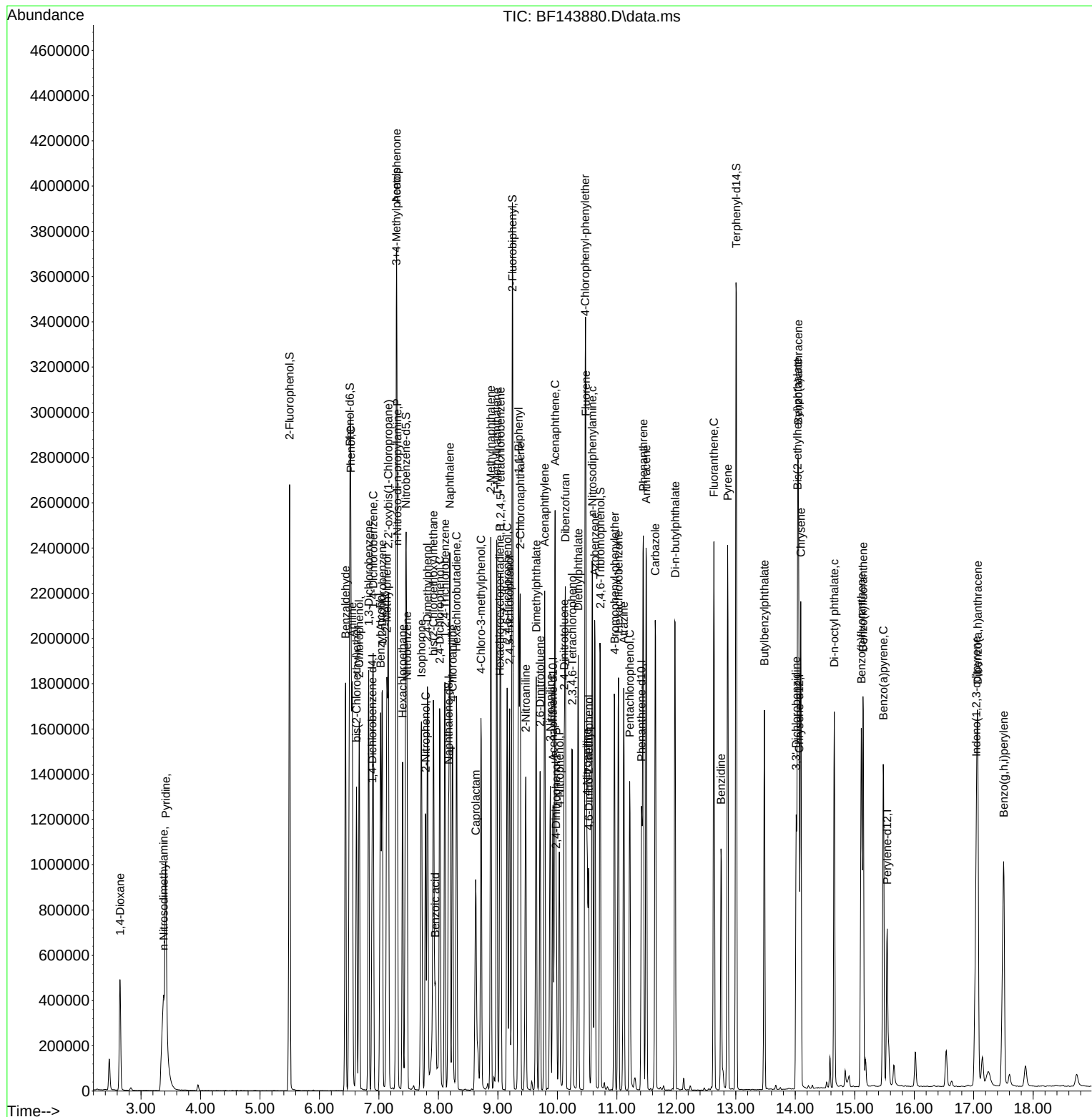
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	395213	47.031	ng	99
46) 1,1'-Biphenyl	9.351	154	1116775	42.837	ng	99
47) 2-Chloronaphthalene	9.375	162	972675	44.748	ng	98
48) 2-Nitroaniline	9.469	65	348179	50.665	ng	96
49) Acenaphthylene	9.786	152	1364193	44.642	ng	100
50) Dimethylphthalate	9.645	163	1147448	45.888	ng	99
51) 2,6-Dinitrotoluene	9.710	165	246567	53.176	ng	99
52) Acenaphthene	9.963	154	883487	44.122	ng	99
53) 3-Nitroaniline	9.880	138	291630	51.366	ng	97
54) 2,4-Dinitrophenol	9.980	184	140496	51.801	ng	# 82
55) Dibenzofuran	10.133	168	1233091	43.625	ng	99
56) 4-Nitrophenol	10.033	139	226765	52.750	ng	96
57) 2,4-Dinitrotoluene	10.116	165	329984	52.304	ng	98
58) Fluorene	10.480	166	882946	41.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	294987	49.591	ng	# 98
60) Diethylphthalate	10.351	149	1053032	45.330	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	477108	42.311	ng	98
62) 4-Nitroaniline	10.498	138	282713	51.782	ng	98
63) Azobenzene	10.627	77	1096875	45.178	ng	97
65) 4,6-Dinitro-2-methylph...	10.527	198	188400	55.558	ng	99
66) n-Nitrosodiphenylamine	10.586	169	943991	44.552	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	339818	45.566	ng	97
68) Hexachlorobenzene	11.027	284	407614	47.211	ng	97
69) Atrazine	11.116	200	309799	48.240	ng	99
70) Pentachlorophenol	11.216	266	259359	52.304	ng	98
71) Phenanthrene	11.445	178	1419666	43.395	ng	100
72) Anthracene	11.492	178	1440404	43.583	ng	99
73) Carbazole	11.645	167	1291982	44.139	ng	99
74) Di-n-butylphthalate	11.980	149	1534951	45.246	ng	100
75) Fluoranthene	12.633	202	1478181	43.744	ng	99
77) Benzidine	12.751	184	636126	46.882	ng	99
78) Pyrene	12.863	202	1505326	46.206	ng	99
80) Butylbenzylphthalate	13.480	149	532754	50.352	ng	99
81) Benzo(a)anthracene	14.051	228	1203843	47.075	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	391334	50.214	ng	98
83) Chrysene	14.092	228	1090275	46.065	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	626818	49.146	ng	99
85) Di-n-octyl phthalate	14.657	149	1082833	51.691	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1316167	50.373	ng	100
88) Benzo(b)fluoranthene	15.110	252	1167220	47.652	ng	98
89) Benzo(k)fluoranthene	15.139	252	983488	43.392	ng	98
90) Benzo(a)pyrene	15.480	252	997382	46.960	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	1039281	49.457	ng	97
92) Benzo(g,h,i)perylene	17.503	276	1056021	50.253	ng	100

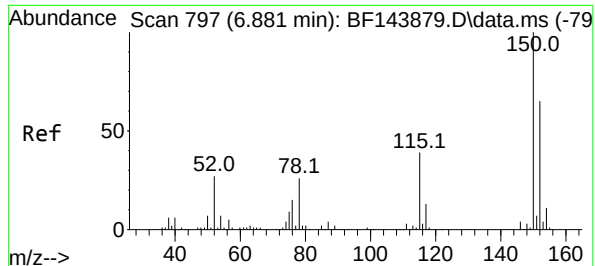
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

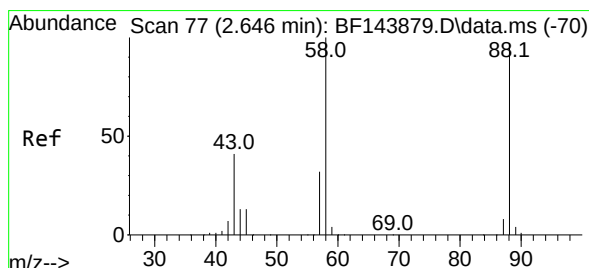
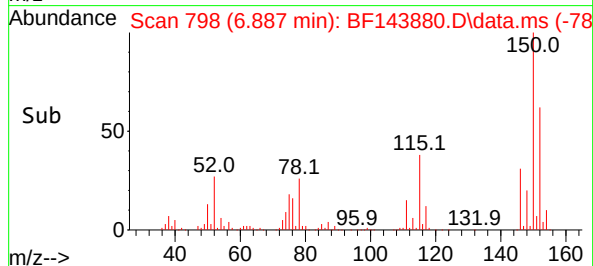
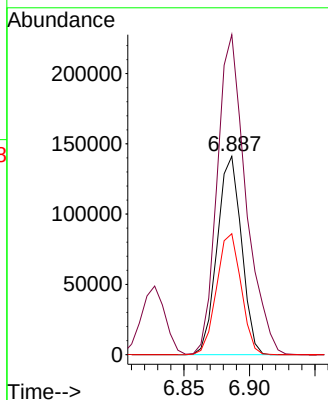
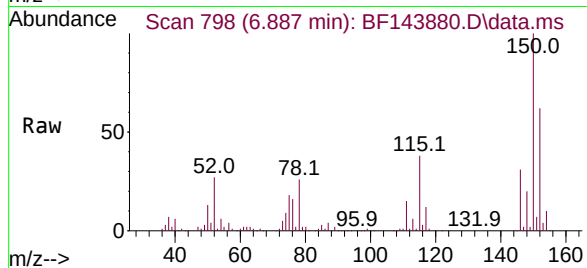




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

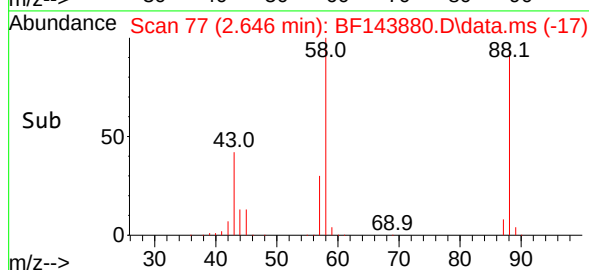
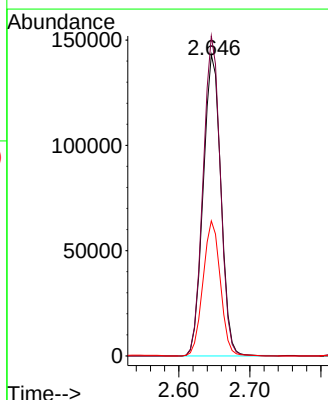
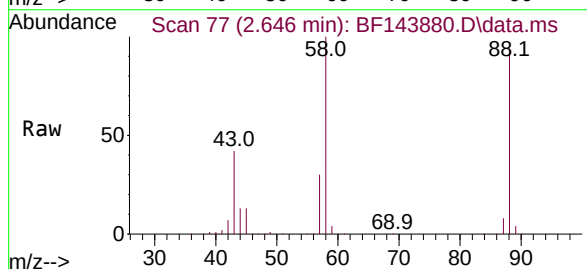
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

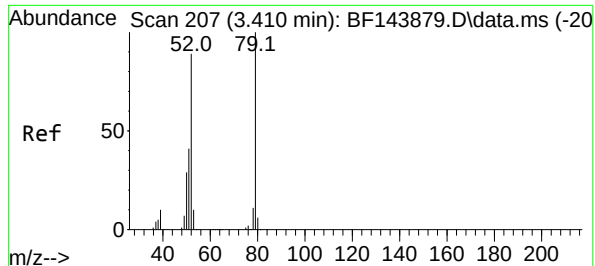
Tgt Ion:152 Resp: 182011
Ion Ratio Lower Upper
152 100
150 161.3 124.4 186.6
115 60.9 48.1 72.1



#2
1,4-Dioxane
Concen: 46.709 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 88 Resp: 247738
Ion Ratio Lower Upper
88 100
58 103.6 83.0 124.6
43 43.8 33.9 50.9





#3

Pyridine

Concen: 49.164 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

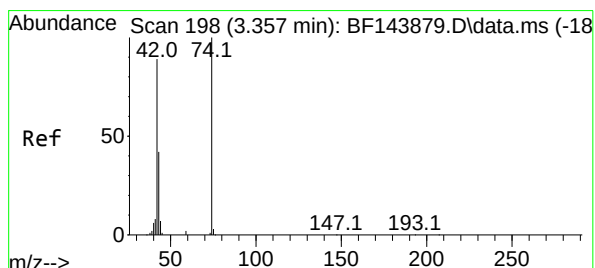
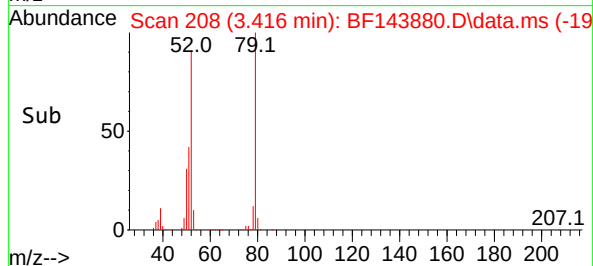
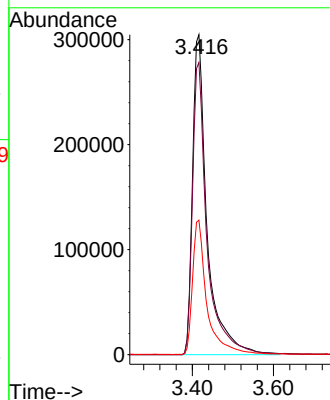
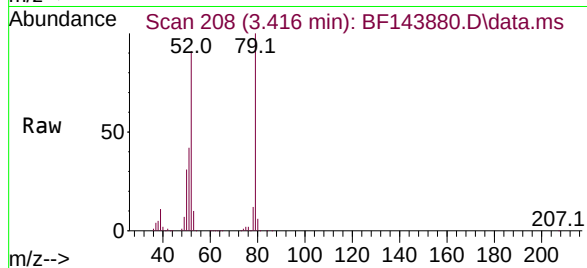
Tgt Ion: 79 Resp: 759117

Ion Ratio Lower Upper

79 100

52 91.3 71.5 107.3

51 42.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 51.355 ng

RT: 3.381 min Scan# 202

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

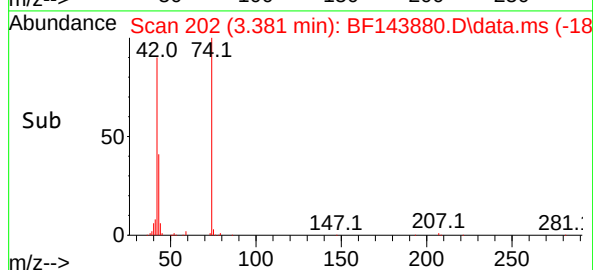
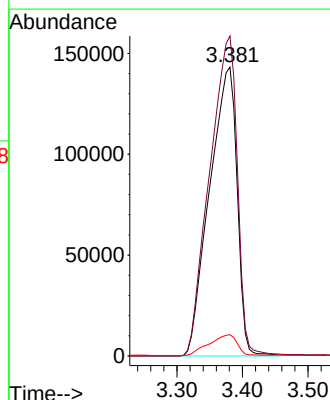
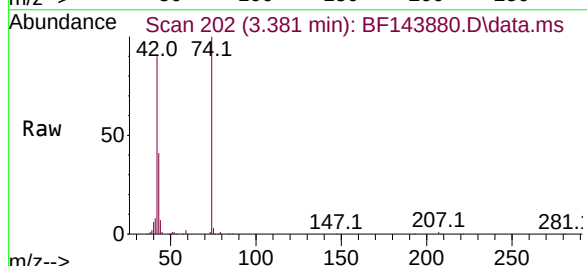
Tgt Ion: 42 Resp: 417134

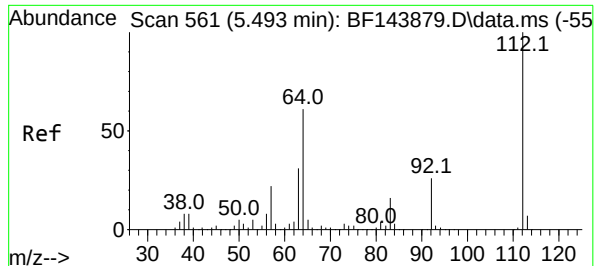
Ion Ratio Lower Upper

42 100

74 110.8 90.0 135.0

44 7.3 6.2 9.2

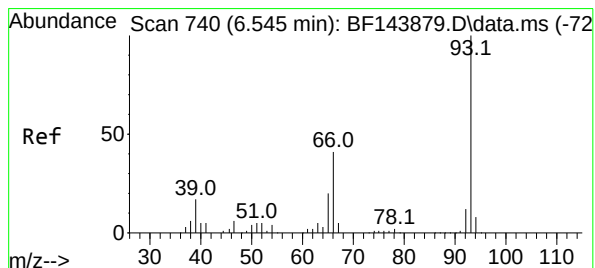
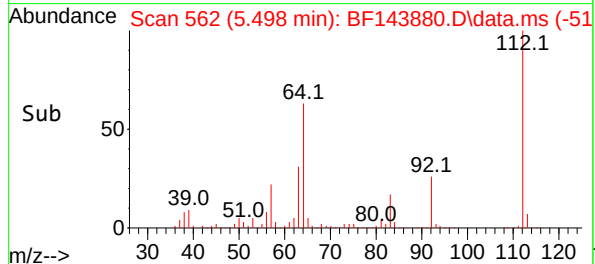
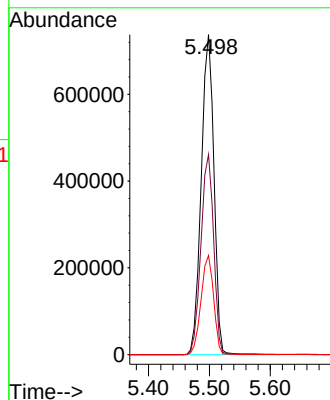
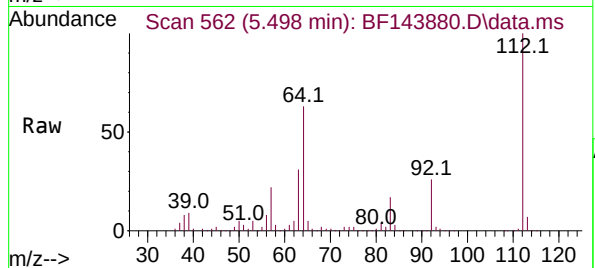




#5
2-Fluorophenol
Concen: 93.138 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

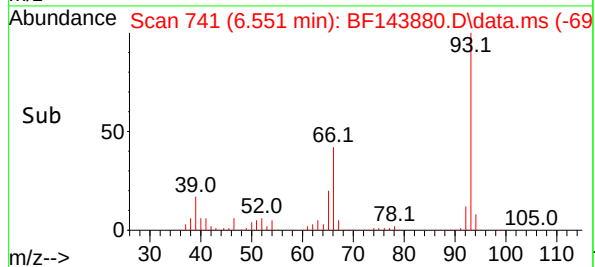
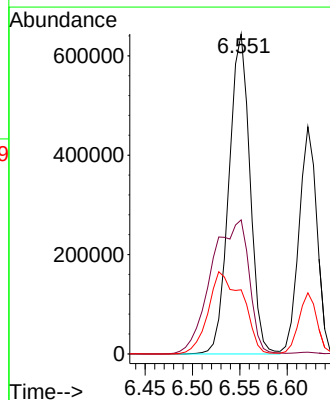
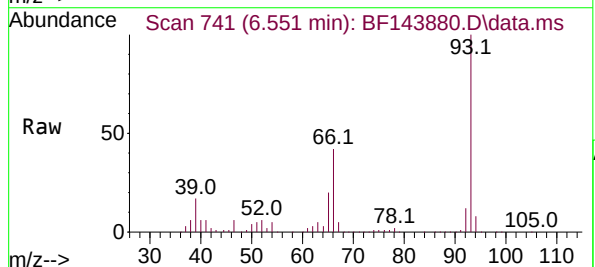
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

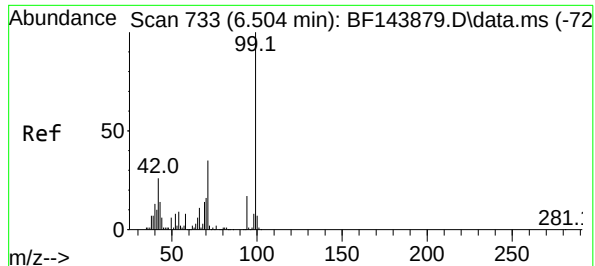
Tgt Ion:112 Resp: 1067519
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 31.0 24.5 36.7



#6
Aniline
Concen: 48.562 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 994174
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 20.0 15.8 23.8





#7

Phenol-d6

Concen: 93.519 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

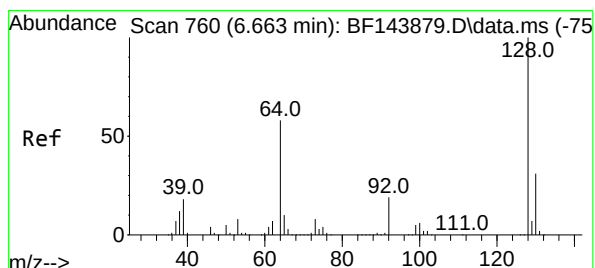
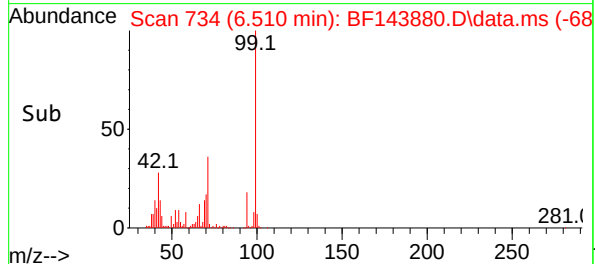
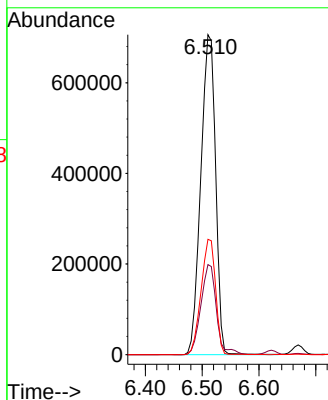
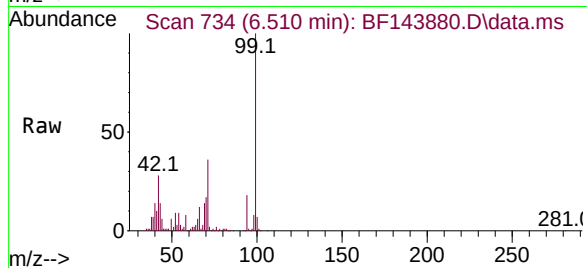
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1277645

Ion	Ratio	Lower	Upper
99	100		
42	28.1	21.0	31.4
71	36.0	27.8	41.8



#8

2-Chlorophenol

Concen: 48.757 ng

RT: 6.669 min Scan# 761

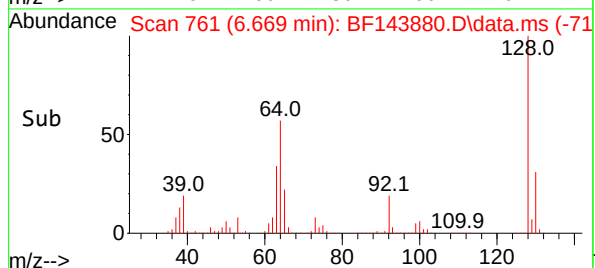
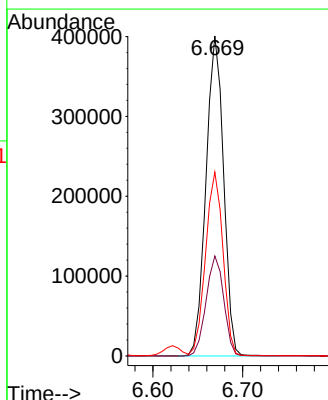
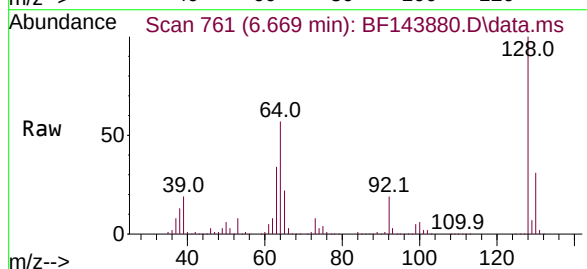
Delta R.T. 0.000 min

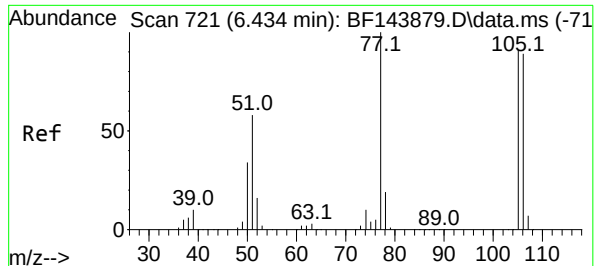
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 128 Resp: 546266

Ion	Ratio	Lower	Upper
128	100		
130	31.2	10.7	50.7
64	57.4	39.0	79.0



#9
Benzaldehyde

Concen: 51.738 ng

RT: 6.439 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

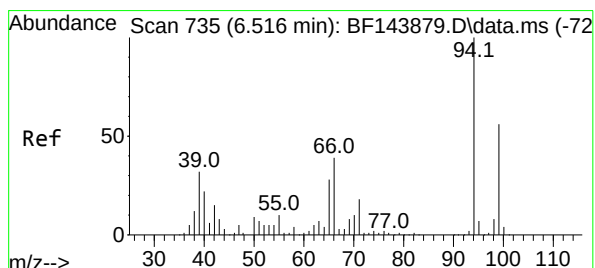
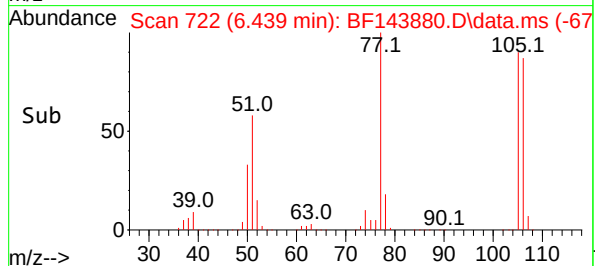
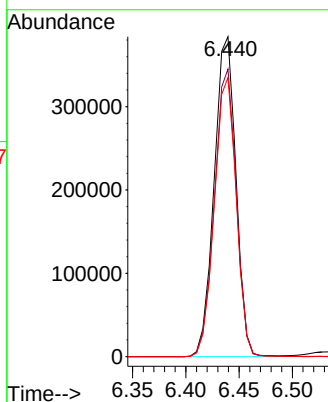
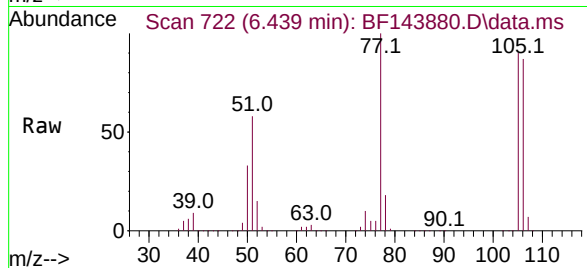
Tgt Ion: 77 Resp: 545259

Ion Ratio Lower Upper

77 100

105 89.9 70.9 110.9

106 87.2 68.9 108.9



#10

Phenol

Concen: 48.932 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

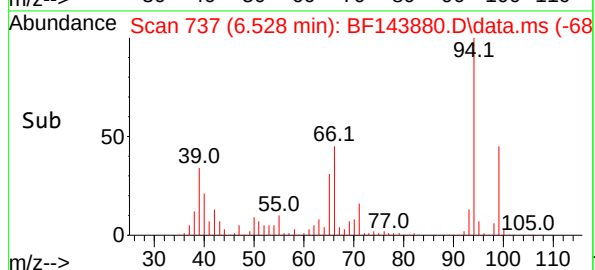
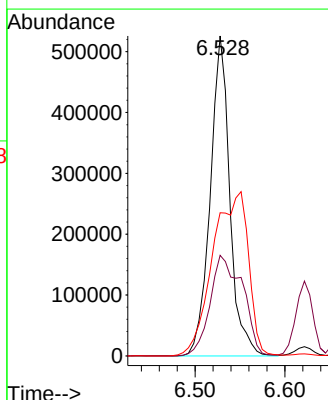
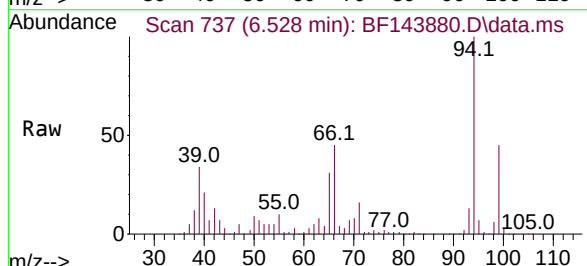
Tgt Ion: 94 Resp: 799210

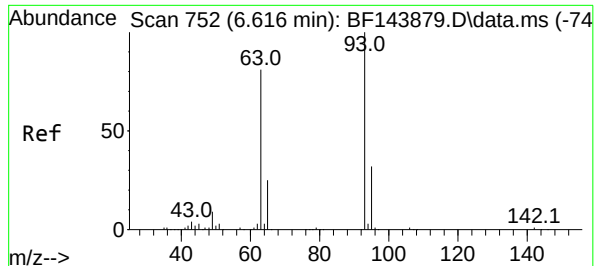
Ion Ratio Lower Upper

94 100

65 31.4 8.5 48.5

66 44.7 19.9 59.9

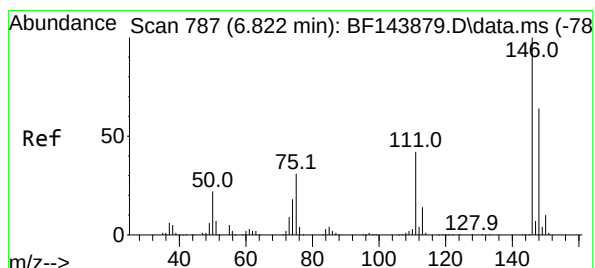
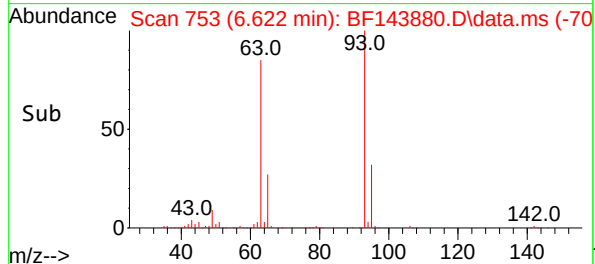
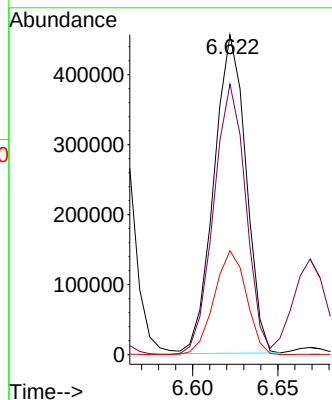
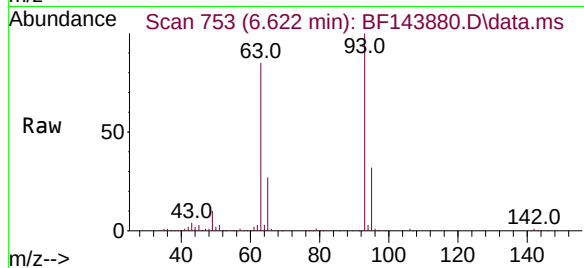




#11
bis(2-Chloroethyl)ether
Concen: 47.169 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

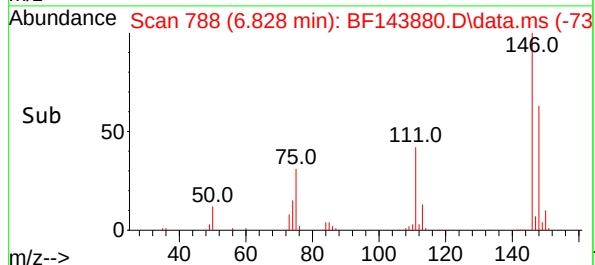
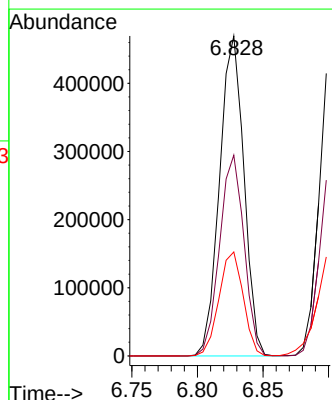
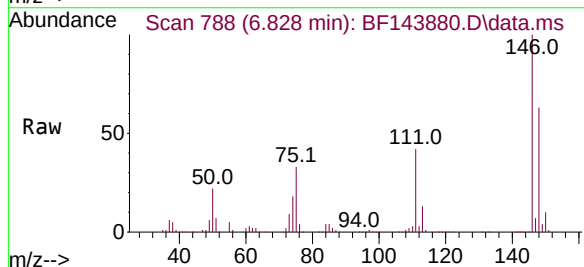
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

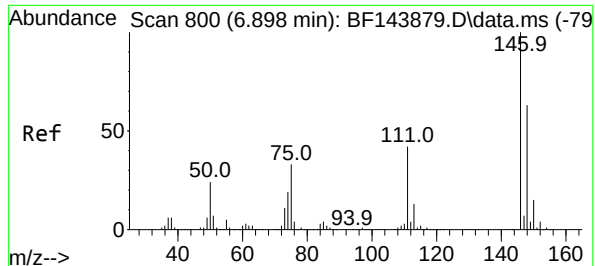
Tgt Ion: 93 Resp: 595127
Ion Ratio Lower Upper
93 100
63 84.5 60.9 100.9
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 45.318 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 146 Resp: 607764
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
75 32.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.612 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

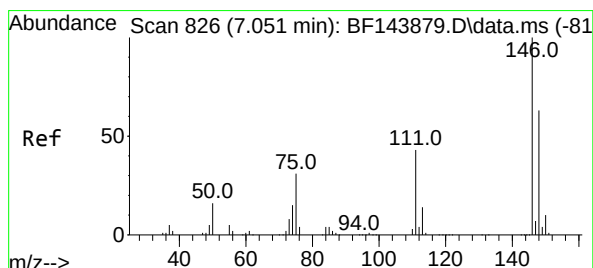
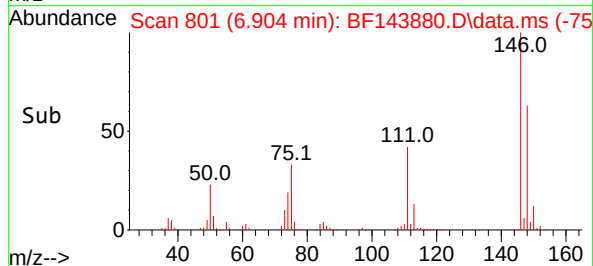
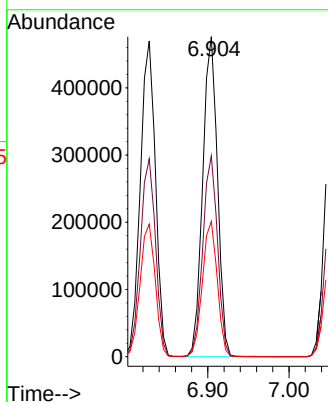
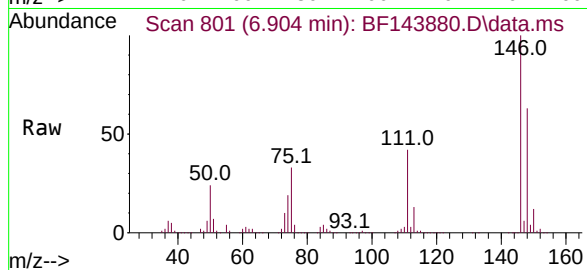
Tgt Ion:146 Resp: 603407

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.072 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

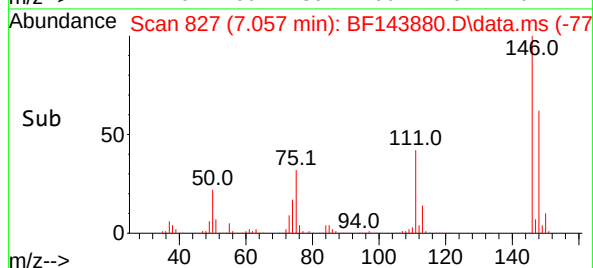
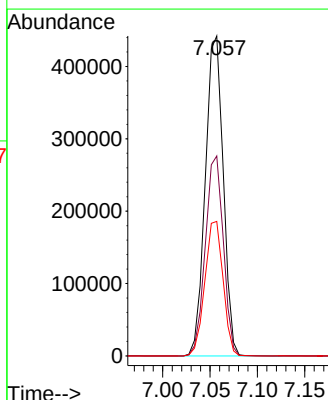
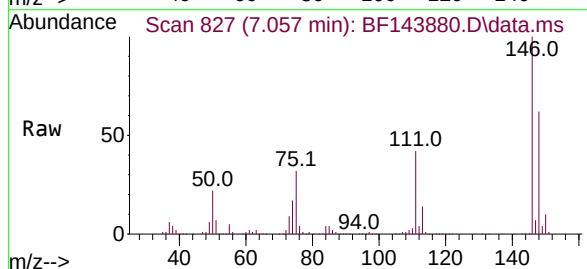
Tgt Ion:146 Resp: 583790

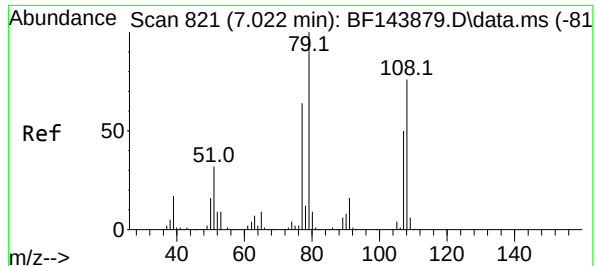
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 50.402 ng

RT: 7.028 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

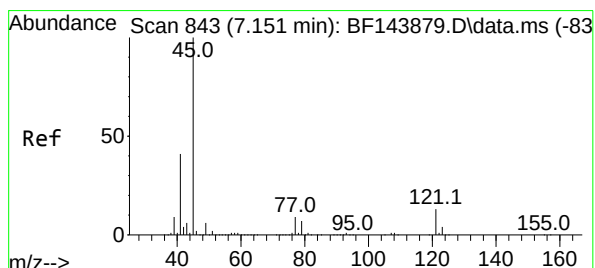
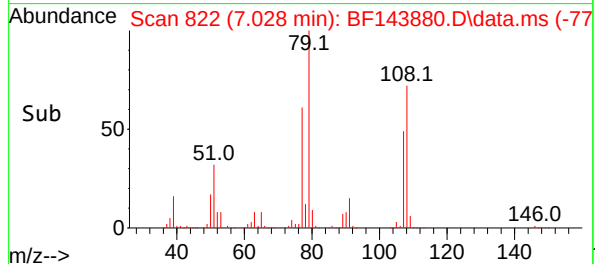
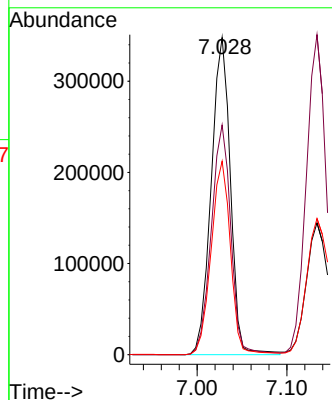
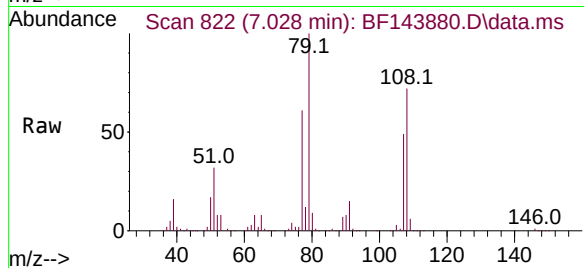
Tgt Ion: 79 Resp: 515929

Ion Ratio Lower Upper

79 100

108 72.4 60.8 91.2

77 61.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.652 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

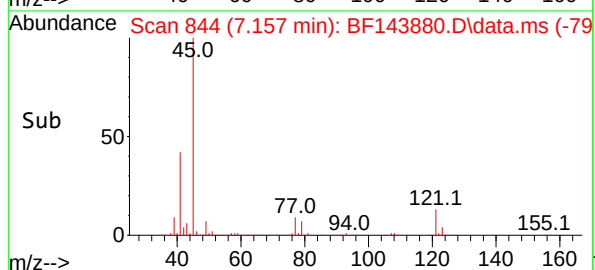
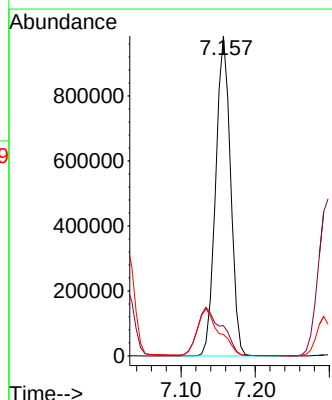
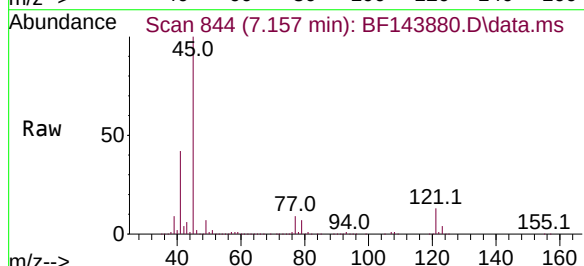
Tgt Ion: 45 Resp: 1368524

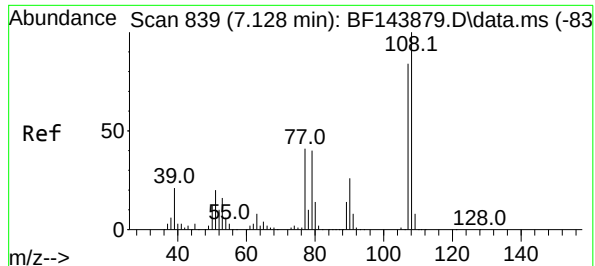
Ion Ratio Lower Upper

45 100

77 9.4 0.0 29.0

79 6.7 0.0 26.8

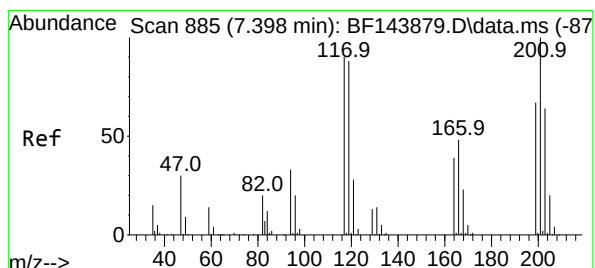
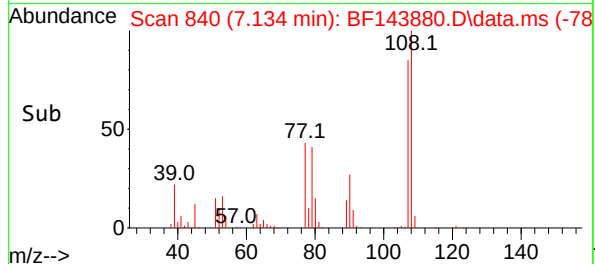
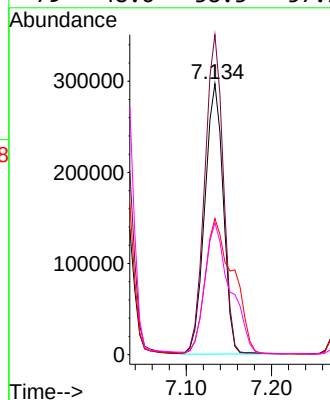
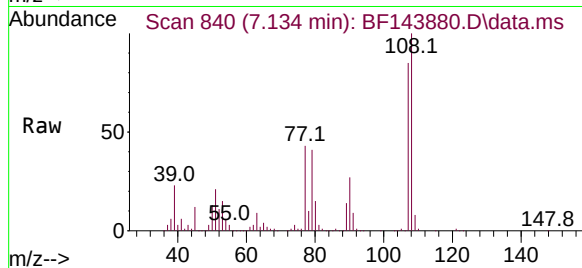




#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

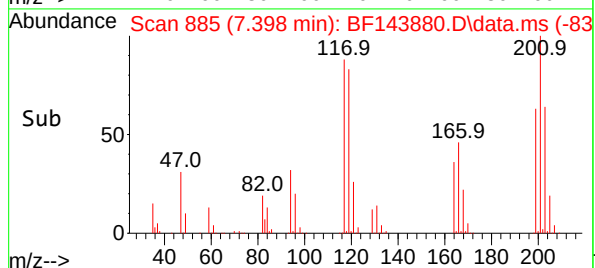
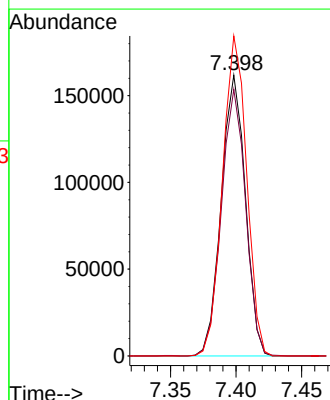
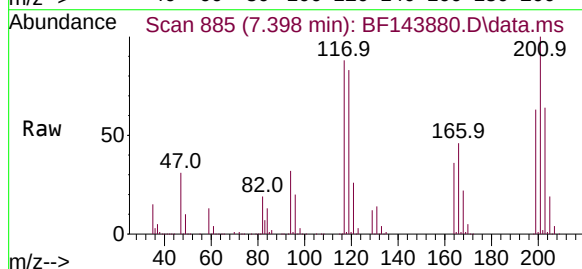
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

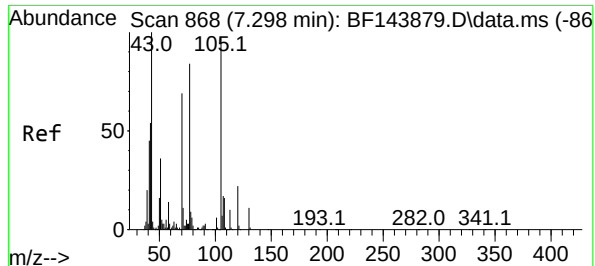
Tgt Ion:	107	Resp:	448120
Ion	Ratio	Lower	Upper
107	100		
108	118.1	94.7	142.1
77	50.2	38.8	58.2
79	48.6	38.3	57.5



#18
Hexachloroethane
Concen: 47.017 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:	117	Resp:	207432
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.8	116.8
201	114.0	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.198 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143880.D

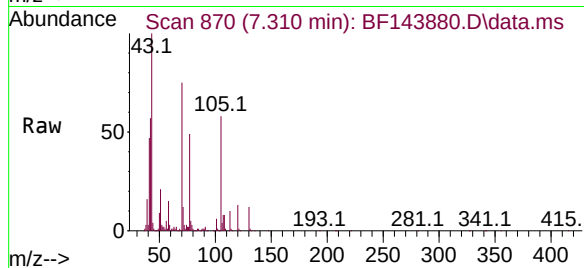
Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 441373

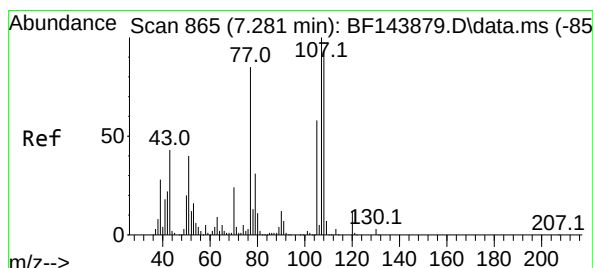
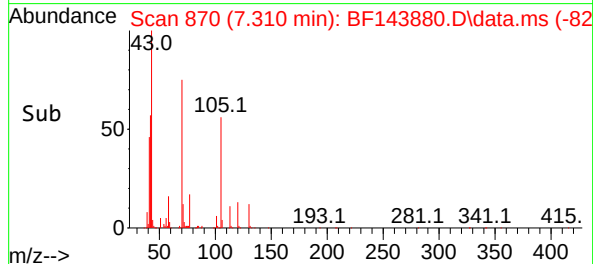
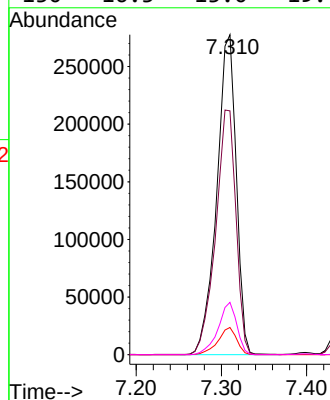
Ion Ratio Lower Upper

70 100

42 76.2 62.8 94.2

101 8.5 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 45.276 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 107 Resp: 485879

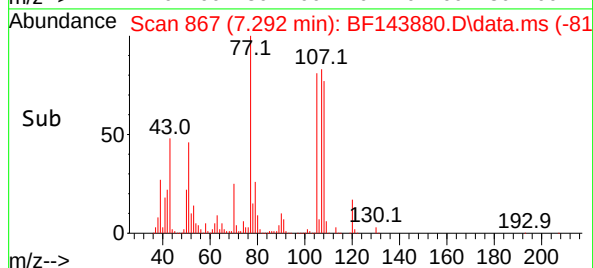
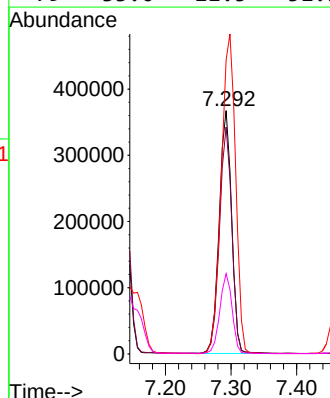
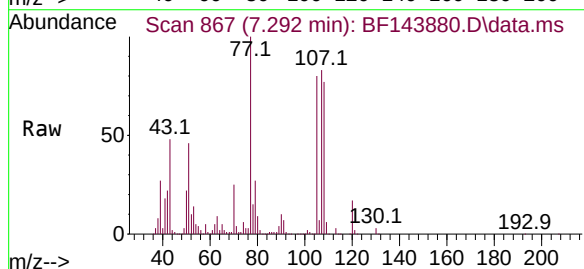
Ion Ratio Lower Upper

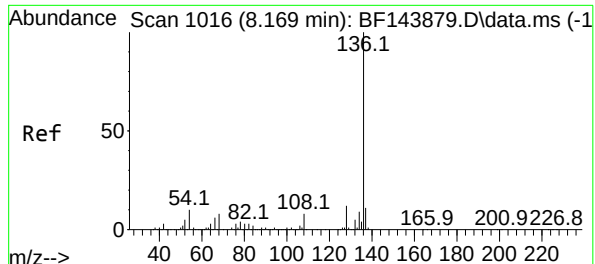
107 100

108 93.2 73.0 113.0

77 120.9 64.6 104.6#

79 33.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 710843

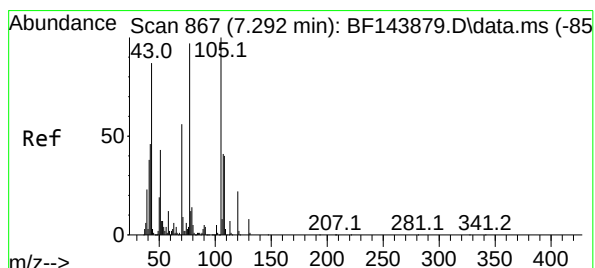
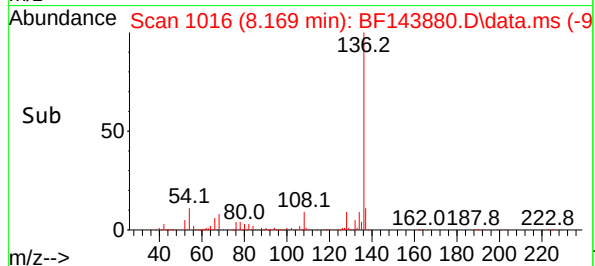
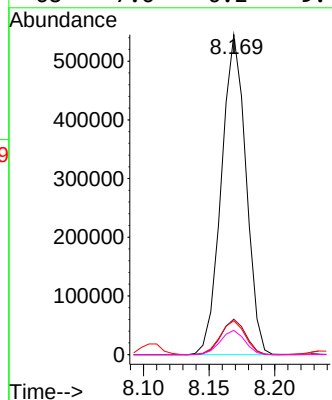
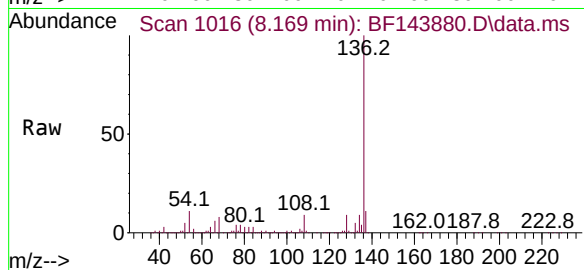
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.6 8.2 12.4

68 7.6 6.2 9.4



#22

Acetophenone

Concen: 44.262 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:105 Resp: 665276

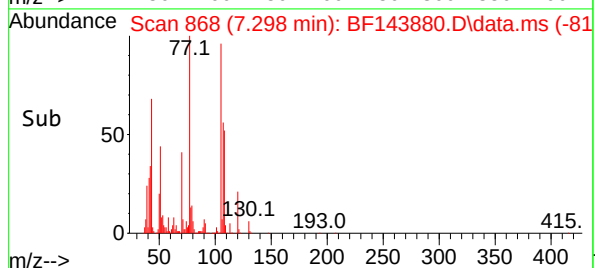
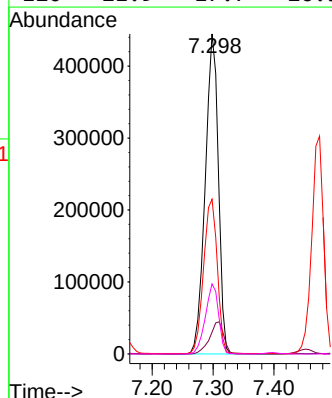
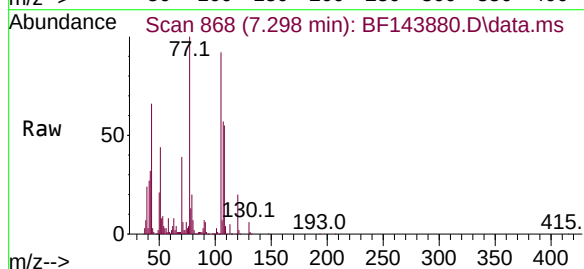
Ion Ratio Lower Upper

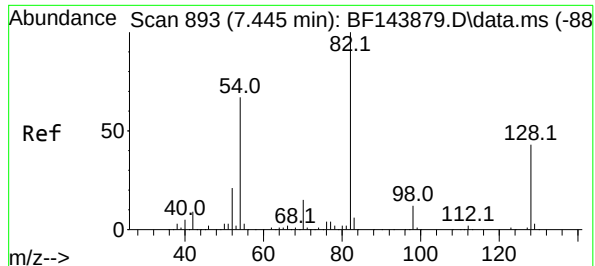
105 100

71 6.8 7.4 11.0#

51 48.3 34.2 51.4

120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 98.174 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

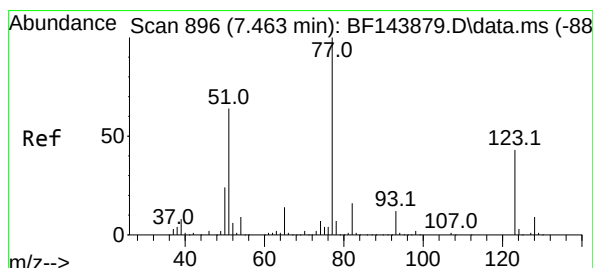
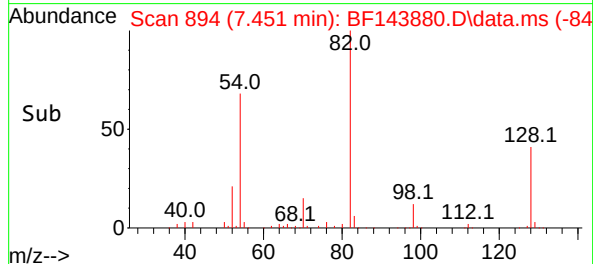
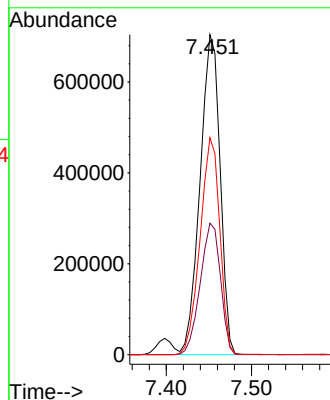
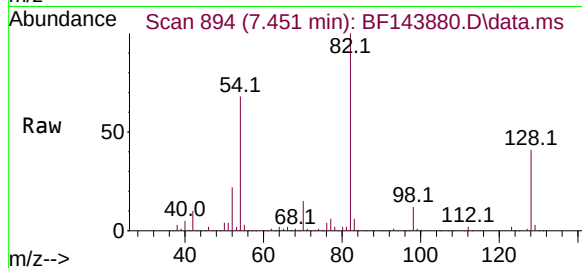
BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 1148649

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	67.8	53.2	79.8



#24

Nitrobenzene

Concen: 48.155 ng

RT: 7.475 min Scan# 898

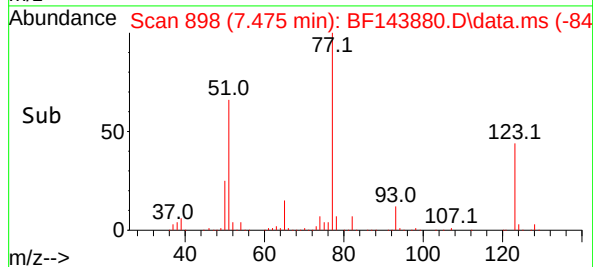
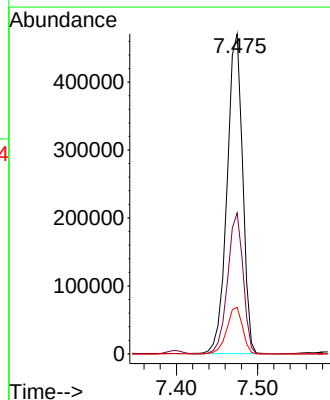
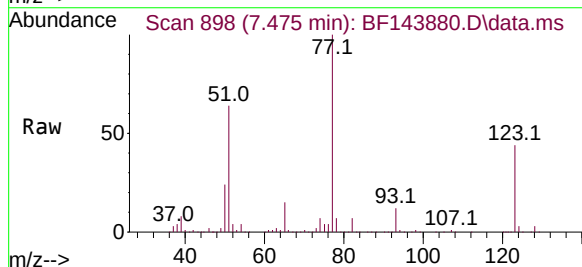
Delta R.T. 0.000 min

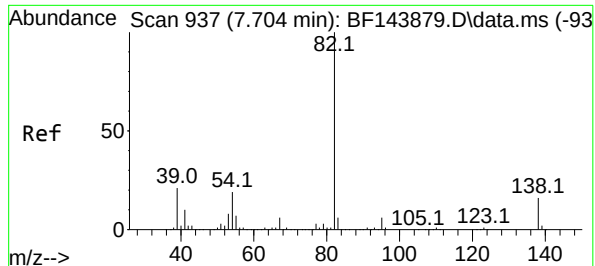
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 77 Resp: 625692

Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.2	51.4
65	14.6	11.0	16.6





#25

Isophorone

Concen: 47.877 ng

RT: 7.716 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

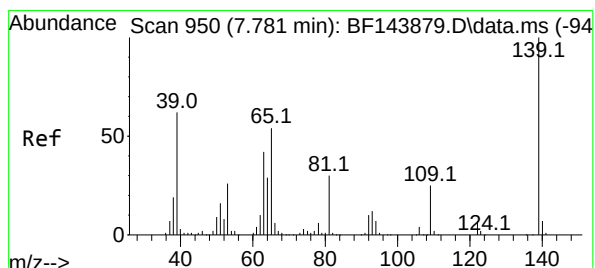
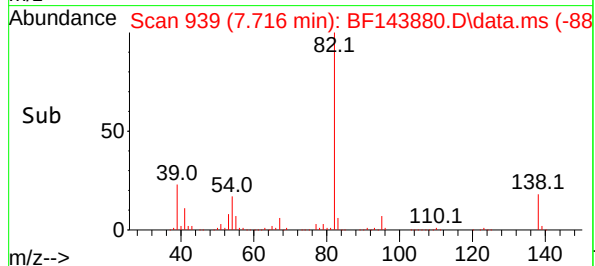
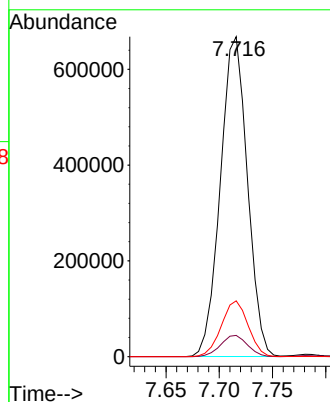
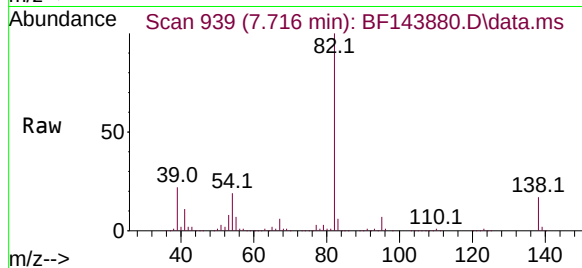
Tgt Ion: 82 Resp: 1181135

Ion Ratio Lower Upper

82 100

95 6.6 5.1 7.7

138 17.4 12.9 19.3



#26

2-Nitrophenol

Concen: 53.208 ng

RT: 7.786 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

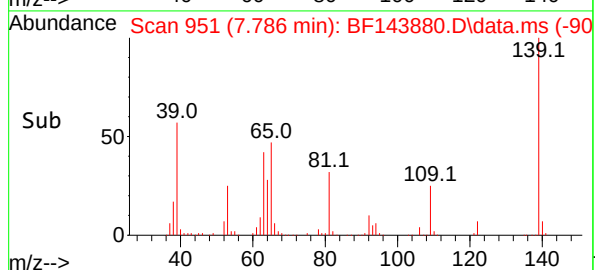
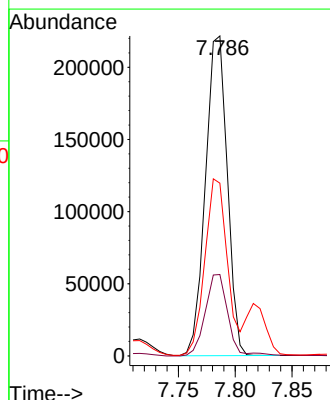
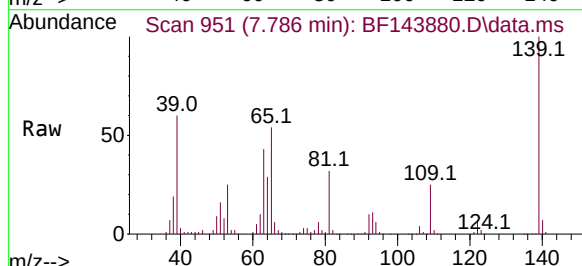
Tgt Ion:139 Resp: 296399

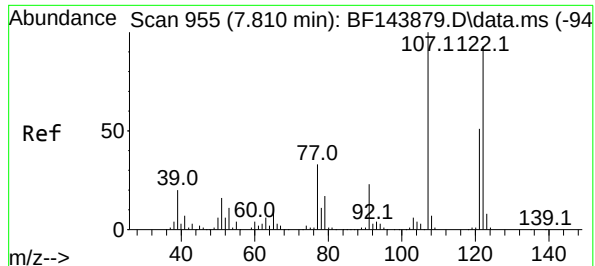
Ion Ratio Lower Upper

139 100

109 25.5 19.8 29.6

65 54.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.987 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

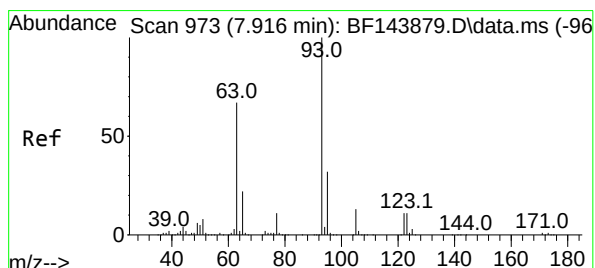
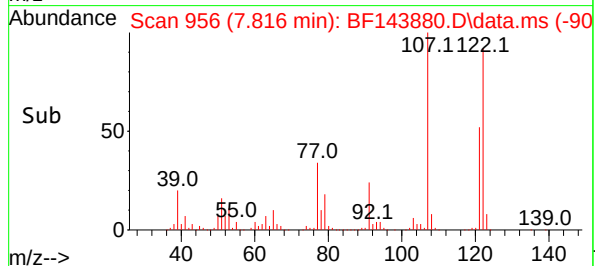
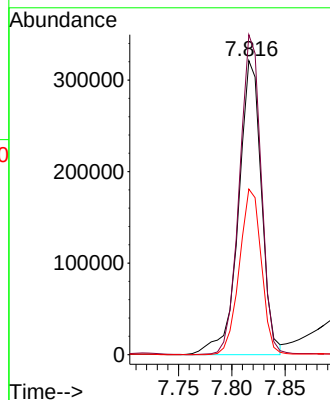
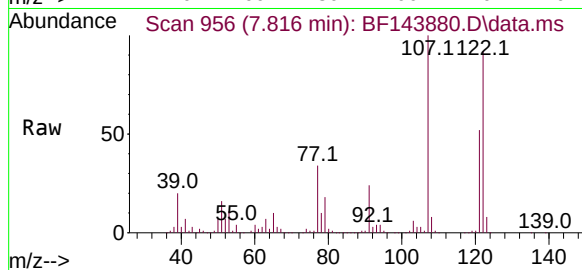
Tgt Ion:122 Resp: 480868

Ion Ratio Lower Upper

122 100

107 108.8 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.333 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

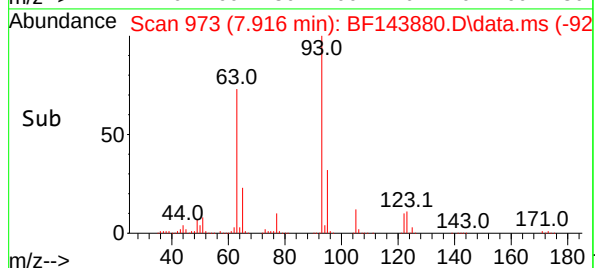
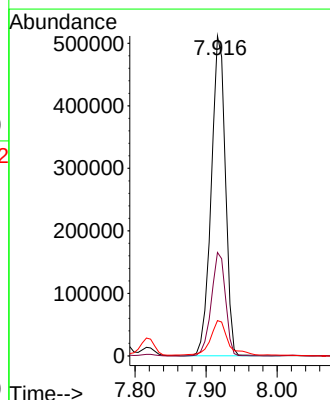
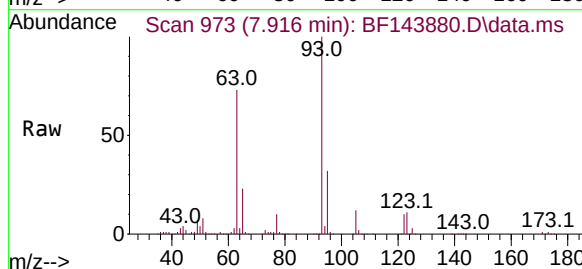
Tgt Ion: 93 Resp: 706471

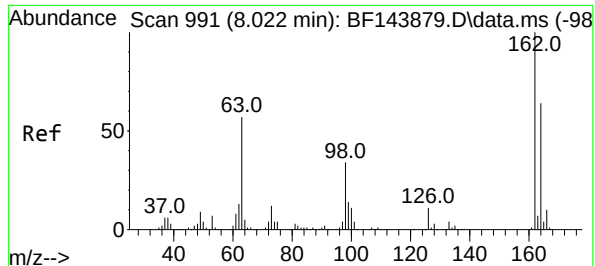
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.642 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

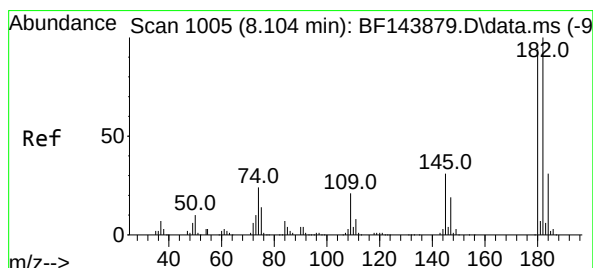
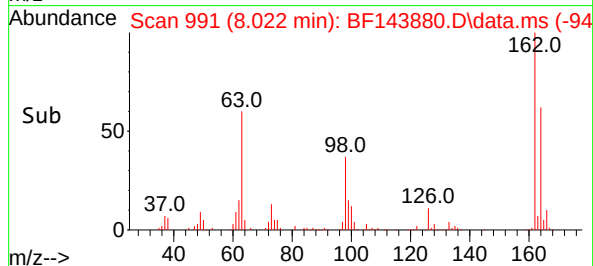
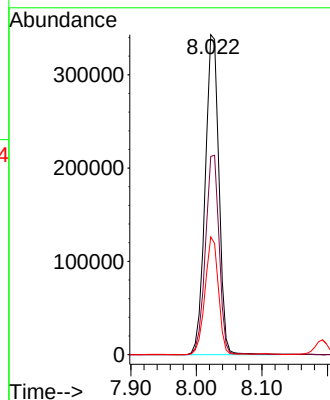
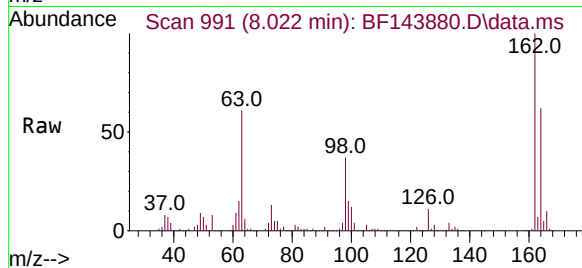
Tgt Ion:162 Resp: 497289

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 36.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.083 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

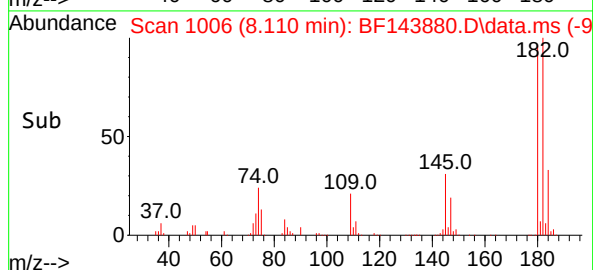
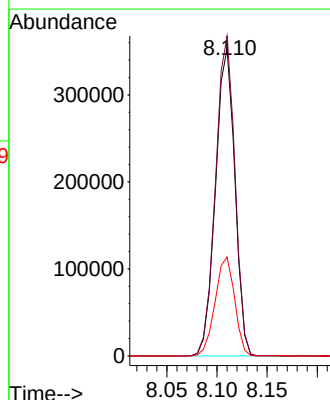
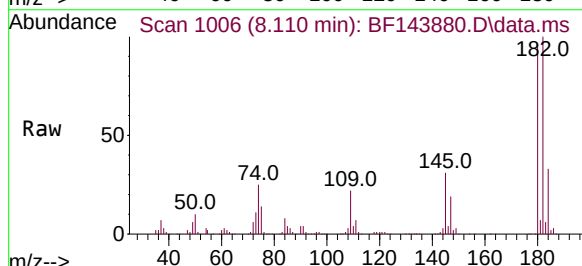
Tgt Ion:180 Resp: 473064

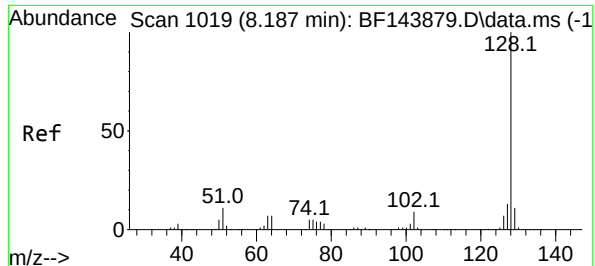
Ion Ratio Lower Upper

180 100

182 104.1 85.4 128.0

145 32.2 26.3 39.5





#31

Naphthalene

Concen: 44.890 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

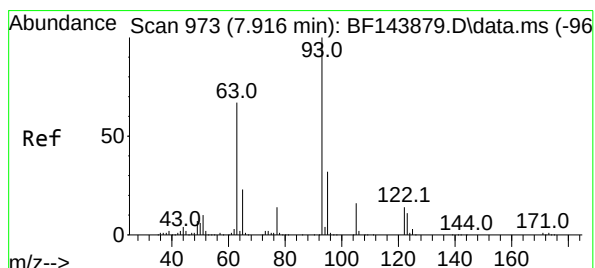
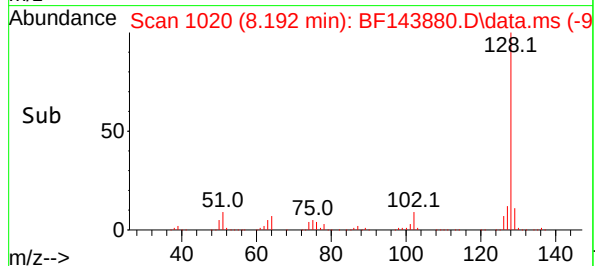
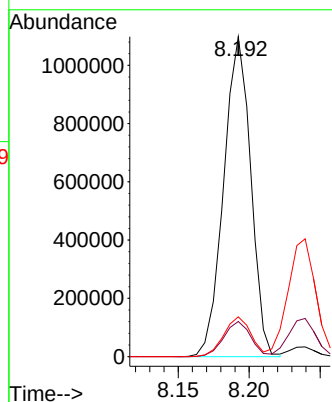
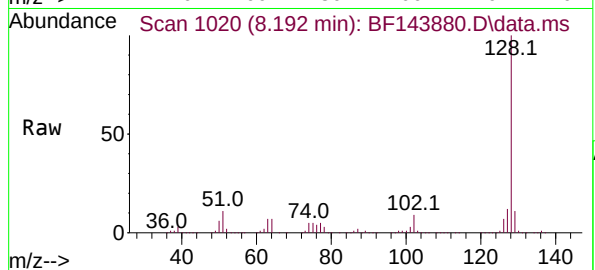
Tgt Ion:128 Resp: 1451547

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.4 10.0 15.0



#32

Benzoic acid

Concen: 55.462 ng

RT: 7.945 min Scan# 978

Delta R.T. -0.018 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

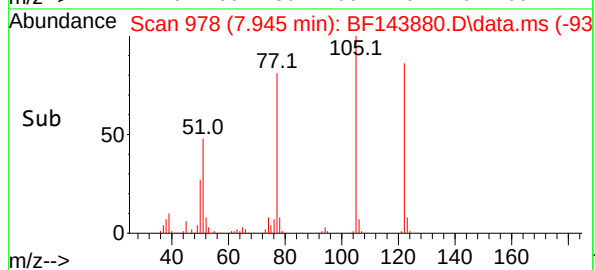
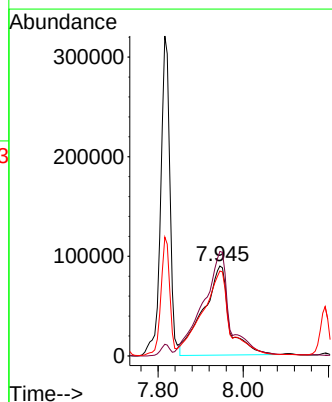
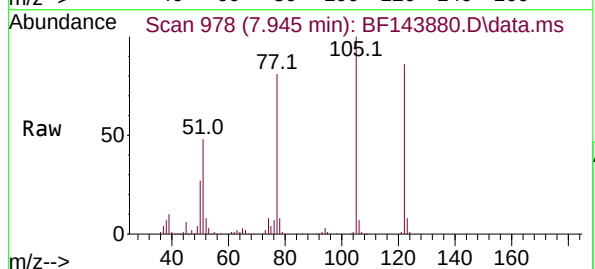
Tgt Ion:122 Resp: 384635

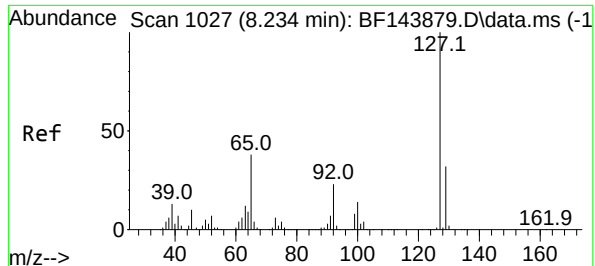
Ion Ratio Lower Upper

122 100

105 116.3 93.5 133.5

77 94.5 76.3 116.3





#33

4-Chloroaniline

Concen: 46.813 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:127 Resp: 567726

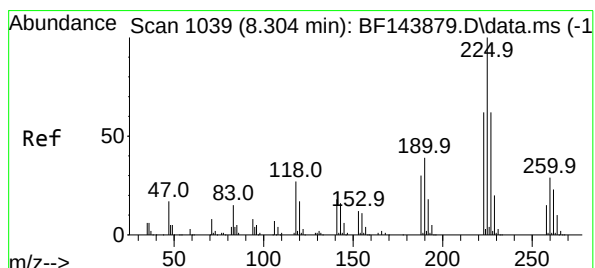
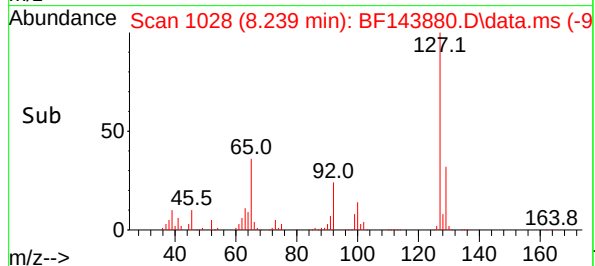
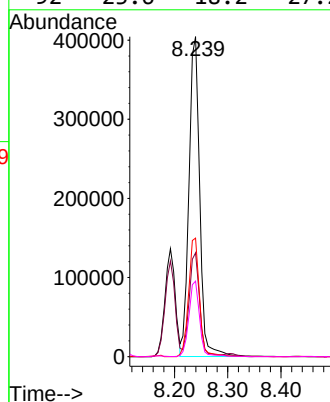
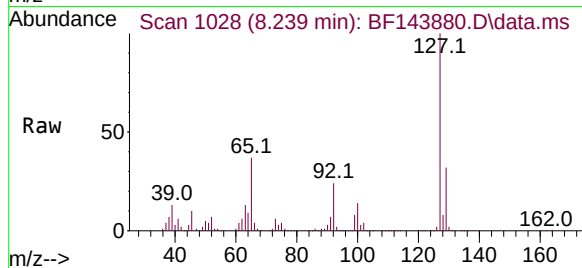
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 37.0 30.0 45.0

92 23.6 18.2 27.2



#34

Hexachlorobutadiene

Concen: 45.586 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

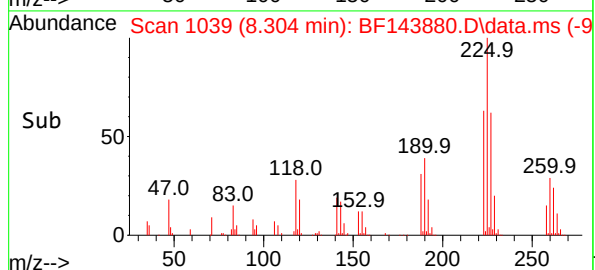
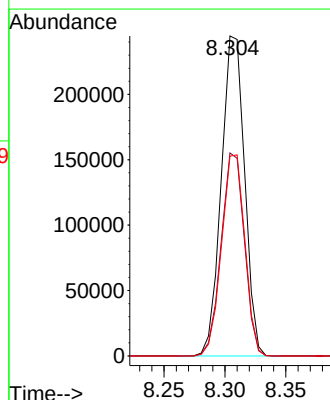
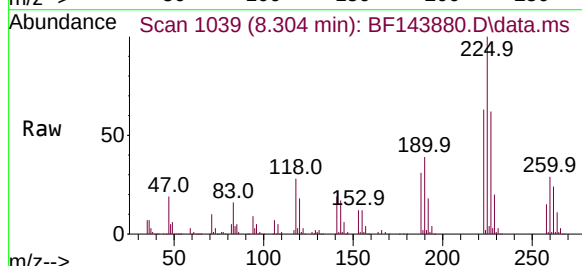
Tgt Ion:225 Resp: 325186

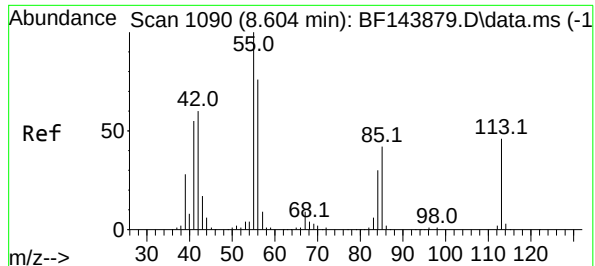
Ion Ratio Lower Upper

225 100

223 63.4 49.4 74.2

227 62.4 49.7 74.5





#35

Caprolactam

Concen: 50.565 ng

RT: 8.628 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

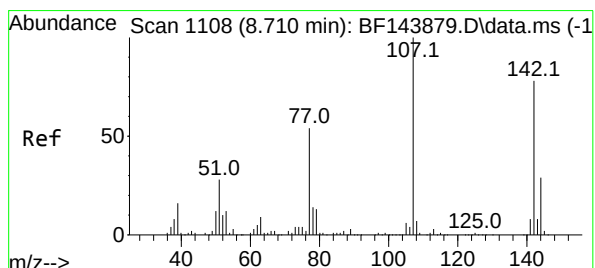
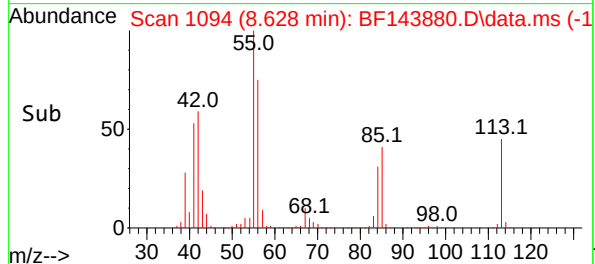
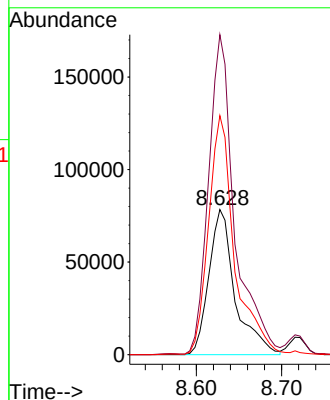
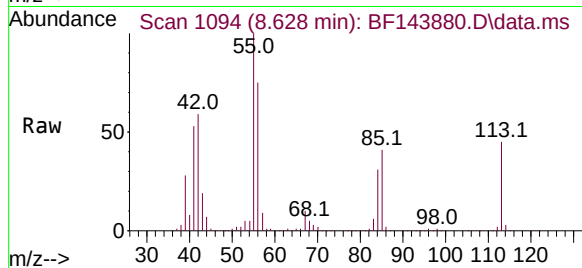
Tgt Ion:113 Resp: 167817

Ion Ratio Lower Upper

113 100

55 220.6 199.6 239.6

56 164.8 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 47.612 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

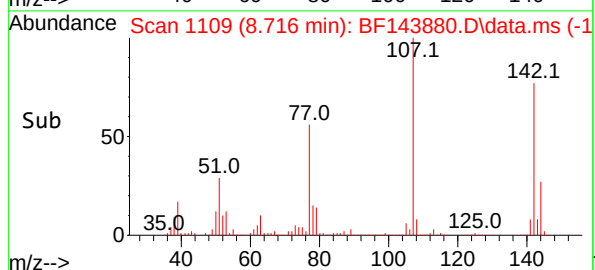
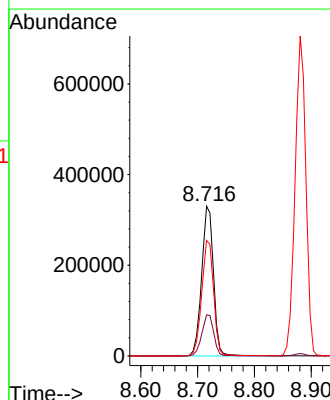
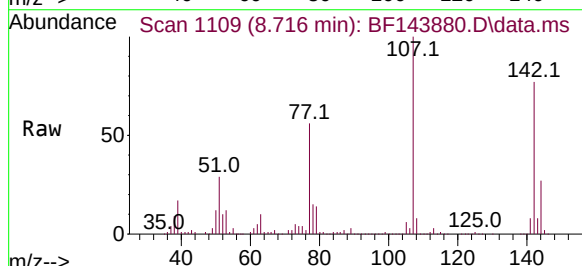
Tgt Ion:107 Resp: 477376

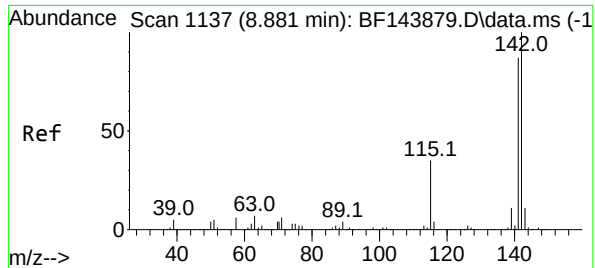
Ion Ratio Lower Upper

107 100

144 27.5 23.1 34.7

142 77.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.453 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

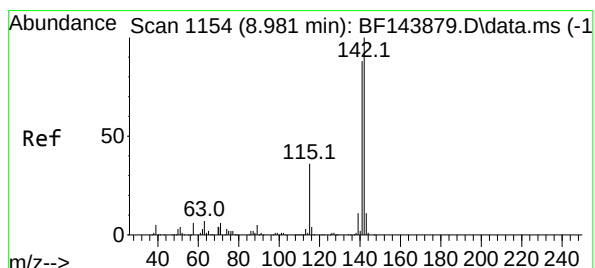
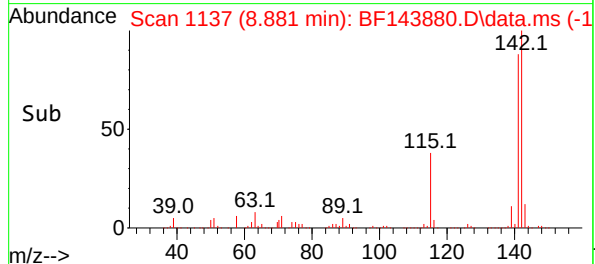
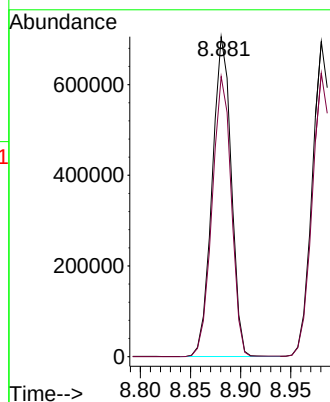
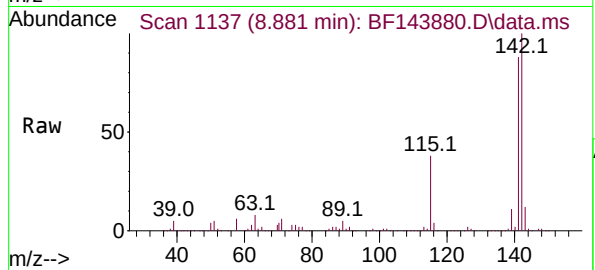
SSTDIC050

Tgt Ion:142 Resp: 935960

Ion Ratio Lower Upper

142 100

141 87.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.965 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143880.D

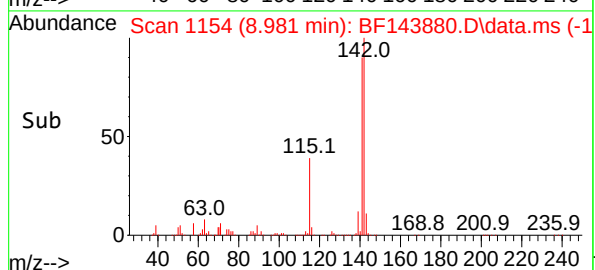
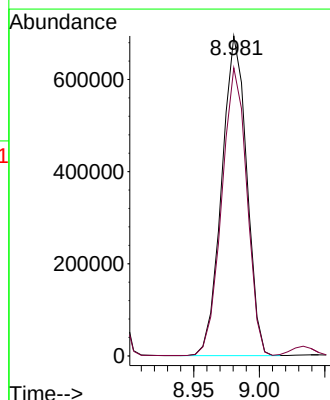
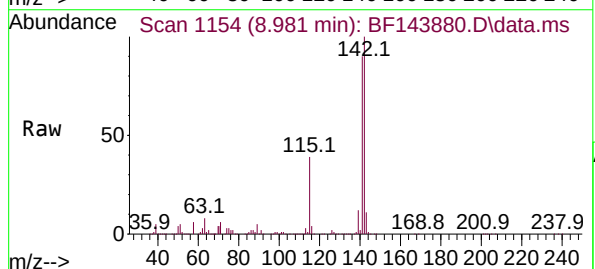
Acq: 06 Oct 2025 13:23

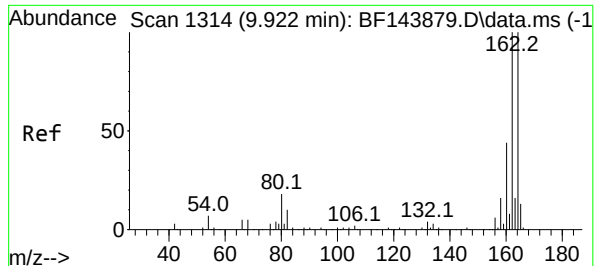
Tgt Ion:142 Resp: 918550

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

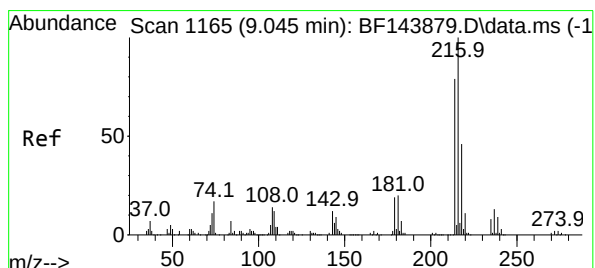
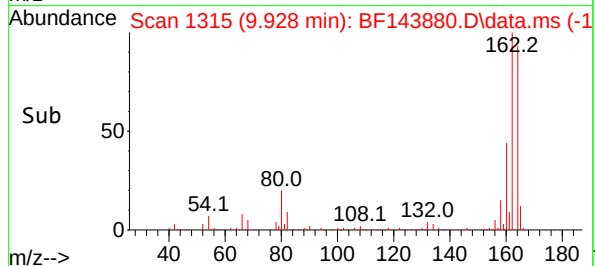
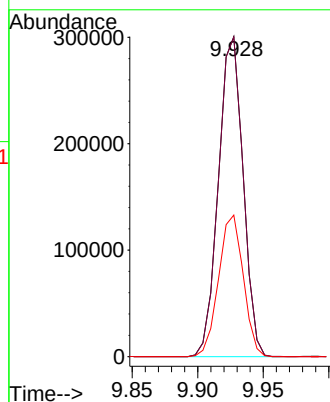
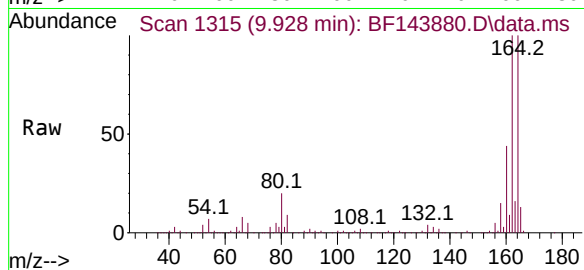
Tgt Ion:164 Resp: 393762

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.187 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:216 Resp: 491771

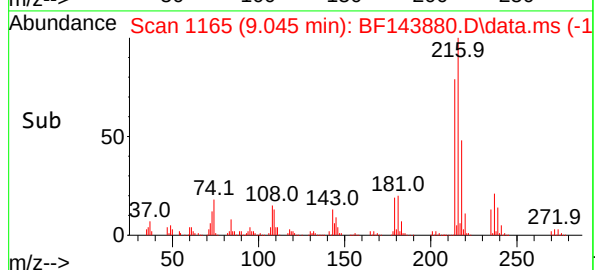
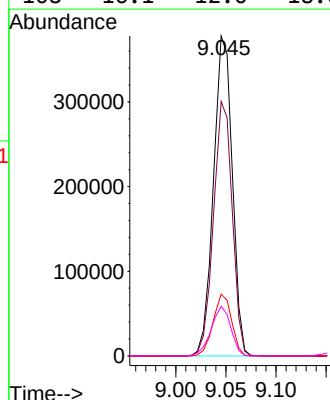
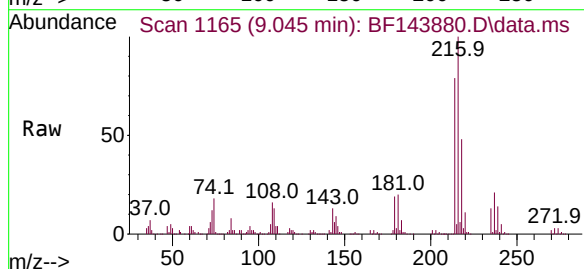
Ion Ratio Lower Upper

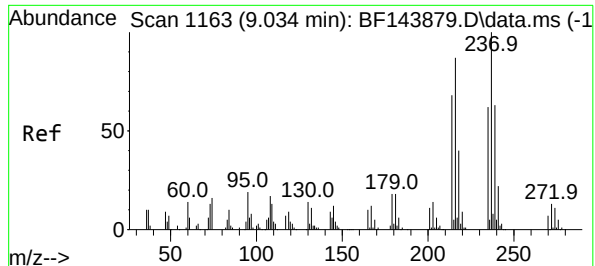
216 100

214 79.2 62.6 94.0

179 19.0 15.4 23.0

108 16.1 12.0 18.0

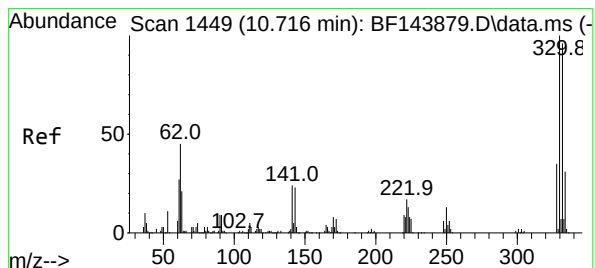
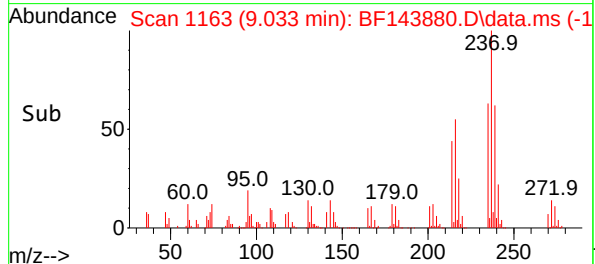
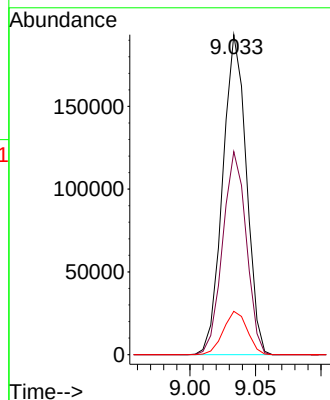
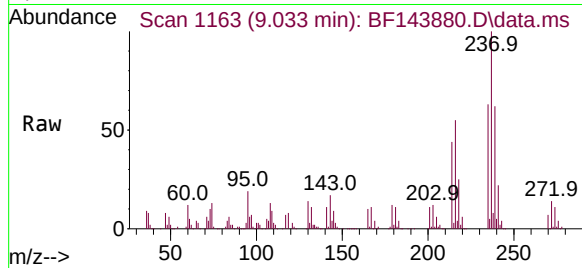




#41
Hexachlorocyclopentadiene
Concen: 53.686 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

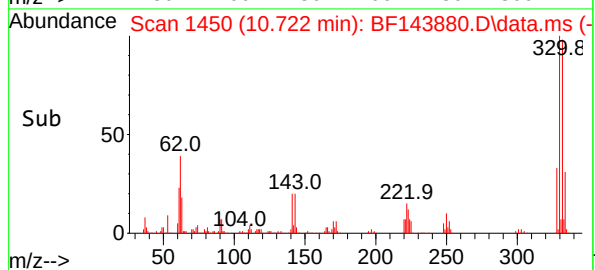
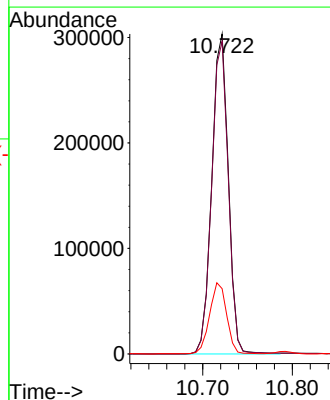
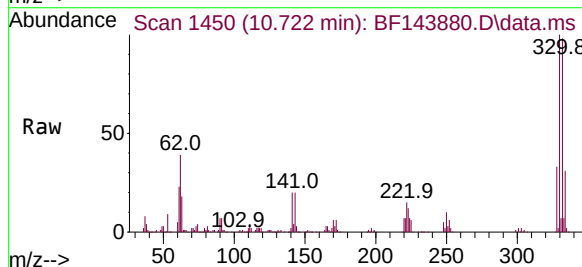
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

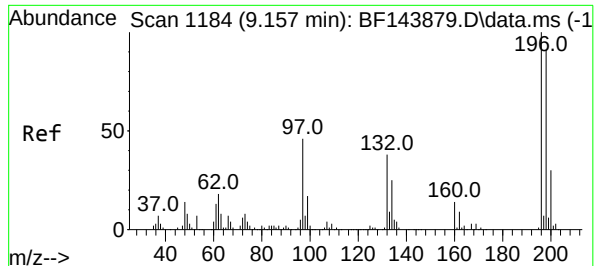
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.3	82.3
272	13.5	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 99.608 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	22.6	20.2	30.4





#43

2,4,6-Trichlorophenol

Concen: 47.410 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143880.D

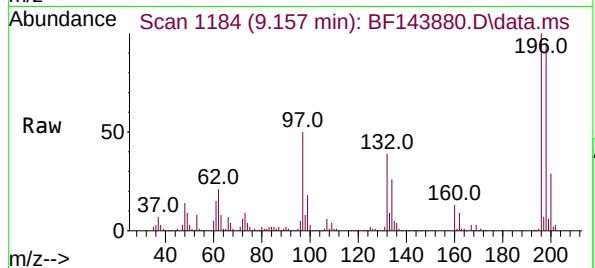
Acq: 06 Oct 2025 13:23

Instrument :

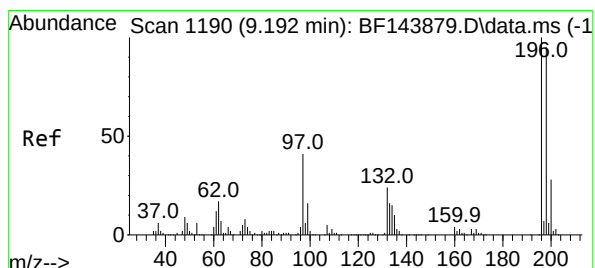
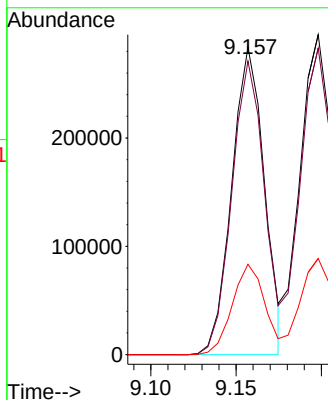
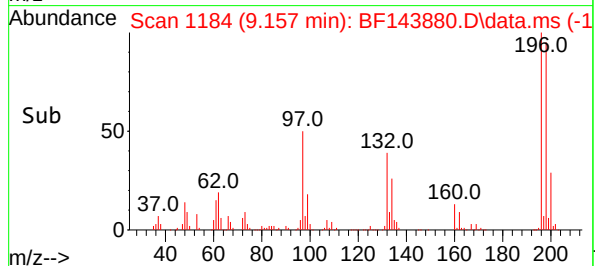
BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196	Resp: 376991
Ion Ratio	Lower Upper
196 100	
198 95.4	72.8 109.2
200 29.4	24.0 36.0



#44

2,4,5-Trichlorophenol

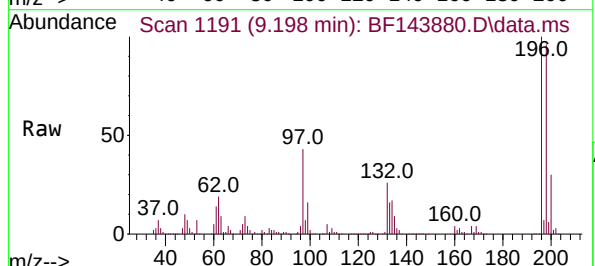
Concen: 47.031 ng

RT: 9.198 min Scan# 1191

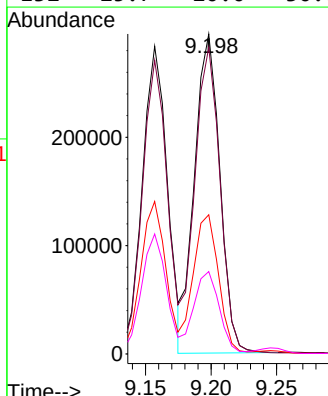
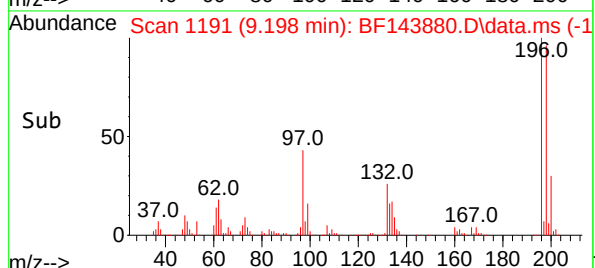
Delta R.T. -0.006 min

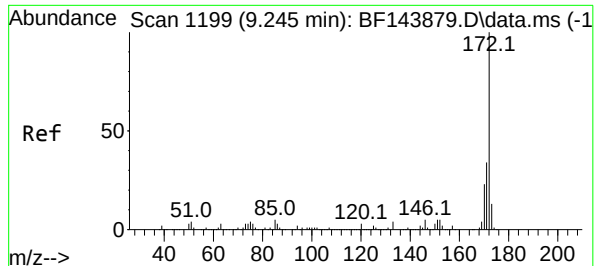
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23



Tgt	Ion:196	Resp:	395213
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.5	113.3
97	43.5	33.9	50.9
132	25.7	20.0	30.0





#45

2-Fluorobiphenyl

Concen: 78.050 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

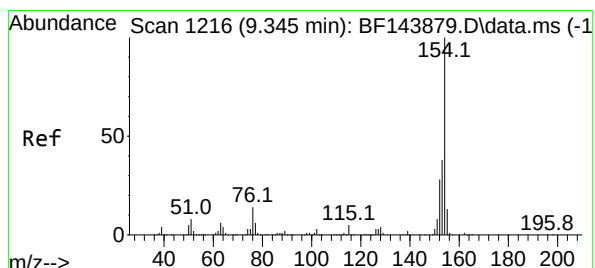
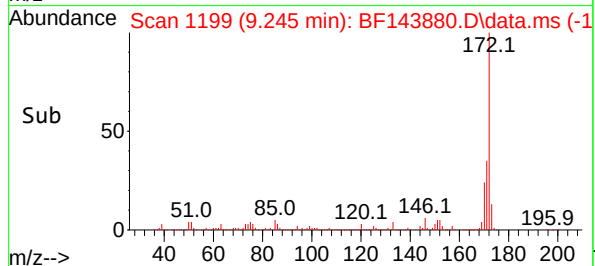
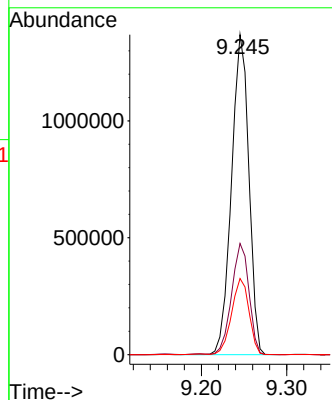
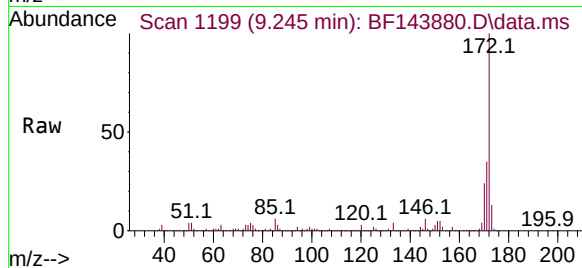
Tgt Ion:172 Resp: 1936883

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.837 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

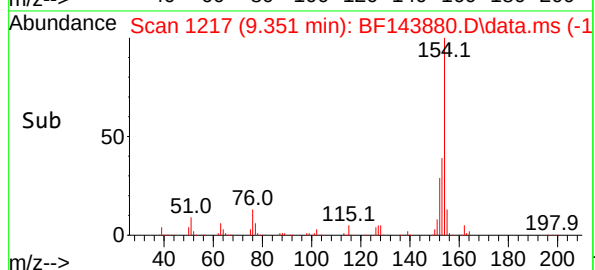
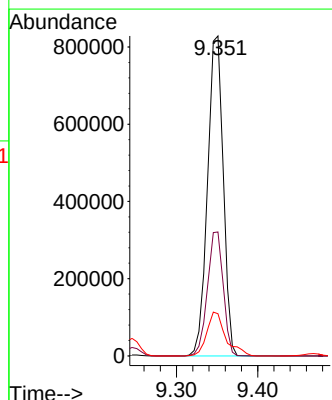
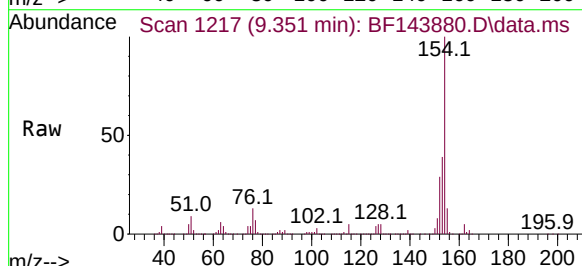
Tgt Ion:154 Resp: 1116775

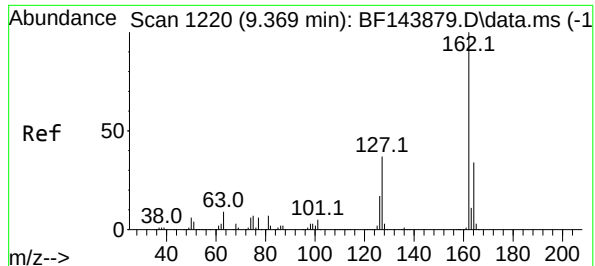
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.748 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

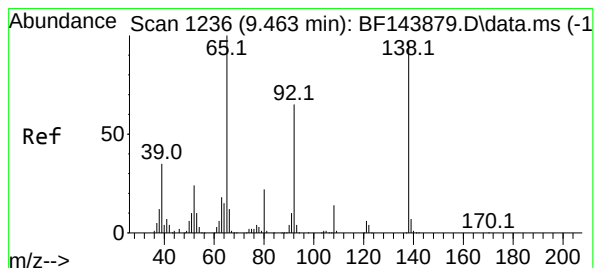
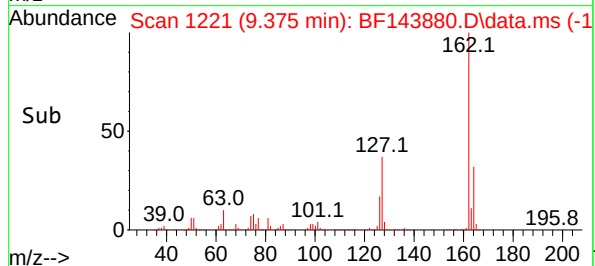
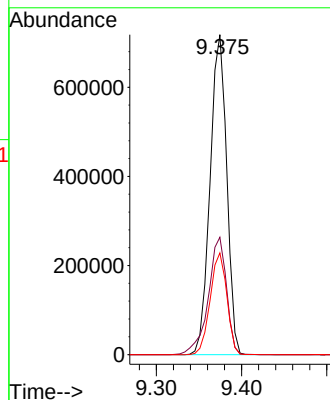
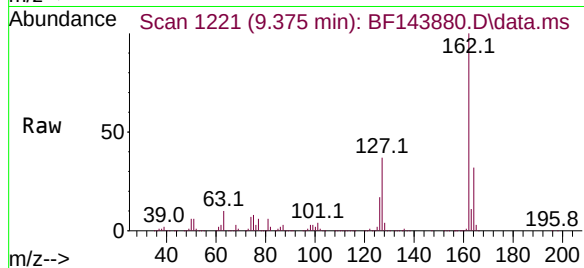
Tgt Ion:162 Resp: 972675

Ion Ratio Lower Upper

162 100

127 36.7 30.2 45.2

164 31.8 26.9 40.3



#48

2-Nitroaniline

Concen: 50.665 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

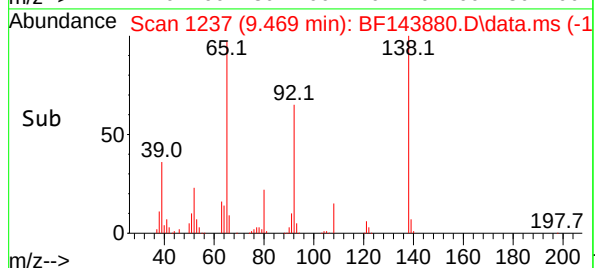
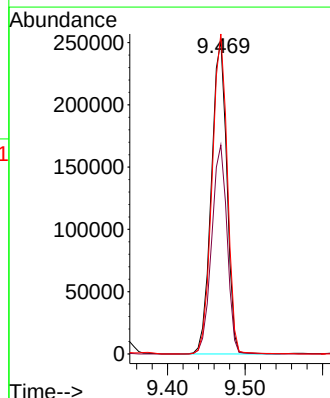
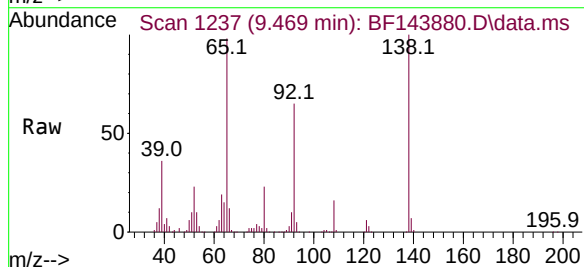
Tgt Ion: 65 Resp: 348179

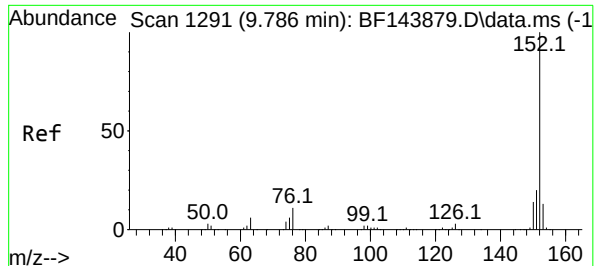
Ion Ratio Lower Upper

65 100

92 66.8 52.1 78.1

138 102.3 77.4 116.2





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

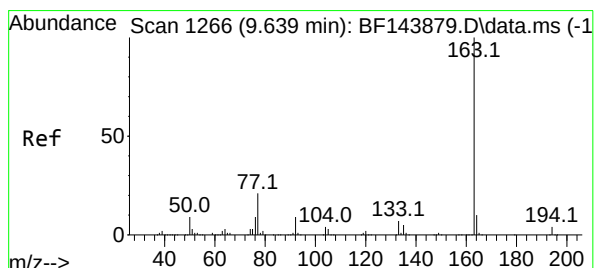
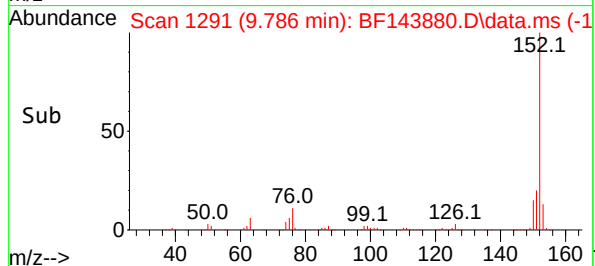
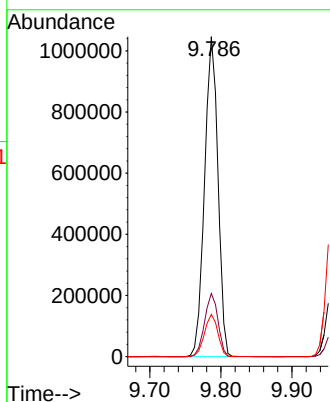
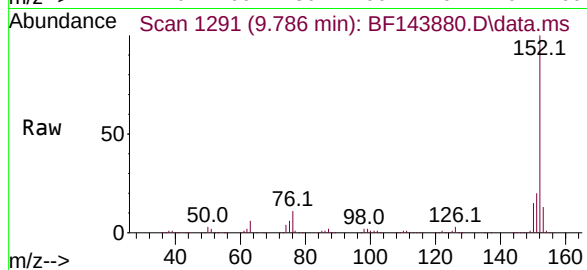
Tgt Ion:152 Resp: 1364193

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 45.888 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

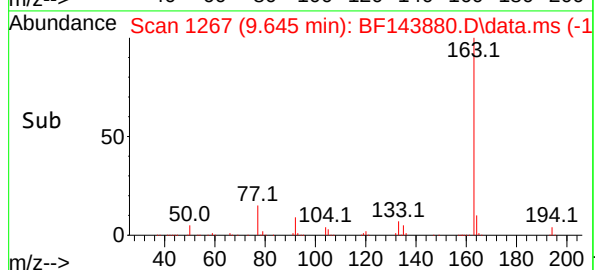
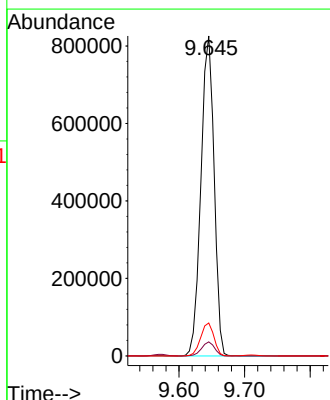
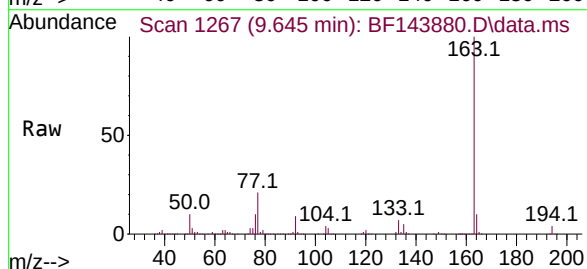
Tgt Ion:163 Resp: 1147448

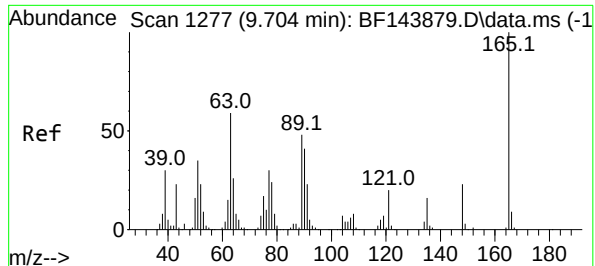
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 53.176 ng

RT: 9.710 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

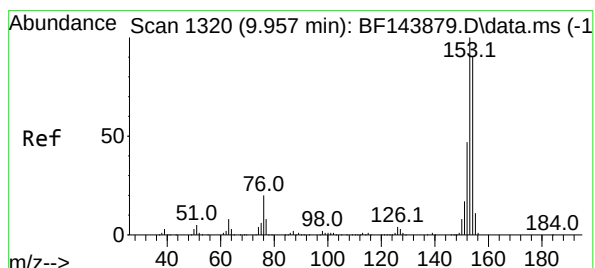
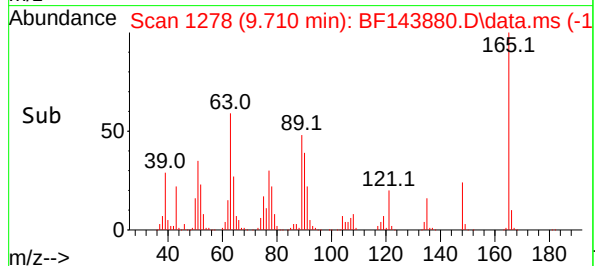
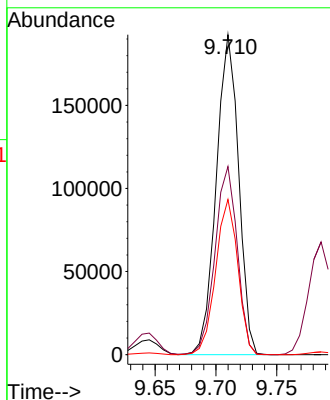
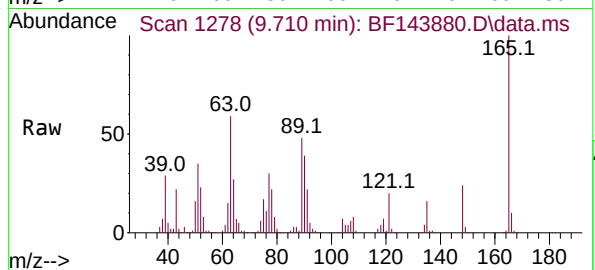
Tgt Ion:165 Resp: 246567

Ion Ratio Lower Upper

165 100

63 58.8 47.3 70.9

89 48.5 38.2 57.4



#52

Acenaphthene

Concen: 44.122 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

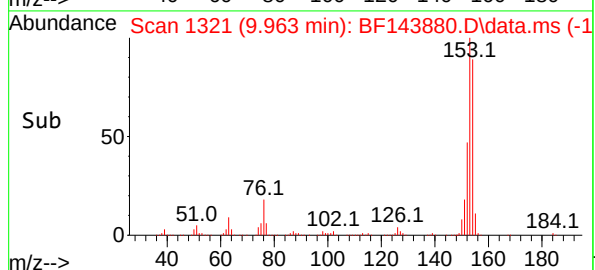
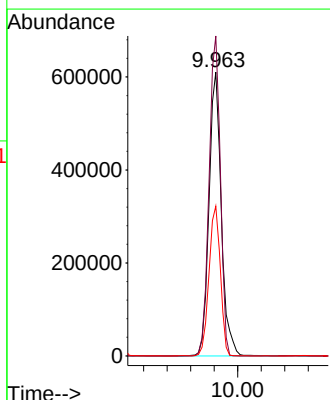
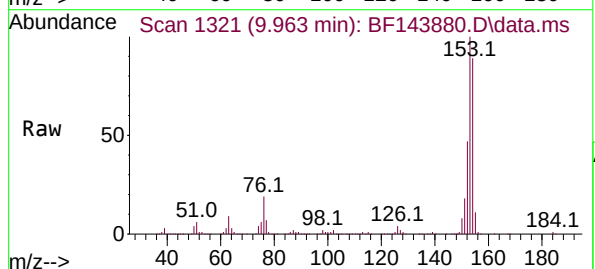
Tgt Ion:154 Resp: 883487

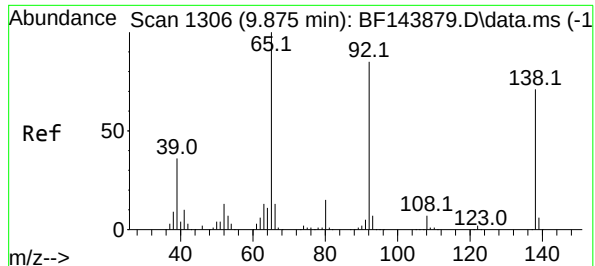
Ion Ratio Lower Upper

154 100

153 112.8 89.3 133.9

152 52.7 42.2 63.2





#53

3-Nitroaniline

Concen: 51.366 ng

RT: 9.880 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

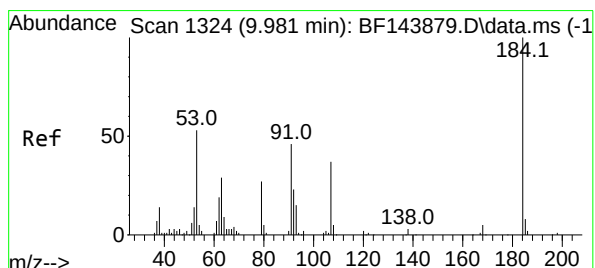
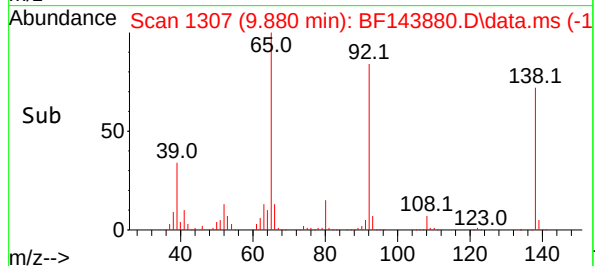
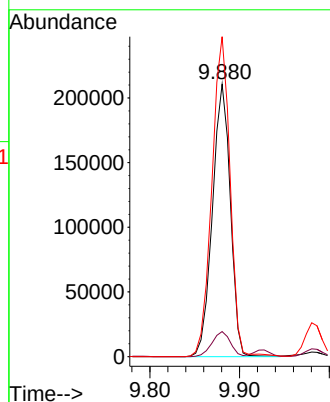
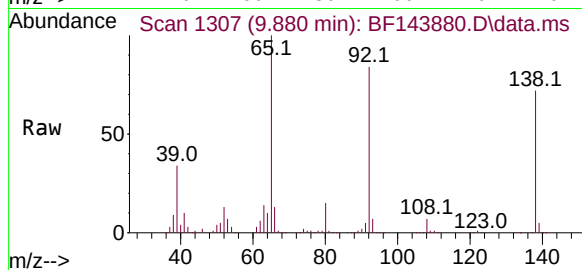
Tgt Ion:138 Resp: 291630

Ion Ratio Lower Upper

138 100

108 9.2 8.3 12.5

92 117.5 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 51.801 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

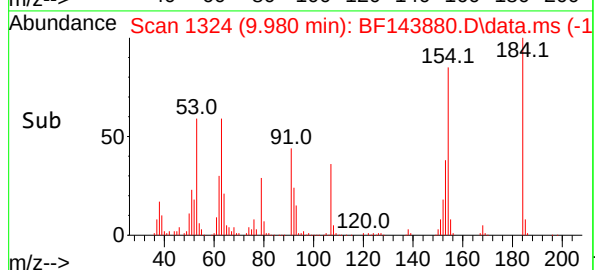
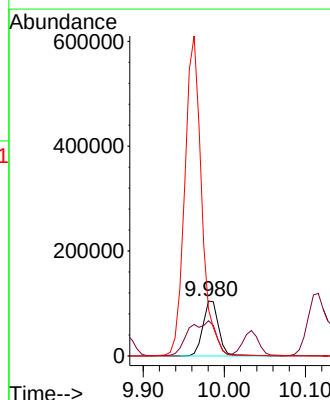
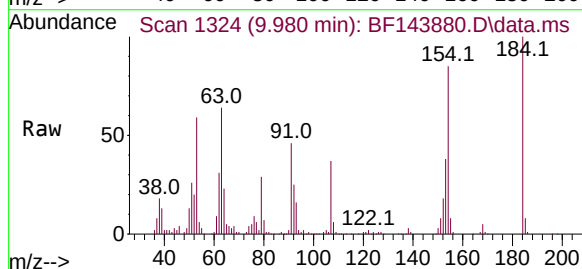
Tgt Ion:184 Resp: 140496

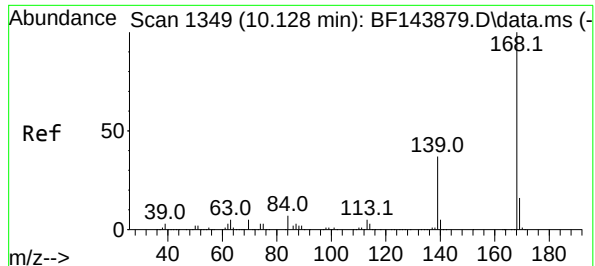
Ion Ratio Lower Upper

184 100

63 64.1 48.2 72.4

154 84.8 49.2 73.8#





#55

Dibenzenofuran

Concen: 43.625 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

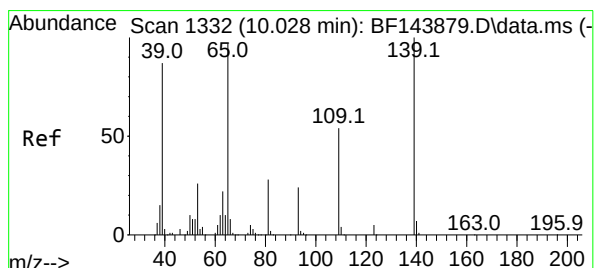
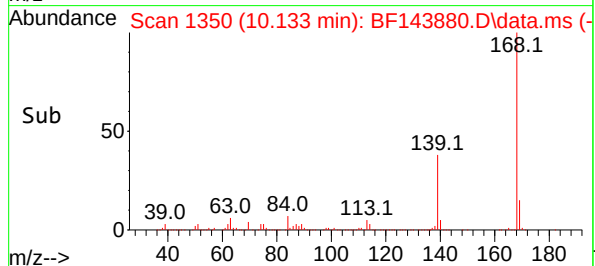
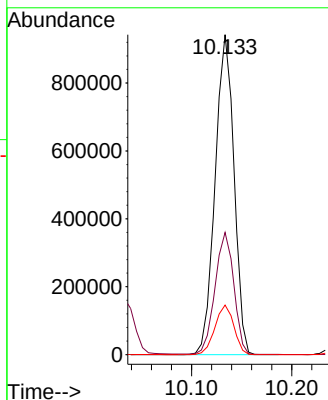
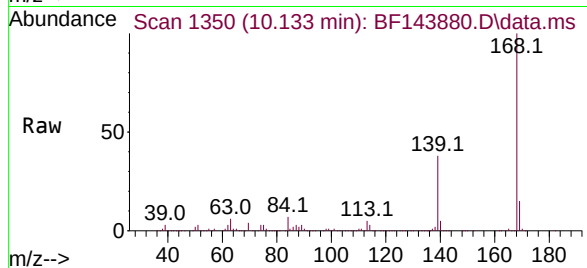
Tgt Ion:168 Resp: 1233091

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.8

169 15.5 12.8 19.2



#56

4-Nitrophenol

Concen: 52.750 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

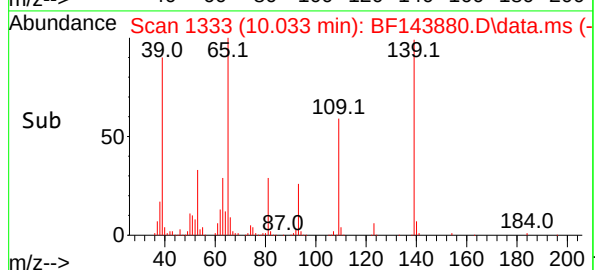
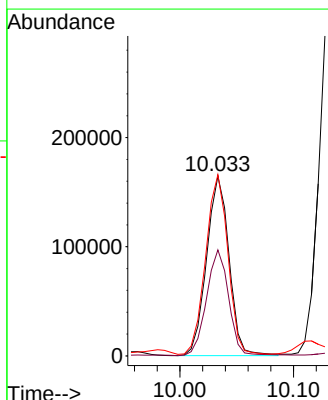
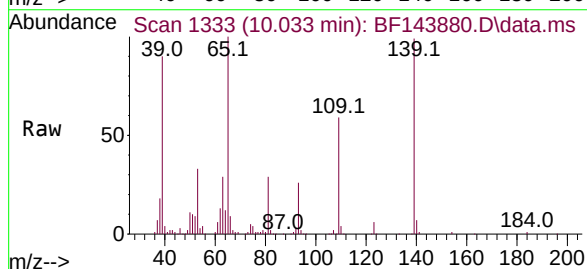
Tgt Ion:139 Resp: 226765

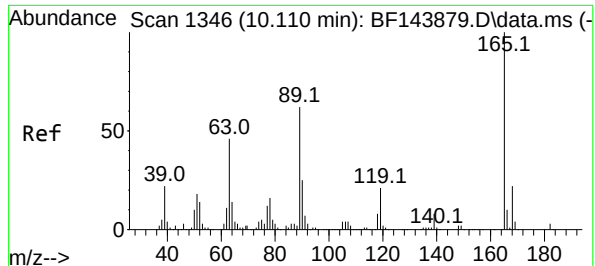
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 100.7 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 52.304 ng

RT: 10.116 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 329984

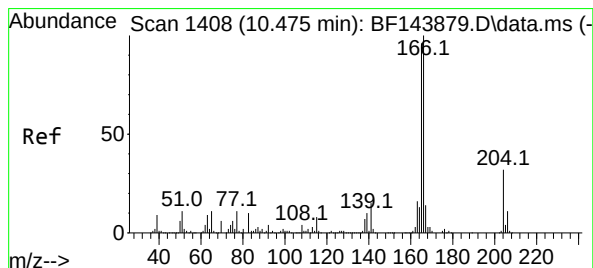
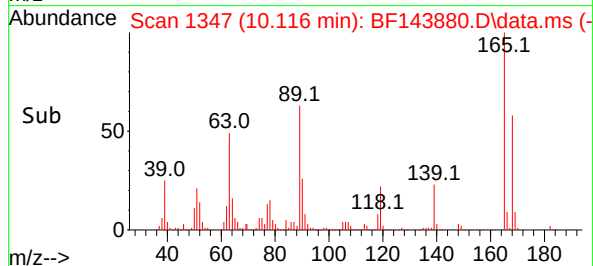
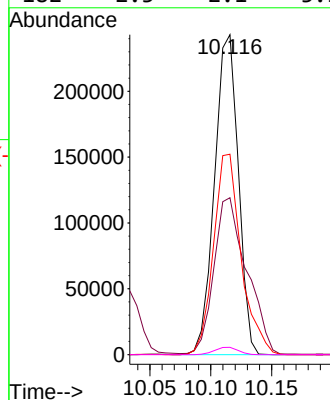
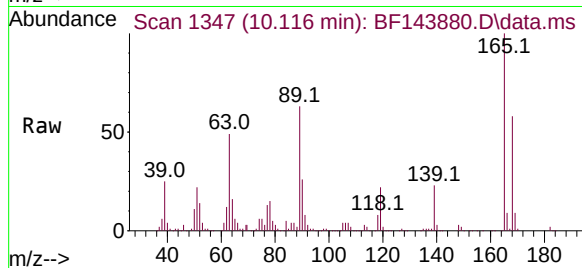
Ion Ratio Lower Upper

165 100

63 49.0 37.2 55.8

89 62.6 49.4 74.2

182 2.3 2.1 3.1



#58

Fluorene

Concen: 41.398 ng

RT: 10.480 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

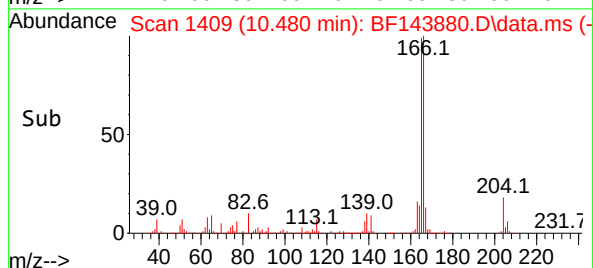
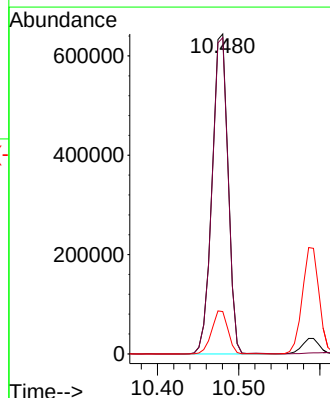
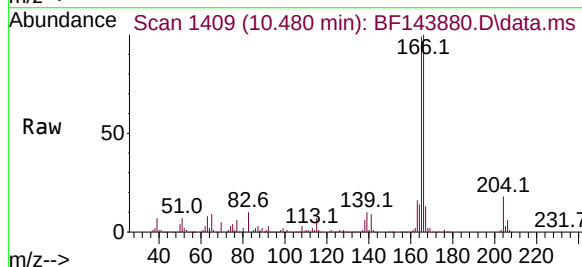
Tgt Ion:166 Resp: 882946

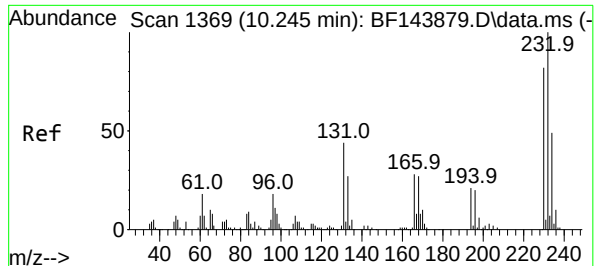
Ion Ratio Lower Upper

166 100

165 98.8 77.0 115.6

167 13.2 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.591 ng

RT: 10.251 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 294987

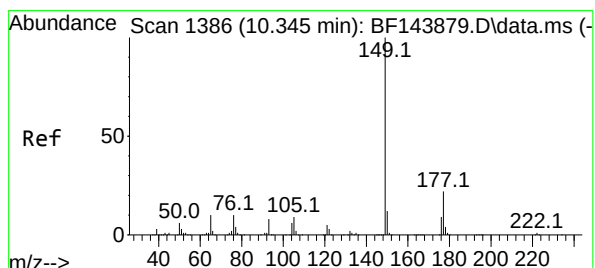
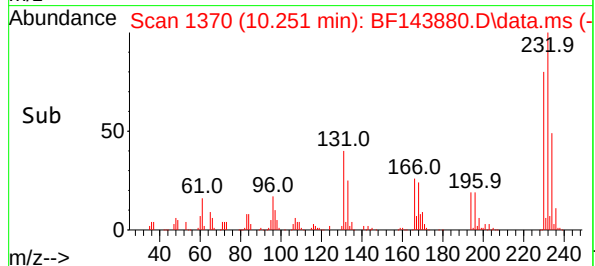
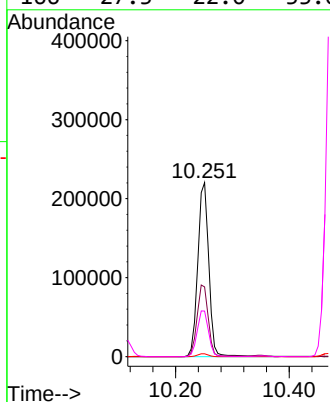
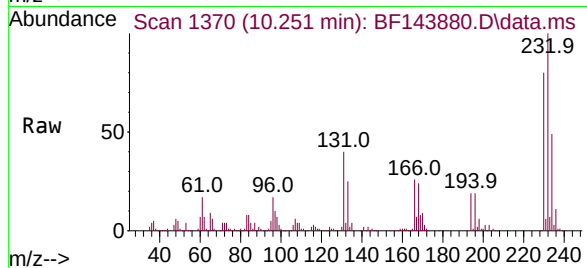
Ion Ratio Lower Upper

232 100

131 41.7 34.9 52.3

130 1.6 1.6 2.4#

166 27.3 22.0 33.0



#60

Diethylphthalate

Concen: 45.330 ng

RT: 10.351 min Scan# 1387

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

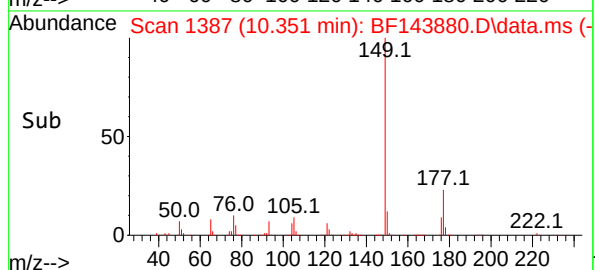
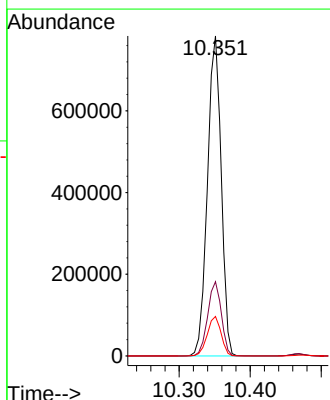
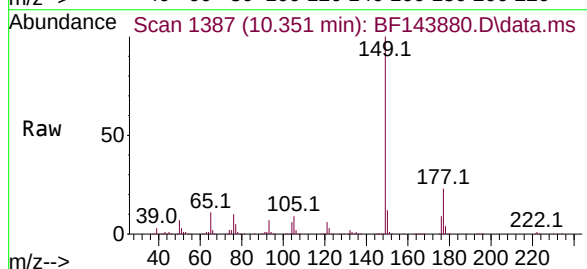
Tgt Ion:149 Resp: 1053032

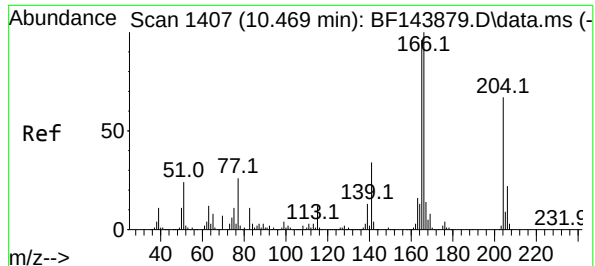
Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

150 12.3 9.8 14.8

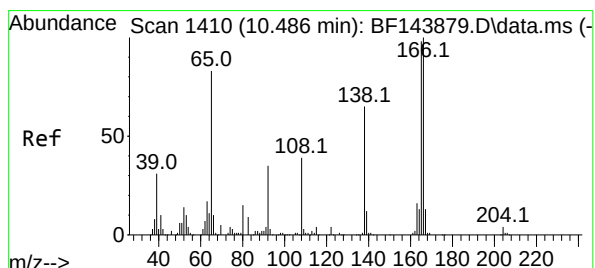
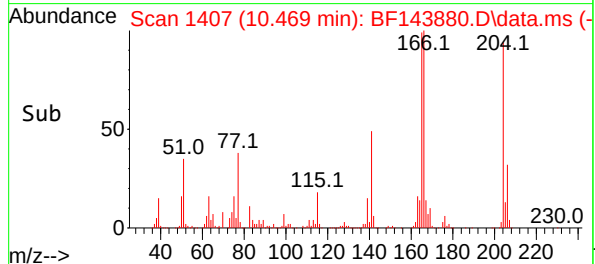
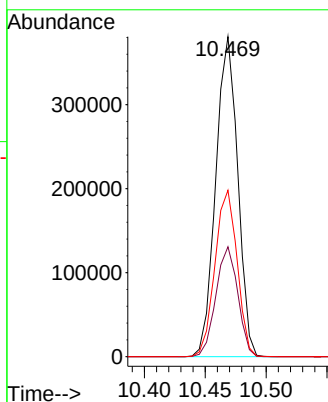
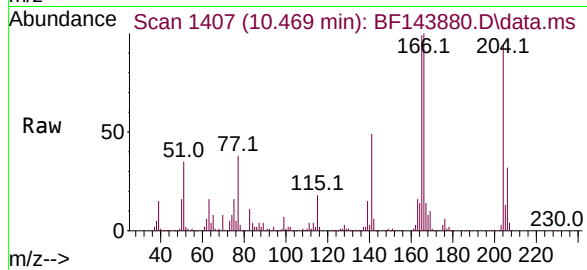




#61
4-Chlorophenyl-phenylether
Concen: 42.311 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

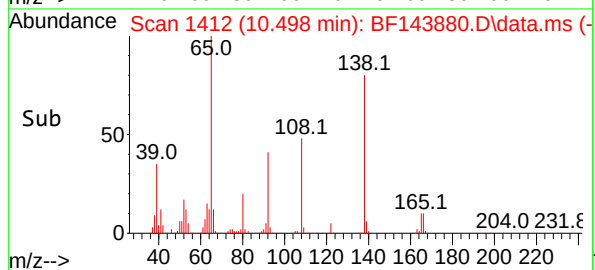
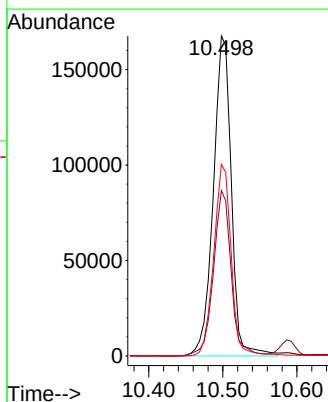
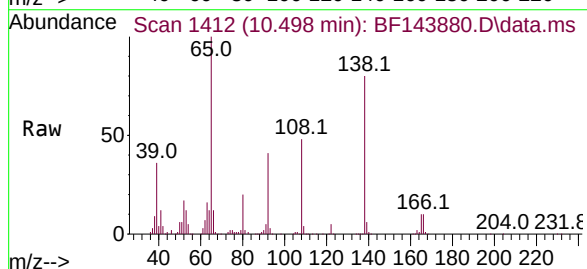
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

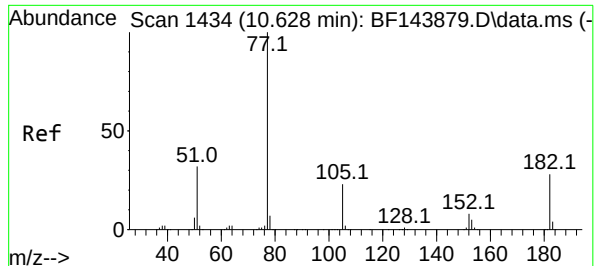
Tgt Ion:204 Resp: 477108
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 52.0 40.4 60.6



#62
4-Nitroaniline
Concen: 51.782 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:138 Resp: 282713
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 59.8 40.2 80.2

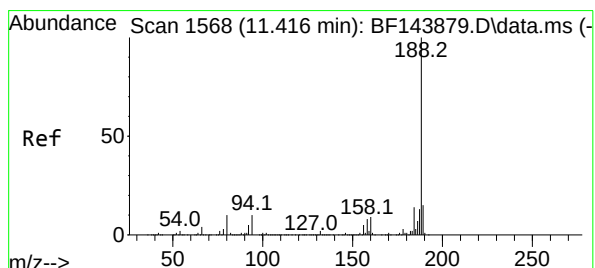
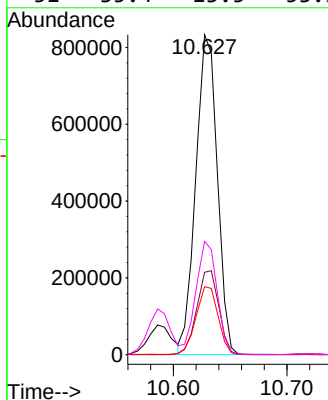
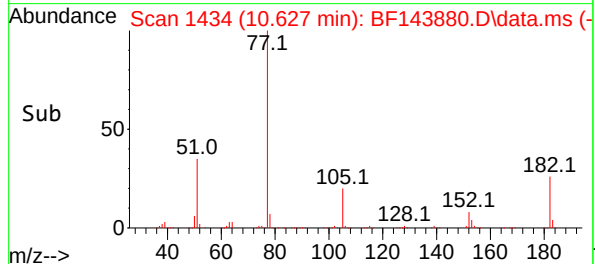
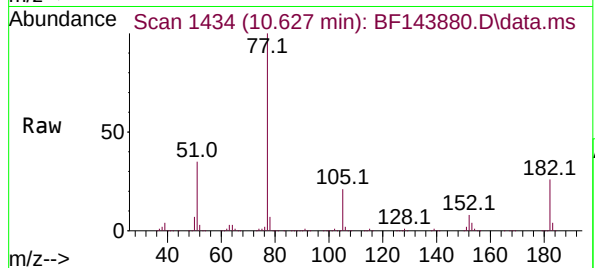




#63
Azobenzene
Concen: 45.178 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

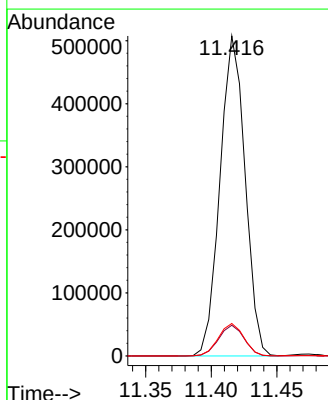
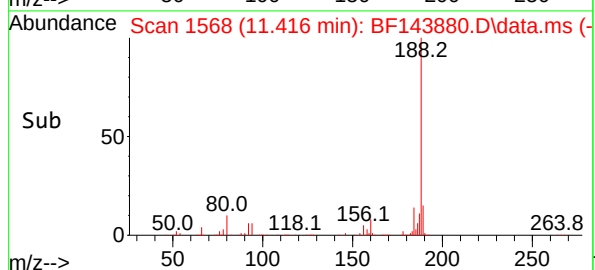
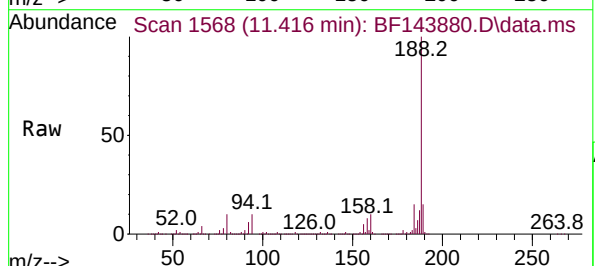
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

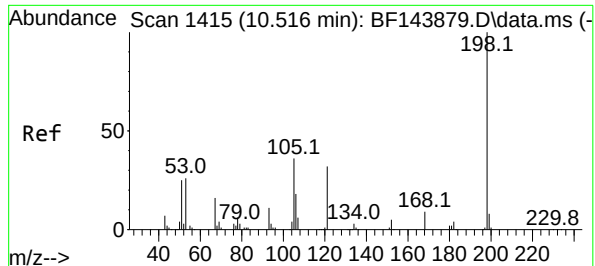
Tgt Ion: 77 Resp: 1096875
Ion Ratio Lower Upper
77 100
182 25.7 7.3 47.3
105 21.2 3.0 43.0
51 35.4 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 188 Resp: 674807
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.1 7.9 11.9

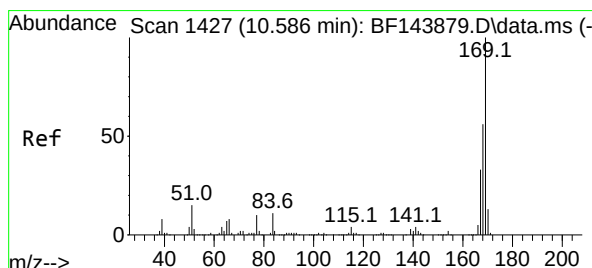
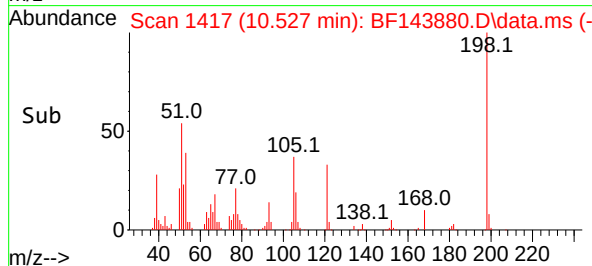
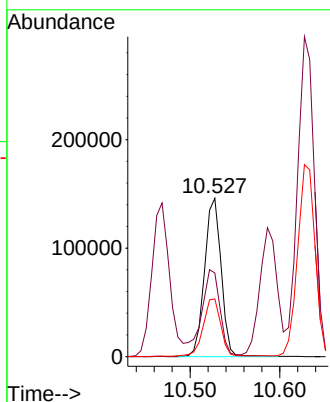
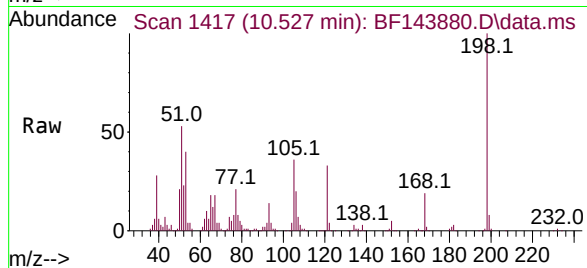




#65
4,6-Dinitro-2-methylphenol
Concen: 55.558 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

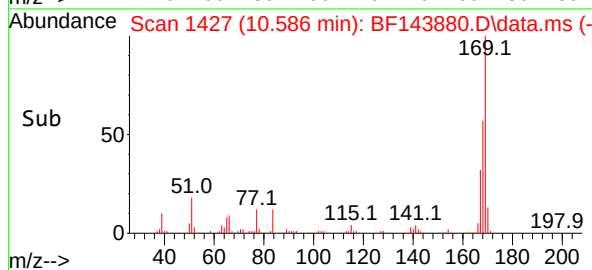
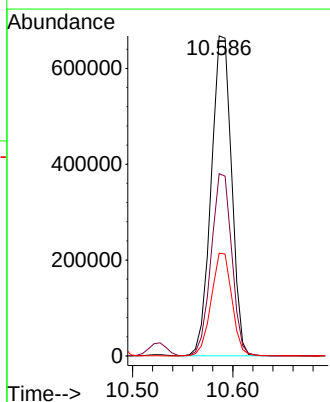
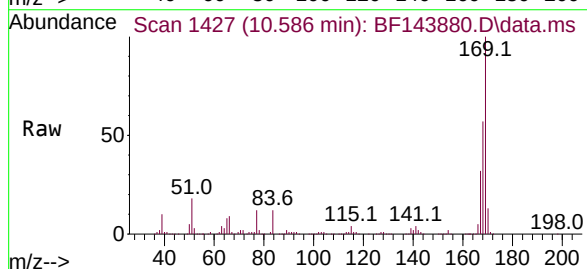
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

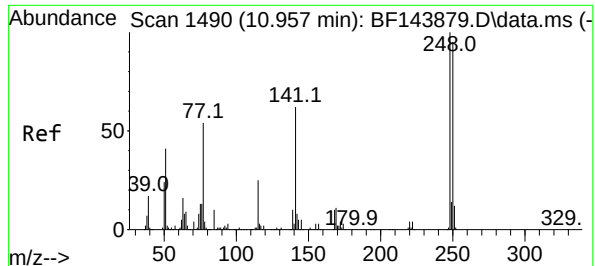
Tgt Ion:198 Resp: 188400
Ion Ratio Lower Upper
198 100
51 52.8 33.8 73.8
105 36.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 44.552 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:169 Resp: 943991
Ion Ratio Lower Upper
169 100
168 56.9 44.9 67.3
167 32.1 26.3 39.5

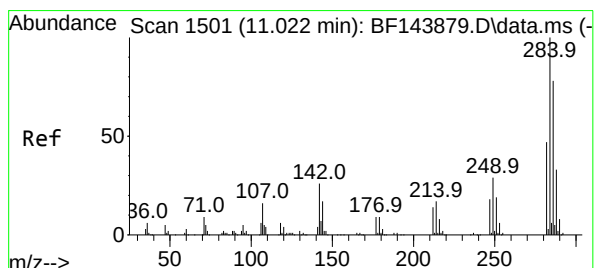
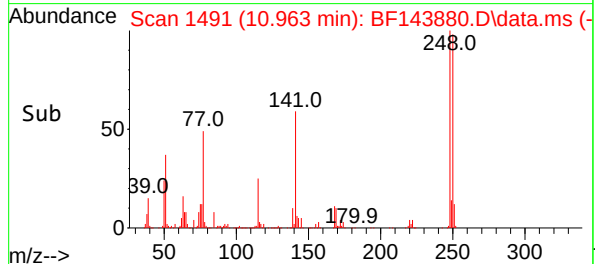
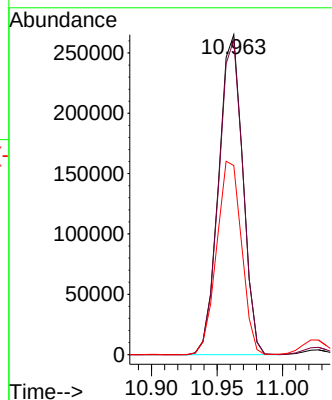
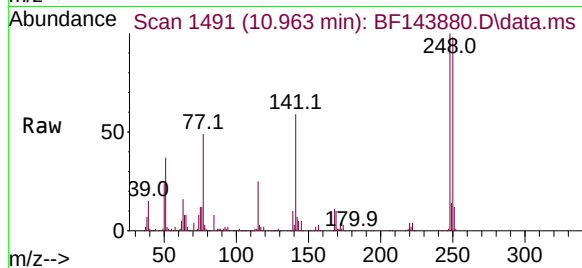




#67
4-Bromophenyl-phenylether
Concen: 45.566 ng
RT: 10.963 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

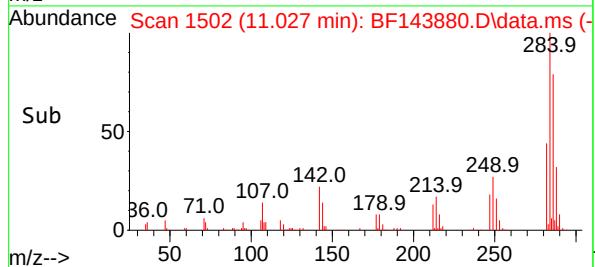
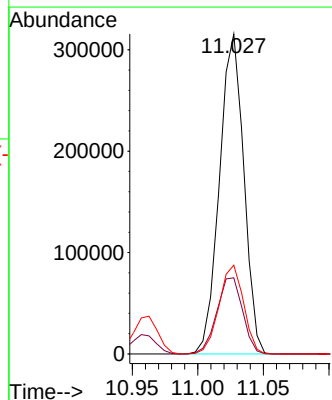
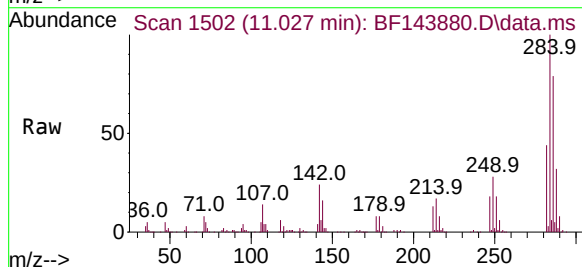
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

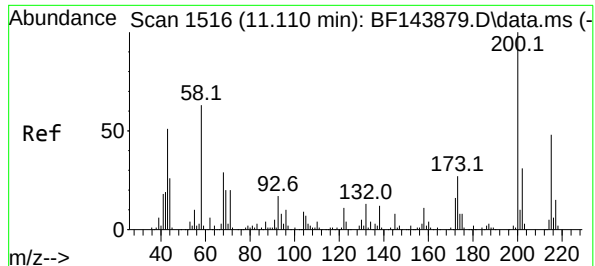
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.3	114.5
141	59.1	49.7	74.5



#68
Hexachlorobenzene
Concen: 47.211 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.8	20.6	30.8
249	27.7	23.2	34.8





#69

Atrazine

Concen: 48.240 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

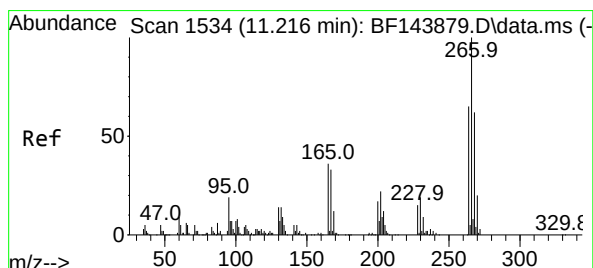
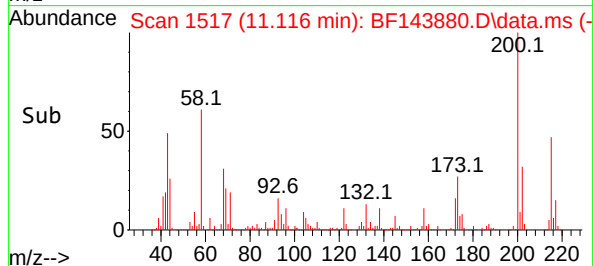
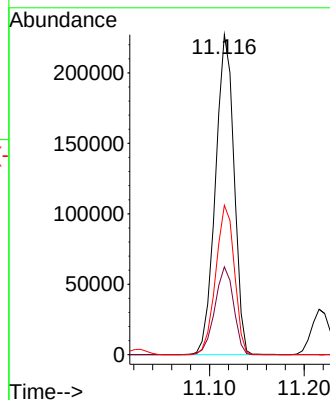
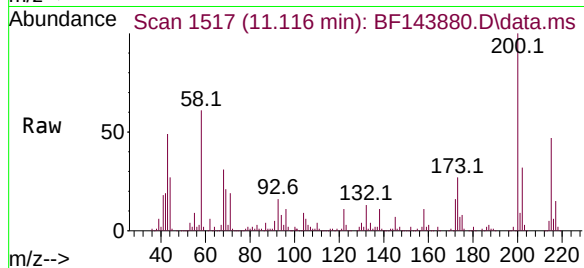
Tgt Ion:200 Resp: 309799

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 52.304 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

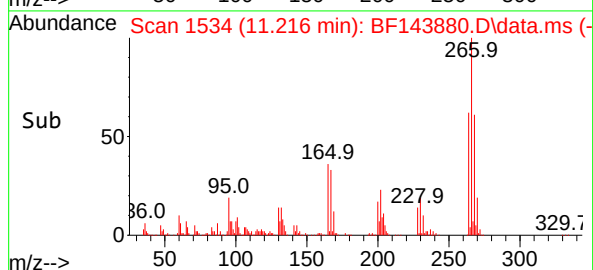
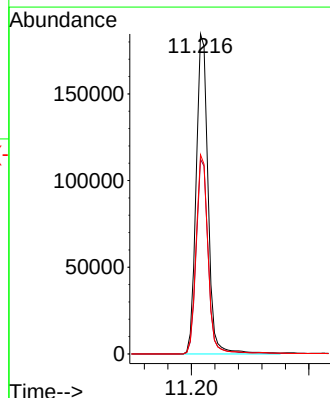
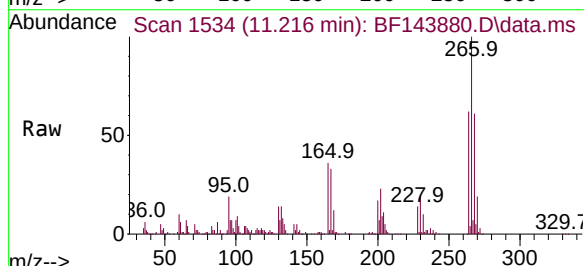
Tgt Ion:266 Resp: 259359

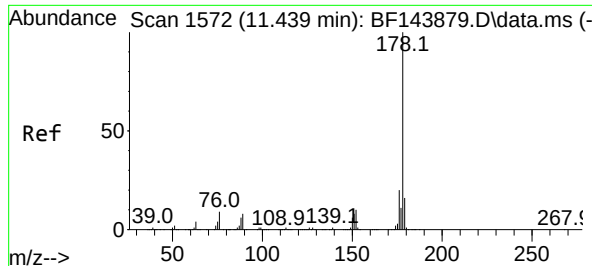
Ion Ratio Lower Upper

266 100

268 60.8 49.4 74.0

264 62.2 51.8 77.6

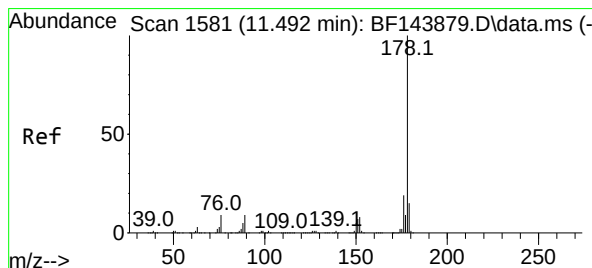
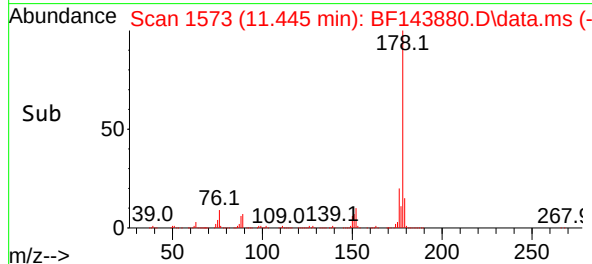
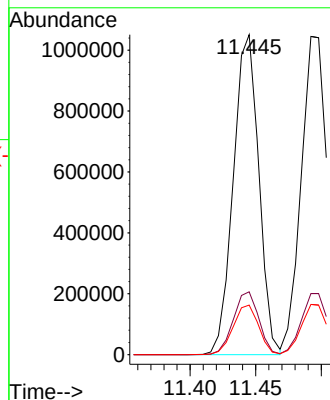
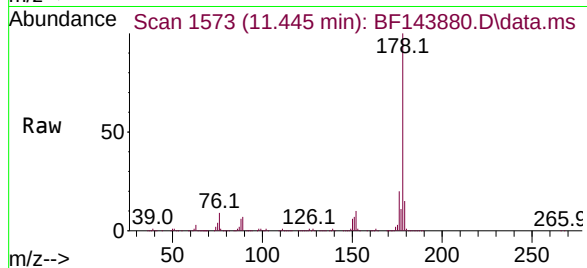




#71
Phenanthrene
Concen: 43.395 ng
RT: 11.445 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

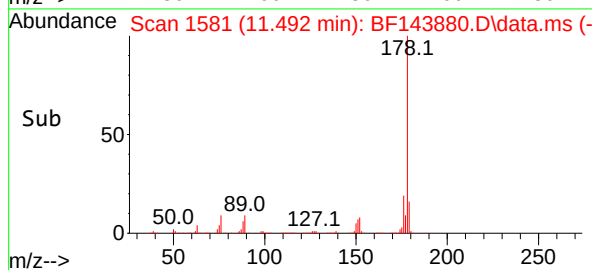
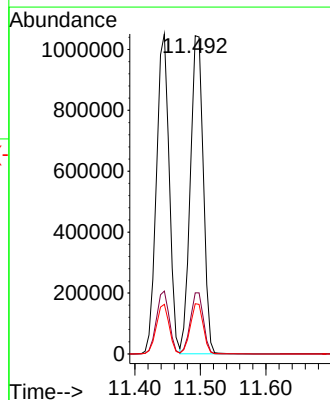
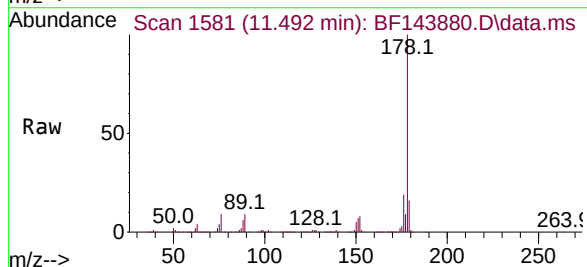
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

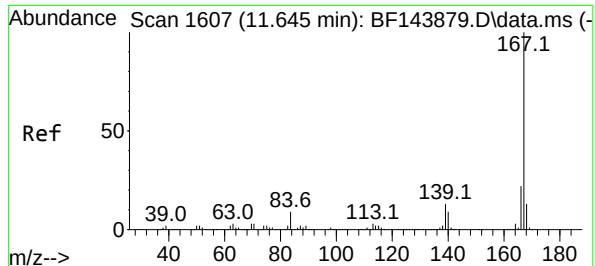
Tgt Ion:178 Resp: 1419666
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.583 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:178 Resp: 1440404
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.8 12.2 18.2

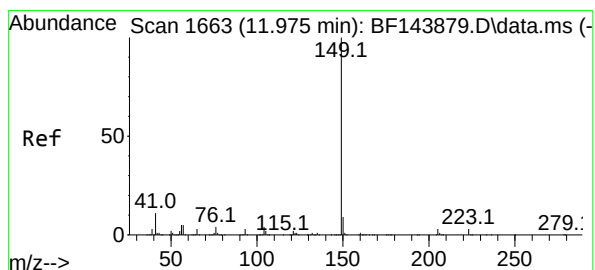
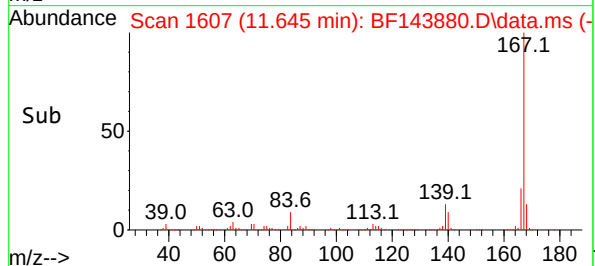
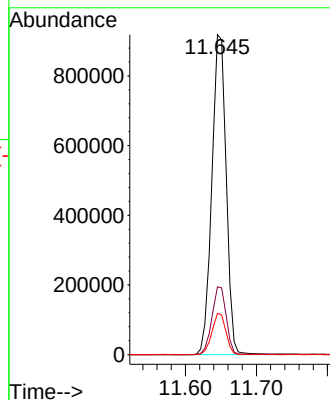
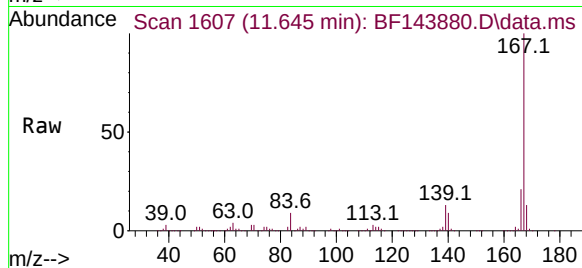




#73
Carbazole
Concen: 44.139 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

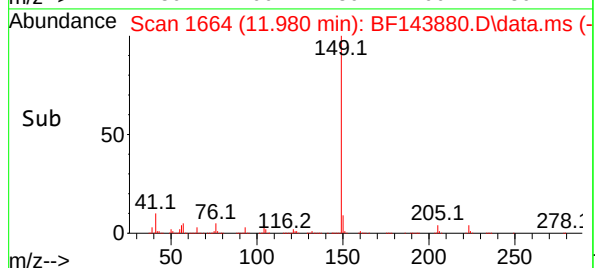
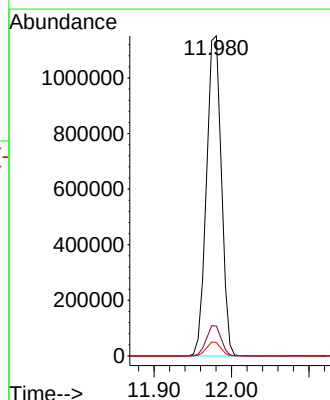
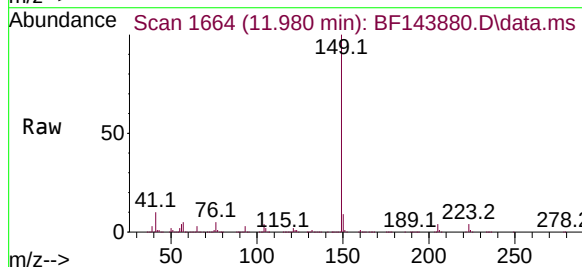
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

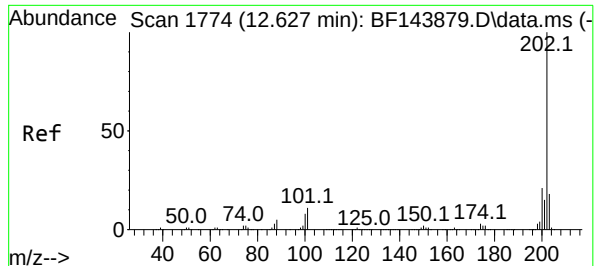
Tgt Ion:167 Resp: 1291982
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.9 10.1 15.1



#74
Di-n-butylphthalate
Concen: 45.246 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1534951
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.2 3.4 5.2





#75

Fluoranthene

Concen: 43.744 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

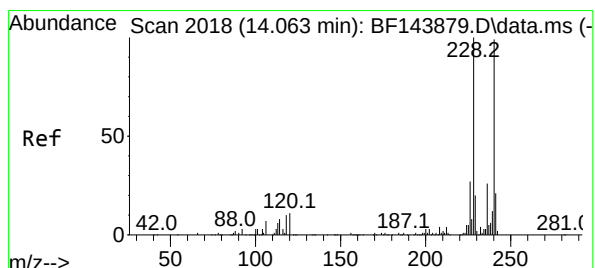
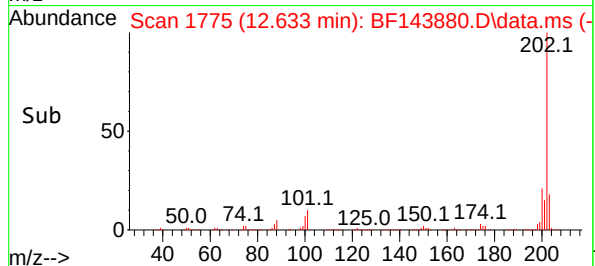
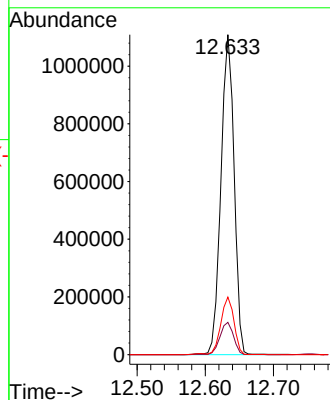
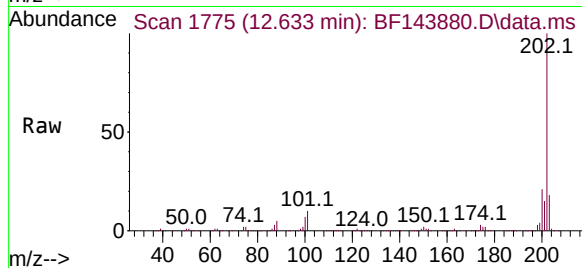
Tgt Ion:202 Resp: 1478181

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

203 18.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

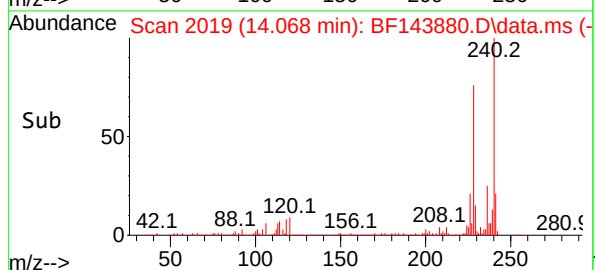
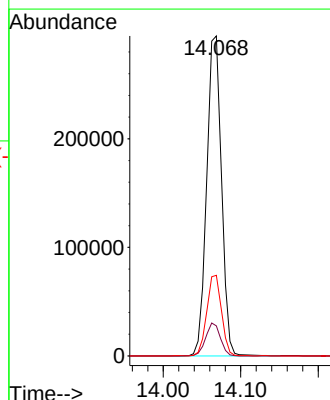
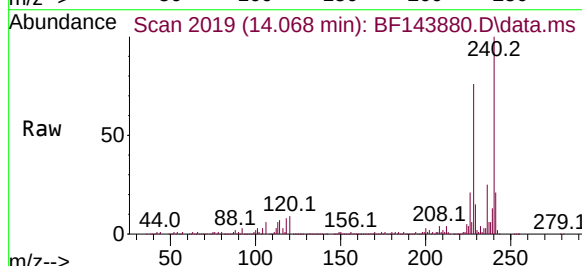
Tgt Ion:240 Resp: 390779

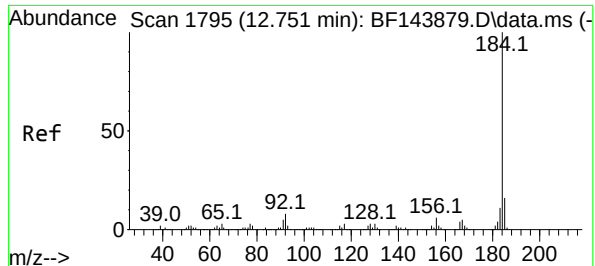
Ion Ratio Lower Upper

240 100

120 9.4 8.6 13.0

236 25.2 21.1 31.7





#77

Benzidine

Concen: 46.882 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

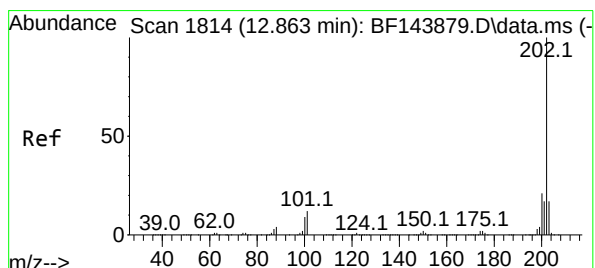
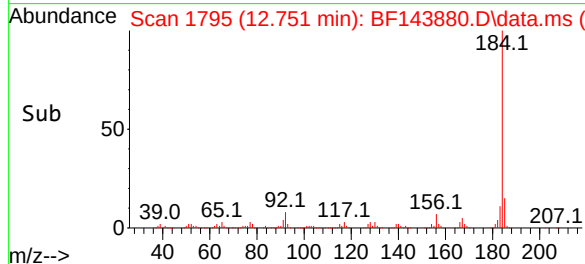
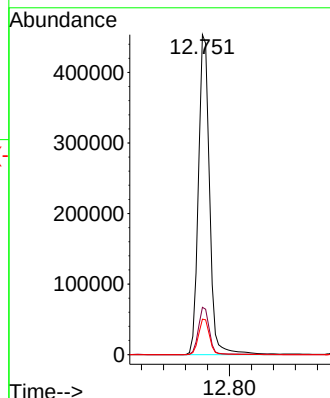
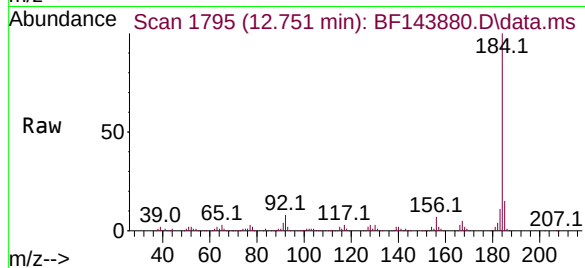
Tgt Ion:184 Resp: 636126

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 46.206 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

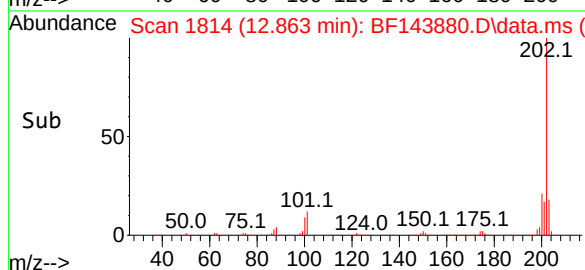
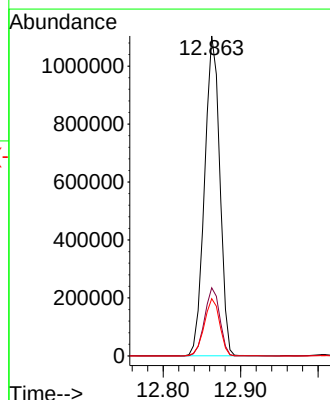
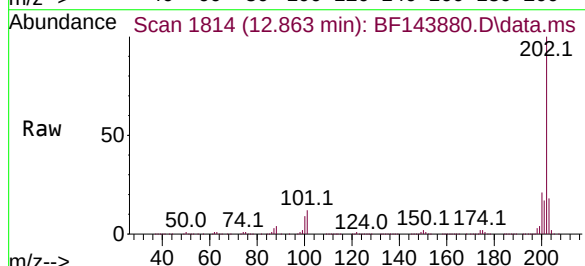
Tgt Ion:202 Resp: 1505326

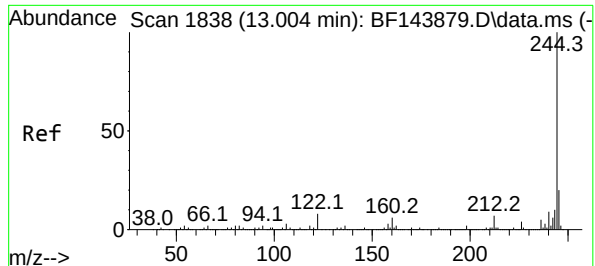
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 91.121 ng

RT: 13.010 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

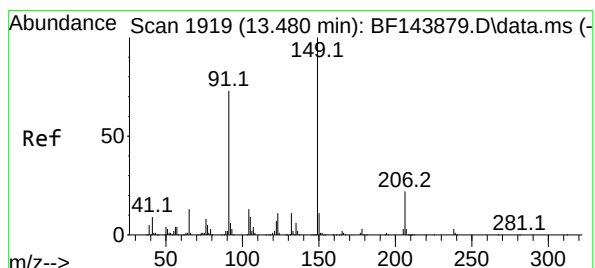
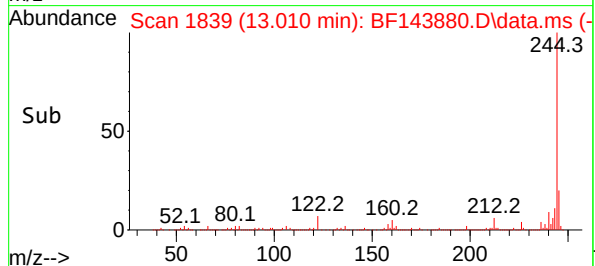
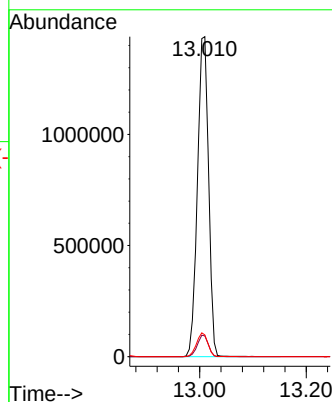
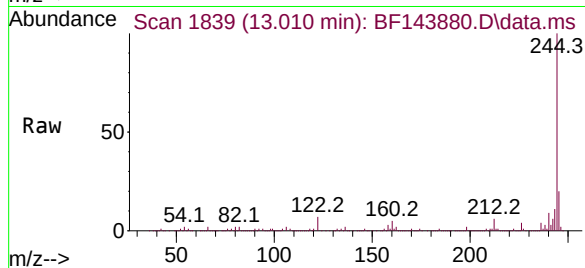
Tgt Ion:244 Resp: 2083463

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 6.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 50.352 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

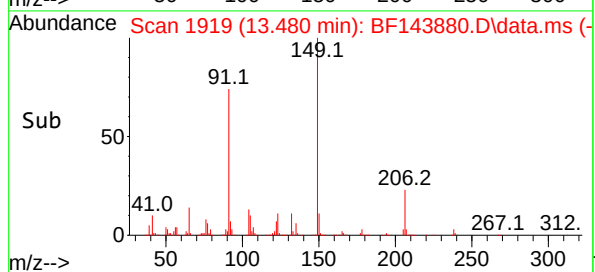
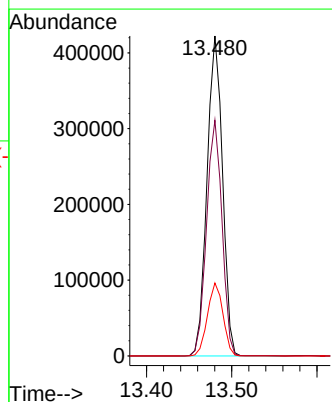
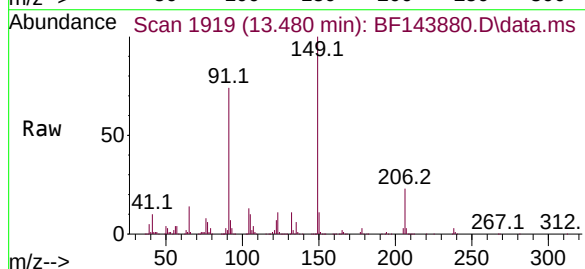
Tgt Ion:149 Resp: 532754

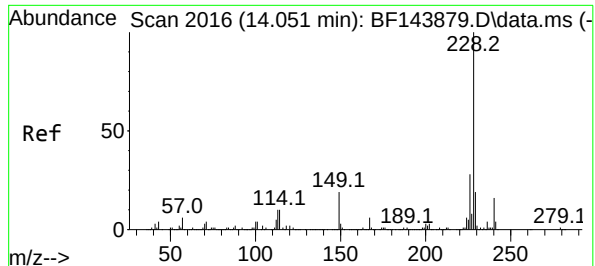
Ion Ratio Lower Upper

149 100

91 73.6 58.2 87.2

206 22.8 17.9 26.9





#81

Benzo(a)anthracene

Concen: 47.075 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

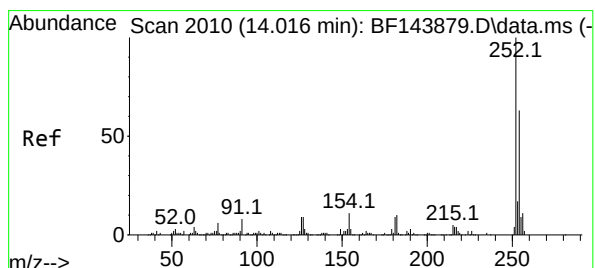
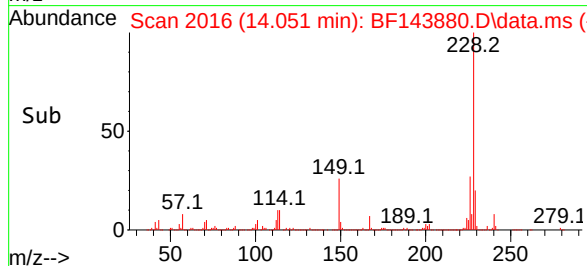
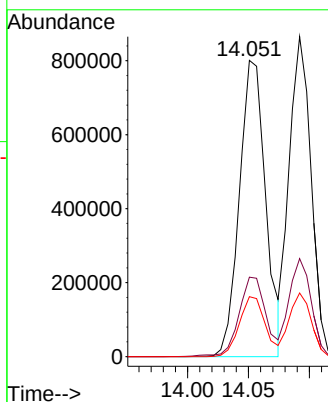
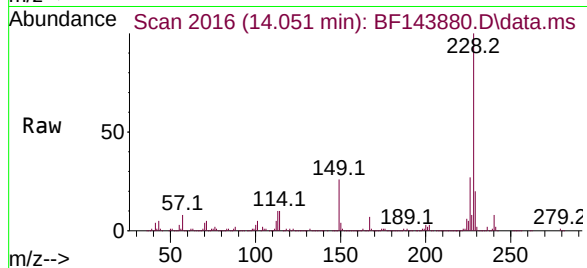
Tgt Ion:228 Resp: 1203843

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

229 20.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 50.214 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

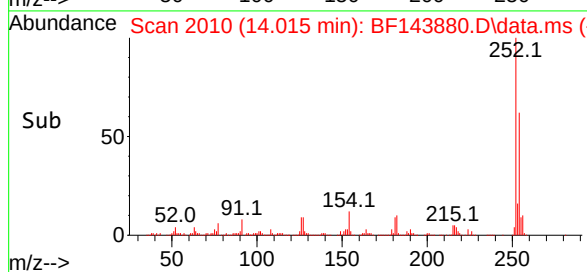
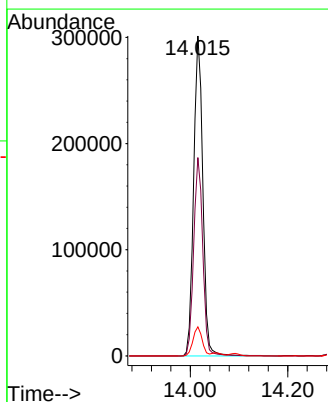
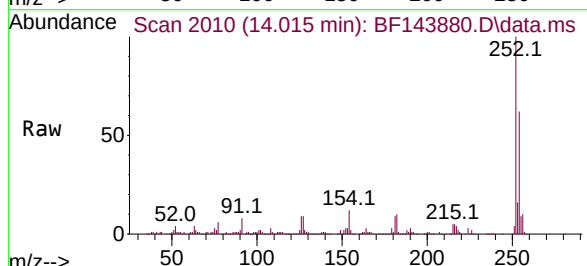
Tgt Ion:252 Resp: 391334

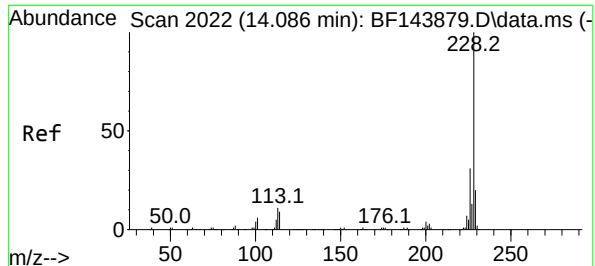
Ion Ratio Lower Upper

252 100

254 62.0 50.6 76.0

126 9.1 7.0 10.6





#83

Chrysene

Concen: 46.065 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

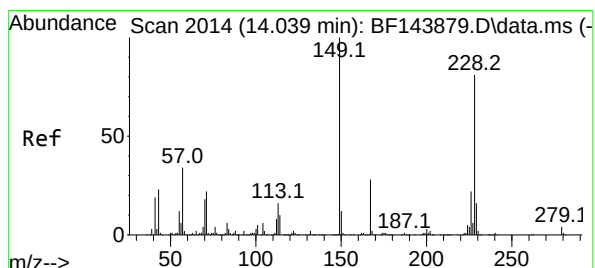
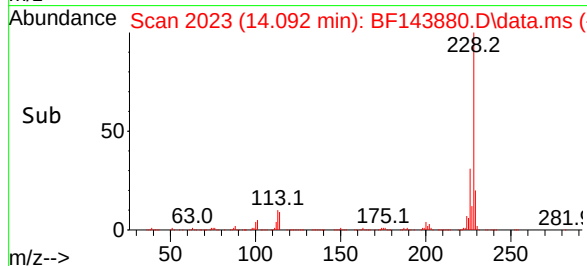
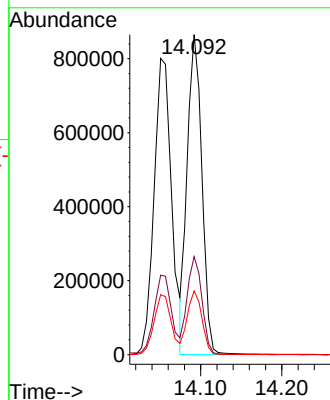
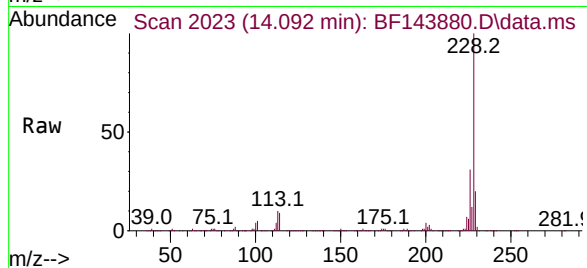
Tgt Ion:228 Resp: 1090275

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.146 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

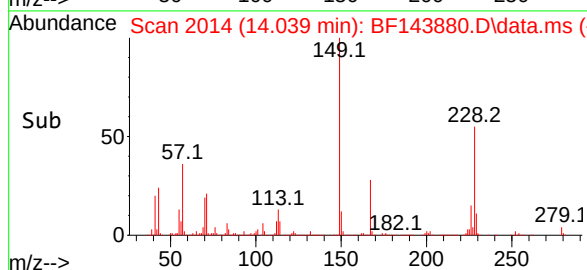
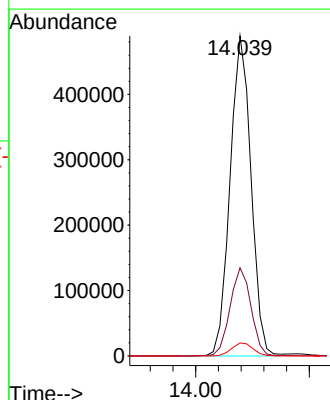
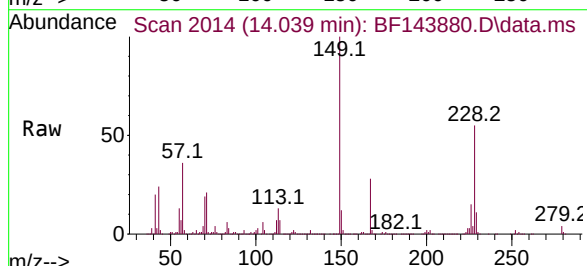
Tgt Ion:149 Resp: 626818

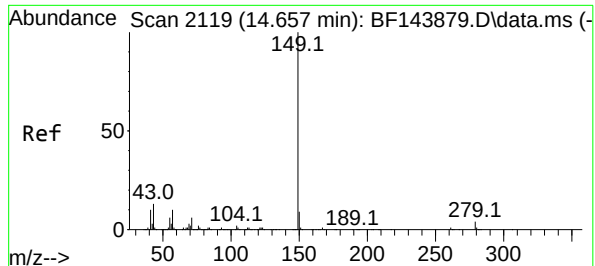
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 4.0 3.1 4.7

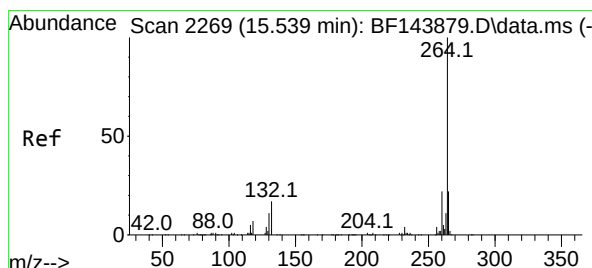
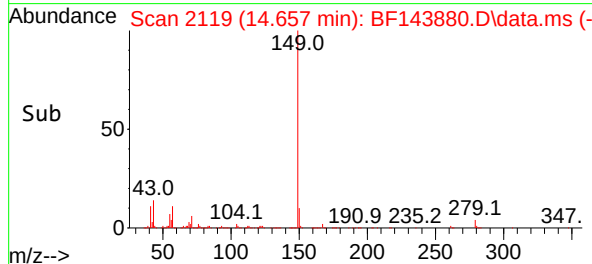
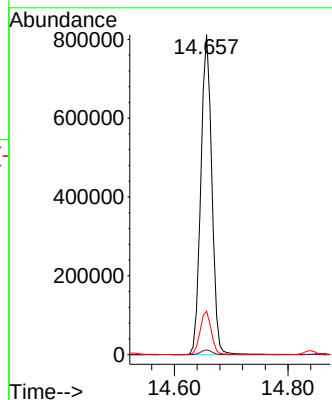
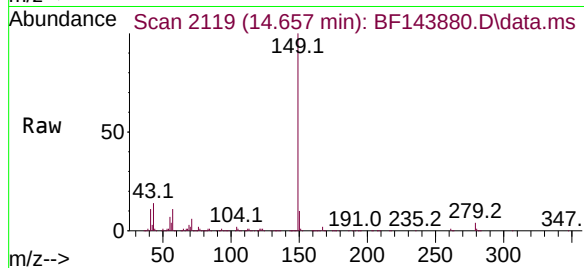




#85
Di-n-octyl phthalate
Concen: 51.691 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

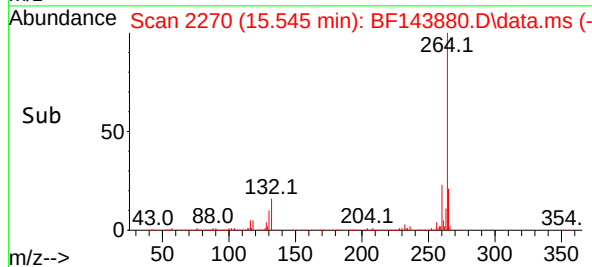
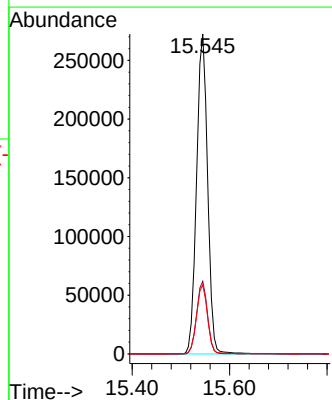
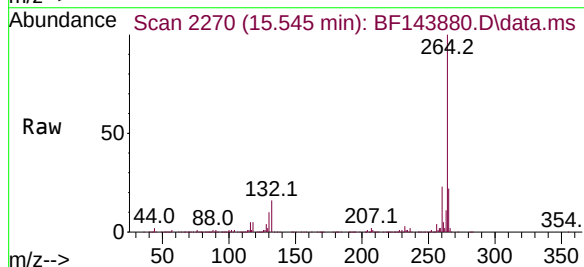
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

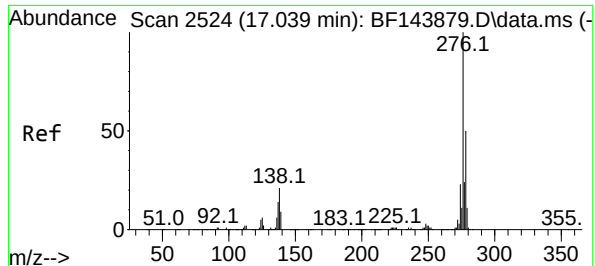
Tgt Ion:149 Resp: 1082833
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.9 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:264 Resp: 426414
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.8
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.373 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

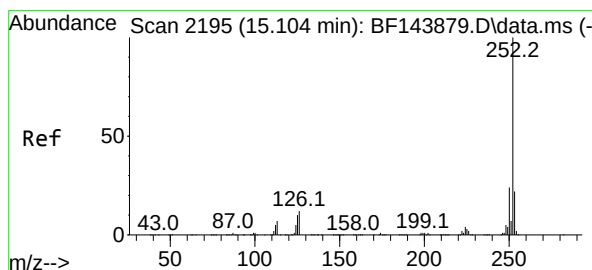
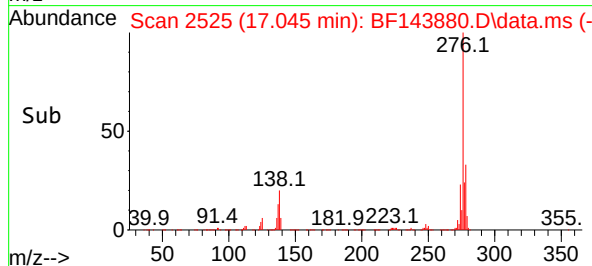
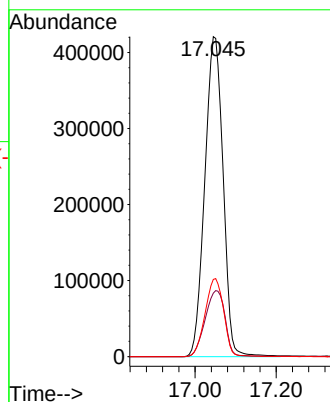
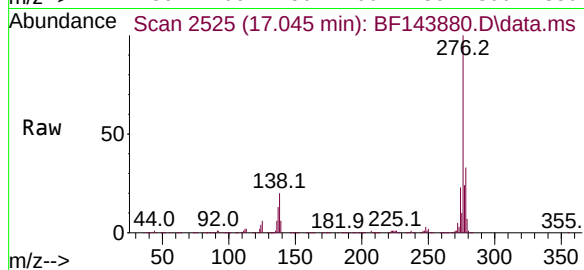
Tgt Ion:276 Resp: 1316167

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.652 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

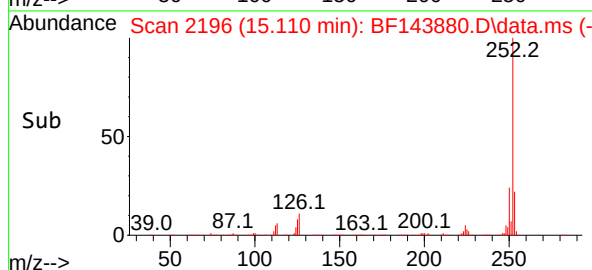
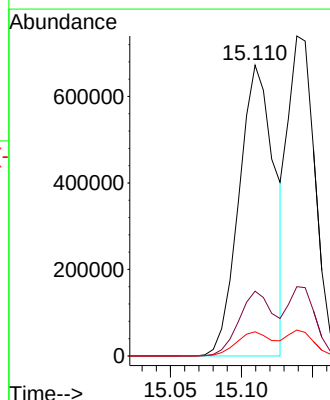
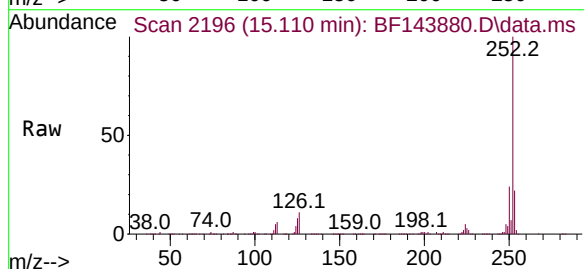
Tgt Ion:252 Resp: 1167220

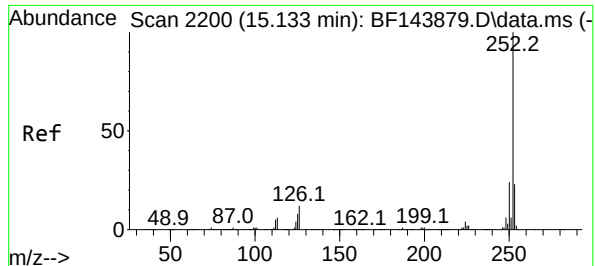
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.392 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

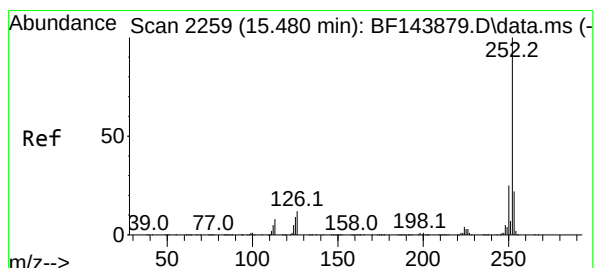
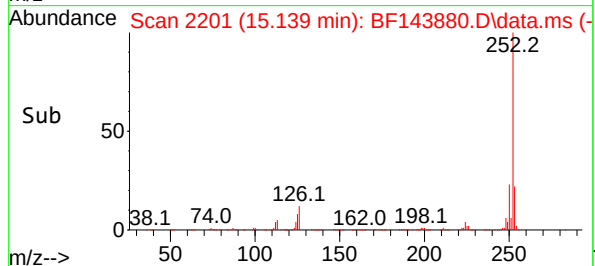
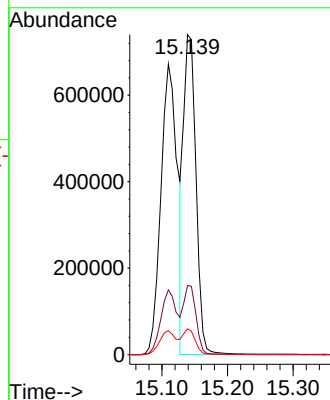
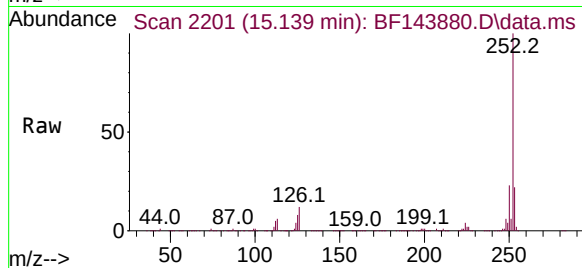
Tgt Ion:252 Resp: 983488

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.960 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

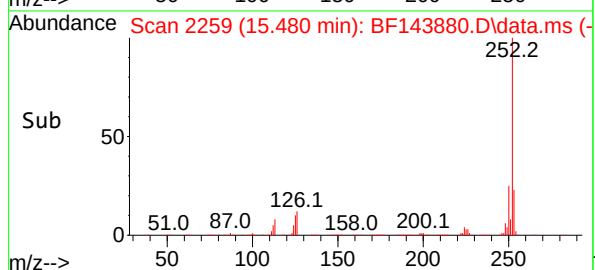
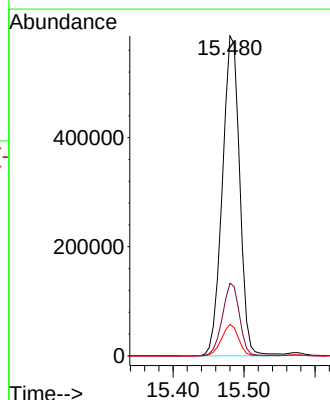
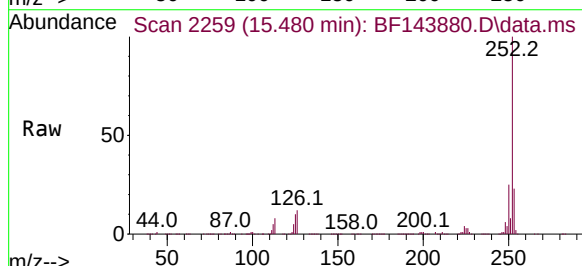
Tgt Ion:252 Resp: 997382

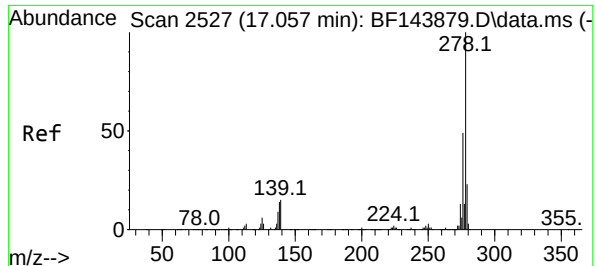
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.8 7.0 10.4

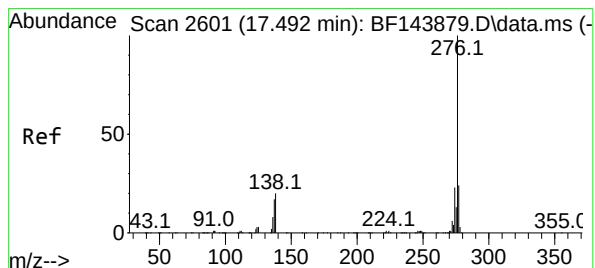
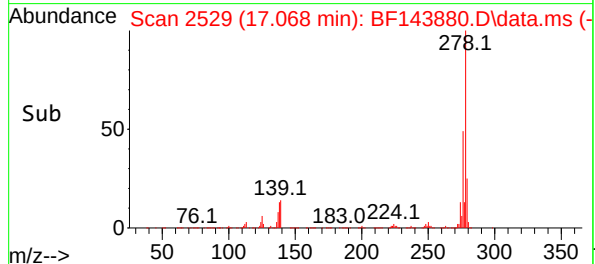
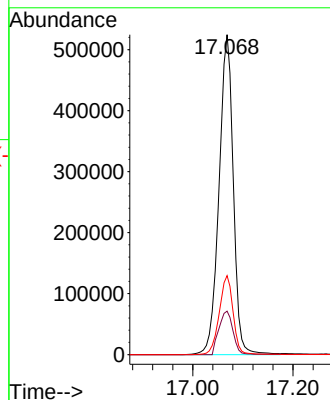
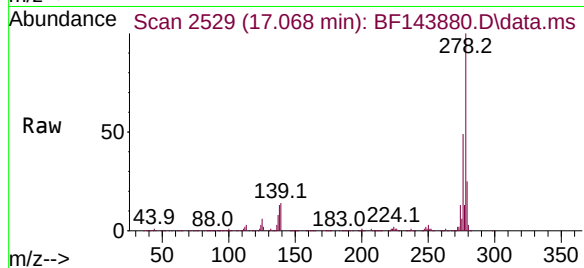




#91
Dibenzo(a,h)anthracene
Concen: 49.457 ng
RT: 17.068 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

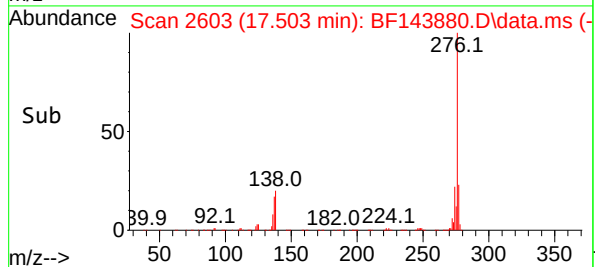
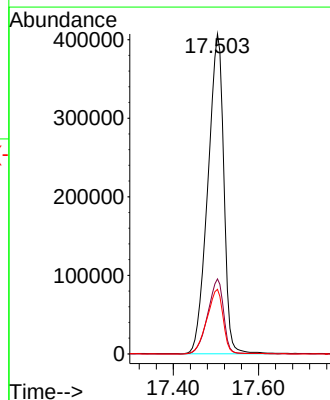
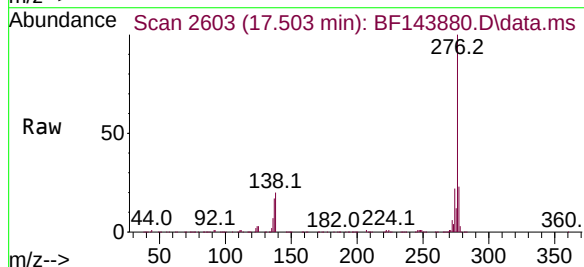
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1039281
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 24.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 50.253 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:276 Resp: 1056021
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143881.D
 Acq On : 06 Oct 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524164	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	286024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	485489	20.000	ng	0.00
76) Chrysene-d12	14.063	240	287097	20.000	ng	0.00
86) Perylene-d12	15.539	264	309882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	961239	112.181	ng	0.00
7) Phenol-d6	6.510	99	1132663	110.899	ng	0.00
23) Nitrobenzene-d5	7.451	82	1021762	118.430	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	343442	120.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1764203	97.871	ng	0.00
79) Terphenyl-d14	13.004	244	1861234	110.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	235125	59.298	ng	98
3) Pyridine	3.410	79	685786	59.411	ng	99
4) n-Nitrosodimethylamine	3.369	42	371223	61.134	ng	96
6) Aniline	6.551	93	870980	56.909	ng	100
8) 2-Chlorophenol	6.669	128	482622	57.621	ng	98
9) Benzaldehyde	6.440	77	567228	71.995	ng	99
10) Phenol	6.528	94	710019	58.149	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	531386	56.337	ng	98
12) 1,3-Dichlorobenzene	6.828	146	541823	54.041	ng	99
13) 1,4-Dichlorobenzene	6.904	146	547027	55.312	ng	100
14) 1,2-Dichlorobenzene	7.051	146	525807	55.507	ng	99
15) Benzyl Alcohol	7.028	79	450578	58.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1202366	56.002	ng	100
17) 2-Methylphenol	7.134	107	402660	58.170	ng	97
18) Hexachloroethane	7.398	117	189228	57.373	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	383071	54.794	ng	99
20) 3+4-Methylphenols	7.287	107	435782	54.319	ng	94
22) Acetophenone	7.298	105	589502	53.189	ng	98
24) Nitrobenzene	7.469	77	574563	59.969	ng	99
25) Isophorone	7.710	82	1042198	57.290	ng	99
26) 2-Nitrophenol	7.781	139	272450	66.327	ng	99
27) 2,4-Dimethylphenol	7.816	122	437344	59.187	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	631066	54.917	ng	99
29) 2,4-Dichlorophenol	8.022	162	442749	57.524	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	428102	56.555	ng	98
31) Naphthalene	8.192	128	1284573	53.874	ng	100
32) Benzoic acid	7.940	122	348955	68.237	ng	97
33) 4-Chloroaniline	8.239	127	504823	56.451	ng	99
34) Hexachlorobutadiene	8.304	225	294507	55.989	ng	98
35) Caprolactam	8.622	113	146970	60.055	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	423904	57.336	ng	99
37) 2-Methylnaphthalene	8.881	142	838837	52.814	ng	100
38) 1-Methylnaphthalene	8.981	142	822755	53.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	445714	56.382	ng	98
41) Hexachlorocyclopentadiene	9.034	237	205978	62.806	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	338809	58.657	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143881.D
 Acq On : 06 Oct 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

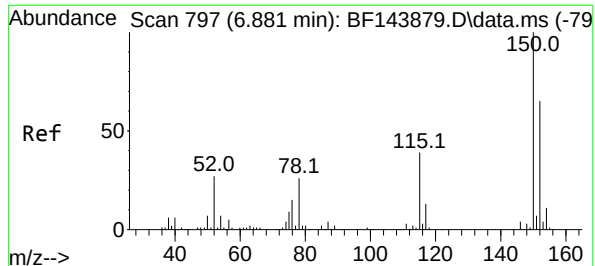
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	345605	56.620	ng	98
46) 1,1'-Biphenyl	9.345	154	1004440	53.040	ng	99
47) 2-Chloronaphthalene	9.375	162	860999	54.531	ng	98
48) 2-Nitroaniline	9.463	65	312884	62.679	ng	99
49) Acenaphthylene	9.786	152	1223951	55.140	ng	99
50) Dimethylphthalate	9.645	163	1031391	56.783	ng	100
51) 2,6-Dinitrotoluene	9.710	165	214169	63.587	ng	99
52) Acenaphthene	9.963	154	801773	55.124	ng	99
53) 3-Nitroaniline	9.881	138	255984	62.070	ng	96
54) 2,4-Dinitrophenol	9.981	184	123295	61.138	ng	95
55) Dibenzofuran	10.133	168	1111183	54.120	ng	99
56) 4-Nitrophenol	10.034	139	195321	62.550	ng	92
57) 2,4-Dinitrotoluene	10.110	165	297018	64.812	ng	97
58) Fluorene	10.475	166	791518	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264796	61.283	ng	# 97
60) Diethylphthalate	10.351	149	948580	56.214	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	433339	52.905	ng	97
62) 4-Nitroaniline	10.498	138	247024	62.288	ng	98
63) Azobenzene	10.628	77	992054	56.252	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	166740	68.344	ng	99
66) n-Nitrosodiphenylamine	10.586	169	850570	55.797	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	302165	56.317	ng	98
68) Hexachlorobenzene	11.028	284	356406	57.378	ng	97
69) Atrazine	11.116	200	257412	55.713	ng	98
70) Pentachlorophenol	11.216	266	224011	62.792	ng	99
71) Phenanthrene	11.439	178	1270063	53.961	ng	99
72) Anthracene	11.492	178	1282940	53.956	ng	99
73) Carbazole	11.645	167	1170717	55.592	ng	99
74) Di-n-butylphthalate	11.975	149	1389569	56.934	ng	100
75) Fluoranthene	12.633	202	1325716	54.530	ng	99
77) Benzidine	12.751	184	551394	55.312	ng	98
78) Pyrene	12.863	202	1359513	56.800	ng	99
80) Butylbenzylphthalate	13.480	149	476448	61.293	ng	98
81) Benzo(a)anthracene	14.051	228	1111626	59.168	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	347863	60.756	ng	99
83) Chrysene	14.092	228	969765	55.770	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	579121	61.804	ng	99
85) Di-n-octyl phthalate	14.657	149	991597	64.431	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1173726	61.815	ng	100
88) Benzo(b)fluoranthene	15.110	252	1117484	62.778	ng	99
89) Benzo(k)fluoranthene	15.139	252	855988	51.969	ng	99
90) Benzo(a)pyrene	15.480	252	901585	58.412	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	935987	61.291	ng	98
92) Benzo(g,h,i)perylene	17.504	276	946452	61.976	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

- 1
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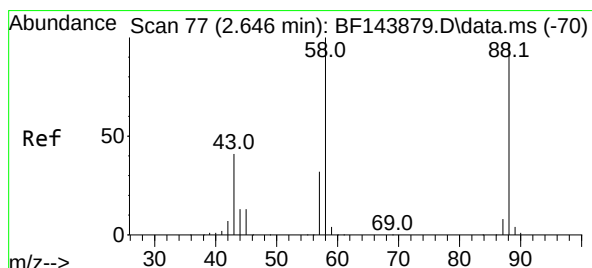
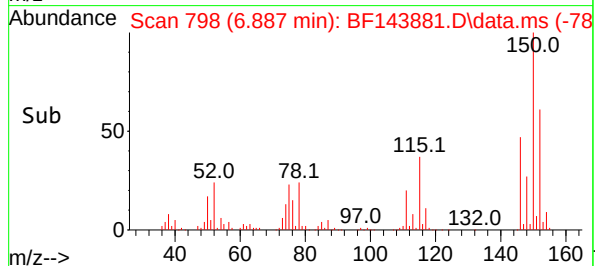
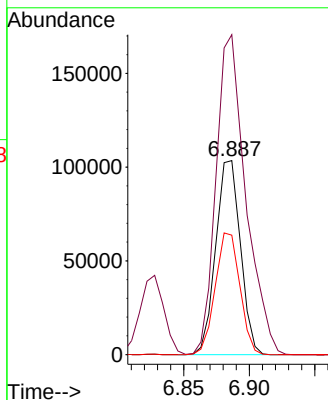
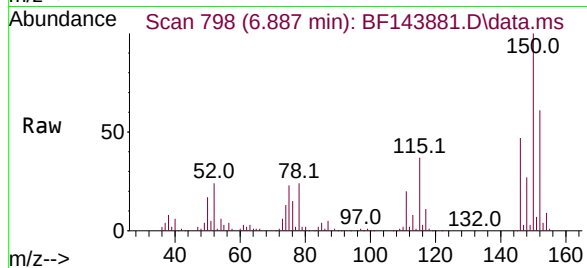




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

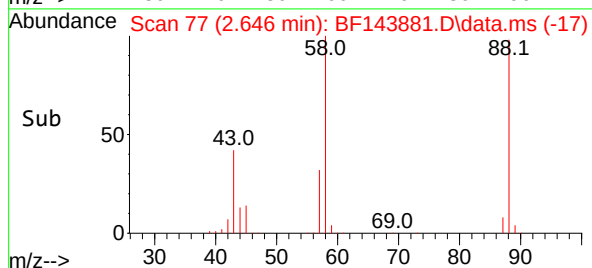
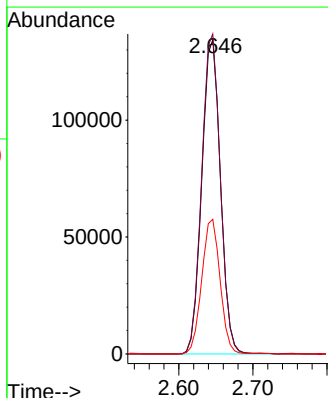
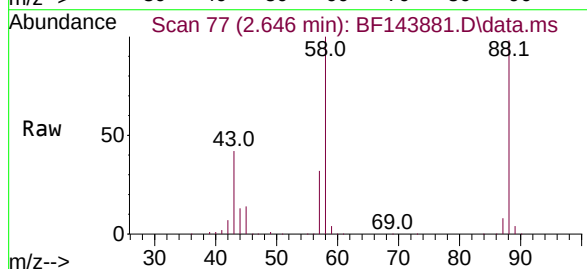
Instrument :
BNA_F
Client Sample Id :
SSTDICC060

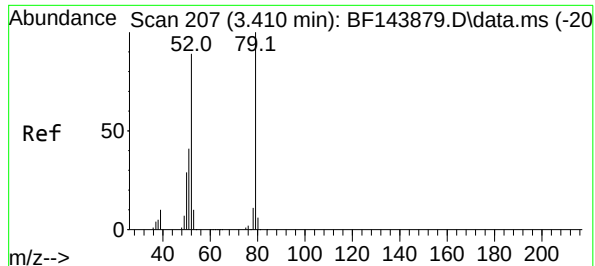
Tgt Ion: 152 Resp: 136069
Ion Ratio Lower Upper
152 100
150 165.0 124.4 186.6
115 61.6 48.1 72.1



#2
1,4-Dioxane
Concen: 59.298 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 88 Resp: 235125
Ion Ratio Lower Upper
88 100
58 101.8 83.0 124.6
43 42.1 33.9 50.9





#3

Pyridine

Concen: 59.411 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

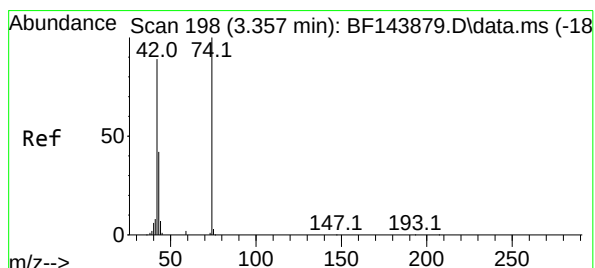
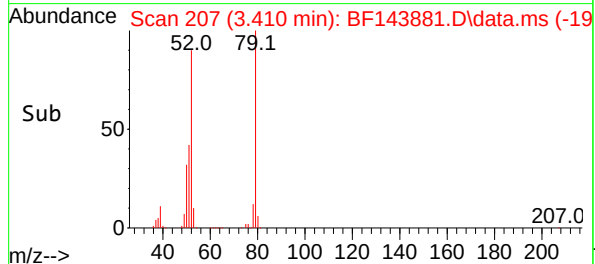
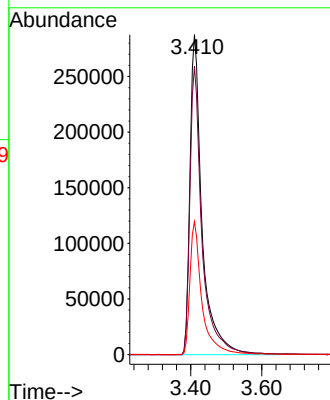
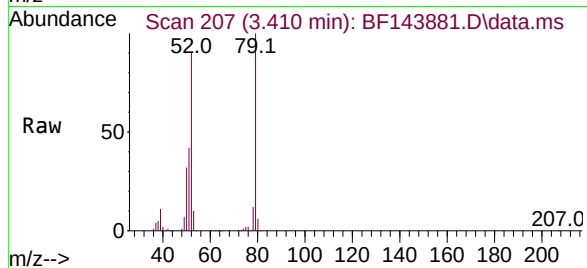
Tgt Ion: 79 Resp: 685786

Ion Ratio Lower Upper

79 100

52 90.0 71.5 107.3

51 41.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 61.134 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.017 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

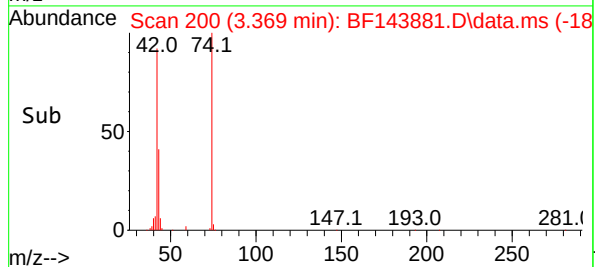
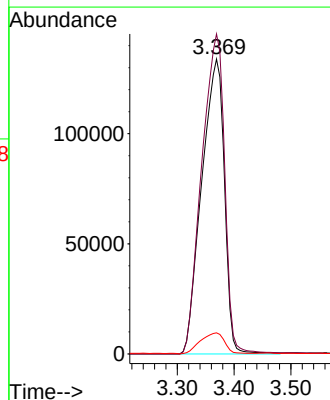
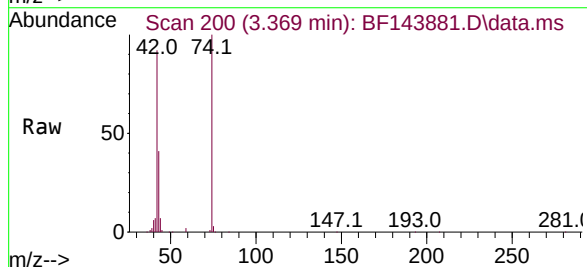
Tgt Ion: 42 Resp: 371223

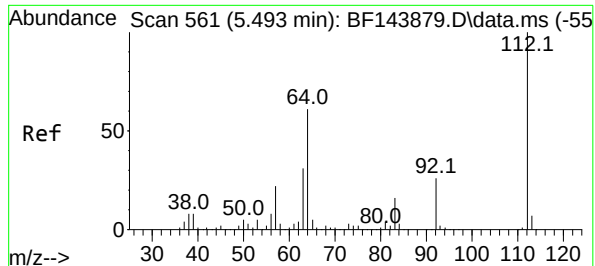
Ion Ratio Lower Upper

42 100

74 108.6 90.0 135.0

44 7.1 6.2 9.2

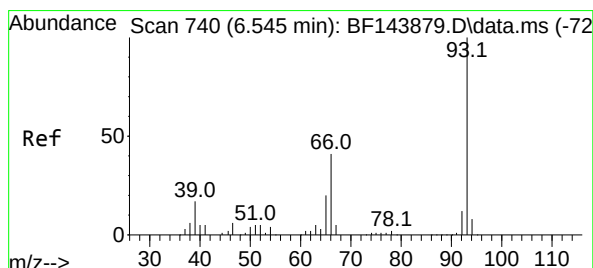
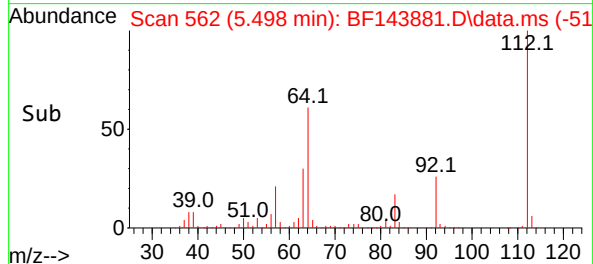
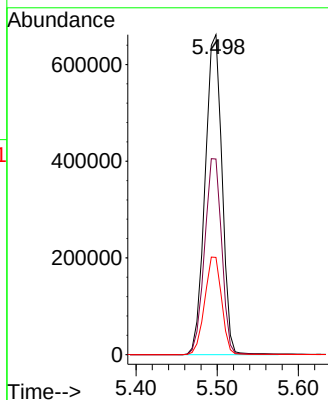
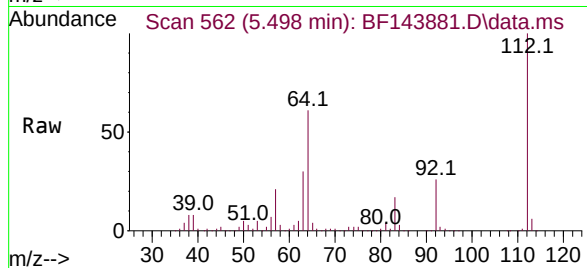




#5
2-Fluorophenol
Concen: 112.181 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

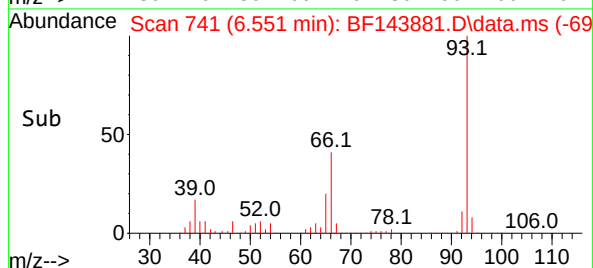
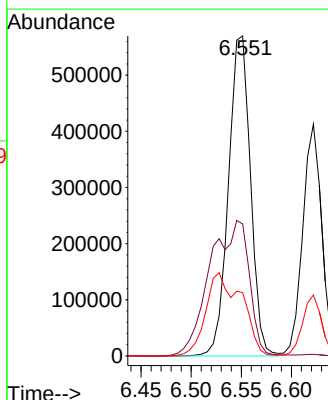
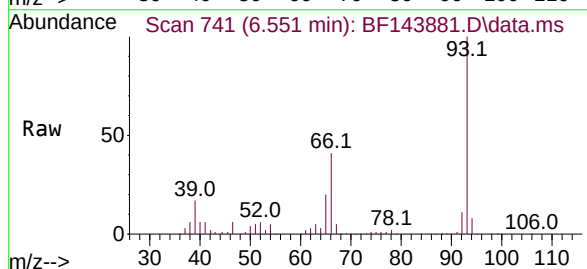
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

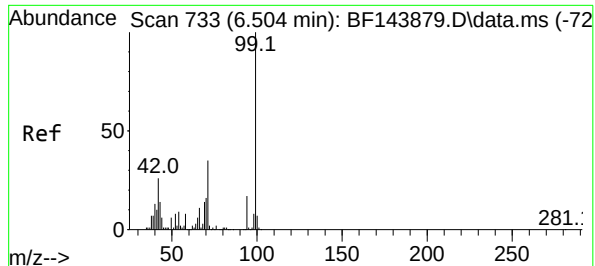
Tgt Ion:112 Resp: 961239
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 30.4 24.5 36.7



#6
Aniline
Concen: 56.909 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 870980
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.6
65 19.8 15.8 23.8

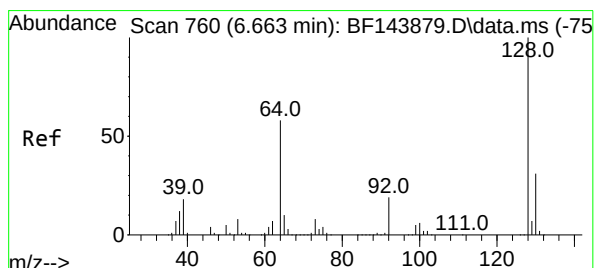
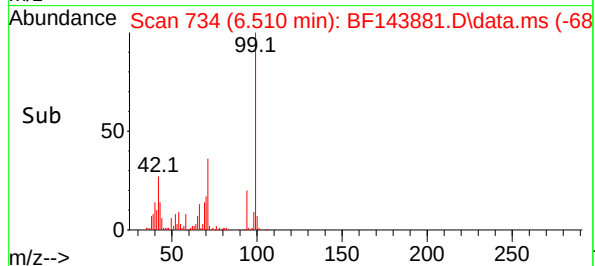
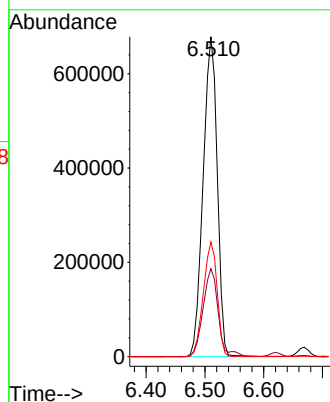
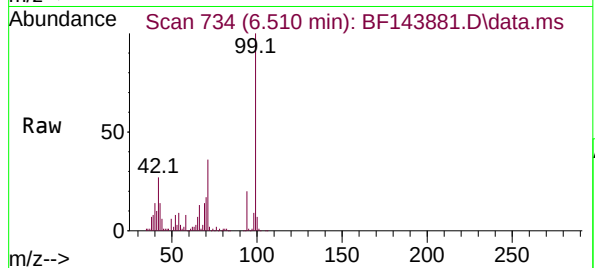




#7
Phenol-d6
Concen: 110.899 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

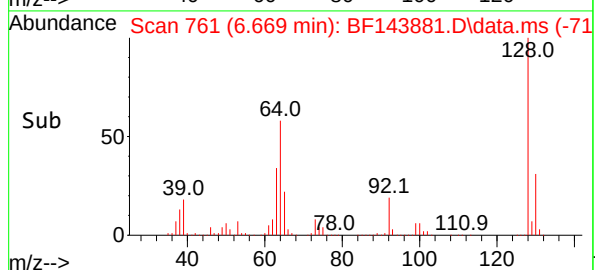
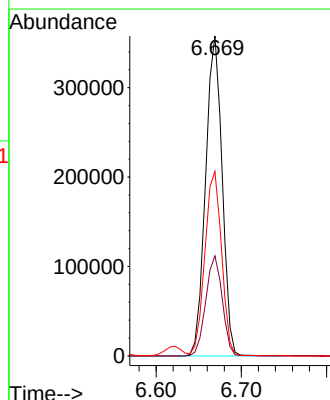
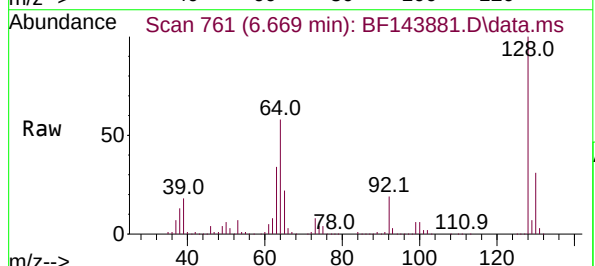
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

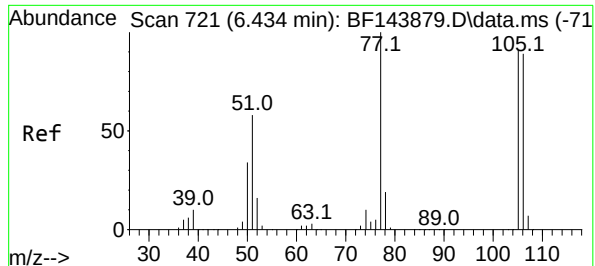
Tgt Ion: 99 Resp: 1132663
Ion Ratio Lower Upper
99 100
42 27.5 21.0 31.4
71 35.8 27.8 41.8



#8
2-Chlorophenol
Concen: 57.621 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 128 Resp: 482622
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 57.6 39.0 79.0





#9

Benzaldehyde

Concen: 71.995 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

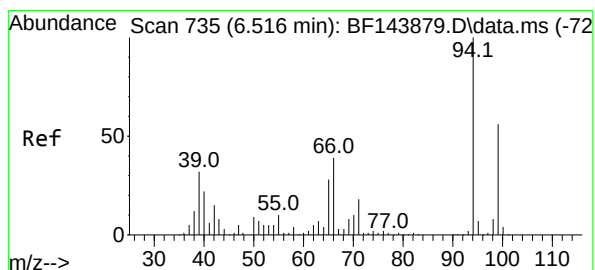
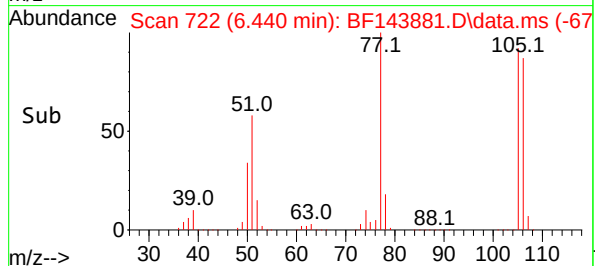
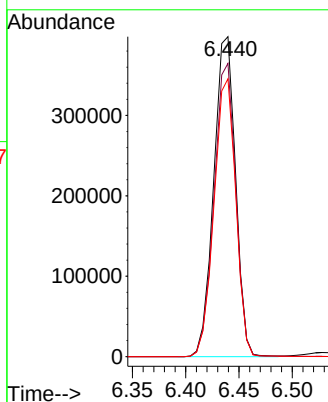
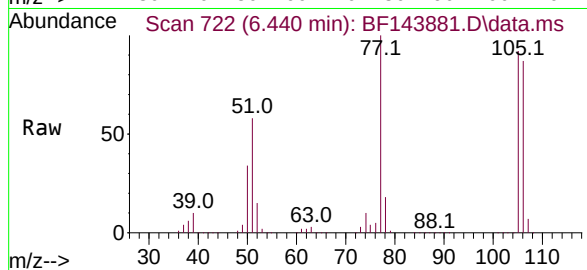
Tgt Ion: 77 Resp: 567228

Ion Ratio Lower Upper

77 100

105 91.6 70.9 110.9

106 86.8 68.9 108.9



#10

Phenol

Concen: 58.149 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

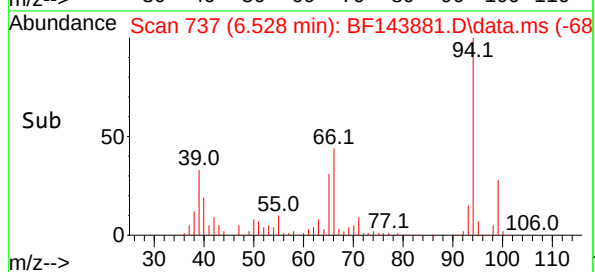
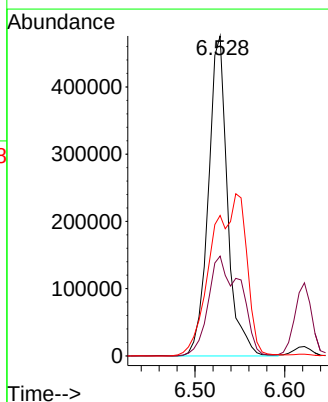
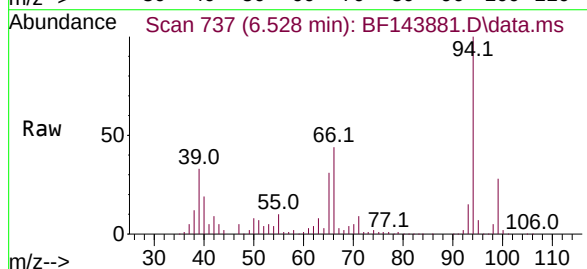
Tgt Ion: 94 Resp: 710019

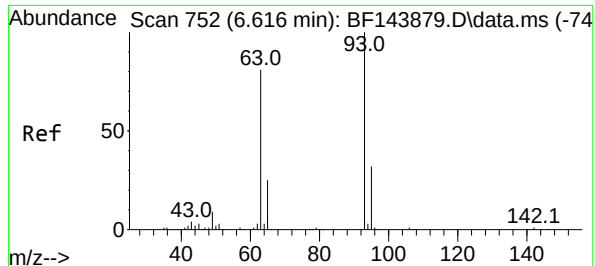
Ion Ratio Lower Upper

94 100

65 31.2 8.5 48.5

66 43.9 19.9 59.9

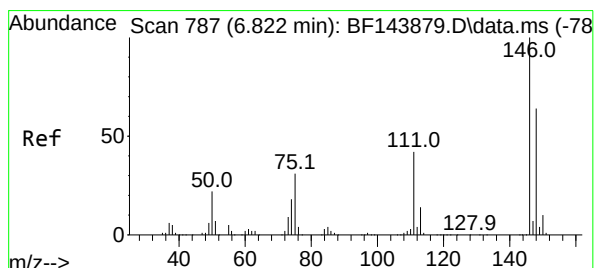
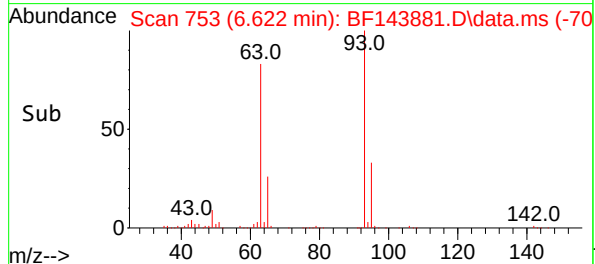
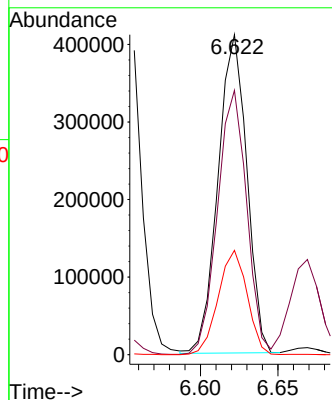
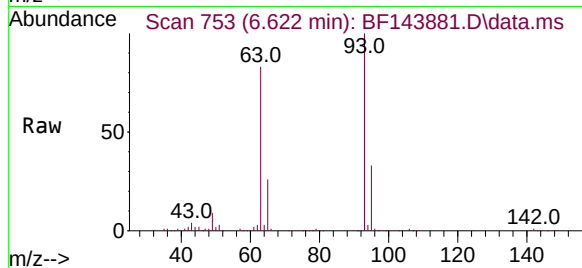




#11
bis(2-Chloroethyl)ether
Concen: 56.337 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

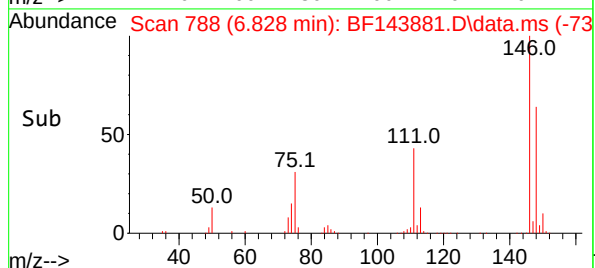
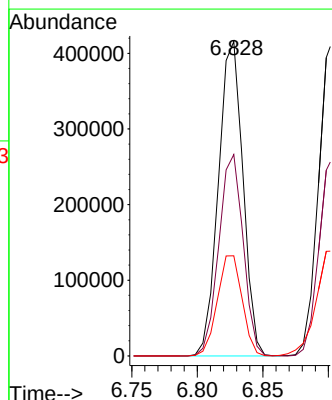
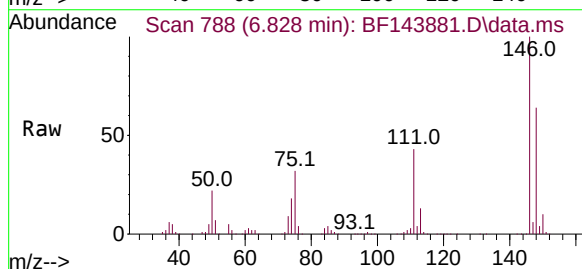
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ClientSampleId :
SSTDICC060

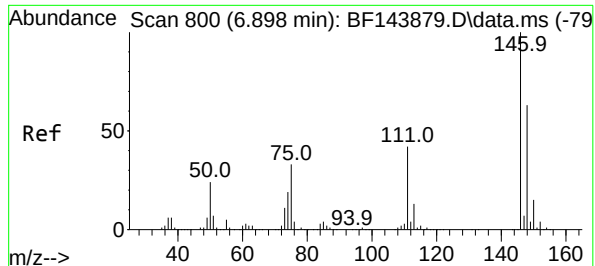
Tgt Ion: 93 Resp: 531386
Ion Ratio Lower Upper
93 100
63 82.6 60.9 100.9
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 54.041 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 146 Resp: 541823
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 55.312 ng

RT: 6.904 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

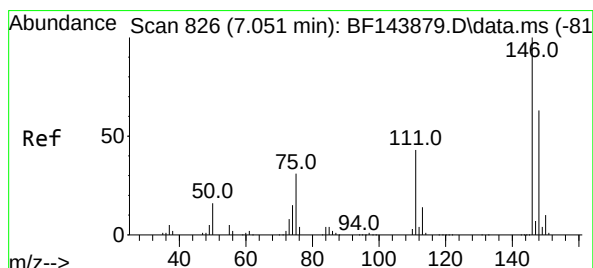
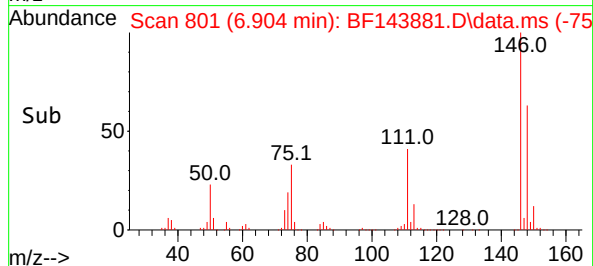
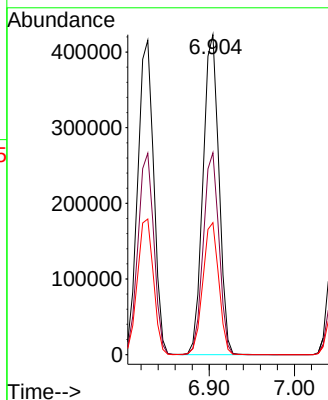
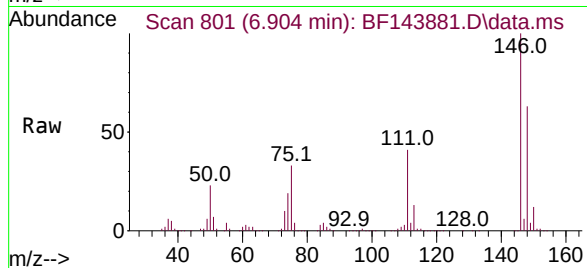
Tgt Ion:146 Resp: 547027

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 55.507 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

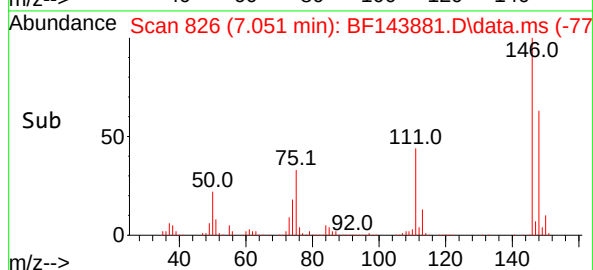
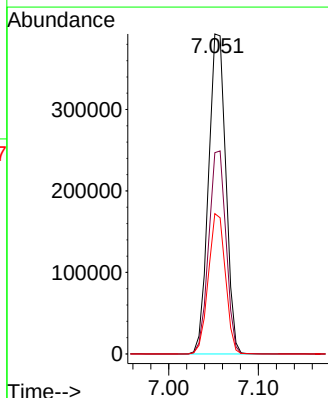
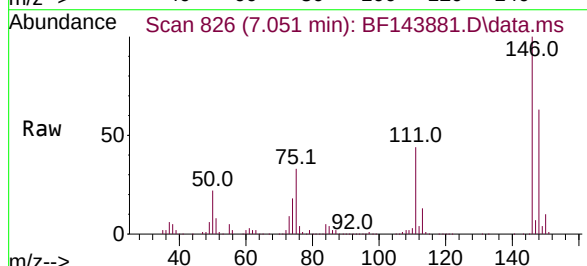
Tgt Ion:146 Resp: 525807

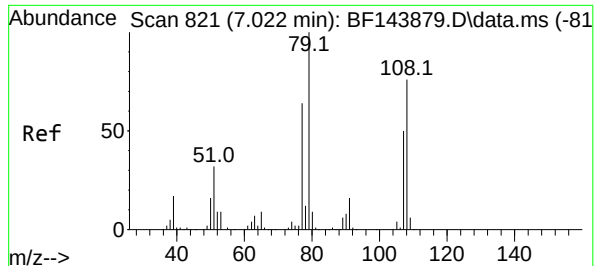
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 58.880 ng

RT: 7.028 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

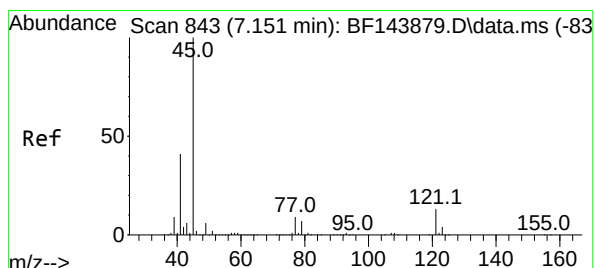
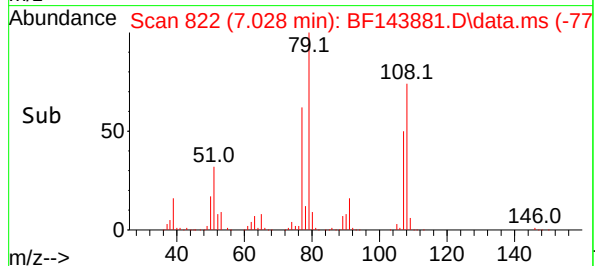
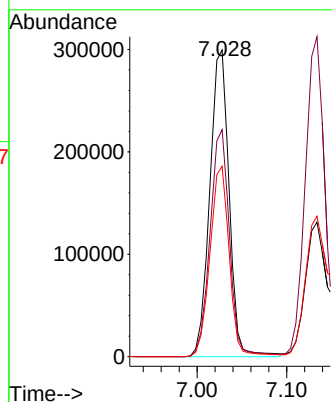
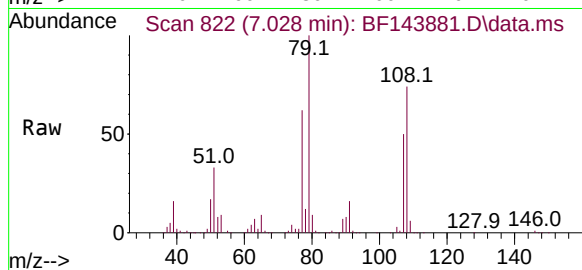
Tgt Ion: 79 Resp: 450578

Ion Ratio Lower Upper

79 100

108 74.1 60.8 91.2

77 62.1 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.002 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

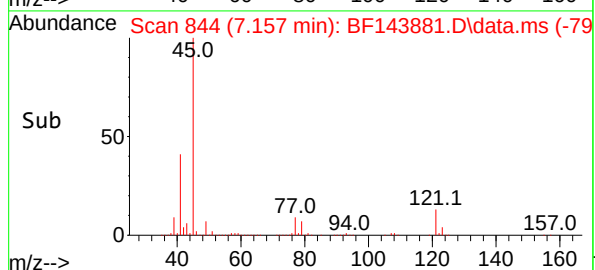
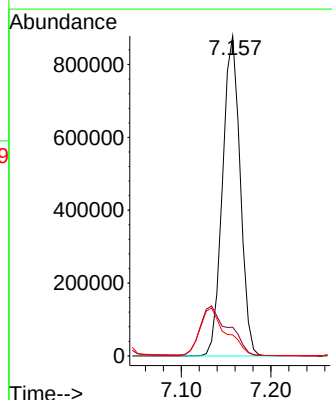
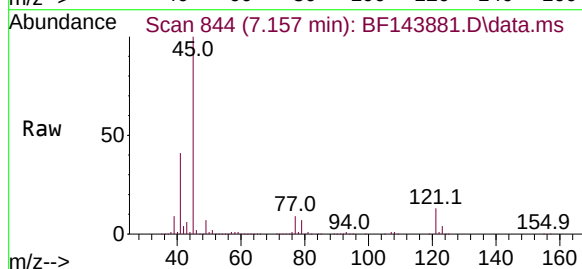
Tgt Ion: 45 Resp: 1202366

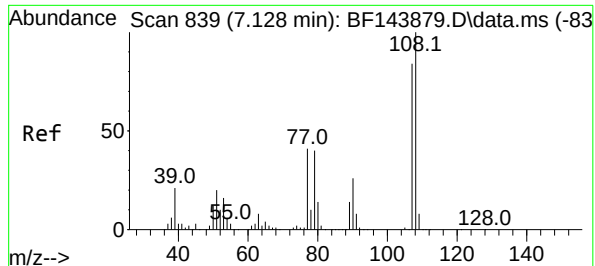
Ion Ratio Lower Upper

45 100

77 9.0 0.0 29.0

79 6.6 0.0 26.8



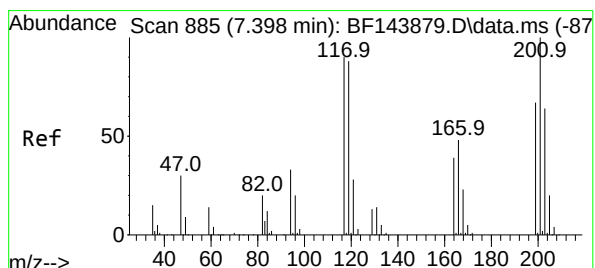
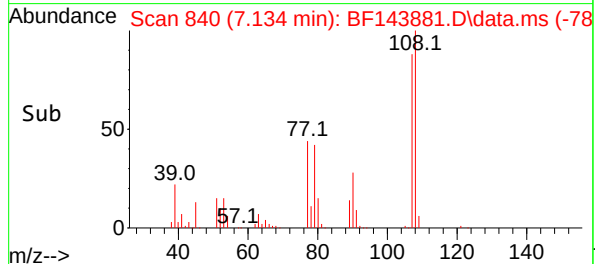
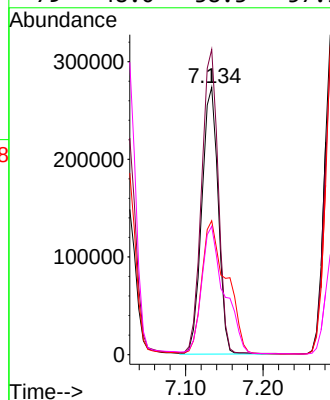
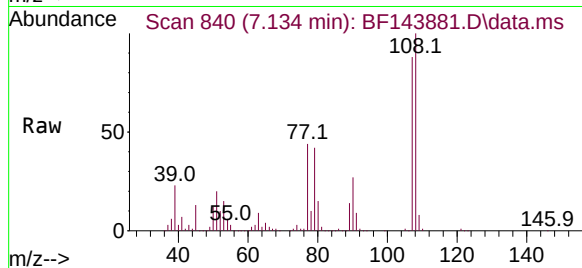


#17
2-Methylphenol
Concen: 58.170 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 402660

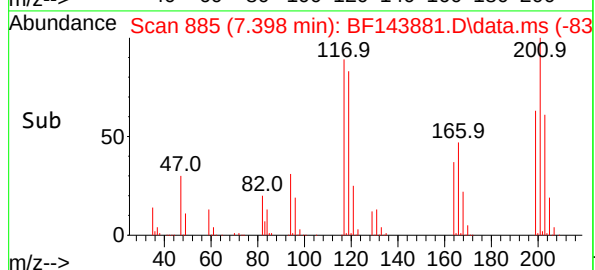
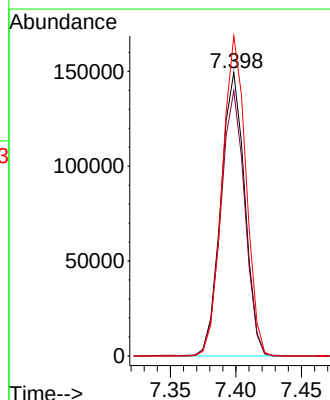
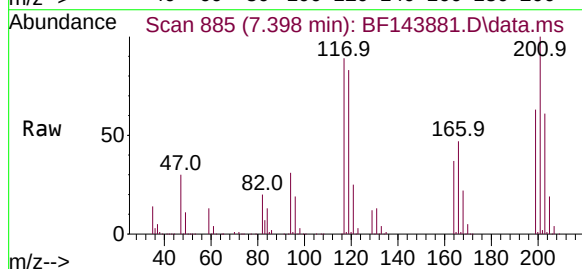
Ion	Ratio	Lower	Upper
107	100		
108	114.2	94.7	142.1
77	50.1	38.8	58.2
79	48.0	38.3	57.5

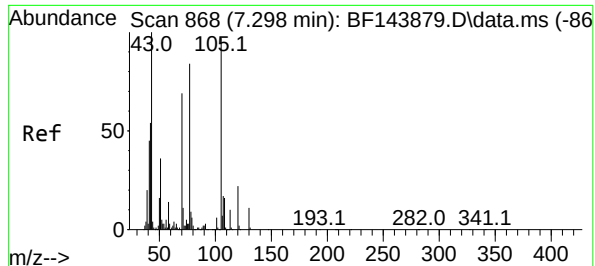


#18
Hexachloroethane
Concen: 57.373 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:117 Resp: 189228

Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.8	116.8
201	112.9	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.794 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 383071

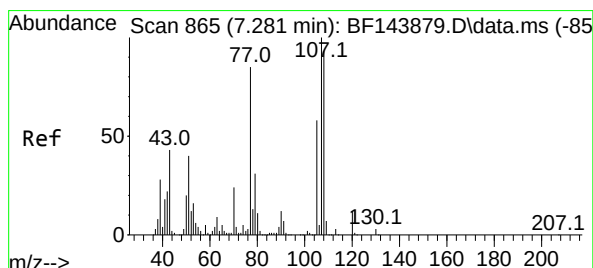
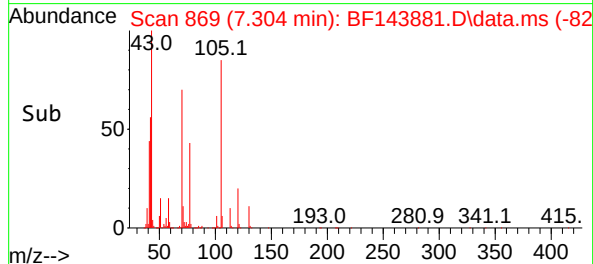
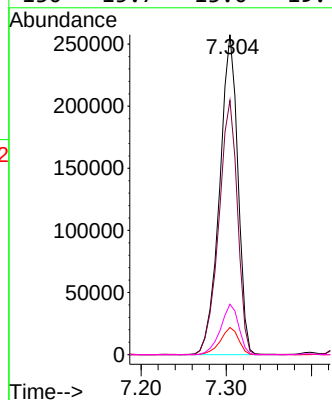
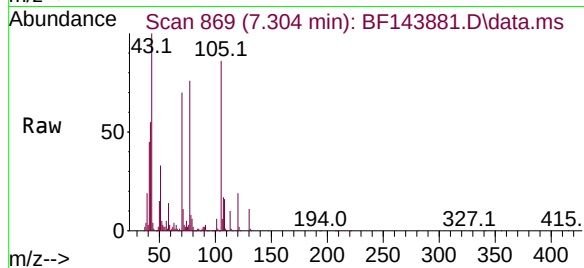
Ion Ratio Lower Upper

70 100

42 79.4 62.8 94.2

101 8.5 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 54.319 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 107 Resp: 435782

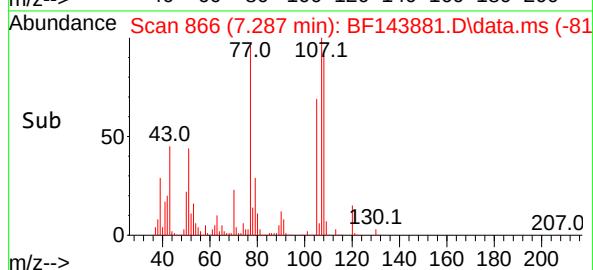
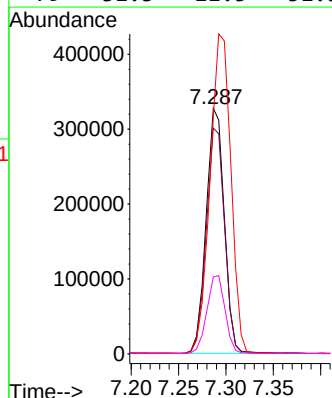
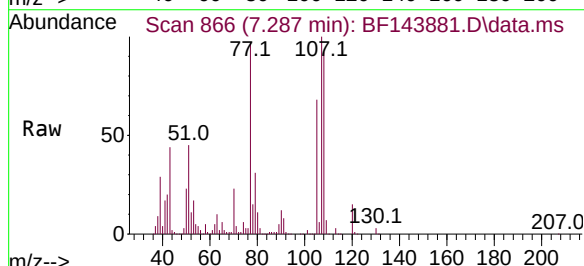
Ion Ratio Lower Upper

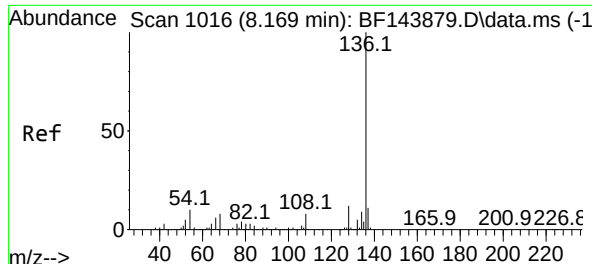
107 100

108 92.0 73.0 113.0

77 96.5 64.6 104.6

79 31.3 11.5 51.5



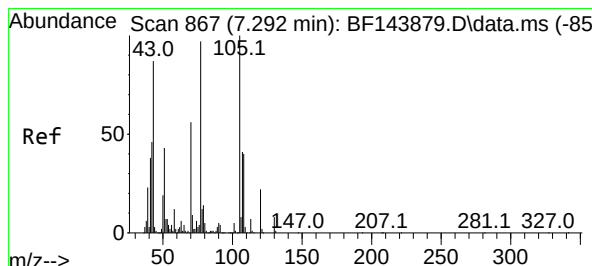
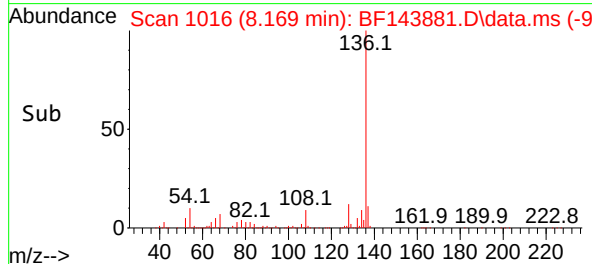
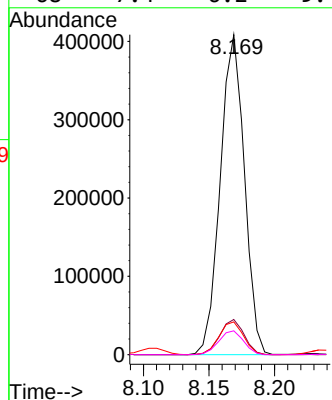
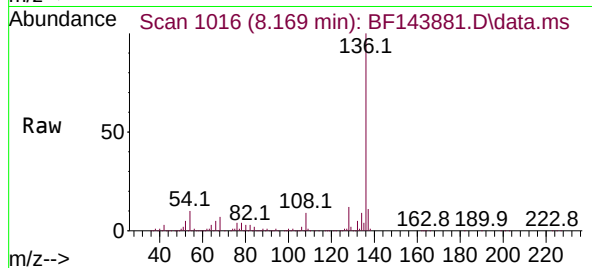


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 524164

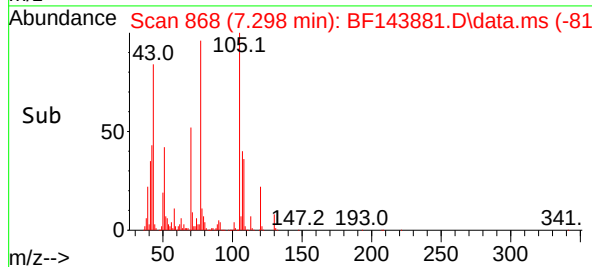
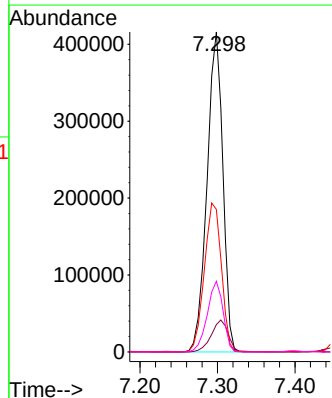
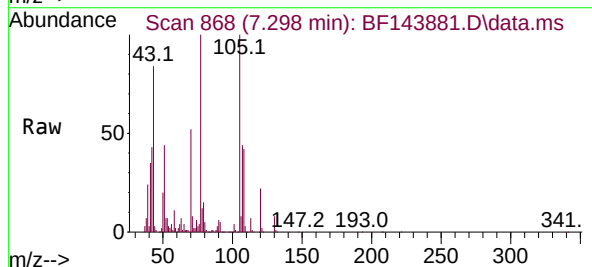
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.2	8.2	12.4
68	7.4	6.2	9.4

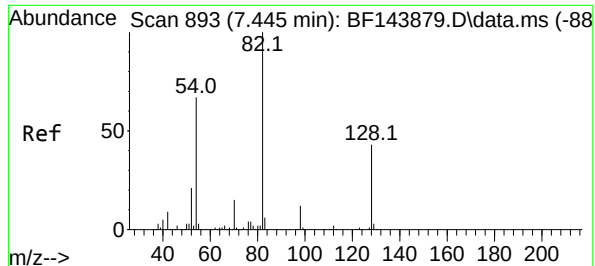


#22
Acetophenone
Concen: 53.189 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:105 Resp: 589502

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.4	11.0
51	44.5	34.2	51.4
120	22.1	17.7	26.5





#23

Nitrobenzene-d5

Concen: 118.430 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

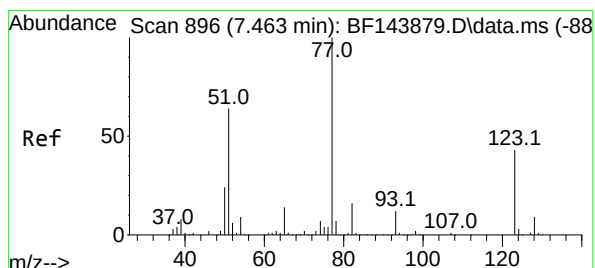
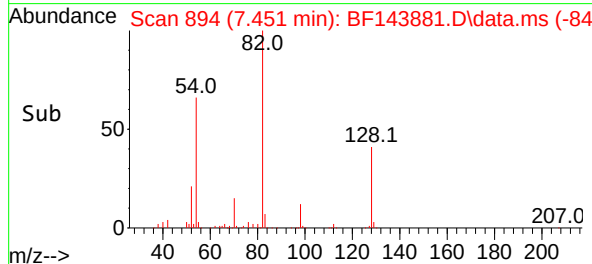
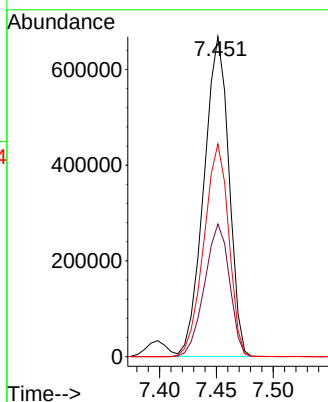
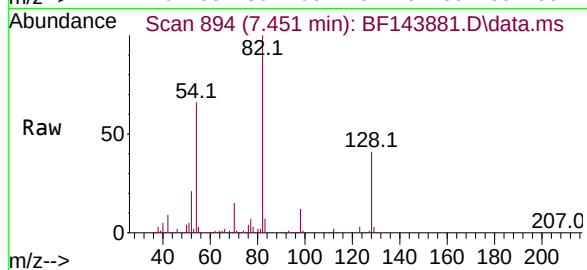
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1021762

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	66.5	53.2	79.8



#24

Nitrobenzene

Concen: 59.969 ng

RT: 7.469 min Scan# 897

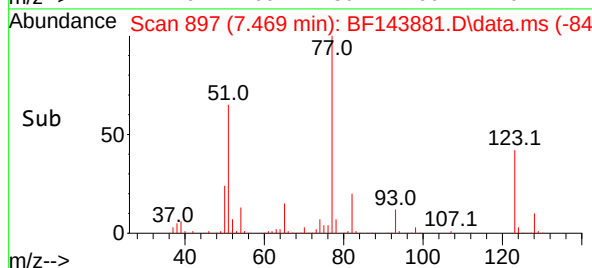
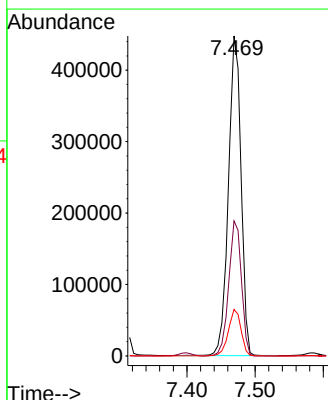
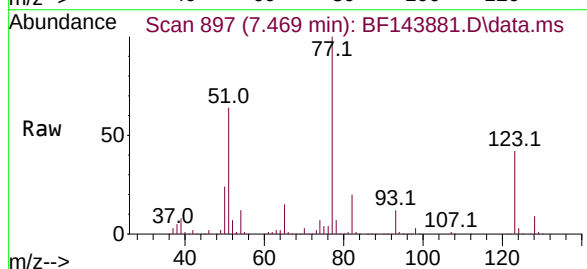
Delta R.T. -0.006 min

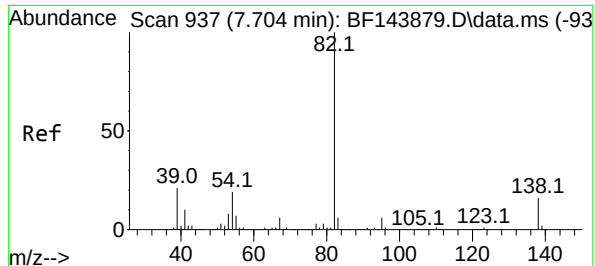
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 77 Resp: 574563

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.2	51.4
65	14.5	11.0	16.6





#25

Isophorone

Concen: 57.290 ng

RT: 7.710 min Scan# 937

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

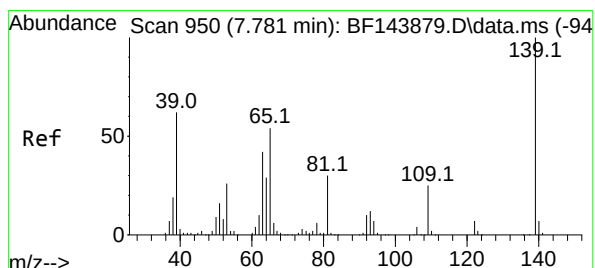
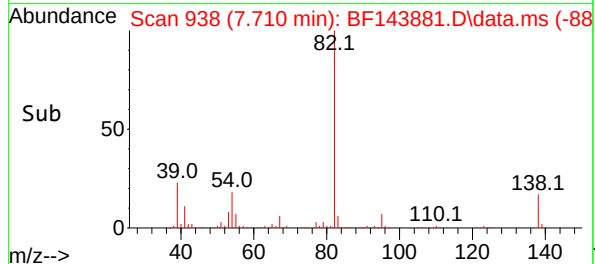
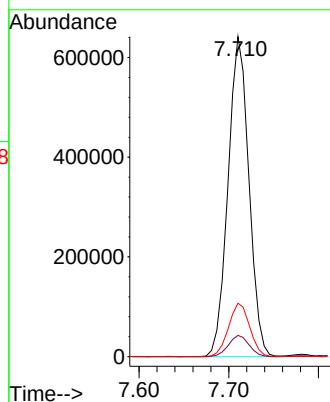
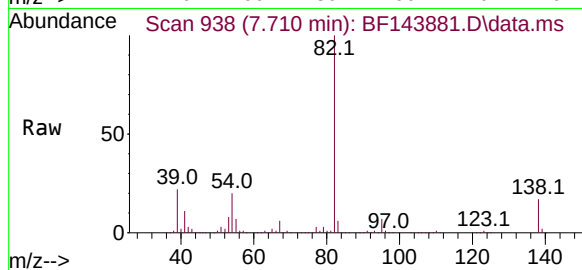
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1042198

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	16.7	12.9	19.3



#26

2-Nitrophenol

Concen: 66.327 ng

RT: 7.781 min Scan# 950

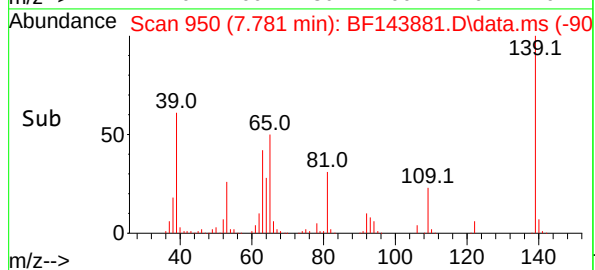
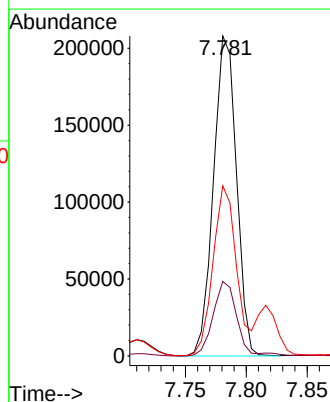
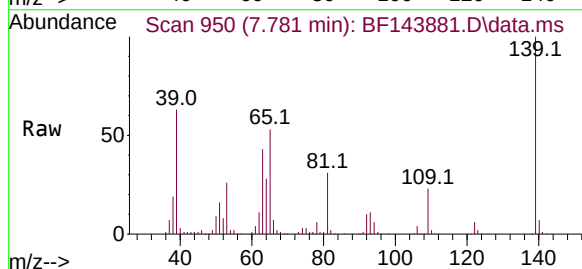
Delta R.T. -0.006 min

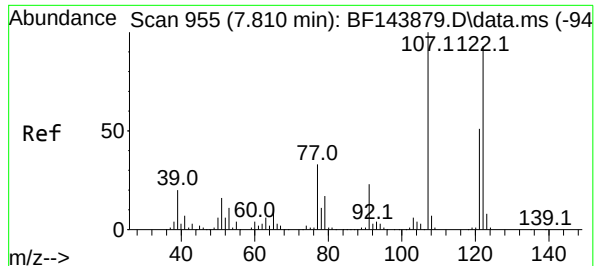
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 139 Resp: 272450

Ion	Ratio	Lower	Upper
139	100		
109	23.3	19.8	29.6
65	53.1	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 59.187 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

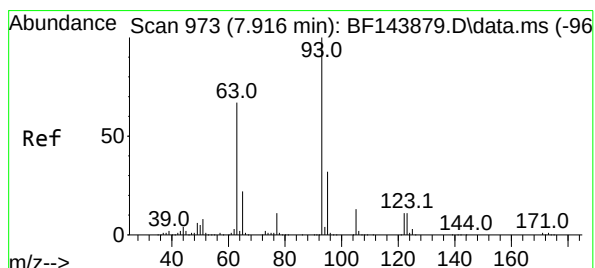
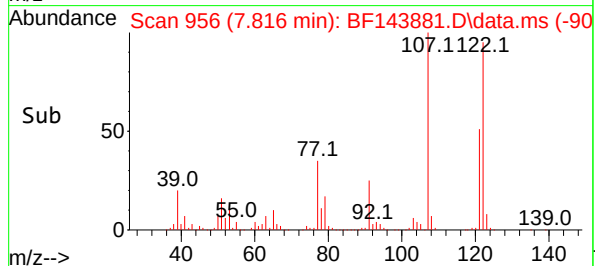
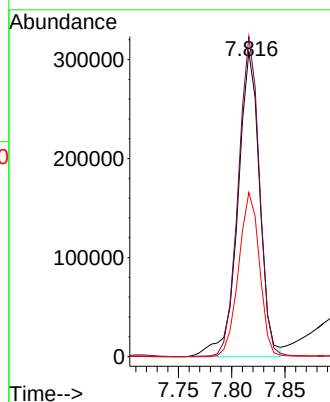
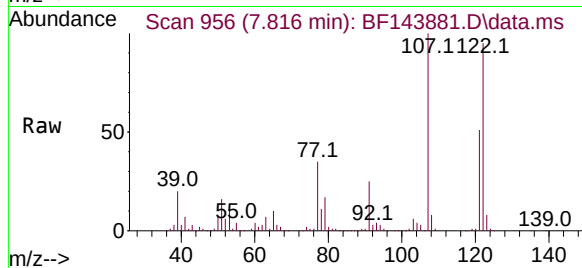
Tgt Ion:122 Resp: 437344

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 53.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.917 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

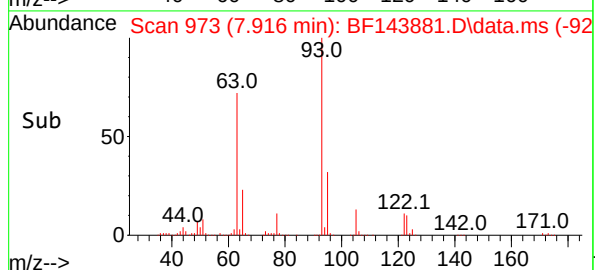
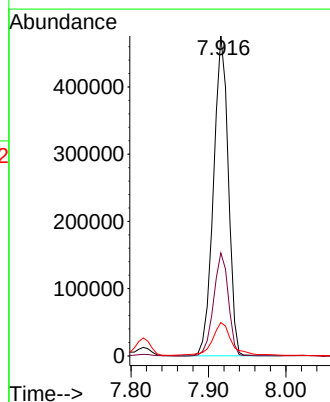
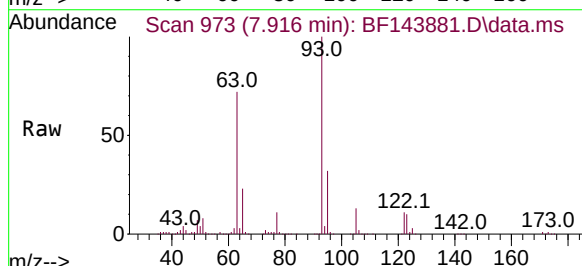
Tgt Ion: 93 Resp: 631066

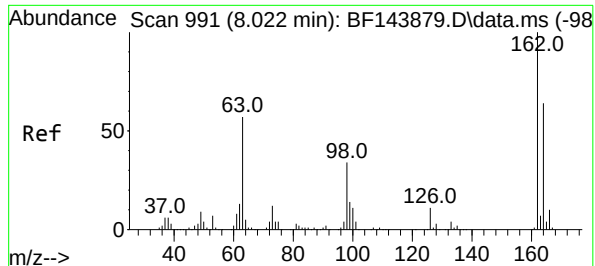
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.524 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

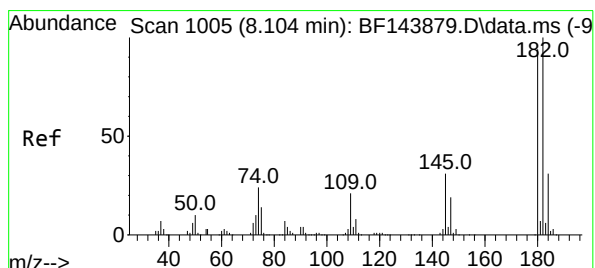
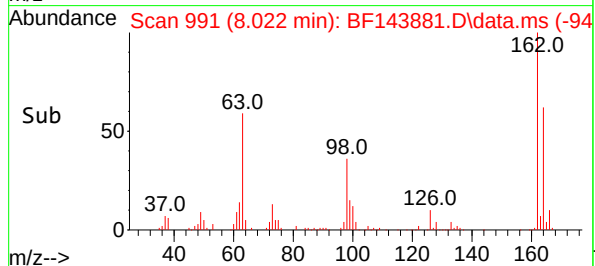
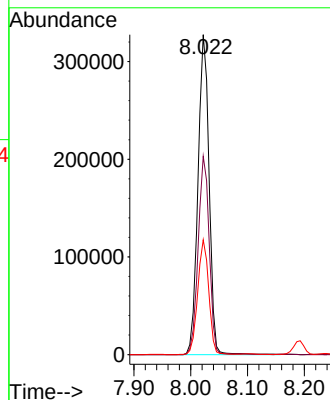
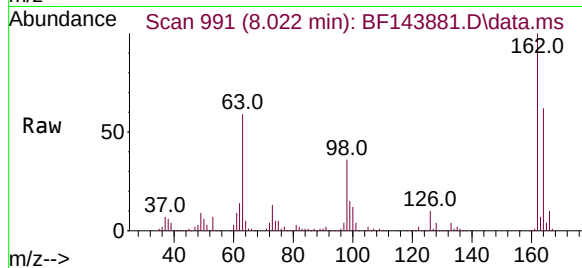
Tgt Ion:162 Resp: 442749

Ion Ratio Lower Upper

162 100

164 62.0 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 56.555 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

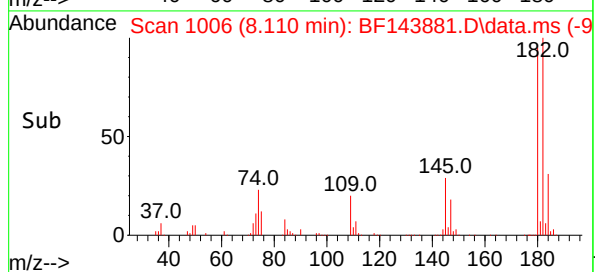
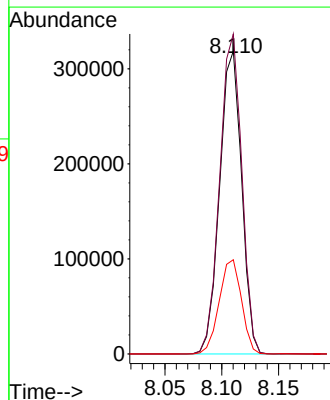
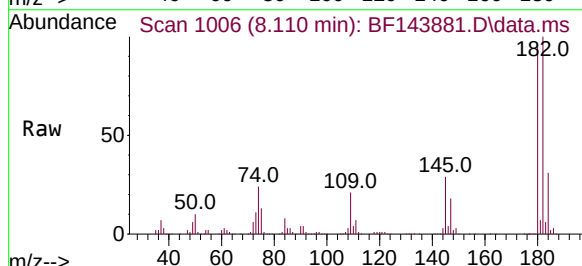
Tgt Ion:180 Resp: 428102

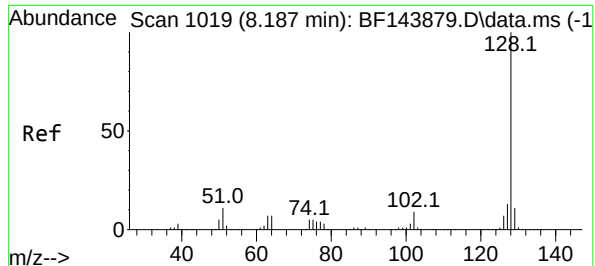
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 31.1 26.3 39.5





#31

Naphthalene

Concen: 53.874 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

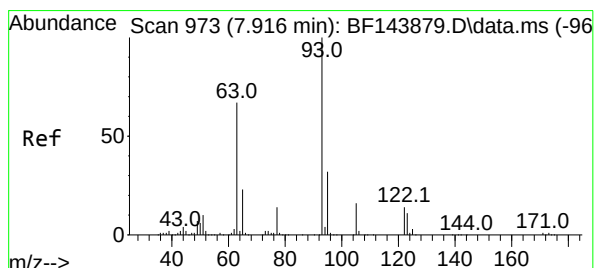
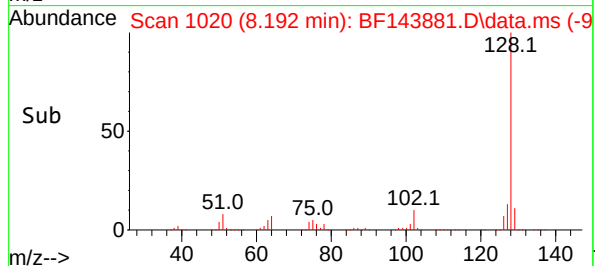
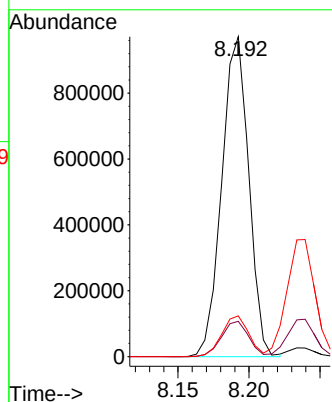
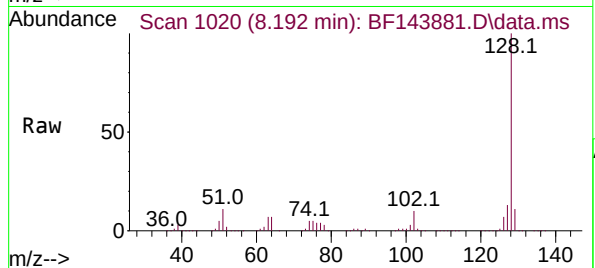
Tgt Ion:128 Resp: 1284573

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 68.237 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.023 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

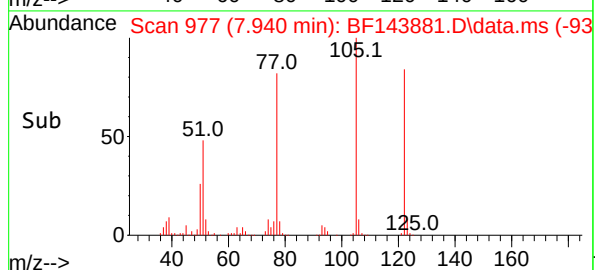
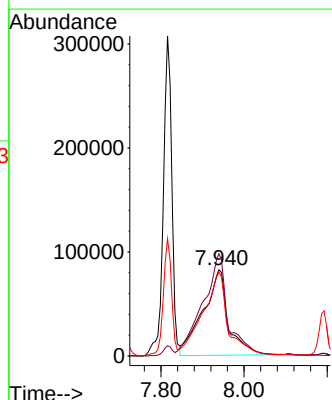
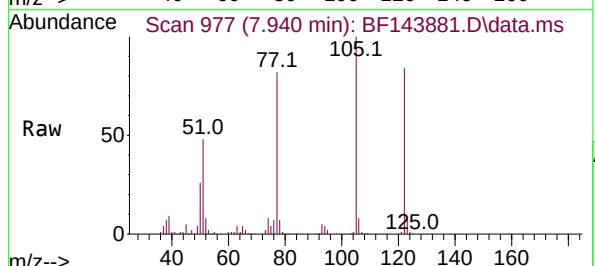
Tgt Ion:122 Resp: 348955

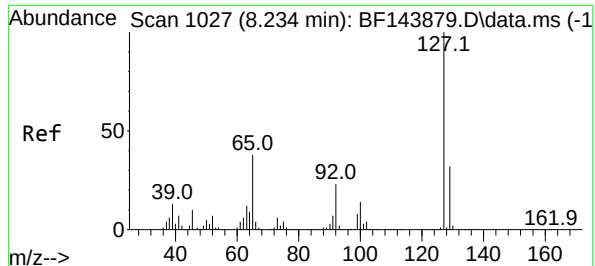
Ion Ratio Lower Upper

122 100

105 118.8 93.5 133.5

77 97.3 76.3 116.3

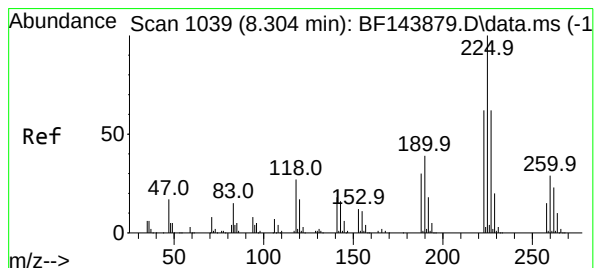
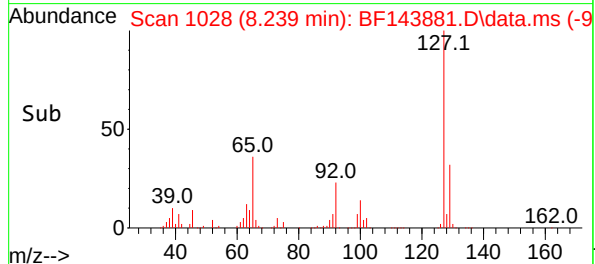
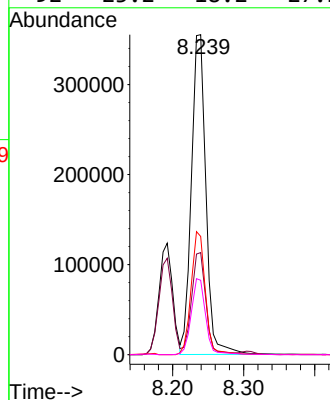
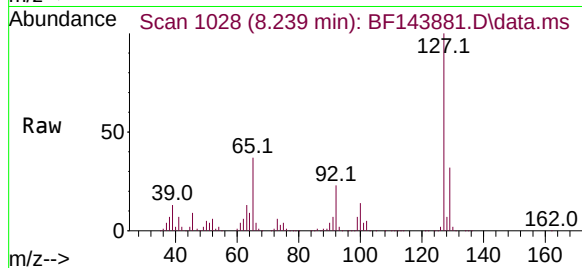




#33
4-Chloroaniline
Concen: 56.451 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

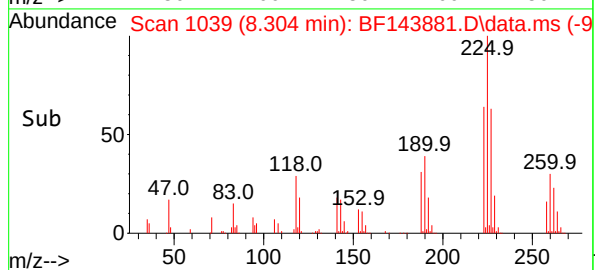
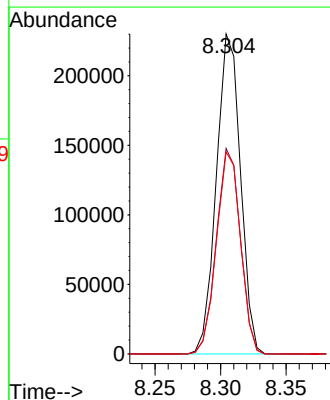
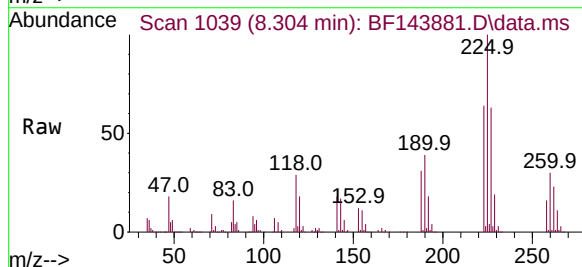
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

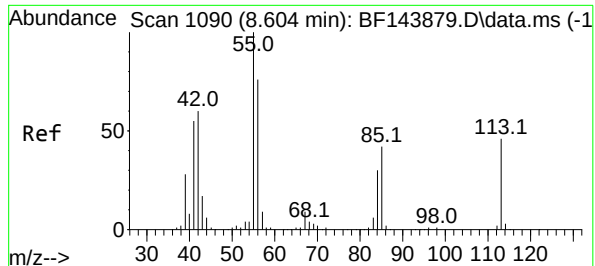
Tgt Ion:127	Resp: 504823
Ion Ratio	Lower Upper
127	100
129	31.9 25.8 38.8
65	36.9 30.0 45.0
92	23.2 18.2 27.2



#34
Hexachlorobutadiene
Concen: 55.989 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:225	Resp: 294507
Ion Ratio	Lower Upper
225	100
223	64.2 49.4 74.2
227	63.1 49.7 74.5





#35

Caprolactam

Concen: 60.055 ng

RT: 8.622 min Scan# 1109

Delta R.T. -0.023 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

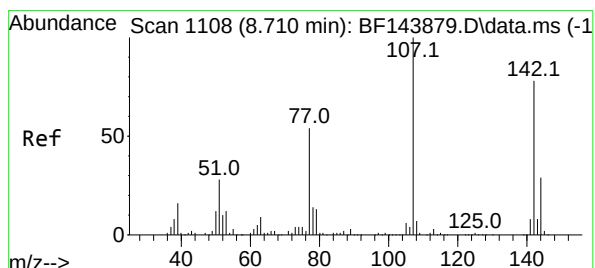
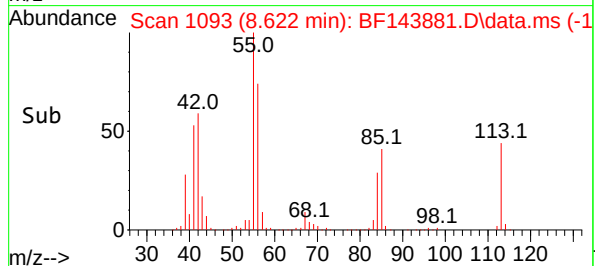
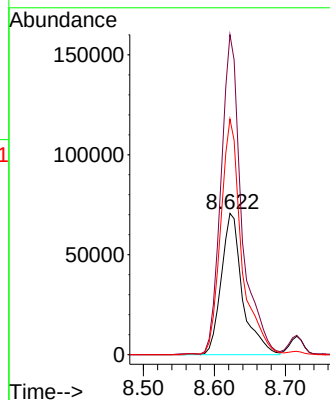
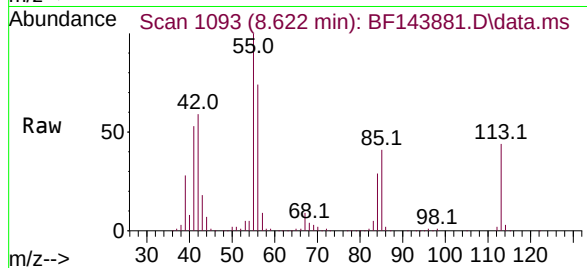
Tgt Ion:113 Resp: 146970

Ion Ratio Lower Upper

113 100

55 226.6 199.6 239.6

56 166.8 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 57.336 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

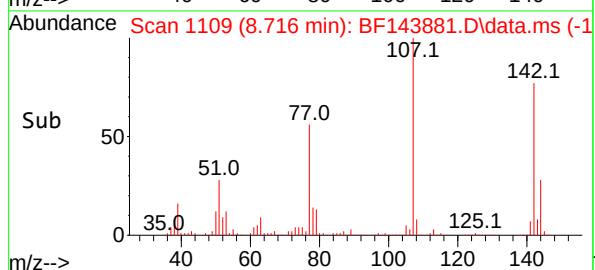
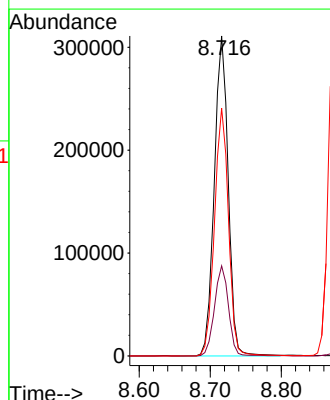
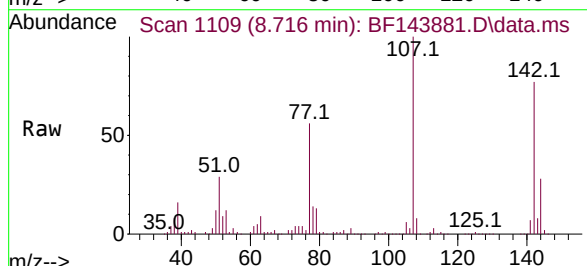
Tgt Ion:107 Resp: 423904

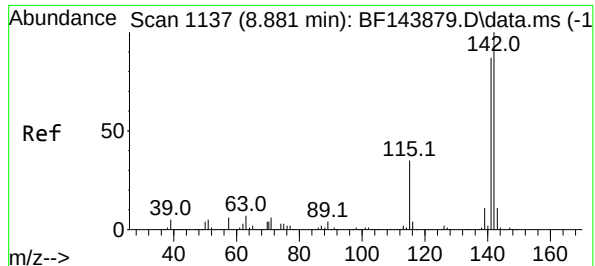
Ion Ratio Lower Upper

107 100

144 28.1 23.1 34.7

142 77.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 52.814 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

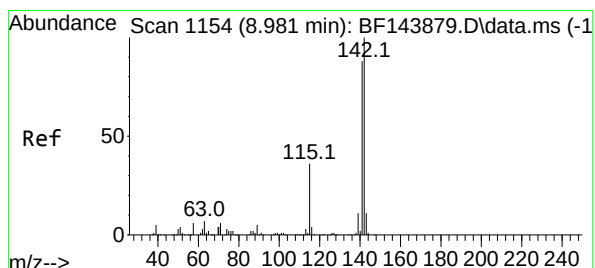
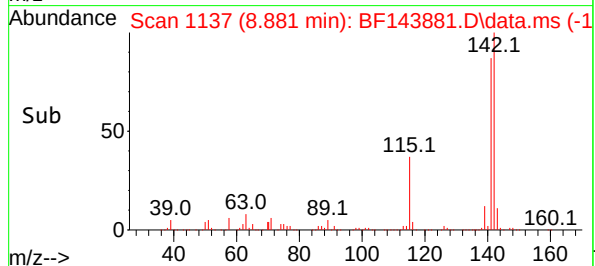
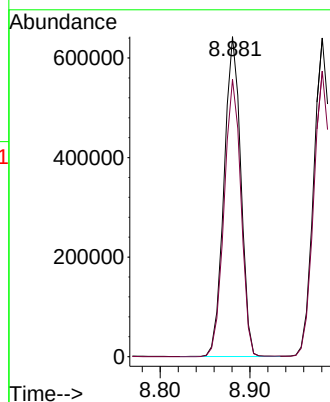
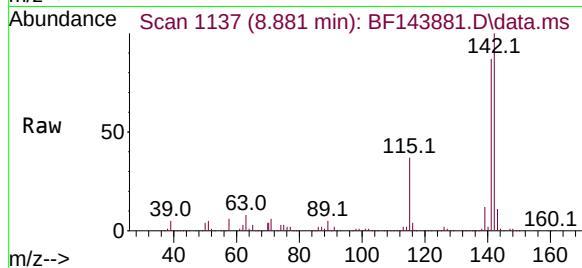
SSTDICC060

Tgt Ion:142 Resp: 838837

Ion Ratio Lower Upper

142 100

141 86.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 53.405 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143881.D

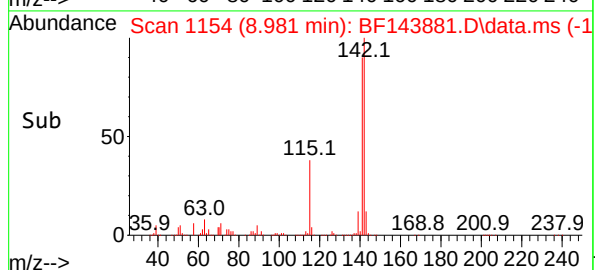
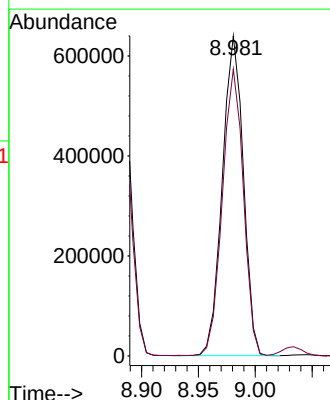
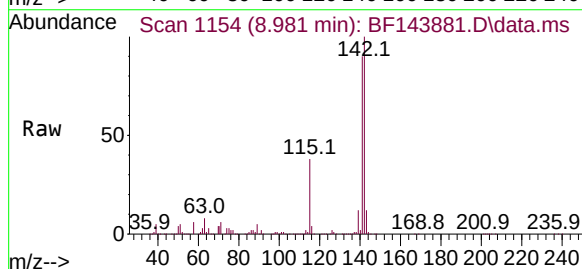
Acq: 06 Oct 2025 13:53

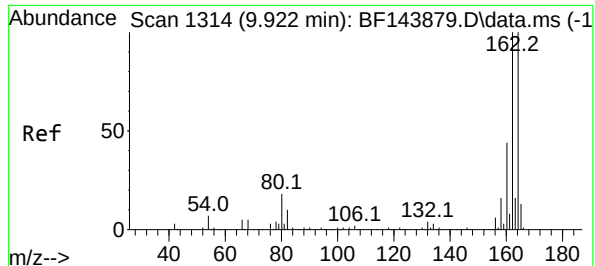
Tgt Ion:142 Resp: 822755

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

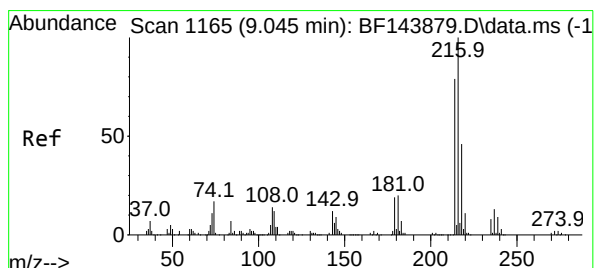
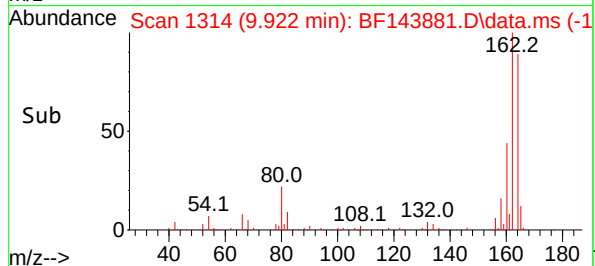
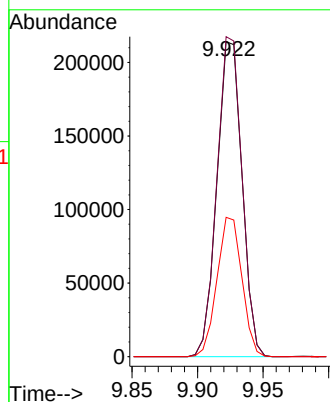
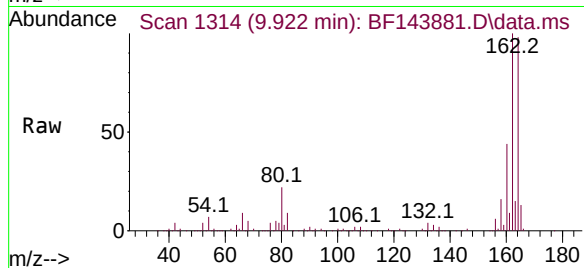
Tgt Ion:164 Resp: 286024

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.382 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:216 Resp: 445714

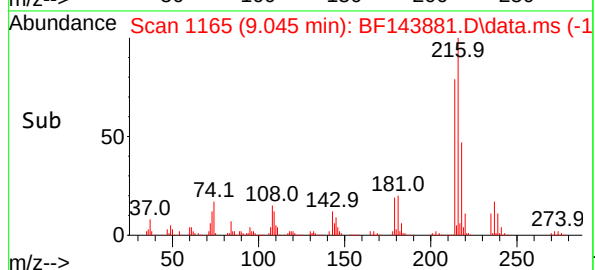
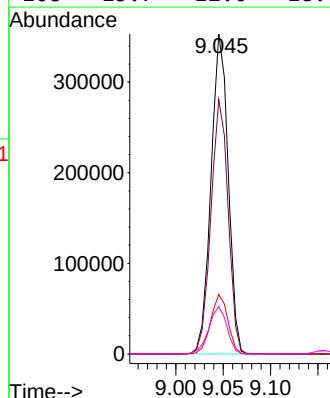
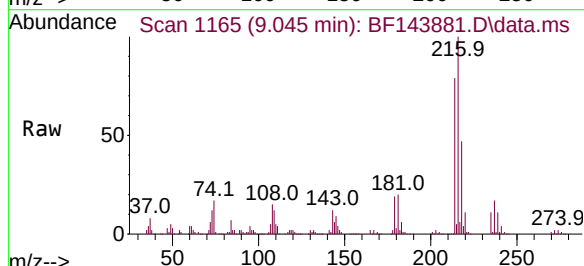
Ion Ratio Lower Upper

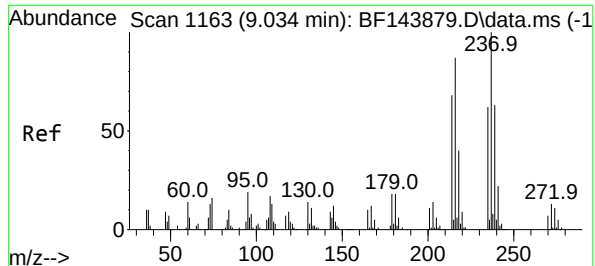
216 100

214 79.6 62.6 94.0

179 18.5 15.4 23.0

108 15.7 12.0 18.0

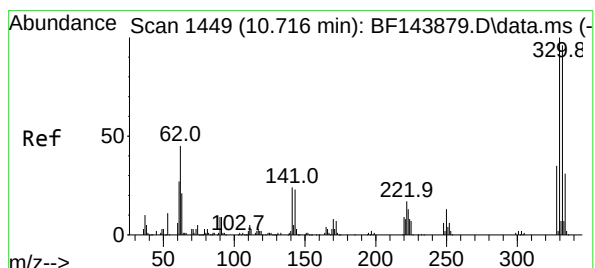
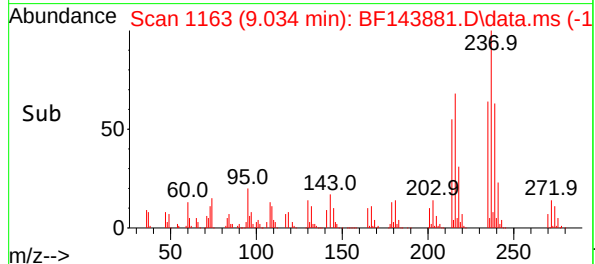
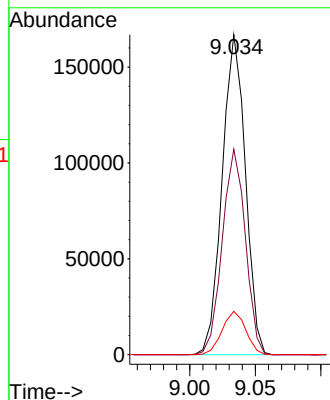
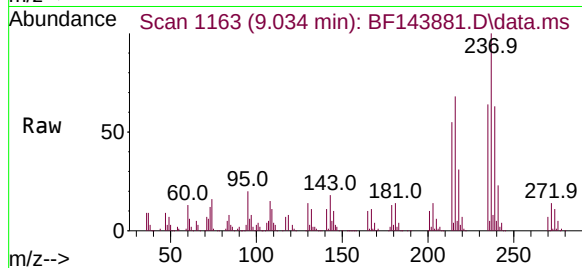




#41
Hexachlorocyclopentadiene
Concen: 62.806 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

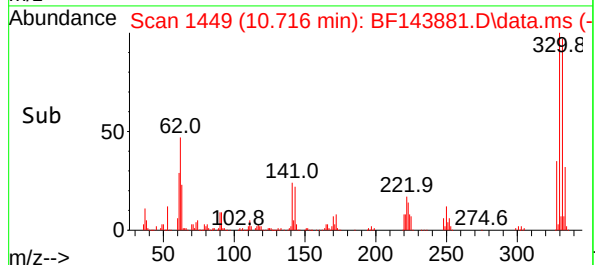
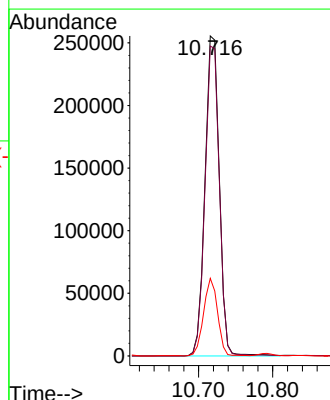
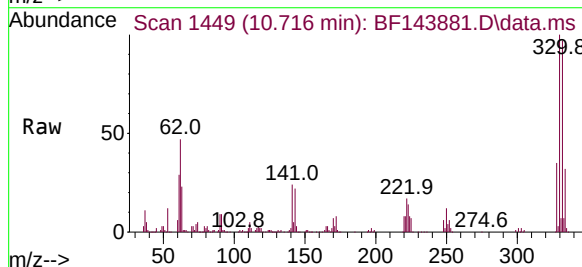
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

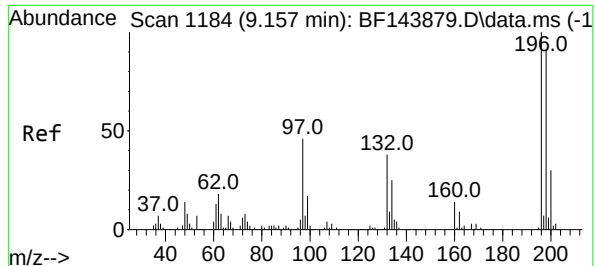
Tgt Ion: 237 Resp: 205978
Ion Ratio Lower Upper
237 100
235 64.2 42.3 82.3
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 120.554 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 330 Resp: 343442
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 23.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 58.657 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143881.D

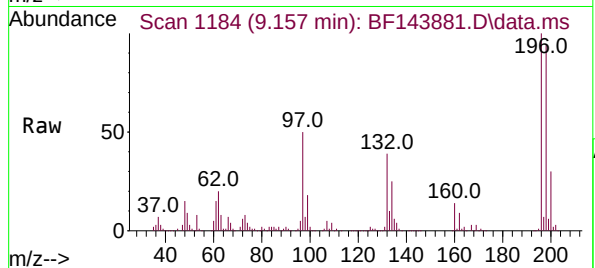
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



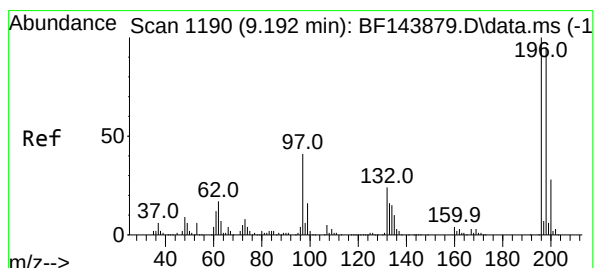
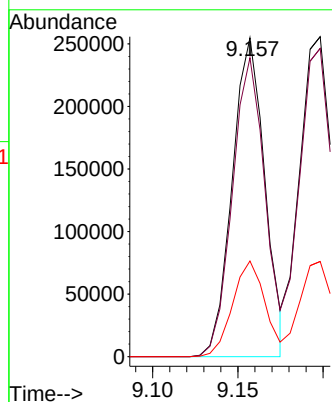
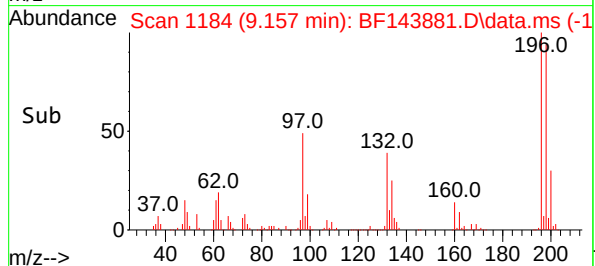
Tgt Ion:196 Resp: 338809

Ion Ratio Lower Upper

196 100

198 93.7 72.8 109.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

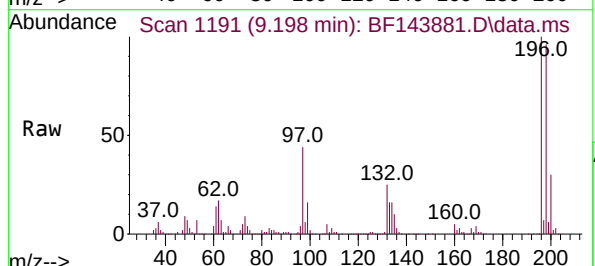
Concen: 56.620 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53



Tgt Ion:196 Resp: 345605

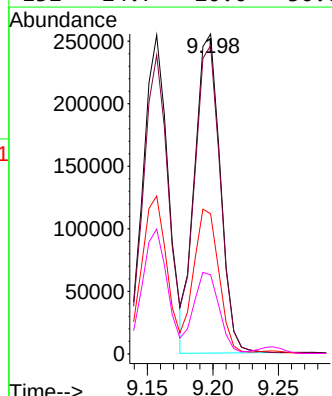
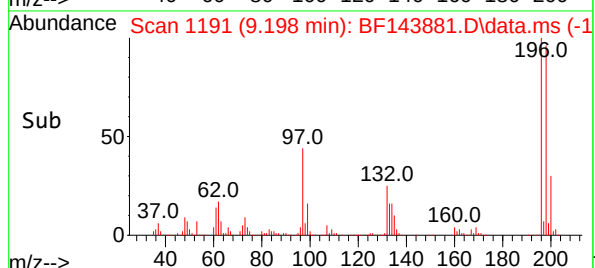
Ion Ratio Lower Upper

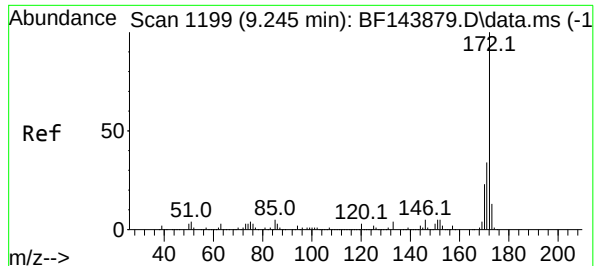
196 100

198 96.3 75.5 113.3

97 43.8 33.9 50.9

132 24.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 97.871 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

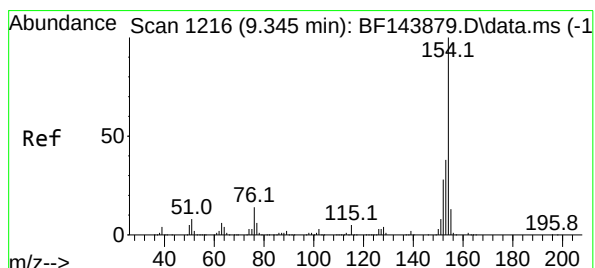
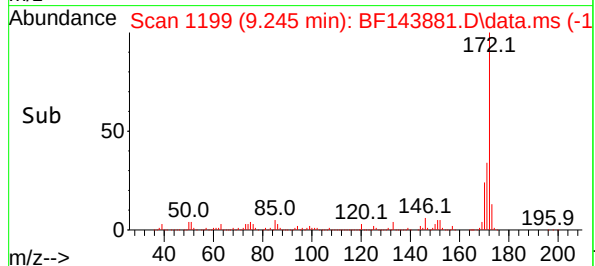
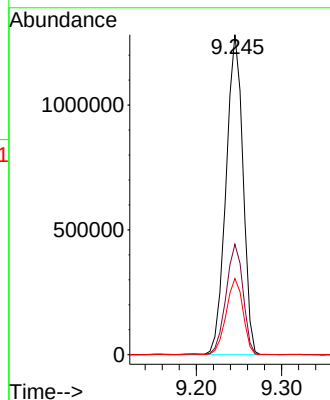
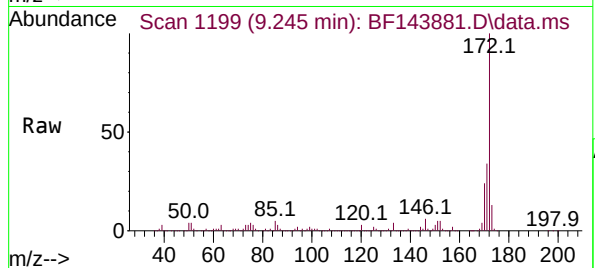
Tgt Ion:172 Resp: 1764203

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.040 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

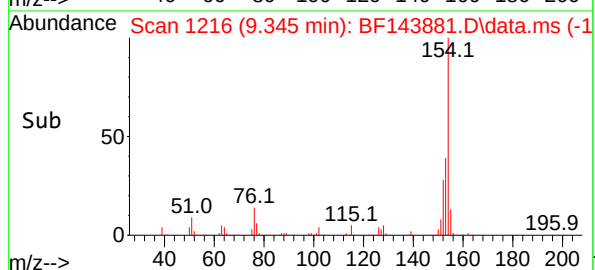
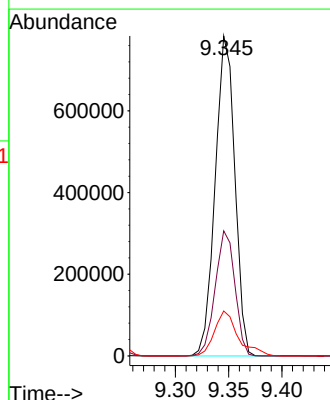
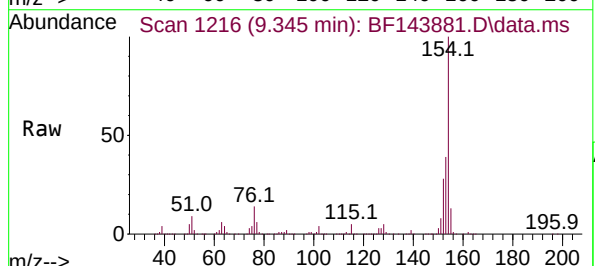
Tgt Ion:154 Resp: 1004440

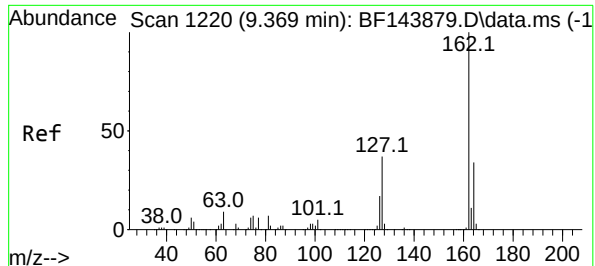
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 54.531 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

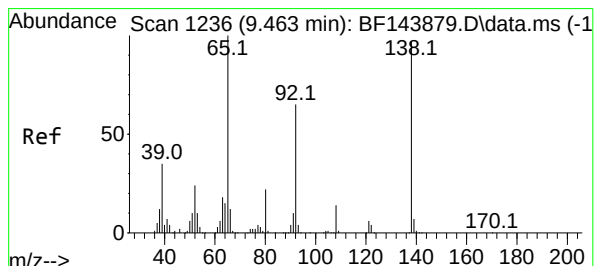
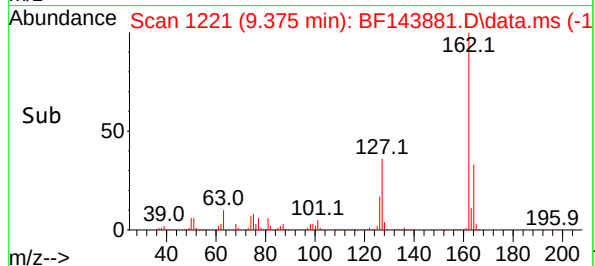
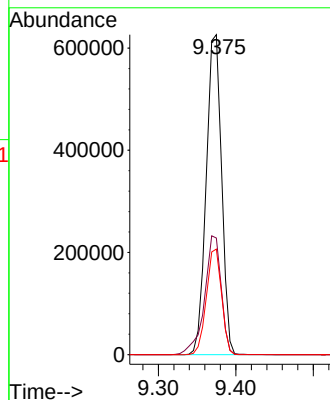
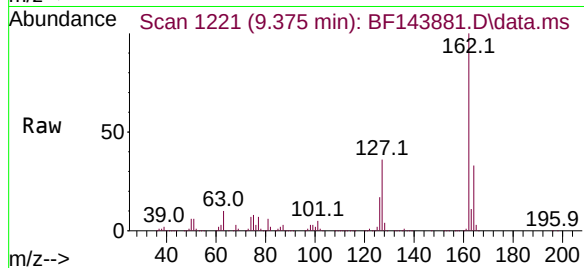
Tgt Ion:162 Resp: 860999

Ion Ratio Lower Upper

162 100

127 36.4 30.2 45.2

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 62.679 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

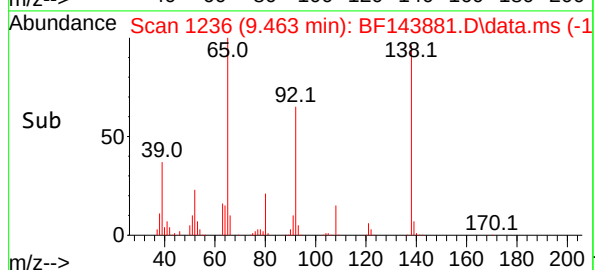
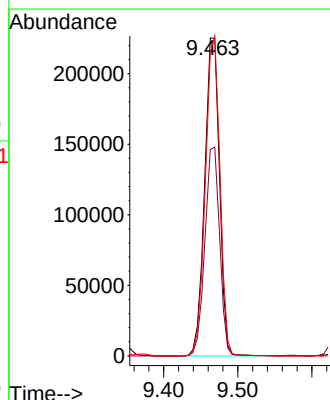
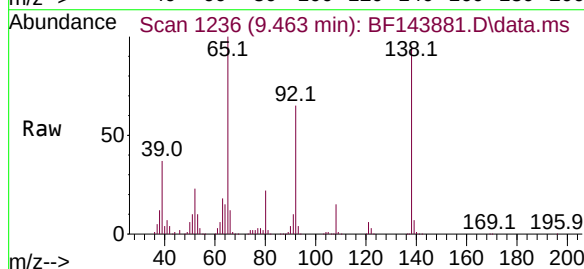
Tgt Ion: 65 Resp: 312884

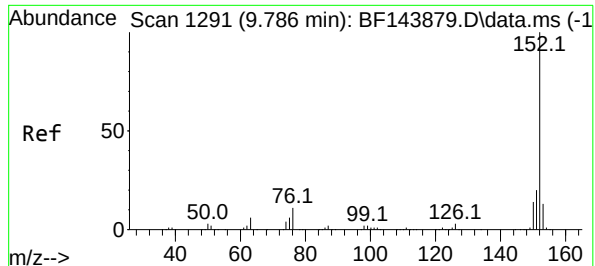
Ion Ratio Lower Upper

65 100

92 64.9 52.1 78.1

138 95.3 77.4 116.2





#49

Acenaphthylene

Concen: 55.140 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

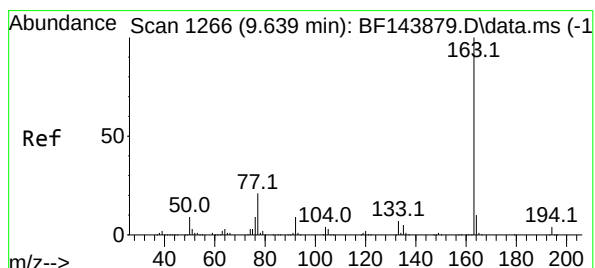
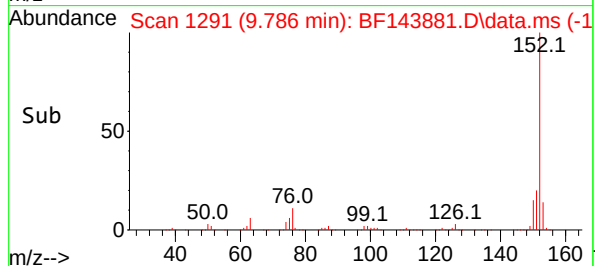
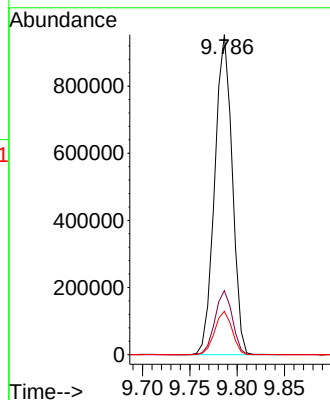
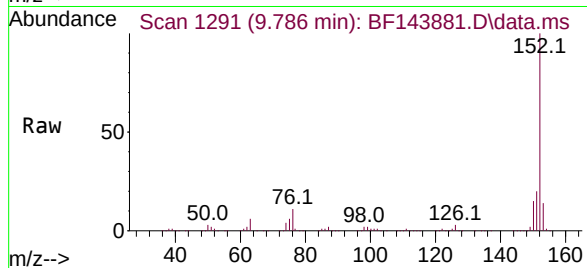
Tgt Ion:152 Resp: 1223951

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 56.783 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

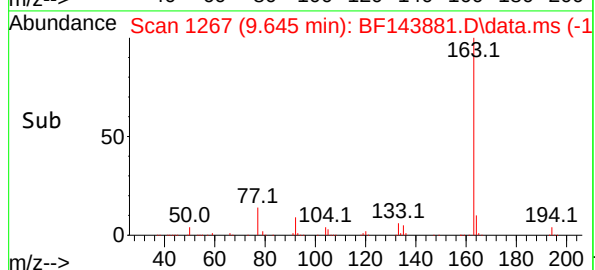
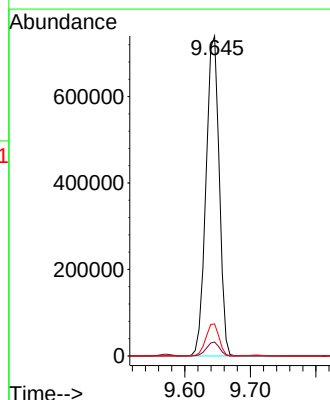
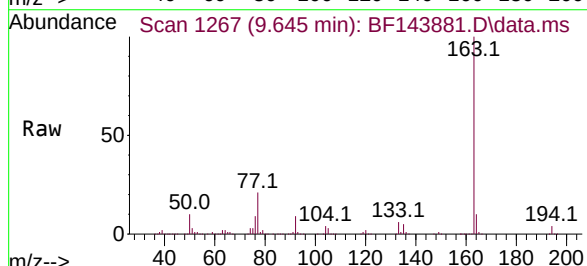
Tgt Ion:163 Resp: 1031391

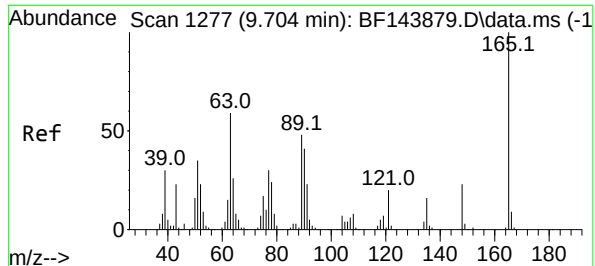
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1

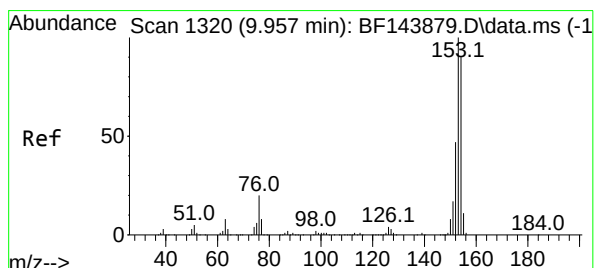
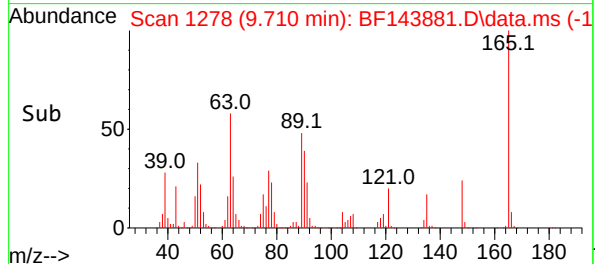
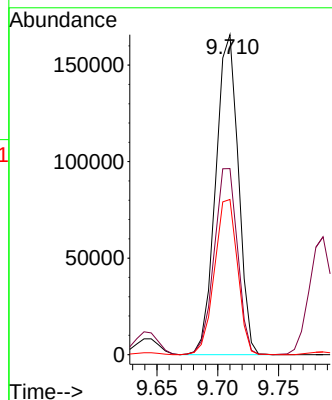
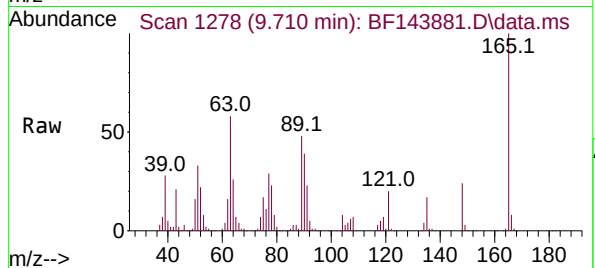




#51
2,6-Dinitrotoluene
Concen: 63.587 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

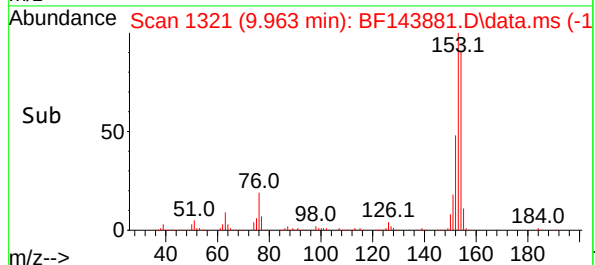
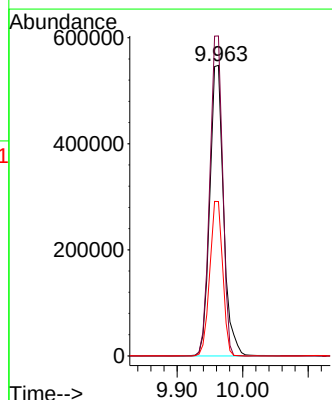
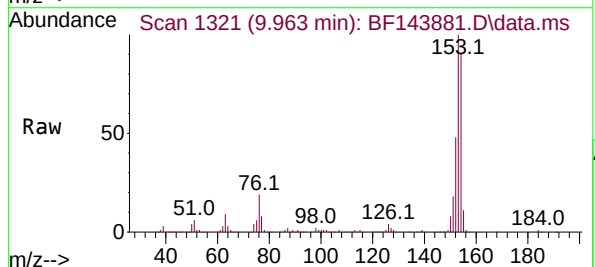
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

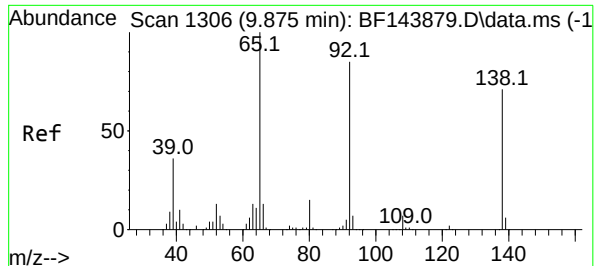
Tgt Ion:165 Resp: 214169
Ion Ratio Lower Upper
165 100
63 58.1 47.3 70.9
89 48.5 38.2 57.4



#52
Acenaphthene
Concen: 55.124 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:154 Resp: 801773
Ion Ratio Lower Upper
154 100
153 110.2 89.3 133.9
152 53.1 42.2 63.2

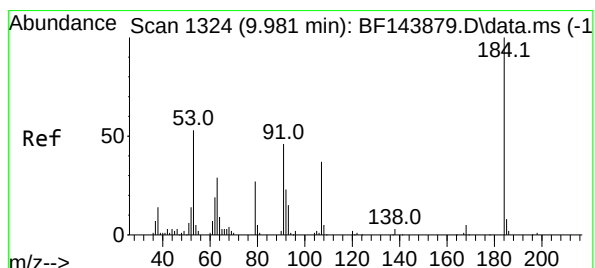
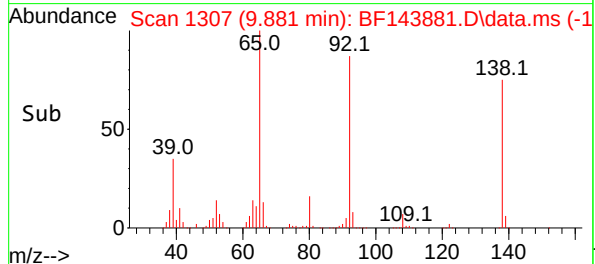
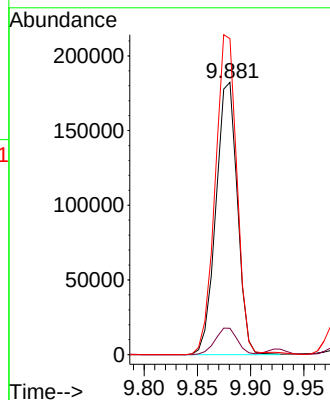
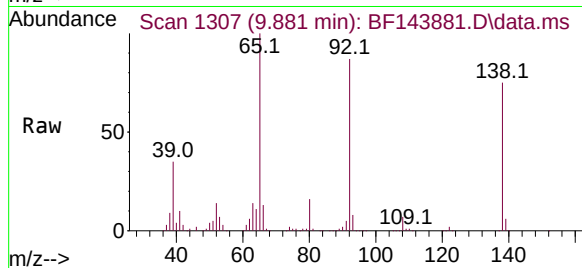




#53
3-Nitroaniline
Concen: 62.070 ng
RT: 9.881 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

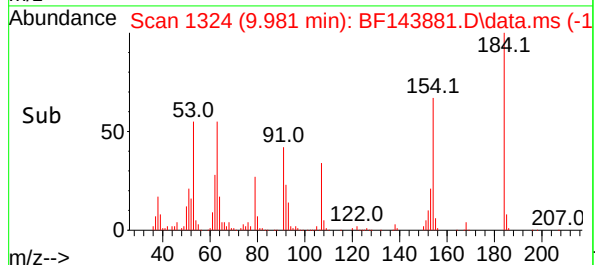
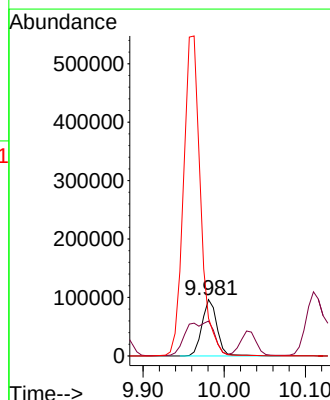
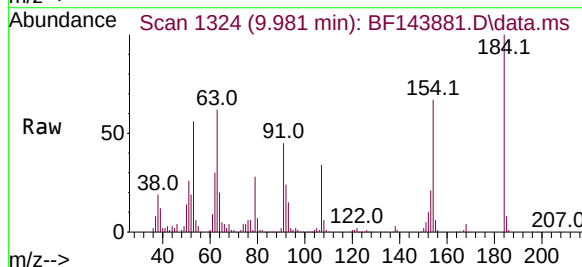
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

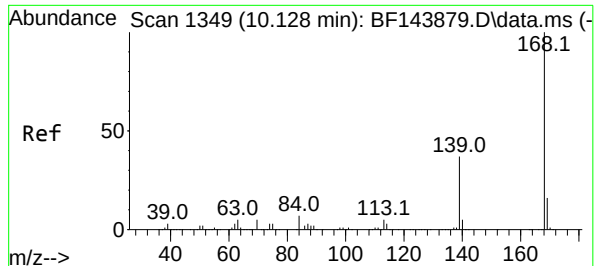
Tgt Ion:138 Resp: 255984
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 116.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 61.138 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:184 Resp: 123295
Ion Ratio Lower Upper
184 100
63 61.8 48.2 72.4
154 66.8 49.2 73.8





#55

Dibenzenofuran

Concen: 54.120 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

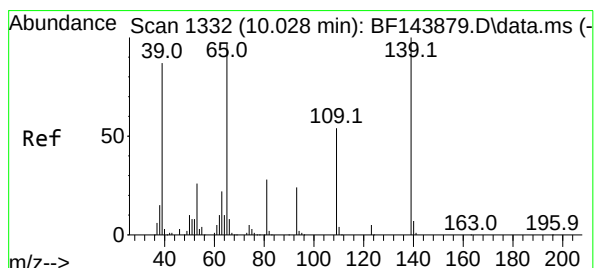
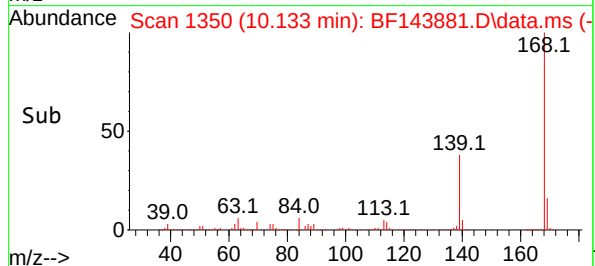
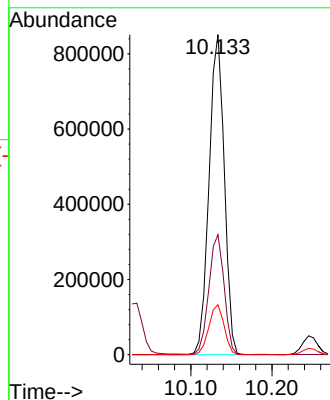
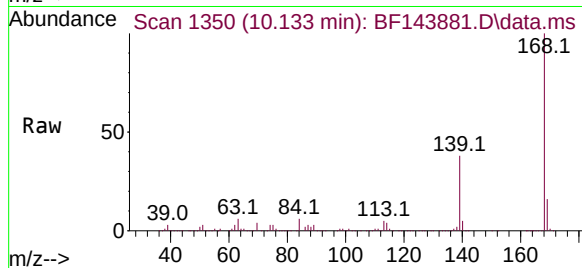
Tgt Ion:168 Resp: 1111183

Ion Ratio Lower Upper

168 100

139 37.5 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 62.550 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

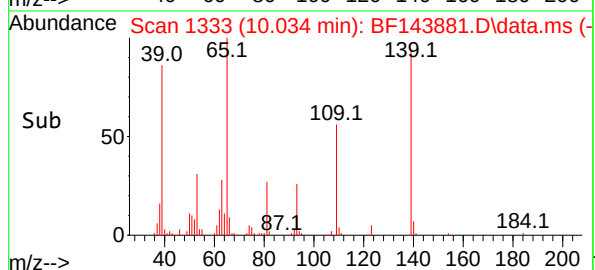
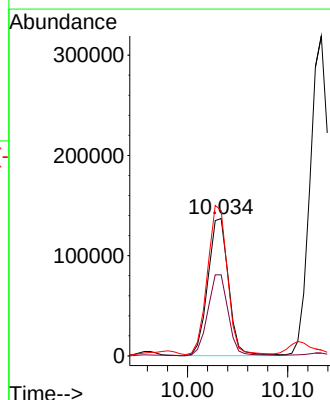
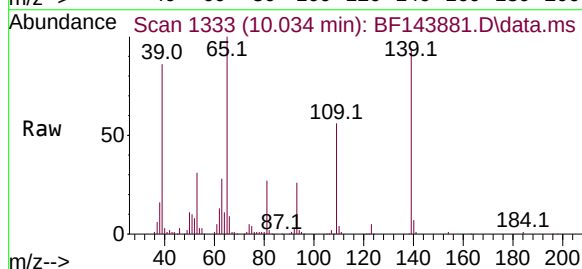
Tgt Ion:139 Resp: 195321

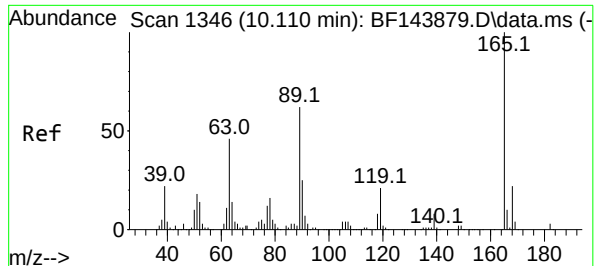
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 105.8 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 64.812 ng

RT: 10.110 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 297018

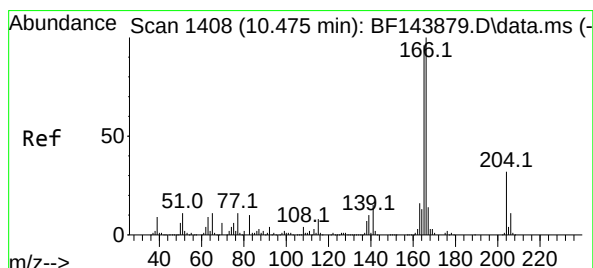
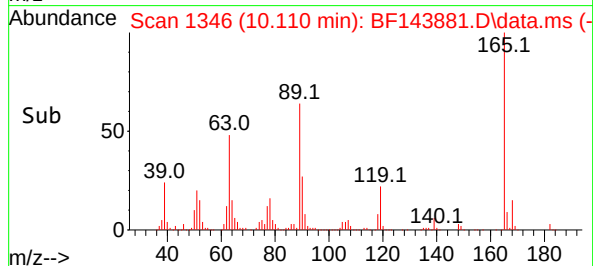
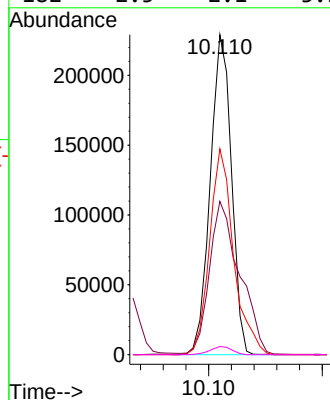
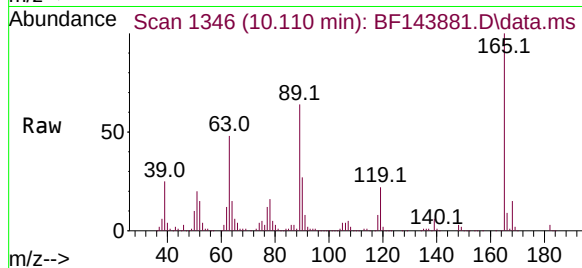
Ion Ratio Lower Upper

165 100

63 47.9 37.2 55.8

89 64.3 49.4 74.2

182 2.5 2.1 3.1



#58

Fluorene

Concen: 51.090 ng

RT: 10.475 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

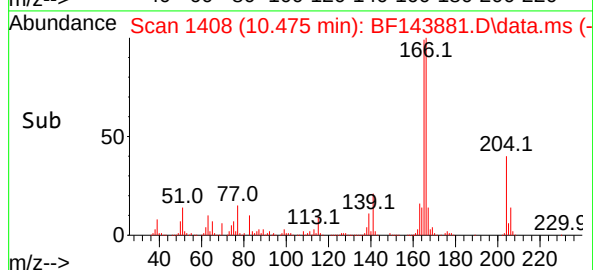
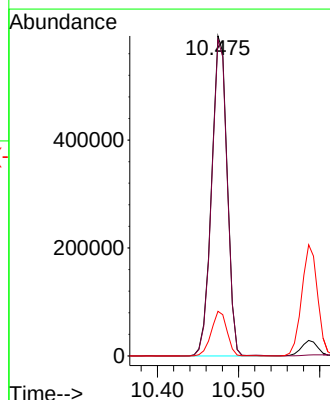
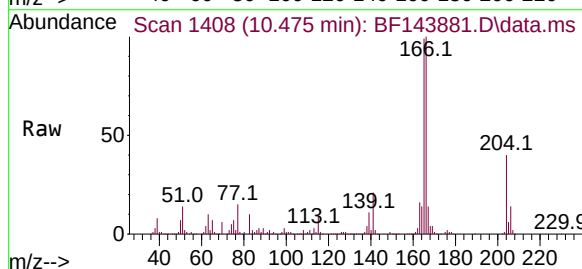
Tgt Ion:166 Resp: 791518

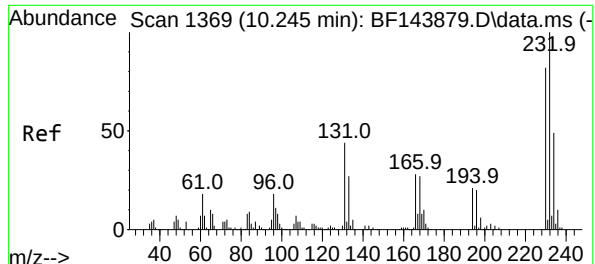
Ion Ratio Lower Upper

166 100

165 98.8 77.0 115.6

167 13.9 11.1 16.7

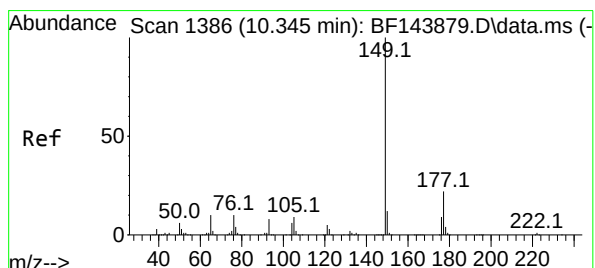
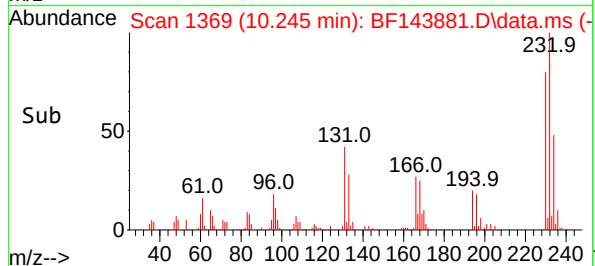
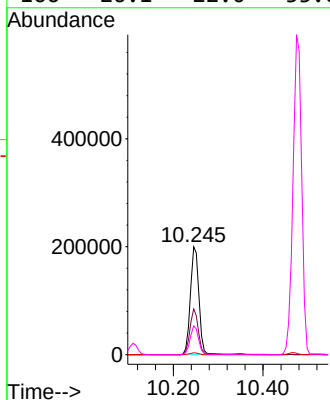
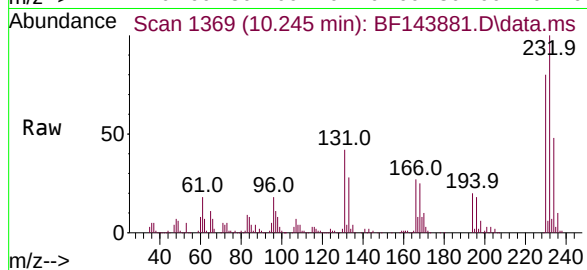




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.283 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

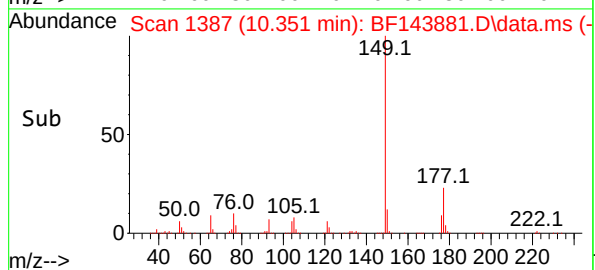
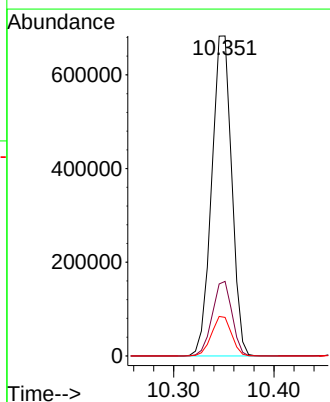
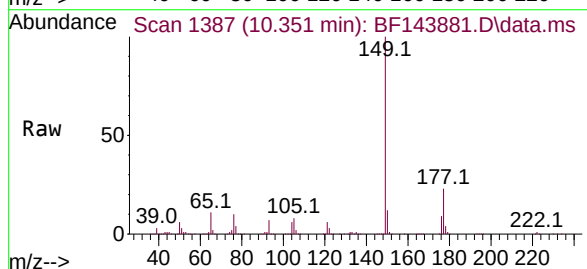
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

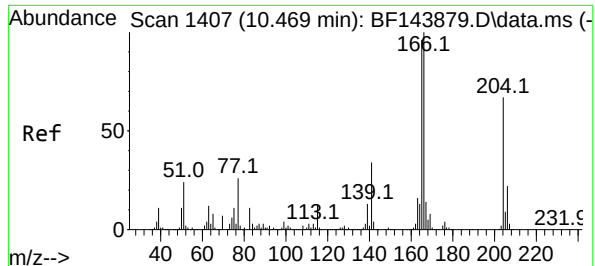
Tgt Ion:232 Resp: 264796
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 1.6 1.6 2.4#
166 26.1 22.0 33.0



#60
Diethylphthalate
Concen: 56.214 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 948580
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.0 9.8 14.8

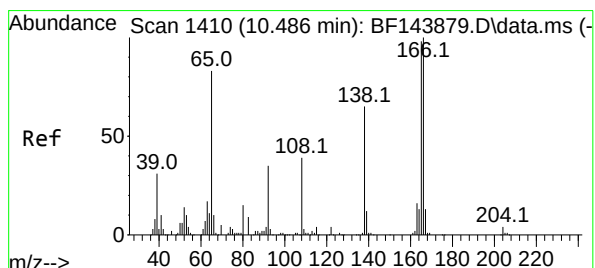
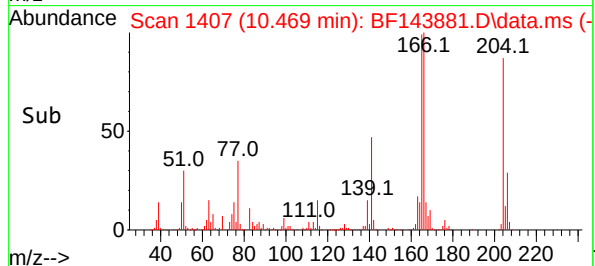
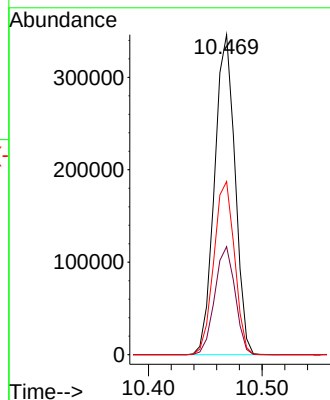
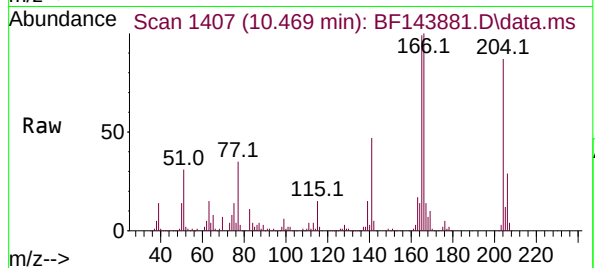




#61
4-Chlorophenyl-phenylether
Concen: 52.905 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

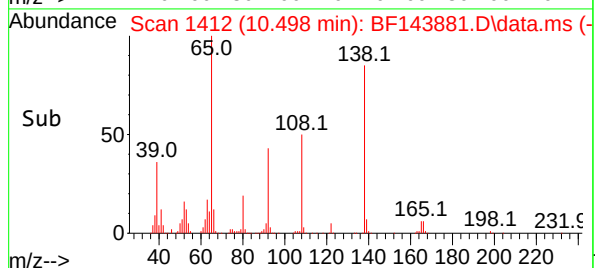
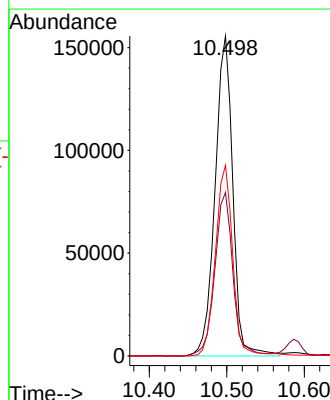
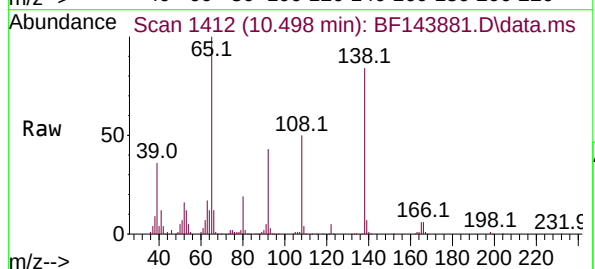
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

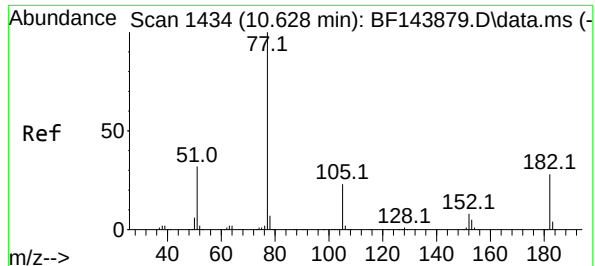
Tgt Ion:204 Resp: 433339
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 54.1 40.4 60.6



#62
4-Nitroaniline
Concen: 62.288 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:138 Resp: 247024
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 59.6 40.2 80.2

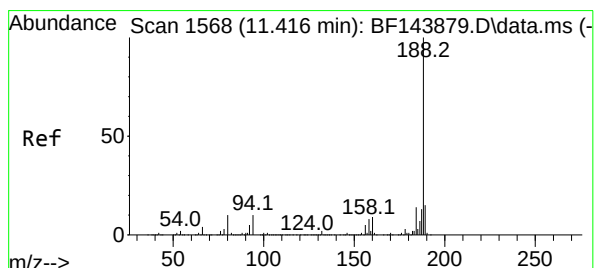
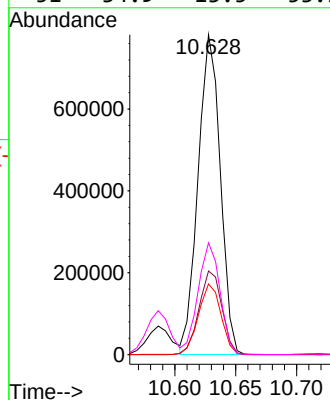
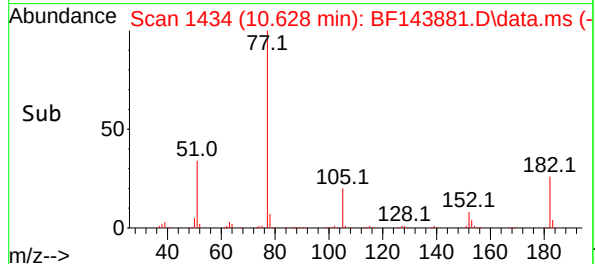
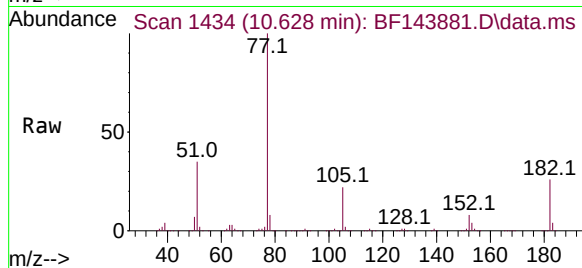




#63
Azobenzene
Concen: 56.252 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

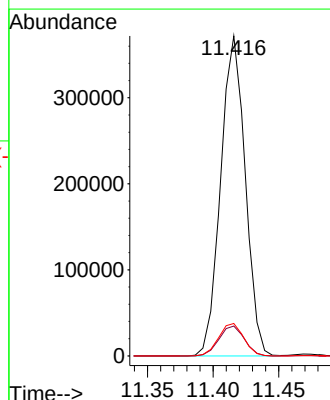
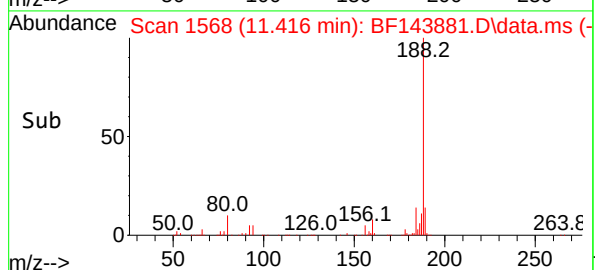
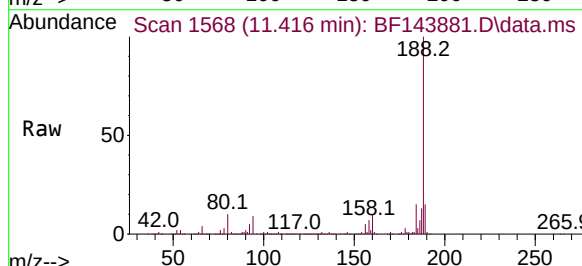
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

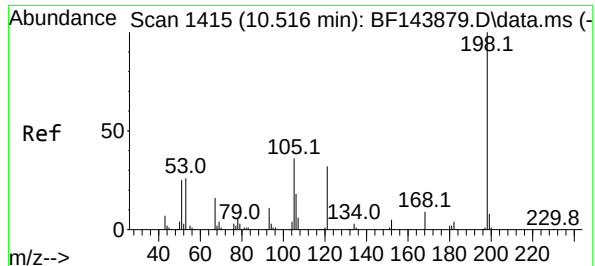
Tgt Ion: 77	Resp: 992054
Ion Ratio	Lower Upper
77	100
182	26.1 7.3 47.3
105	22.1 3.0 43.0
51	34.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 188	Resp: 485489
Ion Ratio	Lower Upper
188	100
94	9.3 7.8 11.6
80	10.1 7.9 11.9

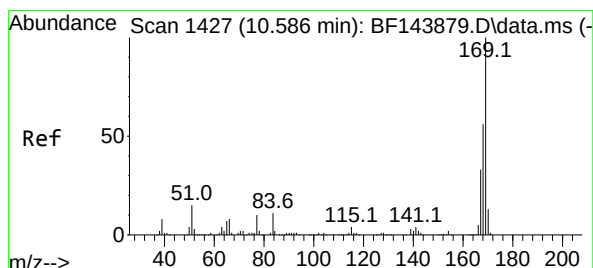
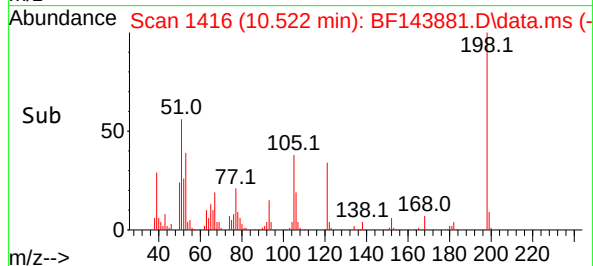
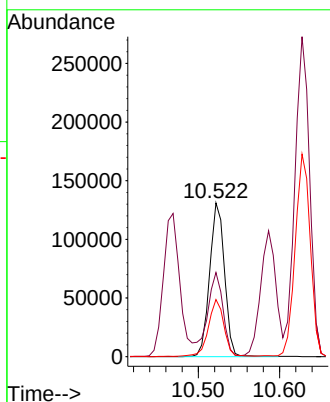
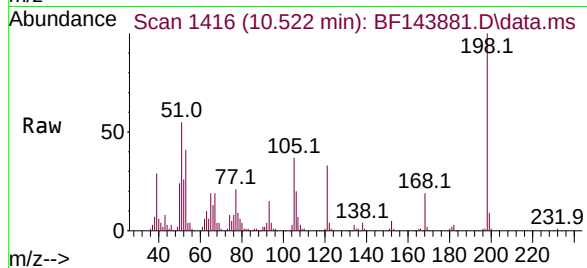




#65
4,6-Dinitro-2-methylphenol
Concen: 68.344 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

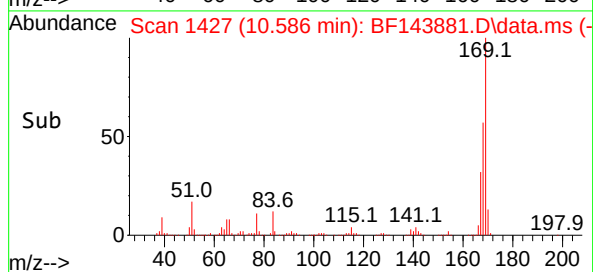
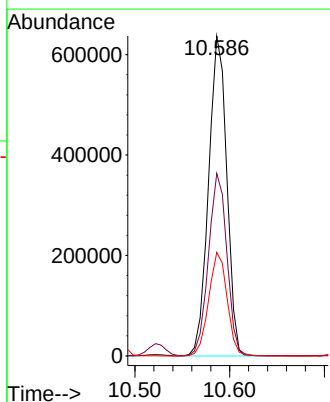
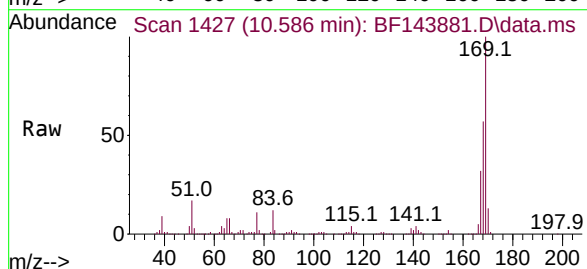
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

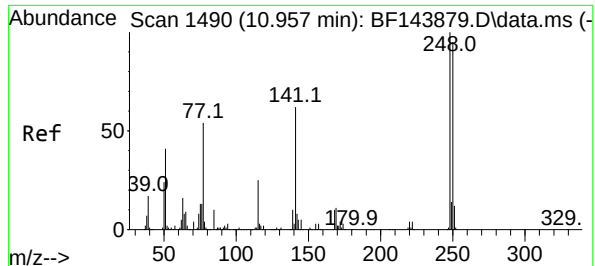
Tgt Ion:198 Resp: 166740
Ion Ratio Lower Upper
198 100
51 54.7 33.8 73.8
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 55.797 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:169 Resp: 850570
Ion Ratio Lower Upper
169 100
168 57.0 44.9 67.3
167 32.3 26.3 39.5

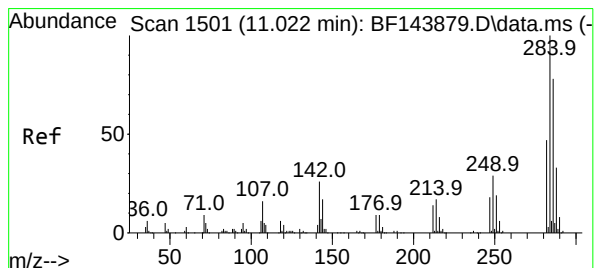
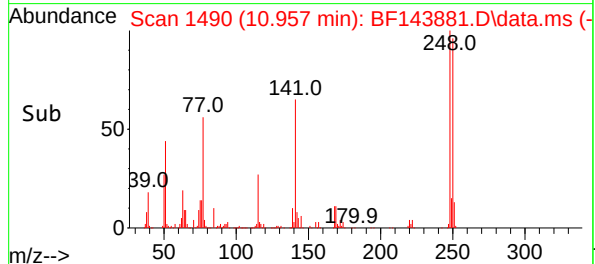
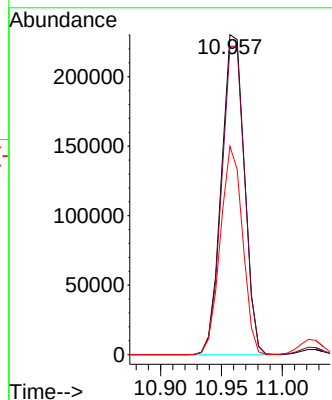
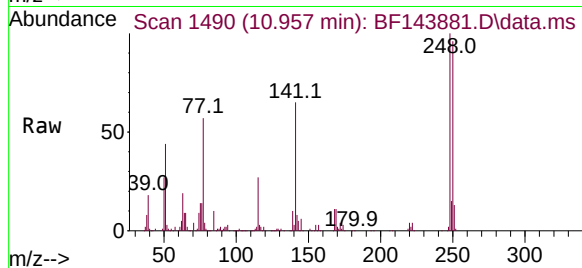




#67
4-Bromophenyl-phenylether
Concen: 56.317 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

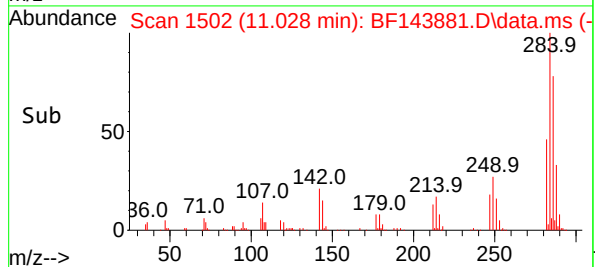
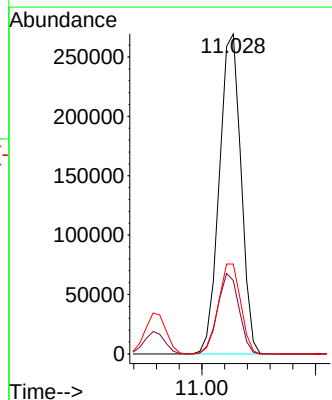
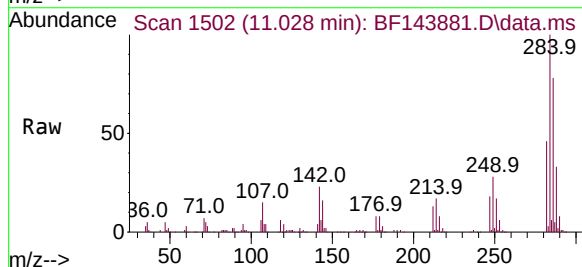
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

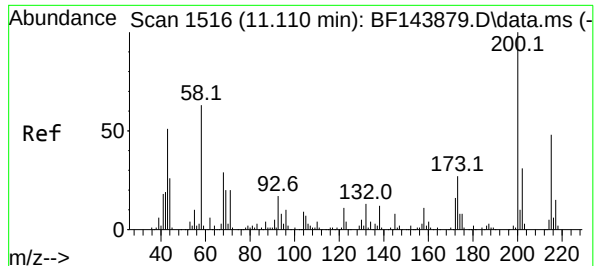
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.3	114.5
141	65.1	49.7	74.5



#68
Hexachlorobenzene
Concen: 57.378 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	20.6	30.8
249	28.1	23.2	34.8





#69

Atrazine

Concen: 55.713 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

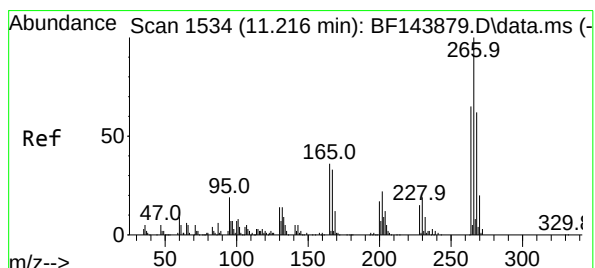
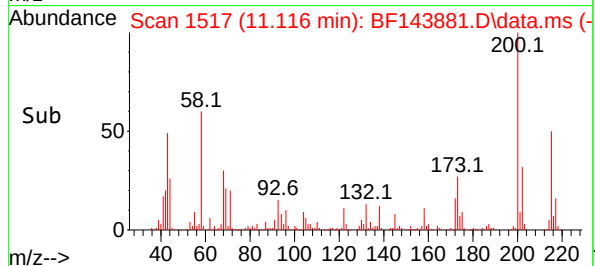
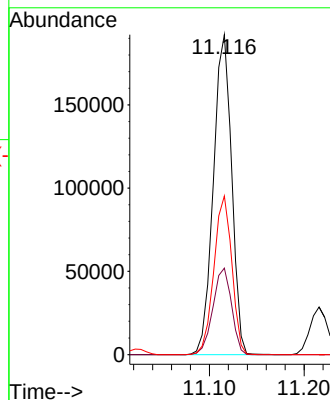
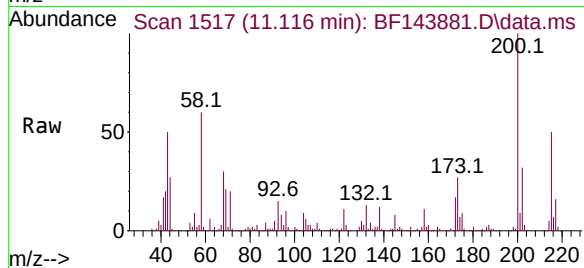
Tgt Ion:200 Resp: 257412

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 49.6 27.8 67.8



#70

Pentachlorophenol

Concen: 62.792 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

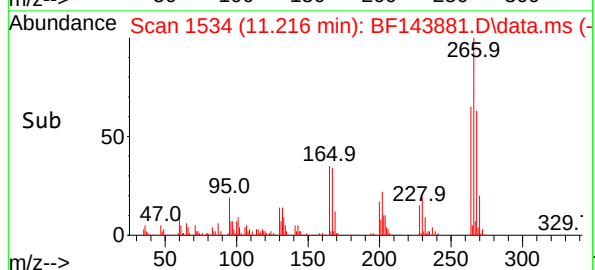
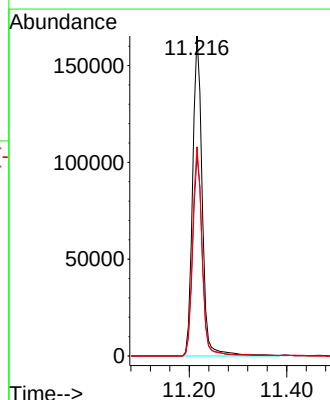
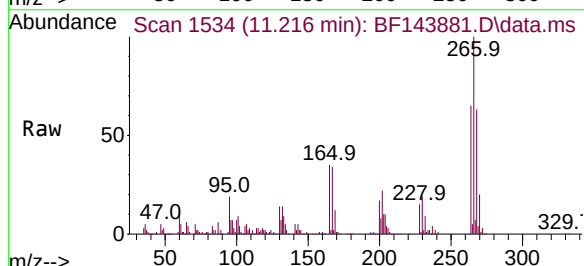
Tgt Ion:266 Resp: 224011

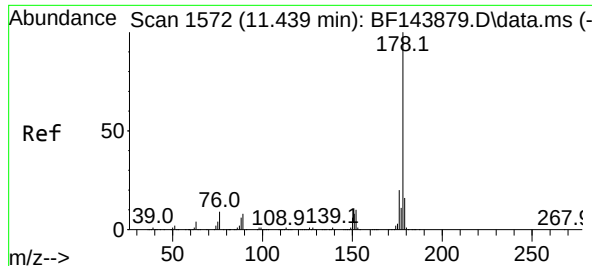
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

264 65.3 51.8 77.6





#71

Phenanthrene

Concen: 53.961 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

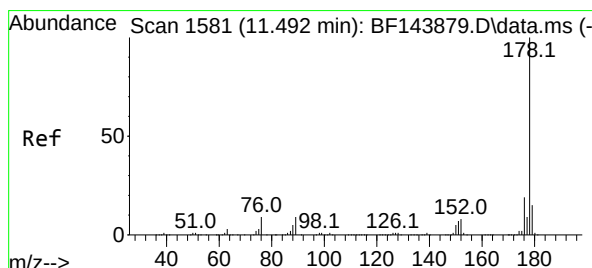
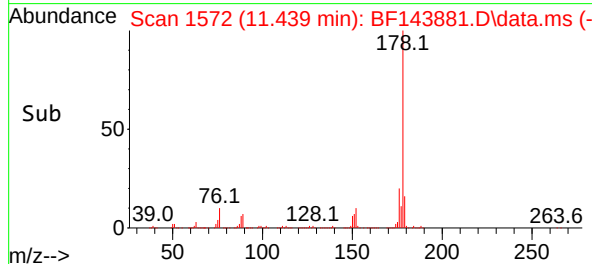
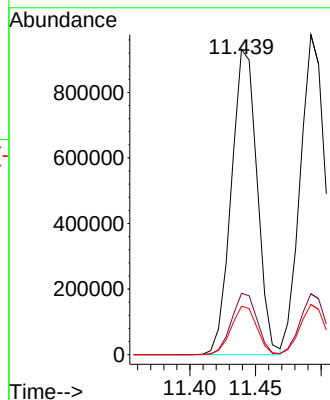
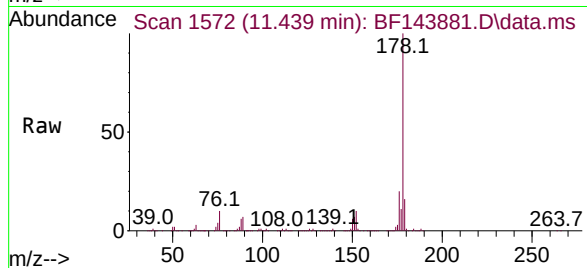
Tgt Ion:178 Resp: 1270063

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.9 12.4 18.6



#72

Anthracene

Concen: 53.956 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

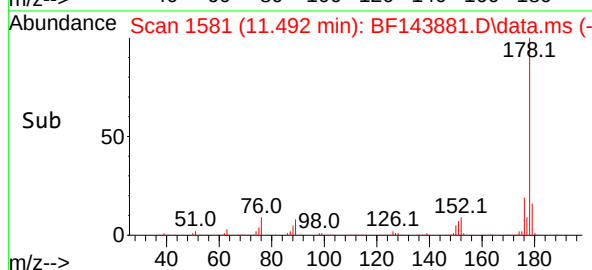
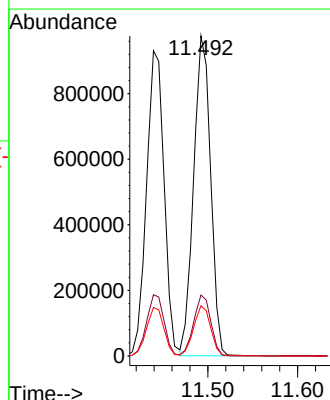
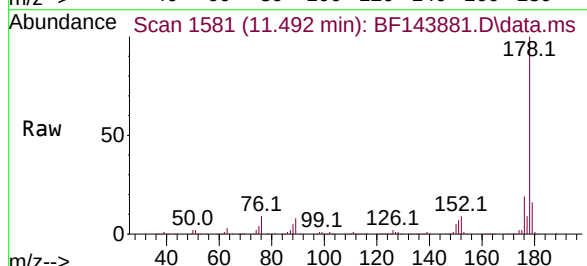
Tgt Ion:178 Resp: 1282940

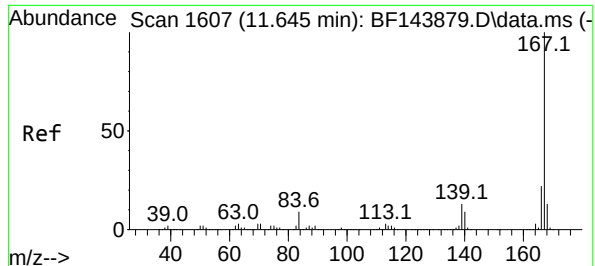
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.7 12.2 18.2

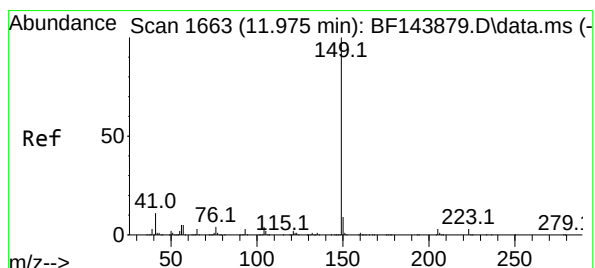
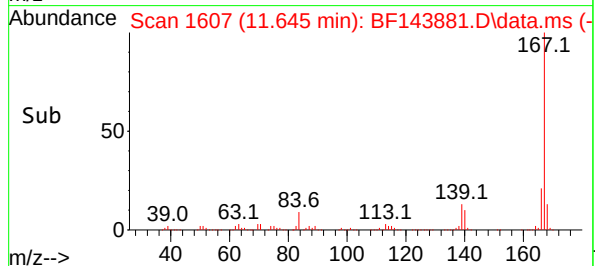
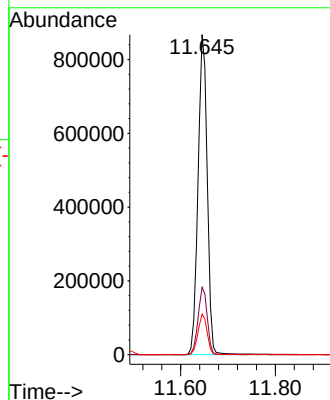
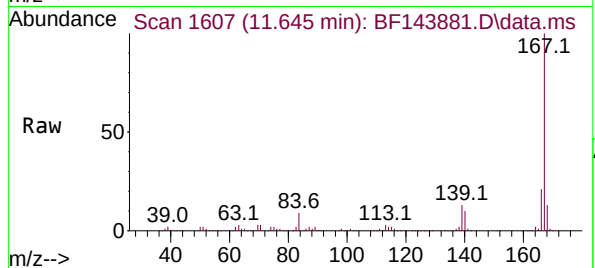




#73
Carbazole
Concen: 55.592 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

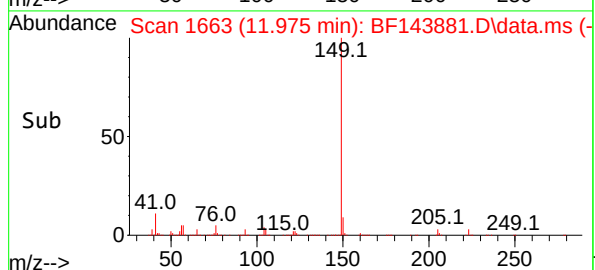
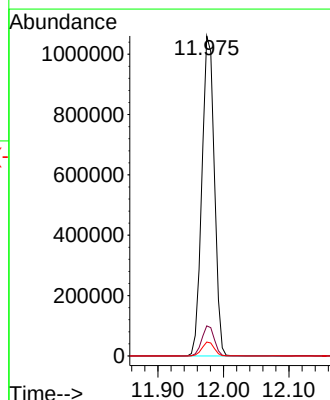
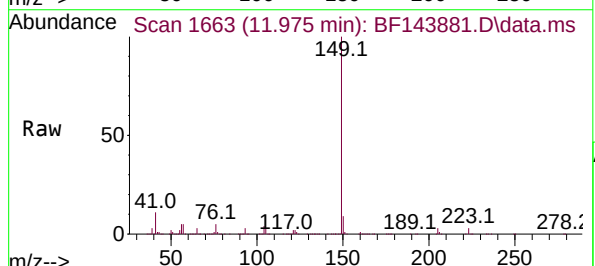
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

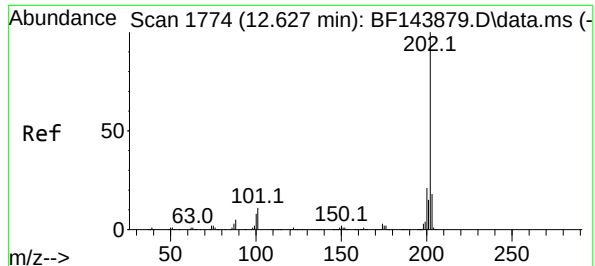
Tgt Ion:167 Resp: 1170717
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.6 10.1 15.1



#74
Di-n-butylphthalate
Concen: 56.934 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 1389569
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.3 3.4 5.2

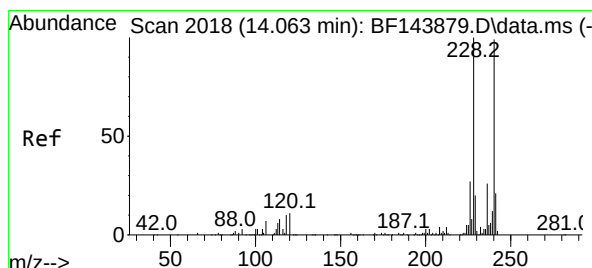
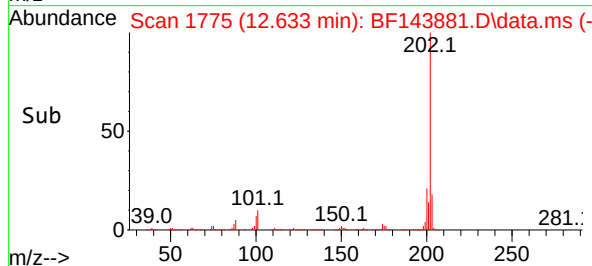
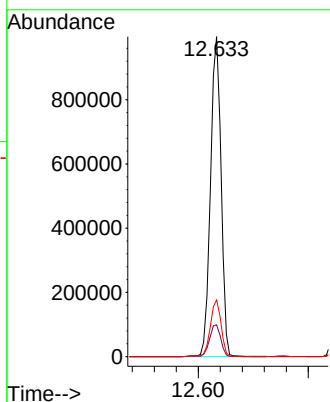
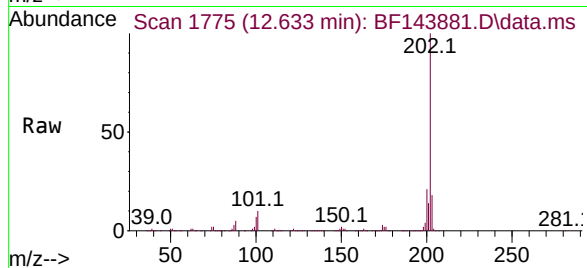




#75
Fluoranthene
Concen: 54.530 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

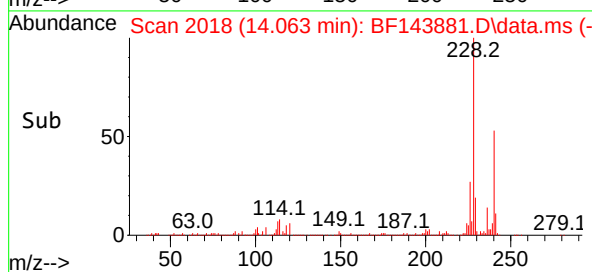
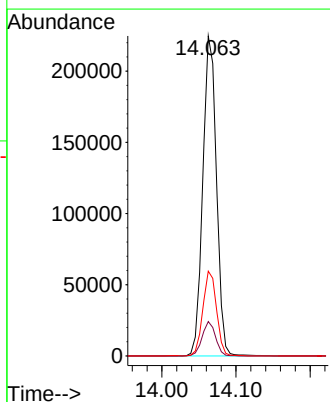
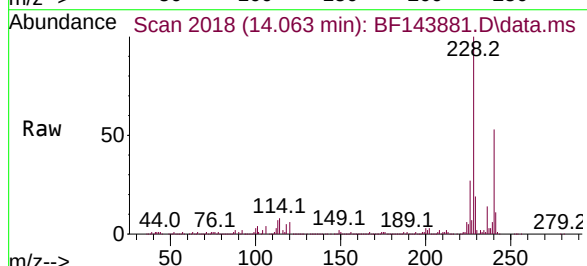
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

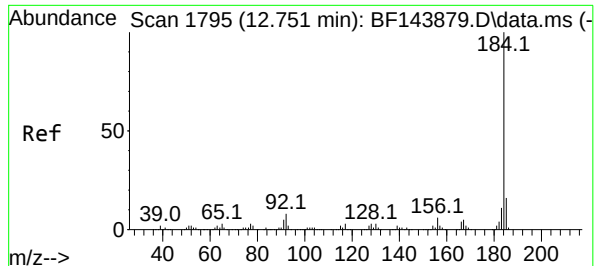
Tgt Ion:202 Resp: 1325716
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:240 Resp: 287097
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 26.5 21.1 31.7





#77

Benzidine

Concen: 55.312 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

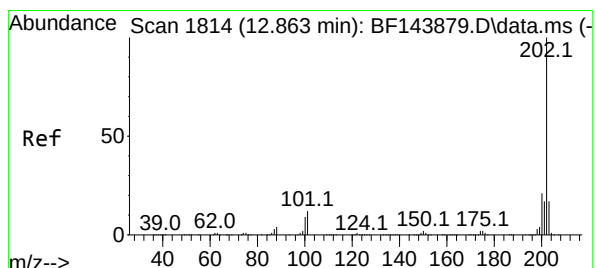
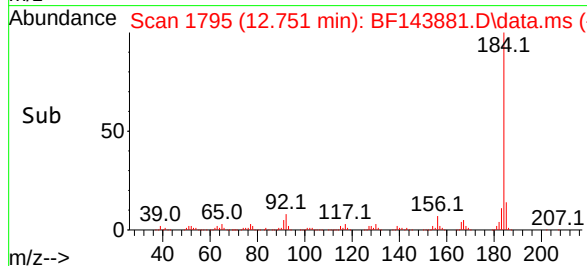
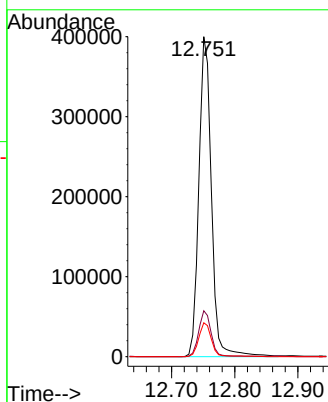
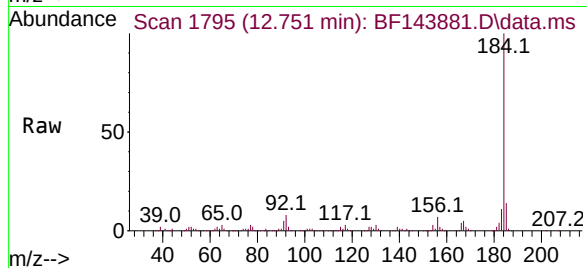
Tgt Ion:184 Resp: 551394

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 10.6 8.8 13.2



#78

Pyrene

Concen: 56.800 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

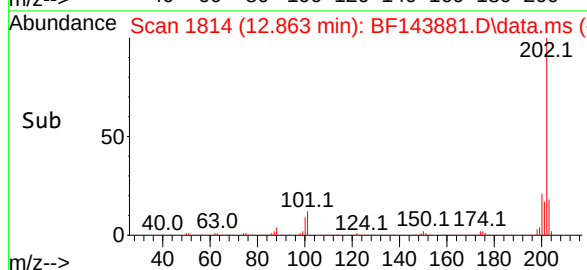
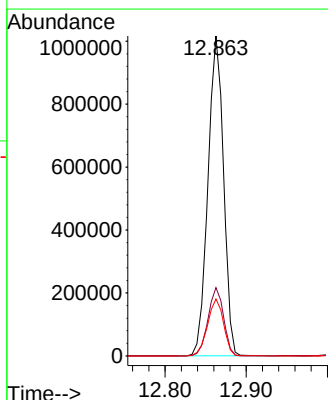
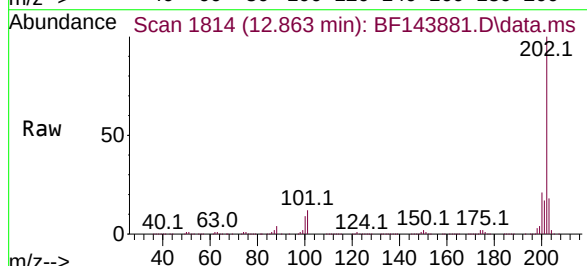
Tgt Ion:202 Resp: 1359513

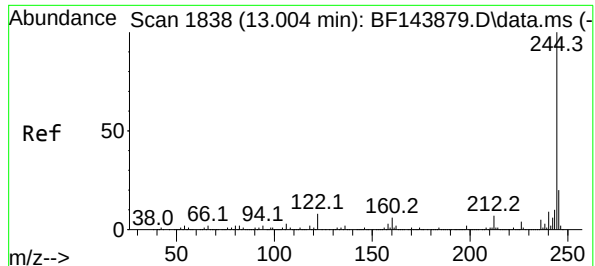
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 110.799 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

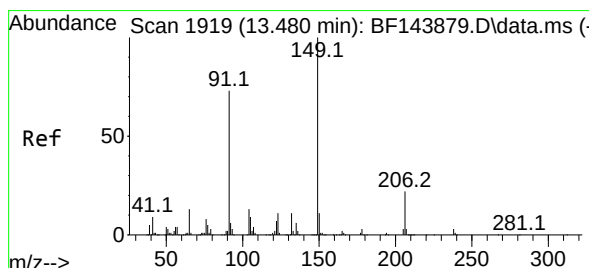
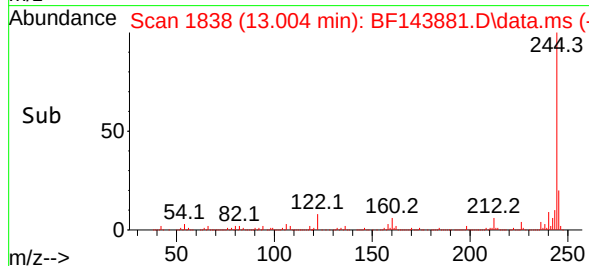
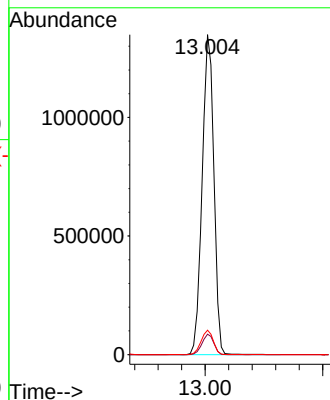
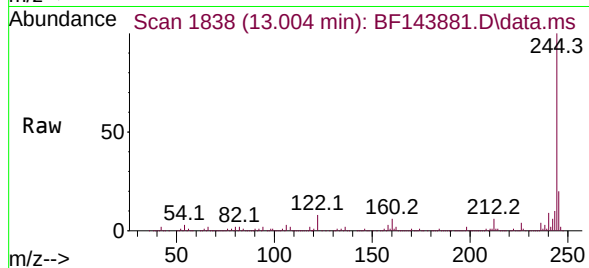
Tgt Ion:244 Resp: 1861234

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 7.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 61.293 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

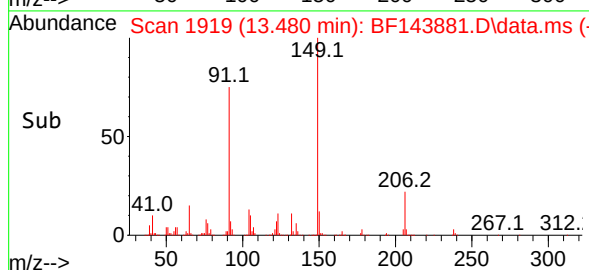
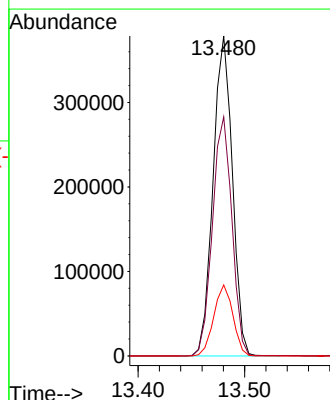
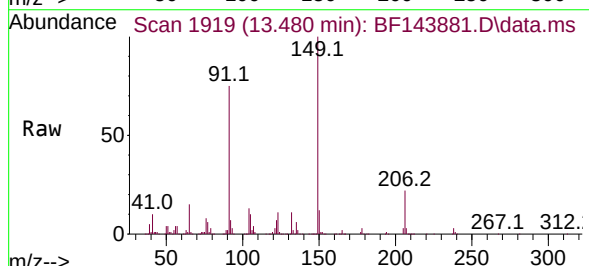
Tgt Ion:149 Resp: 476448

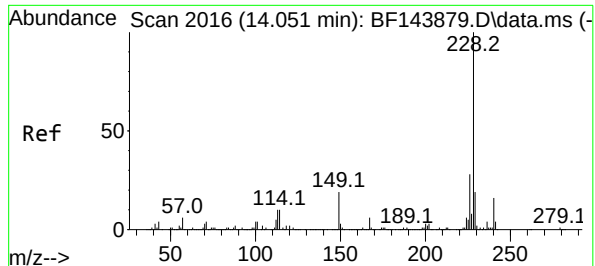
Ion Ratio Lower Upper

149 100

91 74.7 58.2 87.2

206 22.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 59.168 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

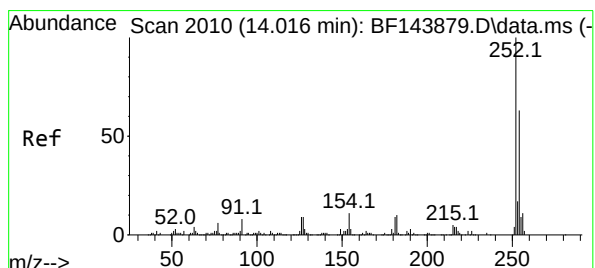
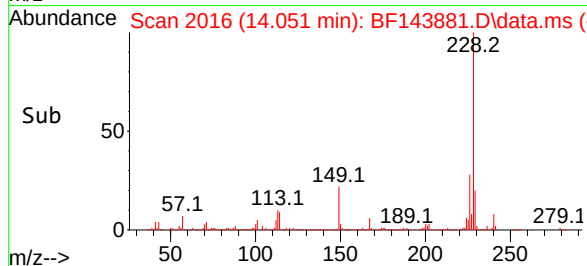
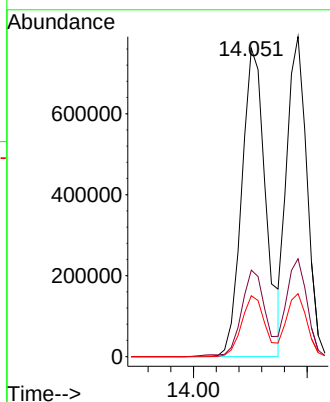
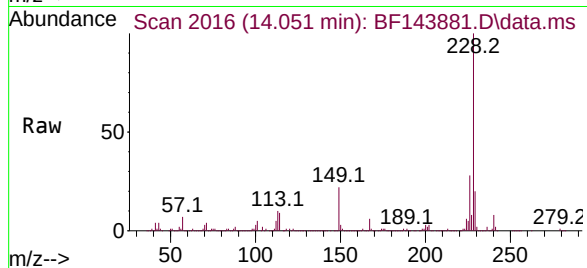
Tgt Ion:228 Resp: 1111626

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.2

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 60.756 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

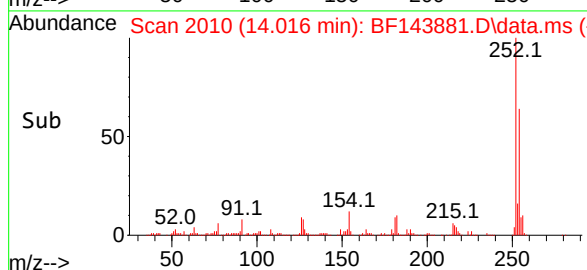
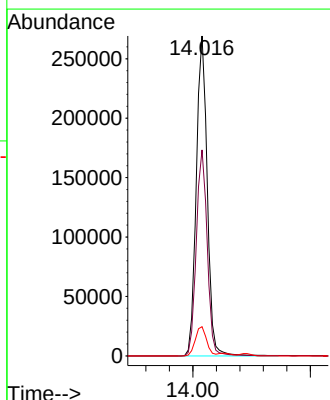
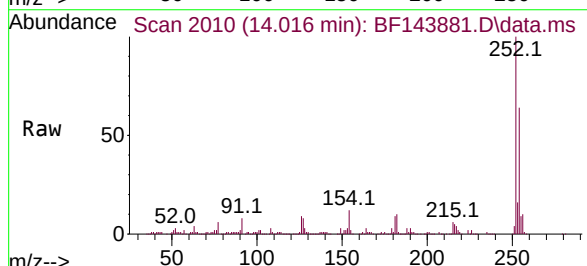
Tgt Ion:252 Resp: 347863

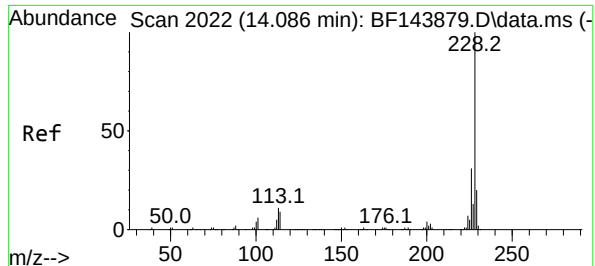
Ion Ratio Lower Upper

252 100

254 64.4 50.6 76.0

126 9.1 7.0 10.6





#83

Chrysene

Concen: 55.770 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

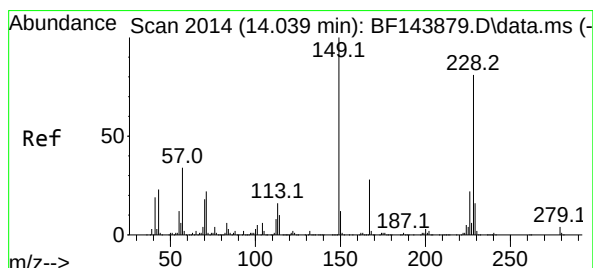
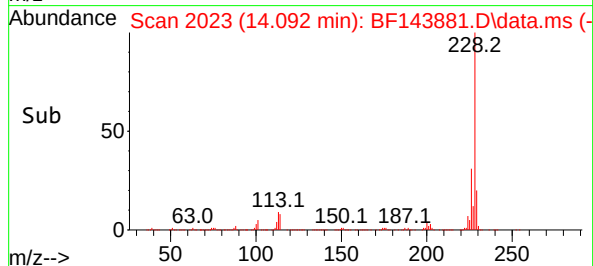
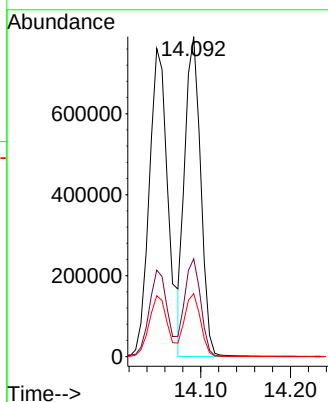
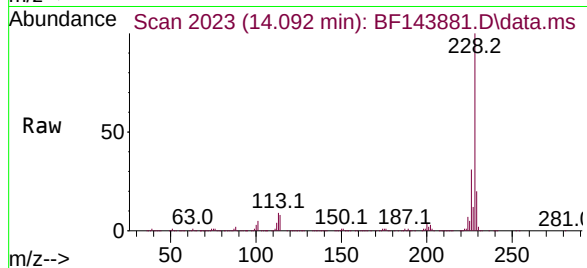
Tgt Ion:228 Resp: 969765

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.804 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

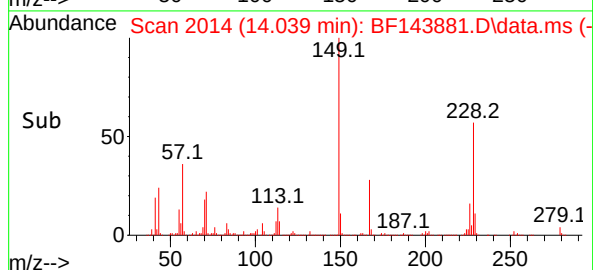
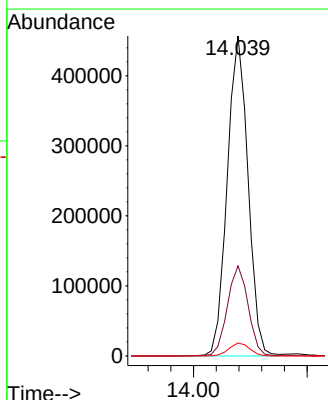
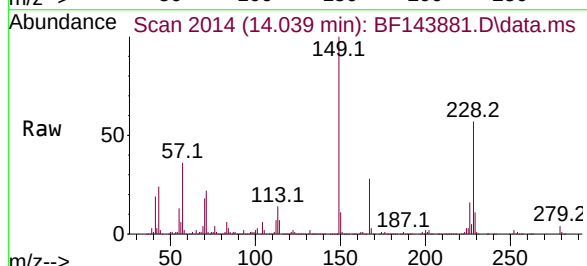
Tgt Ion:149 Resp: 579121

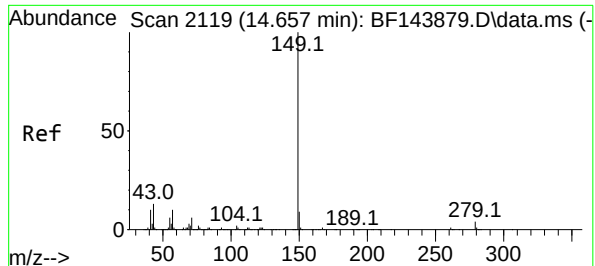
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 4.0 3.1 4.7

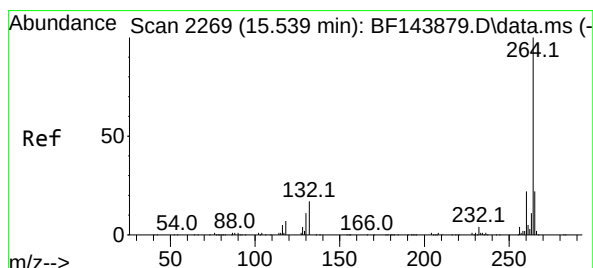
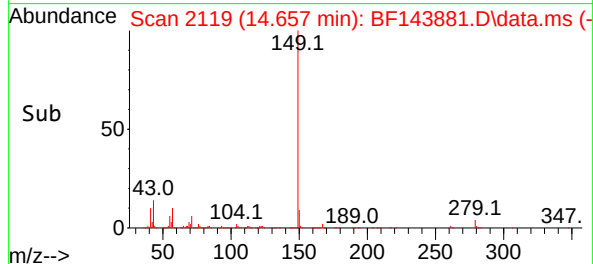
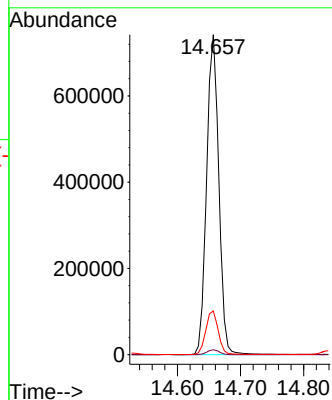
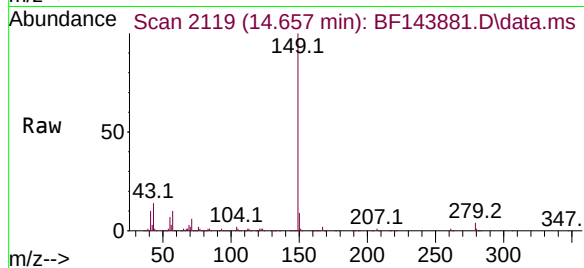




#85
Di-n-octyl phthalate
Concen: 64.431 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

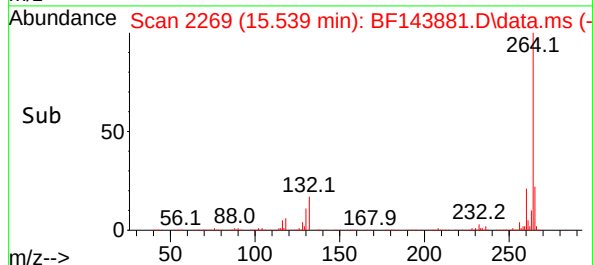
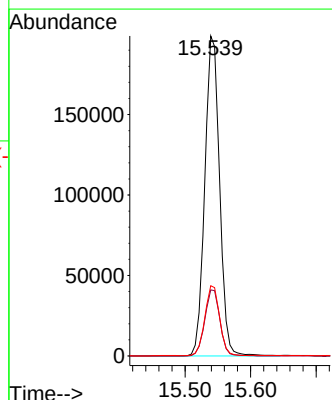
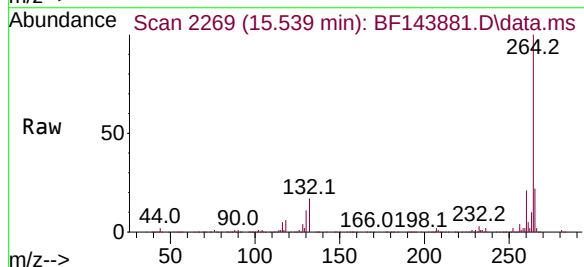
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

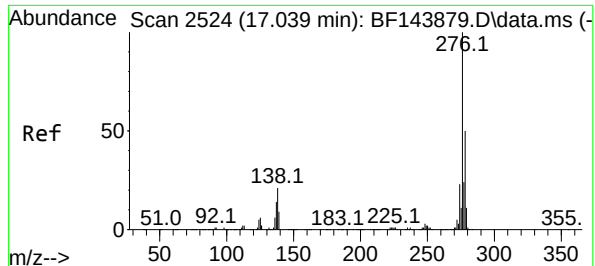
Tgt Ion:149 Resp: 991597
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.0 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:264 Resp: 309882
Ion Ratio Lower Upper
264 100
260 20.6 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.815 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

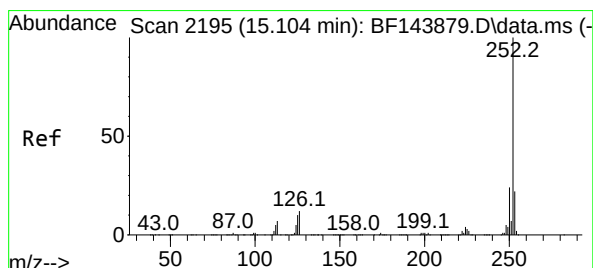
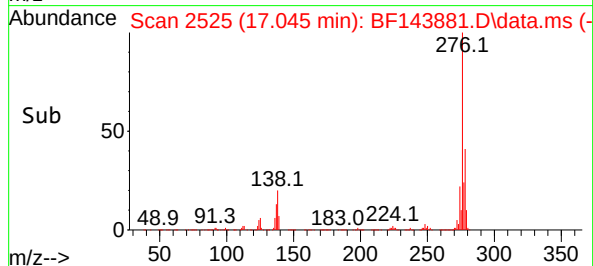
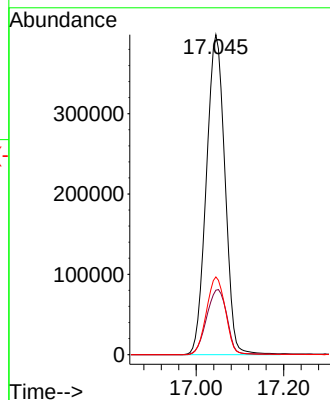
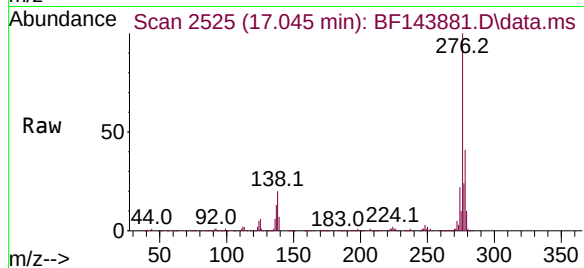
Tgt Ion:276 Resp: 1173726

Ion Ratio Lower Upper

276 100

138 22.3 18.2 27.2

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 62.778 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

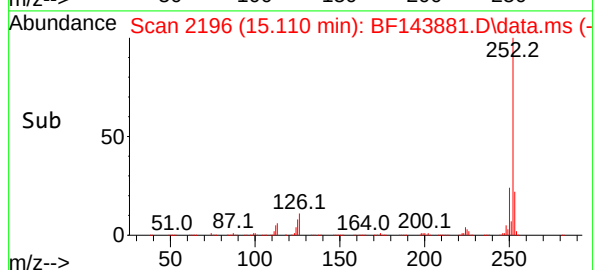
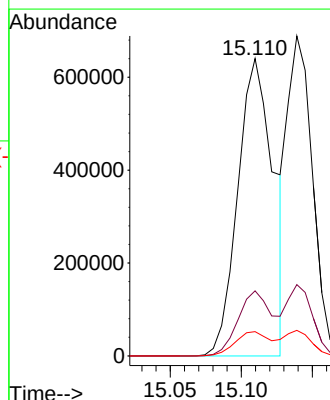
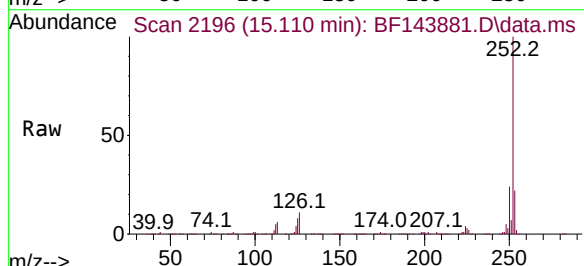
Tgt Ion:252 Resp: 1117484

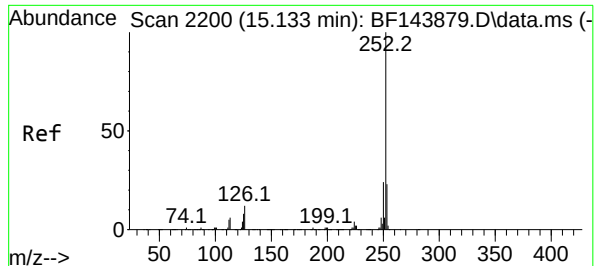
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 51.969 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

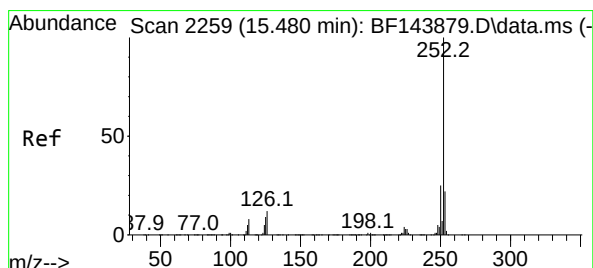
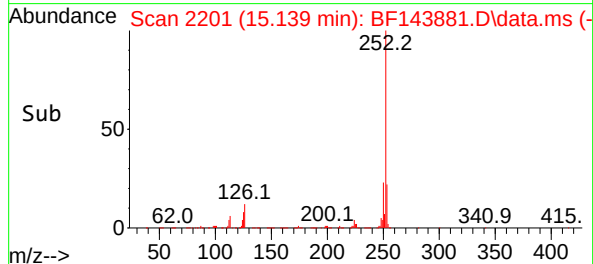
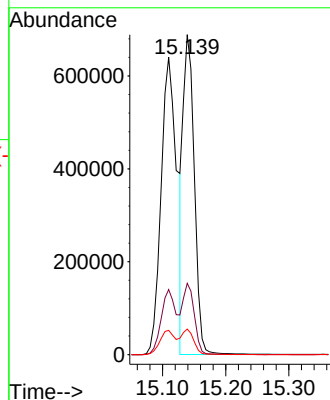
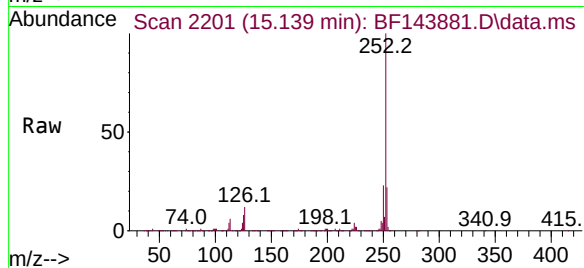
Tgt Ion:252 Resp: 855988

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 8.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 58.412 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

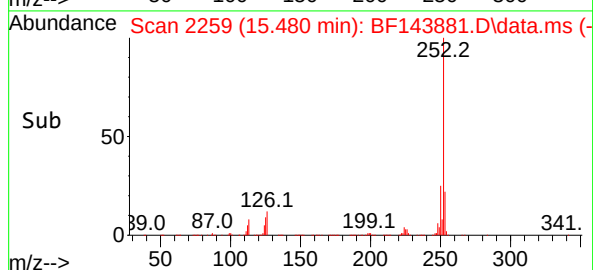
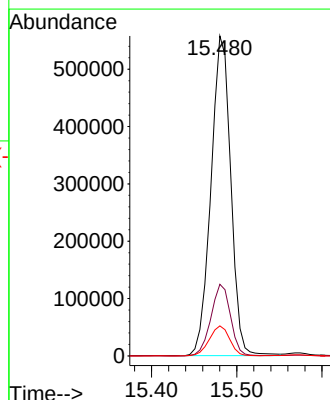
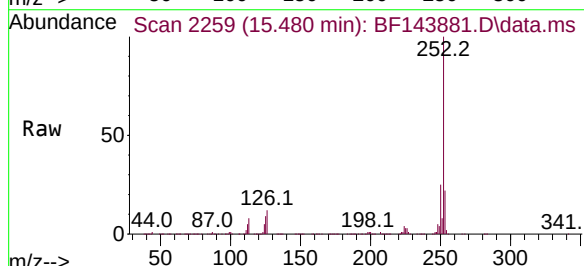
Tgt Ion:252 Resp: 901585

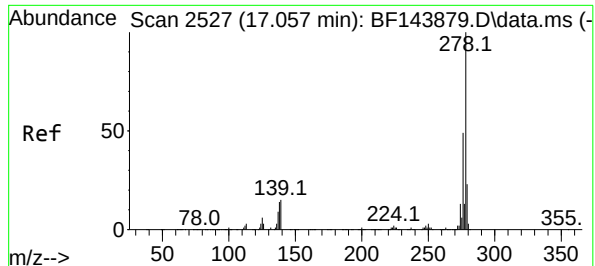
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 9.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 61.291 ng

RT: 17.062 min Scan# 2527

Delta R.T. -0.017 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

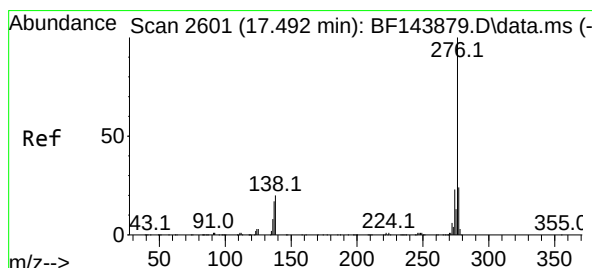
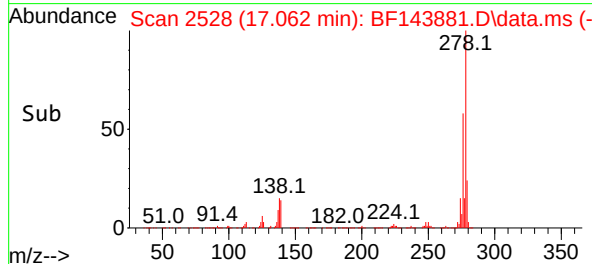
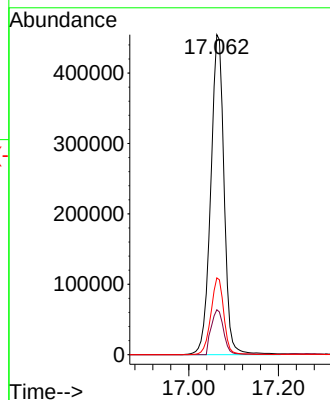
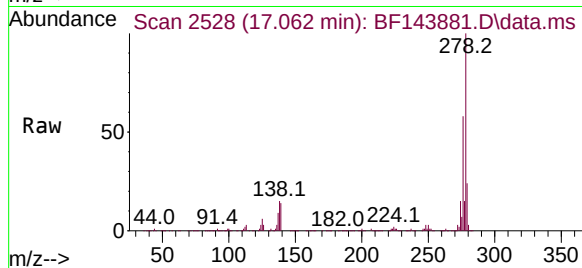
Tgt Ion:278 Resp: 935987

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

279 24.0 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 61.976 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

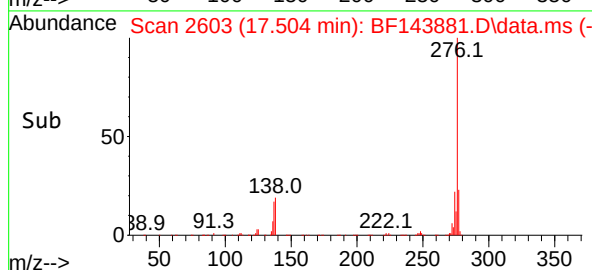
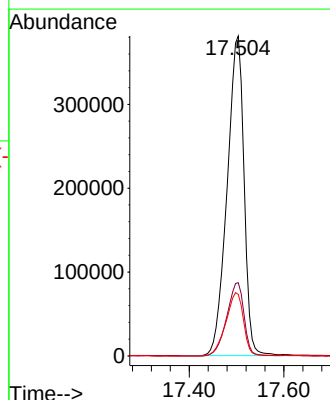
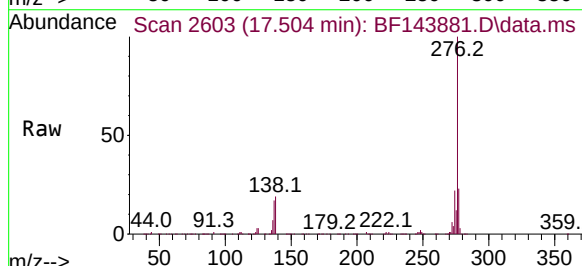
Tgt Ion:276 Resp: 946452

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.6

138 19.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143882.D
 Acq On : 06 Oct 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	153550	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584564	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	320335	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	540366	20.000	ng	0.00
76) Chrysene-d12	14.068	240	302500	20.000	ng	0.00
86) Perylene-d12	15.545	264	357911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1325806	137.113	ng	0.00
7) Phenol-d6	6.516	99	1617892	140.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	1436124	149.259	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	495811	155.397	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.010	244	2382437	134.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	334123	74.672	ng	98
3) Pyridine	3.416	79	1009551	77.503	ng	99
4) n-Nitrosodimethylamine	3.387	42	552664	80.653	ng	96
6) Aniline	6.551	93	1226438	71.012	ng	94
8) 2-Chlorophenol	6.669	128	683900	72.356	ng	100
9) Benzaldehyde	6.439	77	546849	61.507	ng	99
10) Phenol	6.534	94	976173	70.844	ng	83
11) bis(2-Chloroethyl)ether	6.628	93	760388	71.438	ng	98
12) 1,3-Dichlorobenzene	6.828	146	746378	65.969	ng	98
13) 1,4-Dichlorobenzene	6.904	146	727973	65.228	ng	100
14) 1,2-Dichlorobenzene	7.057	146	708144	66.244	ng	99
15) Benzyl Alcohol	7.034	79	664305	76.926	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1670583	68.951	ng	97
17) 2-Methylphenol	7.134	107	569618	72.921	ng	98
18) Hexachloroethane	7.398	117	256173	68.827	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	559967	70.978	ng	99
20) 3+4-Methylphenols	7.298	107	573027	63.295	ng	# 78
22) Acetophenone	7.304	105	795315	64.345	ng	# 92
24) Nitrobenzene	7.475	77	800306	74.900	ng	98
25) Isophorone	7.722	82	1534787	75.651	ng	98
26) 2-Nitrophenol	7.786	139	389145	84.948	ng	98
27) 2,4-Dimethylphenol	7.822	122	616626	74.828	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	888473	69.328	ng	99
29) 2,4-Dichlorophenol	8.028	162	620755	72.318	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	583022	69.063	ng	99
31) Naphthalene	8.192	128	1710914	64.341	ng	99
32) Benzoic acid	7.963	122	539440m	94.587	ng	
33) 4-Chloroaniline	8.239	127	697350	69.923	ng	98
34) Hexachlorobutadiene	8.310	225	404619	68.974	ng	98
35) Caprolactam	8.645	113	218801	80.169	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	598614	72.601	ng	98
37) 2-Methylnaphthalene	8.886	142	1138146	64.254	ng	99
38) 1-Methylnaphthalene	8.986	142	1087879	63.318	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	594660	67.166	ng	98
41) Hexachlorocyclopentadiene	9.033	237	301178	81.998	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	481852	74.487	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

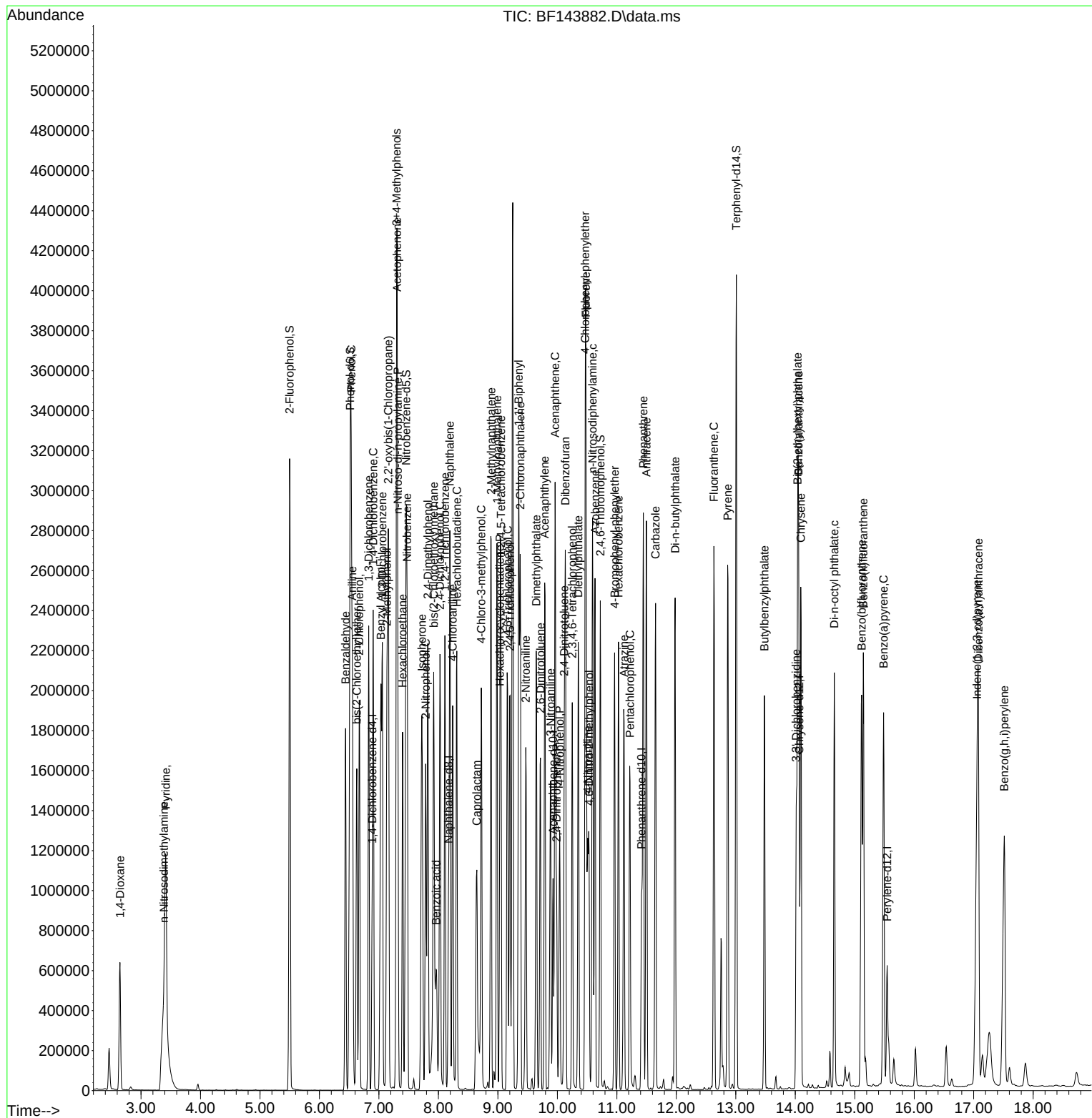
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487322	71.286	ng	99
46) 1,1'-Biphenyl	9.351	154	1344805	63.407	ng	98
47) 2-Chloronaphthalene	9.375	162	1170019	66.165	ng	98
48) 2-Nitroaniline	9.469	65	445537	79.693	ng	99
49) Acenaphthylene	9.786	152	1644728	66.159	ng	100
50) Dimethylphthalate	9.645	163	1415482	69.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	303176	80.372	ng	97
52) Acenaphthene	9.963	154	1085733	66.651	ng	99
53) 3-Nitroaniline	9.886	138	365960	79.233	ng	98
54) 2,4-Dinitrophenol	9.986	184	187560	80.556	ng	97
55) Dibenzofuran	10.133	168	1471622	63.998	ng	98
56) 4-Nitrophenol	10.039	139	294937	84.335	ng	95
57) 2,4-Dinitrotoluene	10.116	165	409463	79.779	ng	94
58) Fluorene	10.480	166	1069764	61.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368599	76.170	ng	98
60) Diethylphthalate	10.351	149	1267085	67.047	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	572035	62.357	ng	96
62) 4-Nitroaniline	10.510	138	351634	79.169	ng	98
63) Azobenzene	10.633	77	1351920	68.446	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	236863	87.227	ng	99
66) n-Nitrosodiphenylamine	10.592	169	1139482	67.159	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	423148	70.857	ng	98
68) Hexachlorobenzene	11.027	284	498602	72.118	ng	97
69) Atrazine	11.121	200	347749	67.621	ng	99
70) Pentachlorophenol	11.221	266	318486	80.208	ng	99
71) Phenanthrene	11.445	178	1676081	63.980	ng	99
72) Anthracene	11.498	178	1688865	63.814	ng	99
73) Carbazole	11.651	167	1519615	64.832	ng	100
74) Di-n-butylphthalate	11.980	149	1793855	66.034	ng	100
75) Fluoranthene	12.633	202	1706368	63.059	ng	99
78) Pyrene	12.863	202	1718085	68.126	ng	99
80) Butylbenzylphthalate	13.480	149	633516	77.349	ng	97
81) Benzo(a)anthracene	14.057	228	1449801	73.238	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	461359	76.476	ng	98
83) Chrysene	14.092	228	1349286	73.645	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	749327	75.897	ng	100
85) Di-n-octyl phthalate	14.657	149	1370760	84.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	1786876	81.478	ng	99
88) Benzo(b)fluoranthene	15.115	252	1431875	69.645	ng	98
89) Benzo(k)fluoranthene	15.145	252	1362026	71.595	ng	98
90) Benzo(a)pyrene	15.486	252	1321893	74.151	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1391562	78.895	ng	97
92) Benzo(g,h,i)perylene	17.515	276	1451721	82.305	ng	98

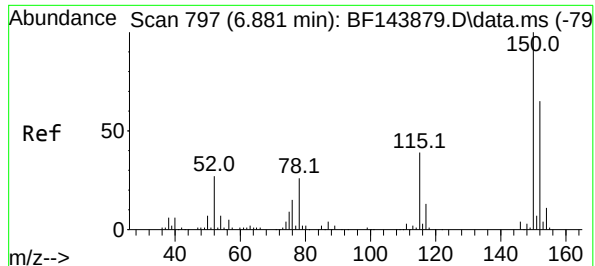
(#)= qualifier out of range (m)= manual integration (+)= signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025





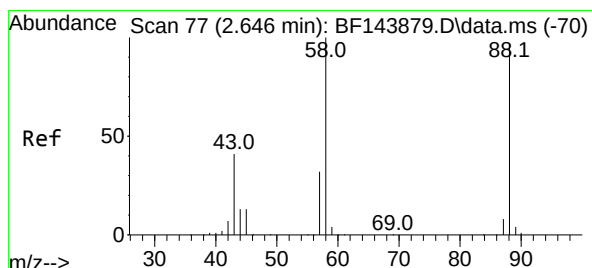
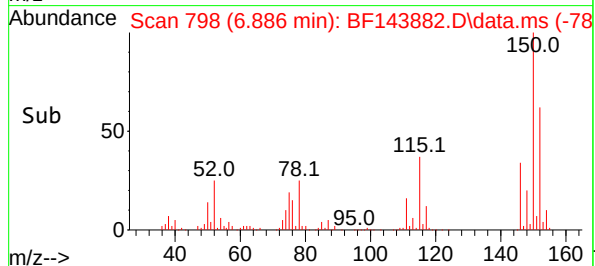
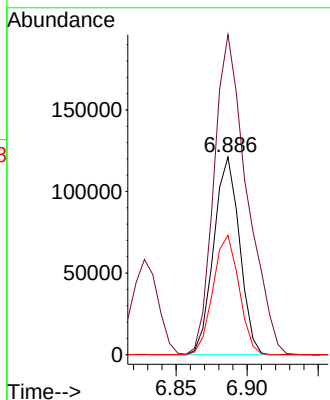
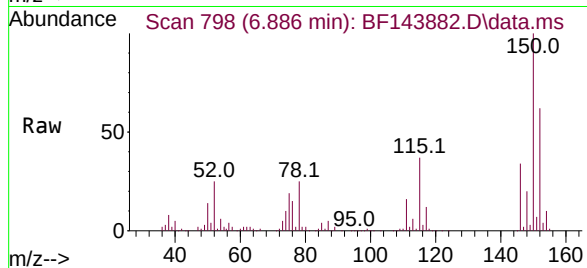
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 153550
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 60.3 48.1 72.1

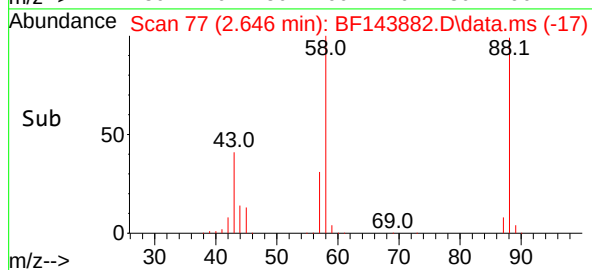
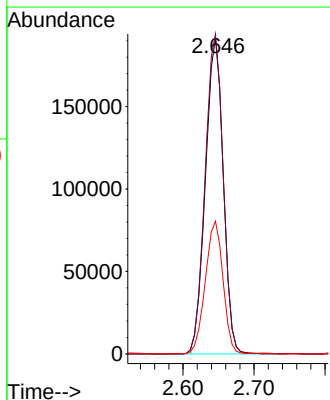
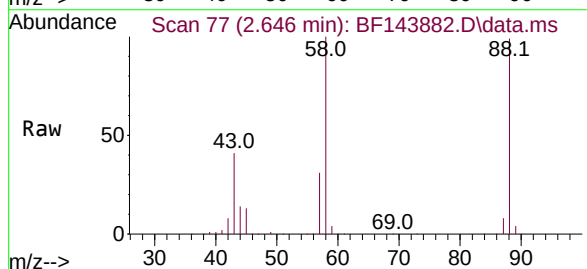
Manual Integrations
APPROVED

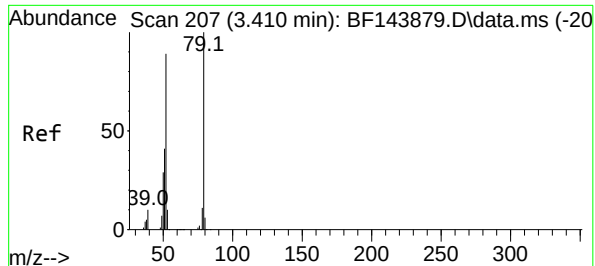
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 74.672 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

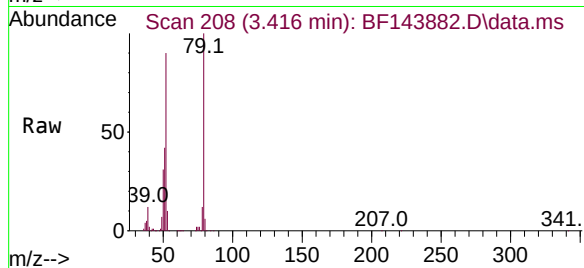
Tgt Ion: 88 Resp: 334123
Ion Ratio Lower Upper
88 100
58 102.1 83.0 124.6
43 41.3 33.9 50.9





#3
Pyridine
Concen: 77.503 ng
RT: 3.416 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

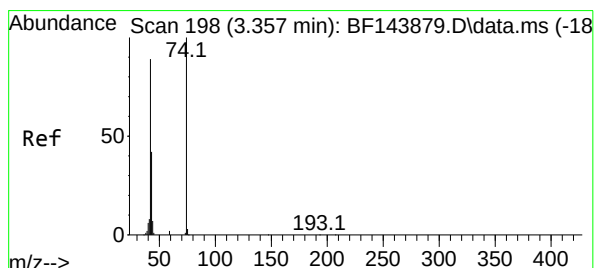
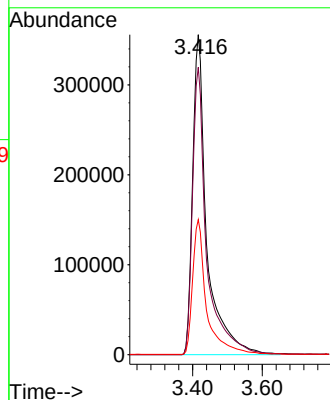
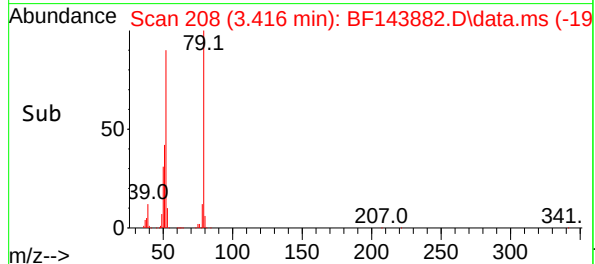
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 100955
Ion Ratio Lower Upper
79 100
52 89.8 71.5 107.3
51 42.2 32.9 49.3

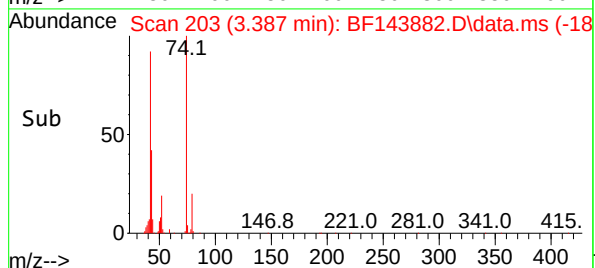
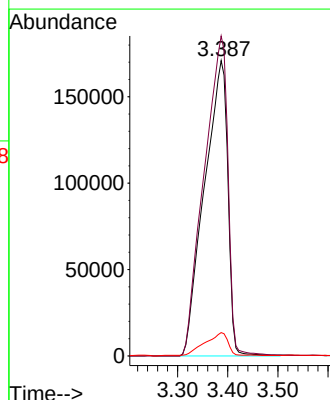
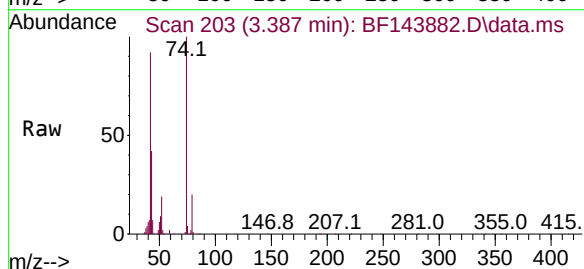
Manual Integrations
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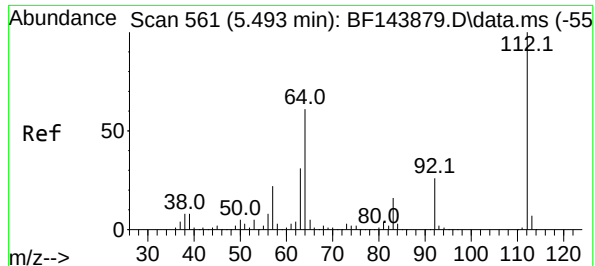
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#4
n-Nitrosodimethylamine
Concen: 80.653 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 42 Resp: 552664
Ion Ratio Lower Upper
42 100
74 108.4 90.0 135.0
44 7.9 6.2 9.2





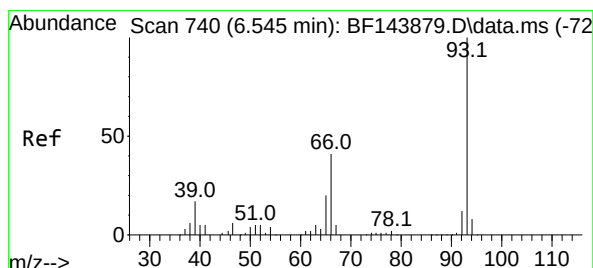
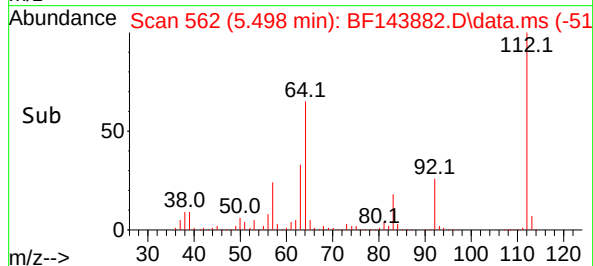
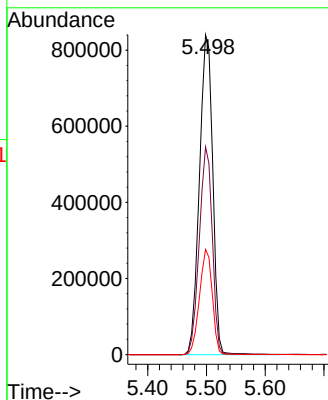
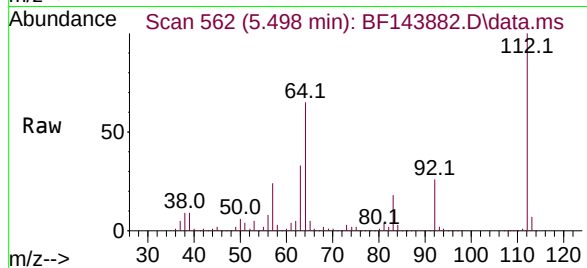
#5
2-Fluorophenol
Concen: 137.113 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1325806
Ion Ratio Lower Upper
112 100
64 64.9 49.1 73.7
63 32.9 24.5 36.7

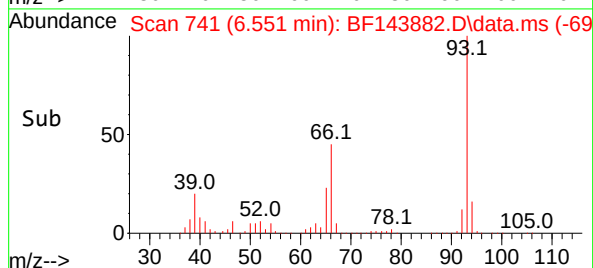
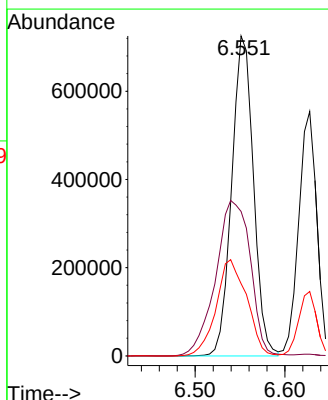
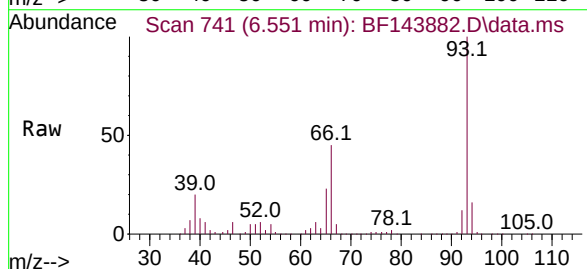
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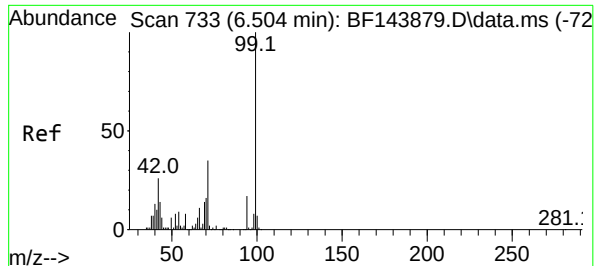
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 71.012 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

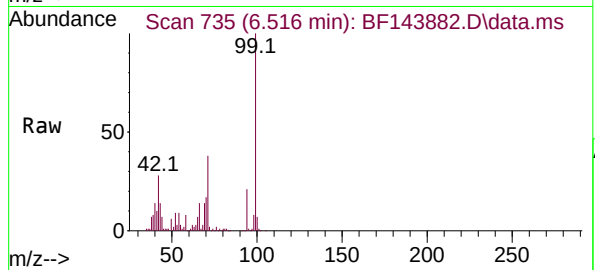
Tgt Ion: 93 Resp: 1226438
Ion Ratio Lower Upper
93 100
66 45.1 33.0 49.6
65 22.6 15.8 23.8





#7
Phenol-d6
Concen: 140.374 ng
RT: 6.516 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

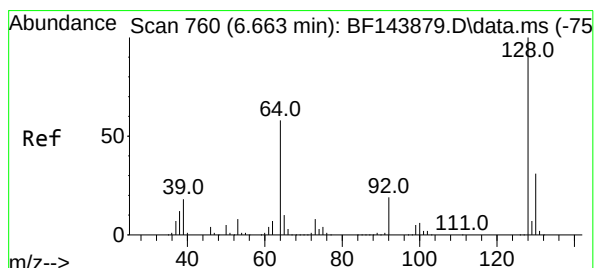
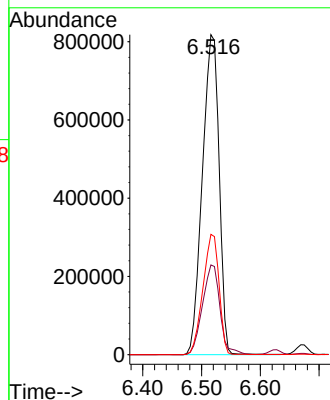
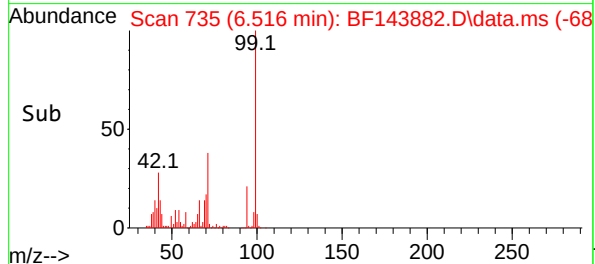
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 1617892
Ion Ratio Lower Upper
99 100
42 28.0 21.0 31.4
71 37.6 27.8 41.8

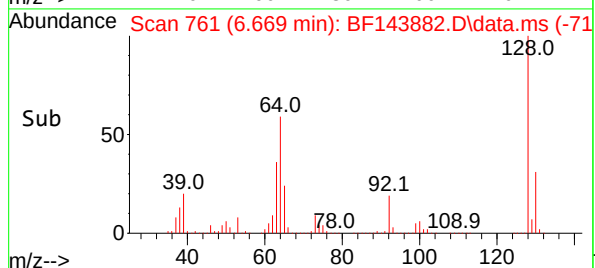
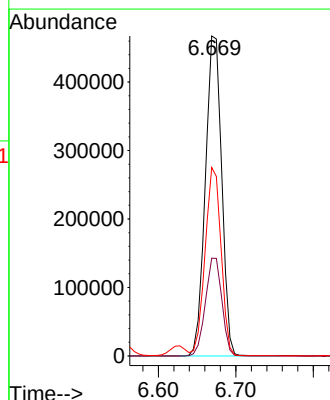
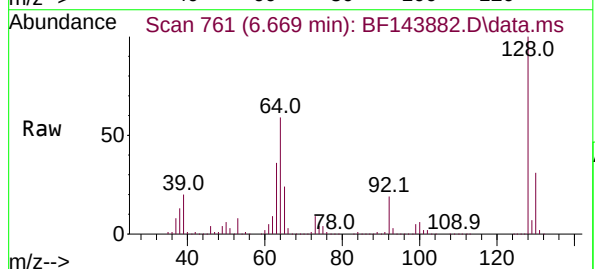
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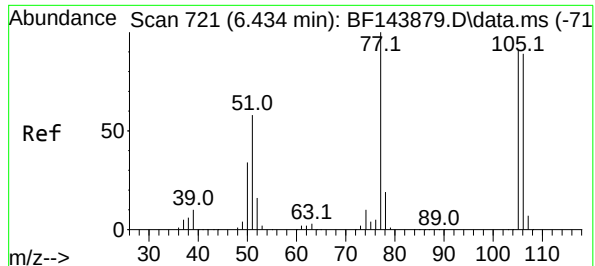
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 72.356 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:128 Resp: 683900
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 58.9 39.0 79.0





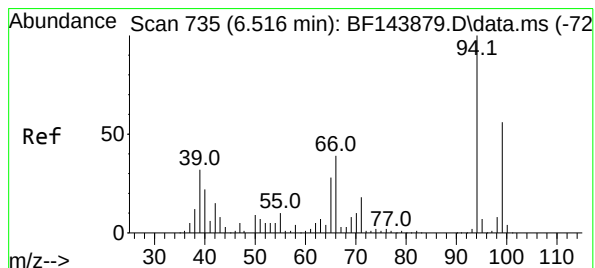
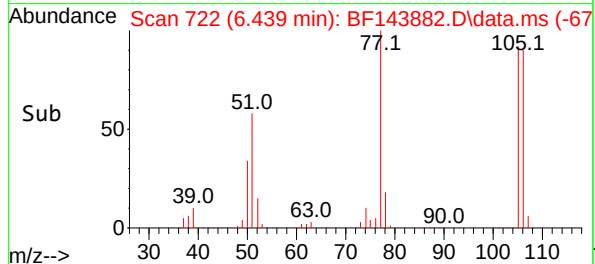
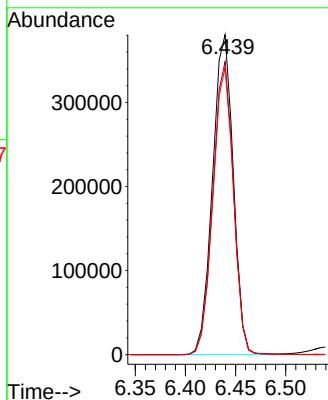
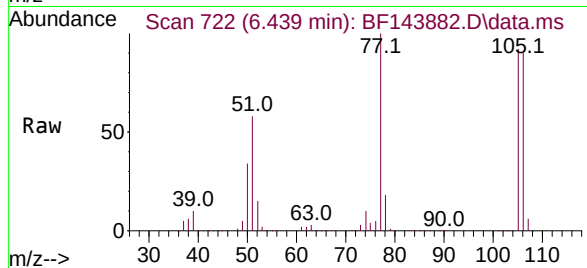
#9
Benzaldehyde
Concen: 61.507 ng
RT: 6.439 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 546849
Ion Ratio Lower Upper
77 100
105 91.5 70.9 110.9
106 89.6 68.9 108.9

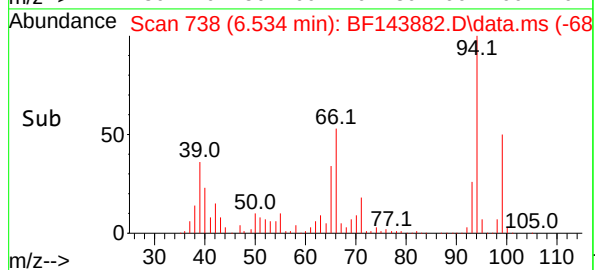
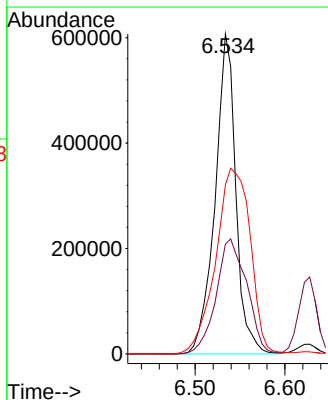
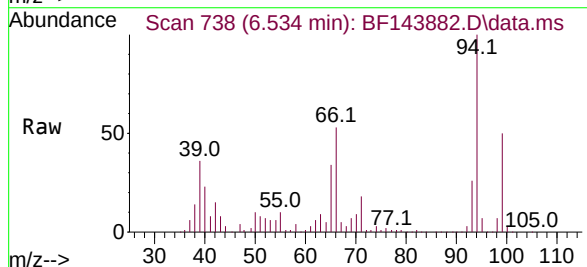
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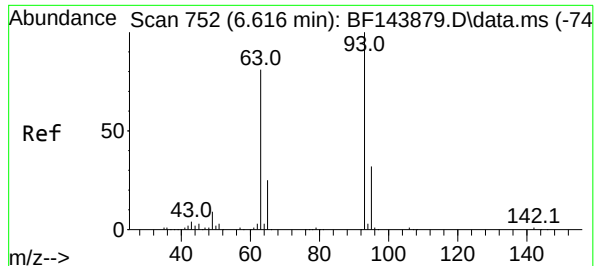
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#10
Phenol
Concen: 70.844 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 94 Resp: 976173
Ion Ratio Lower Upper
94 100
65 34.4 8.5 48.5
66 52.8 19.9 59.9





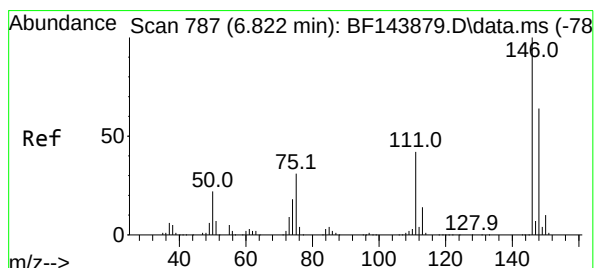
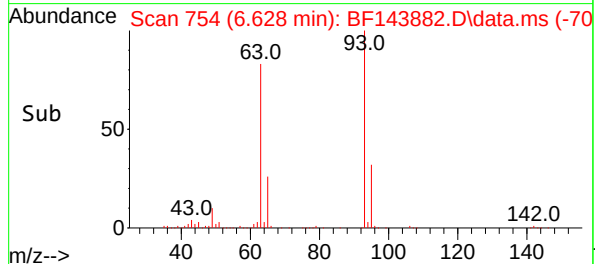
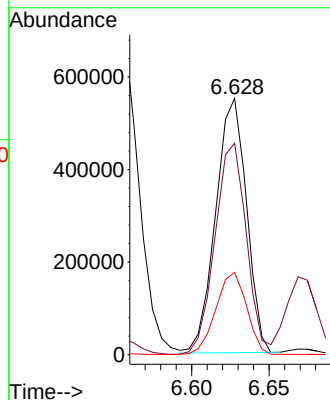
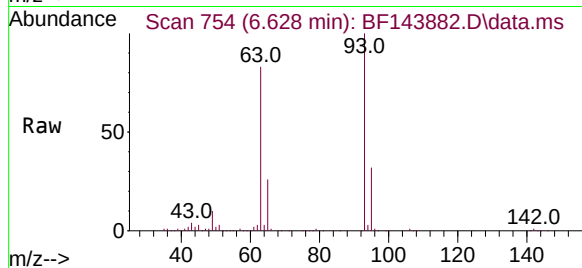
#11
bis(2-Chloroethyl)ether
Concen: 71.438 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 760388
Ion Ratio Lower Upper
93 100
63 82.5 60.9 100.9
95 32.0 11.5 51.5

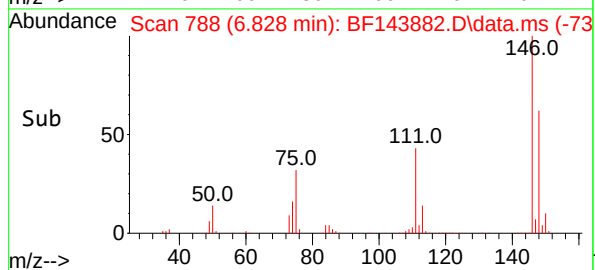
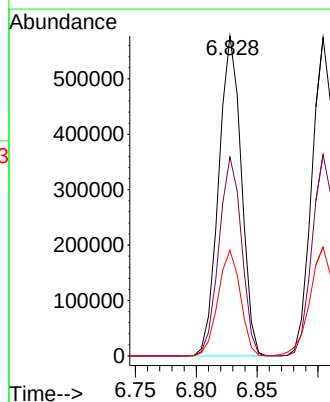
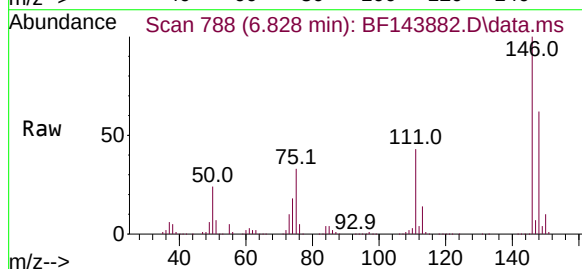
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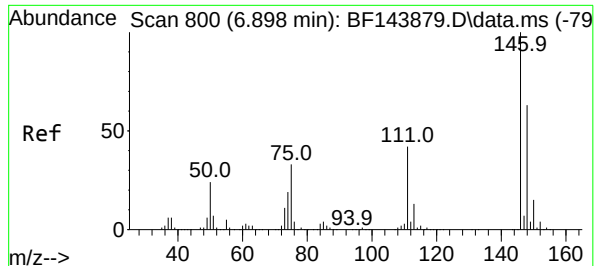
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 65.969 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 746378
Ion Ratio Lower Upper
146 100
148 62.1 51.0 76.4
75 33.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 65.228 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 727973

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

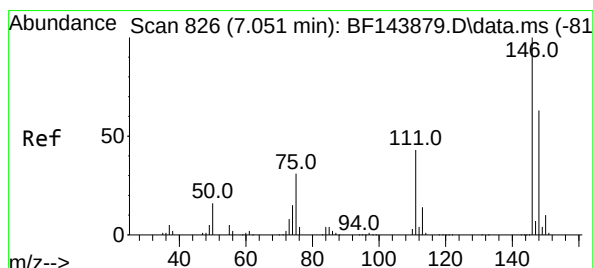
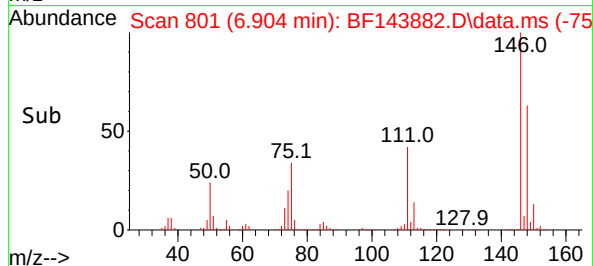
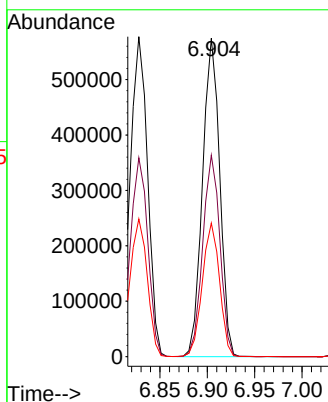
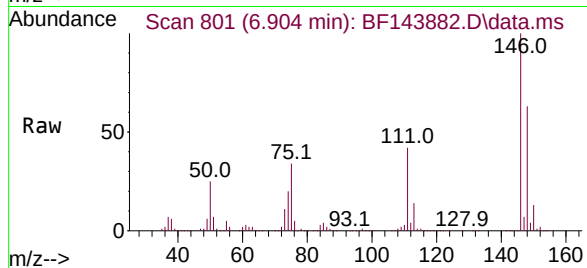
111 42.0 33.4 50.0

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Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 66.244 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

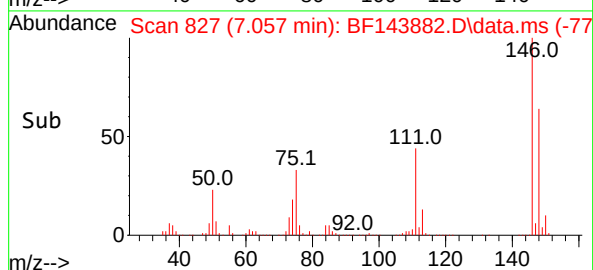
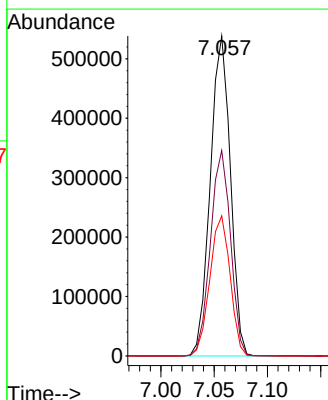
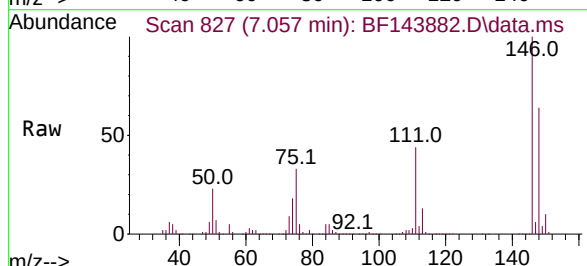
Tgt Ion:146 Resp: 708144

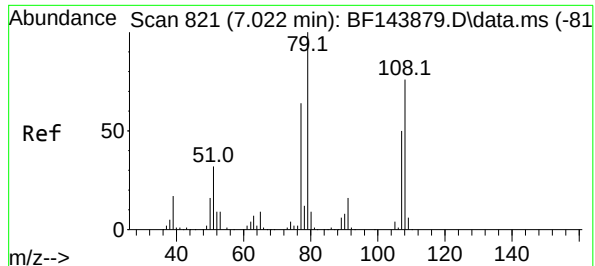
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 76.926 ng

RT: 7.034 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 664305

Ion Ratio Lower Upper

79 100

108 73.0 60.8 91.2

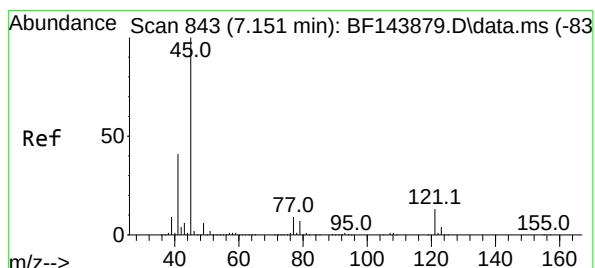
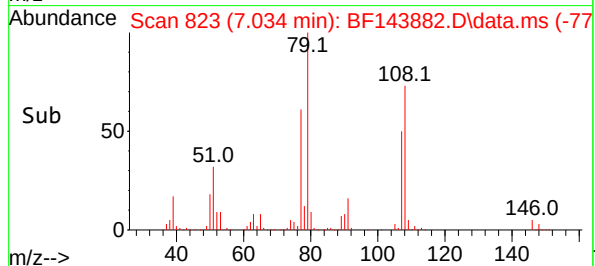
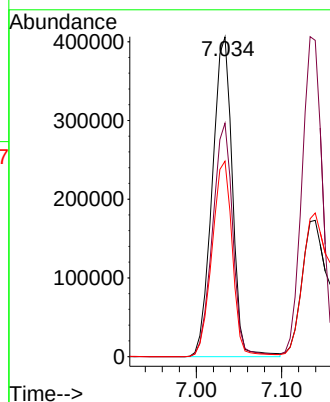
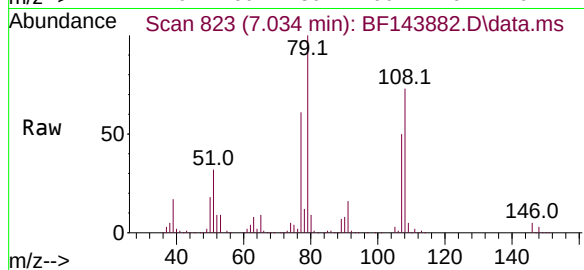
77 61.1 51.0 76.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.951 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

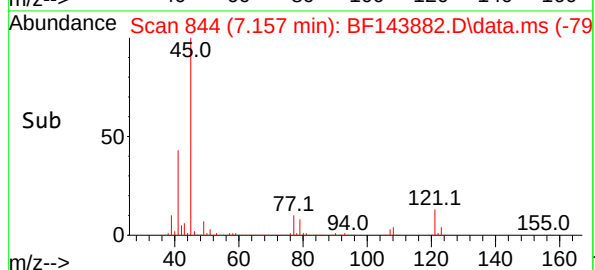
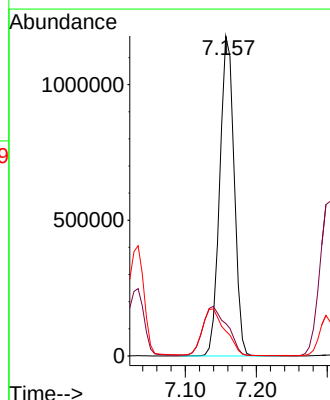
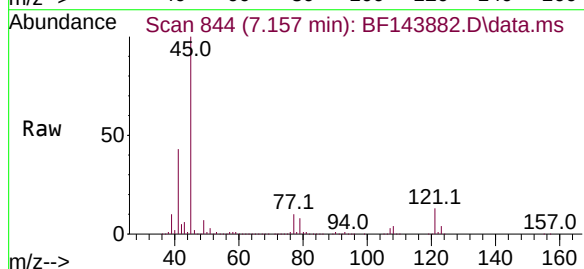
Tgt Ion: 45 Resp: 1670583

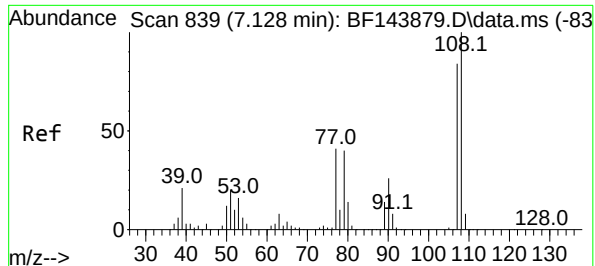
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.0

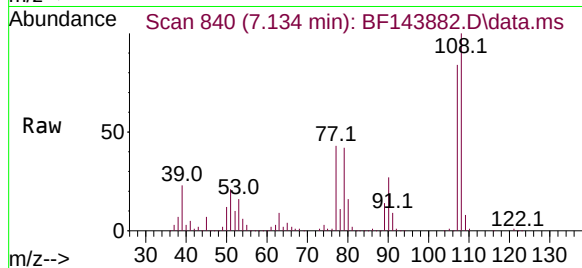
79 7.8 0.0 26.8





#17
2-Methylphenol
Concen: 72.921 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

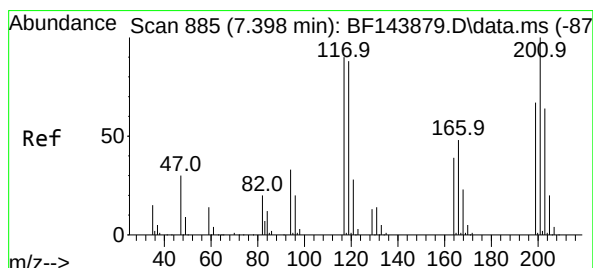
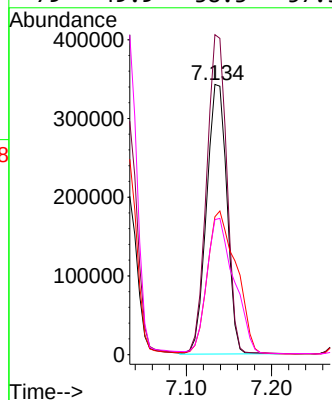
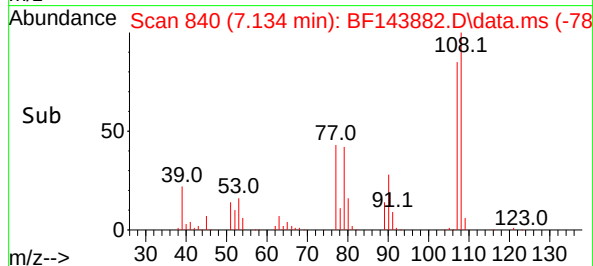
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



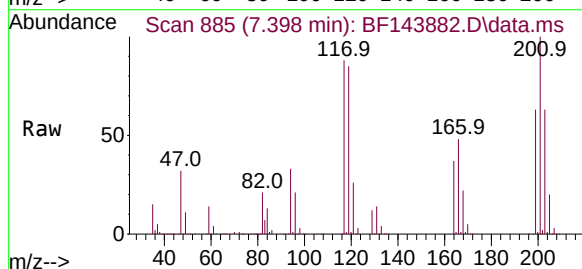
Tgt Ion:107 Resp: 569618
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 51.0 38.8 58.2
79 49.9 38.3 57.5

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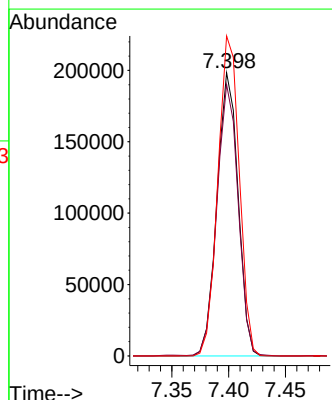
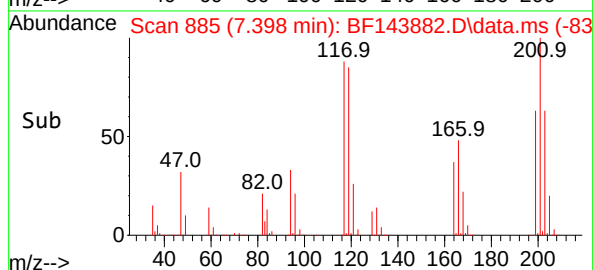
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

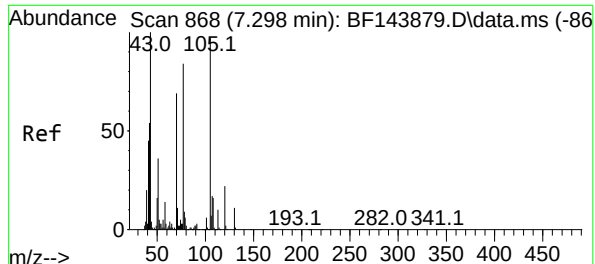


#18
Hexachloroethane
Concen: 68.827 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:117 Resp: 256173
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 113.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 70.978 ng

RT: 7.316 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 55996

Ion Ratio Lower Upper

70 100

42 77.8 62.8 94.2

101 8.0 6.7 10.1

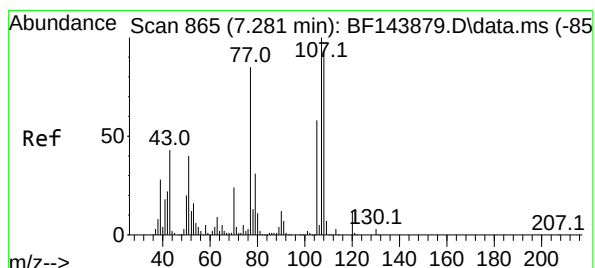
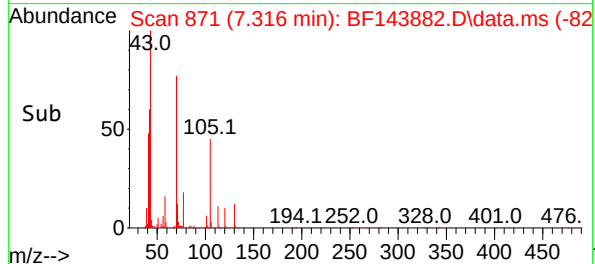
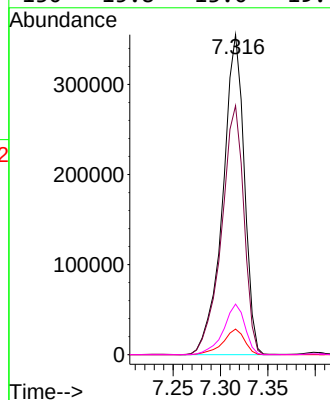
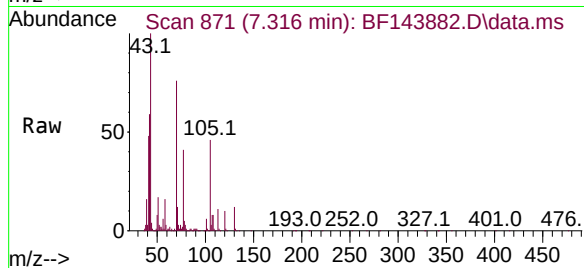
130 15.8 13.0 19.4

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Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 63.295 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:107 Resp: 573027

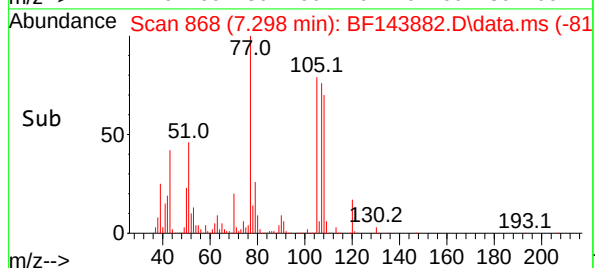
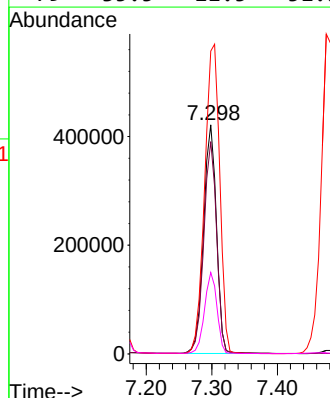
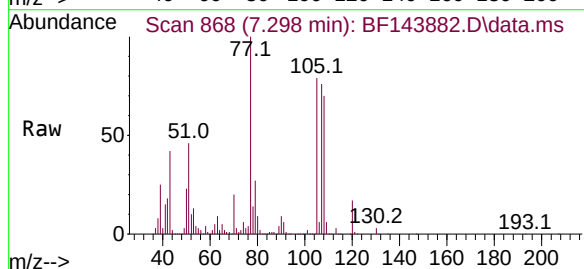
Ion Ratio Lower Upper

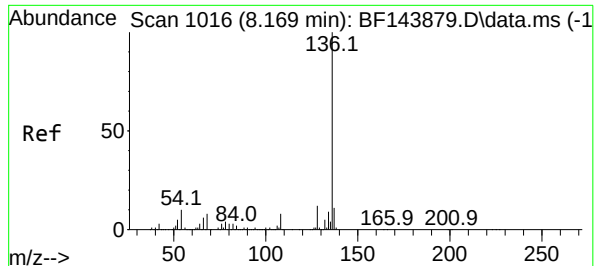
107 100

108 92.7 73.0 113.0

77 132.3 64.6 104.6#

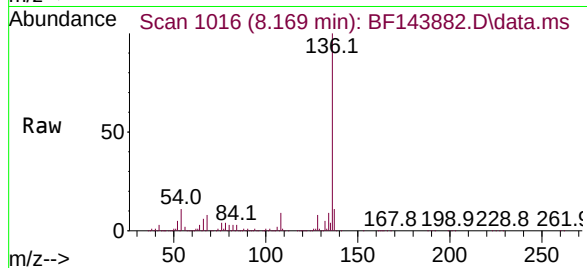
79 35.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

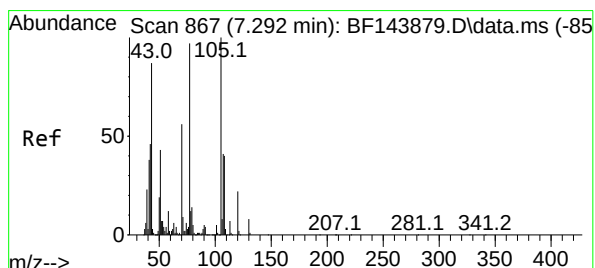
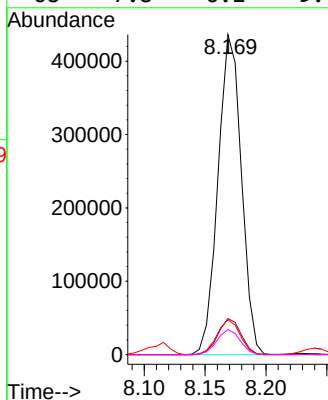
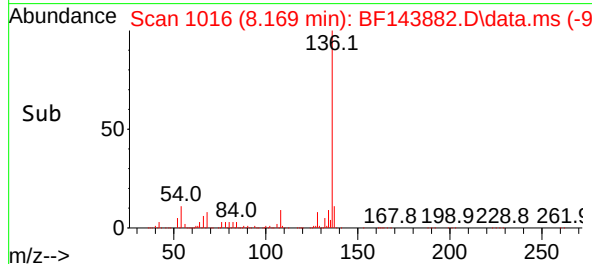
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 584564
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.9 8.2 12.4
68 7.8 6.2 9.4

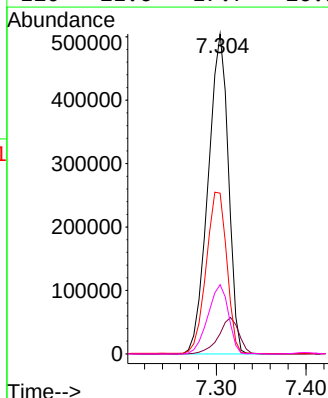
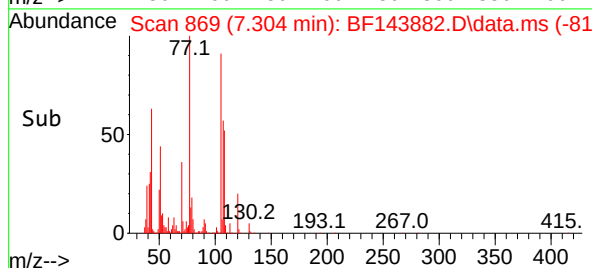
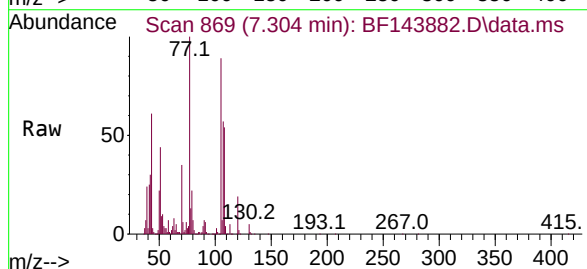
Manual Integrations
APPROVED

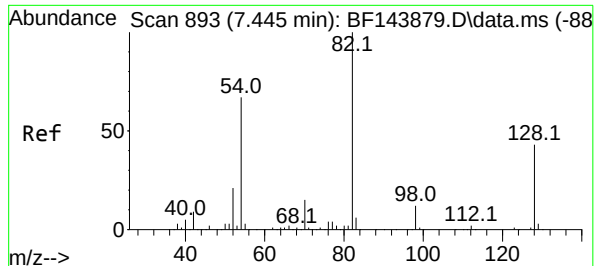
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 64.345 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:105 Resp: 795315
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0#
51 50.2 34.2 51.4
120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 149.259 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1436124

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

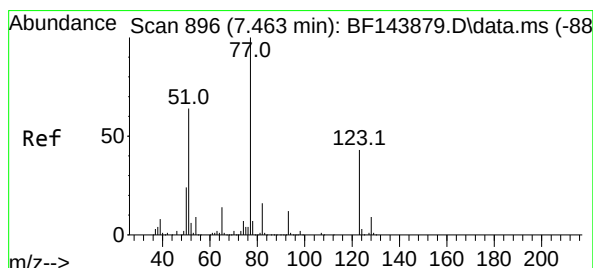
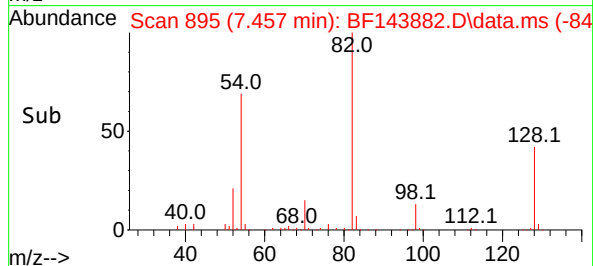
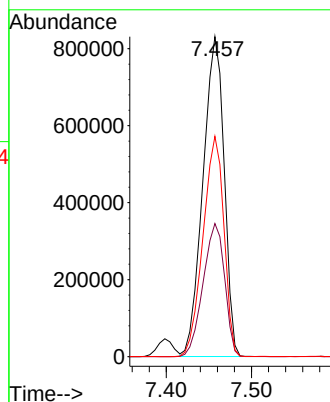
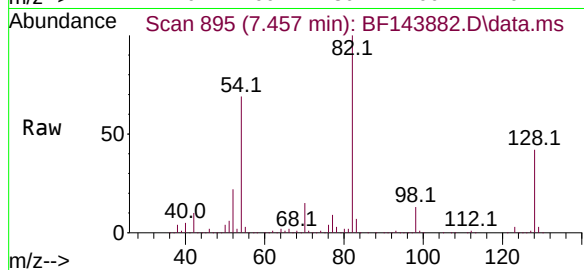
54 68.8 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 74.900 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

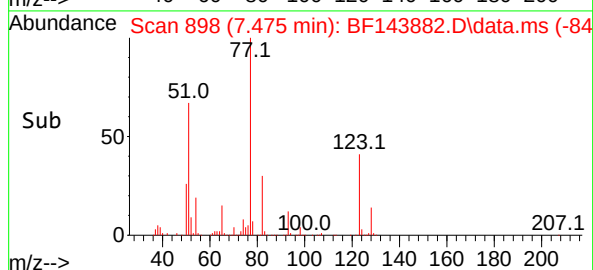
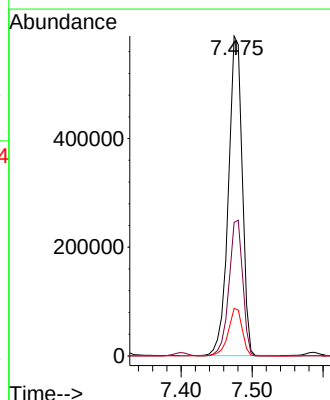
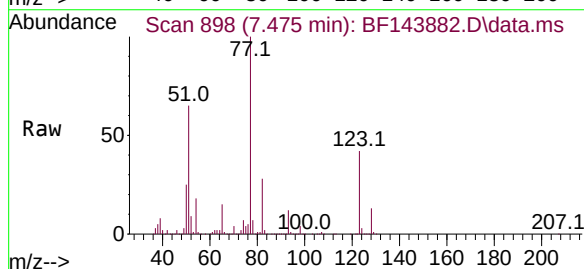
Tgt Ion: 77 Resp: 800306

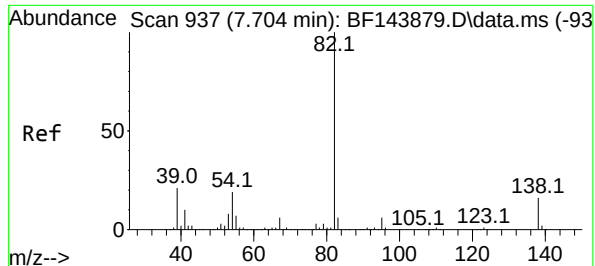
Ion Ratio Lower Upper

77 100

123 41.7 34.2 51.4

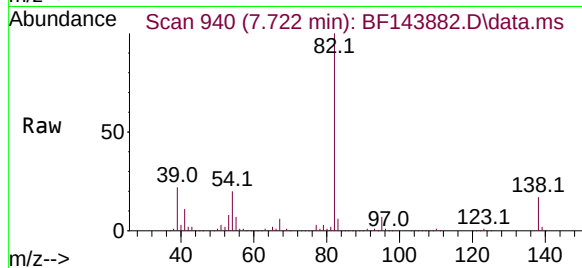
65 14.8 11.0 16.6





#25
Isophorone
Concen: 75.651 ng
RT: 7.722 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

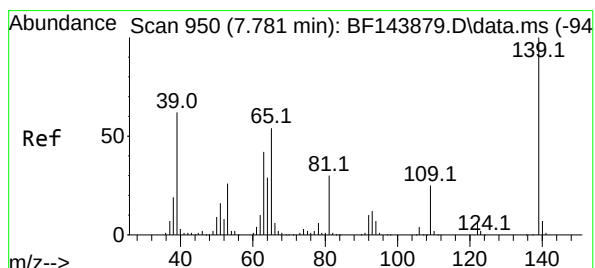
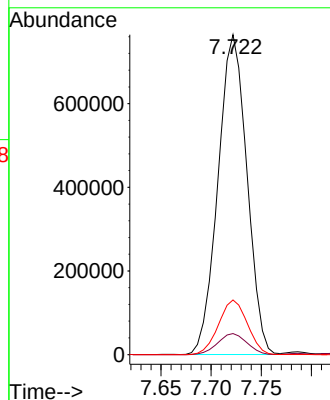
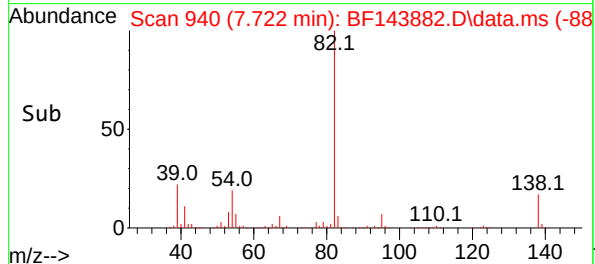
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



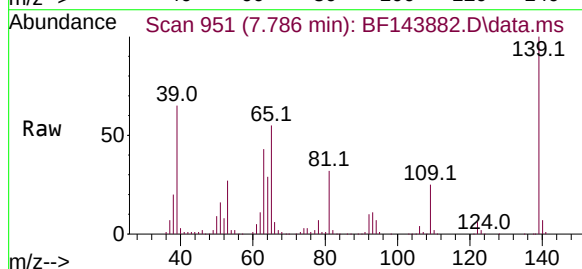
Tgt Ion: 82 Resp: 153478
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.1 12.9 19.3

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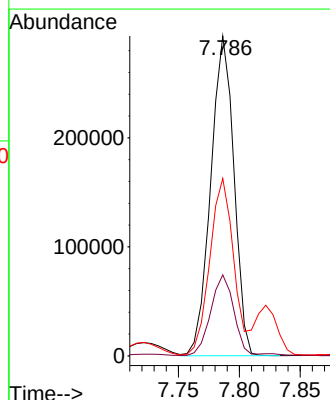
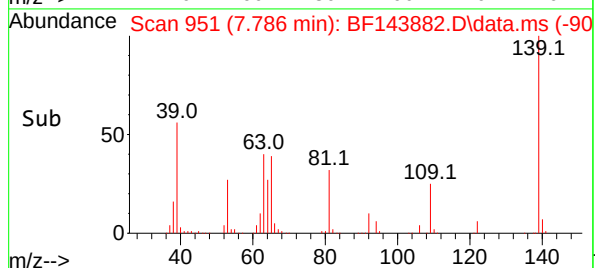
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

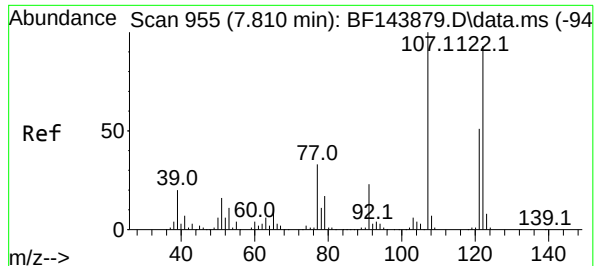


#26
2-Nitrophenol
Concen: 84.948 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:139 Resp: 389145
Ion Ratio Lower Upper
139 100
109 25.3 19.8 29.6
65 55.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 74.828 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 616626

Ion Ratio Lower Upper

122 100

107 108.9 86.1 129.1

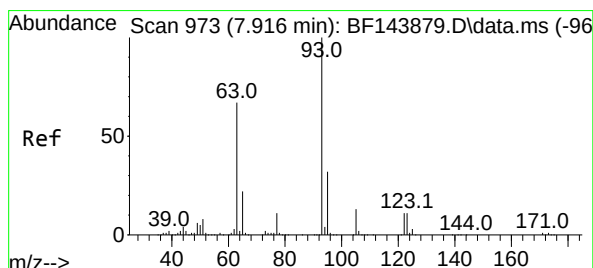
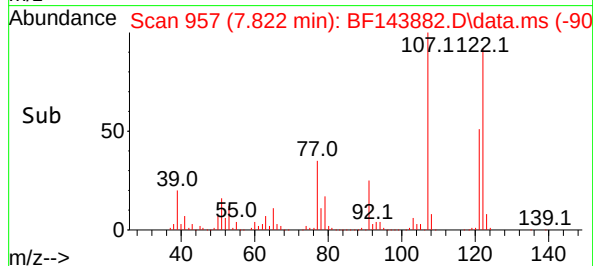
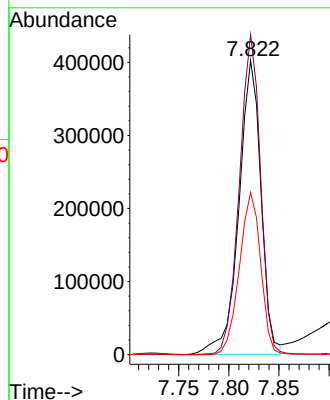
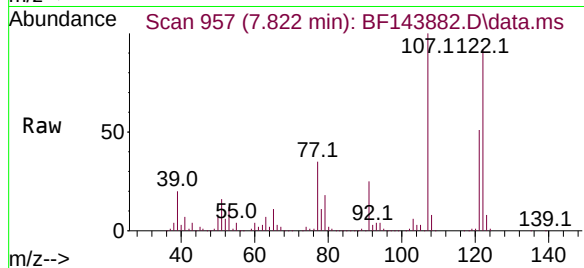
121 55.2 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 69.328 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

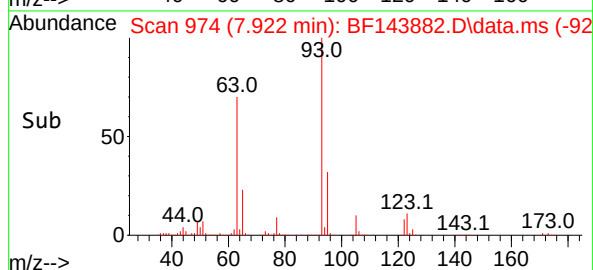
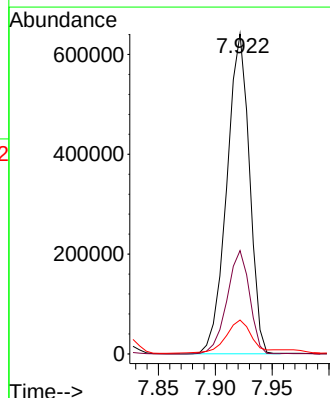
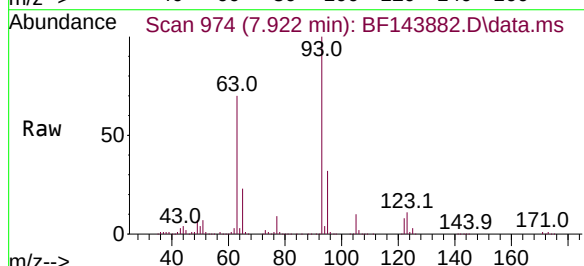
Tgt Ion: 93 Resp: 888473

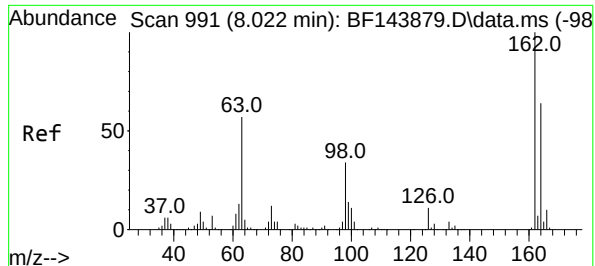
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 72.318 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

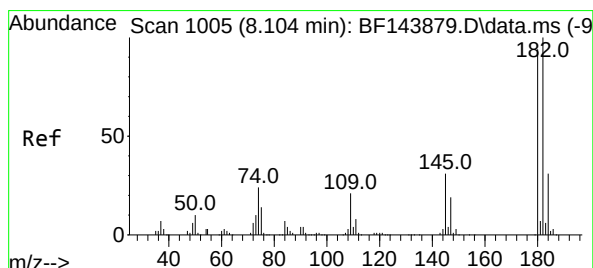
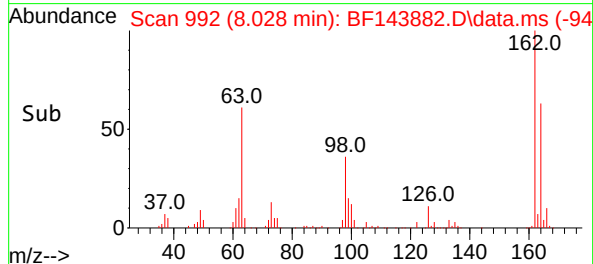
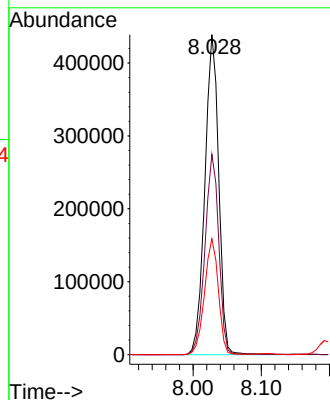
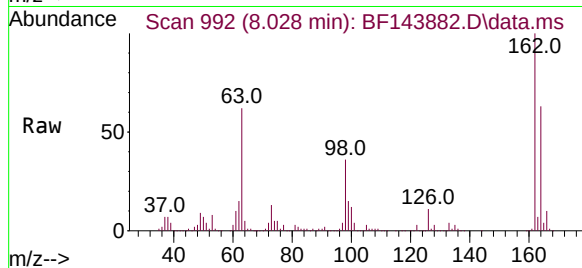
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.9	83.9
98	36.2	14.4	54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 69.063 ng

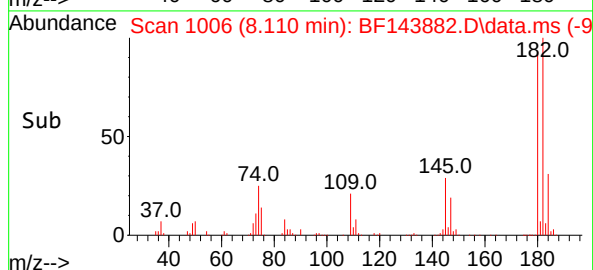
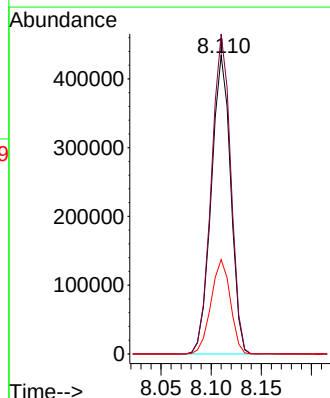
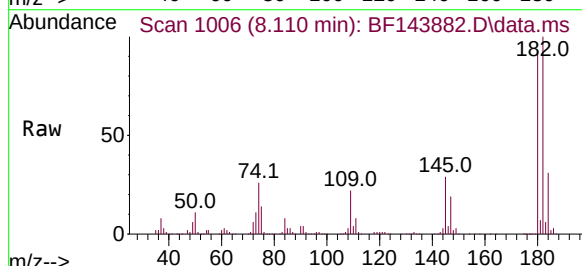
RT: 8.110 min Scan# 1006

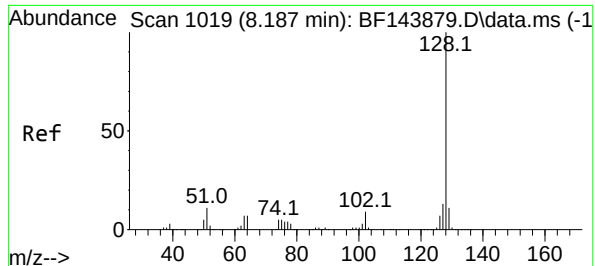
Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.1	85.4	128.0
145	31.6	26.3	39.5





#31

Naphthalene

Concen: 64.341 ng

RT: 8.192 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:128 Resp: 1710914

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

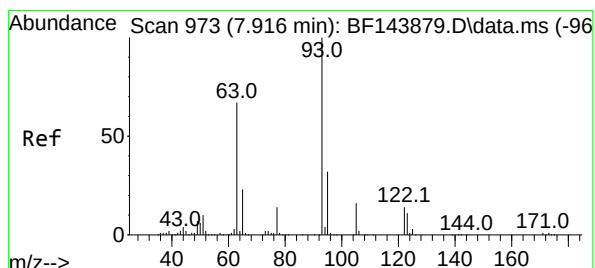
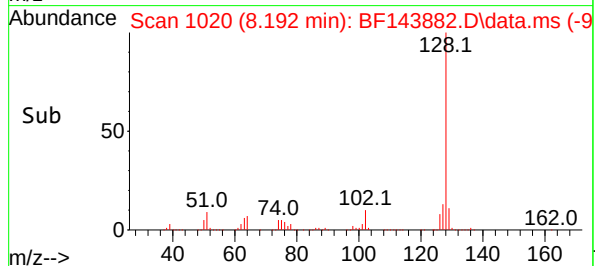
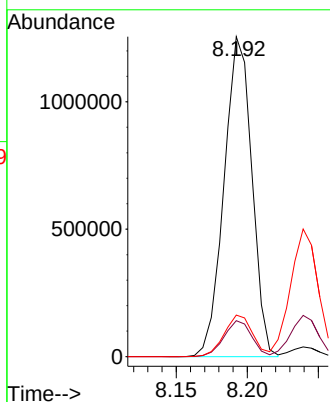
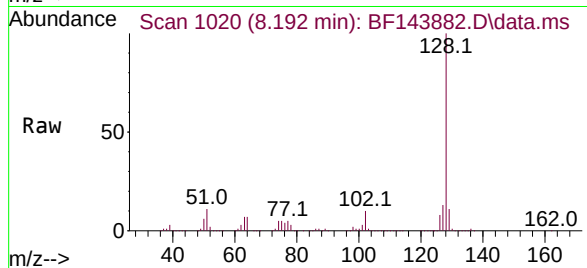
127 13.0 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 94.587 ng m

RT: 7.963 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

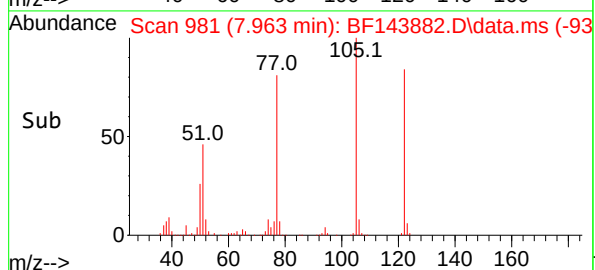
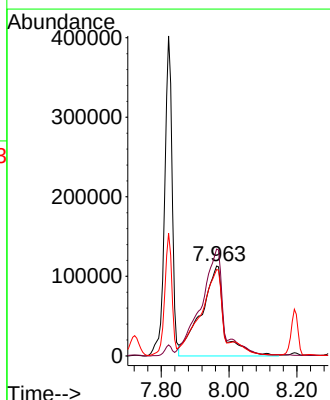
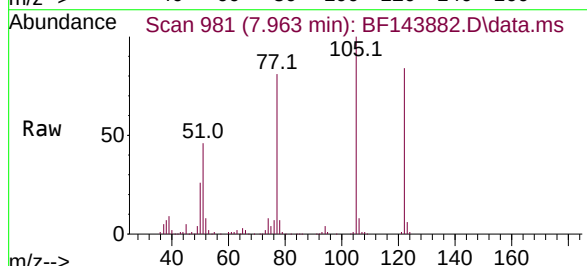
Tgt Ion:122 Resp: 539440

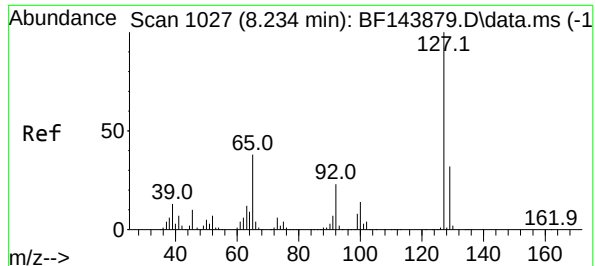
Ion Ratio Lower Upper

122 100

105 118.9 93.5 133.5

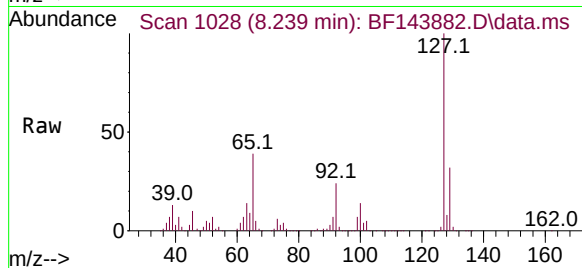
77 96.1 76.3 116.3





#33
4-Chloroaniline
Concen: 69.923 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

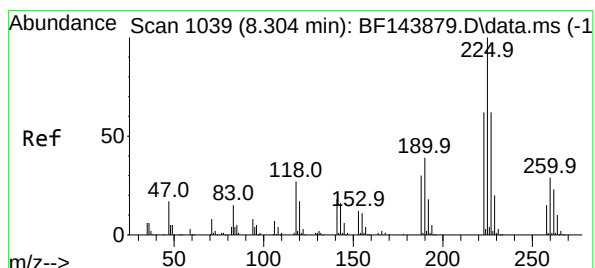
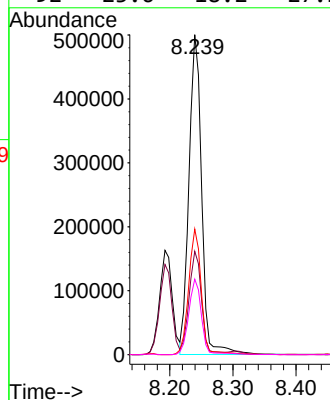
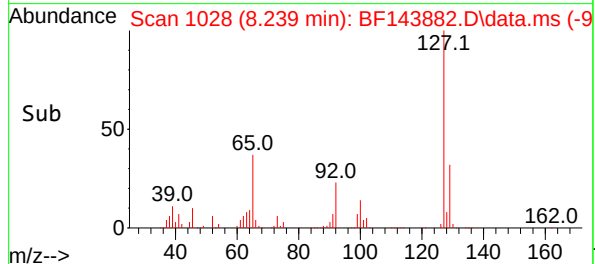
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



Tgt Ion:127 Resp: 697350
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 39.2 30.0 45.0
92 23.6 18.2 27.2

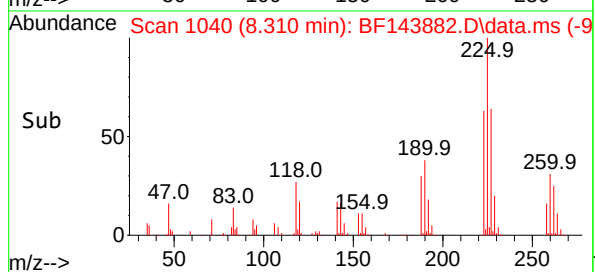
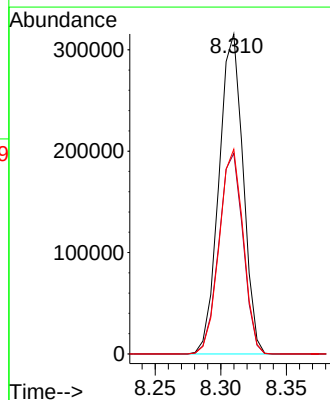
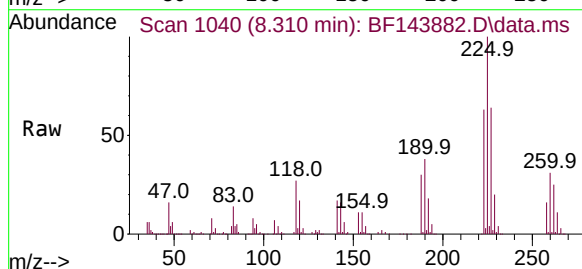
Manual Integrations
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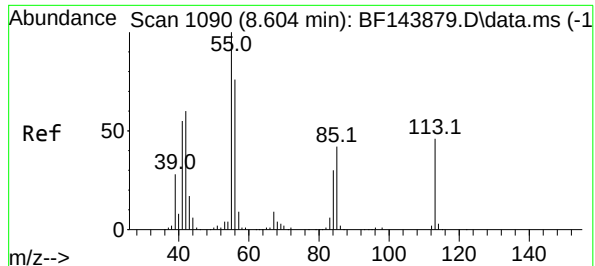
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 68.974 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

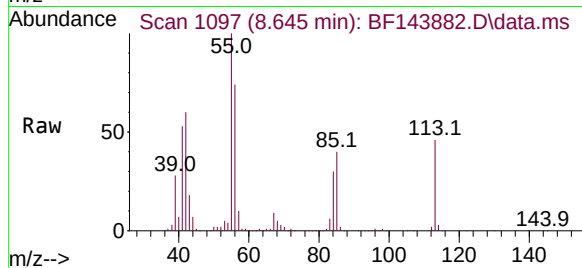
Tgt Ion:225 Resp: 404619
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.2
227 64.0 49.7 74.5





#35
Caprolactam
Concen: 80.169 ng
RT: 8.645 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

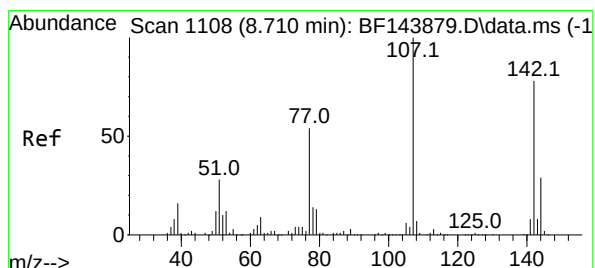
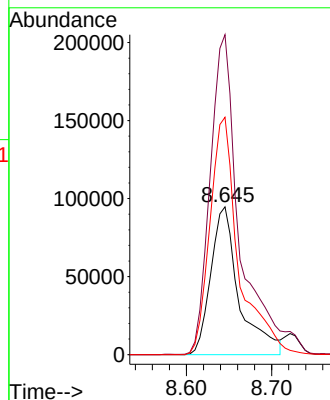
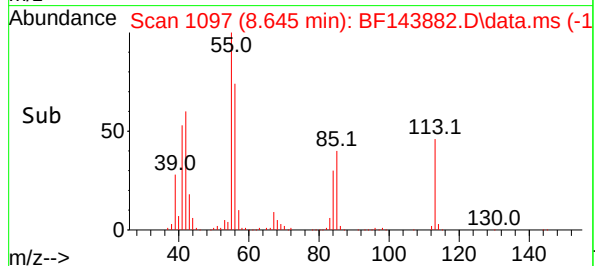
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 21880
Ion Ratio Lower Upper
113 100
55 216.6 199.6 239.6
56 160.6 146.0 186.0

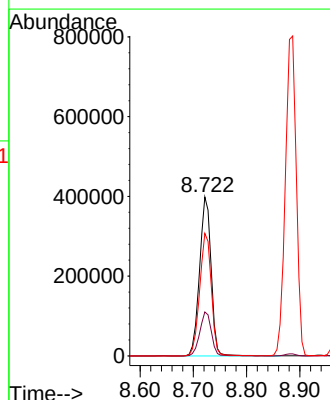
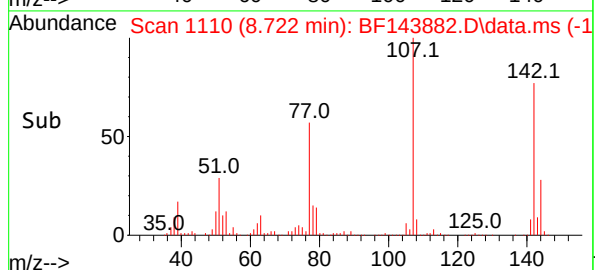
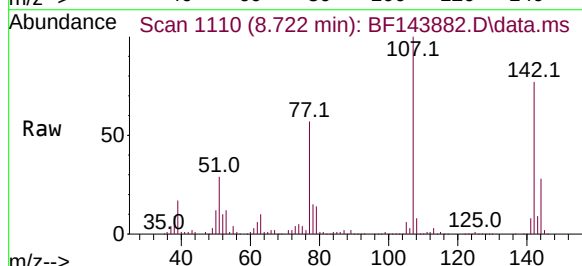
Manual Integrations
APPROVED

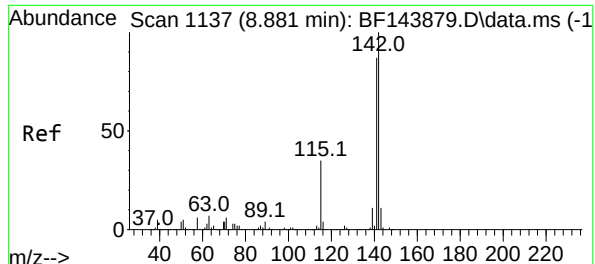
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 72.601 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:107 Resp: 598614
Ion Ratio Lower Upper
107 100
144 27.6 23.1 34.7
142 77.0 62.6 94.0





#37

2-Methylnaphthalene

Concen: 64.254 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 1138146

Ion Ratio Lower Upper

142 100

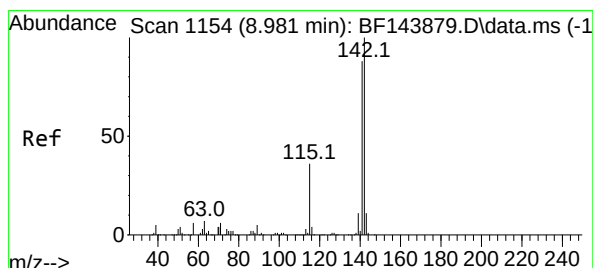
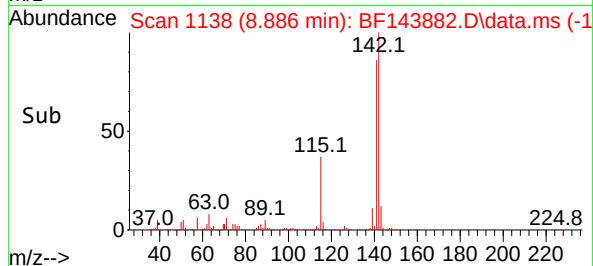
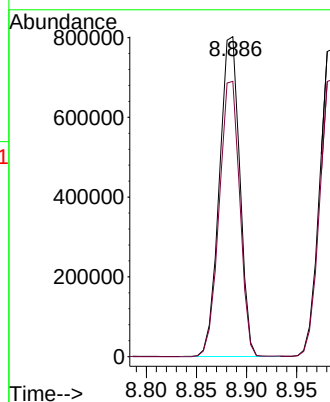
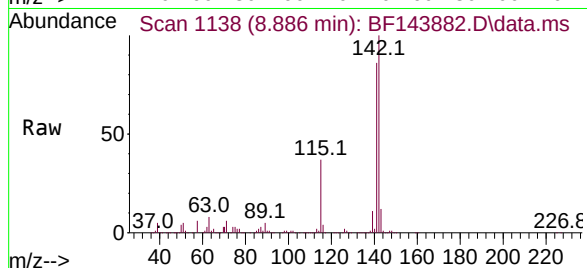
141 86.0 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 63.318 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF143882.D

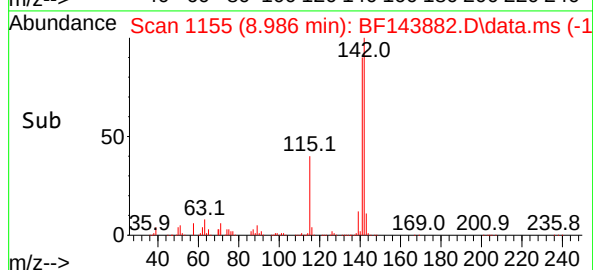
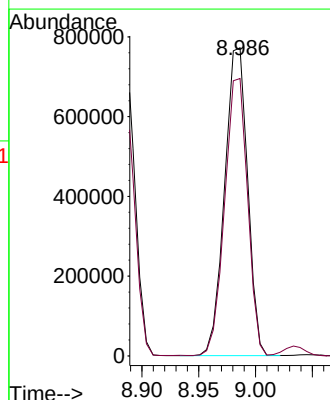
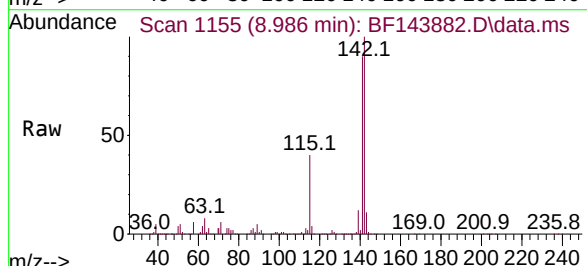
Acq: 06 Oct 2025 14:22

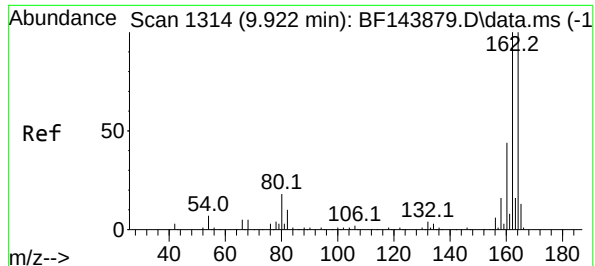
Tgt Ion:142 Resp: 1087879

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143882.D

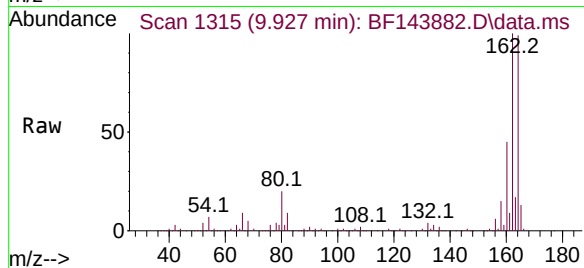
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

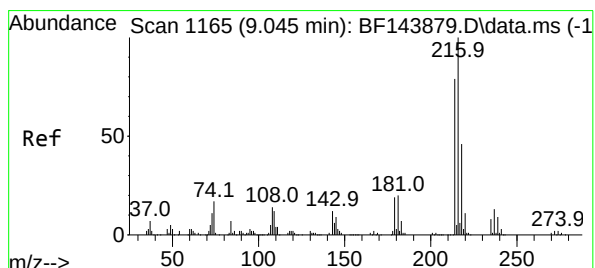
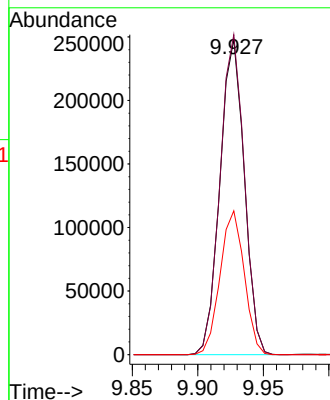
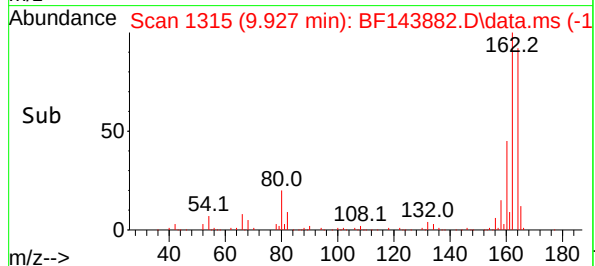


Tgt Ion:	164	Resp:	320335
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.2	120.2
160	45.6	35.4	53.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

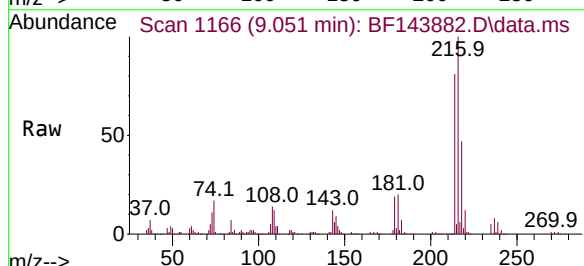
Concen: 67.166 ng

RT: 9.051 min Scan# 1166

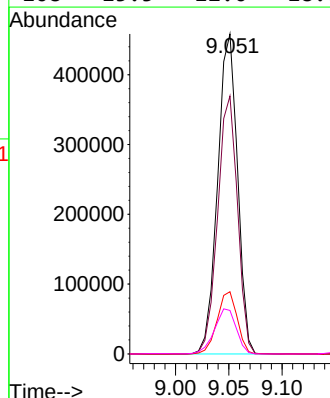
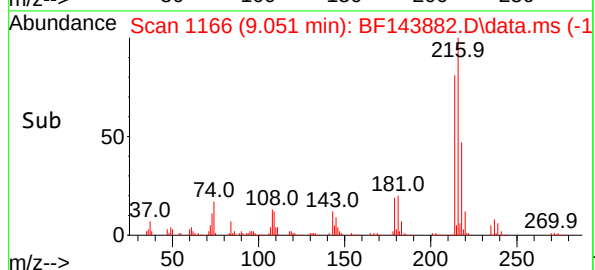
Delta R.T. 0.000 min

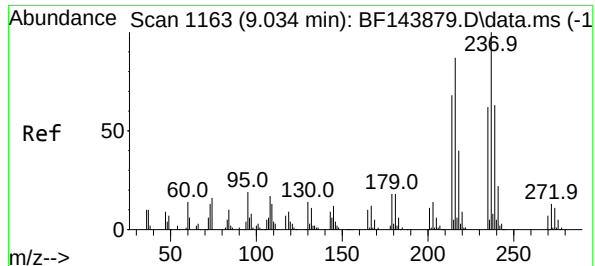
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



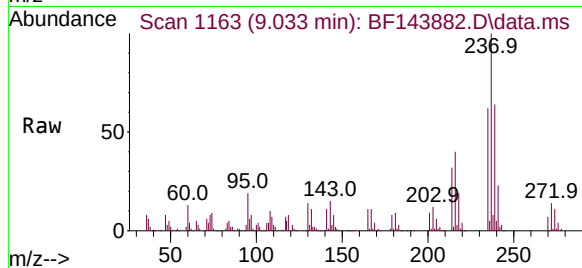
Tgt Ion:	216	Resp:	594660
Ion Ratio	Lower	Upper	
216	100		
214	80.4	62.6	94.0
179	19.6	15.4	23.0
108	15.5	12.0	18.0





#41
Hexachlorocyclopentadiene
Concen: 81.998 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

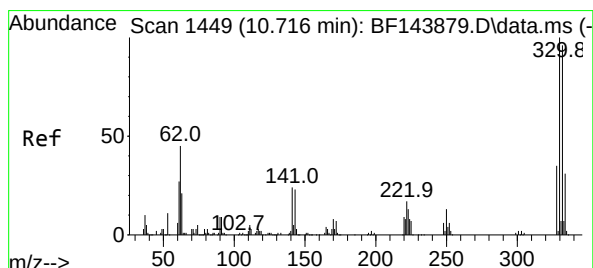
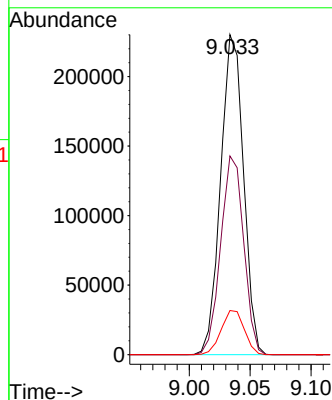
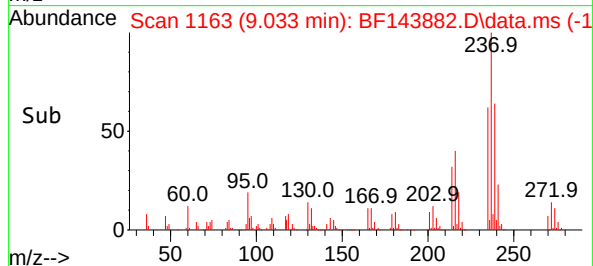
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



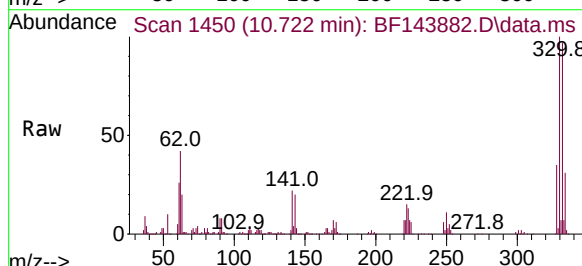
Tgt Ion: 237 Resp: 301178
Ion Ratio Lower Upper
237 100
235 62.1 42.3 82.3
272 13.8 0.0 33.1

Manual Integrations
APPROVED

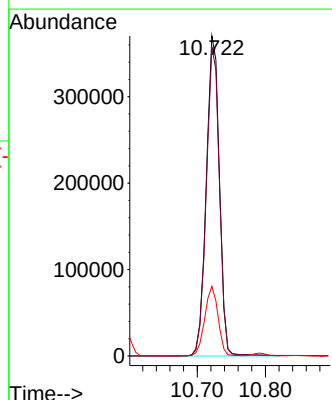
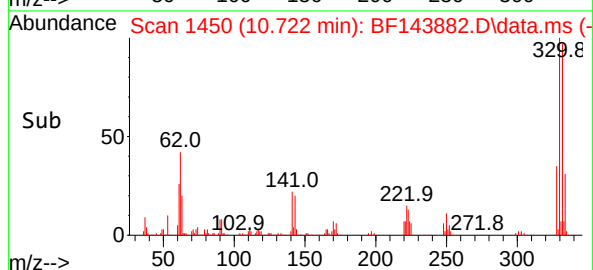
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

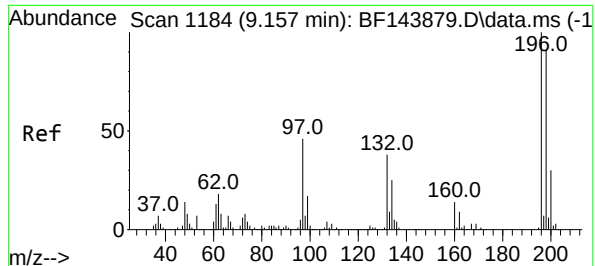


#42
2,4,6-Tribromophenol
Concen: 155.397 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion: 330 Resp: 495811
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 21.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 74.487 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF143882.D

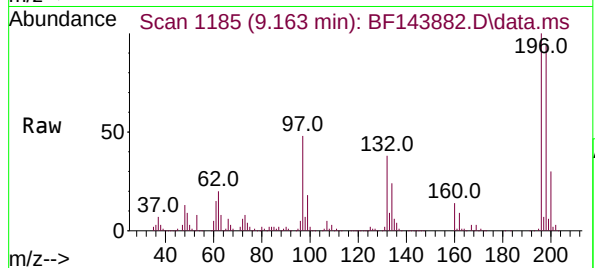
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 481852

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

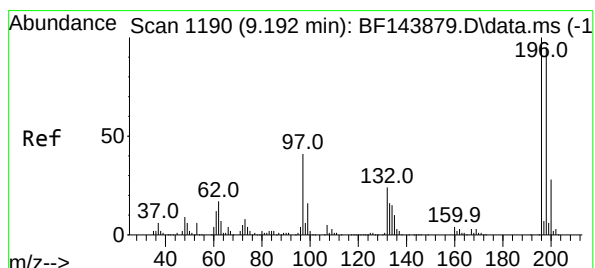
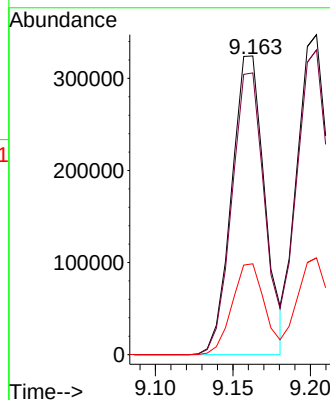
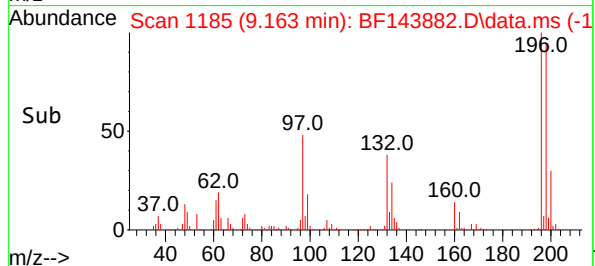
200 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

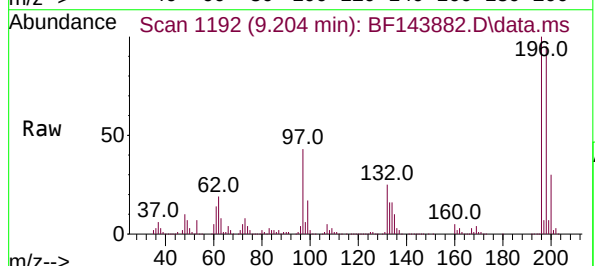
Concen: 71.286 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



Tgt Ion:196 Resp: 487322

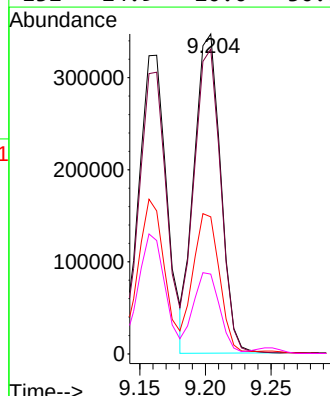
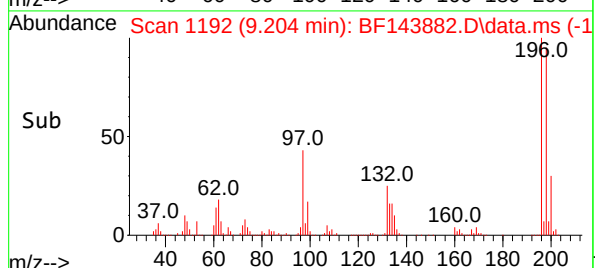
Ion Ratio Lower Upper

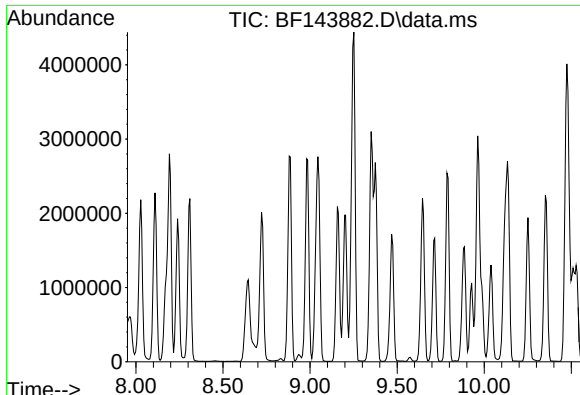
196 100

198 95.2 75.5 113.3

97 42.8 33.9 50.9

132 24.9 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.2
170 23.3

Instrument :

BNA_F

ClientSampleId :

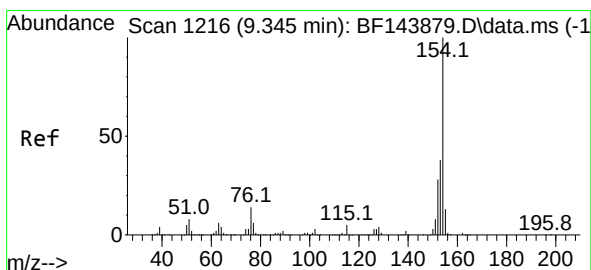
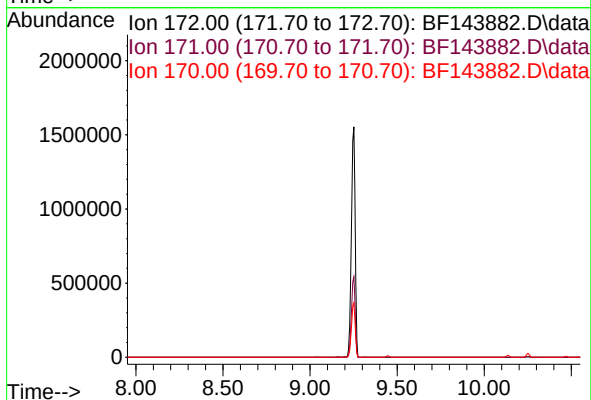
SSTDICC080

Manual Integrations

APPROVED

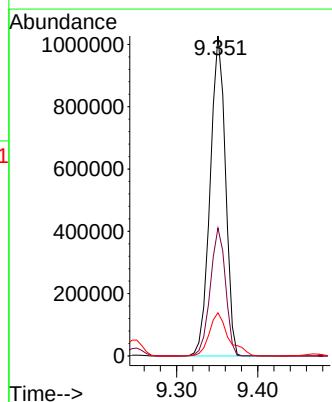
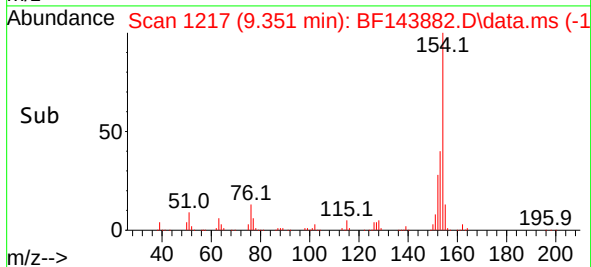
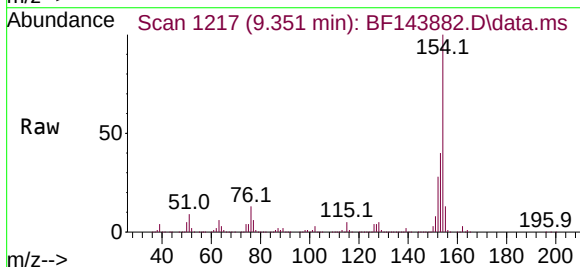
Reviewed By :Rahul Chavli 10/07/2025

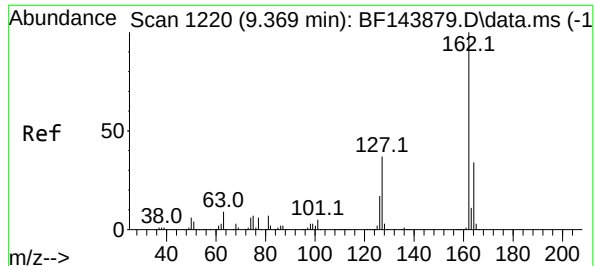
Supervised By :Jagrut Upadhyay 10/07/2025



#46
1,1'-Biphenyl
Concen: 63.407 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1344805
Ion Ratio Lower Upper
154 100
153 40.0 18.4 58.4
76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 66.165 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143882.D

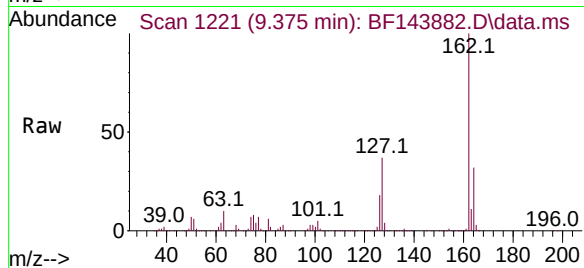
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 1170019

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

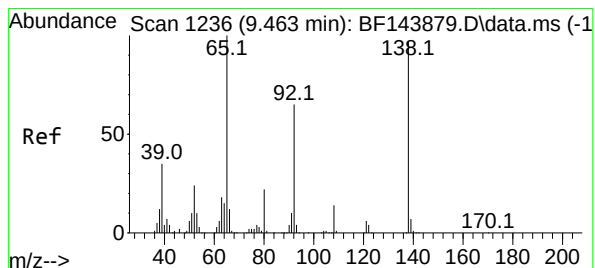
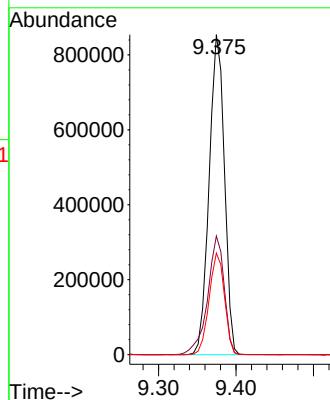
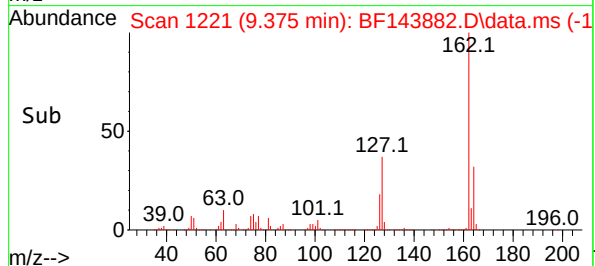
164 31.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 79.693 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

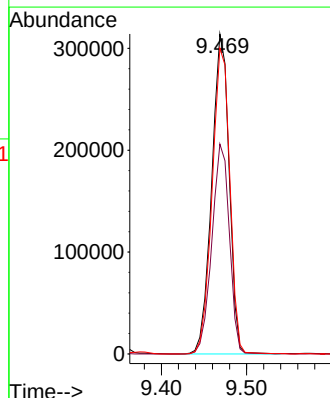
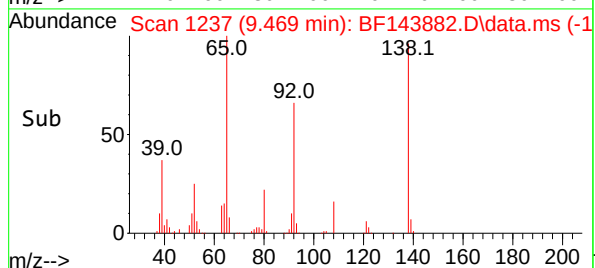
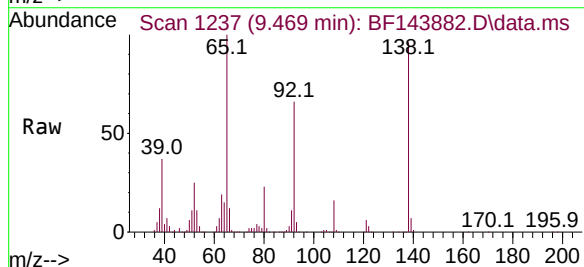
Tgt Ion: 65 Resp: 445537

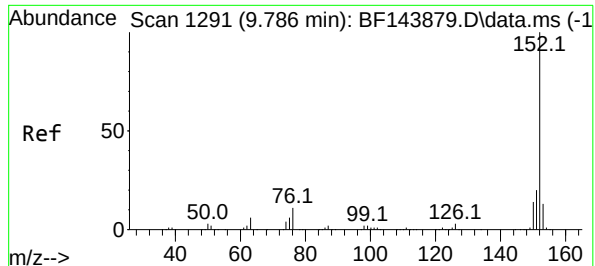
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 95.5 77.4 116.2





#49

Acenaphthylene

Concen: 66.159 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143882.D

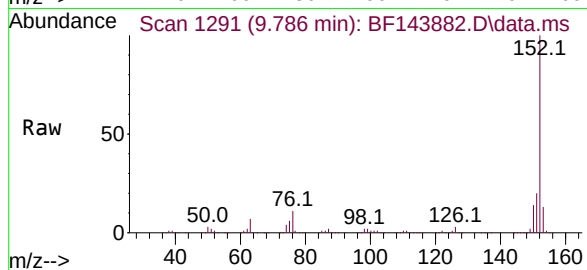
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1644728

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

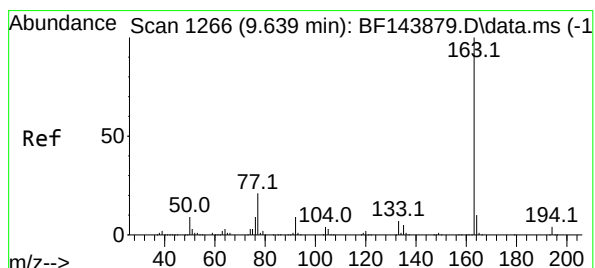
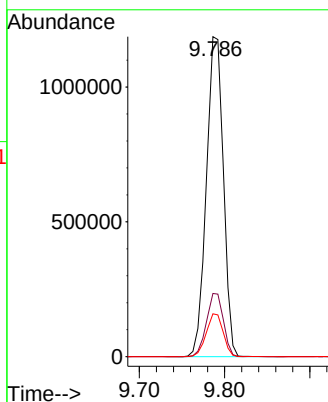
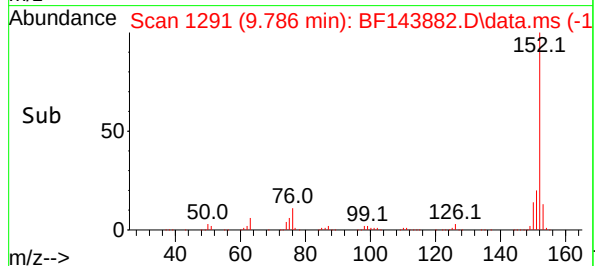
153 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

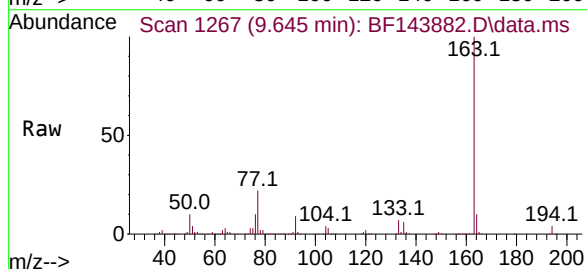
Concen: 69.582 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



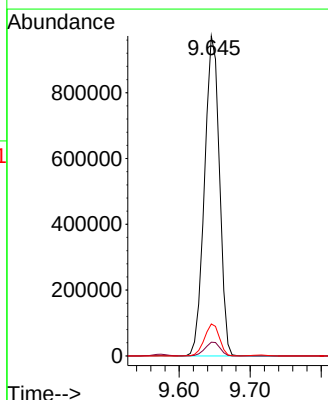
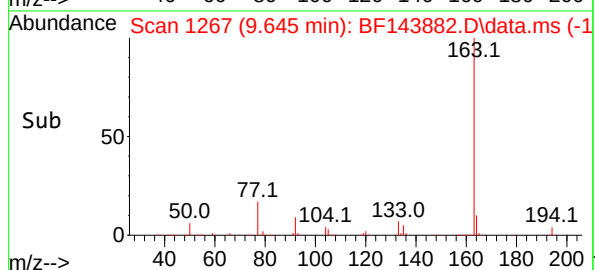
Tgt Ion:163 Resp: 1415482

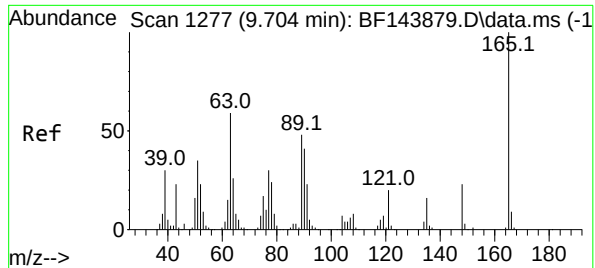
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

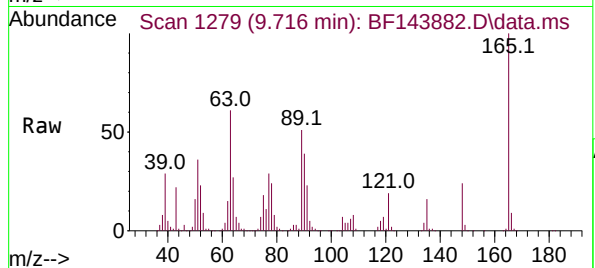
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 80.372 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

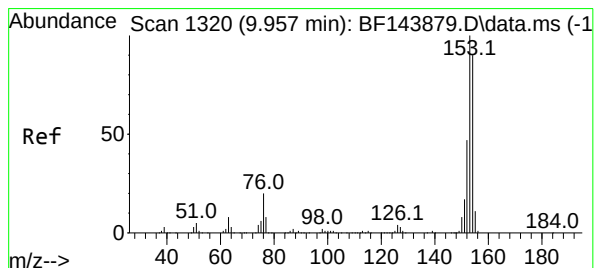
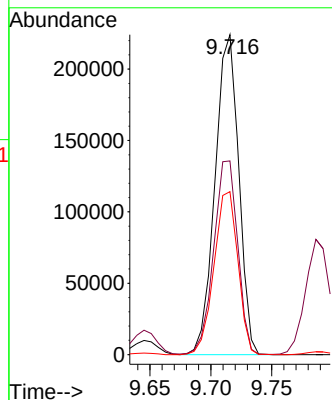
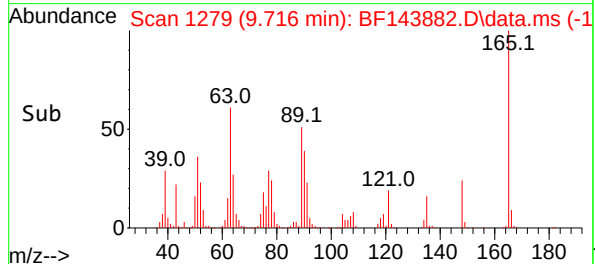
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 303176
Ion Ratio Lower Upper
165 100
63 60.5 47.3 70.9
89 51.0 38.2 57.4

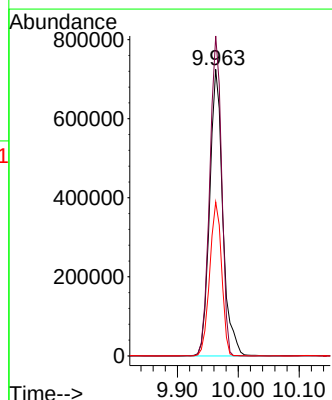
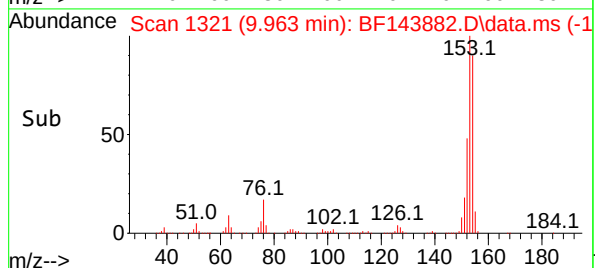
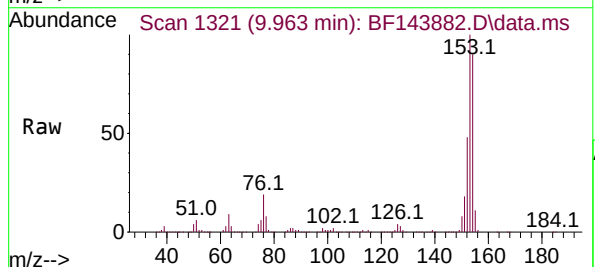
Manual Integrations
APPROVED

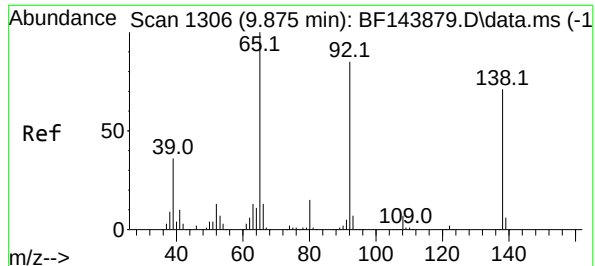
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 66.651 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1085733
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.7 42.2 63.2





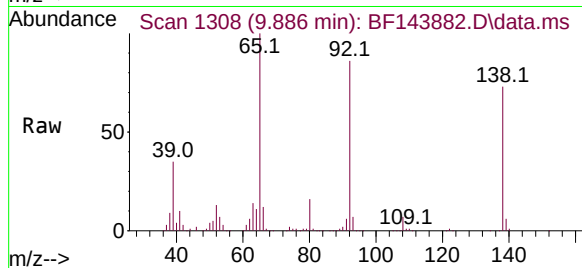
#53
3-Nitroaniline
Concen: 79.233 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

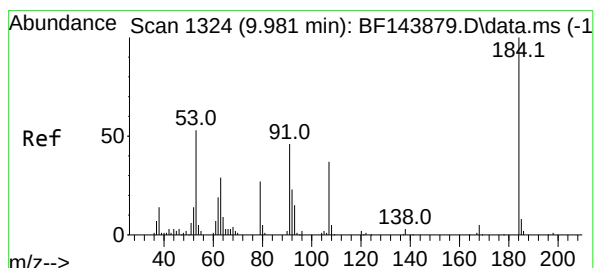
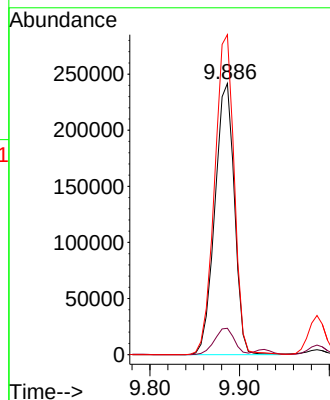
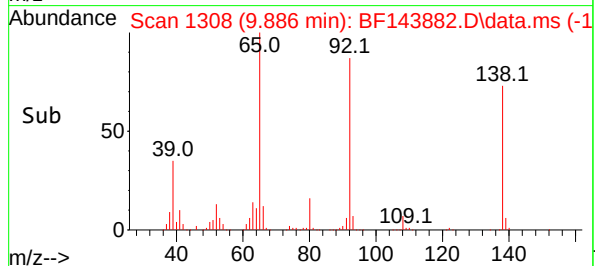
SSTDICC080



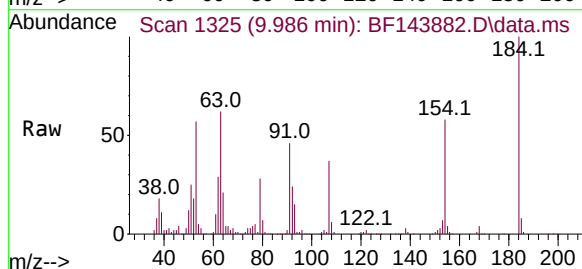
Tgt Ion:138 Resp: 365960
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 118.0 96.2 144.2

Manual Integrations
APPROVED

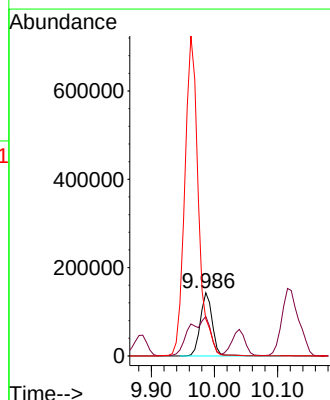
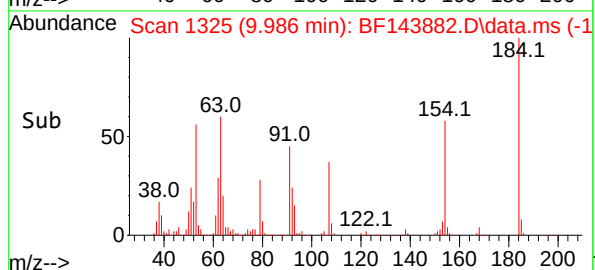
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

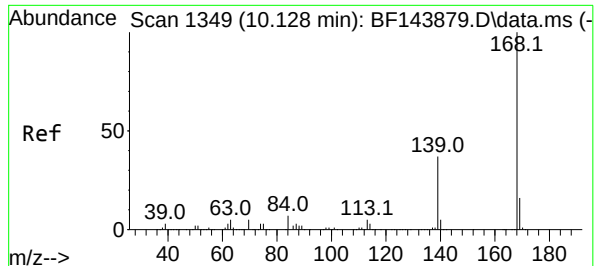


#54
2,4-Dinitrophenol
Concen: 80.556 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:184 Resp: 187560
Ion Ratio Lower Upper
184 100
63 62.4 48.2 72.4
154 58.5 49.2 73.8





#55

Dibenzenofuran

Concen: 63.998 ng

RT: 10.133 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 1471622

Ion Ratio Lower Upper

168 100

139 39.0 29.8 44.8

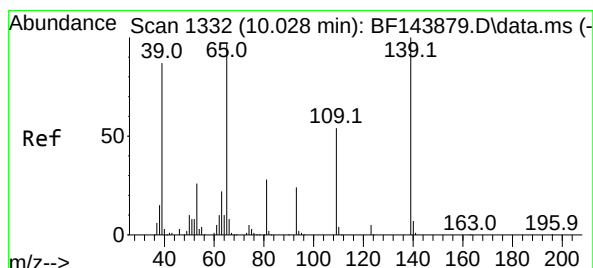
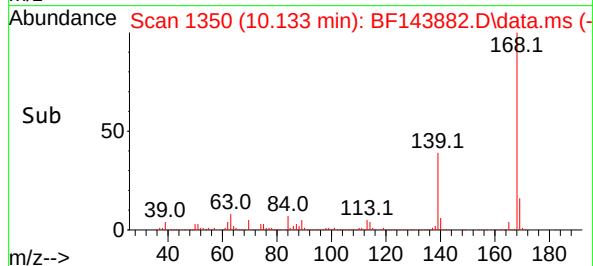
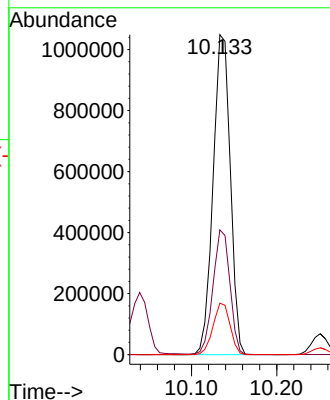
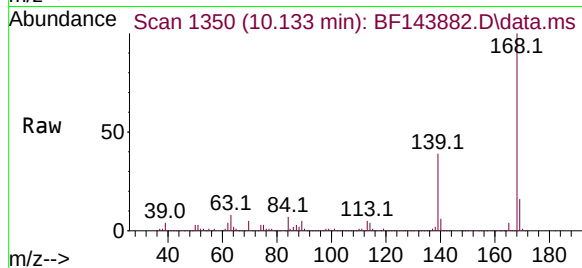
169 16.1 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 84.335 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

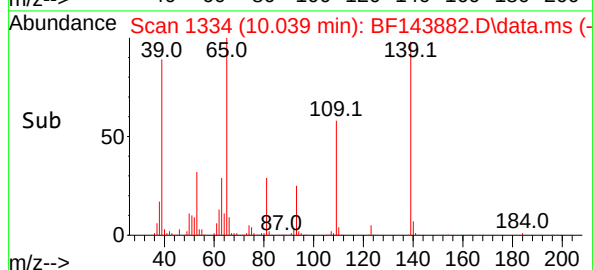
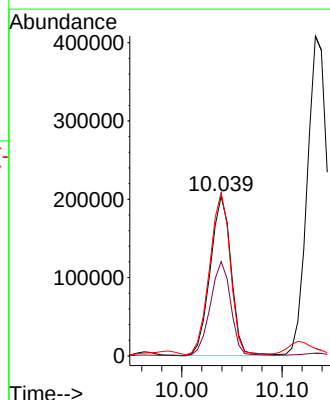
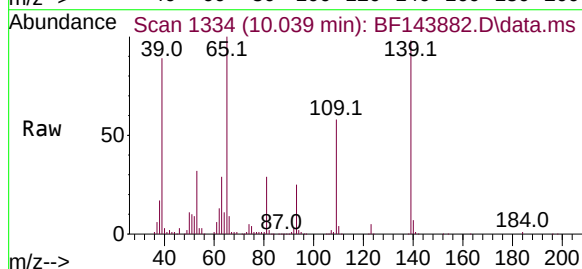
Tgt Ion:139 Resp: 294937

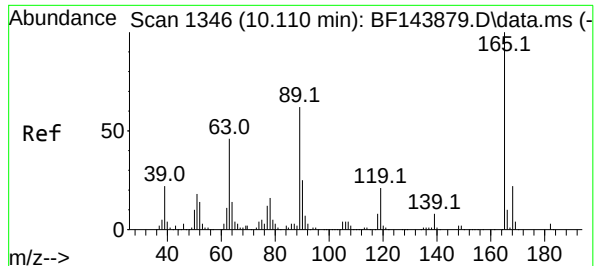
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

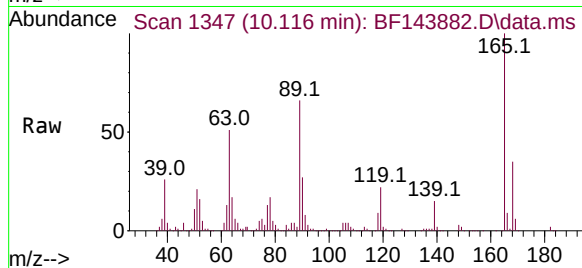
65 102.4 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 79.779 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

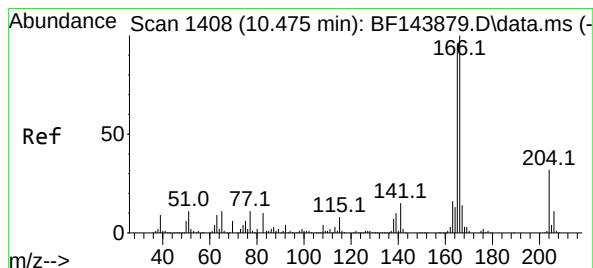
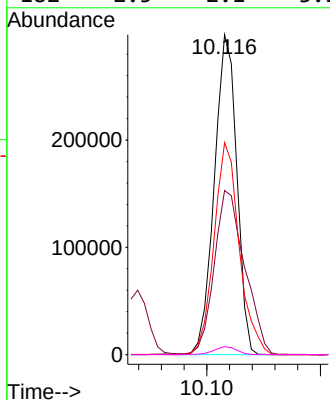
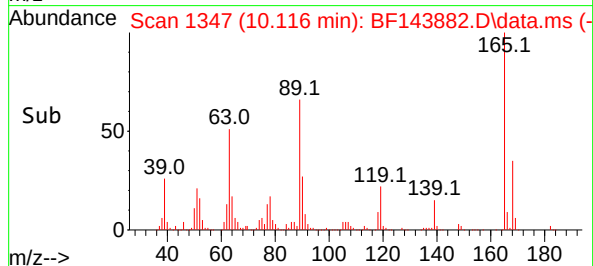
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



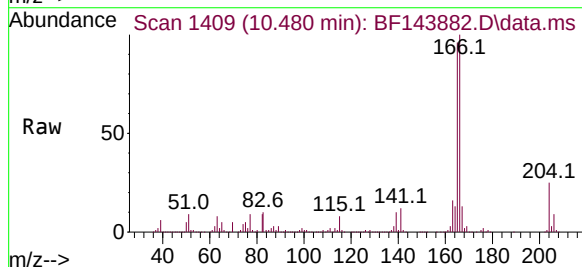
Tgt Ion:165 Resp: 409463
Ion Ratio Lower Upper
165 100
63 51.3 37.2 55.8
89 66.2 49.4 74.2
182 2.5 2.1 3.1

Manual Integrations
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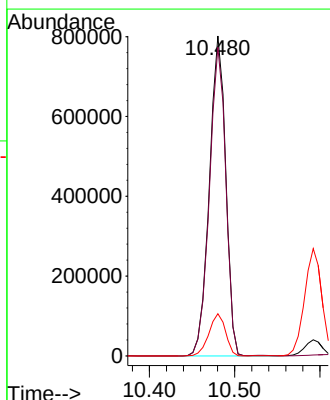
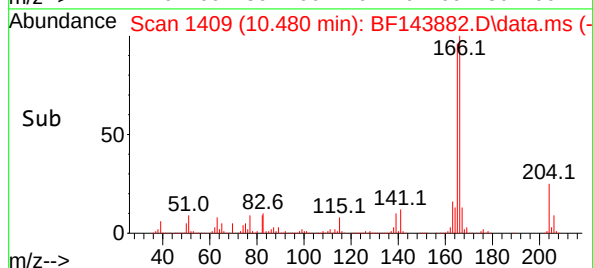
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

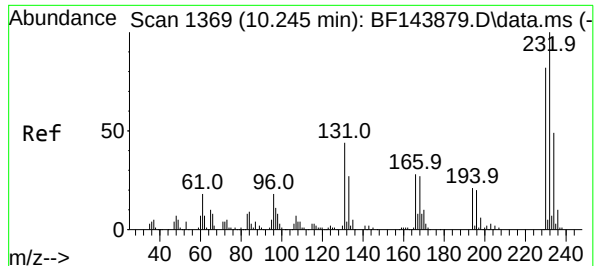


#58
Fluorene
Concen: 61.654 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



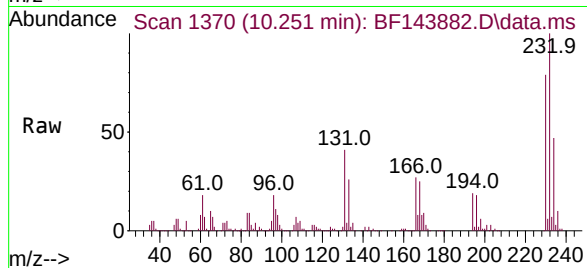
Tgt Ion:166 Resp: 1069764
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 76.170 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

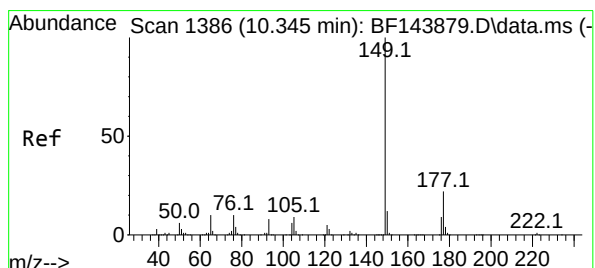
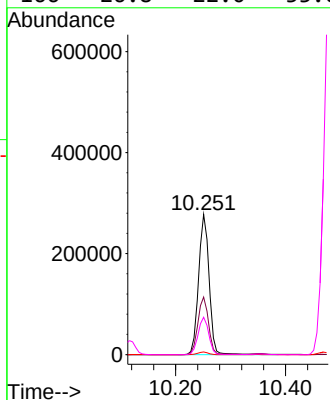
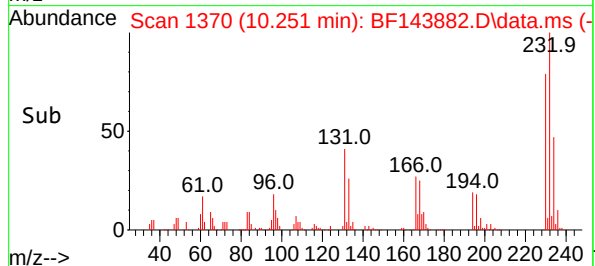
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



Tgt Ion: 232 Resp: 368599
Ion Ratio Lower Upper
232 100
131 41.5 34.9 52.3
130 1.8 1.6 2.4
166 26.8 22.0 33.0

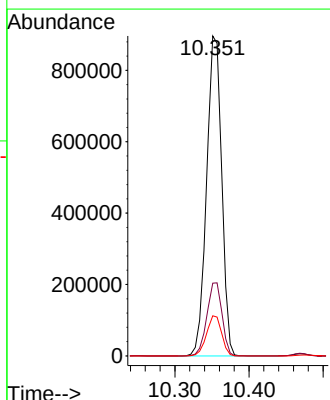
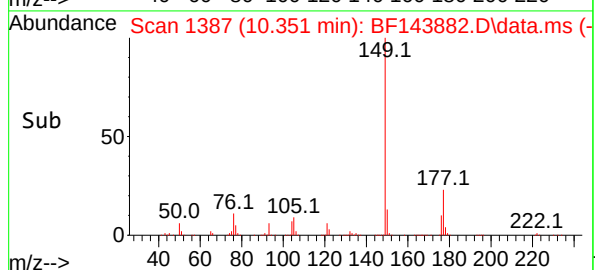
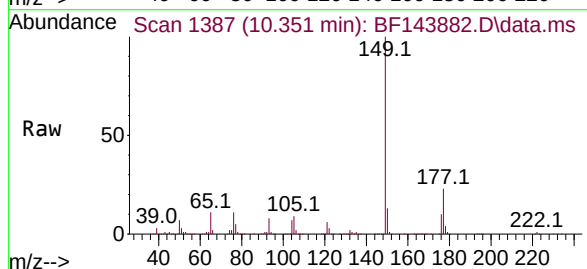
Manual Integrations
APPROVED

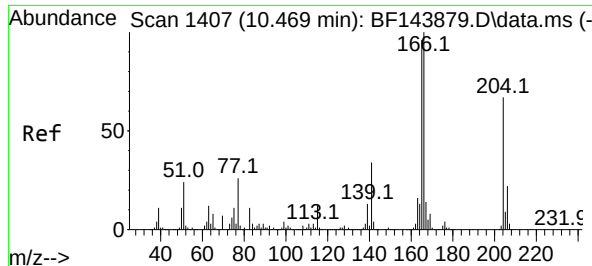
Reviewed By : Rahul Chavli 10/07/2025
Supervised By : Jagrut Upadhyay 10/07/2025



#60
Diethylphthalate
Concen: 67.047 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

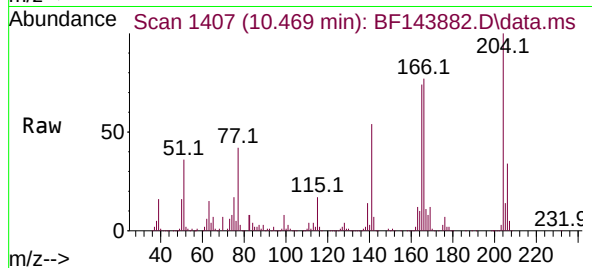
Tgt Ion: 149 Resp: 1267085
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 62.357 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

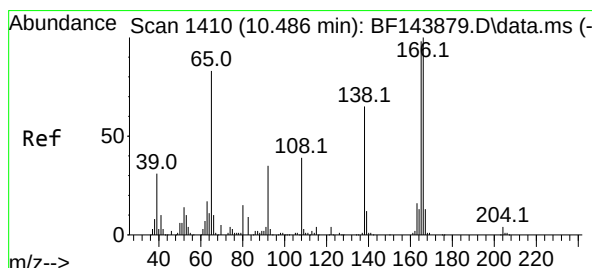
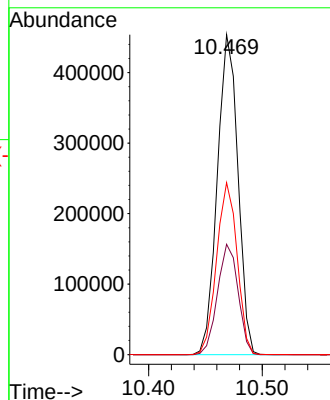
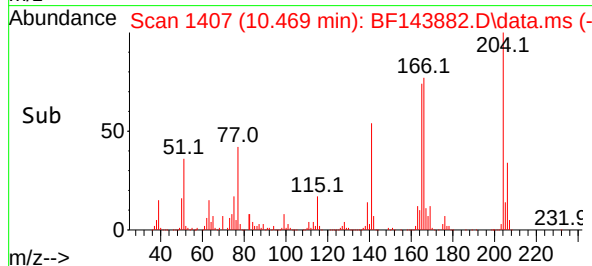
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



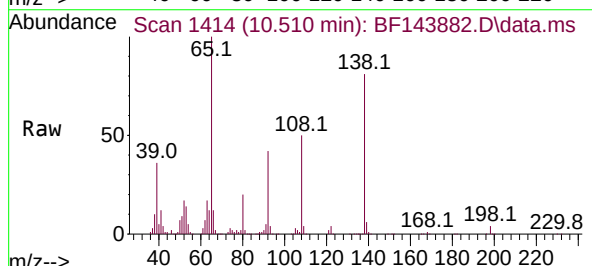
Tgt Ion:204 Resp: 572035
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 53.7 40.4 60.6

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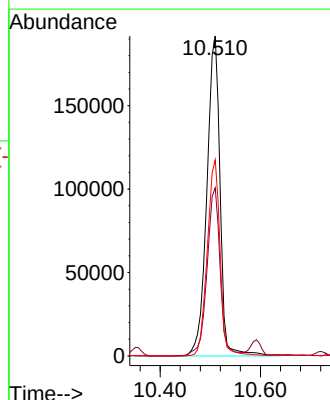
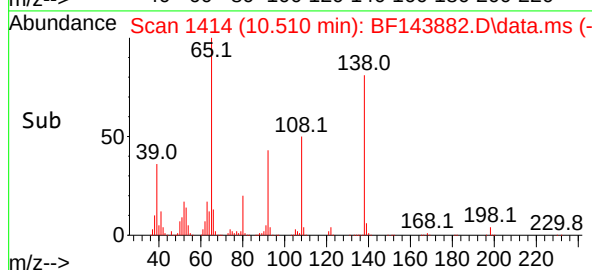
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

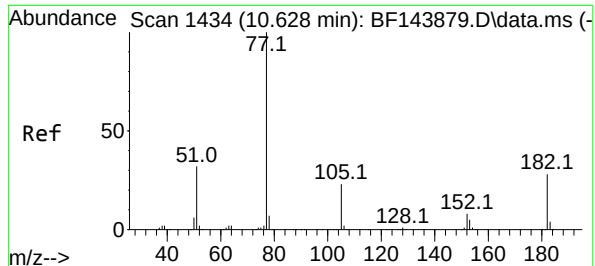


#62
4-Nitroaniline
Concen: 79.169 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



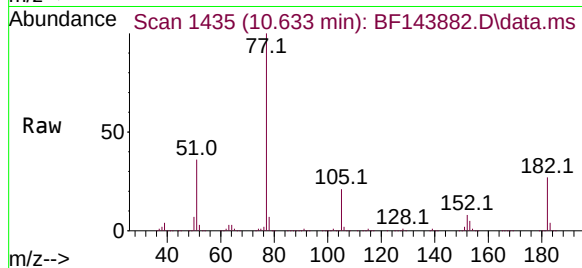
Tgt Ion:138 Resp: 351634
Ion Ratio Lower Upper
138 100
92 52.5 33.9 73.9
108 61.3 40.2 80.2





#63
Azobenzene
Concen: 68.446 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

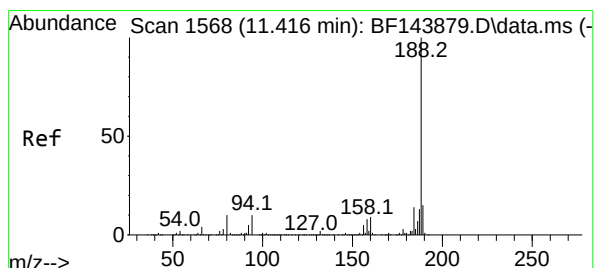
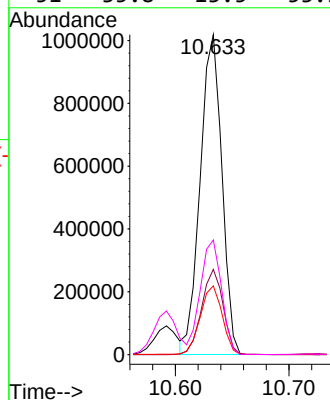
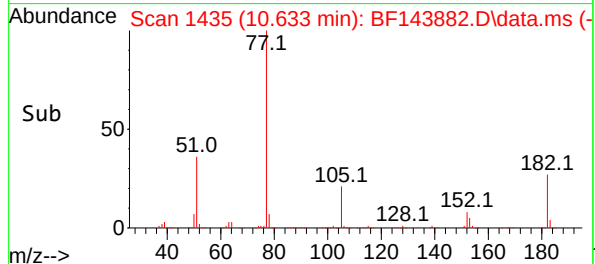
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



Tgt Ion: 77 Resp: 1351920
Ion Ratio Lower Upper
77 100
182 26.7 7.3 47.3
105 21.5 3.0 43.0
51 35.8 13.5 53.5

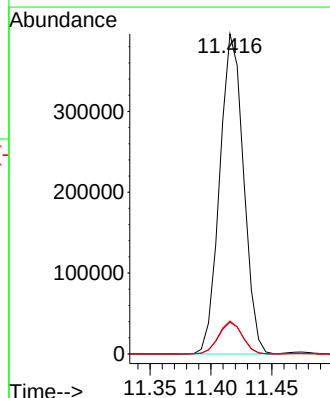
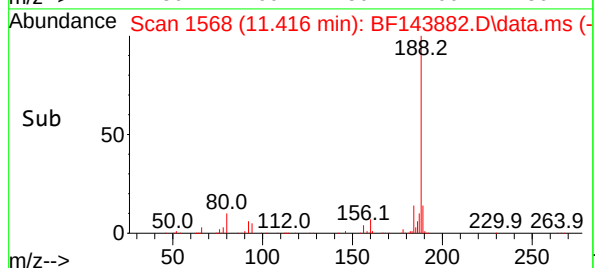
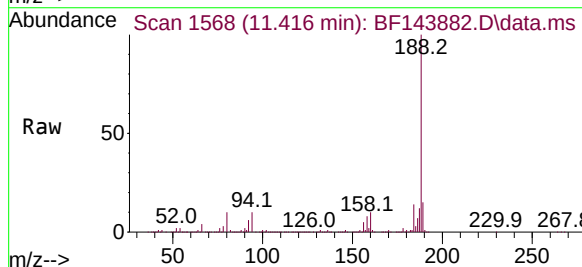
Manual Integrations
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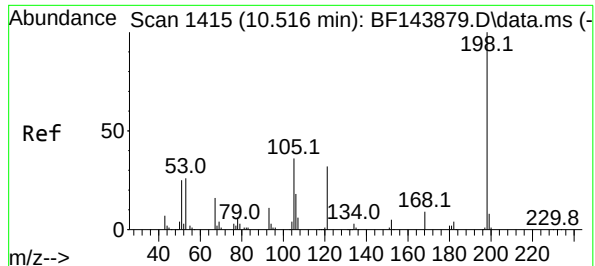
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

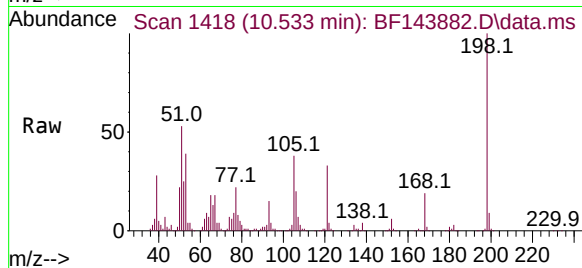
Tgt Ion:188 Resp: 540366
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 87.227 ng
RT: 10.533 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

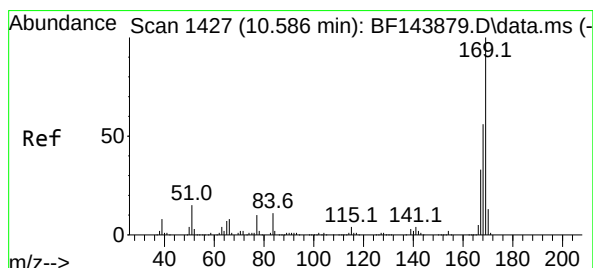
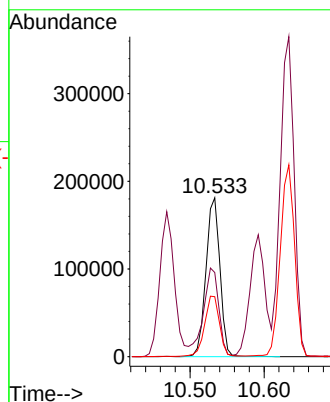
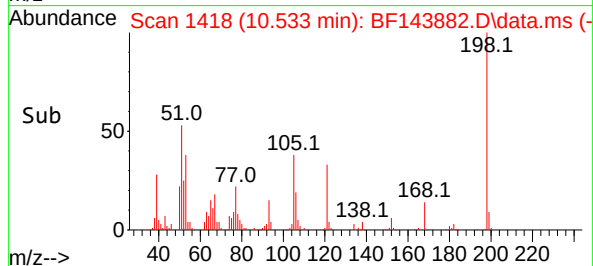
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



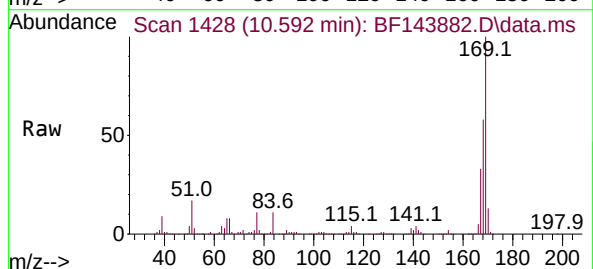
Tgt Ion:198 Resp: 236863
Ion Ratio Lower Upper
198 100
51 53.0 33.8 73.8
105 37.7 17.0 57.0

Manual Integrations
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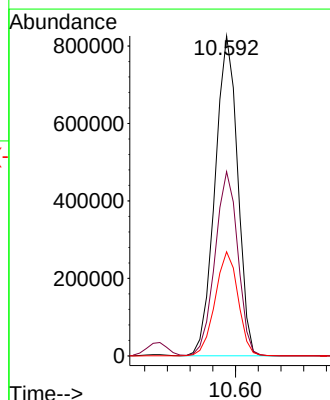
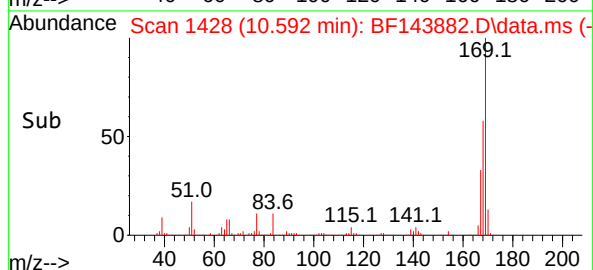
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

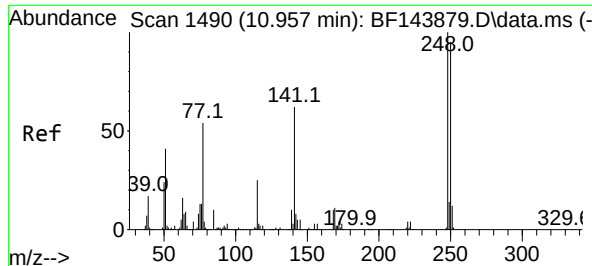


#66
n-Nitrosodiphenylamine
Concen: 67.159 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:169 Resp: 1139482
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.5 26.3 39.5





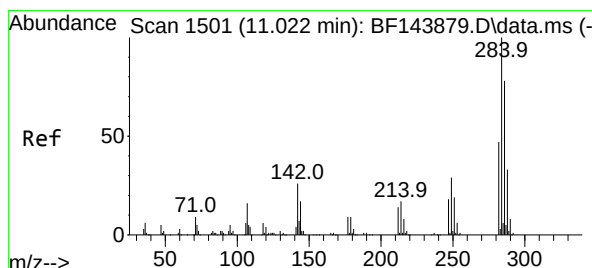
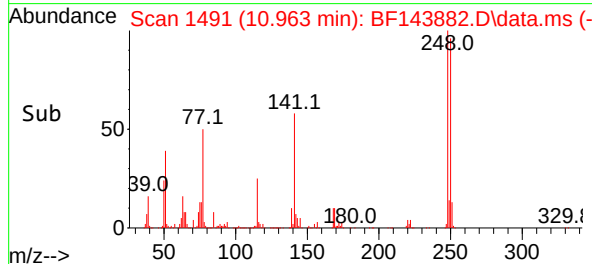
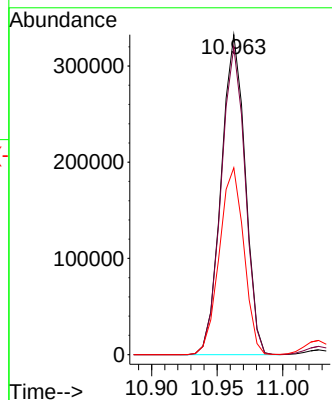
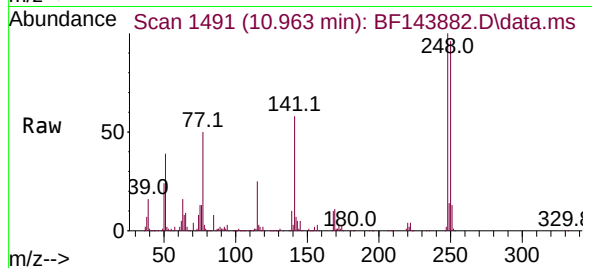
#67
4-Bromophenyl-phenylether
Concen: 70.857 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 423148
Ion Ratio Lower Upper
248 100
250 96.2 76.3 114.5
141 58.4 49.7 74.5

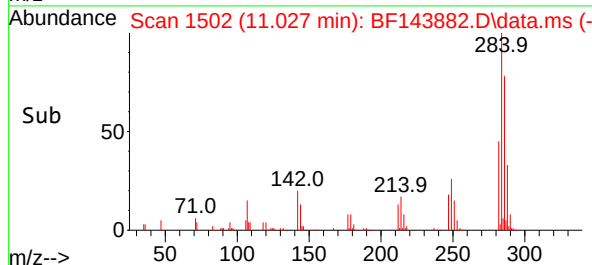
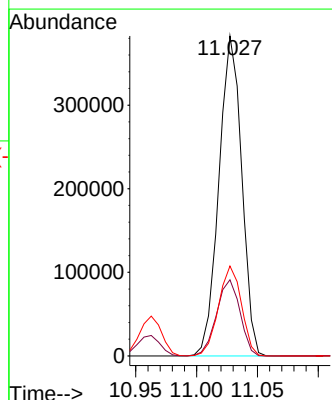
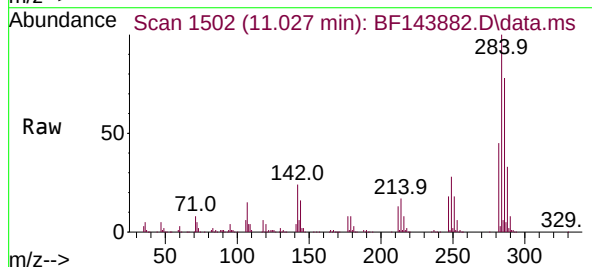
Manual Integrations
APPROVED

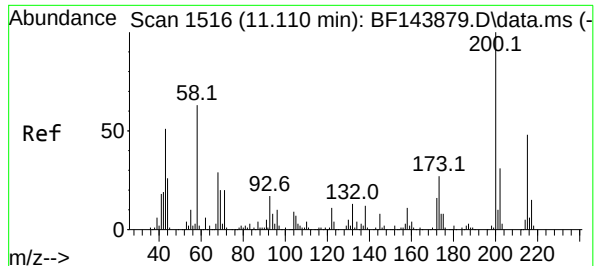
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 72.118 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:284 Resp: 498602
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 28.1 23.2 34.8





#69

Atrazine

Concen: 67.621 ng

RT: 11.121 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 347749

Ion Ratio Lower Upper

200 100

173 28.0 7.0 47.0

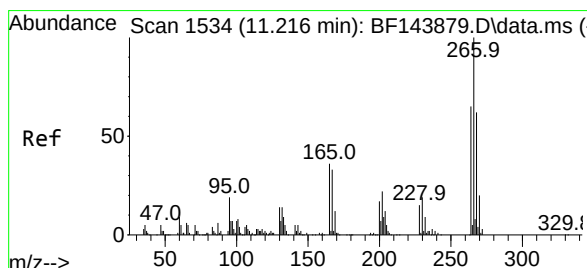
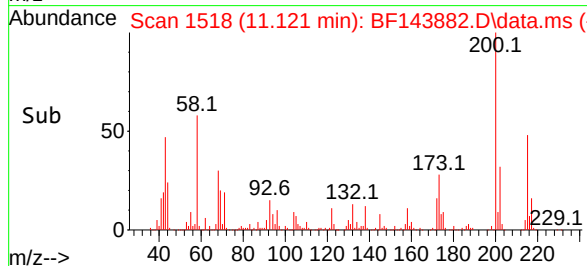
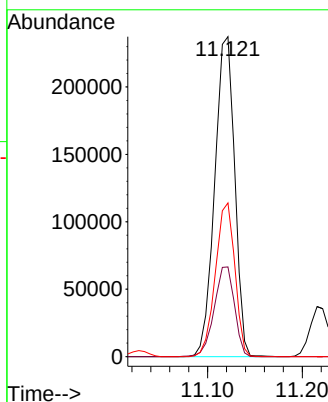
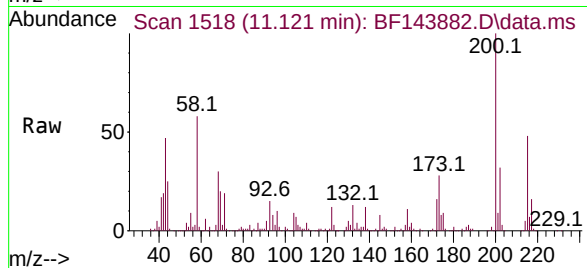
215 48.0 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 80.208 ng

RT: 11.221 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

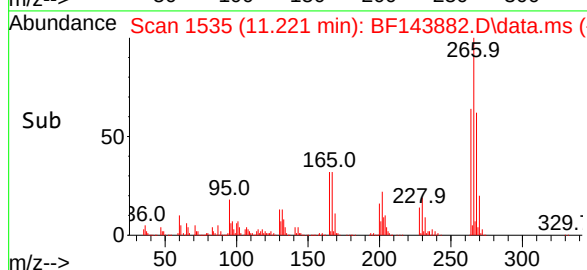
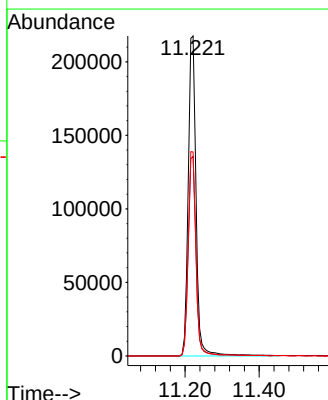
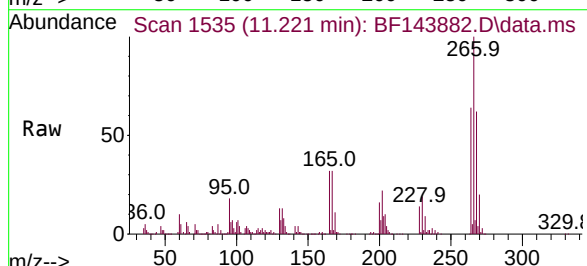
Tgt Ion:266 Resp: 318486

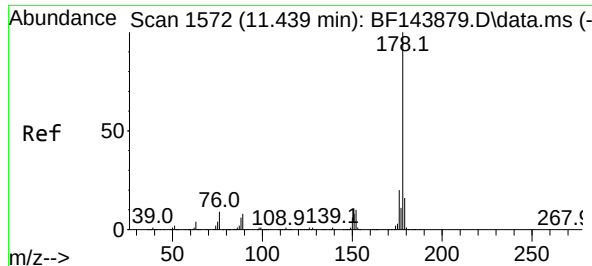
Ion Ratio Lower Upper

266 100

268 62.3 49.4 74.0

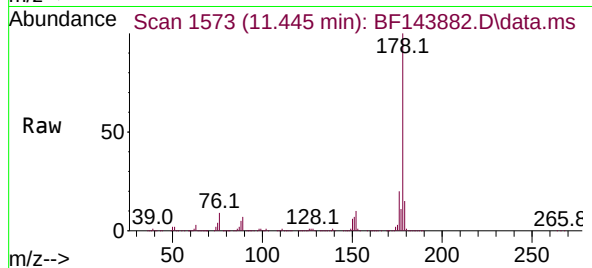
264 63.7 51.8 77.6





#71
Phenanthrene
Concen: 63.980 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

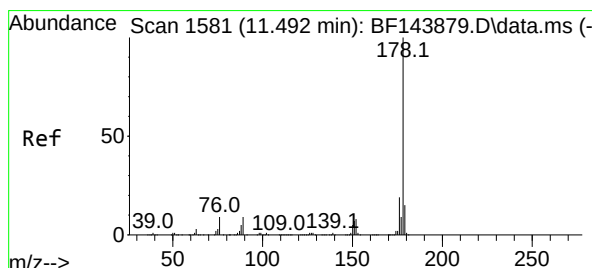
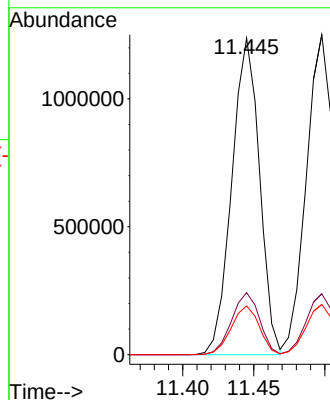
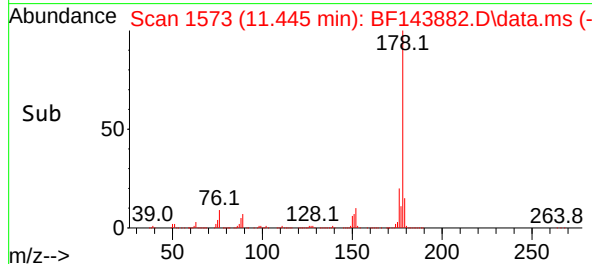
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1676081
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.4 12.4 18.6

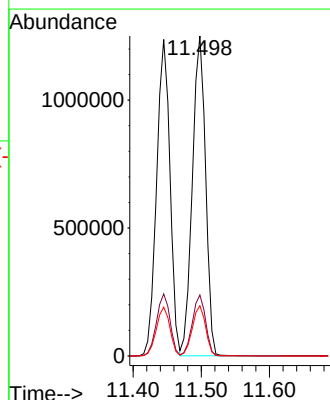
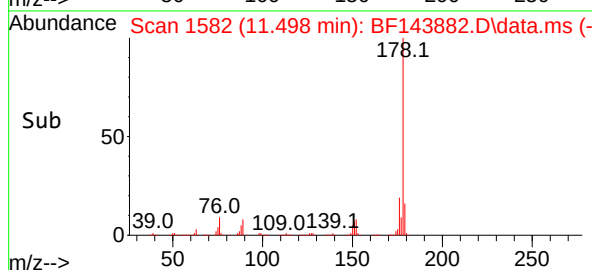
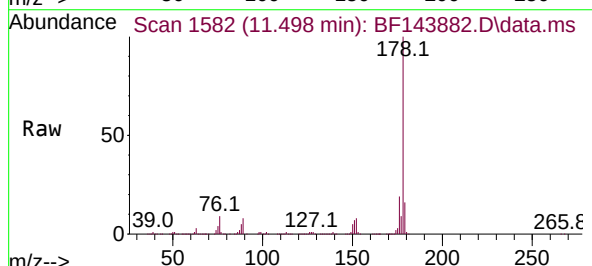
Manual Integrations
APPROVED

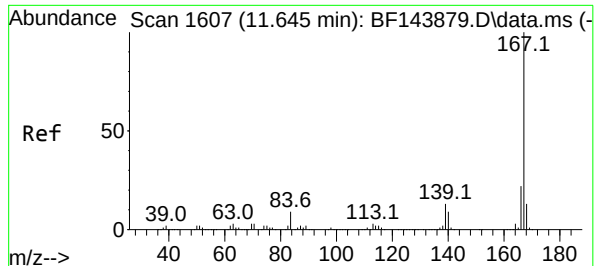
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 63.814 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

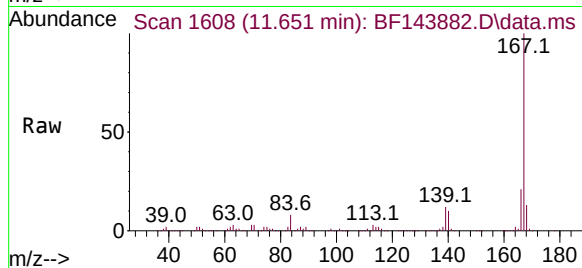
Tgt Ion:178 Resp: 1688865
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2





#73
Carbazole
Concen: 64.832 ng
RT: 11.651 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

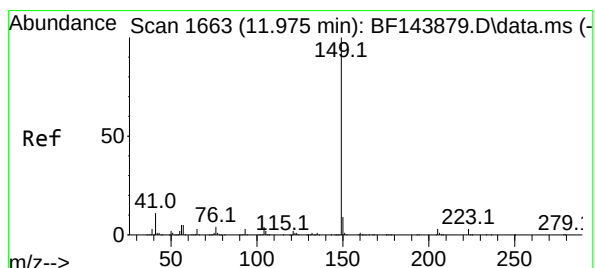
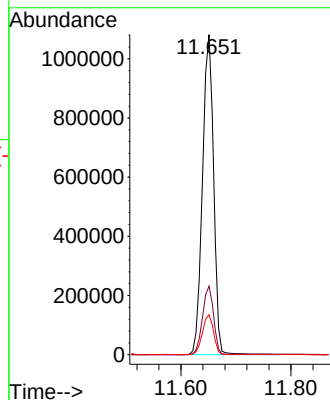
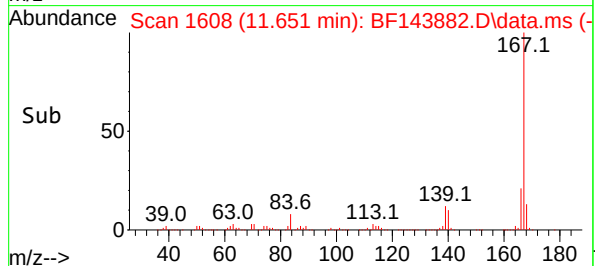
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



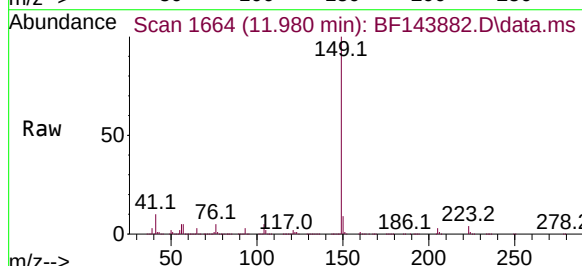
Tgt Ion:167 Resp: 1519615
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.5 10.1 15.1

Manual Integrations
APPROVED

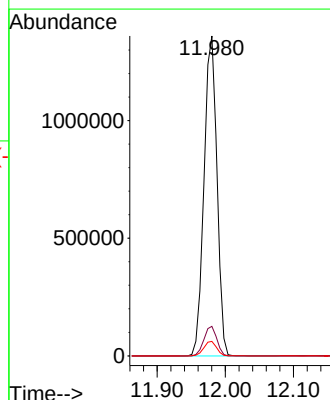
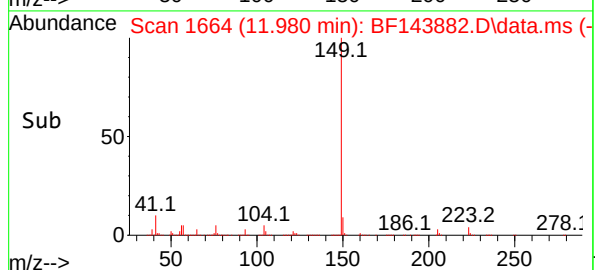
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

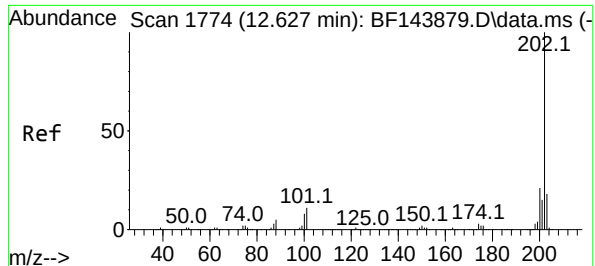


#74
Di-n-butylphthalate
Concen: 66.034 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:149 Resp: 1793855
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.4 5.2





#75

Fluoranthene

Concen: 63.059 ng

RT: 12.633 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 1706368

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

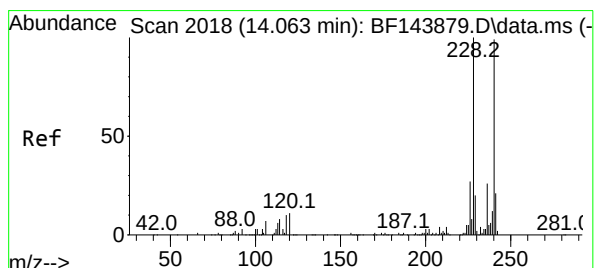
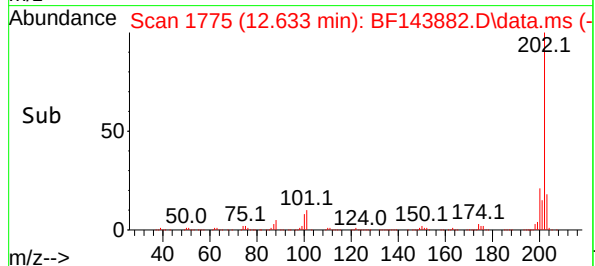
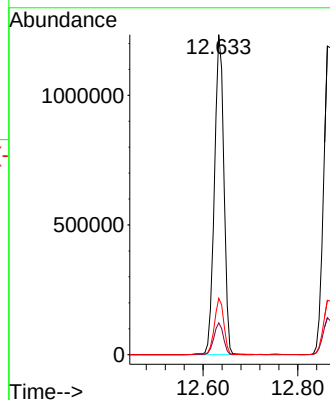
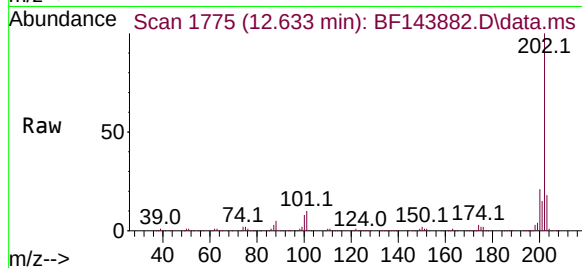
203 17.6 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

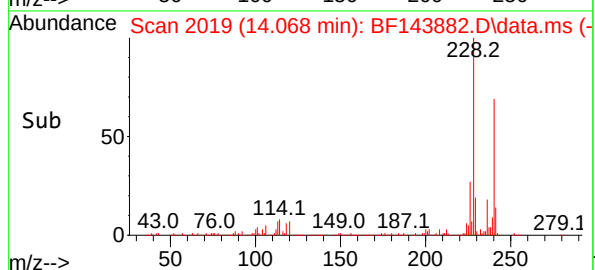
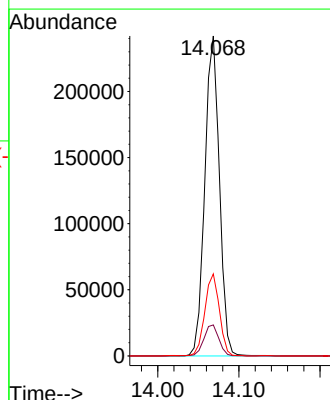
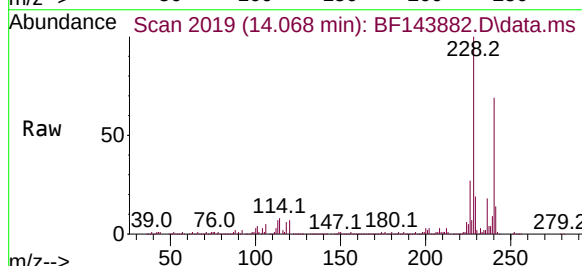
Tgt Ion:240 Resp: 302500

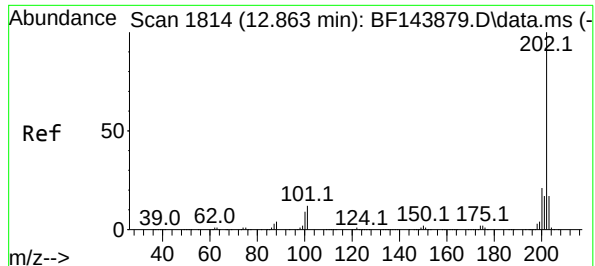
Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

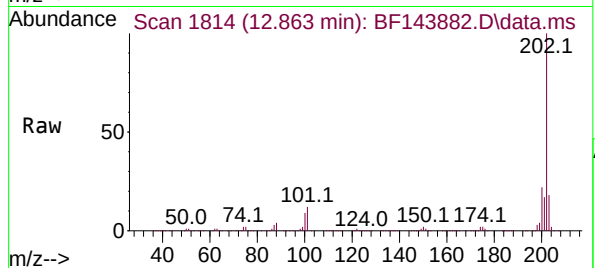
236 25.6 21.1 31.7





#78
Pyrene
Concen: 68.126 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

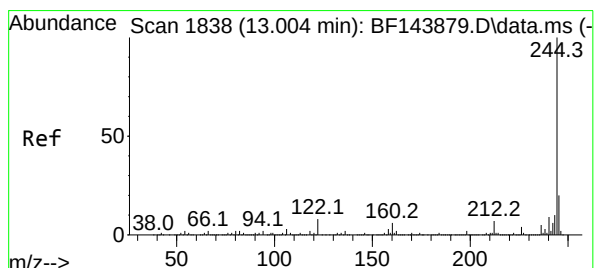
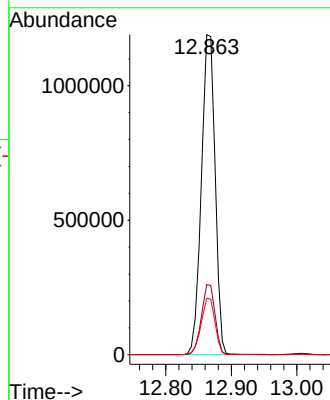
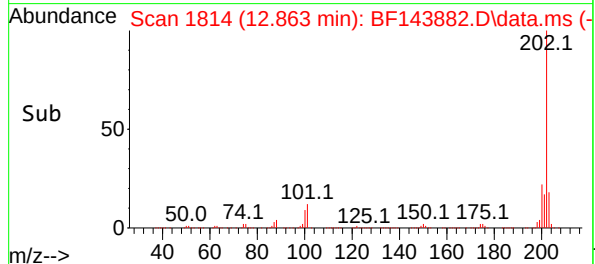
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



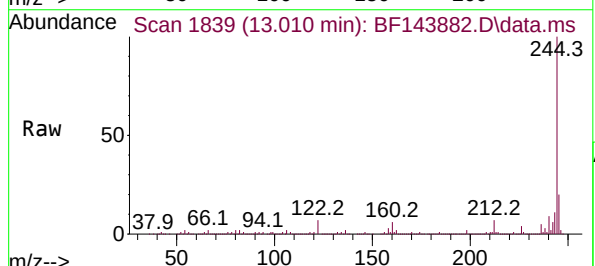
Tgt Ion:202 Resp: 1718085
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 17.6 13.8 20.6

Manual Integrations
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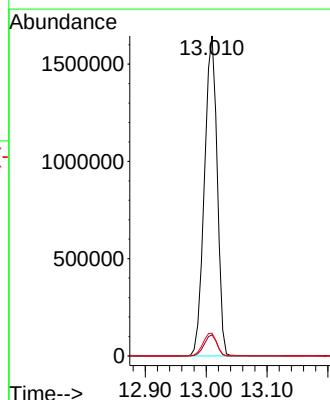
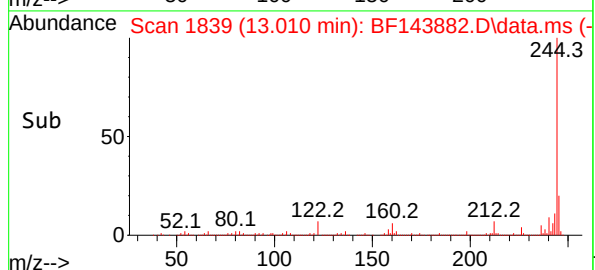
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

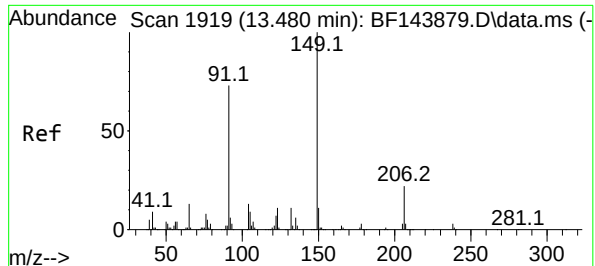


#79
Terphenyl-d14
Concen: 134.604 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:244 Resp: 2382437
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 7.1 6.4 9.6





#80

Butylbenzylphthalate

Concen: 77.349 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

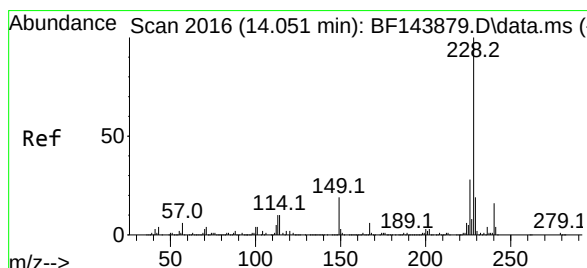
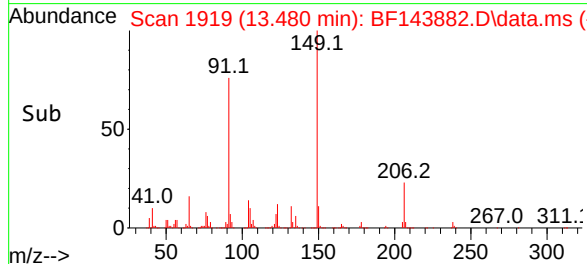
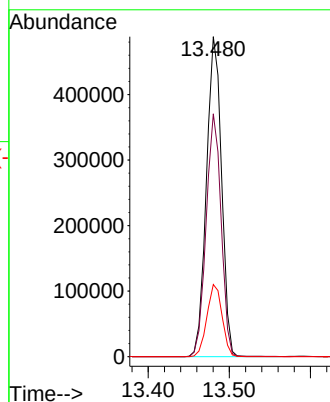
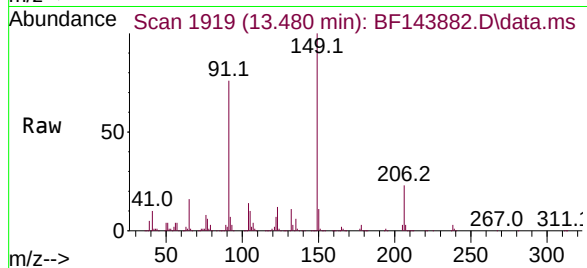
Tgt Ion:	149	Resp:	633516
Ion Ratio	Lower	Upper	
149	100		
91	75.9	58.2	87.2
206	22.5	17.9	26.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#81

Benzo(a)anthracene

Concen: 73.238 ng

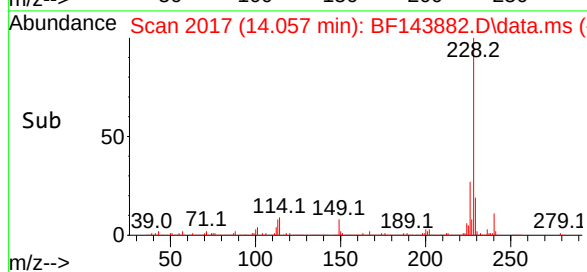
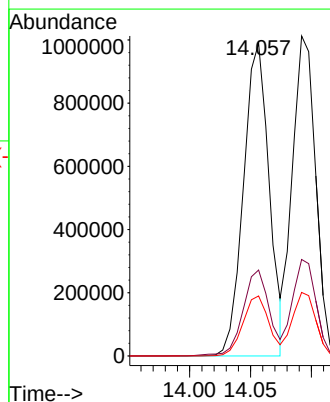
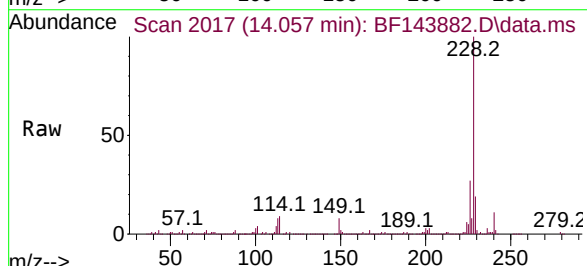
RT: 14.057 min Scan# 2017

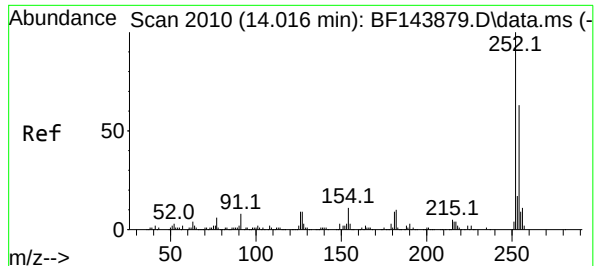
Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:	228	Resp:	1449801
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.2
229	19.2	15.6	23.4





#82

3,3'-Dichlorobenzidine

Concen: 76.476 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 461359

Ion Ratio Lower Upper

252 100

254 64.7 50.6 76.0

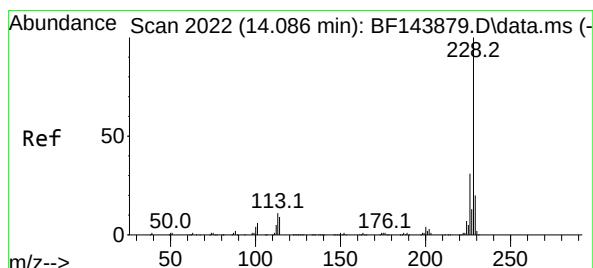
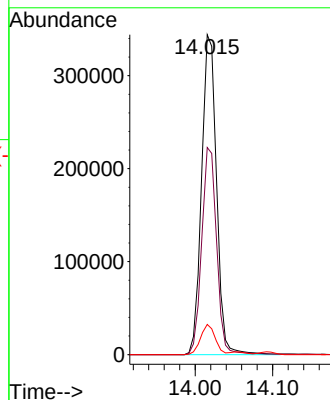
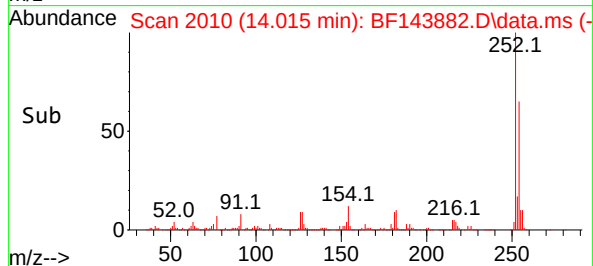
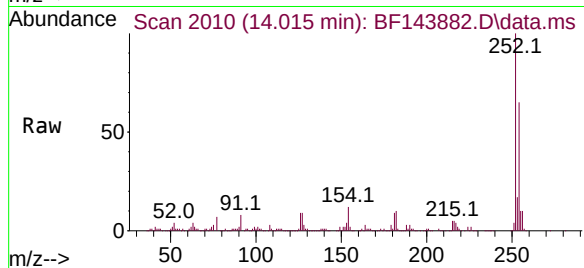
126 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#83

Chrysene

Concen: 73.645 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

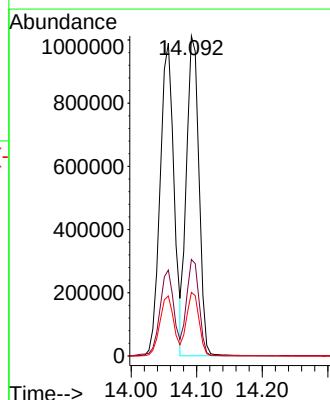
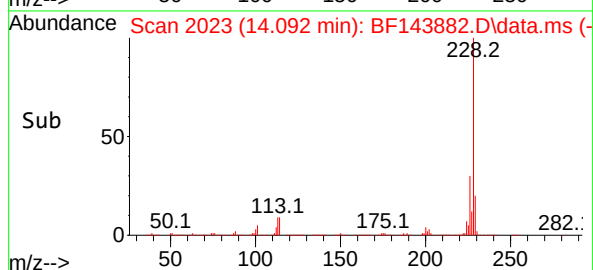
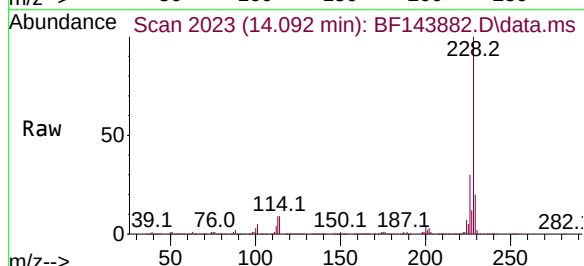
Tgt Ion:228 Resp: 1349286

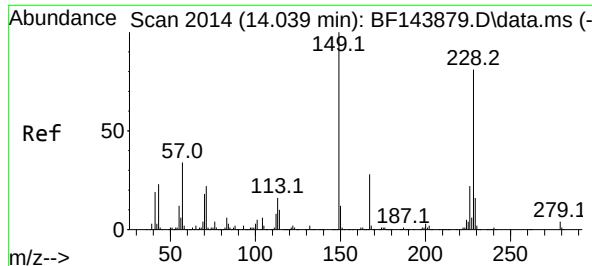
Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

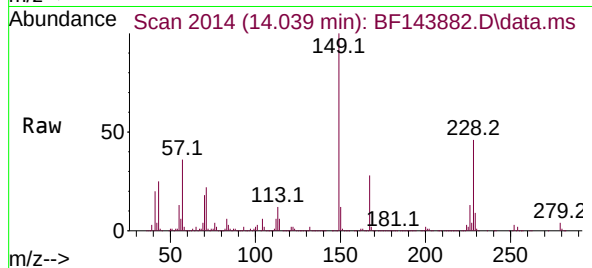
229 19.8 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 75.897 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

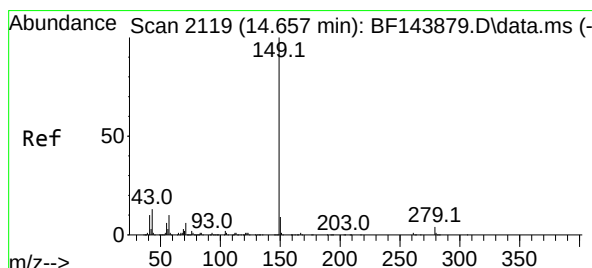
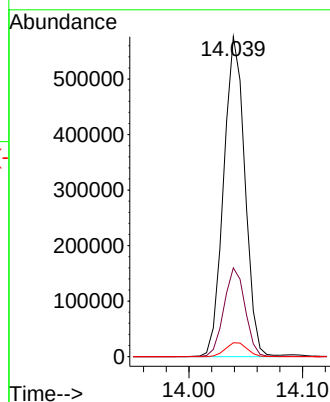
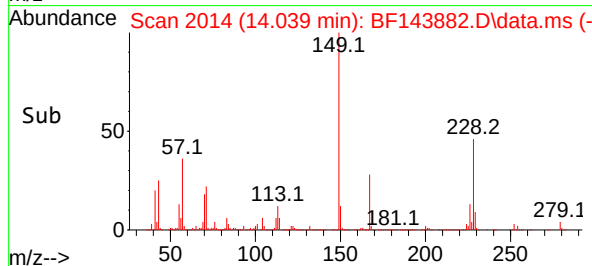
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



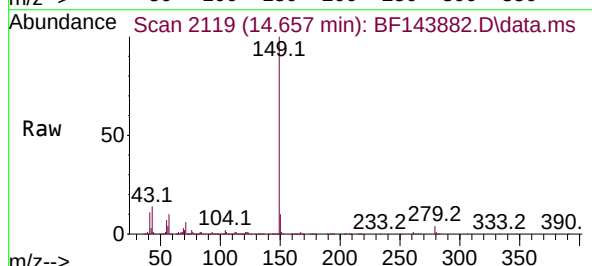
Tgt Ion:149 Resp: 74932
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.3 3.1 4.7

Manual Integrations
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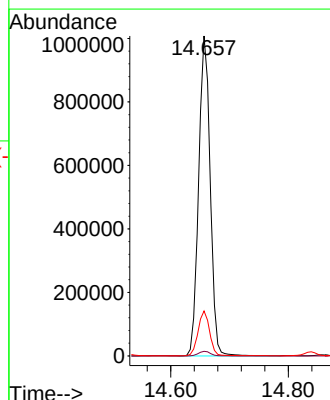
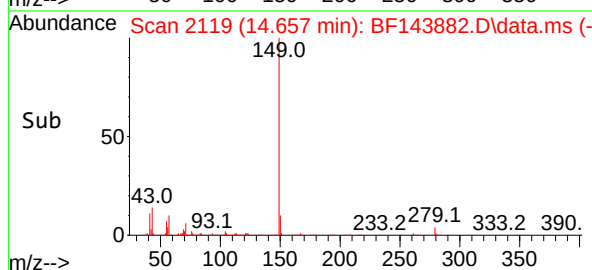
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

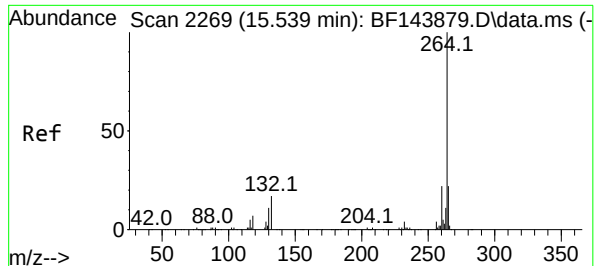


#85
Di-n-octyl phthalate
Concen: 84.532 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:149 Resp: 1370760
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.1 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

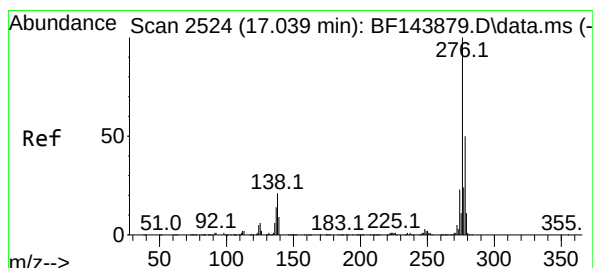
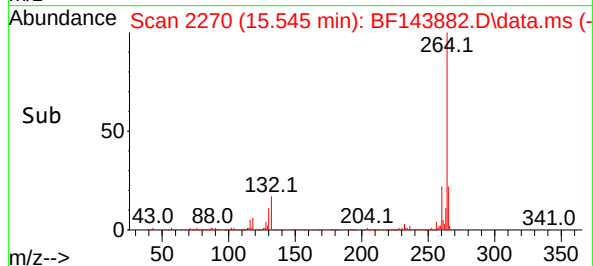
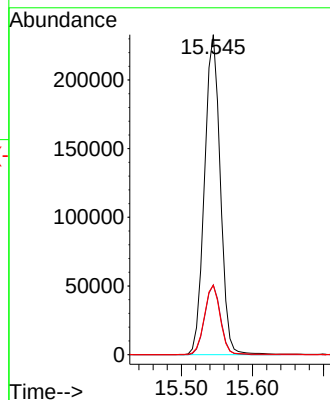
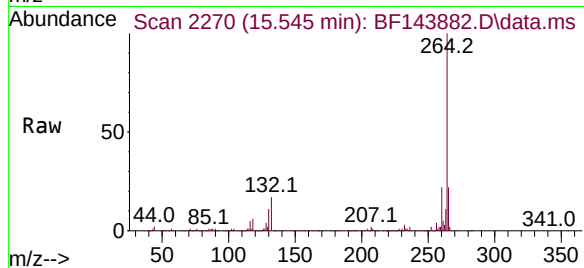
SSTDICC080

Tgt Ion:	264	Resp:	35791
Ion Ratio	Lower	Upper	
264	100		
260	21.8	17.8	26.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.478 ng

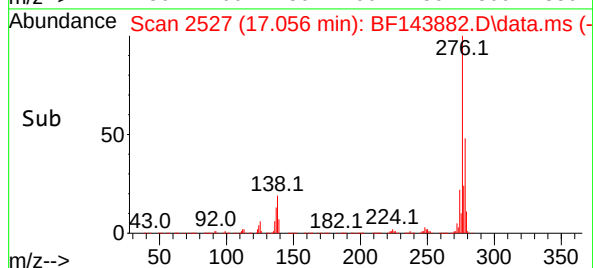
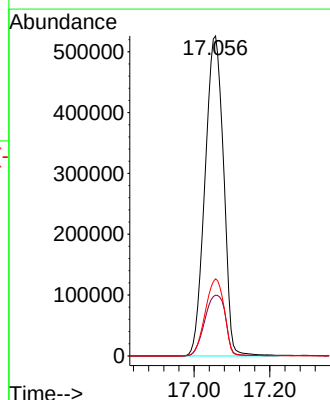
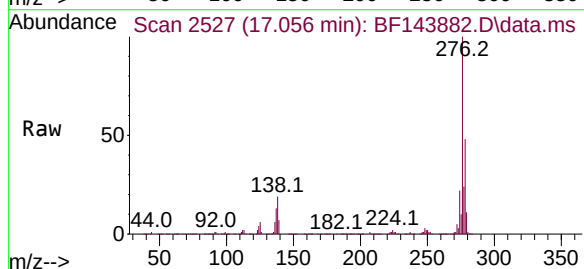
RT: 17.056 min Scan# 2527

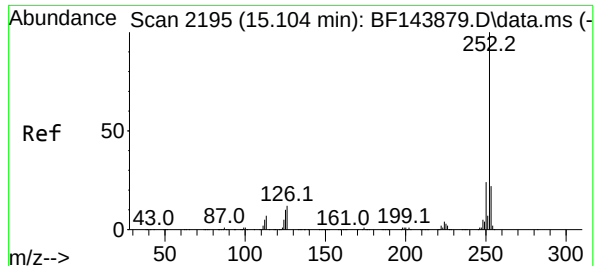
Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:	276	Resp:	1786876
Ion Ratio	Lower	Upper	
276	100		
138	21.5	18.2	27.2
277	24.7	19.8	29.6





#88

Benzo(b)fluoranthene

Concen: 69.645 ng

RT: 15.115 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1431875

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

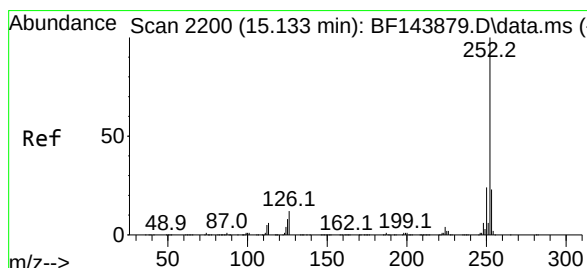
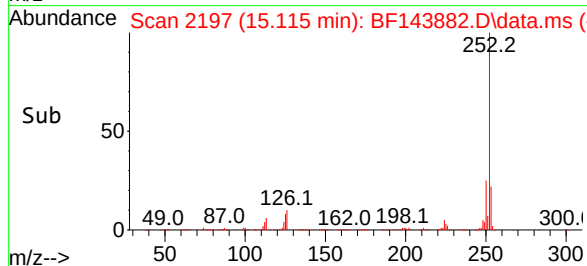
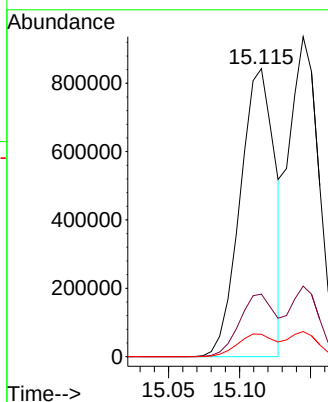
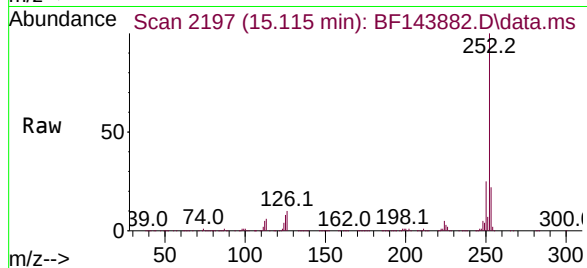
125 7.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#89

Benzo(k)fluoranthene

Concen: 71.595 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

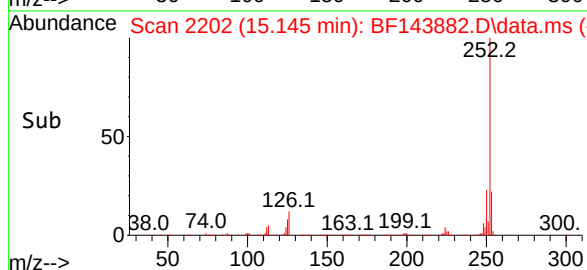
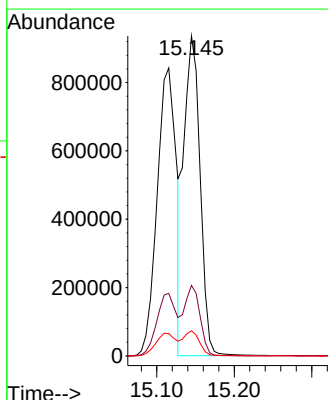
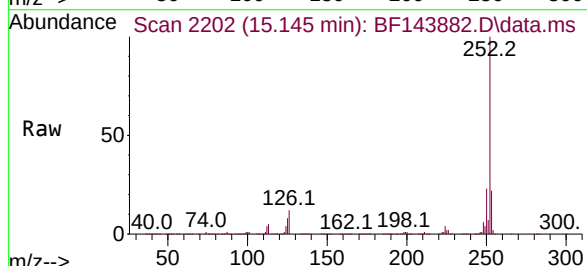
Tgt Ion:252 Resp: 1362026

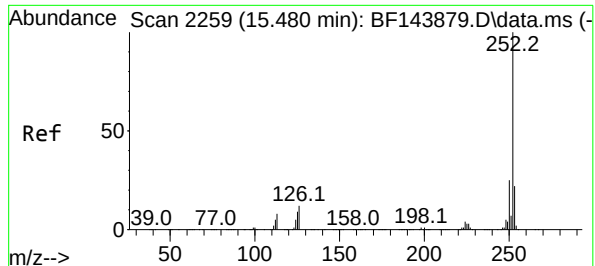
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.8 7.4 11.2





#90

Benzo(a)pyrene

Concen: 74.151 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1321893

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

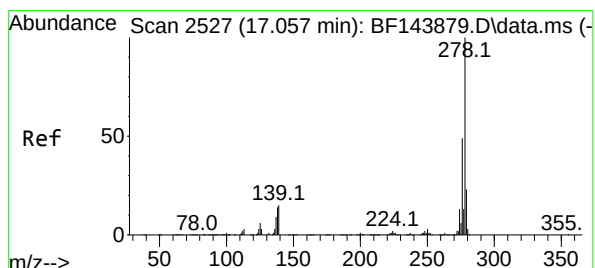
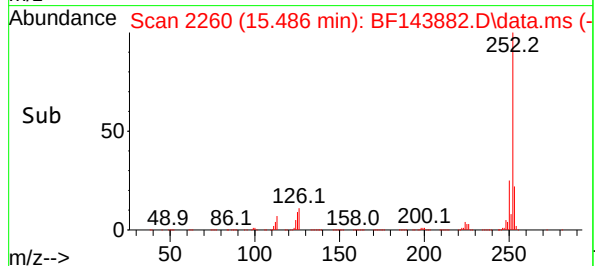
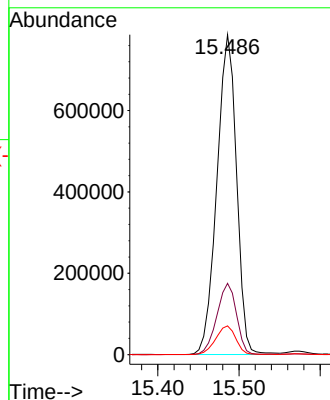
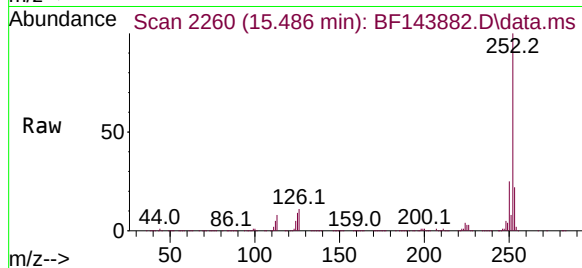
125 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#91

Dibenzo(a,h)anthracene

Concen: 78.895 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

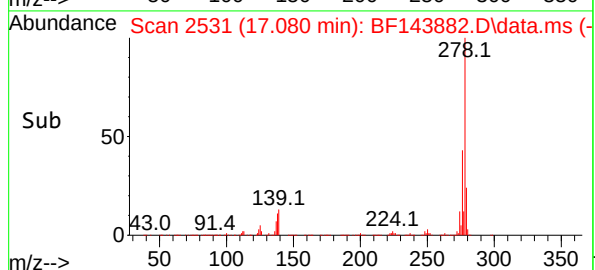
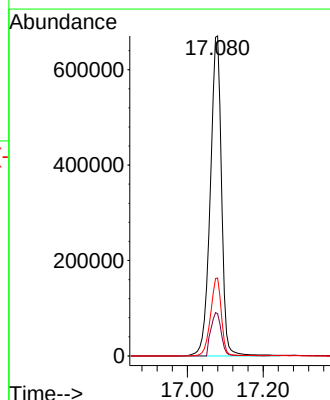
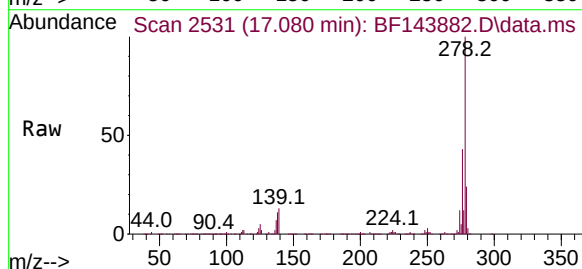
Tgt Ion:278 Resp: 1391562

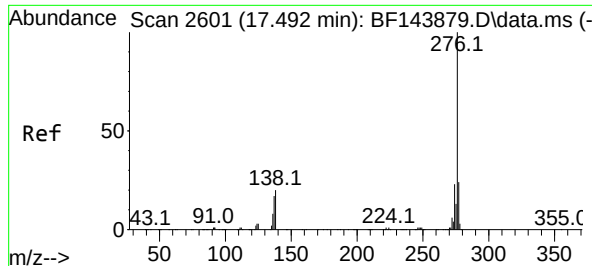
Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

279 24.3 18.4 27.6





#92

Benzo(g,h,i)perylene

Concen: 82.305 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

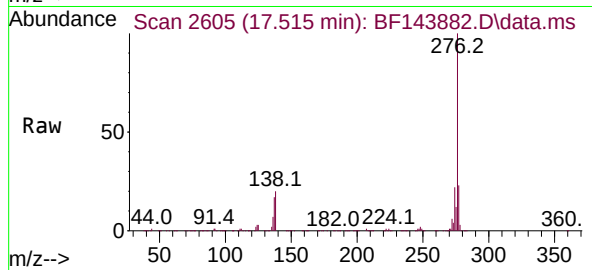
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 145172

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

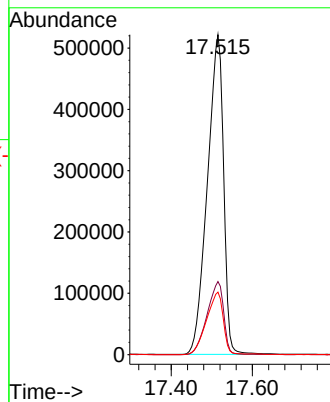
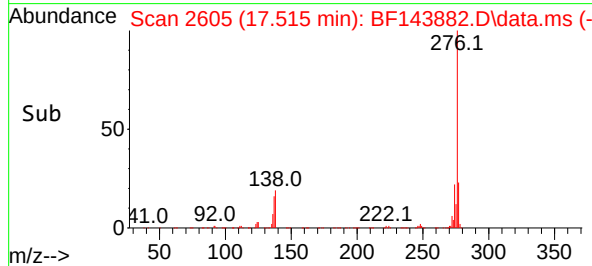
138 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.652	88	123809	37.256	ng	99
3) Pyridine	3.410	79	341125	35.261	ng	99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng	97
6) Aniline	6.545	93	486607	37.937	ng	99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng	98
9) Benzaldehyde	6.434	77	245247	37.141	ng	99
10) Phenol	6.516	94	383770m	37.501	ng	
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng	99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng	100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng	100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng	99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng	99
17) 2-Methylphenol	7.128	107	222497	38.352	ng	96
18) Hexachloroethane	7.398	117	104363	37.755	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng	98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng	94
22) Acetophenone	7.292	105	358014	37.713	ng	96
24) Nitrobenzene	7.463	77	309611	37.727	ng	100
25) Isophorone	7.704	82	550779	35.347	ng	99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng	99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng	98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng	98
31) Naphthalene	8.186	128	749110	36.679	ng	99
32) Benzoic acid	7.904	122	154019	35.162	ng	98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng	98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng	95
35) Caprolactam	8.598	113	79102	37.736	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng	99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng	99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng	98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng	96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng	98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng	97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng	99
49) Acenaphthylene	9.786	152	785697	40.859	ng	99
50) Dimethylphthalate	9.645	163	565953	35.968	ng	99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng	99
52) Acenaphthene	9.957	154	452513	35.913	ng	99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng	95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng	# 42
55) Dibenzofuran	10.127	168	653073	36.717	ng	99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng	96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng	99
58) Fluorene	10.475	166	476811	35.527	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng	93
60) Diethylphthalate	10.345	149	533574	36.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng	96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng	99
63) Azobenzene	10.627	77	562787	36.837	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng	96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng	95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng	99
69) Atrazine	11.110	200	160244	39.016	ng	98
70) Pentachlorophenol	11.216	266	104958	33.097	ng	99
71) Phenanthrene	11.439	178	743609	35.542	ng	99
72) Anthracene	11.492	178	766674	36.273	ng	99
73) Carbazole	11.645	167	678522	36.246	ng	99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng	99
75) Fluoranthene	12.627	202	778418	36.019	ng	99
77) Benzidine	12.751	184	409653	45.411	ng	98
78) Pyrene	12.863	202	789075	36.431	ng	99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng	98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng	99
83) Chrysene	14.086	228	594668	37.792	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng	99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng	98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng	99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng	100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng	97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng	98

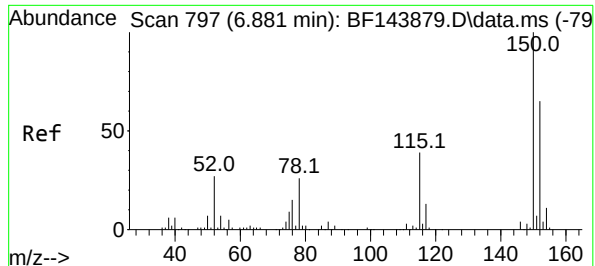
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025





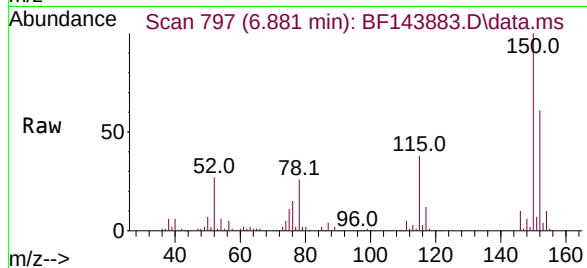
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

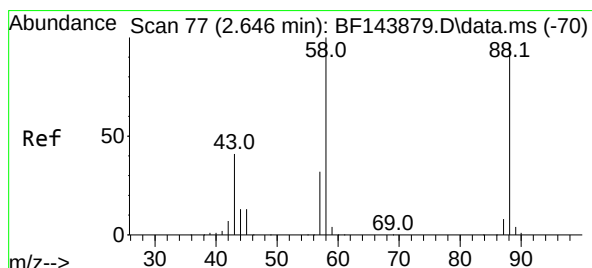
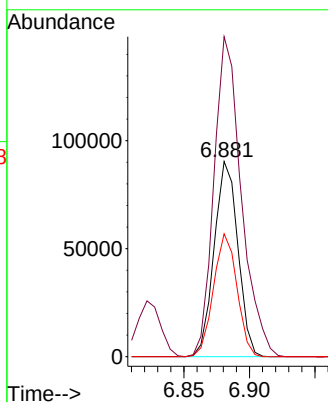
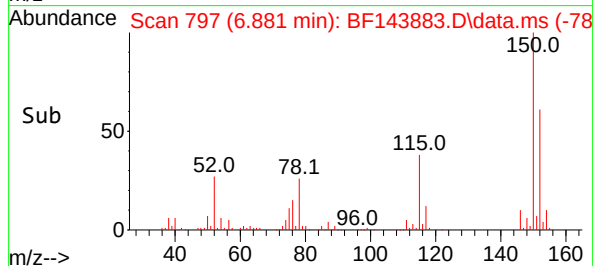
ICVBF100625



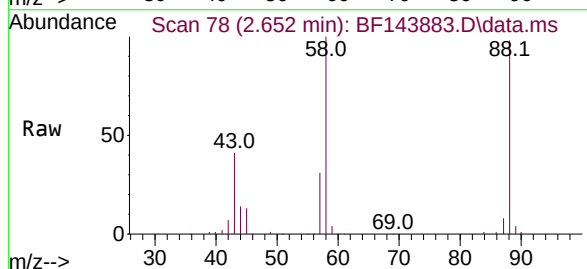
Tgt Ion:152 Resp: 114039
Ion Ratio Lower Upper
152 100
150 164.0 124.4 186.6
115 62.9 48.1 72.1

Manual Integrations
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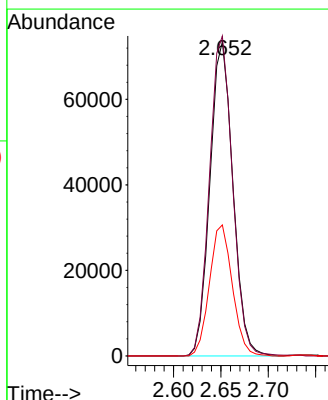
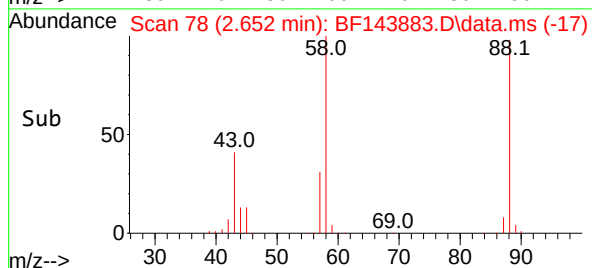
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

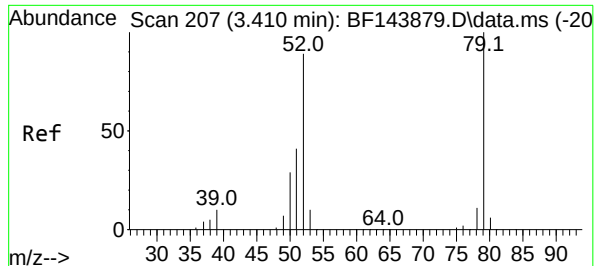


#2
1,4-Dioxane
Concen: 37.256 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion: 88 Resp: 123809
Ion Ratio Lower Upper
88 100
58 102.6 83.0 124.6
43 41.5 33.9 50.9





#3

Pyridine

Concen: 35.261 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

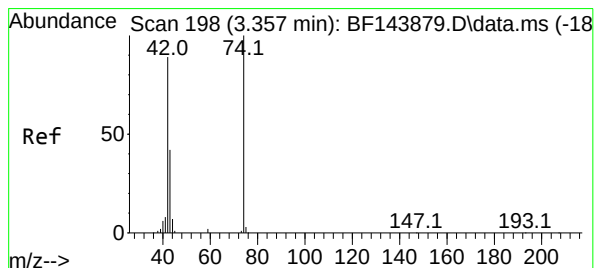
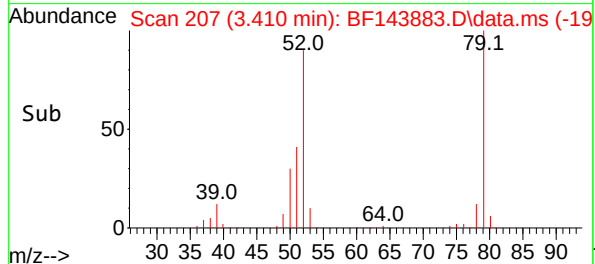
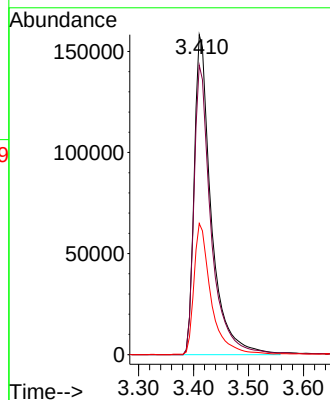
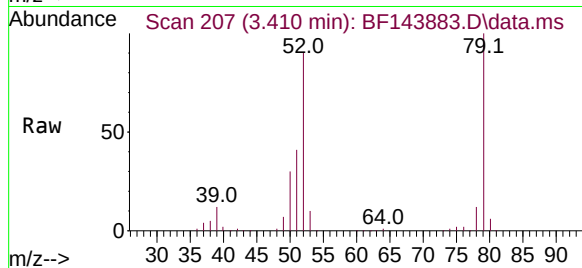
ICVBF100625

Tgt Ion:	79	Resp:	341125
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.5	107.3
51	41.0	32.9	49.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

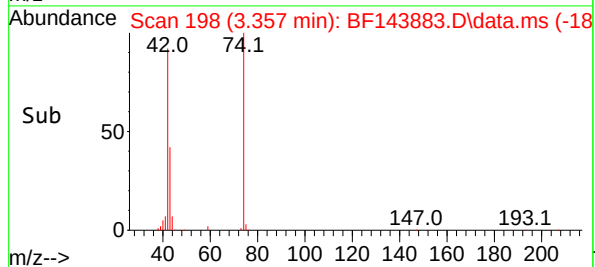
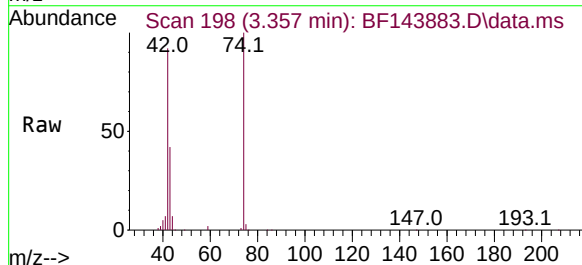
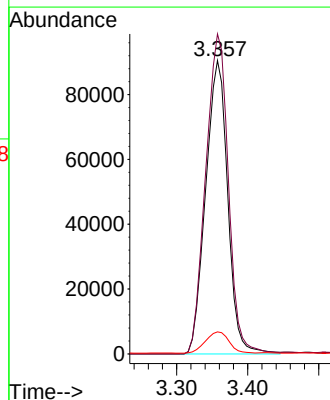
RT: 3.357 min Scan# 198

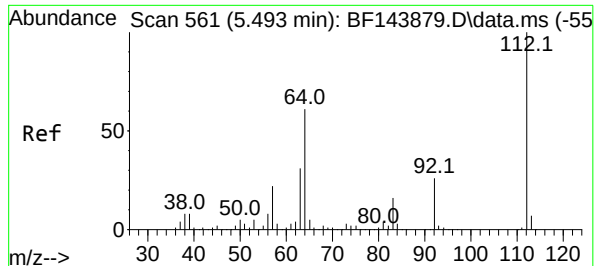
Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:	42	Resp:	195710
Ion	Ratio	Lower	Upper
42	100		
74	109.1	90.0	135.0
44	7.5	6.2	9.2





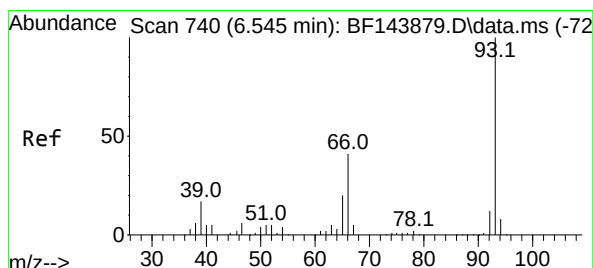
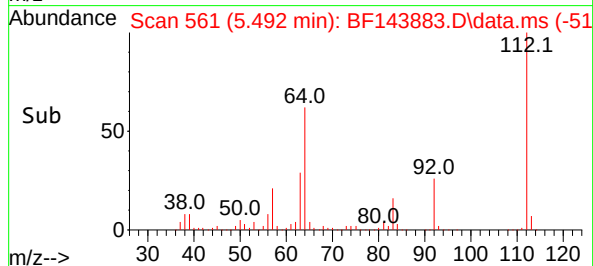
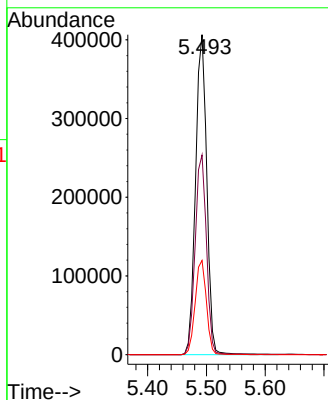
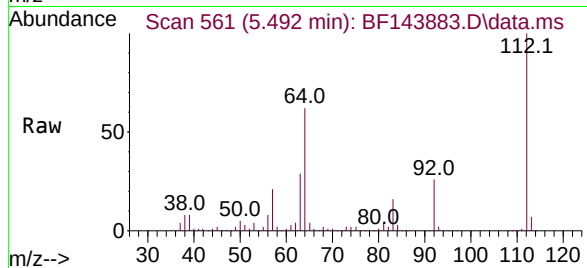
#5
2-Fluorophenol
Concen: 74.908 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 112 Resp: 53794
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.4 24.5 36.7

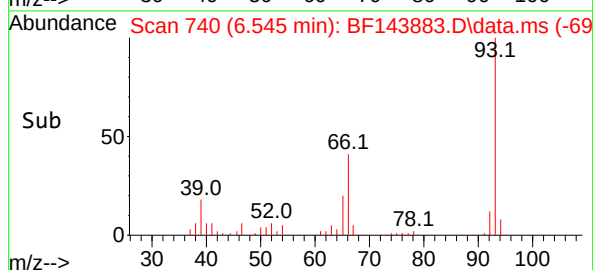
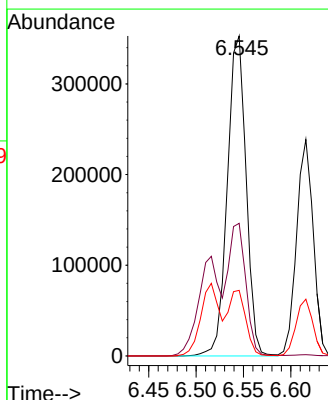
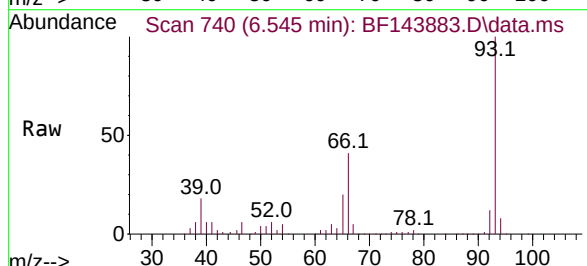
Manual Integrations
APPROVED

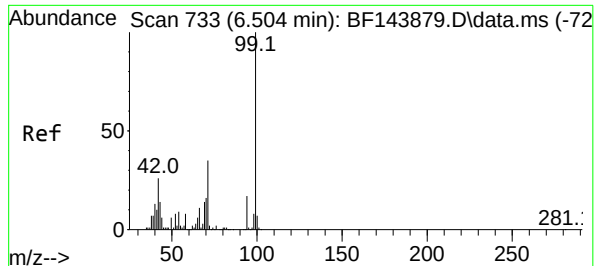
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 37.937 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

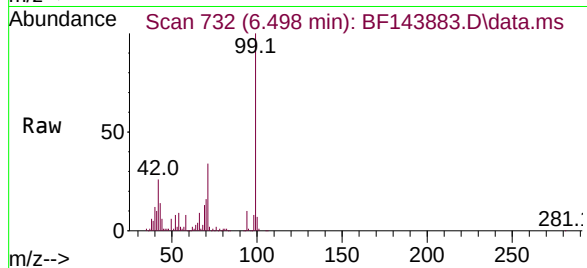
Tgt Ion: 93 Resp: 486607
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 20.5 15.8 23.8





#7
Phenol-d6
Concen: 74.487 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

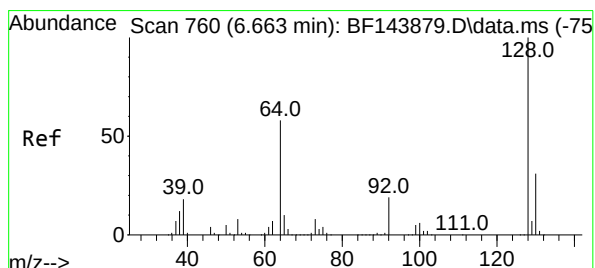
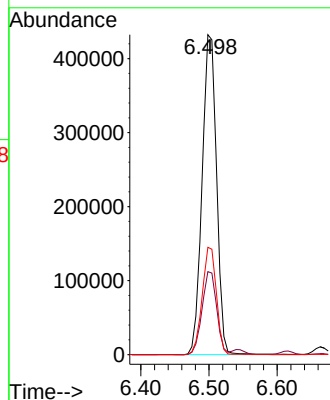
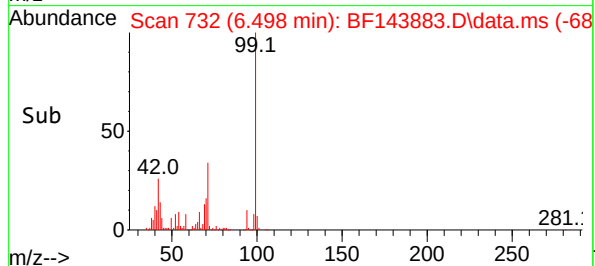
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 99 Resp: 637592
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 33.5 27.8 41.8

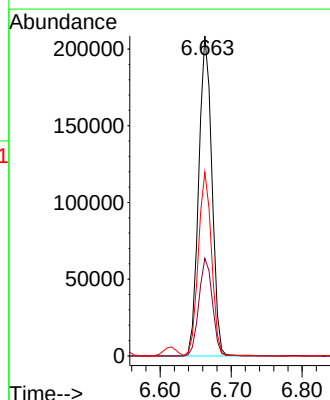
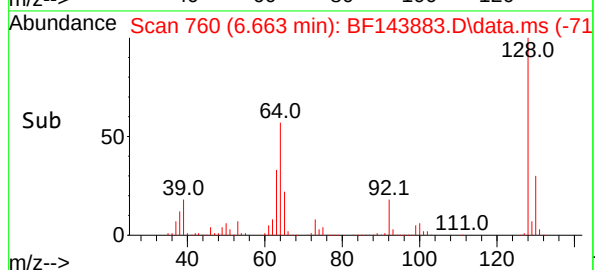
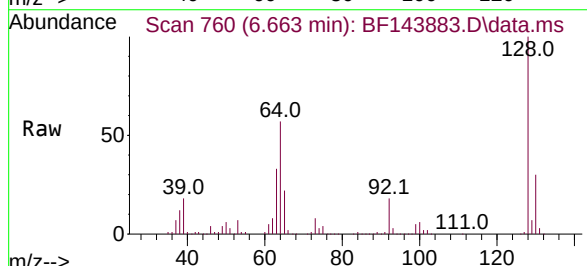
Manual Integrations
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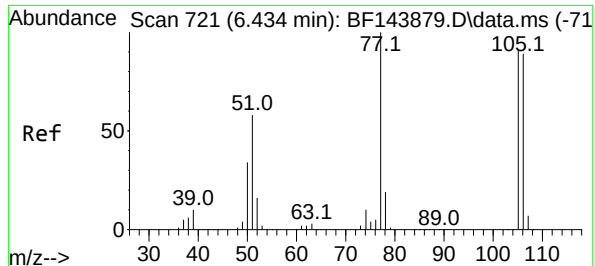
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 38.116 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:128 Resp: 267562
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 37.141 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion: 77 Resp: 24524

Ion Ratio Lower Upper

77 100

105 92.0 70.9 110.9

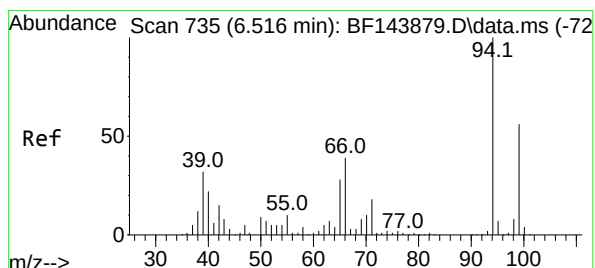
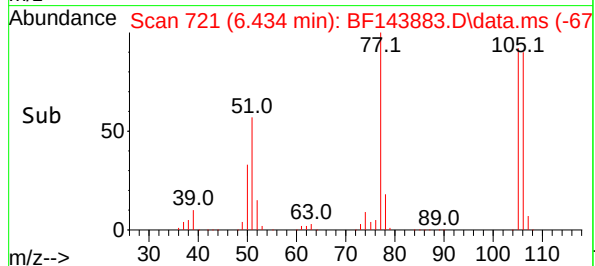
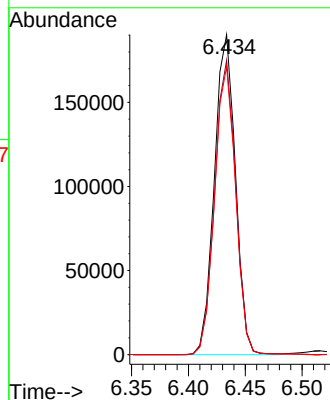
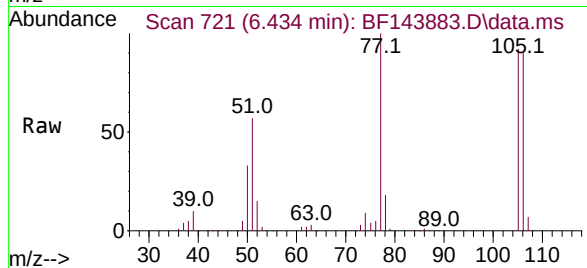
106 90.0 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 37.501 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

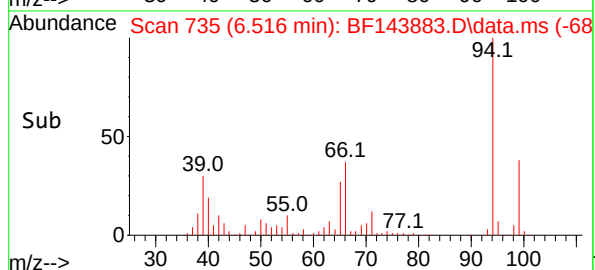
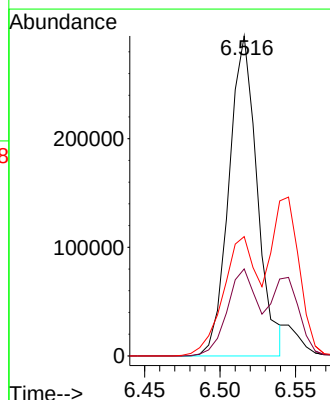
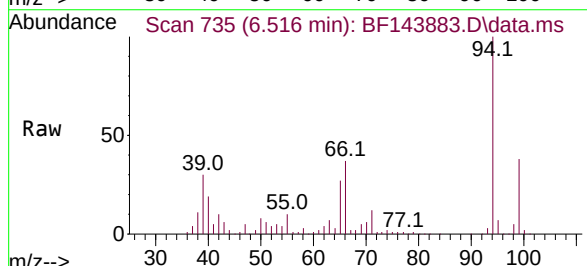
Tgt Ion: 94 Resp: 383770

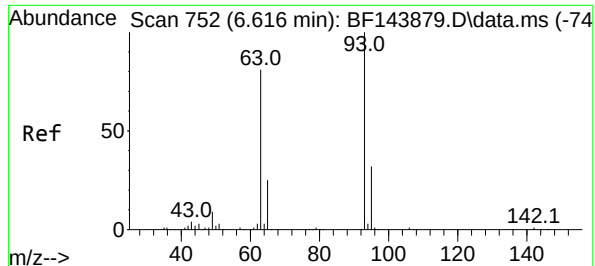
Ion Ratio Lower Upper

94 100

65 27.2 8.5 48.5

66 37.3 19.9 59.9





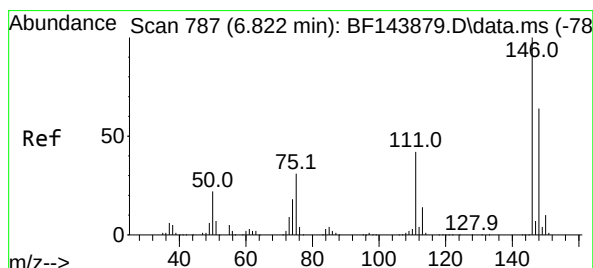
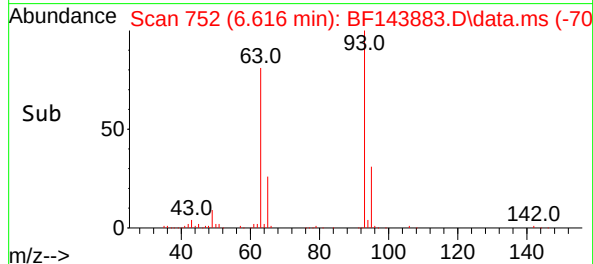
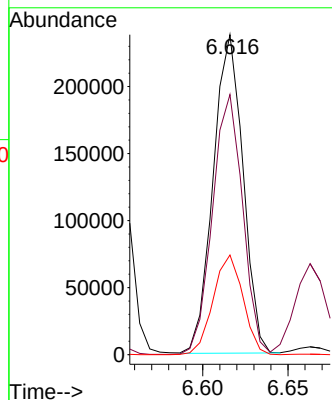
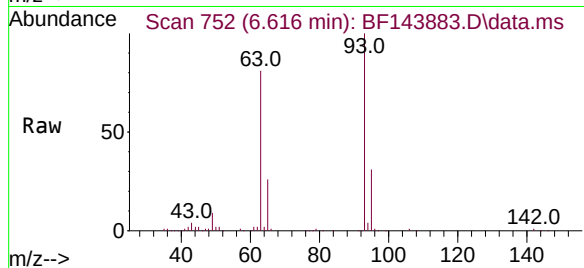
#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 93 Resp: 289024
Ion Ratio Lower Upper
93 100
63 81.3 60.9 100.9
95 31.1 11.5 51.5

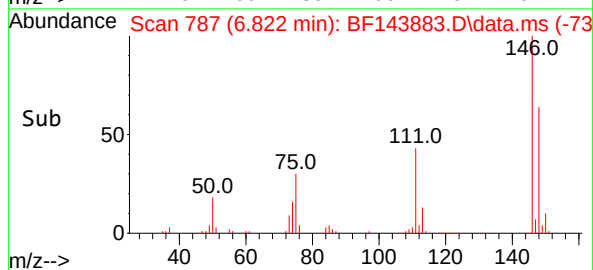
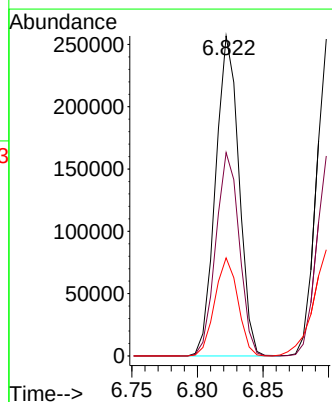
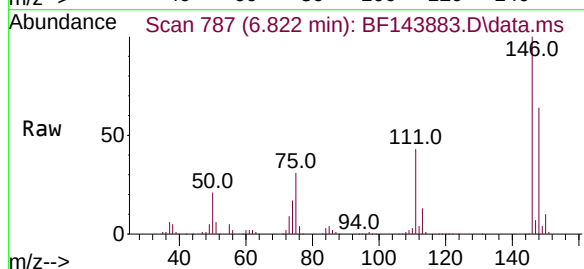
Manual Integrations
APPROVED

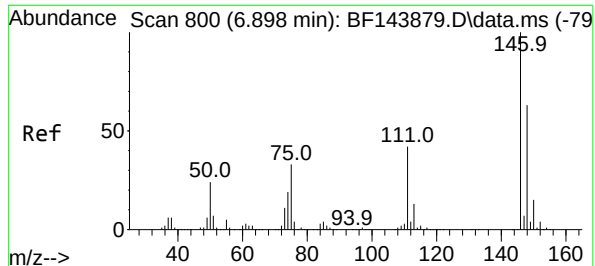
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 317865
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.392 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:146 Resp: 31822

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

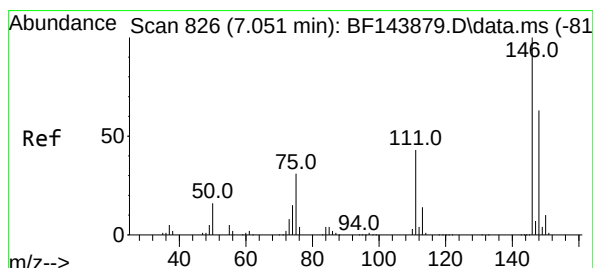
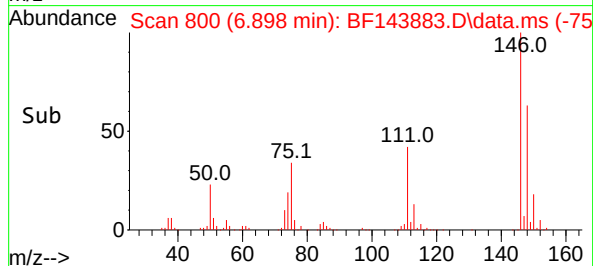
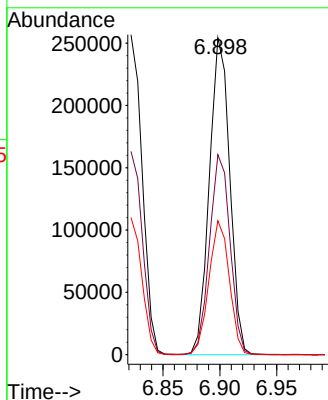
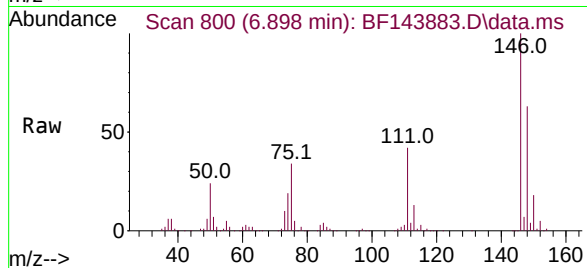
111 42.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 39.655 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

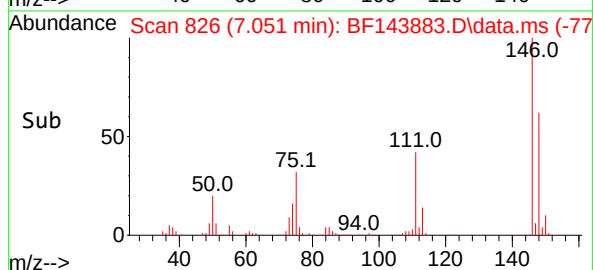
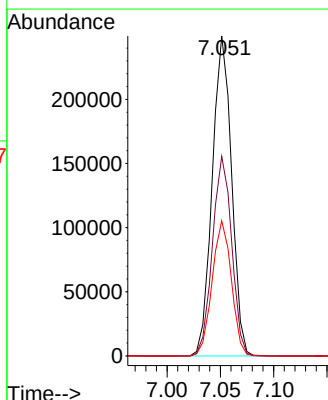
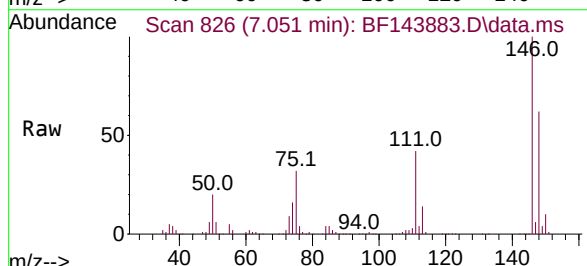
Tgt Ion:146 Resp: 314832

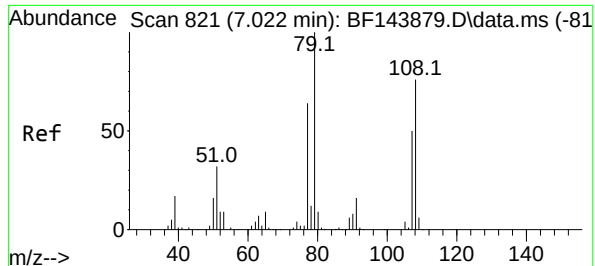
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

111 42.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.974 ng

RT: 7.022 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

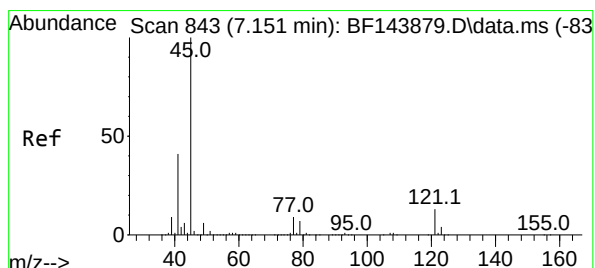
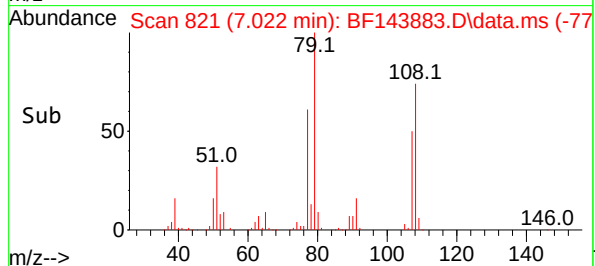
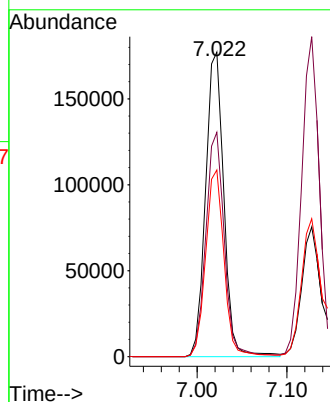
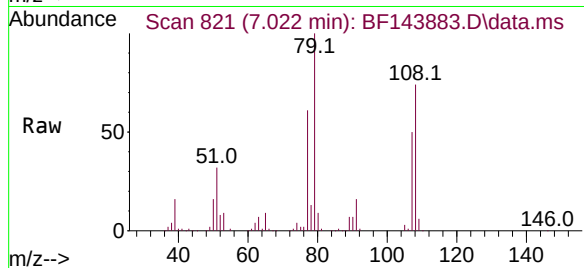
ICVBF100625

Tgt Ion:	79	Resp:	249958
Ion Ratio	Lower	Upper	
79	100		
108	73.6	60.8	91.2
77	61.3	51.0	76.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.568 ng

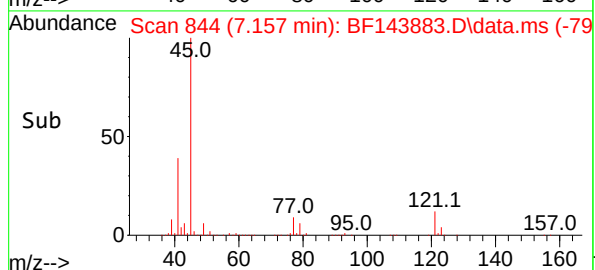
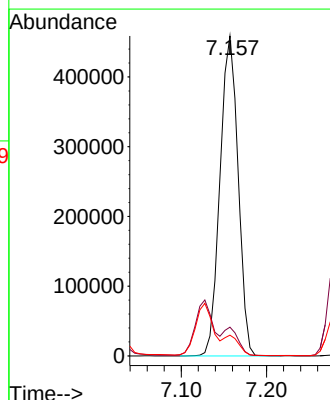
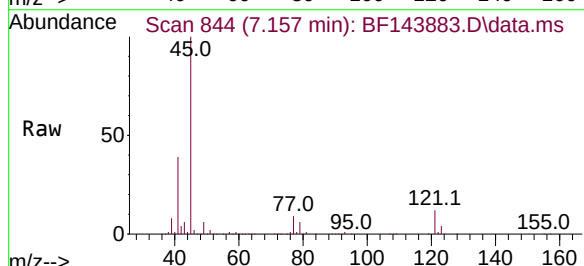
RT: 7.157 min Scan# 844

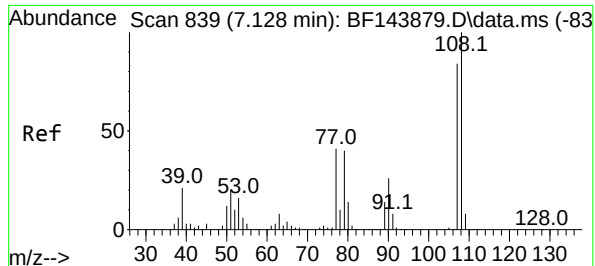
Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:	45	Resp:	676009
Ion Ratio	Lower	Upper	
45	100		
77	9.0	0.0	29.0
79	6.5	0.0	26.8





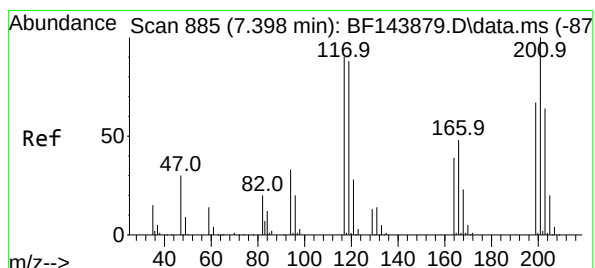
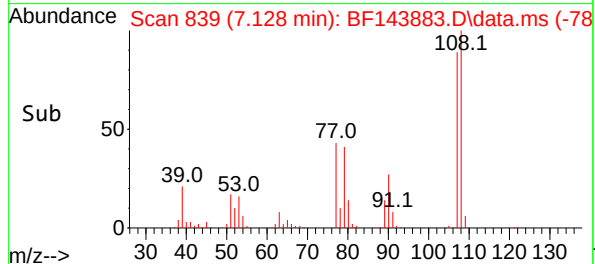
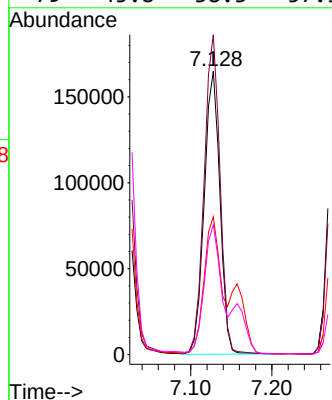
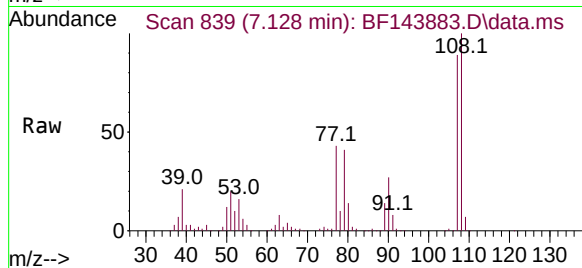
#17
2-Methylphenol
Concen: 38.352 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
Client Sample Id :
ICVBF100625

Tgt Ion:107 Resp: 222497
Ion Ratio Lower Upper
107 100
108 112.9 94.7 142.1
77 48.7 38.8 58.2
79 45.8 38.3 57.5

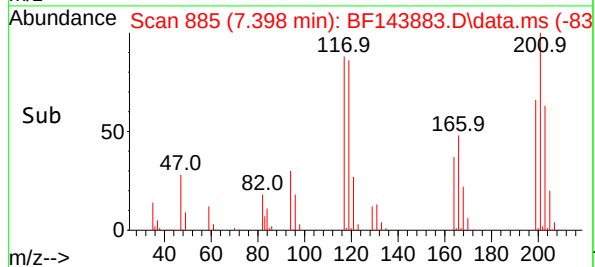
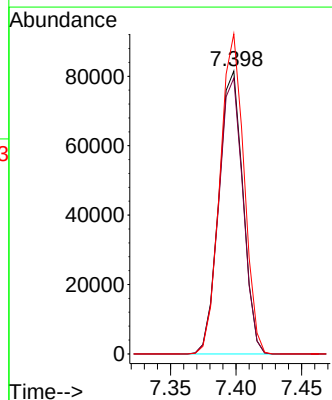
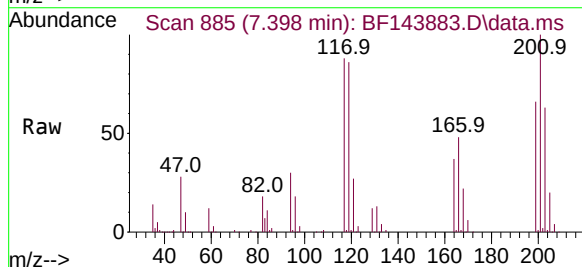
Manual Integrations
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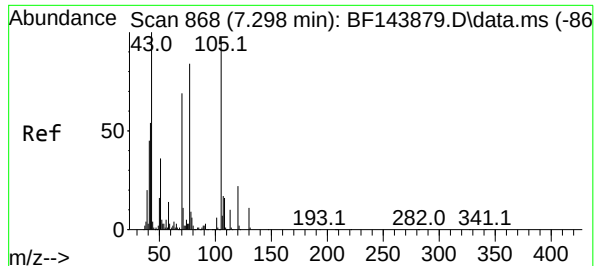
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#18
Hexachloroethane
Concen: 37.755 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:117 Resp: 104363
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8
201 113.1 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.612 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion: 70 Resp: 214516

Ion Ratio Lower Upper

70 100

42 80.2 62.8 94.2

101 8.3 6.7 10.1

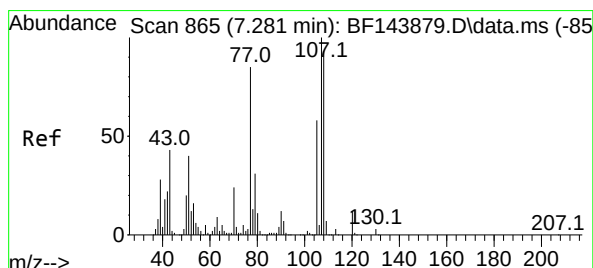
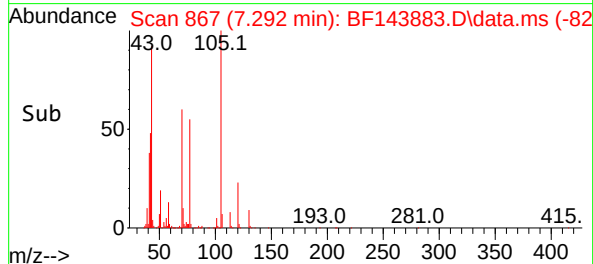
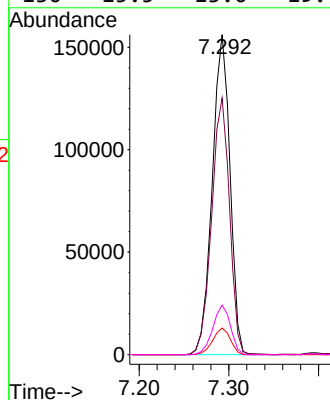
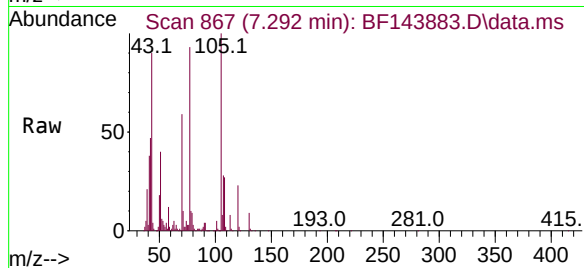
130 15.5 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 39.880 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 268144

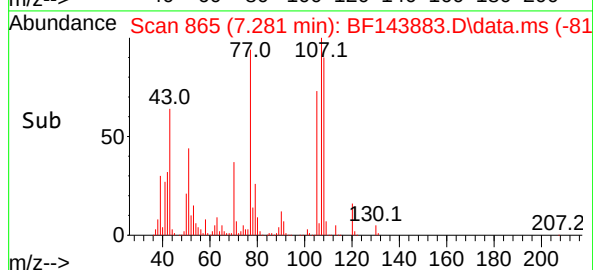
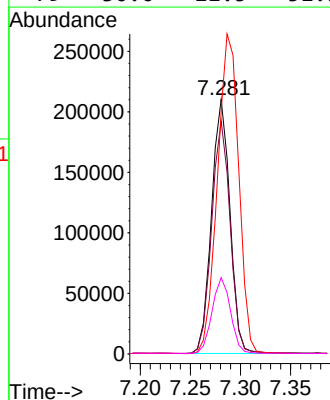
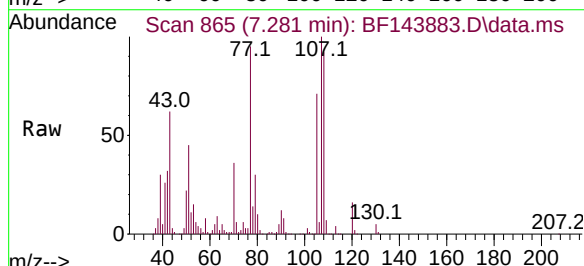
Ion Ratio Lower Upper

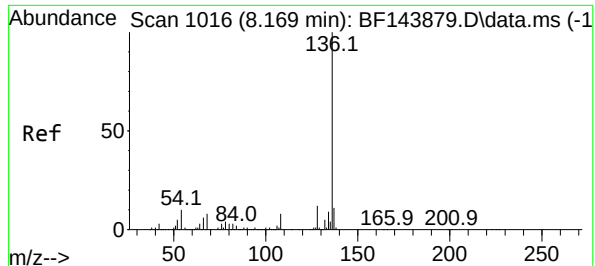
107 100

108 91.5 73.0 113.0

77 95.3 64.6 104.6

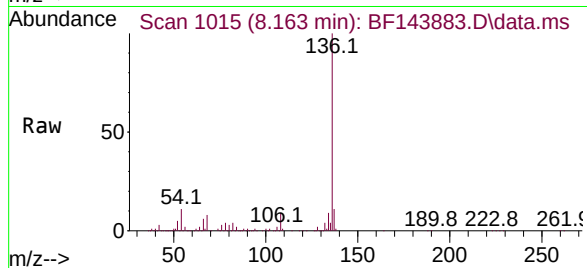
79 30.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

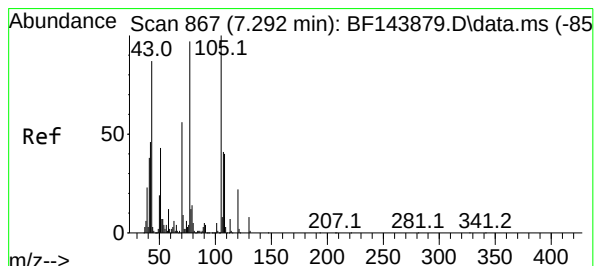
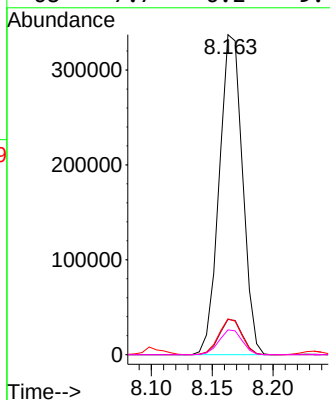
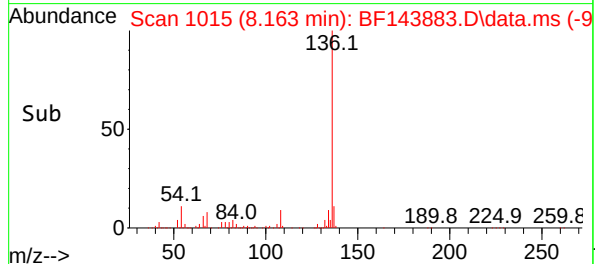
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:136 Resp: 448972
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.2 8.2 12.4
68 7.7 6.2 9.4

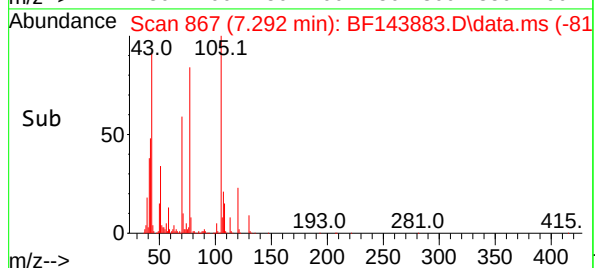
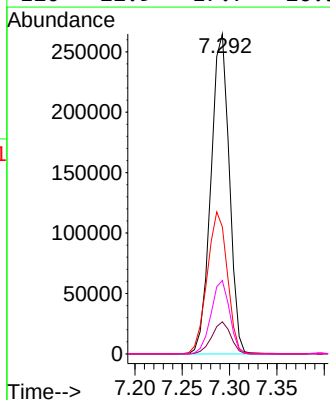
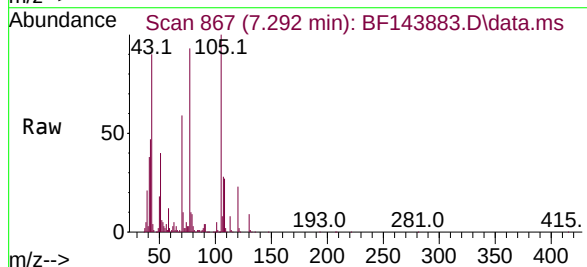
Manual Integrations
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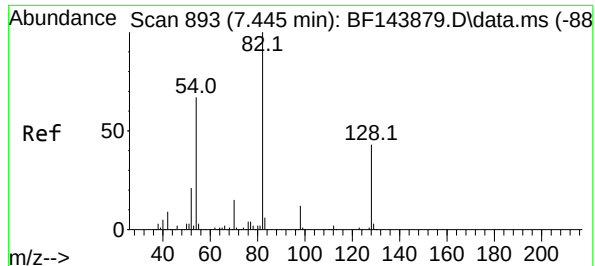
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 37.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014
Ion Ratio Lower Upper
105 100
71 10.0 7.4 11.0
51 39.7 34.2 51.4
120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 74.330 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion: 82 Resp: 54929

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 64.8 53.2 79.8

Instrument :

BNA_F

ClientSampleId :

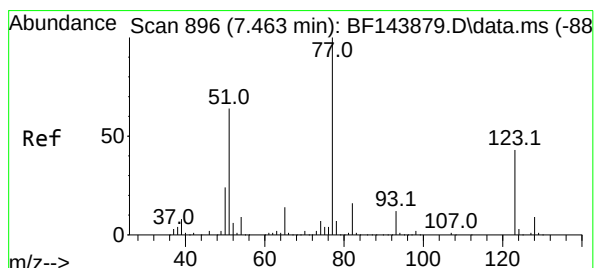
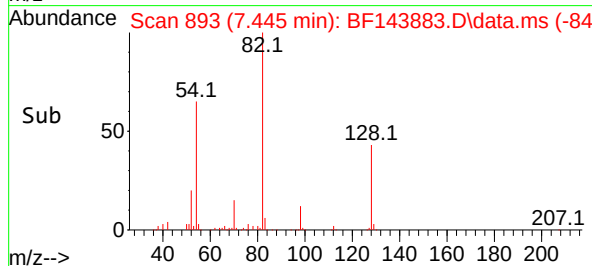
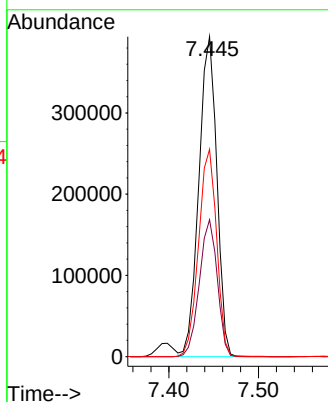
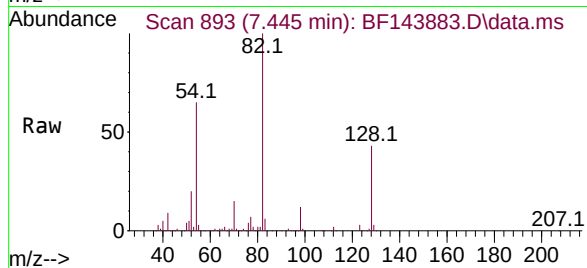
ICVBF100625

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 37.727 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

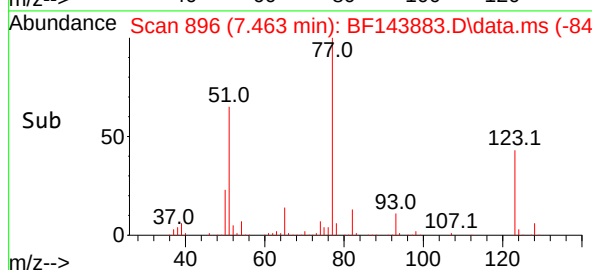
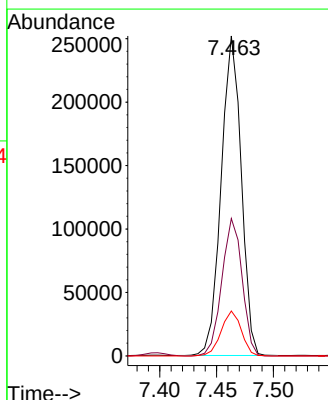
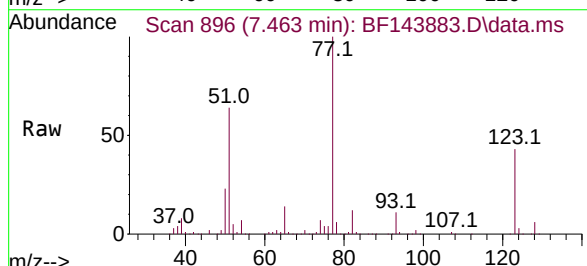
Tgt Ion: 77 Resp: 309611

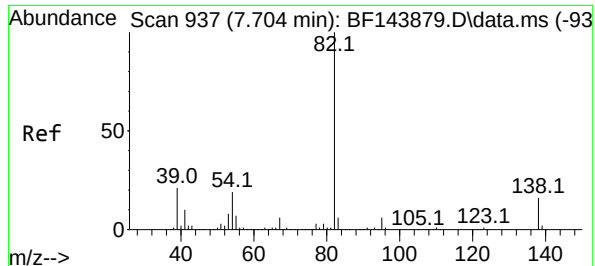
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

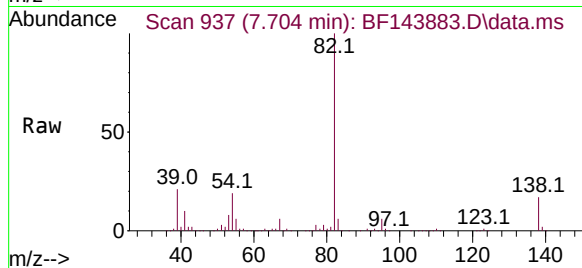
65 14.0 11.0 16.6





#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

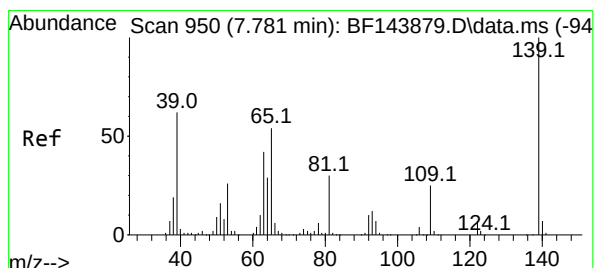
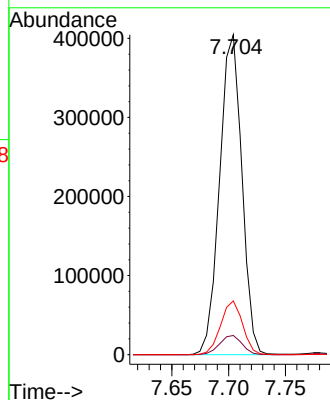
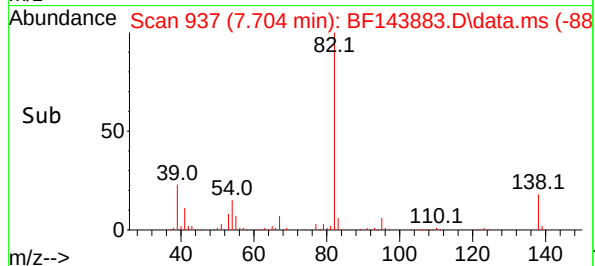
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 82 Resp: 550779
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 16.8 12.9 19.3

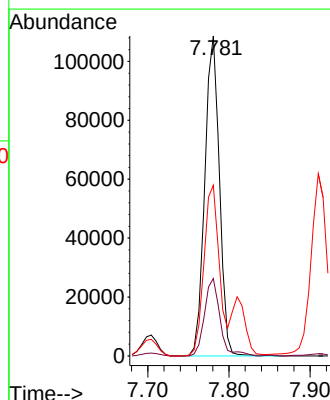
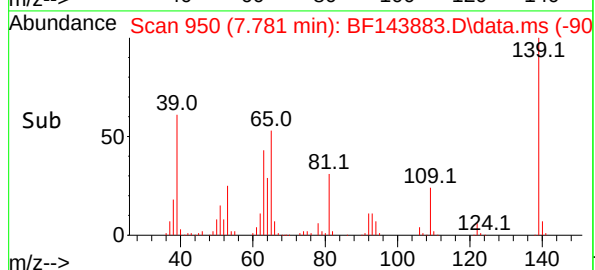
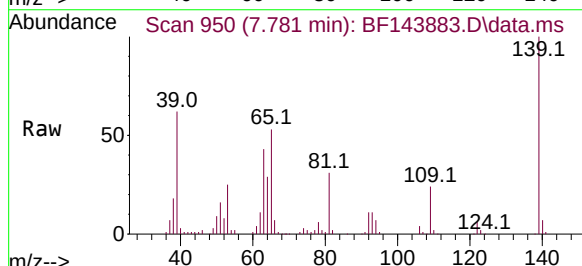
Manual Integrations
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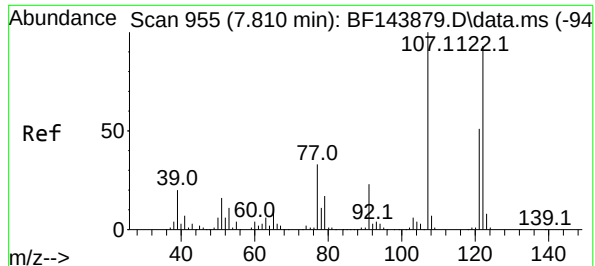
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 136223
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.6
65 53.3 42.9 64.3





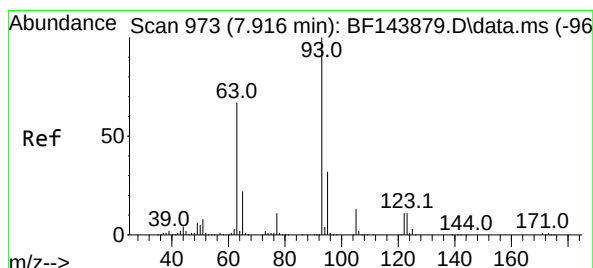
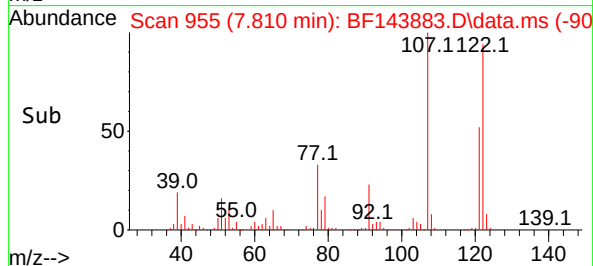
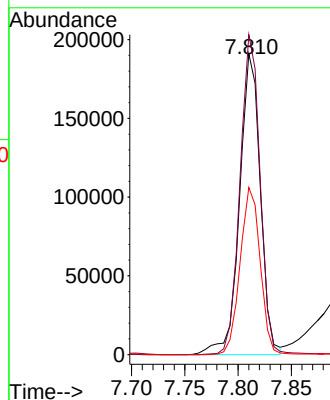
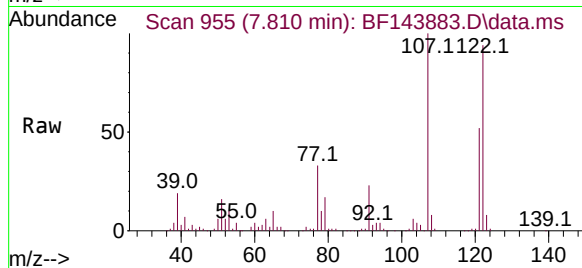
#27
2,4-Dimethylphenol
Concen: 40.847 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:122 Resp: 258524
Ion Ratio Lower Upper
122 100
107 106.3 86.1 129.1
121 55.5 43.8 65.6

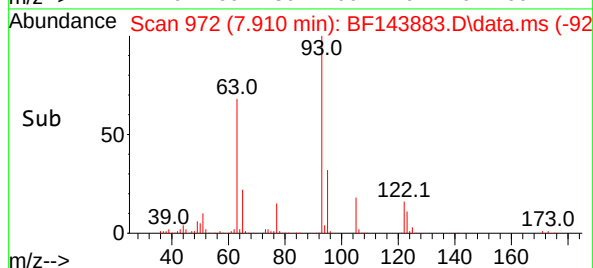
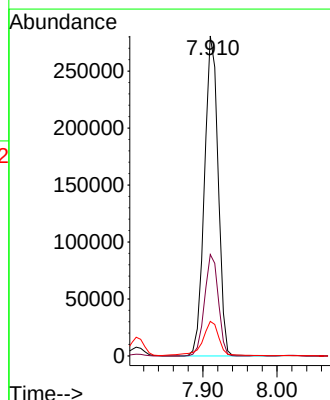
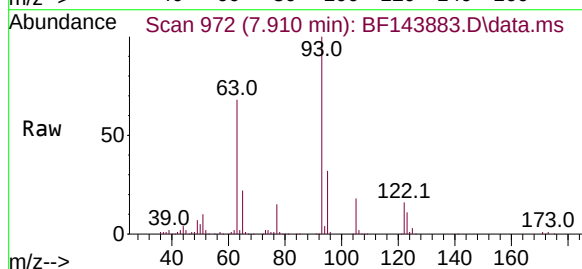
Manual Integrations
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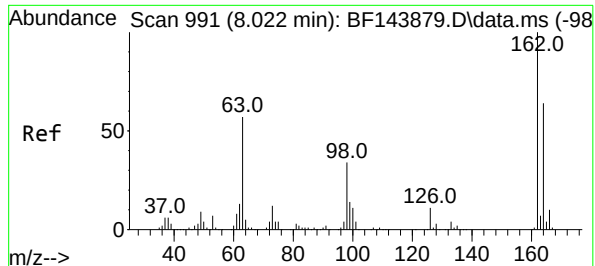
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 36.639 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 360632
Ion Ratio Lower Upper
93 100
95 31.7 25.9 38.9
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.899 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:162 Resp: 243265

Ion Ratio Lower Upper

162 100

164 61.1 43.9 83.9

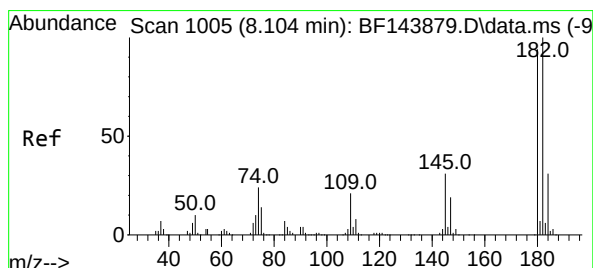
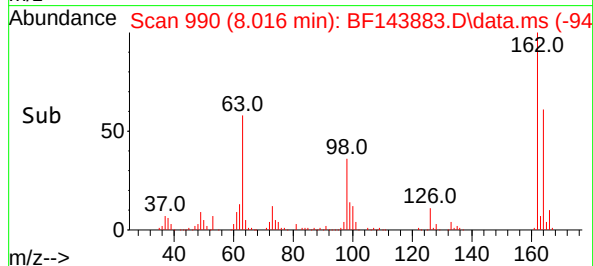
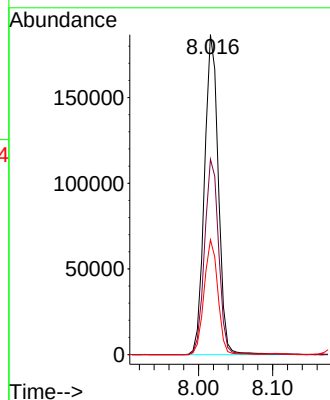
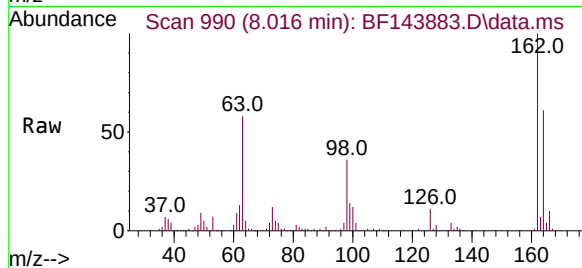
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.503 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

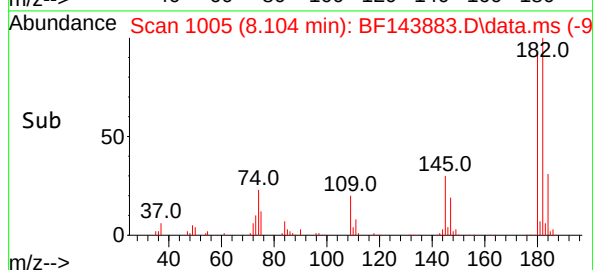
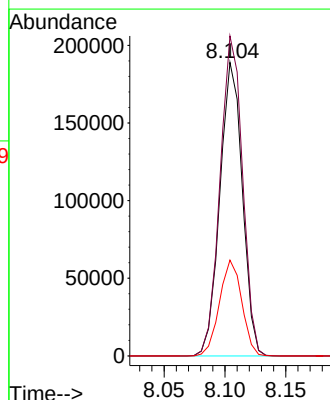
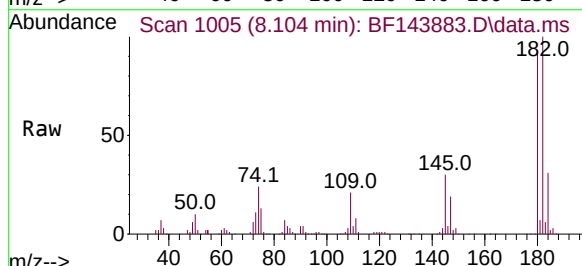
Tgt Ion:180 Resp: 243161

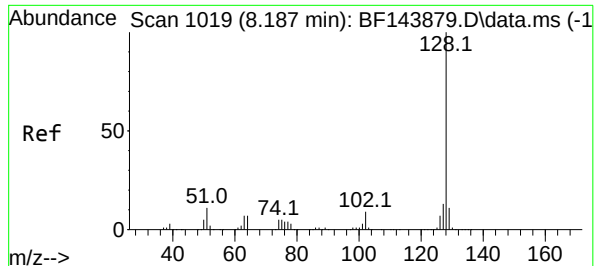
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

145 32.7 26.3 39.5





#31

Naphthalene

Concen: 36.679 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:128 Resp: 749110

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

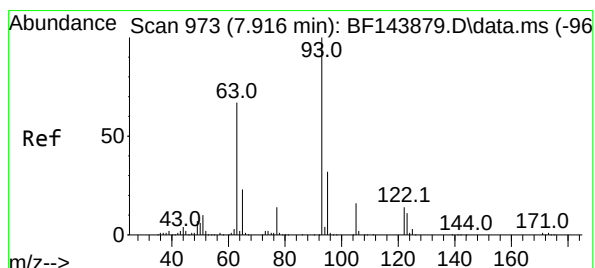
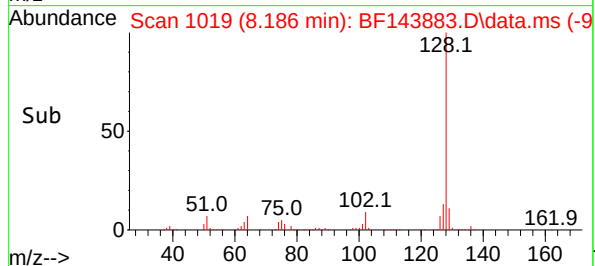
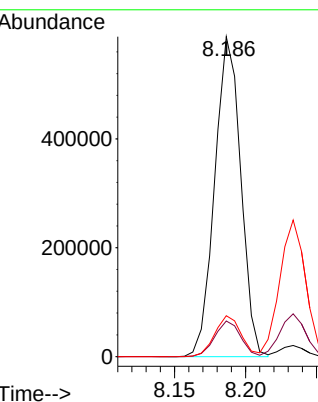
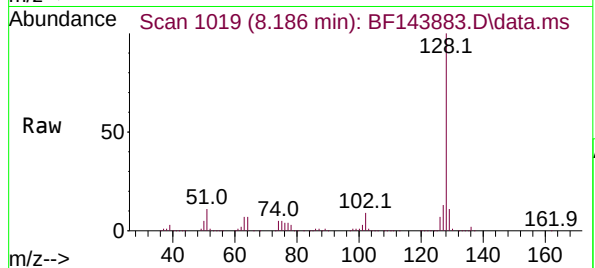
127 12.8 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 35.162 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.059 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

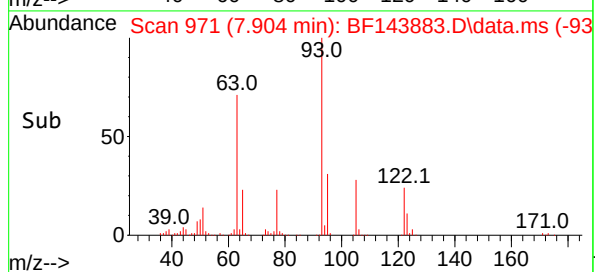
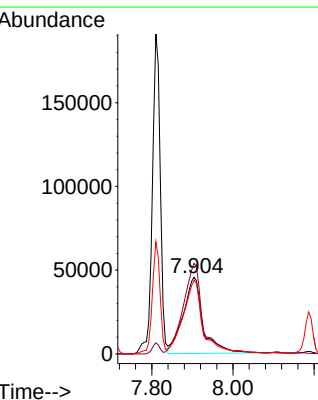
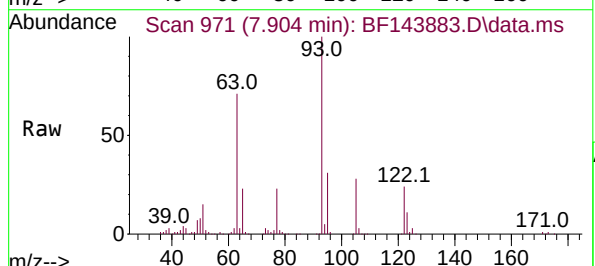
Tgt Ion:122 Resp: 154019

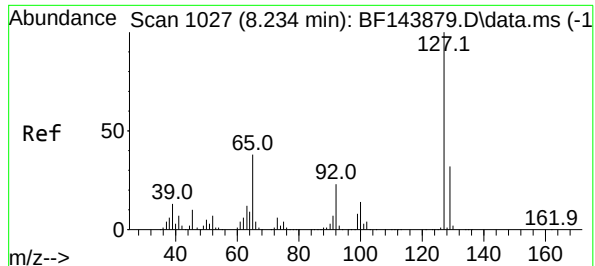
Ion Ratio Lower Upper

122 100

105 118.0 93.5 133.5

77 96.2 76.3 116.3





#33

4-Chloroaniline

Concen: 41.950 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:127 Resp: 321328

Ion Ratio Lower Upper

127 100

129 31.3 25.8 38.8

65 35.7 30.0 45.0

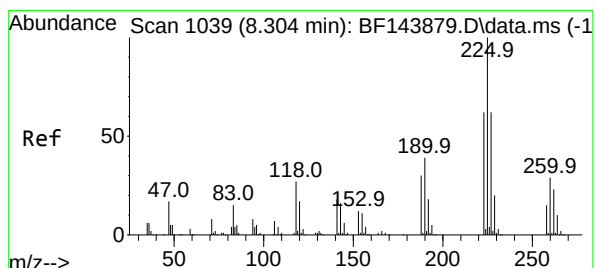
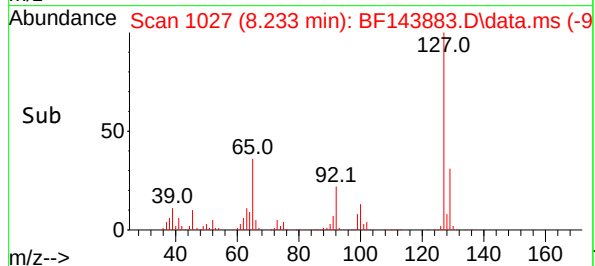
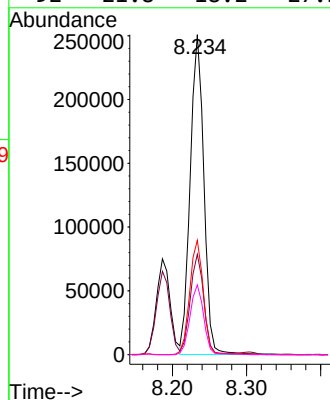
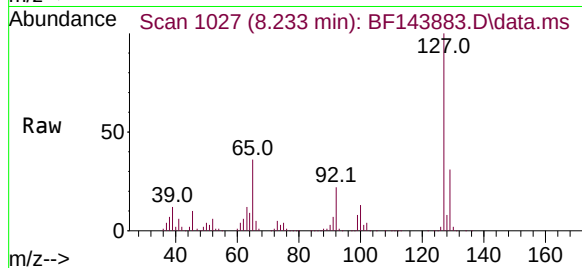
92 21.8 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 35.201 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

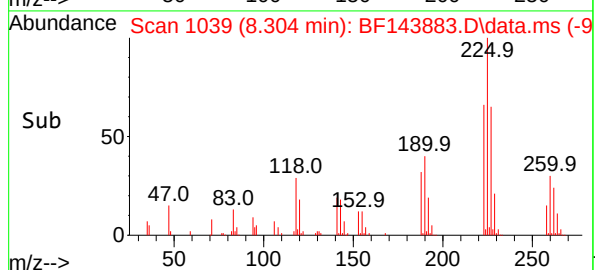
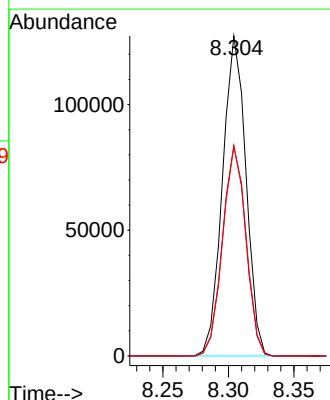
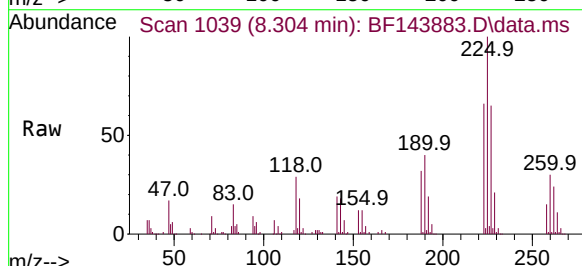
Tgt Ion:225 Resp: 158600

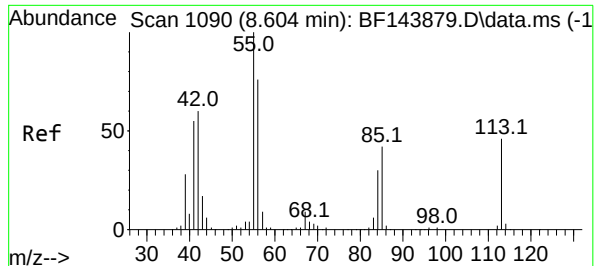
Ion Ratio Lower Upper

225 100

223 65.7 49.4 74.2

227 65.4 49.7 74.5





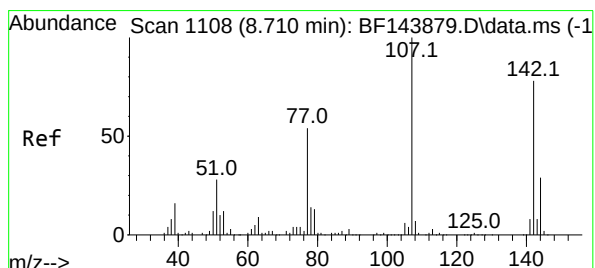
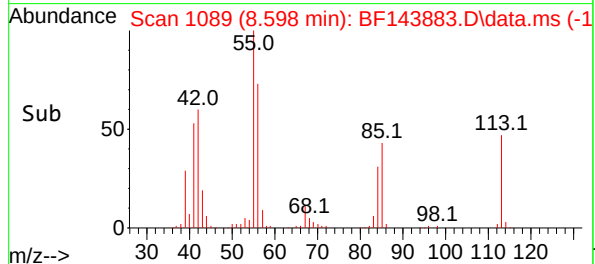
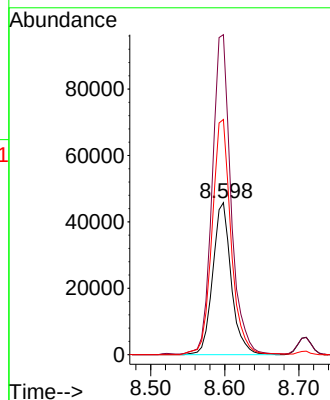
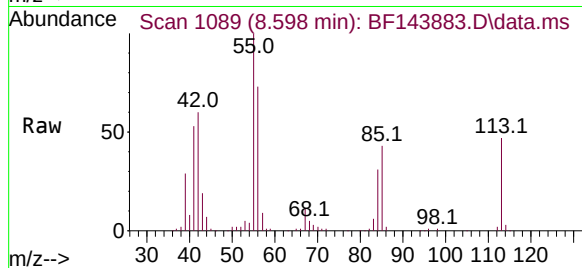
#35
Caprolactam
Concen: 37.736 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:113 Resp: 79102
Ion Ratio Lower Upper
113 100
55 210.6 199.6 239.6
56 154.8 146.0 186.0

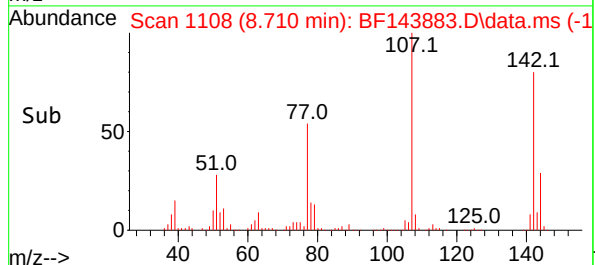
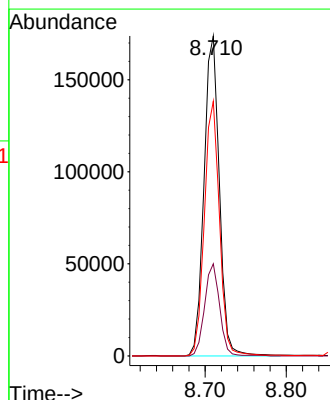
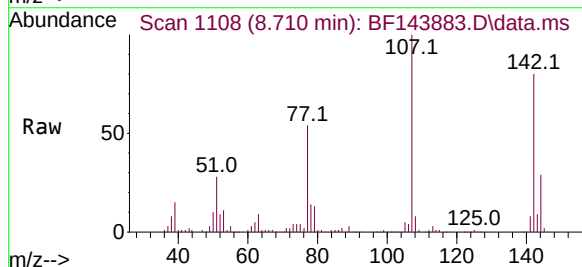
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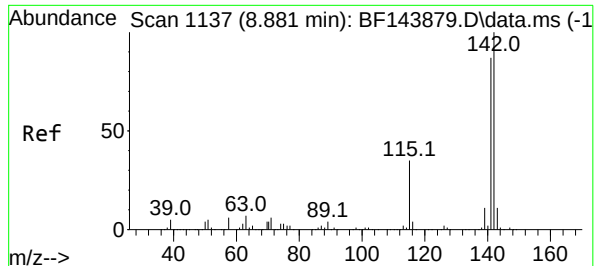
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 36.079 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

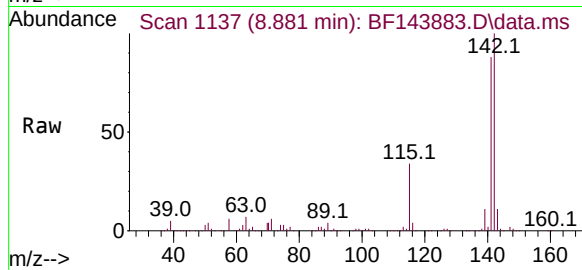
Tgt Ion:107 Resp: 228481
Ion Ratio Lower Upper
107 100
144 28.8 23.1 34.7
142 79.6 62.6 94.0





#37
2-Methylnaphthalene
Concen: 33.257 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

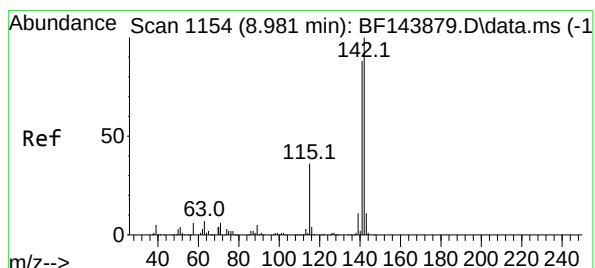
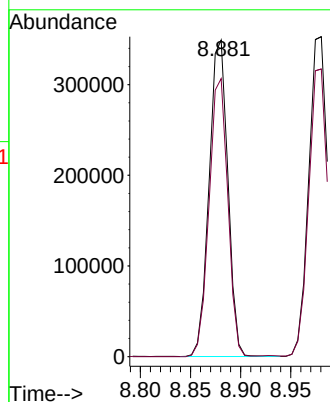
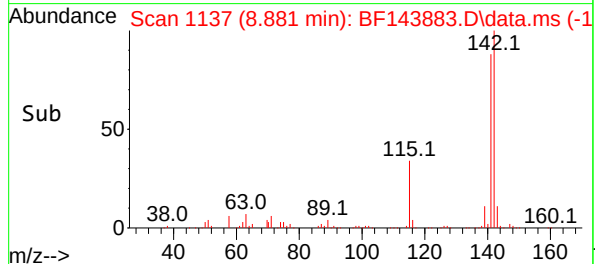
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:142 Resp: 452442
Ion Ratio Lower Upper
142 100
141 87.8 69.2 103.8

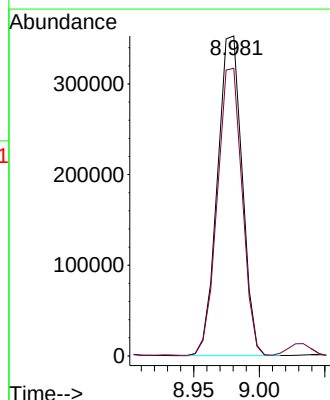
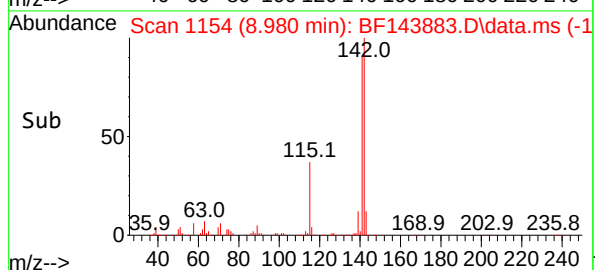
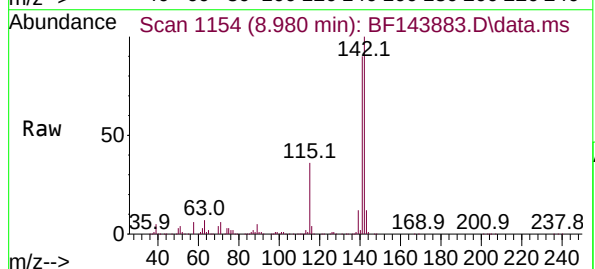
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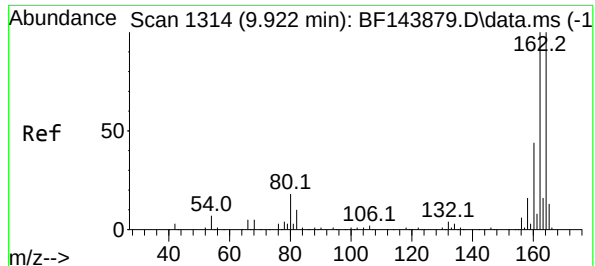
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 35.269 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 465414
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:164 Resp: 247780

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

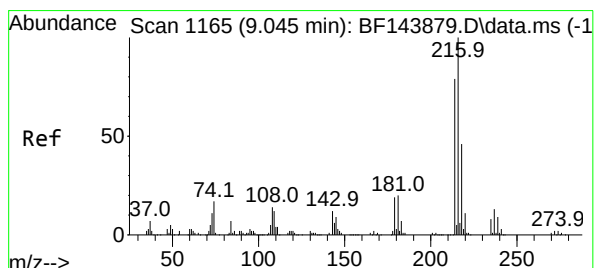
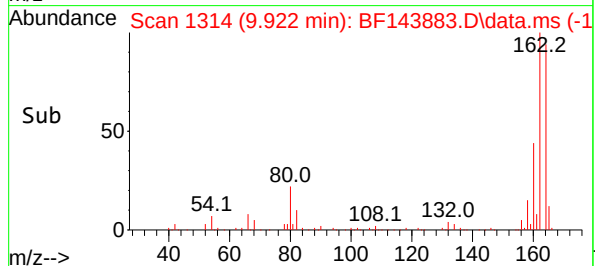
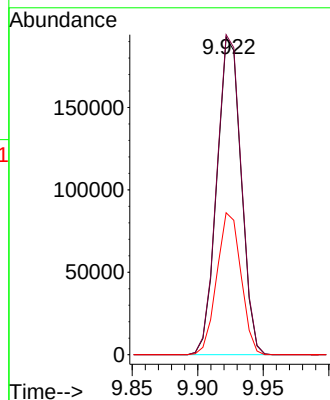
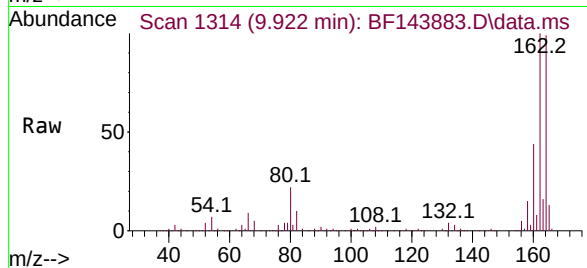
160 44.7 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.122 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:216 Resp: 254223

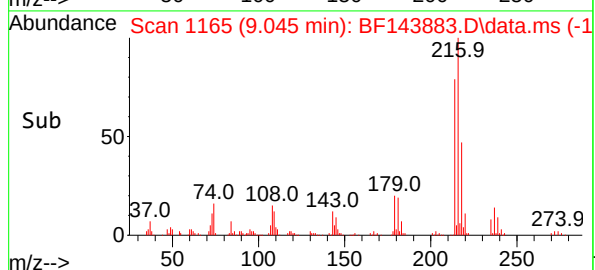
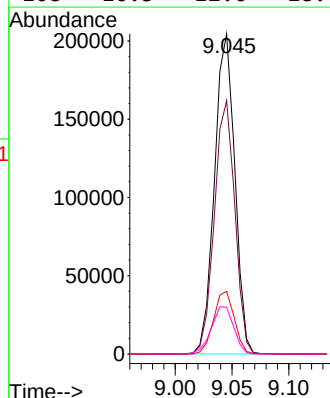
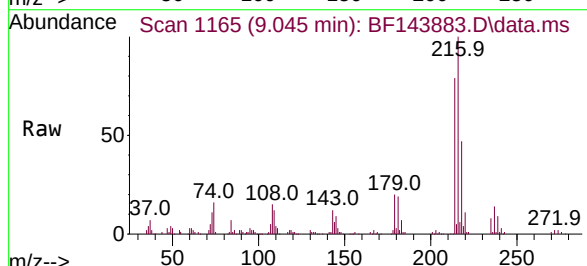
Ion Ratio Lower Upper

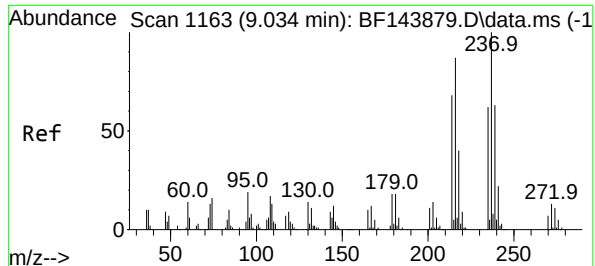
216 100

214 79.7 62.6 94.0

179 19.9 15.4 23.0

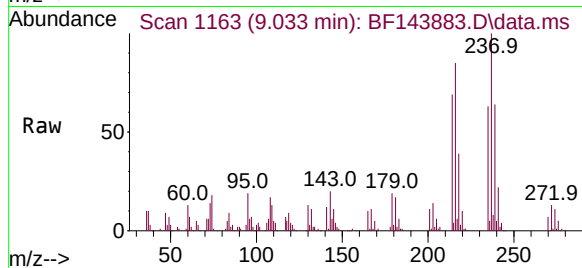
108 16.3 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 48.984 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

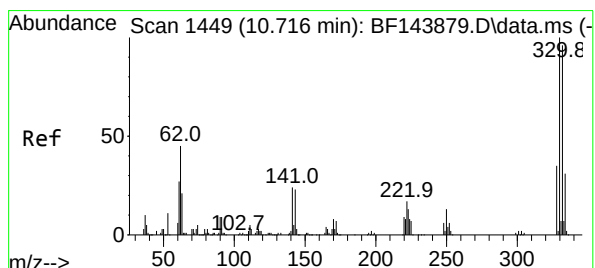
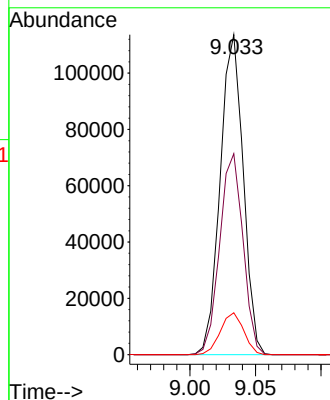
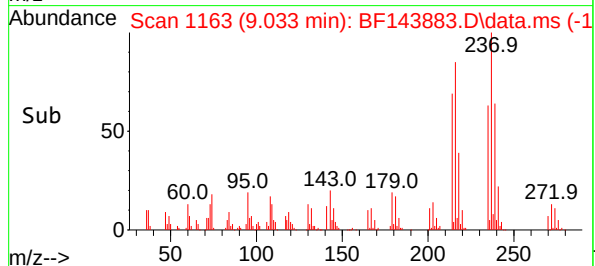
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



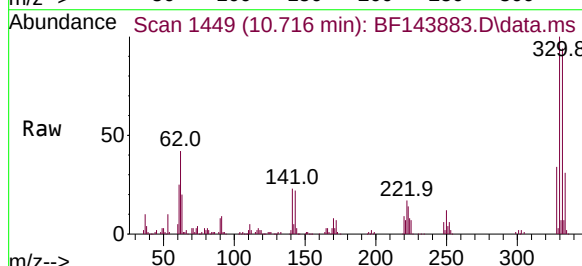
Tgt Ion: 237 Resp: 139168
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 13.1 0.0 33.1

Manual Integrations
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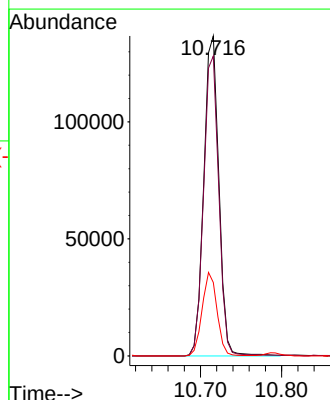
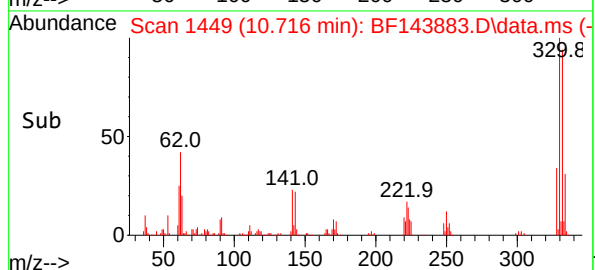
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

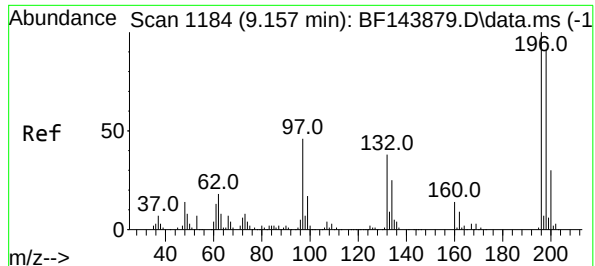


#42
2,4,6-Tribromophenol
Concen: 71.685 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion: 330 Resp: 176914
Ion Ratio Lower Upper
330 100
332 94.3 76.9 115.3
141 25.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 36.726 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143883.D

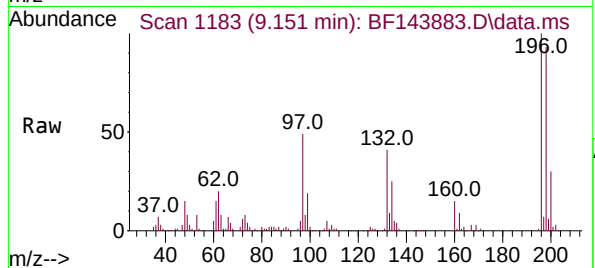
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



Tgt Ion:196 Resp: 183769

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

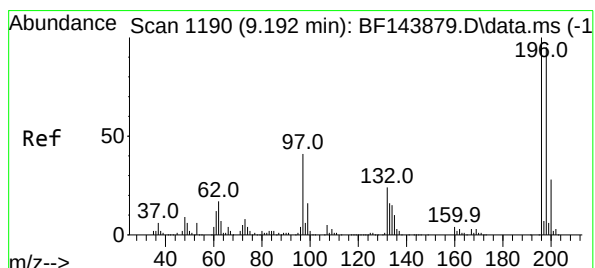
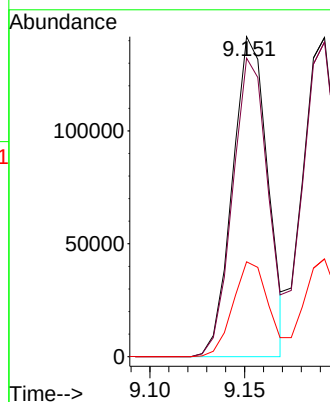
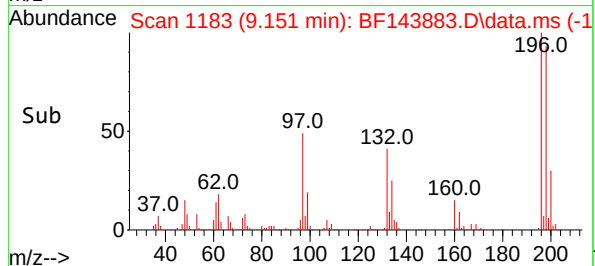
200 29.6 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

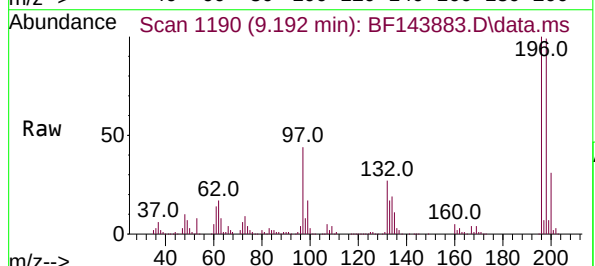
Concen: 35.194 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



Tgt Ion:196 Resp: 186099

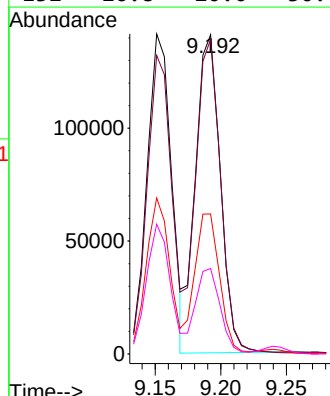
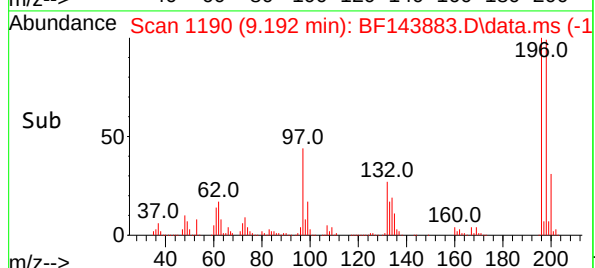
Ion Ratio Lower Upper

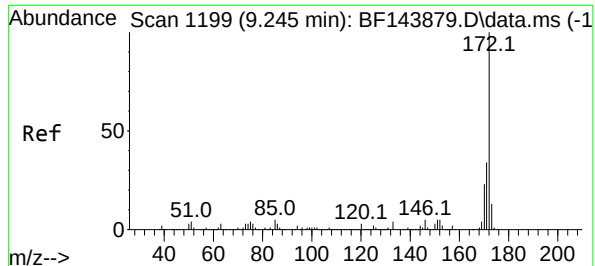
196 100

198 98.6 75.5 113.3

97 43.8 33.9 50.9

132 26.8 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 67.621 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:172 Resp: 105594

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

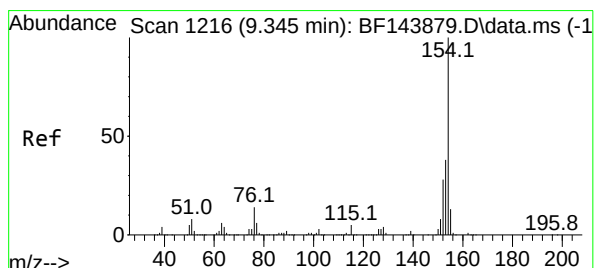
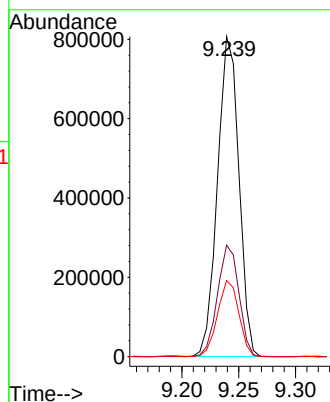
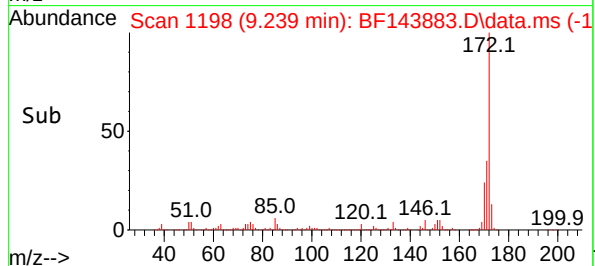
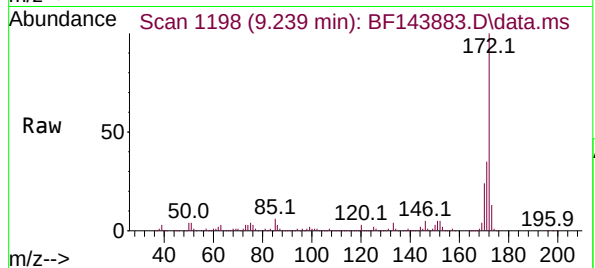
170 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 36.770 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

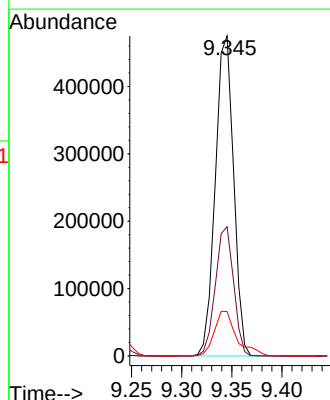
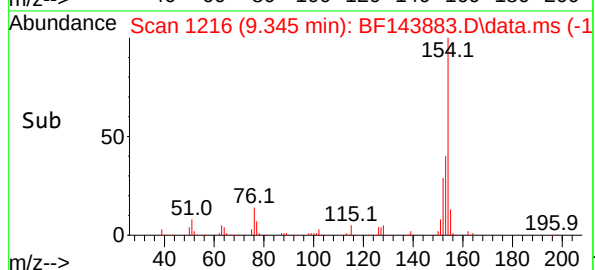
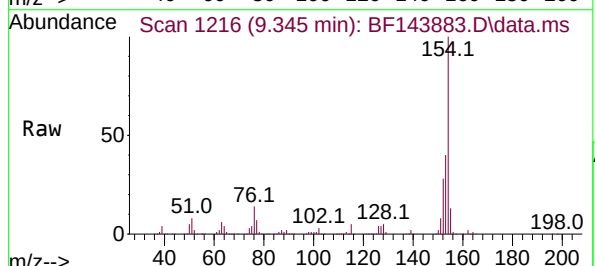
Tgt Ion:154 Resp: 603213

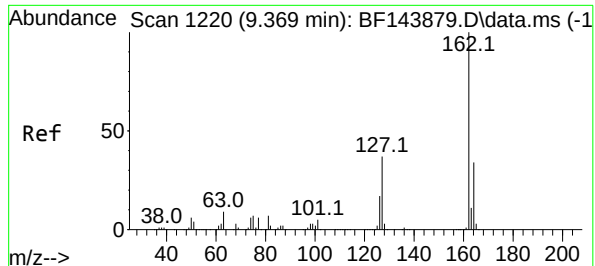
Ion Ratio Lower Upper

154 100

153 40.4 18.4 58.4

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.454 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

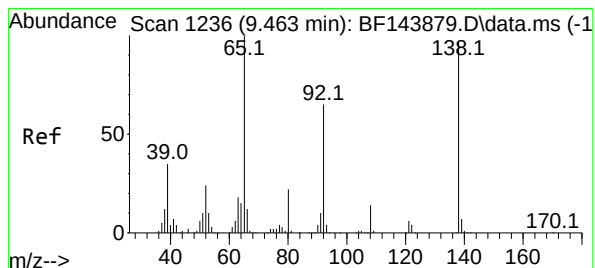
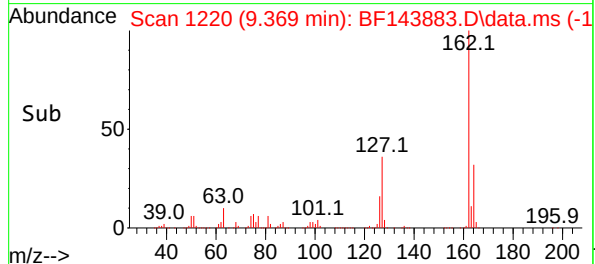
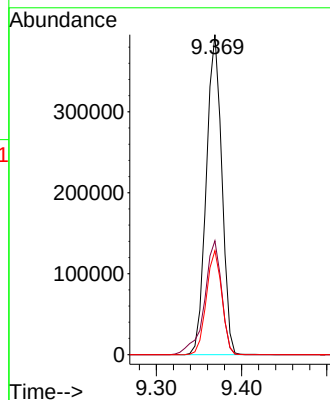
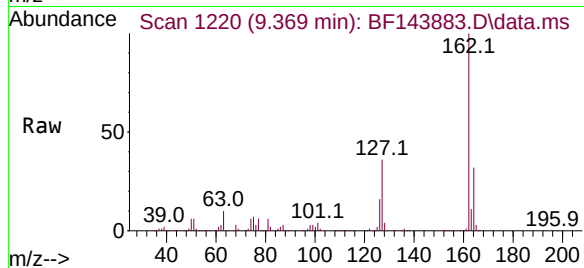
Tgt Ion:162	Resp: 498615
Ion Ratio	Lower Upper
162	100
127	35.6 30.2 45.2
164	32.5 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 38.894 ng

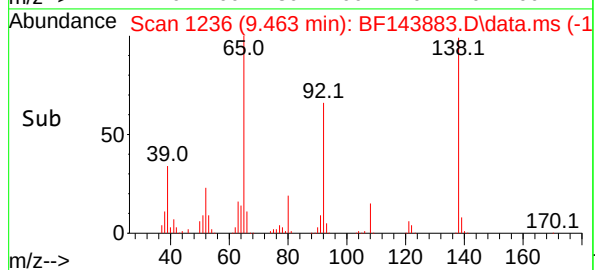
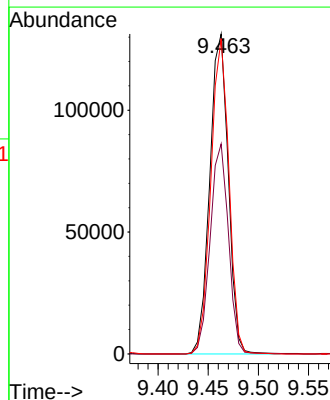
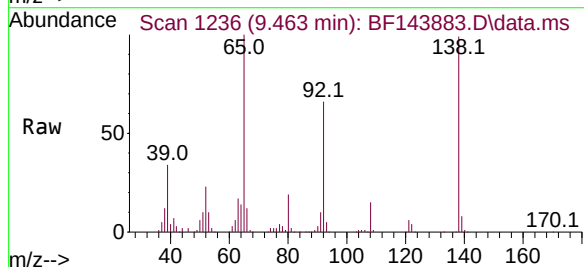
RT: 9.463 min Scan# 1236

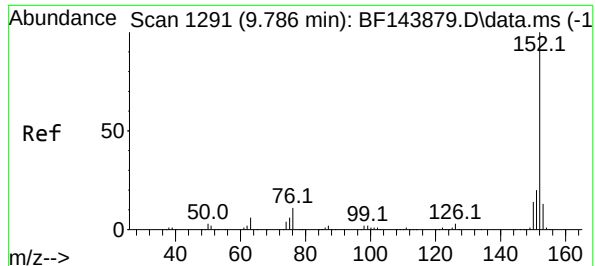
Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion: 65	Resp: 168191
Ion Ratio	Lower Upper
65	100
92	65.6 52.1 78.1
138	98.5 77.4 116.2





#49

Acenaphthylene

Concen: 40.859 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143883.D

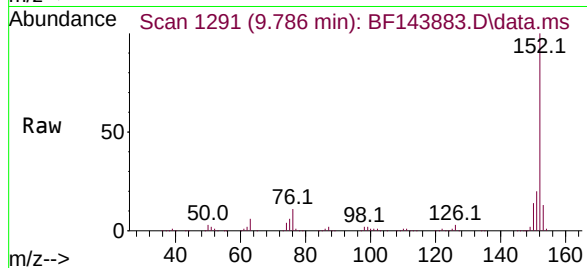
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



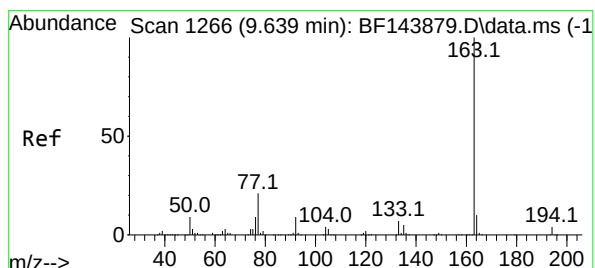
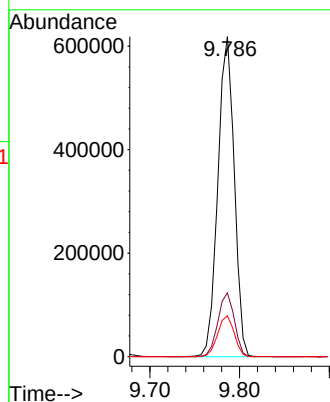
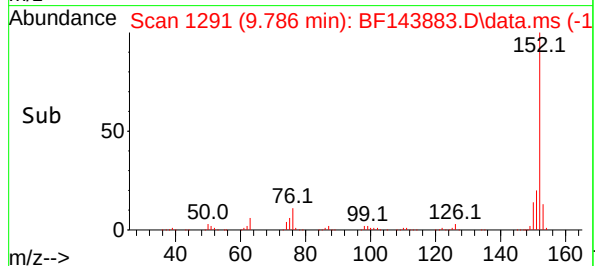
Tgt Ion:152	Resp: 78569
Ion Ratio	Lower Upper
152	100
151	19.9 15.8 23.6
153	12.8 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

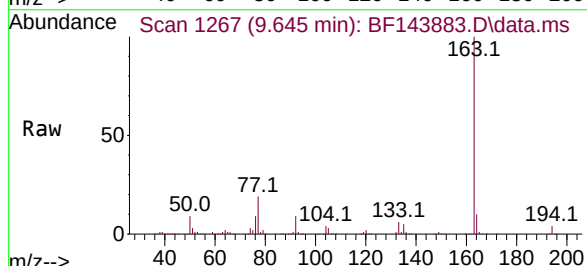
Concen: 35.968 ng

RT: 9.645 min Scan# 1267

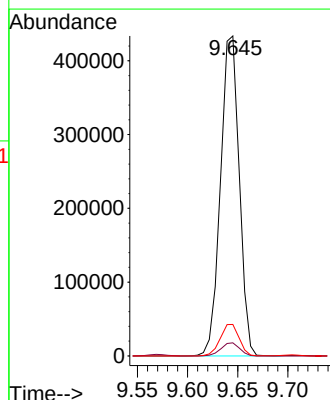
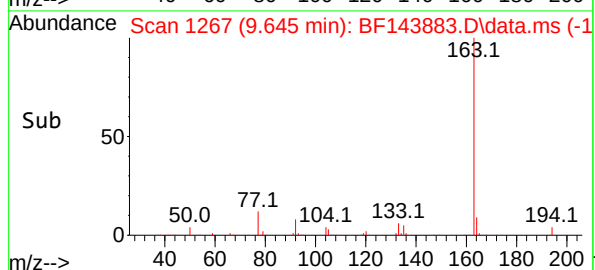
Delta R.T. 0.000 min

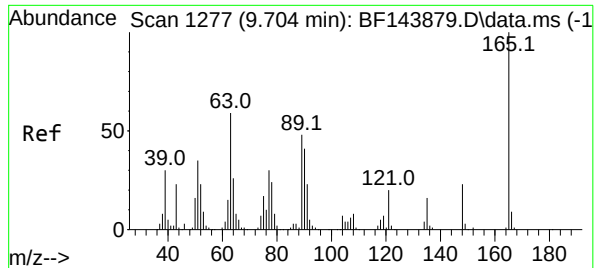
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



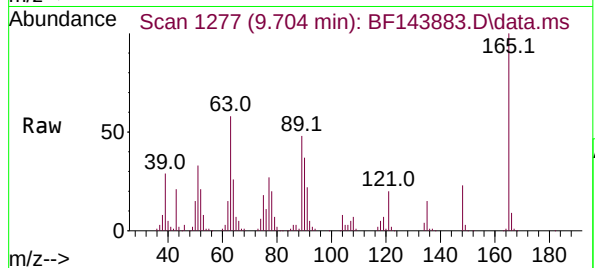
Tgt Ion:163	Resp: 565953
Ion Ratio	Lower Upper
163	100
194	4.1 3.3 4.9
164	9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

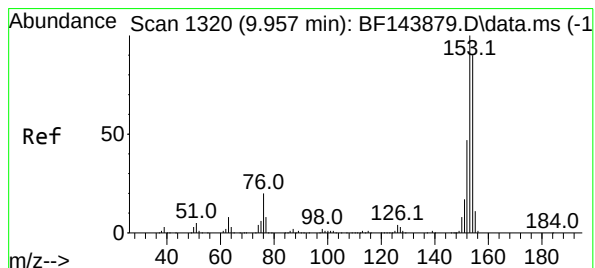
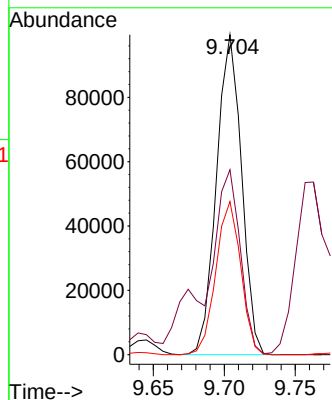
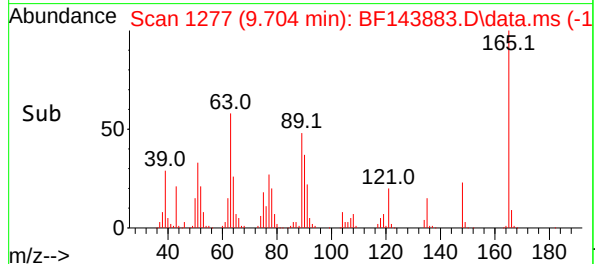
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:165 Resp: 122449
Ion Ratio Lower Upper
165 100
63 57.8 47.3 70.9
89 47.8 38.2 57.4

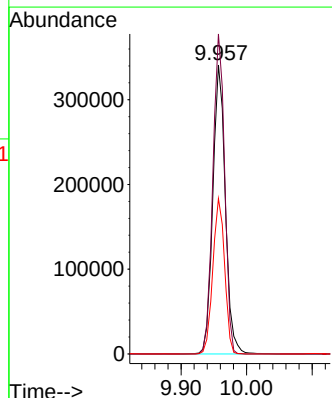
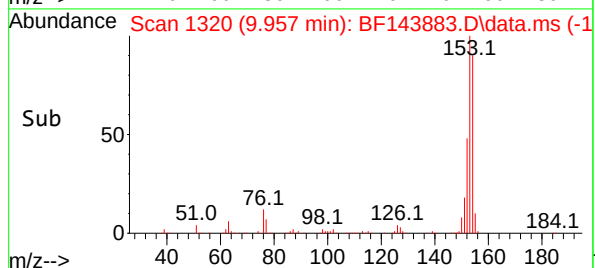
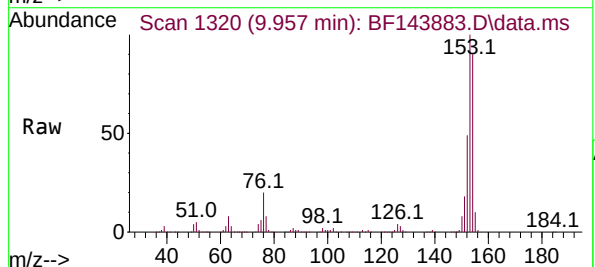
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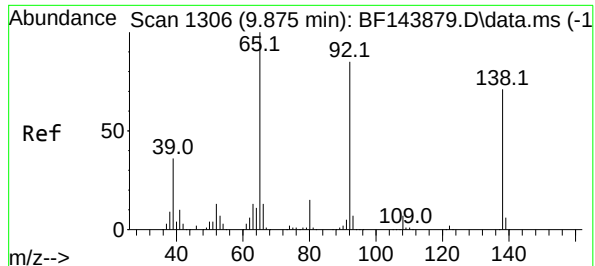
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 35.913 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

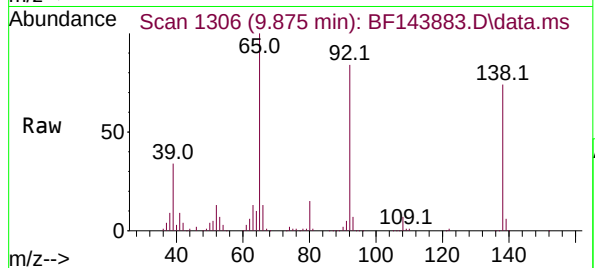
Tgt Ion:154 Resp: 452513
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 53.8 42.2 63.2





#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

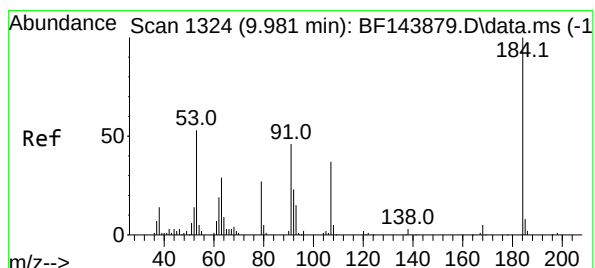
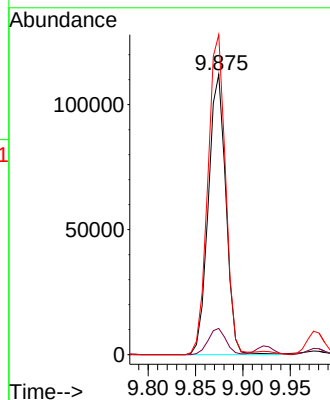
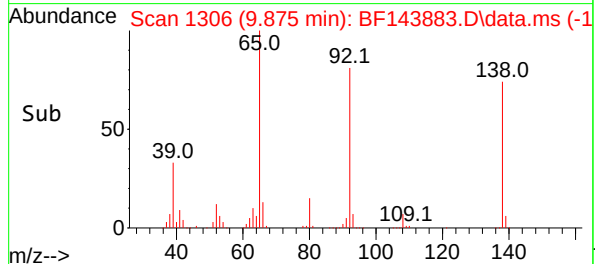
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:138 Resp: 144668
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 114.2 96.2 144.2

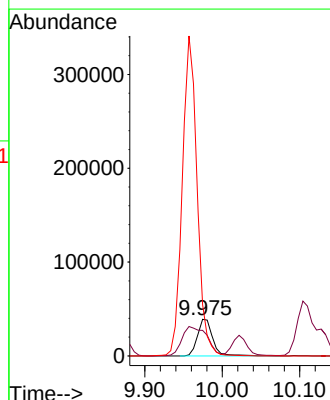
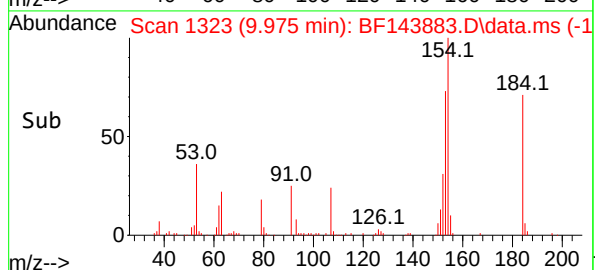
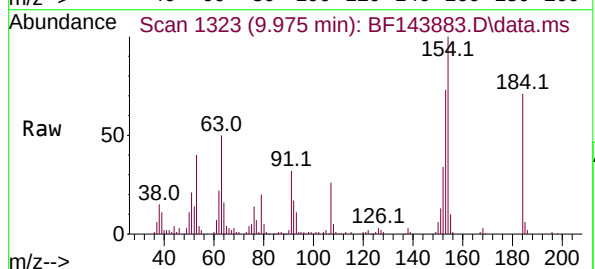
Manual Integrations
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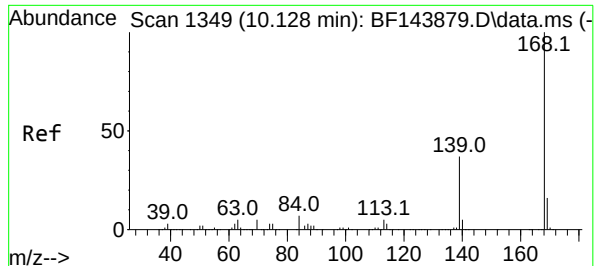
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

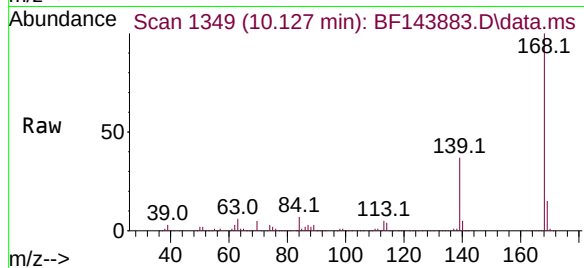
Tgt Ion:184 Resp: 52796
Ion Ratio Lower Upper
184 100
63 70.0 48.2 72.4
154 140.2 49.2 73.8#





#55
Dibenzofuran
Concen: 36.717 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

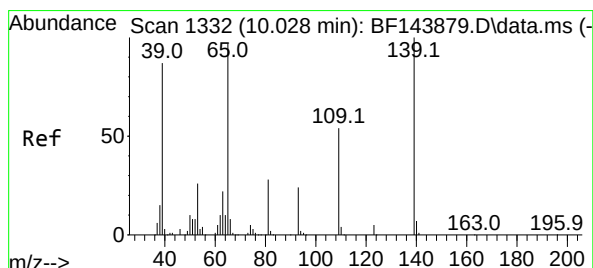
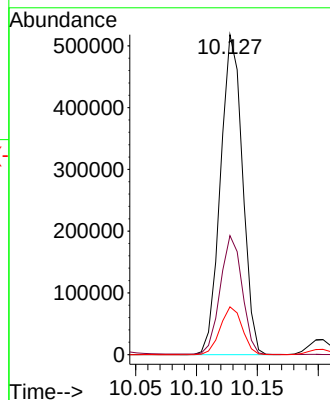
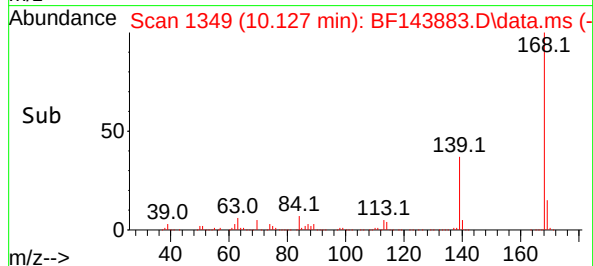
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:168 Resp: 653073
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 15.0 12.8 19.2

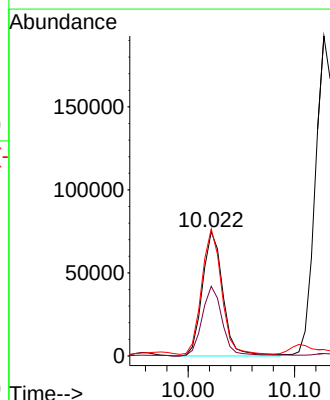
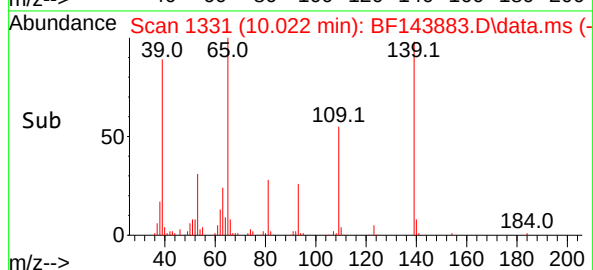
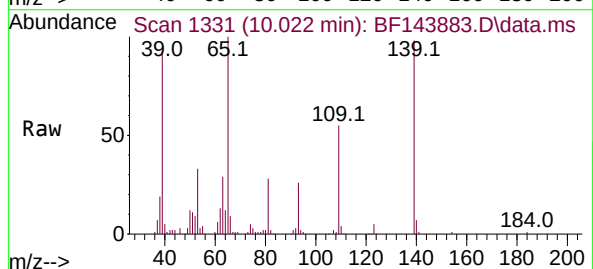
Manual Integrations
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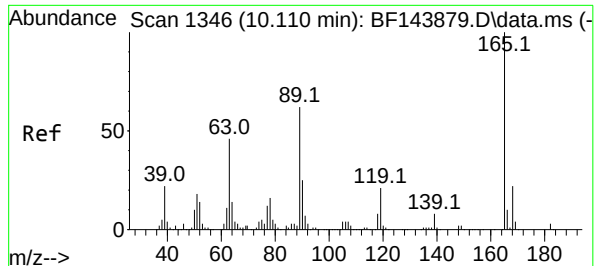
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#56
4-Nitrophenol
Concen: 36.850 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 99684
Ion Ratio Lower Upper
139 100
109 56.0 34.5 74.5
65 102.2 77.6 117.6





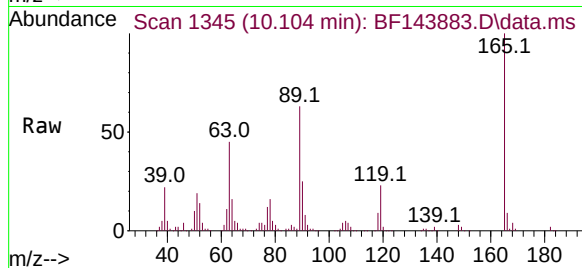
#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

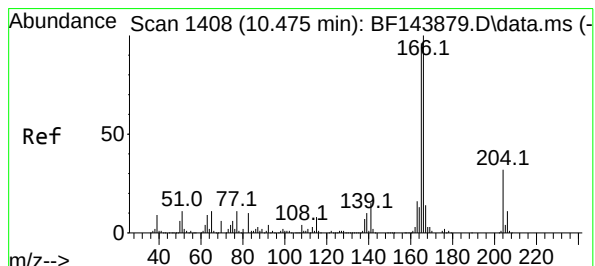
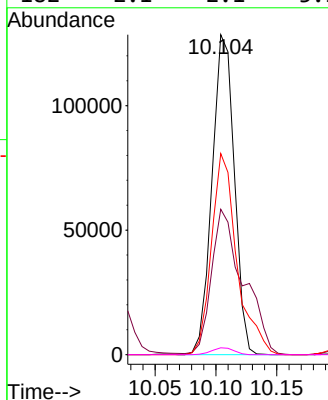
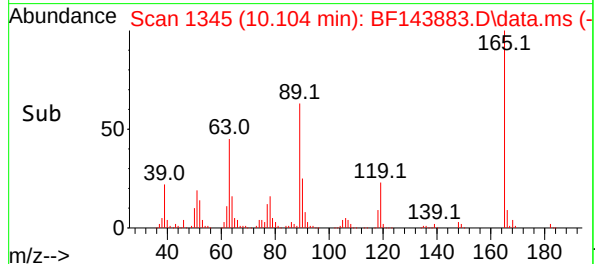


Tgt Ion:165 Resp: 163440
Ion Ratio Lower Upper
165 100
63 45.4 37.2 55.8
89 62.8 49.4 74.2
182 2.1 2.1 3.1

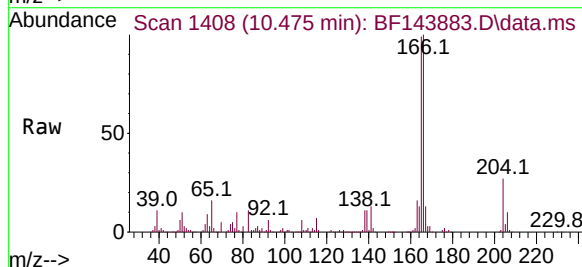
Manual Integrations

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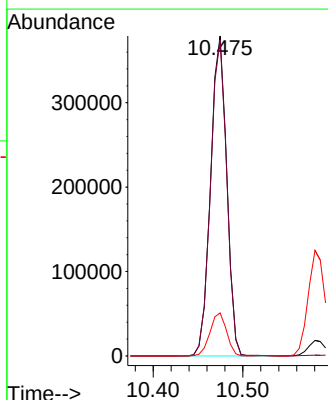
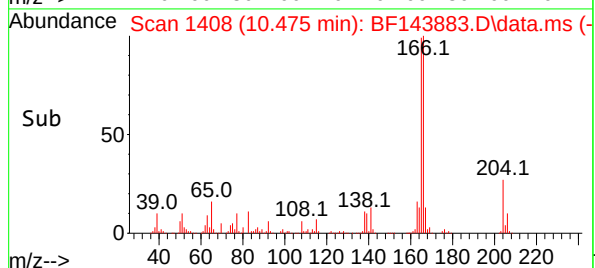
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

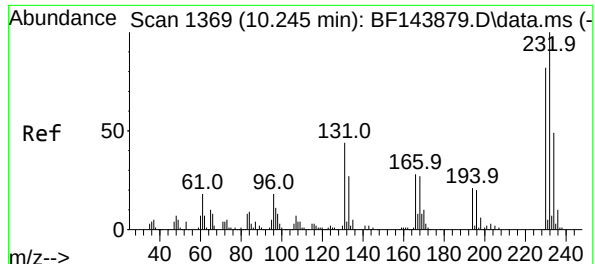


#58
Fluorene
Concen: 35.527 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:166 Resp: 476811
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.4 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.488 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.047 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:232 Resp: 144064

Ion Ratio Lower Upper

232 100

131 40.0 34.9 52.3

130 1.8 1.6 2.4

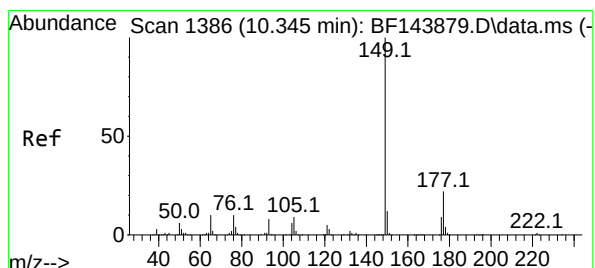
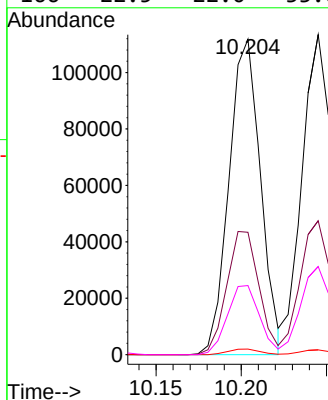
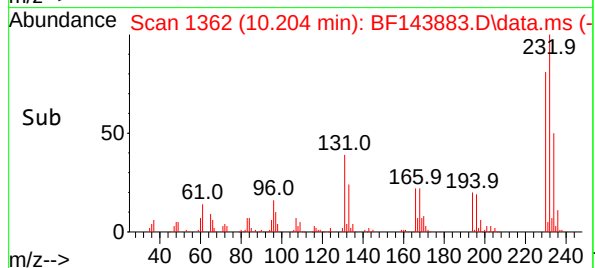
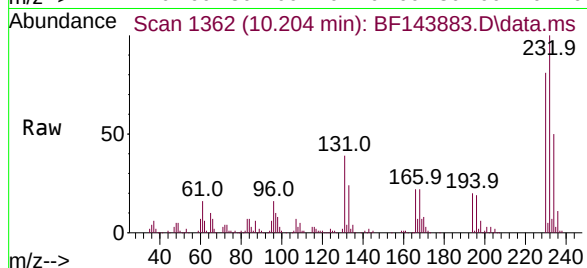
166 22.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#60

Diethylphthalate

Concen: 36.501 ng

RT: 10.345 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

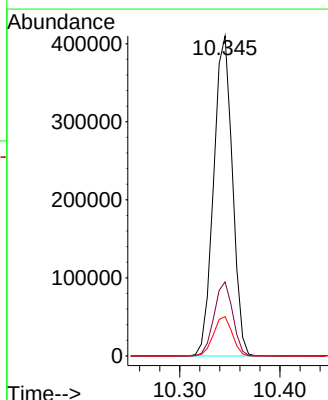
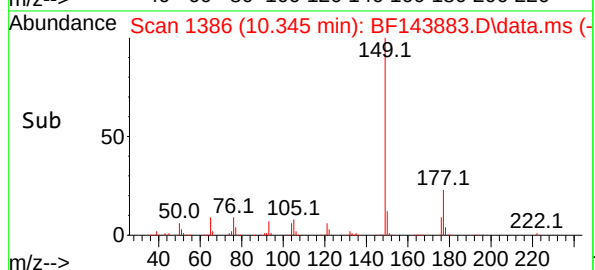
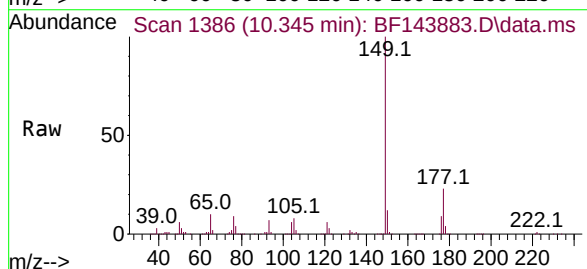
Tgt Ion:149 Resp: 533574

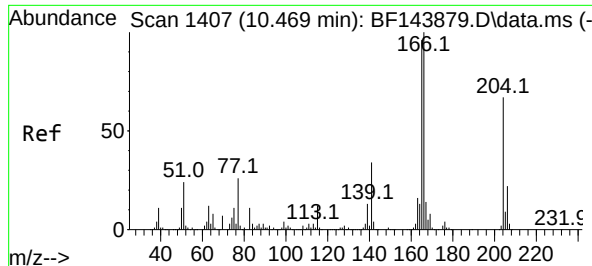
Ion Ratio Lower Upper

149 100

177 23.1 17.9 26.9

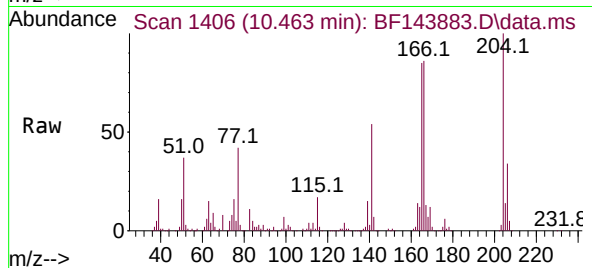
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

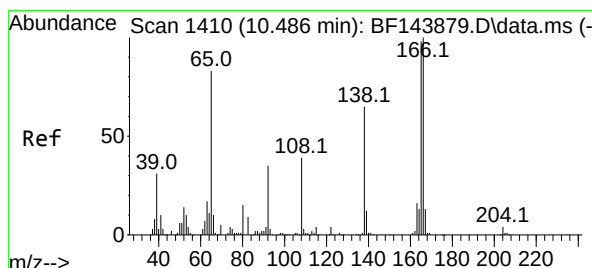
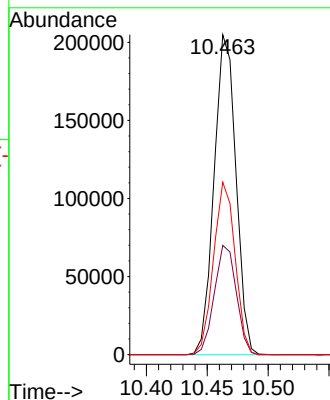
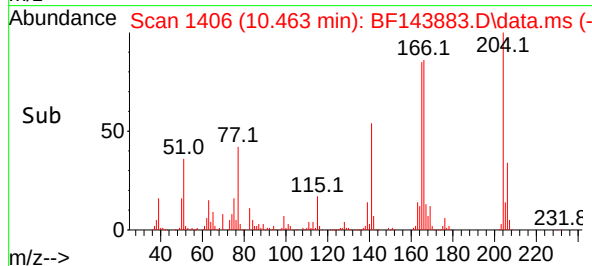
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:204 Resp: 25624
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 53.9 40.4 60.6

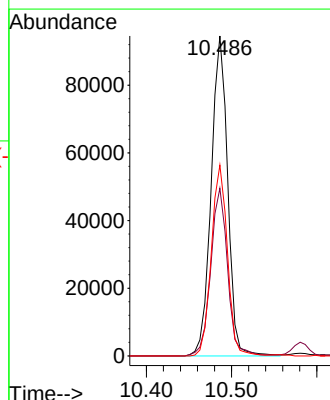
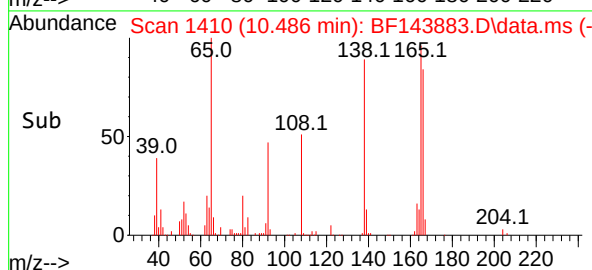
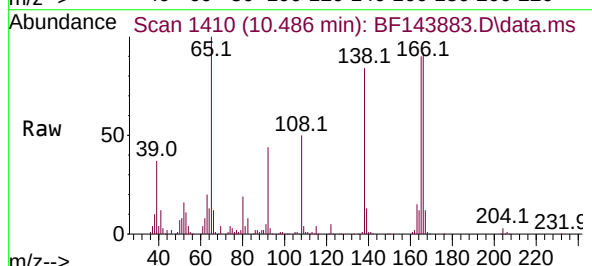
Manual Integrations
APPROVED

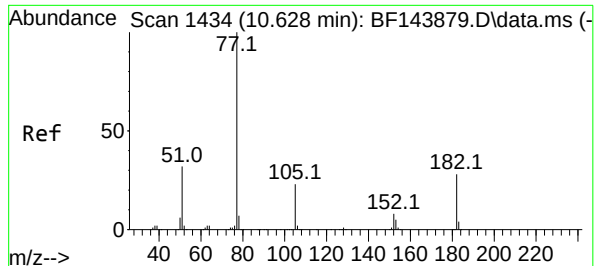
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

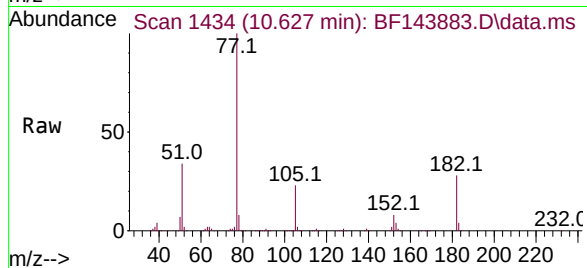
Tgt Ion:138 Resp: 127369
Ion Ratio Lower Upper
138 100
92 52.4 33.9 73.9
108 59.6 40.2 80.2





#63
Azobenzene
Concen: 36.837 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

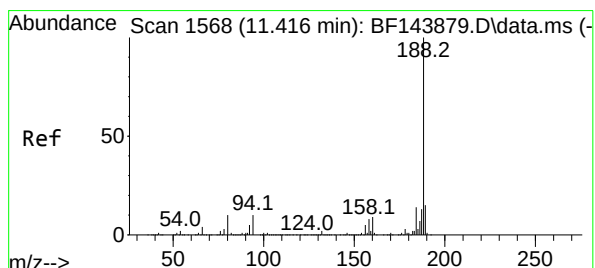
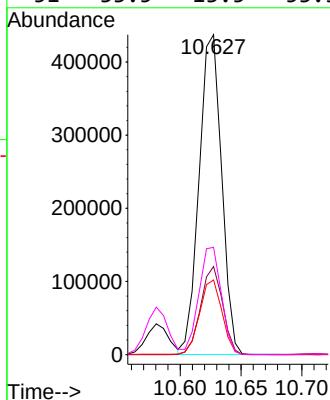
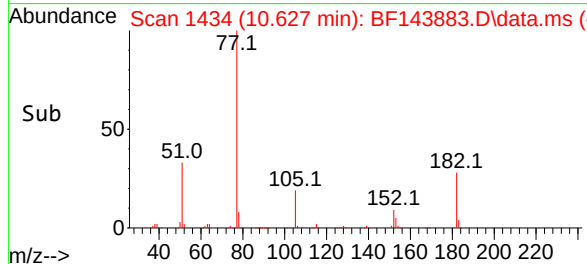
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 77 Resp: 56278
Ion Ratio Lower Upper
77 100
182 27.5 7.3 47.3
105 23.3 3.0 43.0
51 33.5 13.5 53.5

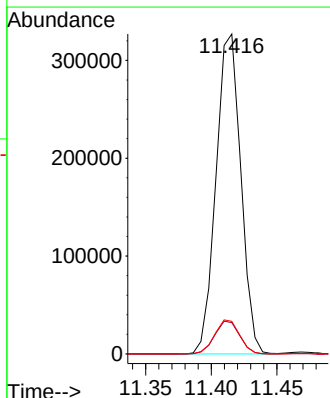
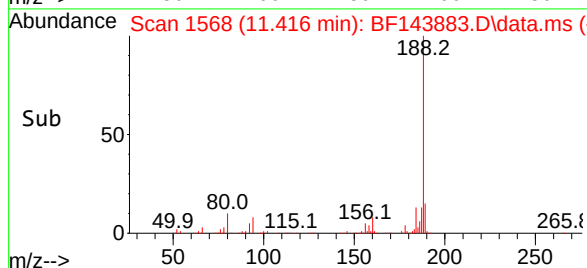
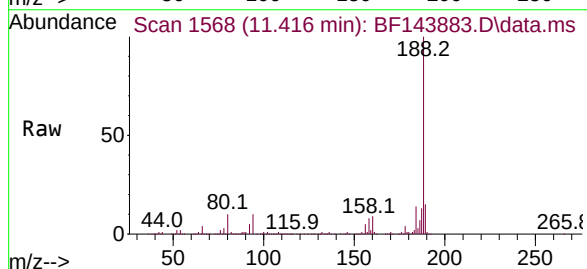
Manual Integrations
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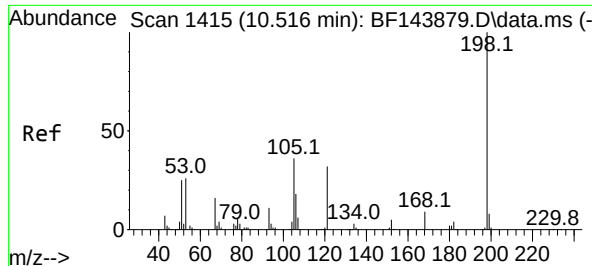
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:188 Resp: 431562
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.2 7.9 11.9





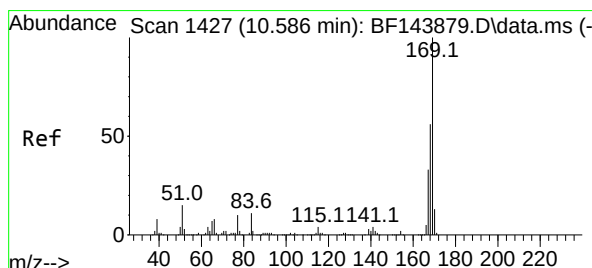
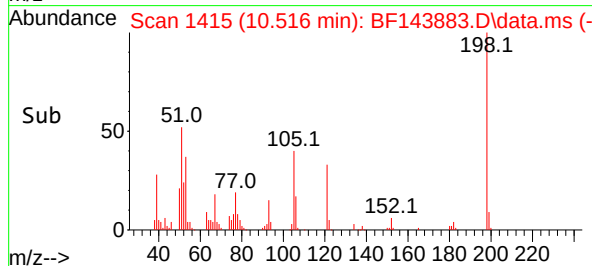
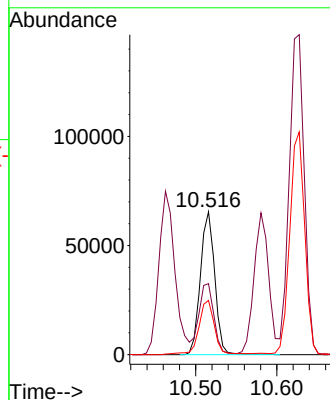
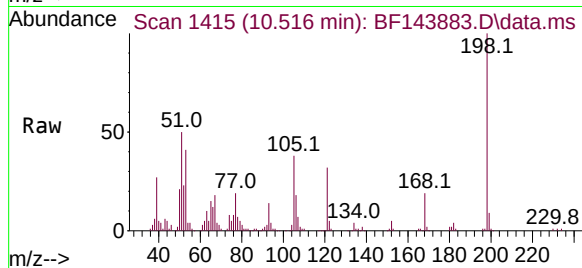
#65
4,6-Dinitro-2-methylphenol
Concen: 37.083 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:198 Resp: 80422
Ion Ratio Lower Upper
198 100
51 49.7 33.8 73.8
105 37.9 17.0 57.0

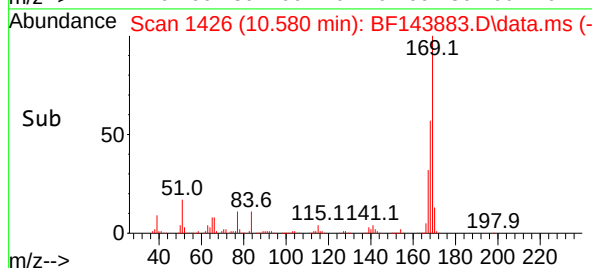
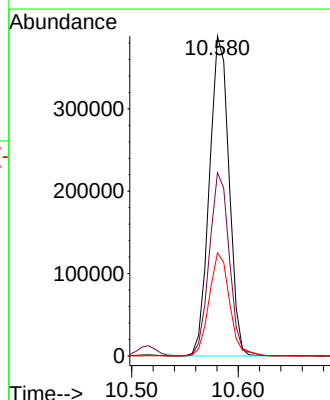
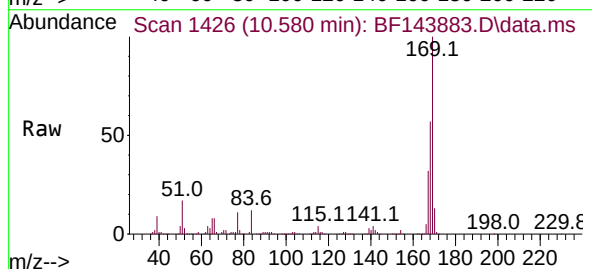
Manual Integrations
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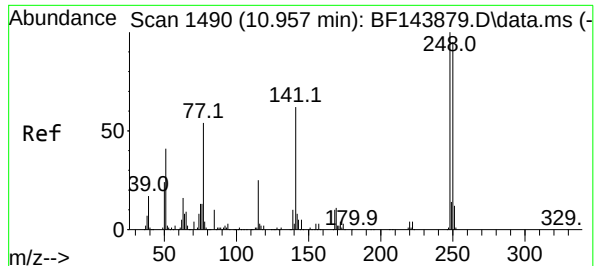
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 36.649 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

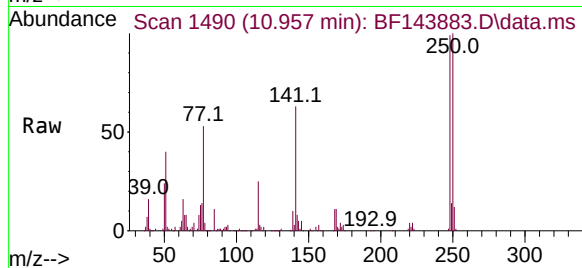
Tgt Ion:169 Resp: 496618
Ion Ratio Lower Upper
169 100
168 57.3 44.9 67.3
167 32.2 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 33.973 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

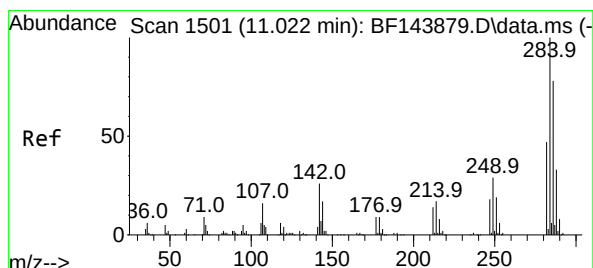
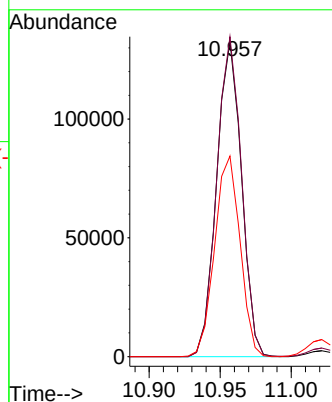
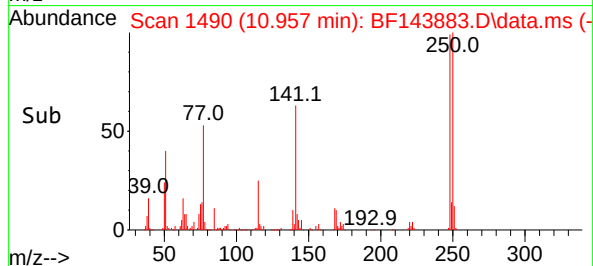
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:248 Resp: 162033
Ion Ratio Lower Upper
248 100
250 101.4 76.3 114.5
141 63.6 49.7 74.5

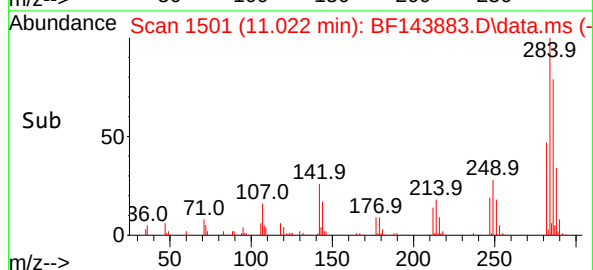
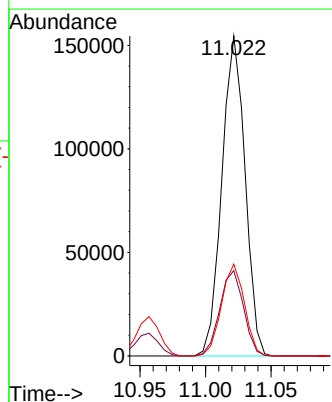
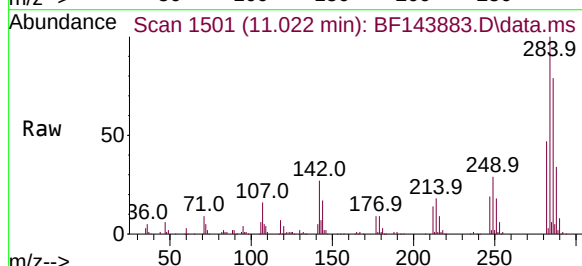
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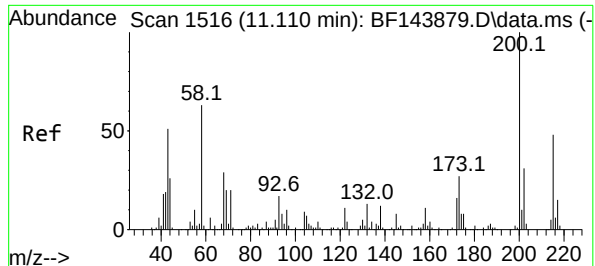
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:284 Resp: 190028
Ion Ratio Lower Upper
284 100
142 26.6 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 39.016 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

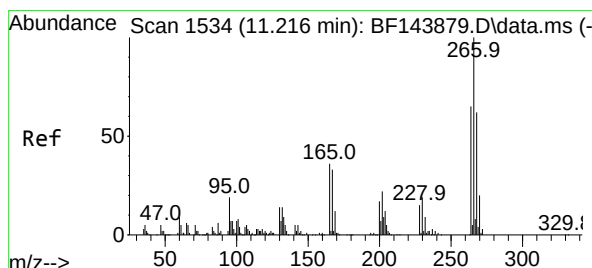
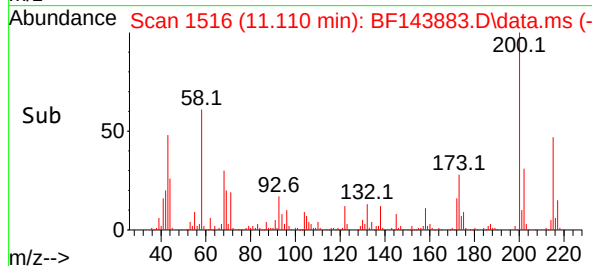
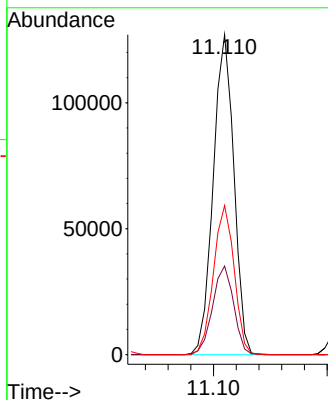
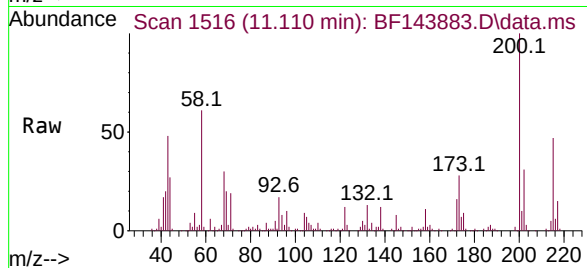
ICVBF100625

Tgt Ion:200 Resp: 160244
Ion Ratio Lower Upper
200 100
173 27.7 7.0 47.0
215 46.6 27.8 67.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 33.097 ng

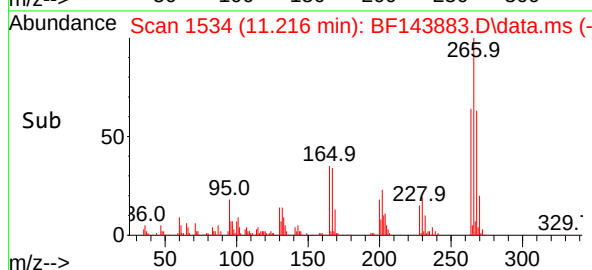
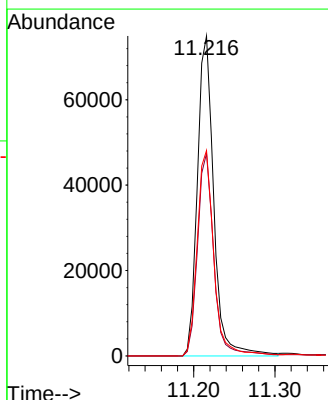
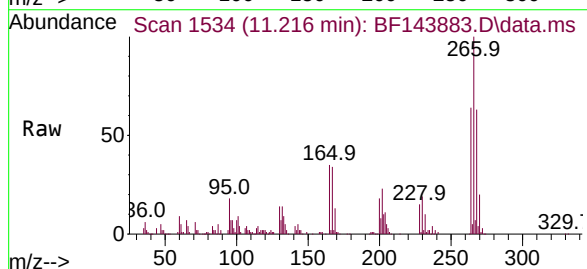
RT: 11.216 min Scan# 1534

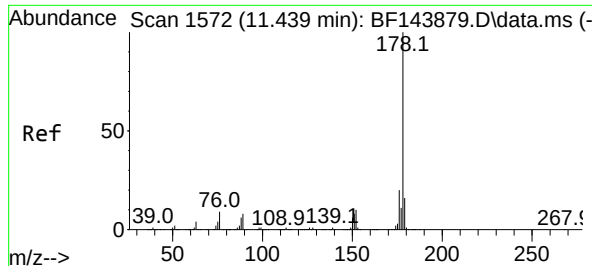
Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:266 Resp: 104958
Ion Ratio Lower Upper
266 100
268 63.3 49.4 74.0
264 64.2 51.8 77.6





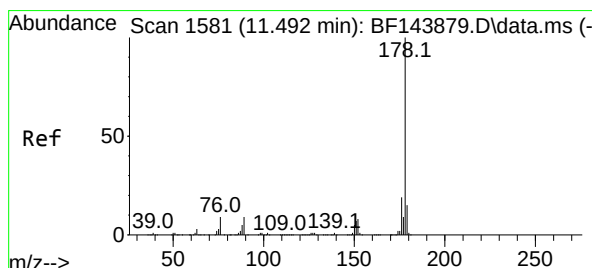
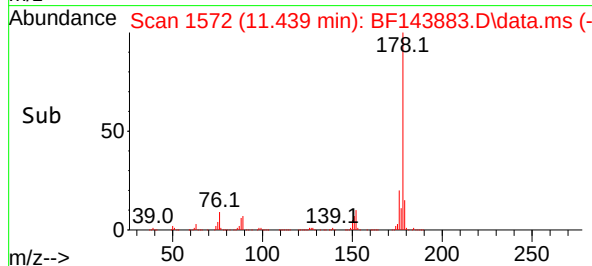
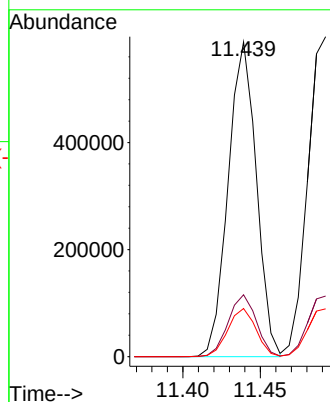
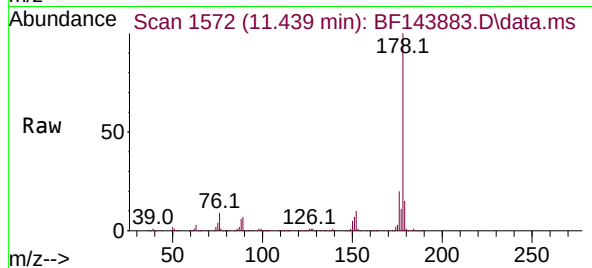
#71
Phenanthrene
Concen: 35.542 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:178 Resp: 743609
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.3 12.4 18.6

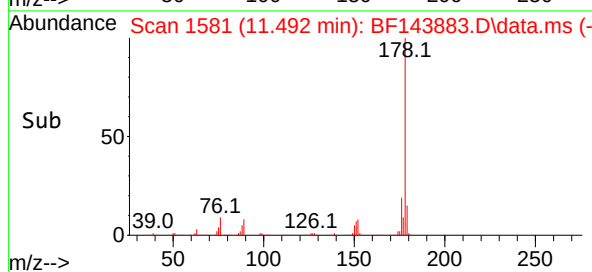
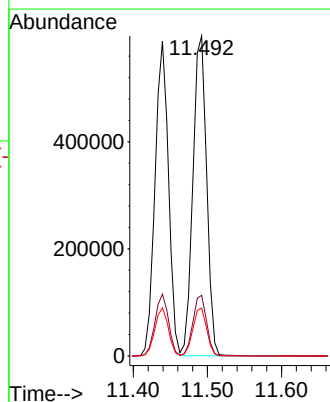
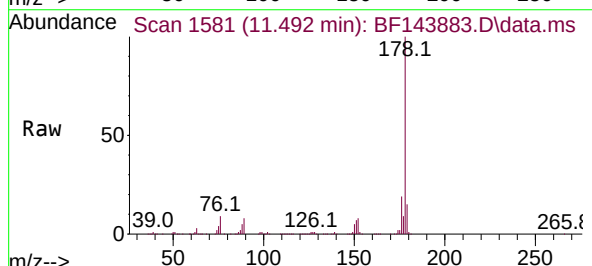
Manual Integrations
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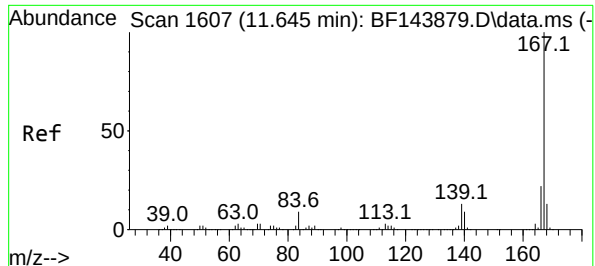
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 36.273 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

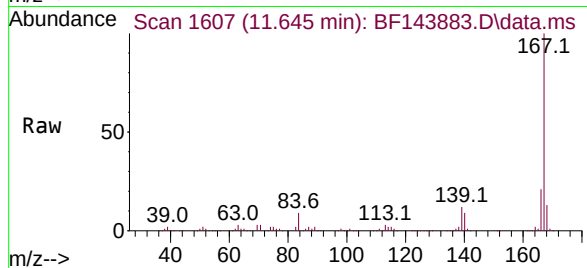
Tgt Ion:178 Resp: 766674
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.9 12.2 18.2





#73
Carbazole
Concen: 36.246 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

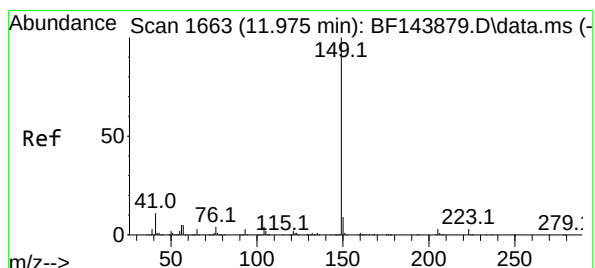
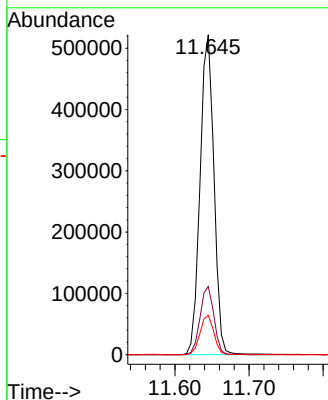
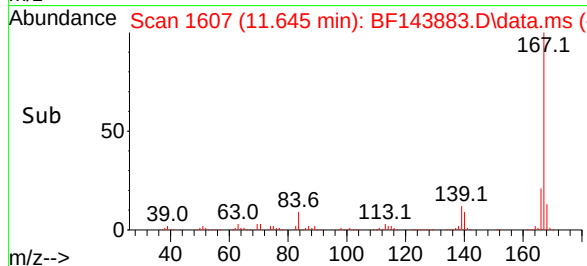
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



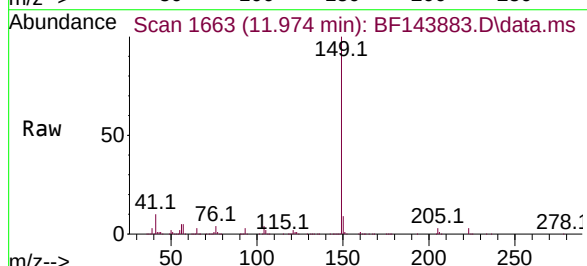
Tgt Ion:167 Resp: 678522
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.3 10.1 15.1

Manual Integrations
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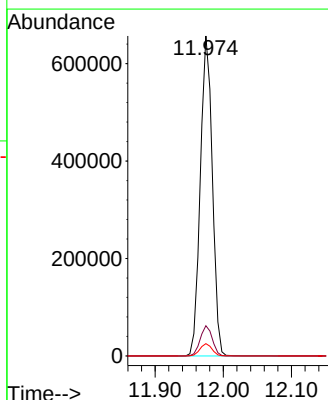
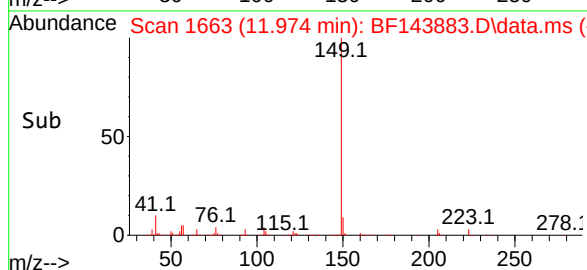
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

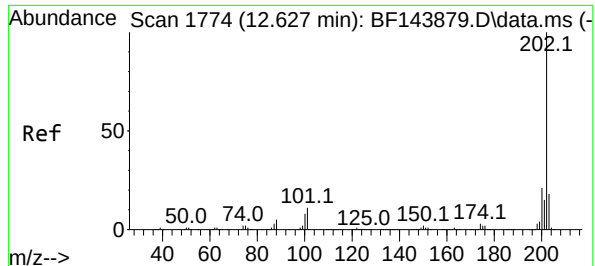


#74
Di-n-butylphthalate
Concen: 37.171 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



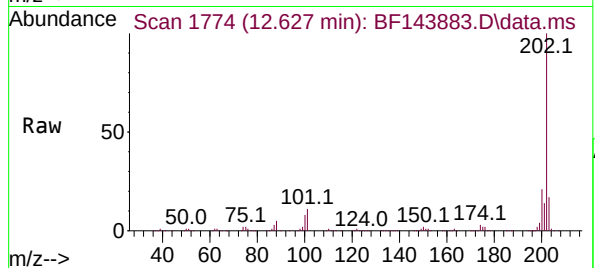
Tgt Ion:149 Resp: 806451
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 36.019 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

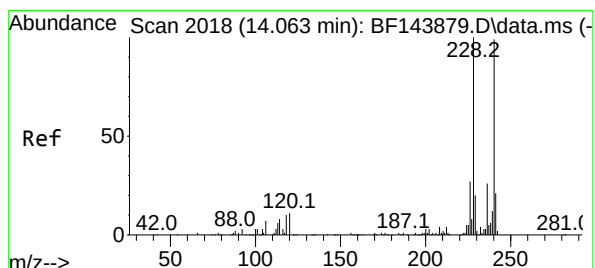
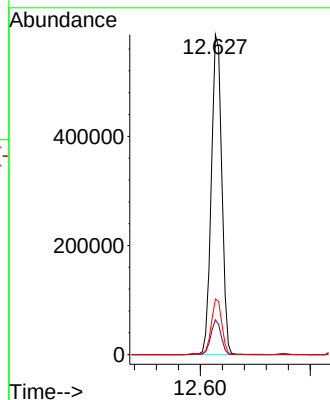
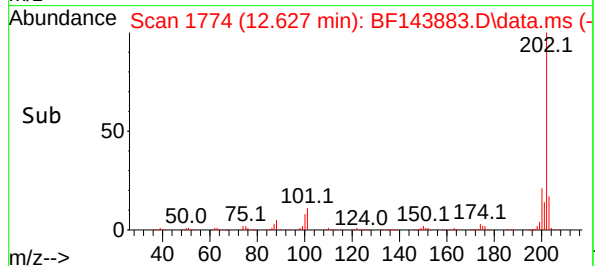
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



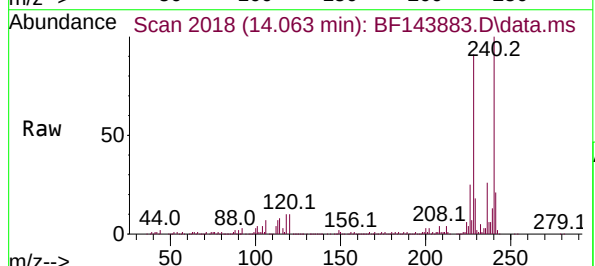
Tgt Ion:202 Resp: 778418
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.4 0.0 37.8

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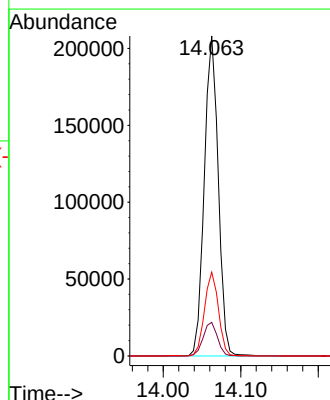
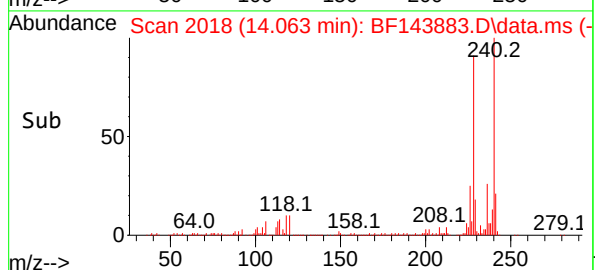
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

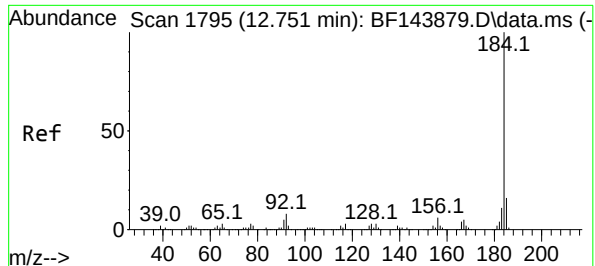


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:240 Resp: 259802
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 26.2 21.1 31.7





#77

Benzidine

Concen: 45.411 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:184 Resp: 409653

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

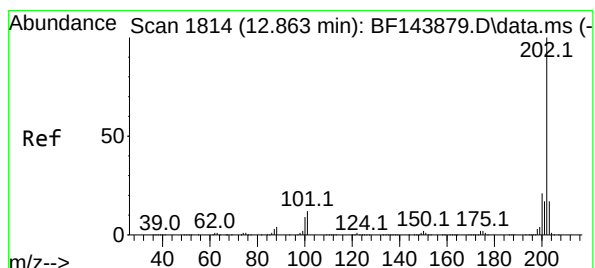
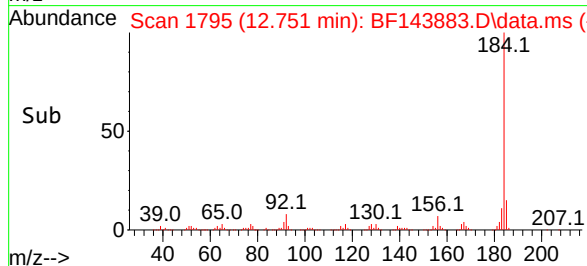
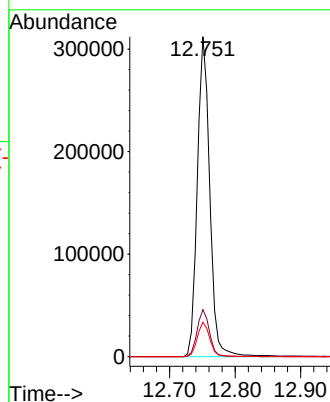
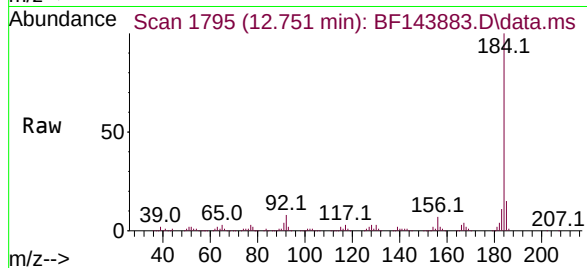
183 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 36.431 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

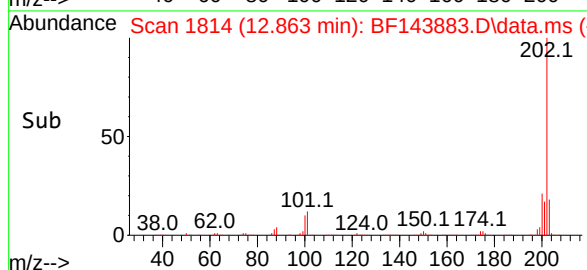
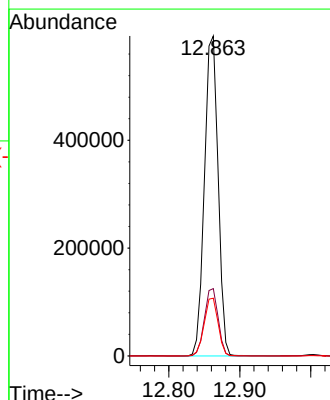
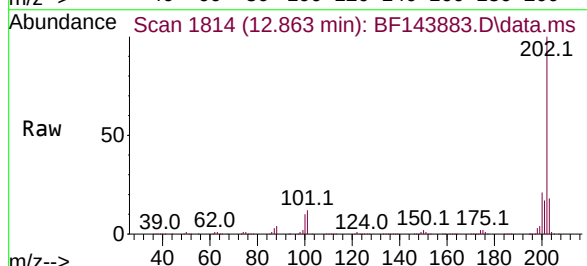
Tgt Ion:202 Resp: 789075

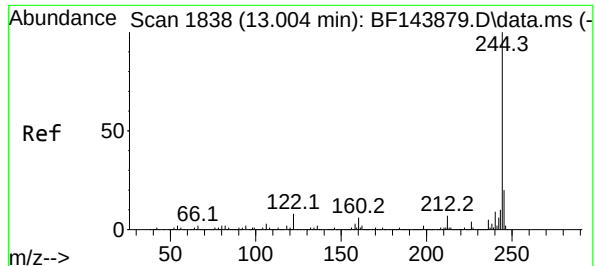
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 18.0 13.8 20.6





#79

Terphenyl-d14

Concen: 74.443 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143883.D

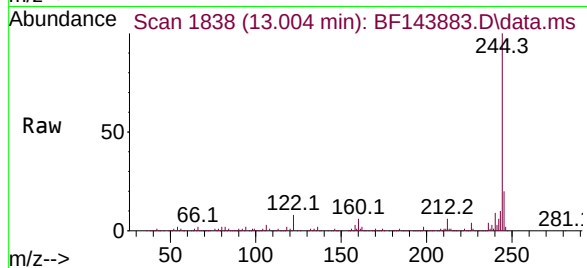
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



Tgt Ion:244 Resp: 1131636

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

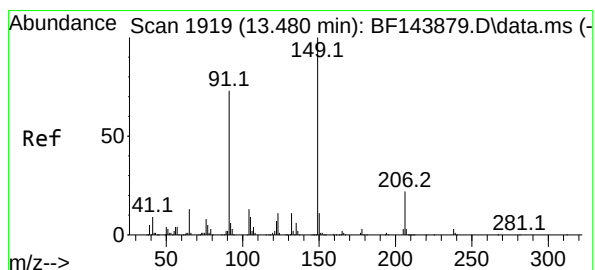
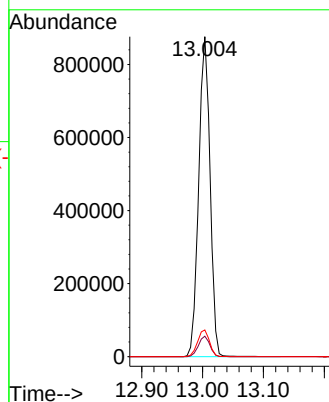
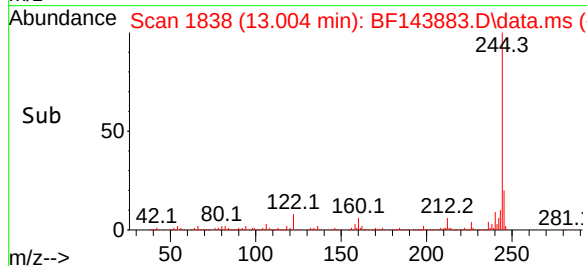
122 8.3 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

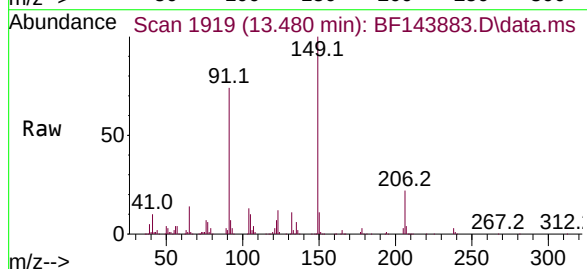
Concen: 38.986 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



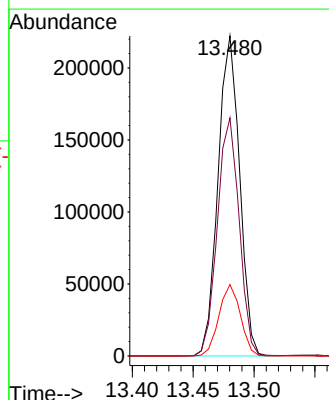
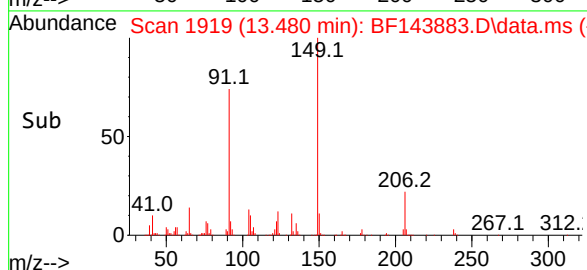
Tgt Ion:149 Resp: 274237

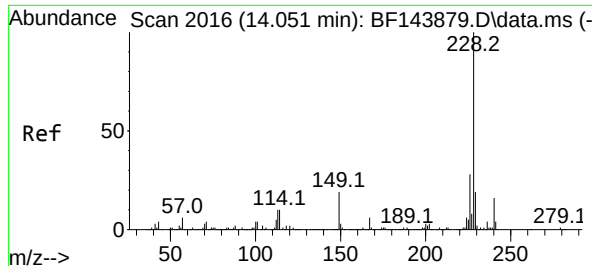
Ion Ratio Lower Upper

149 100

91 74.4 58.2 87.2

206 22.3 17.9 26.9





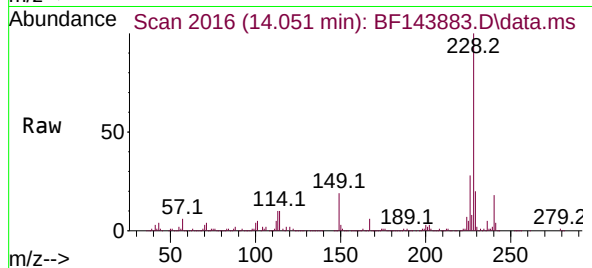
#81
Benzo(a)anthracene
Concen: 36.142 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

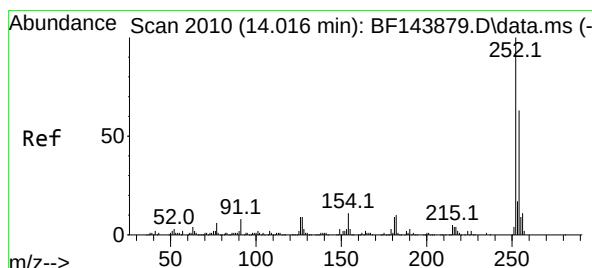
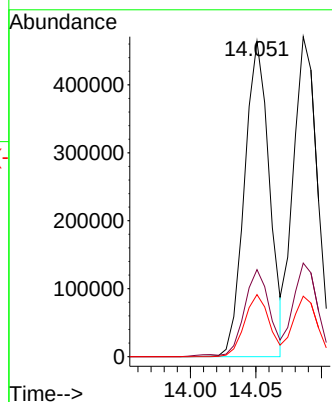
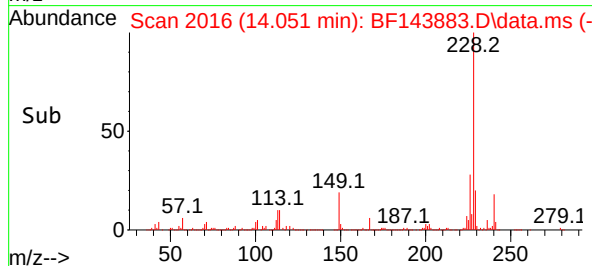


Tgt Ion:228 Resp: 614473
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.7 15.6 23.4

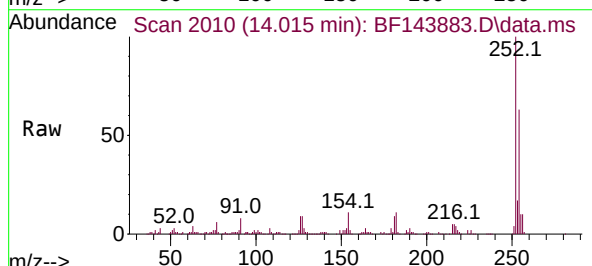
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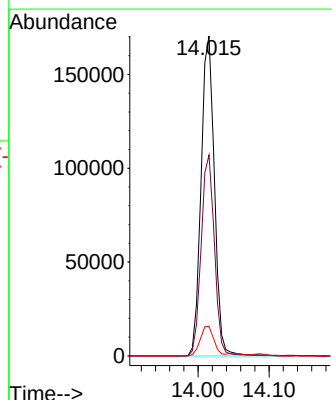
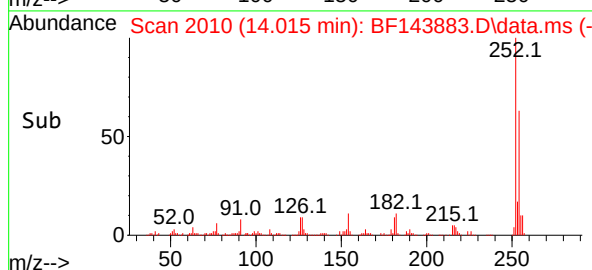
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

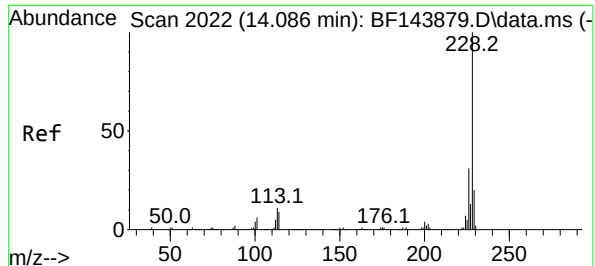


#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:252 Resp: 221480
Ion Ratio Lower Upper
252 100
254 62.8 50.6 76.0
126 9.2 7.0 10.6





#83

Chrysene

Concen: 37.792 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:228 Resp: 594668

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

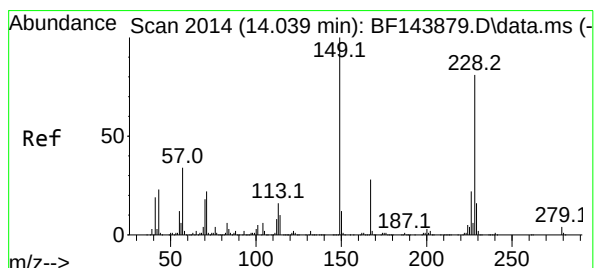
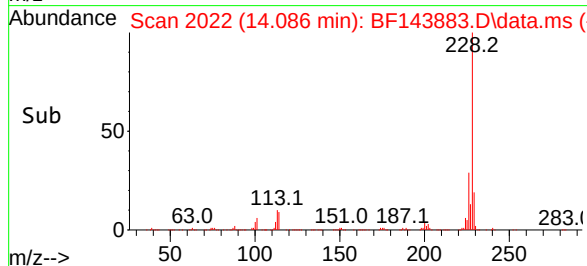
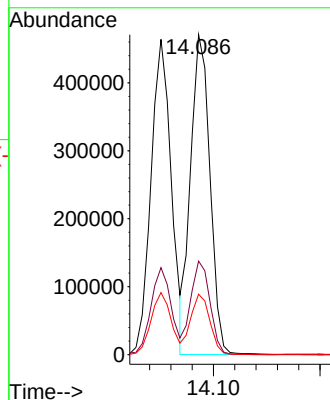
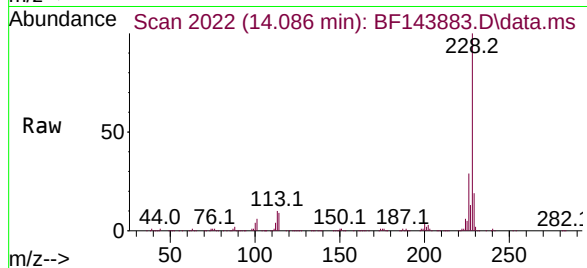
229 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.560 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

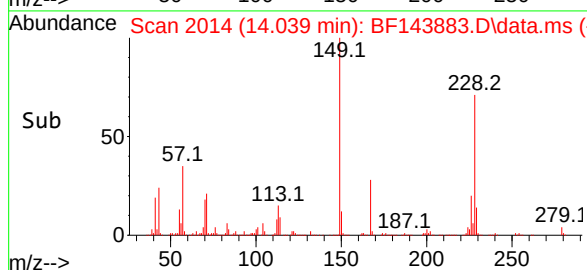
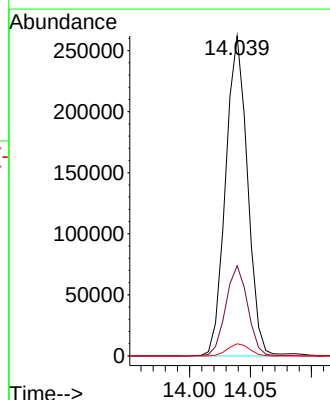
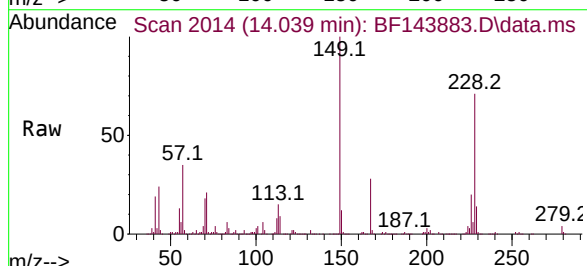
Tgt Ion:149 Resp: 326966

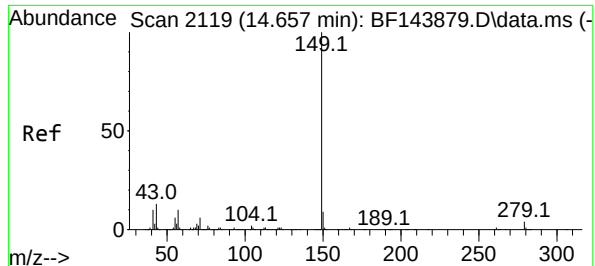
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

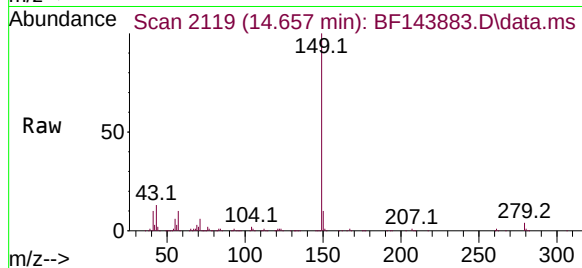
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 36.116 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

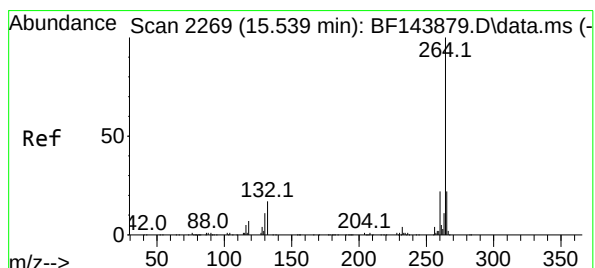
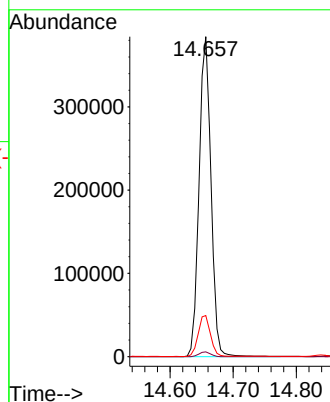
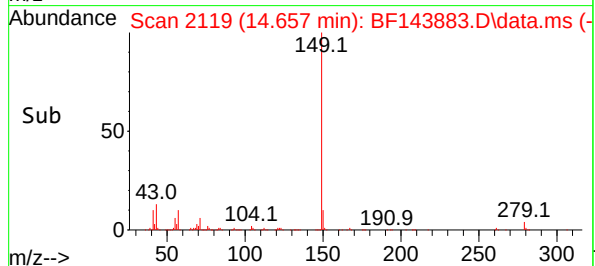
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:149 Resp: 502989
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.2 11.0 16.4

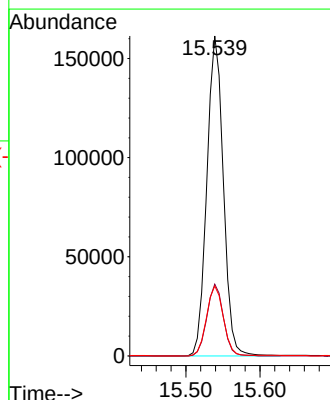
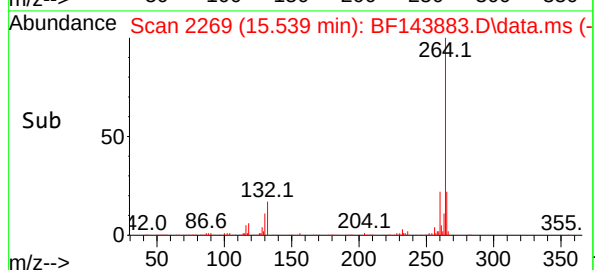
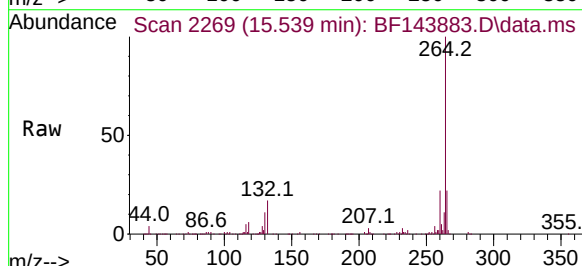
Manual Integrations
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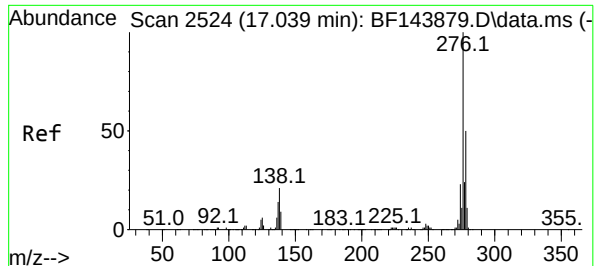
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:264 Resp: 249446
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.8
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.867 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:276 Resp: 563492

Ion Ratio Lower Upper

276 100

138 23.7 18.2 27.2

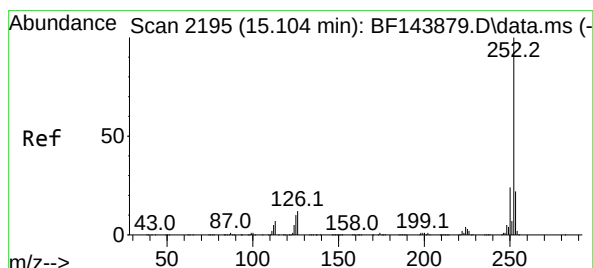
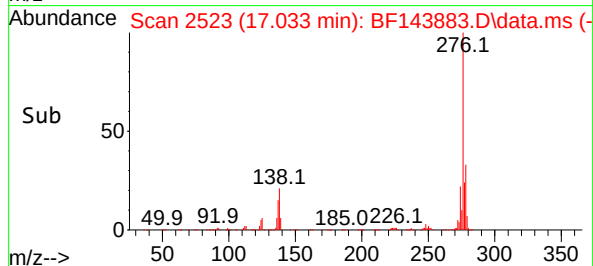
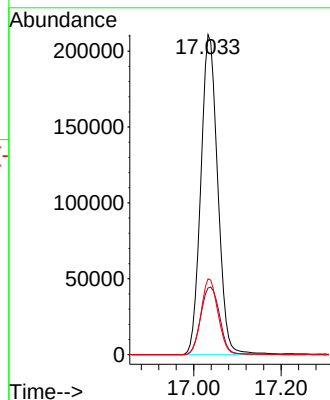
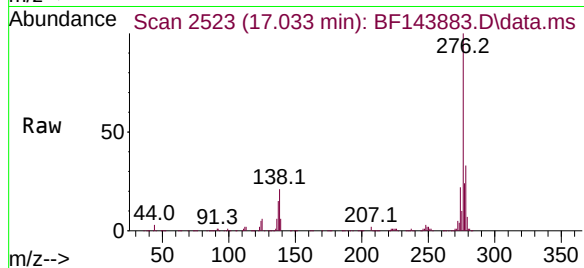
277 23.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 37.533 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

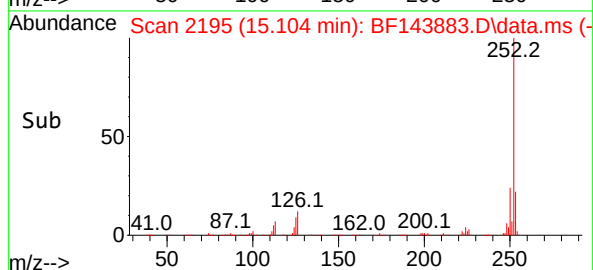
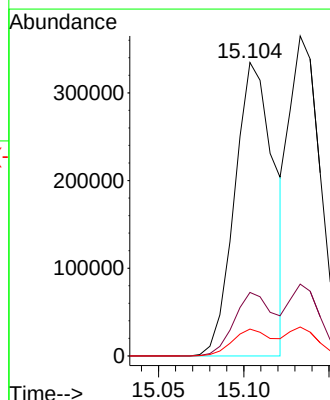
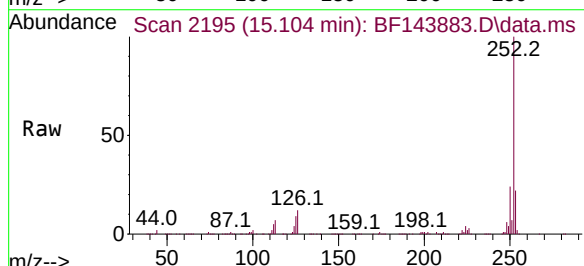
Tgt Ion:252 Resp: 537814

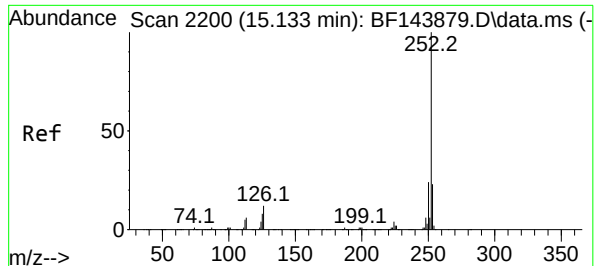
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 35.252 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:252 Resp: 467396

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

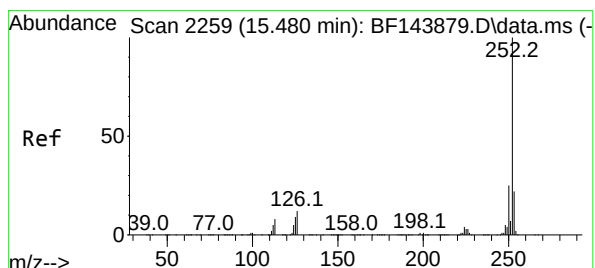
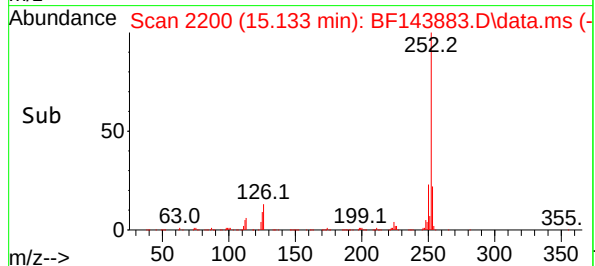
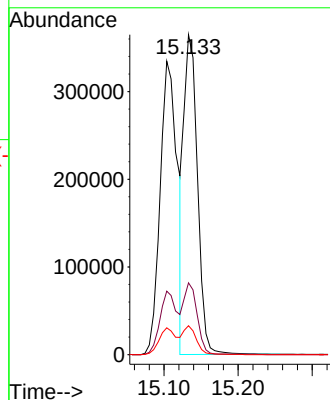
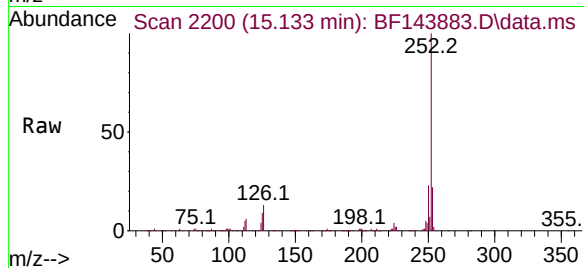
125 9.0 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 37.900 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

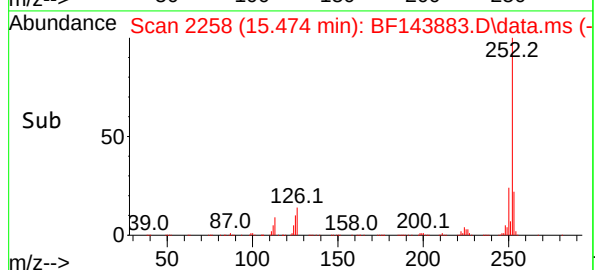
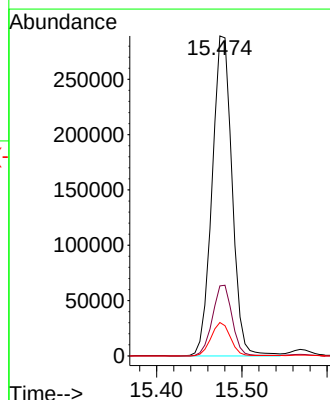
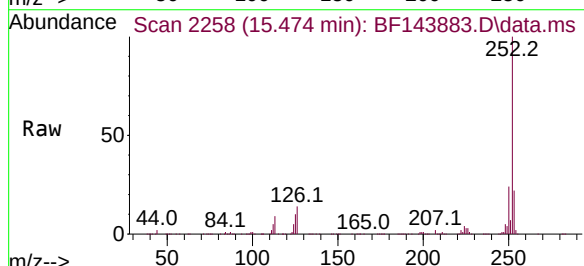
Tgt Ion:252 Resp: 470896

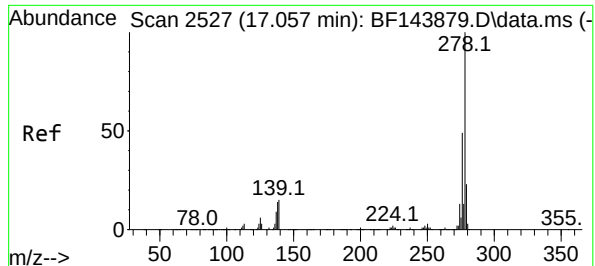
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 36.995 ng
RT: 17.051 min Scan# 2527
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

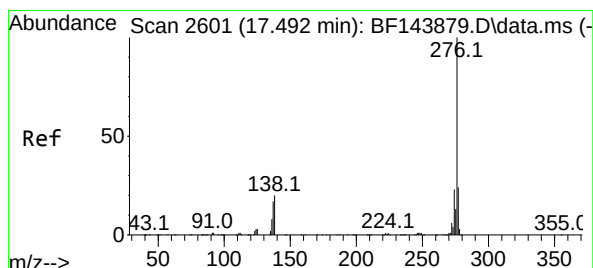
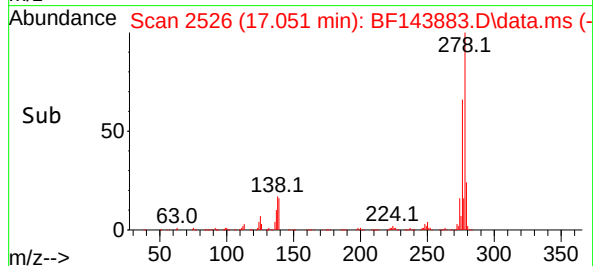
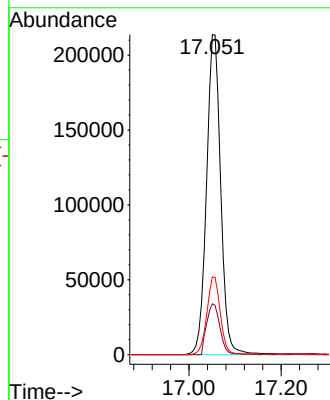
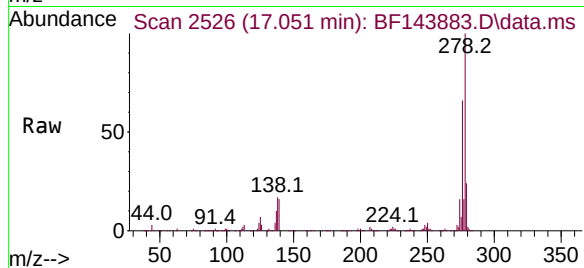
ClientSampleId :

ICVBF100625

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.7	17.5
279	24.3	18.4	27.6

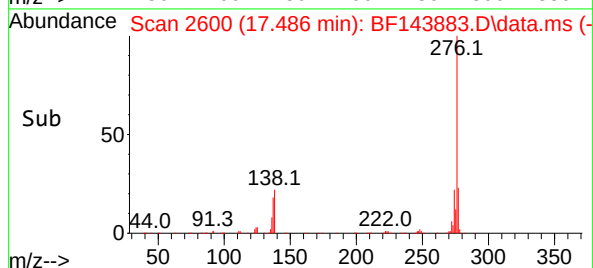
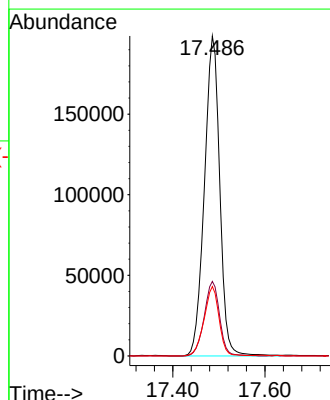
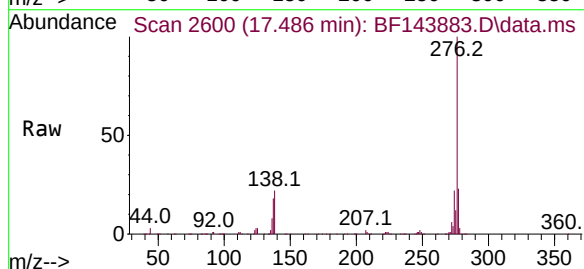
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 37.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	21.7	16.1	24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	92	0.00
2	1,4-Dioxane	0.583	0.543	6.9	82	0.00
3	Pyridine	1.697	1.496	11.8	78	0.00
4	n-Nitrosodimethylamine	0.893	0.858	3.9	87	-0.03
5 S	2-Fluorophenol	1.259	1.179	6.4	83	0.00
6	Aniline	2.250	2.134	5.2	84	0.00
7 S	Phenol-d6	1.501	1.398	6.9	83	-0.02
8	2-Chlorophenol	1.231	1.173	4.7	83	0.00
9	Benzaldehyde	1.158	1.075	7.2	74	0.00
10 C	Phenol	1.795	1.683	6.2	84	-0.02
11	bis(2-Chloroethyl)ether	1.386	1.267	8.6	81	-0.01
12	1,3-Dichlorobenzene	1.474	1.394	5.4	84	0.00
13 C	1,4-Dichlorobenzene	1.454	1.395	4.1	86	0.00
14	1,2-Dichlorobenzene	1.392	1.380	0.9	88	0.00
15	Benzyl Alcohol	1.125	1.096	2.6	86	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	2.964	6.1	84	0.00
17	2-Methylphenol	1.017	0.976	4.0	85	0.00
18	Hexachloroethane	0.485	0.458	5.6	84	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.941	8.5	84	-0.02
20	3+4-Methylphenols	1.179	1.176	0.3	85	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.423	0.399	5.7	86	-0.01
23 S	Nitrobenzene-d5	0.329	0.306	7.0	83	-0.01
24	Nitrobenzene	0.366	0.345	5.7	82	-0.01
25	Isophorone	0.694	0.613	11.7	81	-0.02
26 C	2-Nitrophenol	0.157	0.152	3.2	82	0.00
27	2,4-Dimethylphenol	0.282	0.288	-2.1	91	-0.01
28	bis(2-Chloroethoxy)methane	0.438	0.402	8.2	85	-0.01
29 C	2,4-Dichlorophenol	0.294	0.271	7.8	83	-0.01
30	1,2,4-Trichlorobenzene	0.289	0.271	6.2	85	0.00
31	Naphthalene	0.910	0.834	8.4	84	0.00
32	Benzoic acid	0.195	0.172	11.8	80	-0.06
33	4-Chloroaniline	0.341	0.358	-5.0	94	0.00
34 C	Hexachlorobutadiene	0.201	0.177	11.9	80	0.00
35	Caprolactam	0.093	0.088	5.4	86	-0.05
36 C	4-Chloro-3-methylphenol	0.282	0.254	9.9	83	-0.01
37	2-Methylnaphthalene	0.606	0.504	16.8	76	0.00
38	1-Methylnaphthalene	0.588	0.518	11.9	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.513	7.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.281	-22.7	104	0.00
42 S	2,4,6-Tribromophenol	0.199	0.178	10.6	82	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.371	8.2	79	-0.01
44	2,4,5-Trichlorophenol	0.427	0.376	11.9	78	-0.01
45 S	2-Fluorobiphenyl	1.260	1.065	15.5	83	-0.01
46	1,1'-Biphenyl	1.324	1.217	8.1	84	0.00
47	2-Chloronaphthalene	1.104	1.006	8.9	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	0.349	0.339	2.9	83	0.00
49	Acenaphthylene	1.552	1.585	-2.1	93	0.00
50	Dimethylphthalate	1.270	1.142	10.1	84	0.00
51	2,6-Dinitrotoluene	0.236	0.247	-4.7	90	-0.01
52 C	Acenaphthene	1.017	0.913	10.2	83	0.00
53	3-Nitroaniline	0.288	0.292	-1.4	91	-0.01
54 P	2,4-Dinitrophenol	0.118	0.107	9.3	85	-0.01
55	Dibenzofuran	1.436	1.318	8.2	84	0.00
56 P	4-Nitrophenol	0.218	0.201	7.8	82	-0.02
57	2,4-Dinitrotoluene	0.320	0.330	-3.1	86	-0.01
58	Fluorene	1.083	0.962	11.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.291	3.6	85	-0.05
60	Diethylphthalate	1.180	1.077	8.7	84	0.00
61	4-Chlorophenyl-phenylether	0.573	0.517	9.8	83	0.00
62	4-Nitroaniline	0.277	0.257	7.2	84	-0.02
63	Azobenzene	1.233	1.136	7.9	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.093	7.9	82	-0.02
66 c	n-Nitrosodiphenylamine	0.628	0.575	8.4	85	-0.01
67	4-Bromophenyl-phenylether	0.221	0.188	14.9	79	0.00
68	Hexachlorobenzene	0.256	0.220	14.1	80	0.00
69	Atrazine	0.190	0.186	2.1	93	-0.01
70 C	Pentachlorophenol	0.147	0.122	17.0	75	0.00
71	Phenanthrene	0.970	0.862	11.1	86	0.00
72	Anthracene	0.980	0.888	9.4	84	0.00
73	Carbazole	0.868	0.786	9.4	86	0.00
74	Di-n-butylphthalate	1.005	0.934	7.1	86	0.00
75 C	Fluoranthene	1.002	0.902	10.0	85	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.694	0.788	-13.5	106	0.00
78	Pyrene	1.667	1.519	8.9	83	0.00
79 S	Terphenyl-d14	1.170	1.089	6.9	87	0.00
80	Butylbenzylphthalate	0.542	0.528	2.6	87	0.00
81	Benzo(a)anthracene	1.309	1.183	9.6	86	0.00
82	3,3'-Dichlorobenzidine	0.399	0.426	-6.8	99	0.00
83	Chrysene	1.211	1.144	5.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.629	3.7	87	0.00
85 c	Di-n-octyl phthalate	1.072	0.968	9.7	83	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.129	7.8	81	-0.02
88	Benzo(b)fluoranthene	1.149	1.078	6.2	84	-0.01
89	Benzo(k)fluoranthene	1.063	0.937	11.9	84	-0.01
90 C	Benzo(a)pyrene	0.996	0.944	5.2	85	-0.01
91	Dibenzo(a,h)anthracene	0.986	0.912	7.5	80	-0.03
92	Benzo(g,h,i)perylene	0.986	0.916	7.1	81	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	92	0.00
2	1,4-Dioxane	40.000	37.256	6.9	82	0.00
3	Pyridine	40.000	35.261	11.8	78	0.00
4	n-Nitrosodimethylamine	40.000	38.456	3.9	87	-0.03
5 S	2-Fluorophenol	80.000	74.908	6.4	83	0.00
6	Aniline	40.000	37.937	5.2	84	0.00
7 S	Phenol-d6	80.000	74.487	6.9	83	-0.02
8	2-Chlorophenol	40.000	38.116	4.7	83	0.00
9	Benzaldehyde	40.000	37.141	7.1	74	0.00
10 C	Phenol	40.000	37.501	6.2	84	-0.02
11	bis(2-Chloroethyl)ether	40.000	36.561	8.6	81	-0.01
12	1,3-Dichlorobenzene	40.000	37.828	5.4	84	0.00
13 C	1,4-Dichlorobenzene	40.000	38.392	4.0	86	0.00
14	1,2-Dichlorobenzene	40.000	39.655	0.9	88	0.00
15	Benzyl Alcohol	40.000	38.974	2.6	86	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	37.568	6.1	84	0.00
17	2-Methylphenol	40.000	38.352	4.1	85	0.00
18	Hexachloroethane	40.000	37.755	5.6	84	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.612	8.5	84	-0.02
20	3+4-Methylphenols	40.000	39.880	0.3	85	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	37.713	5.7	86	-0.01
23 S	Nitrobenzene-d5	80.000	74.330	7.1	83	-0.01
24	Nitrobenzene	40.000	37.727	5.7	82	-0.01
25	Isophorone	40.000	35.347	11.6	81	-0.02
26 C	2-Nitrophenol	40.000	38.717	3.2	82	0.00
27	2,4-Dimethylphenol	40.000	40.847	-2.1	91	-0.01
28	bis(2-Chloroethoxy)methane	40.000	36.639	8.4	85	-0.01
29 C	2,4-Dichlorophenol	40.000	36.899	7.8	83	-0.01
30	1,2,4-Trichlorobenzene	40.000	37.503	6.2	85	0.00
31	Naphthalene	40.000	36.679	8.3	84	0.00
32	Benzoic acid	40.000	35.162	12.1	80	-0.06
33	4-Chloroaniline	40.000	41.950	-4.9	94	0.00
34 C	Hexachlorobutadiene	40.000	35.201	12.0	80	0.00
35	Caprolactam	40.000	37.736	5.7	86	-0.05
36 C	4-Chloro-3-methylphenol	40.000	36.079	9.8	83	-0.01
37	2-Methylnaphthalene	40.000	33.257	16.9	76	0.00
38	1-Methylnaphthalene	40.000	35.269	11.8	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.122	7.2	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.984	-22.5	104	0.00
42 S	2,4,6-Tribromophenol	80.000	71.685	10.4	82	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.726	8.2	79	-0.01
44	2,4,5-Trichlorophenol	40.000	35.194	12.0	78	-0.01
45 S	2-Fluorobiphenyl	80.000	67.621	15.5	83	-0.01
46	1,1'-Biphenyl	40.000	36.770	8.1	84	0.00
47	2-Chloronaphthalene	40.000	36.454	8.9	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	38.894	2.8	83	0.00
49	Acenaphthylene	40.000	40.859	-2.1	93	0.00
50	Dimethylphthalate	40.000	35.968	10.1	84	0.00
51	2,6-Dinitrotoluene	40.000	41.967	-4.9	90	-0.01
52 C	Acenaphthene	40.000	35.913	10.2	83	0.00
53	3-Nitroaniline	40.000	40.493	-1.2	91	-0.01
54 P	2,4-Dinitrophenol	40.000	33.731	15.7	85	-0.01
55	Dibenzofuran	40.000	36.717	8.2	84	0.00
56 P	4-Nitrophenol	40.000	36.850	7.9	82	-0.02
57	2,4-Dinitrotoluene	40.000	41.169	-2.9	86	-0.01
58	Fluorene	40.000	35.527	11.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.488	3.8	85	-0.05
60	Diethylphthalate	40.000	36.501	8.7	84	0.00
61	4-Chlorophenyl-phenylether	40.000	36.113	9.7	83	0.00
62	4-Nitroaniline	40.000	37.074	7.3	84	-0.02
63	Azobenzene	40.000	36.837	7.9	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.083	7.3	82	-0.02
66 c	n-Nitrosodiphenylamine	40.000	36.649	8.4	85	-0.01
67	4-Bromophenyl-phenylether	40.000	33.973	15.1	79	0.00
68	Hexachlorobenzene	40.000	34.415	14.0	80	0.00
69	Atrazine	40.000	39.016	2.5	93	-0.01
70 C	Pentachlorophenol	40.000	33.097	17.3	75	0.00
71	Phenanthrene	40.000	35.542	11.1	86	0.00
72	Anthracene	40.000	36.273	9.3	84	0.00
73	Carbazole	40.000	36.246	9.4	86	0.00
74	Di-n-butylphthalate	40.000	37.171	7.1	86	0.00
75 C	Fluoranthene	40.000	36.019	10.0	85	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	45.411	-13.5	106	0.00
78	Pyrene	40.000	36.431	8.9	83	0.00
79 S	Terphenyl-d14	80.000	74.443	6.9	87	0.00
80	Butylbenzylphthalate	40.000	38.986	2.5	87	0.00
81	Benzo(a)anthracene	40.000	36.142	9.6	86	0.00
82	3,3'-Dichlorobenzidine	40.000	42.747	-6.9	99	0.00
83	Chrysene	40.000	37.792	5.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.560	3.6	87	0.00
85 c	Di-n-octyl phthalate	40.000	36.116	9.7	83	0.00
86 I	Perylene-d12	20.000	20.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.867	7.8	81	-0.02
88	Benzo(b)fluoranthene	40.000	37.533	6.2	84	-0.01
89	Benzo(k)fluoranthene	40.000	35.252	11.9	84	-0.01
90 C	Benzo(a)pyrene	40.000	37.900	5.3	85	-0.01
91	Dibenzo(a,h)anthracene	40.000	36.995	7.5	80	-0.03
92	Benzo(g,h,i)perylene	40.000	37.162	7.1	81	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BG064473.D 5 =BG064474.D 10 =BG064481.D 20 =BG064476.D 40 =BG064477.D 50 =BG064478.D 60 =BG064479.D 80 =BG064480.D

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

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.530	0.412	0.447	0.438	0.398	0.386	0.381	0.427	12.10
3) Pyridine		1.225	1.151	1.147	1.236	1.102	1.095	1.086	1.149	5.33
4) n-Nitrosodimet...			0.854	0.790	0.863	0.833	0.843	0.814	0.833	3.24
5) S 2-Fluorophenol		1.066	1.018	1.053	1.195	1.071	1.108	1.053	1.081	5.26
6) Aniline		1.913	1.738	1.827	2.020	1.772	1.823	1.729	1.832	5.68
7) S Phenol-d6		1.395	1.373	1.446	1.631	1.434	1.496	1.391	1.452	6.12
8) 2-Chlorophenol		1.387	1.264	1.312	1.455	1.264	1.336	1.271	1.327	5.45
9) Benzaldehyde			1.437	1.039	1.527	1.146	1.548	1.037	1.289	18.76
10) C Phenol		1.518	1.397	1.530	1.683	1.517	1.583	1.496	1.532	5.68
11) bis(2-Chloroet...		1.117	0.953	1.002	1.134	1.000	1.064	0.992	1.038	6.61
12) 1,3-Dichlorobe...		1.558	1.459	1.396	1.582	1.385	1.418	1.363	1.452	5.97
13) C 1,4-Dichlorobe...		1.506	1.435	1.452	1.581	1.421	1.421	1.383	1.457	4.57
14) 1,2-Dichlorobe...		1.583	1.389	1.434	1.533	1.377	1.399	1.335	1.436	6.24
15) Benzyl Alcohol			1.224	1.300	1.447	1.342	1.399	1.312	1.337	5.87
16) 2,2'-oxybis(1-...		1.720	1.610	1.657	1.804	1.650	1.708	1.558	1.672	4.80
17) 2-Methylphenol		1.105	1.063	1.087	1.215	1.076	1.143	1.077	1.109	4.81
18) Hexachloroethane		0.586	0.630	0.534	0.604	0.562	0.566	0.544	0.575	5.87
19) P n-Nitroso-di-n...	0.813	1.008	0.913	1.006	1.096	0.959	1.048	0.926	0.971	9.10
20) 3+4-Methylphenols			1.472	1.510	1.700	1.492	1.622	1.494	1.548	5.91
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.476	0.450	0.477	0.516	0.491	0.495	0.486	0.484	4.21
23) S Nitrobenzene-d5		0.360	0.352	0.378	0.396	0.369	0.381	0.369	0.372	3.84
24) Nitrobenzene		0.403	0.348	0.352	0.395	0.364	0.377	0.358	0.371	5.73
25) Isophorone		0.672	0.654	0.674	0.721	0.660	0.686	0.650	0.674	3.59
26) C 2-Nitrophenol		0.197	0.169	0.181	0.192	0.185	0.188	0.181	0.185	4.93
27) 2,4-Dimethylph...		0.277	0.257	0.279	0.299	0.285	0.298	0.281	0.282	4.97
28) bis(2-Chloroet...		0.320	0.320	0.361	0.375	0.336	0.352	0.341	0.343	5.92
29) C 2,4-Dichloroph...		0.323	0.305	0.321	0.343	0.322	0.336	0.332	0.326	3.78
30) 1,2,4-Trichlor...		0.383	0.333	0.360	0.377	0.339	0.349	0.347	0.356	5.27
31) Naphthalene		1.062	0.980	1.013	1.107	0.995	1.041	1.011	1.030	4.26
32) Benzoic acid			0.149	0.198	0.230	0.240	0.239	0.243	0.216	17.02
33) 4-Chloroaniline		0.392	0.398	0.373	0.417	0.388	0.406	0.392	0.395	3.53
34) C Hexachlorobuta...		0.331	0.289	0.308	0.316	0.296	0.300	0.291	0.304	4.94
35) Caprolactam			0.108	0.120	0.115	0.111	0.110	0.107	0.112	4.36
36) C 4-Chloro-3-met...		0.395	0.381	0.392	0.418	0.390	0.405	0.395	0.397	3.01
37) 2-Methylnaphth...		0.783	0.771	0.790	0.843	0.778	0.799	0.770	0.791	3.18
38) 1-Methylnaphth...		0.837	0.782	0.782	0.825	0.750	0.784	0.758	0.788	4.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG100225.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.622	0.604	0.622	0.708	0.640	0.678	0.646	0.646	5.60	
41) P	Hexachlorocycl...	0.279	0.296	0.363	0.356	0.378	0.356	0.338		11.95	
42) S	2,4,6-Tribromo...	0.364	0.352	0.367	0.381	0.364	0.361	0.349	0.363	2.89	
43) C	2,4,6-Trichlor...	0.391	0.390	0.396	0.445	0.416	0.436	0.414	0.413	5.30	
44)	2,4,5-Trichlor...	0.451	0.452	0.430	0.486	0.465	0.473	0.470	0.461	3.93	
45) S	2-Fluorobiphenyl	1.355	1.338	1.346	1.434	1.325	1.389	1.310	1.357	3.11	
46)	1,1'-Biphenyl	1.439	1.388	1.417	1.521	1.434	1.484	1.387	1.438	3.42	
47)	2-Chloronaphth...	1.006	1.104	1.046	1.153	1.056	1.106	1.046	1.074	4.61	
48)	2-Nitroaniline	0.301	0.362	0.371	0.397	0.386	0.385	0.365	0.367	8.60	
49)	Acenaphthylene	1.591	1.534	1.573	1.704	1.574	1.638	1.546	1.594	3.68	
50)	Dimethylphthalate	1.564	1.584	1.582	1.624	1.531	1.586	1.493	1.566	2.72	
51)	2,6-Dinitrotol...	0.292	0.326	0.335	0.337	0.333	0.345	0.316	0.326	5.43	
52) C	Acenaphthene	1.108	1.099	1.086	1.159	1.106	1.138	1.058	1.108	2.98	
53)	3-Nitroaniline	0.279	0.294	0.300	0.319	0.315	0.303	0.296	0.301	4.50	
54) P	2,4-Dinitrophenol	0.265	0.270	0.207	0.228	0.229	0.220	0.237		10.76	
55)	Dibenzofuran	1.837	1.810	1.800	1.909	1.821	1.872	1.753	1.829	2.77	
56) P	4-Nitrophenol	0.192	0.227	0.260	0.256	0.253	0.232	0.237		10.85	
57)	2,4-Dinitrotol...	0.481	0.499	0.488	0.527	0.513	0.506	0.477	0.499	3.60	
58)	Fluorene	1.518	1.511	1.535	1.601	1.488	1.532	1.458	1.520	2.91	
59)	2,3,4,6-Tetrac...	0.438	0.447	0.475	0.505	0.475	0.494	0.457	0.470	5.16	
60)	Diethylphthalate	1.747	1.692	1.679	1.730	1.675	1.663	1.578	1.680	3.25	
61)	4-Chlorophenyl...	0.866	0.809	0.839	0.868	0.817	0.819	0.794	0.830	3.42	
62)	4-Nitroaniline	0.229	0.296	0.331	0.334	0.345	0.340	0.320	0.314	12.96	
63)	Azobenzene	1.339	1.299	1.325	1.346	1.295	1.289	1.216	1.301	3.37	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.125	0.139	0.145	0.138	0.145	0.144	0.139		5.58	
66) c	n-Nitrosodiphe...	0.540	0.519	0.534	0.569	0.508	0.541	0.529	0.534	3.62	
67)	4-Bromophenyl-...	0.235	0.229	0.227	0.253	0.224	0.237	0.241	0.235	4.21	
68)	Hexachlorobenzene	0.256	0.261	0.272	0.288	0.260	0.280	0.270	0.269	4.36	
69)	Atrazine	0.237	0.240	0.247	0.250	0.232	0.239	0.219	0.238	4.26	
70) C	Pentachlorophenol	0.118	0.146	0.169	0.166	0.170	0.175	0.157		13.66	
71)	Phenanthrene	1.072	1.022	1.055	1.111	1.002	1.050	1.010	1.046	3.65	
72)	Anthracene	1.045	1.028	1.044	1.130	1.001	1.068	1.029	1.049	3.93	
73)	Carbazole	0.883	0.895	0.904	0.987	0.877	0.921	0.880	0.907	4.24	
74)	Di-n-butylphth...	1.096	1.079	1.105	1.189	1.076	1.131	1.076	1.107	3.71	
75) C	Fluoranthene	1.269	1.226	1.272	1.330	1.192	1.253	1.204	1.250	3.77	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.393	0.424	0.649	0.540	0.621	0.359	0.498		24.67	
78)	Pyrene	1.295	1.329	1.316	1.392	1.242	1.281	1.230	1.298	4.24	
79) S	Terphenyl-d14	1.067	1.061	1.069	1.123	1.030	1.044	1.003	1.057	3.55	
80)	Butylbenzylpht...	0.437	0.438	0.464	0.497	0.447	0.479	0.458	0.460	4.78	
81)	Benzo(a)anthra...	1.280	1.239	1.285	1.353	1.238	1.291	1.253	1.277	3.15	
82)	3,3'-Dichlorob...	0.418	0.431	0.458	0.423	0.443	0.420	0.432		3.58	
83)	Chrysene	1.226	1.200	1.195	1.297	1.173	1.210	1.178	1.211	3.48	
84)	Bis(2-ethylhex...	0.605	0.637	0.640	0.692	0.641	0.670	0.658	0.649	4.26	
85) c	Di-n-octyl pht...	1.055	1.050	1.153	1.073	1.125	1.089	1.091		3.74	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.368	1.320	1.378	1.493	1.387	1.431	1.368	1.392	3.98
88)	Benzo(b)fluora...	1.077	1.084	1.171	1.212	1.142	1.169	1.109	1.138	4.40
89)	Benzo(k)fluora...	1.139	1.082	1.145	1.233	1.123	1.156	1.142	1.146	3.97
90) C	Benzo(a)pyrene	1.017	0.999	1.059	1.122	1.031	1.075	1.037	1.049	3.91
91)	Dibenzo(a,h)an...	1.047	1.053	1.121	1.190	1.115	1.151	1.116	1.113	4.55
92)	Benzo(g,h,i)pe...	1.059	1.053	1.088	1.153	1.069	1.104	1.048	1.082	3.41

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064473.D
Acq On : 2 Oct 2025 9:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 02 16:52:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

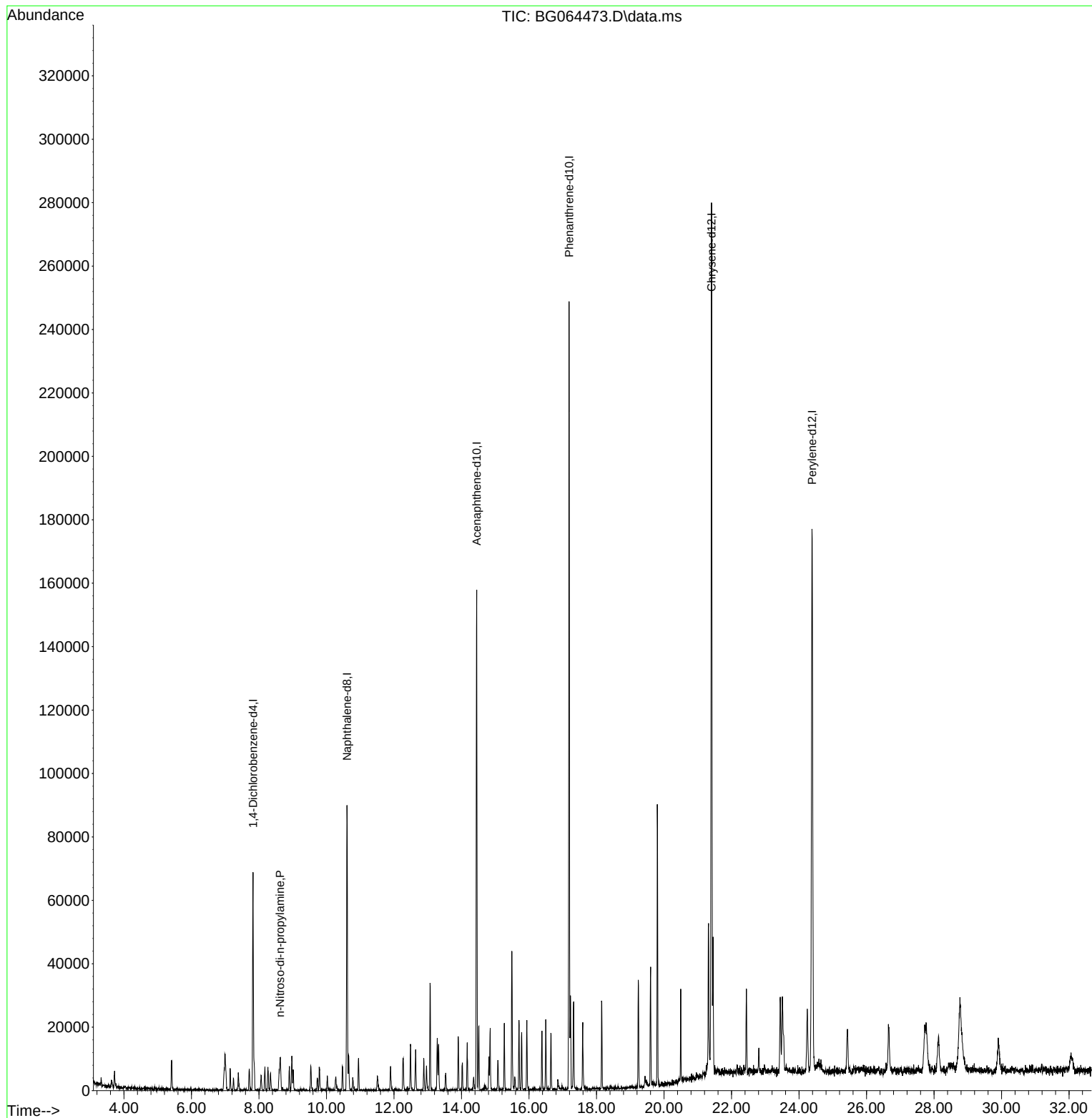
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	17107	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	71471	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	55395	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	147655	20.000	ng	0.00
76) Chrysene-d12	21.407	240	159672	20.000	ng	0.00
86) Perylene-d12	24.386	264	165966	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...	8.622	70	1739	2.093	ng	Qvalue # 83

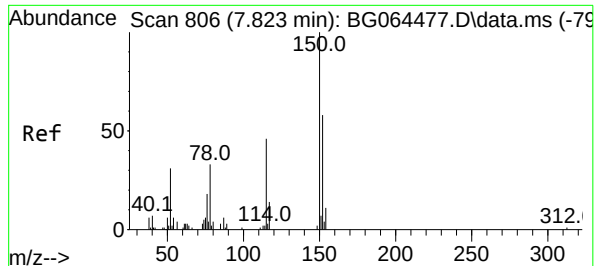
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064473.D
Acq On : 2 Oct 2025 9:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

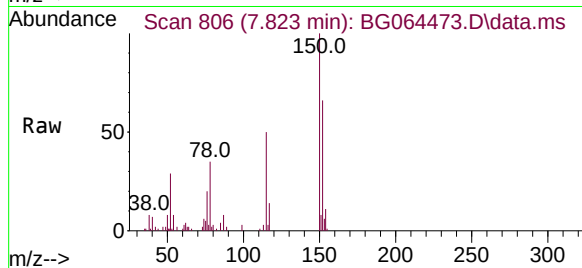
Quant Time: Oct 02 16:52:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



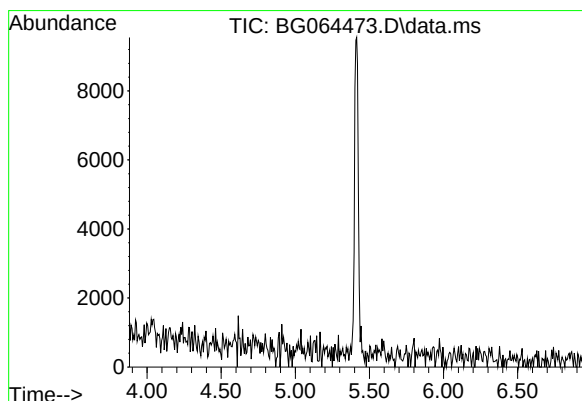
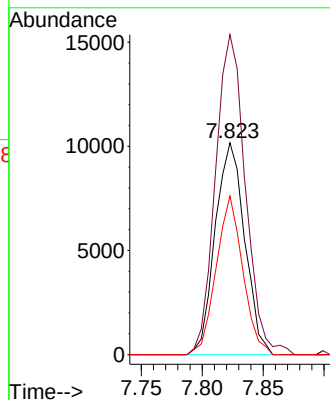
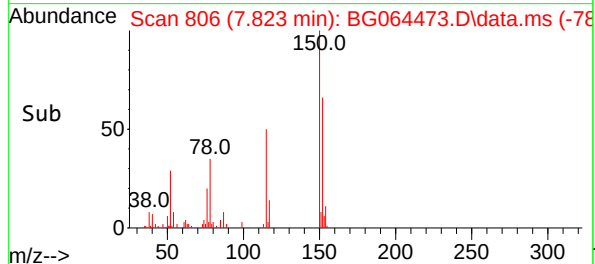


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



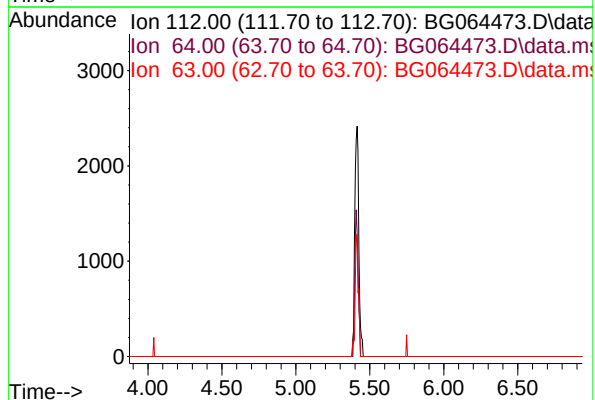
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	138.6	207.8
115	75.0	63.4	95.2



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

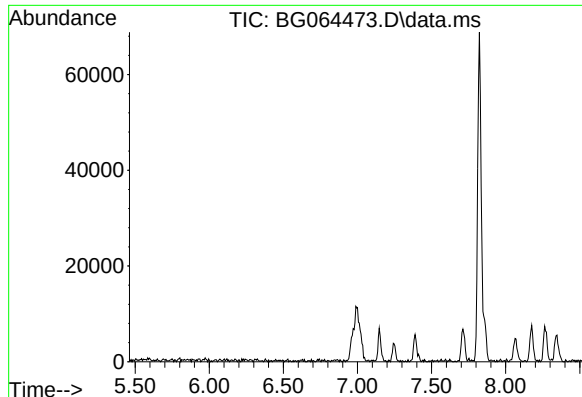
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion	Sig	Exp Ratio
112	100	
64	62.3	
63	39.1	



Ion 64.00 (63.70 to 64.70): BG064473.D\data.ms

Ion 63.00 (62.70 to 63.70): BG064473.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.99 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

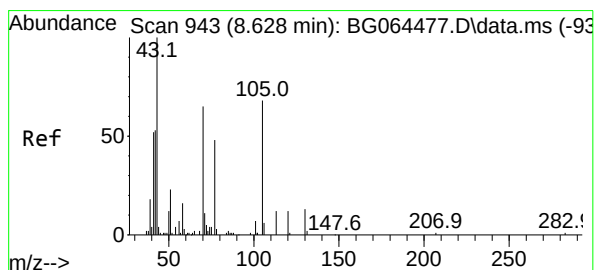
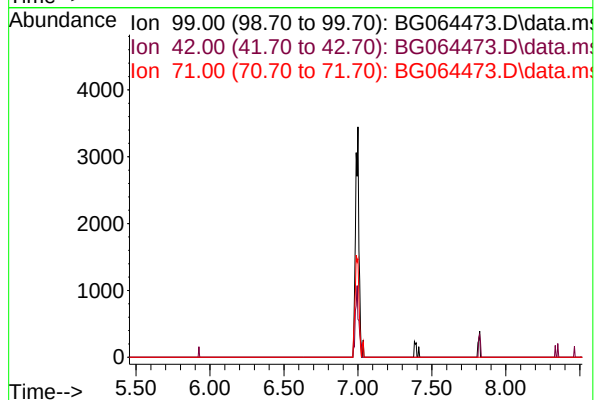
Tgt Ion: 99

Sig Exp Ratio

99 100

42 28.6

71 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.093 ng

RT: 8.622 min Scan# 942

Delta R.T. 0.008 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

Tgt Ion: 70 Resp: 1739

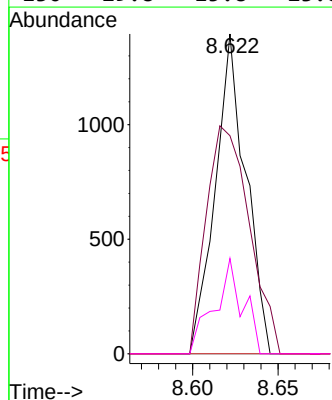
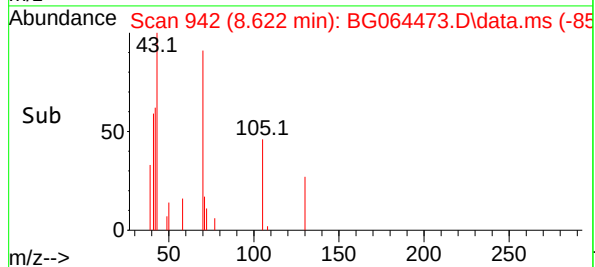
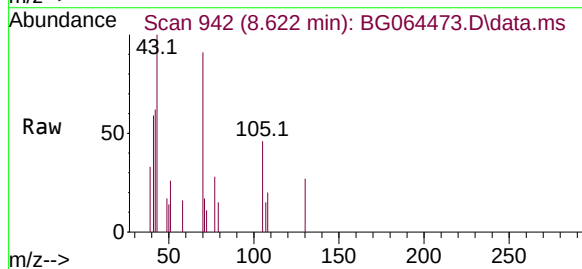
Ion Ratio Lower Upper

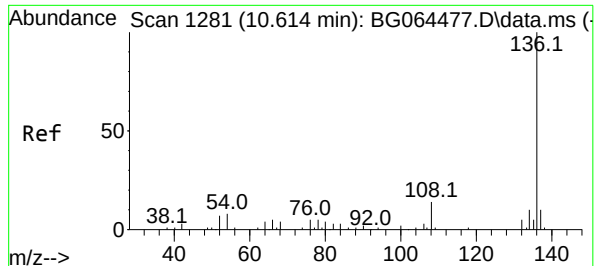
70 100

42 68.2 64.9 97.3

101 0.0 8.7 13.1#

130 29.8 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.608 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG064473.D

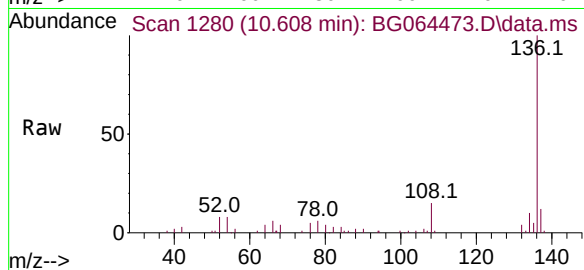
Acq: 2 Oct 2025 9:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 71471

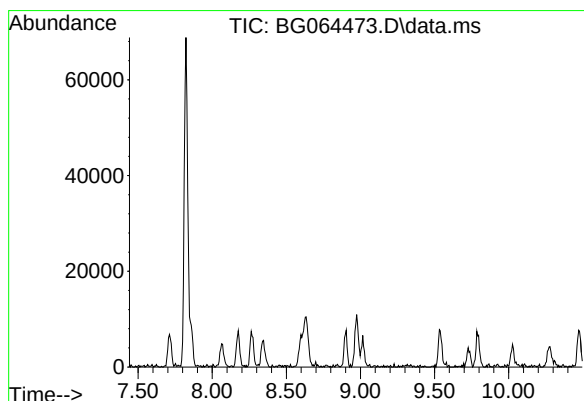
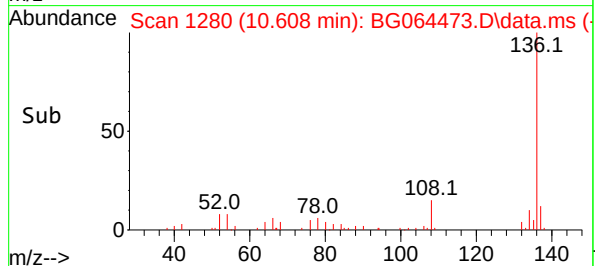
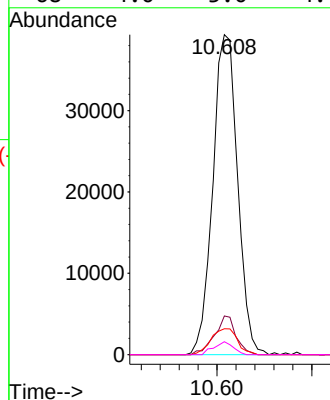
Ion Ratio Lower Upper

136 100

137 12.1 8.3 12.5

54 8.1 6.2 9.4

68 4.0 3.0 4.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.97 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

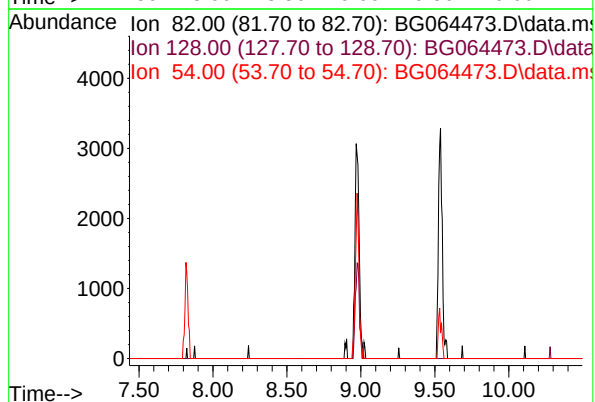
Tgt Ion: 82

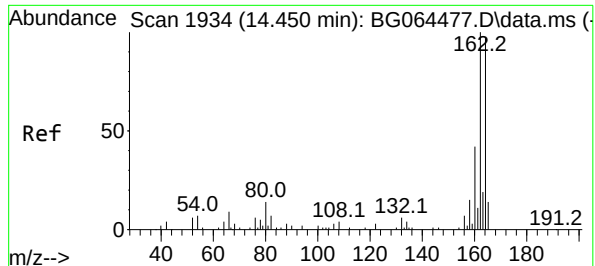
Sig Exp Ratio

82 100

128 41.4

54 69.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.450 min Scan# 19

Delta R.T. 0.002 min

Lab File: BG064473.D

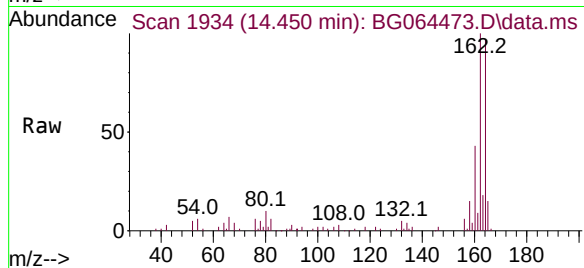
Acq: 2 Oct 2025 9:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



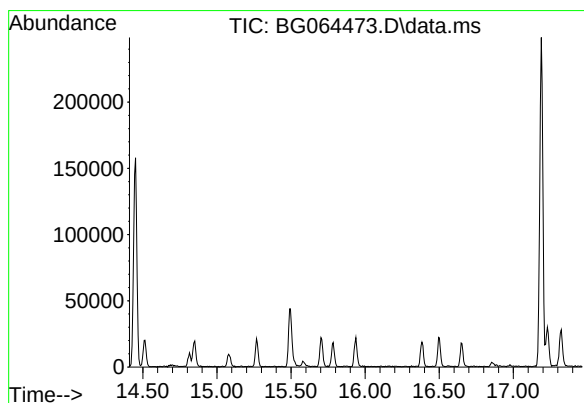
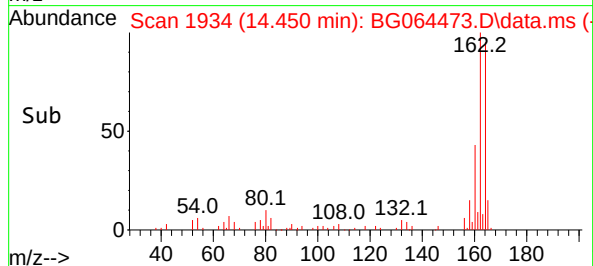
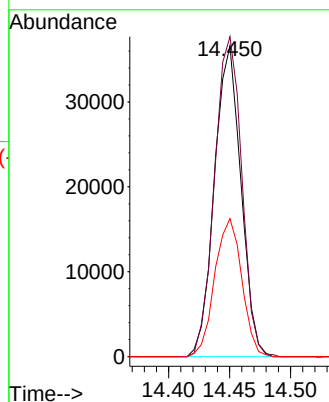
Tgt Ion:164 Resp: 55395

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

160 44.4 34.3 51.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.93 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

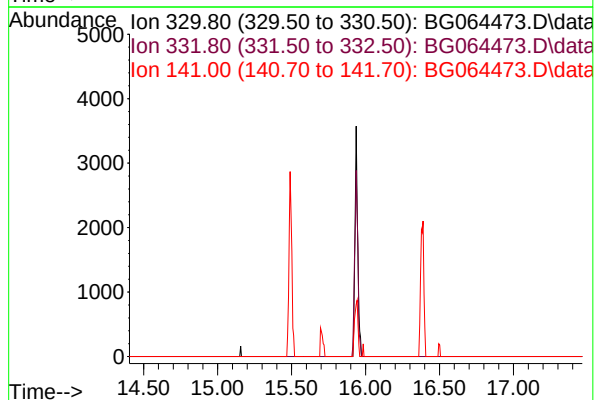
Tgt Ion: 330

Sig Exp Ratio

330 100

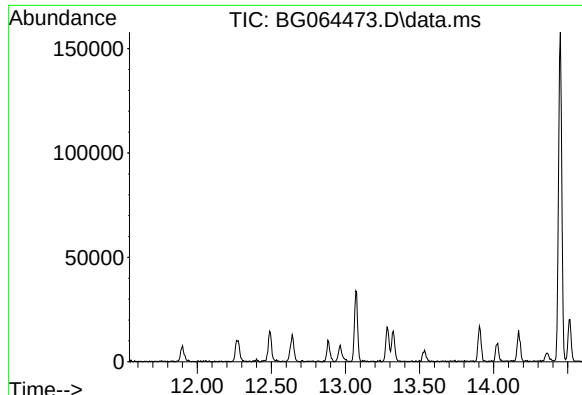
332 96.7

141 32.2



Ion 331.80 (331.50 to 332.50): BG064473.D\data.ms

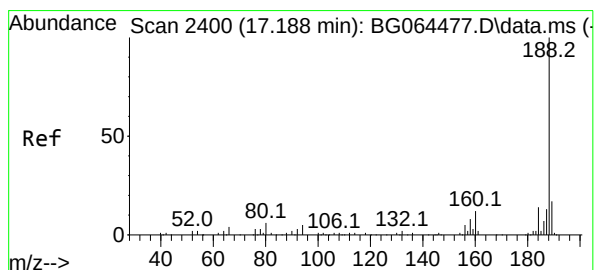
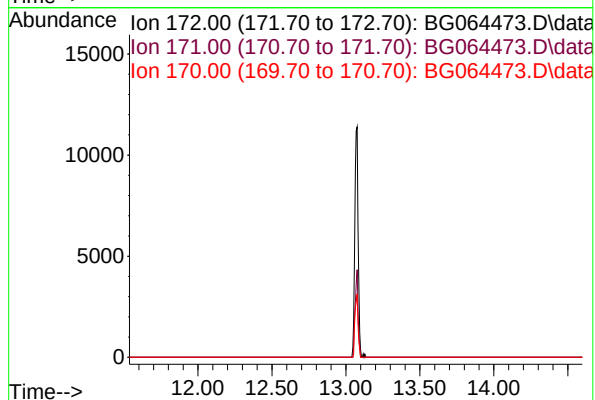
Ion 141.00 (140.70 to 141.70): BG064473.D\data.ms



#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.07 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

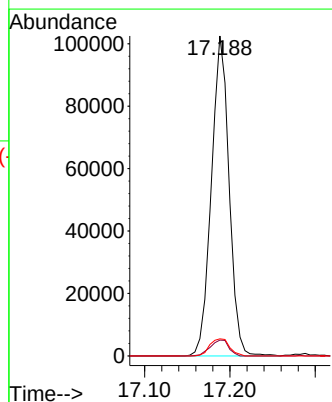
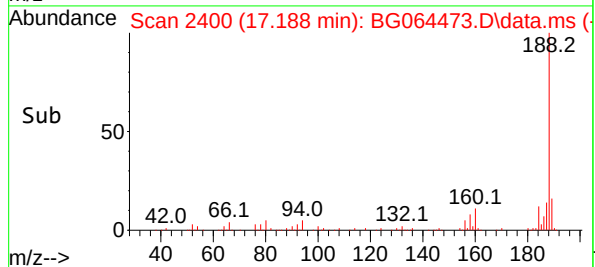
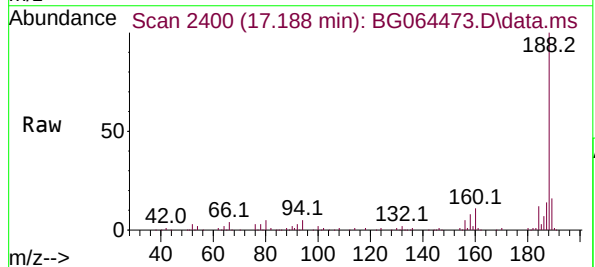
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

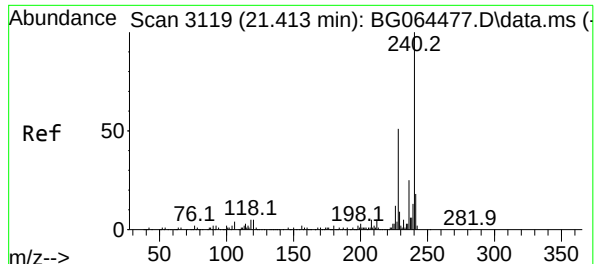
Tgt Ion: 172
Sig Exp Ratio
172 100
171 37.0
170 25.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 188 Resp: 147655
Ion Ratio Lower Upper
188 100
94 4.9 3.7 5.5
80 5.3 4.5 6.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.407 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

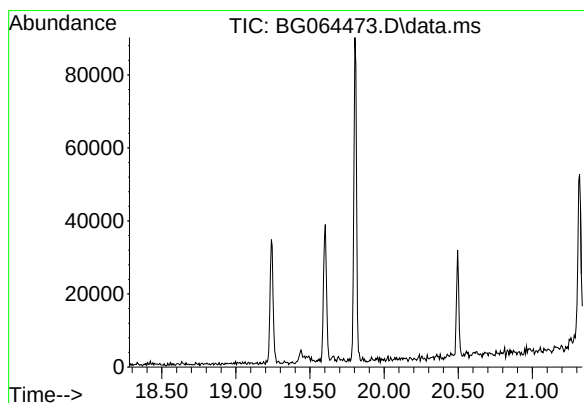
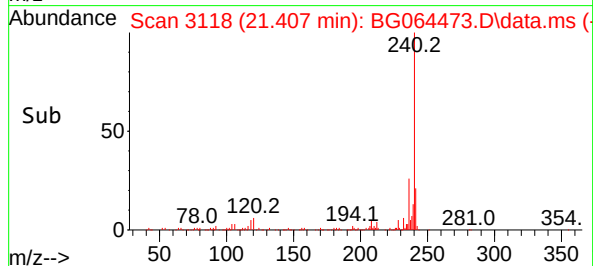
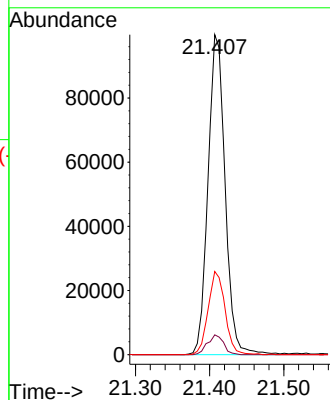
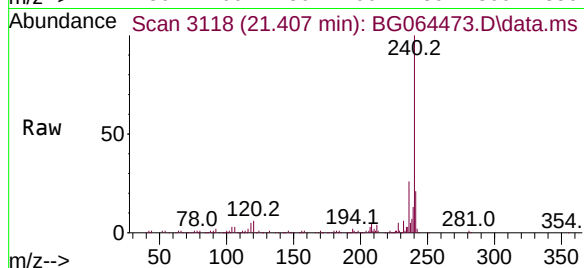
Tgt Ion:240 Resp: 159672

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

236 26.0 20.4 30.6



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.81 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

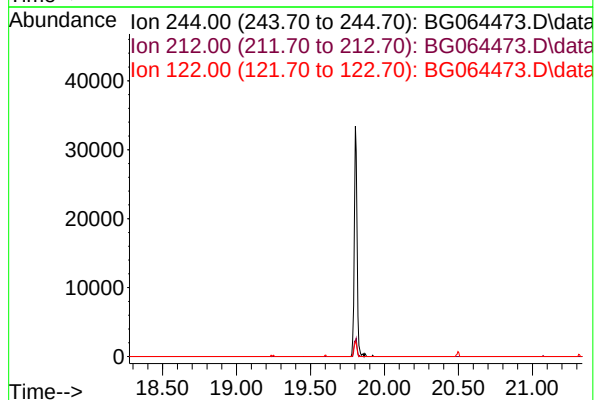
Tgt Ion: 244

Sig Exp Ratio

244 100

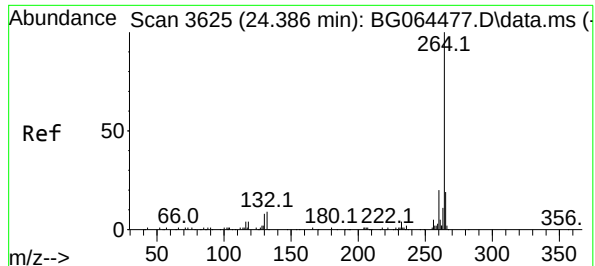
212 8.8

122 7.0



Ion 212.00 (211.70 to 212.70): BG064473.D\data

Ion 122.00 (121.70 to 122.70): BG064473.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG064473.D

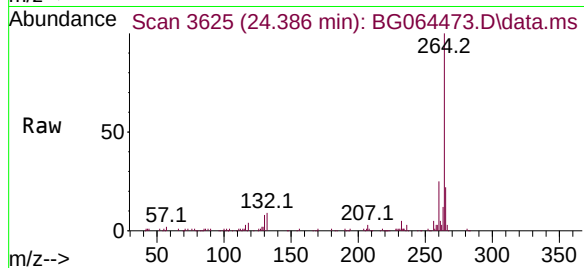
Acq: 2 Oct 2025 9:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



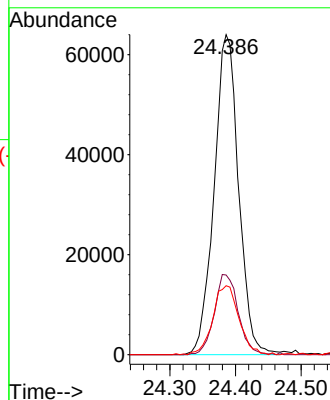
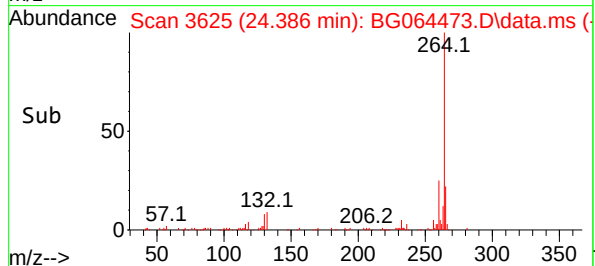
Tgt Ion:264 Resp: 165966

Ion Ratio Lower Upper

264 100

260 24.9 16.2 24.4#

265 21.5 15.0 22.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064474.D
 Acq On : 2 Oct 2025 9:42
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:25 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	17301	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	74573	20.000	ng	# 0.00
39) Acenaphthene-d10	14.450	164	60732	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	155342	20.000	ng	0.00
76) Chrysene-d12	21.407	240	162684	20.000	ng	0.00
86) Perylene-d12	24.380	264	169977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	9220	9.863	ng	0.00
7) Phenol-d6	6.994	99	12069	9.607	ng	0.00
23) Nitrobenzene-d5	8.974	82	13416	9.673	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	11056	10.043	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	41153	9.988	ng	0.00
79) Terphenyl-d14	19.803	244	86764	10.093	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.322	88	2293	6.201	ng	# 92
3) Pyridine	3.716	79	5300	5.333	ng	93
6) Aniline	7.153	93	8273	5.221	ng	90
8) 2-Chlorophenol	7.394	128	6000	5.227	ng	85
10) Phenol	7.024	94	6564	4.953	ng	89
11) bis(2-Chloroethyl)ether	7.241	93	4832	5.384	ng	84
12) 1,3-Dichlorobenzene	7.717	146	6740	5.367	ng	95
13) 1,4-Dichlorobenzene	7.858	146	6514	5.169	ng	90
14) 1,2-Dichlorobenzene	8.169	146	6846	5.512	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	7441	5.144	ng	89
17) 2-Methylphenol	8.263	107	4780	4.981	ng	# 80
18) Hexachloroethane	8.904	117	2534	5.094	ng	87
19) n-Nitroso-di-n-propyla...	8.622	70	4362	5.192	ng	# 84
22) Acetophenone	8.634	105	8878	4.917	ng	# 94
24) Nitrobenzene	9.015	77	7504	5.426	ng	# 96
25) Isophorone	9.538	82	12523	4.984	ng	97
26) 2-Nitrophenol	9.726	139	3668	5.329	ng	97
27) 2,4-Dimethylphenol	9.791	122	5155	4.903	ng	88
28) bis(2-Chloroethoxy)met...	10.026	93	5971	4.662	ng	93
29) 2,4-Dichlorophenol	10.261	162	6029	4.959	ng	# 82
30) 1,2,4-Trichlorobenzene	10.478	180	7136	5.383	ng	90
31) Naphthalene	10.661	128	19808	5.158	ng	# 94
33) 4-Chloroaniline	10.772	127	7309	4.960	ng	96
34) Hexachlorobutadiene	10.948	225	6170	5.435	ng	98
36) 4-Chloro-3-methylphenol	11.894	107	7360	4.978	ng	# 82
37) 2-Methylnaphthalene	12.270	142	14601	4.953	ng	97
38) 1-Methylnaphthalene	12.488	142	15610	5.311	ng	89
40) 1,2,4,5-Tetrachloroben...	12.641	216	9451	4.820	ng	97
43) 2,4,6-Trichlorophenol	12.882	196	5944	4.742	ng	91
44) 2,4,5-Trichlorophenol	12.958	196	6843	4.890	ng	# 96
46) 1,1'-Biphenyl	13.287	154	21854	5.003	ng	88
47) 2-Chloronaphthalene	13.322	162	15278	4.685	ng	95
48) 2-Nitroaniline	13.528	65	4571	4.107	ng	# 93
49) Acenaphthylene	14.168	152	24156	4.990	ng	95
50) Dimethylphthalate	13.904	163	23745	4.992	ng	# 96
51) 2,6-Dinitrotoluene	14.021	165	4429	4.470	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:25 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

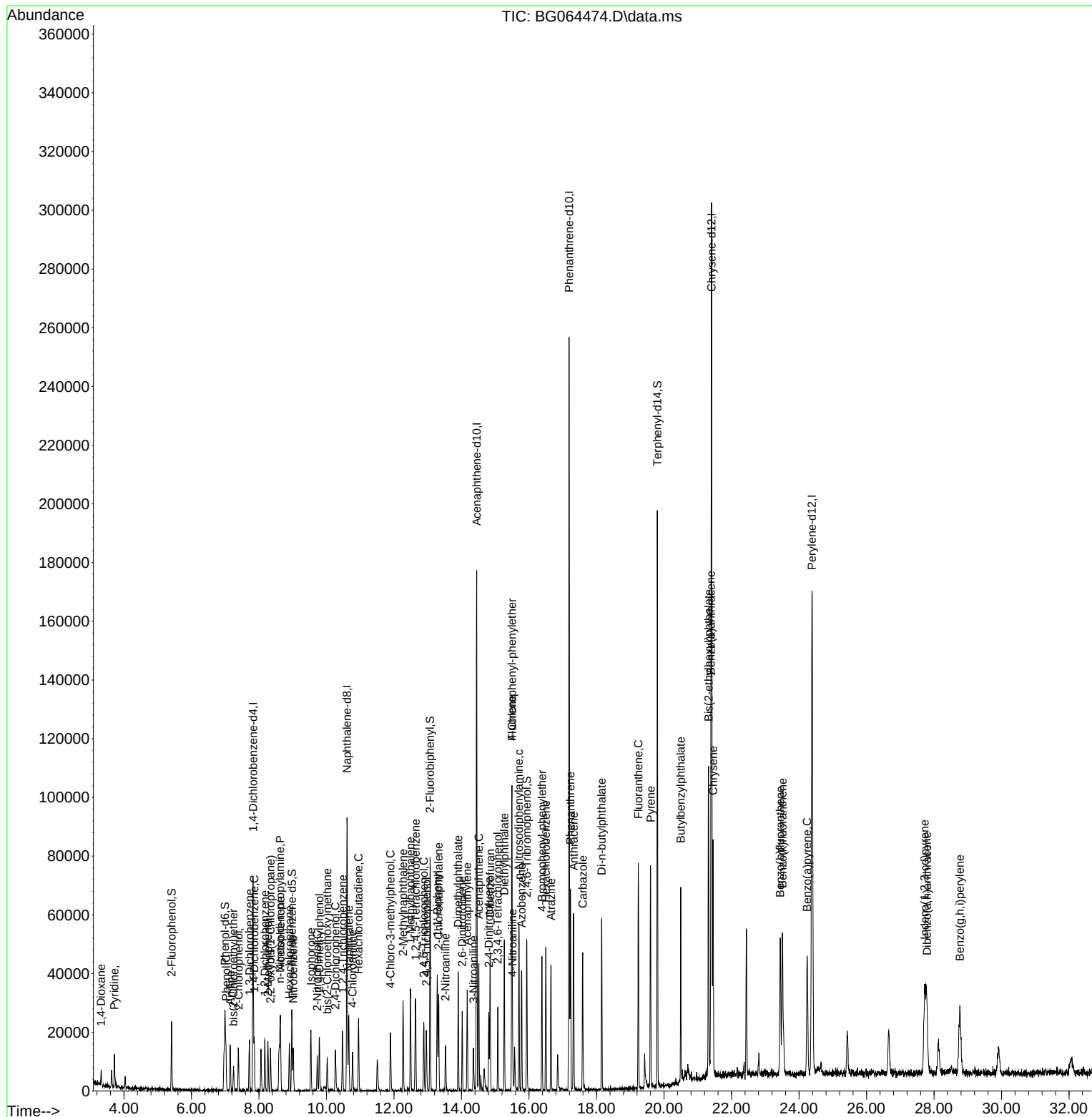
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.515	154	16816	5.000	ng	90
53) 3-Nitroaniline	14.356	138	4231	4.630	ng	83
55) Dibenzofuran	14.850	168	27888	5.022	ng	# 94
57) 2,4-Dinitrotoluene	14.809	165	7310	4.826	ng	# 92
58) Fluorene	15.496	166	23055	4.994	ng	# 92
59) 2,3,4,6-Tetrachlorophenol	15.073	232	6653	4.658	ng	# 96
60) Diethylphthalate	15.267	149	26525	5.198	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	13144	5.215	ng	97
62) 4-Nitroaniline	15.514	138	3481	3.655	ng	# 88
63) Azobenzene	15.778	77	20327	5.144	ng	97
66) n-Nitrosodiphenylamine	15.702	169	20960	5.053	ng	98
67) 4-Bromophenyl-phenylether	16.383	248	9144	5.002	ng	88
68) Hexachlorobenzene	16.501	284	9929	4.747	ng	99
69) Atrazine	16.654	200	9189	4.979	ng	92
71) Phenanthrene	17.229	178	41639	5.126	ng	97
72) Anthracene	17.323	178	40568m	4.978	ng	
73) Carbazole	17.594	167	34305	4.870	ng	97
74) Di-n-butylphthalate	18.152	149	42564	4.950	ng	100
75) Fluoranthene	19.239	202	49301	5.080	ng	98
78) Pyrene	19.603	202	52677	4.989	ng	99
80) Butylbenzylphthalate	20.496	149	17773	4.749	ng	92
81) Benzo(a)anthracene	21.389	228	52066	5.012	ng	94
83) Chrysene	21.454	228	49843	5.060	ng	98
84) Bis(2-ethylhexyl)phtha...	21.319	149	24616	4.662	ng	100
87) Indeno(1,2,3-cd)pyrene	27.723	276	58114	4.912	ng	# 89
88) Benzo(b)fluoranthene	23.440	252	45779m	4.734	ng	
89) Benzo(k)fluoranthene	23.510	252	48402	4.970	ng	99
90) Benzo(a)pyrene	24.239	252	43216	4.849	ng	# 95
91) Dibenzo(a,h)anthracene	27.788	278	44497	4.703	ng	# 96
92) Benzo(g,h,i)perylene	28.769	276	45019	4.896	ng	# 93

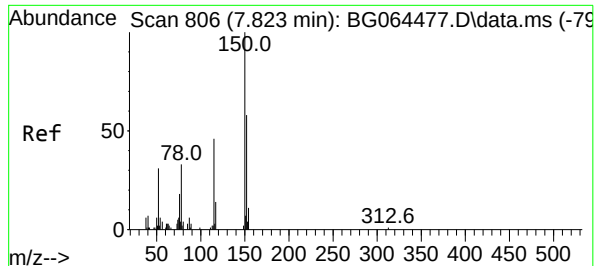
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

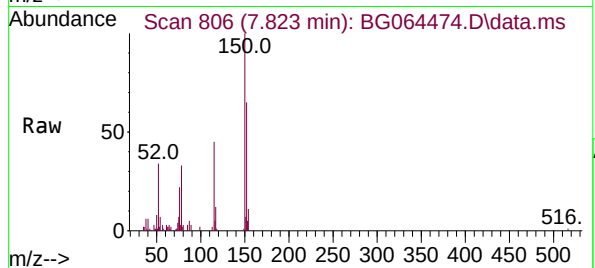
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

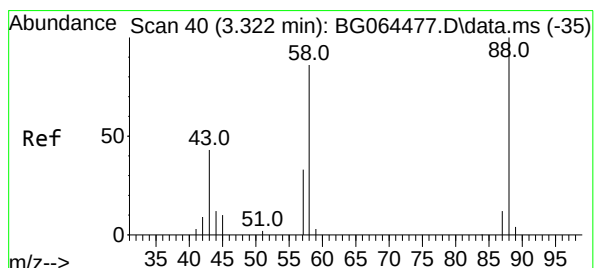
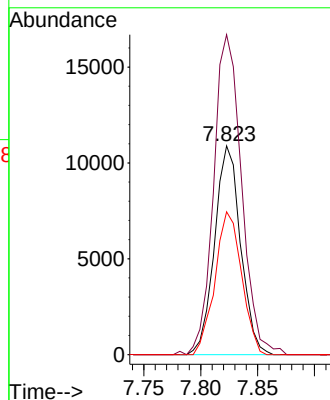
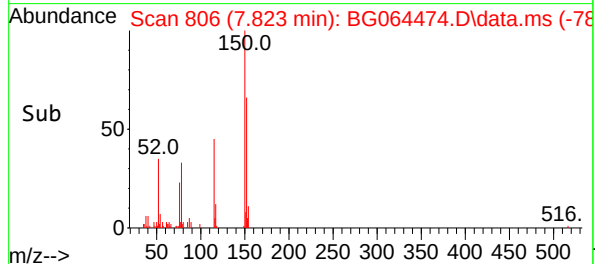
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 1730
Ion Ratio Lower Upper
152 100
150 153.3 138.6 207.8
115 68.4 63.4 95.2

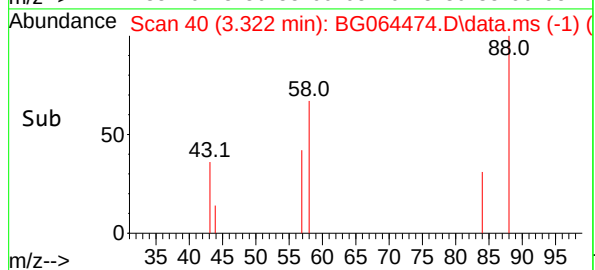
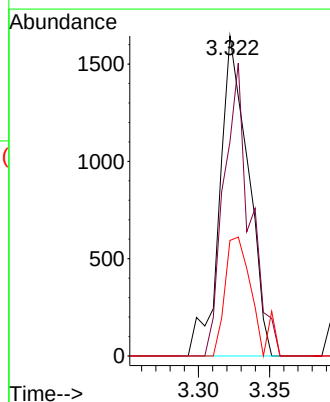
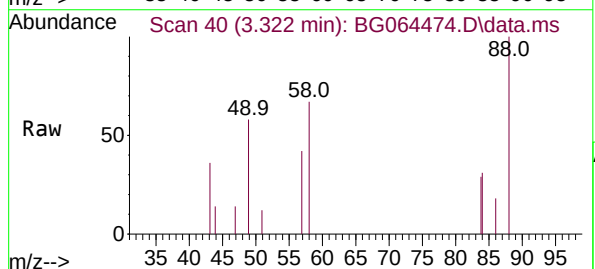
Manual Integrations
APPROVED

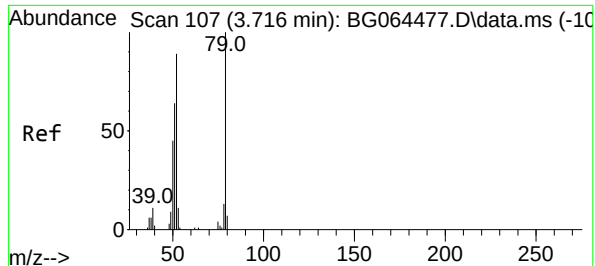
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 6.201 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

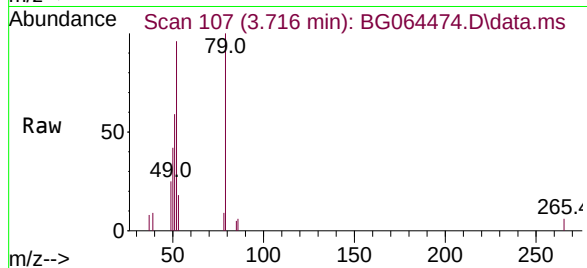
Tgt Ion: 88 Resp: 2293
Ion Ratio Lower Upper
88 100
58 84.0 69.8 104.6
43 35.8 37.4 56.0#





#3
Pyridine
Concen: 5.333 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

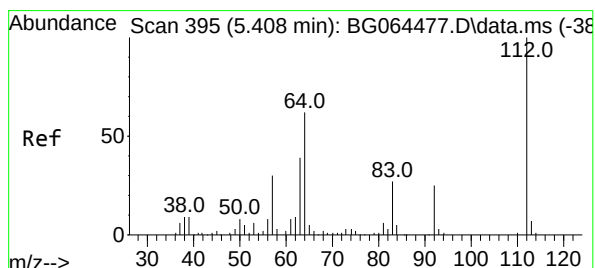
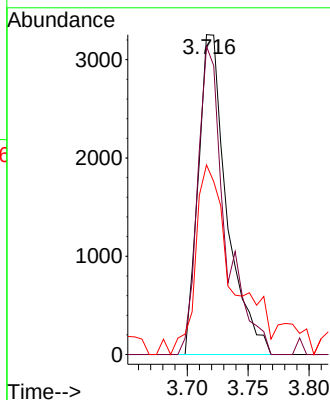
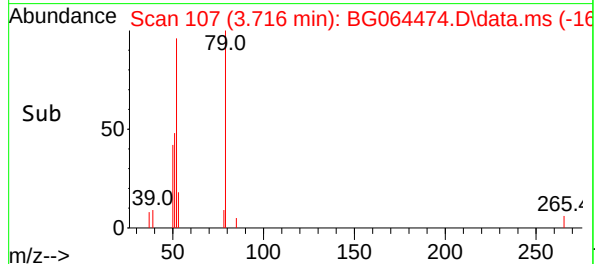
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 5300
Ion Ratio Lower Upper
79 100
52 96.3 71.0 106.4
51 59.3 51.0 76.6

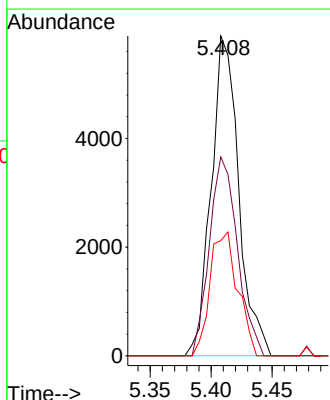
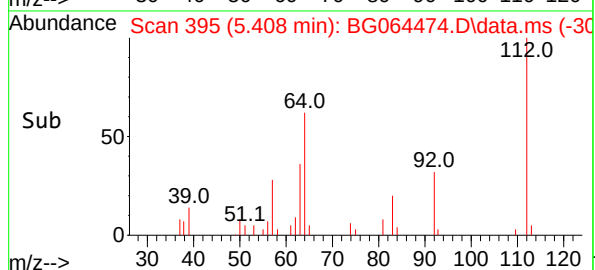
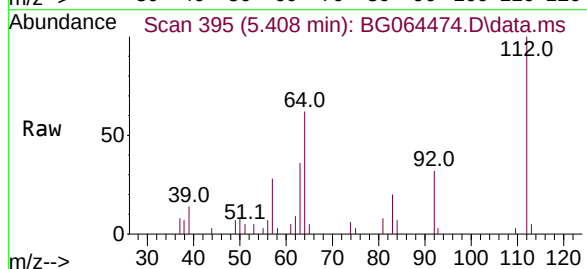
Manual Integrations
APPROVED

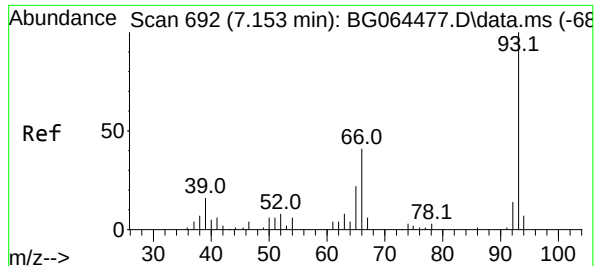
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#5
2-Fluorophenol
Concen: 9.863 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

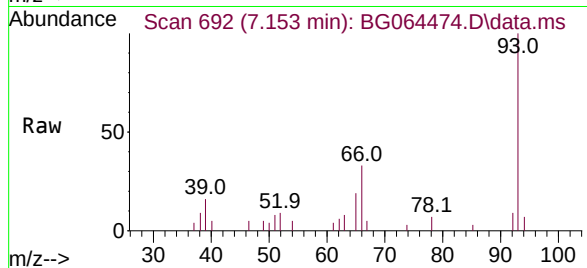
Tgt Ion:112 Resp: 9220
Ion Ratio Lower Upper
112 100
64 62.2 49.8 74.8
63 36.0 31.3 46.9





#6
Aniline
Concen: 5.221 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

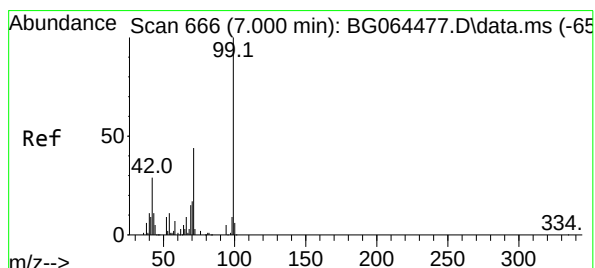
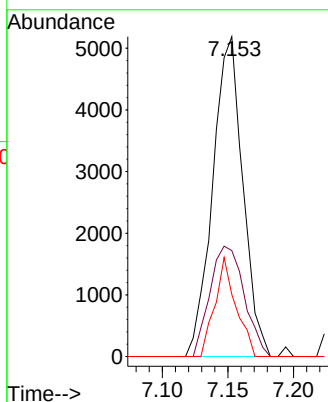
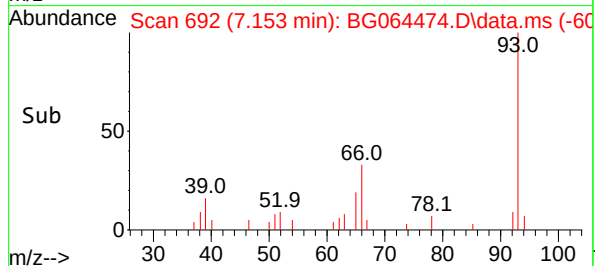
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



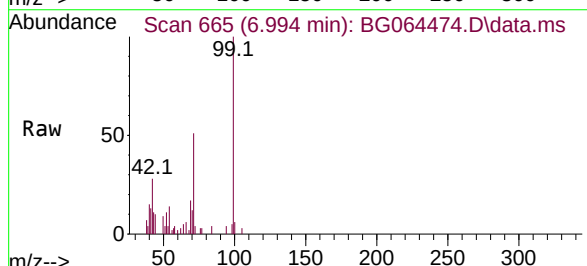
Tgt Ion: 93 Resp: 8273
Ion Ratio Lower Upper
93 100
66 33.1 33.0 49.4
65 19.4 17.5 26.3

Manual Integrations
APPROVED

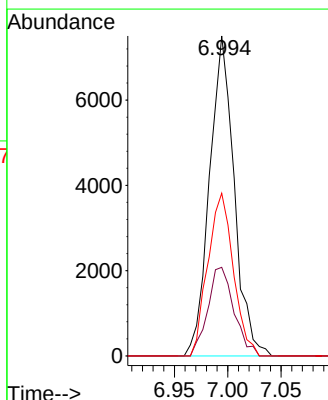
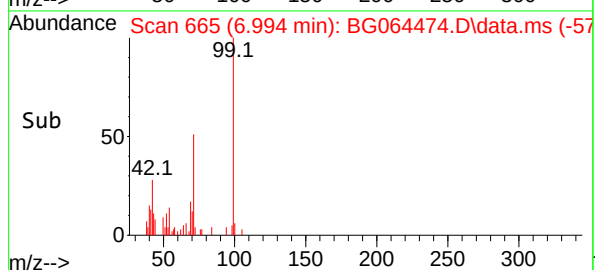
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

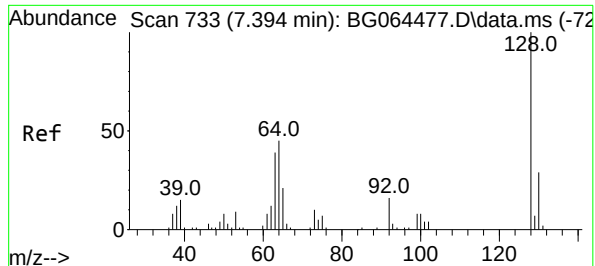


#7
Phenol-d6
Concen: 9.607 ng
RT: 6.994 min Scan# 665
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



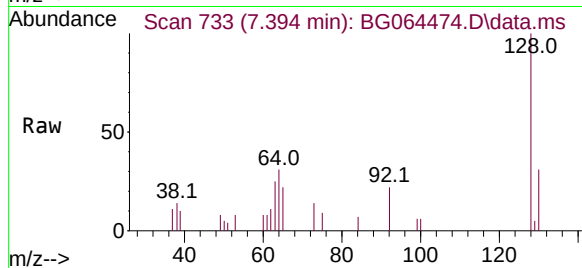
Tgt Ion: 99 Resp: 12069
Ion Ratio Lower Upper
99 100
42 27.7 22.9 34.3
71 50.8 35.4 53.2





#8
2-Chlorophenol
Concen: 5.227 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

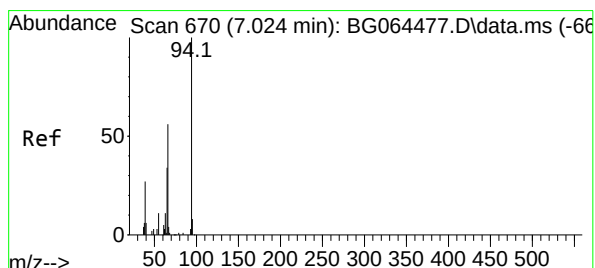
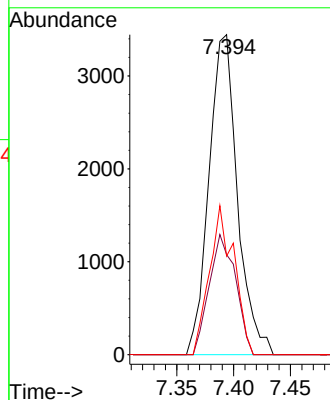
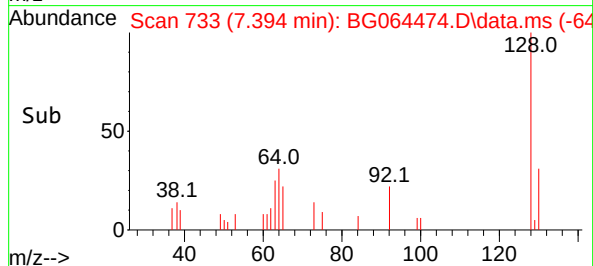
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 6000
Ion Ratio Lower Upper
128 100
130 31.3 9.2 49.2
64 30.8 25.5 65.5

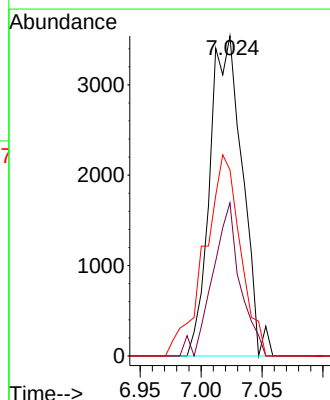
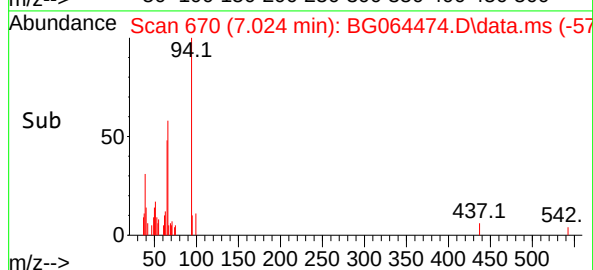
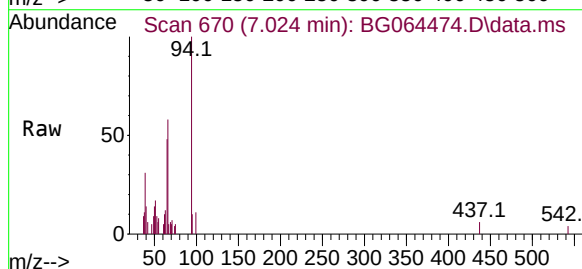
Manual Integrations
APPROVED

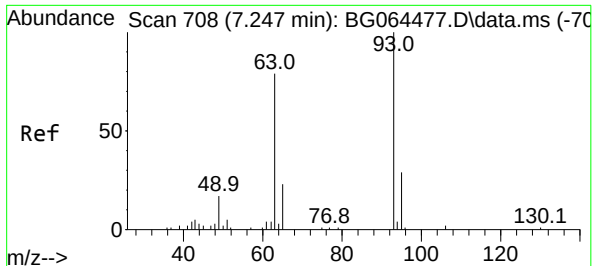
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 4.953 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 94 Resp: 6564
Ion Ratio Lower Upper
94 100
65 47.8 14.8 54.8
66 58.1 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 5.384 ng

RT: 7.241 min Scan# 708

Delta R.T. -0.004 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 4832

Ion Ratio Lower Upper

93 100

63 61.2 59.5 99.5

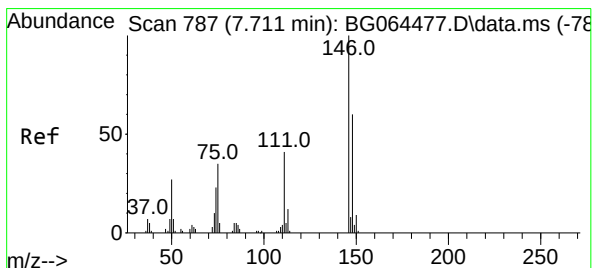
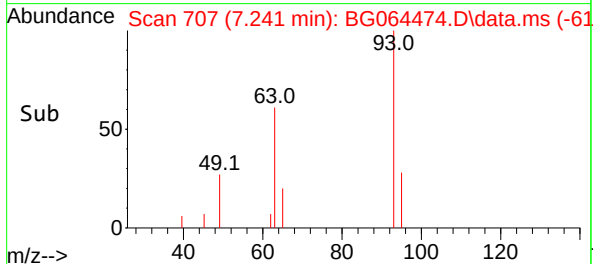
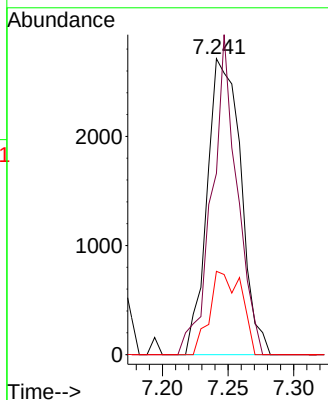
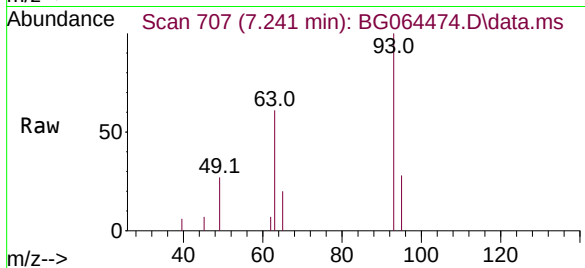
95 28.2 8.8 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 5.367 ng

RT: 7.717 min Scan# 788

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

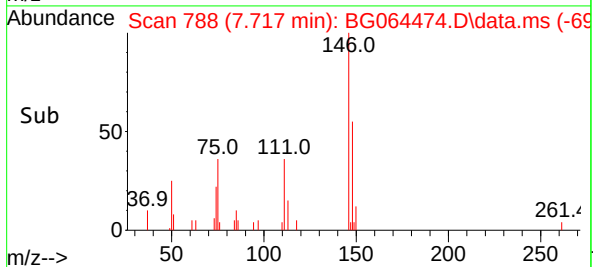
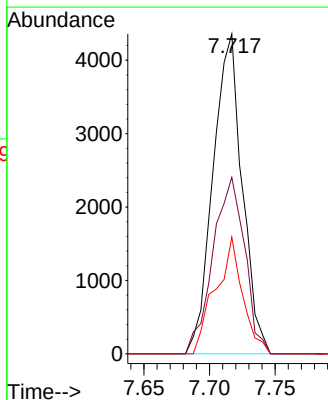
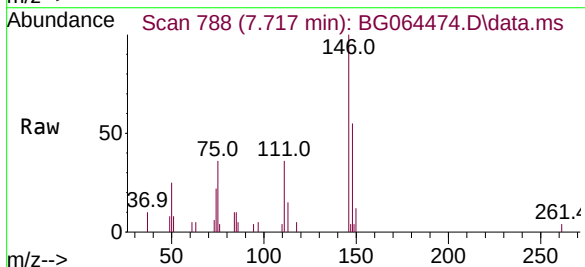
Tgt Ion:146 Resp: 6740

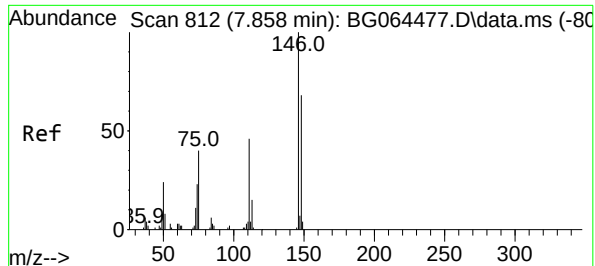
Ion Ratio Lower Upper

146 100

148 55.2 48.4 72.6

75 36.5 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 5.169 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

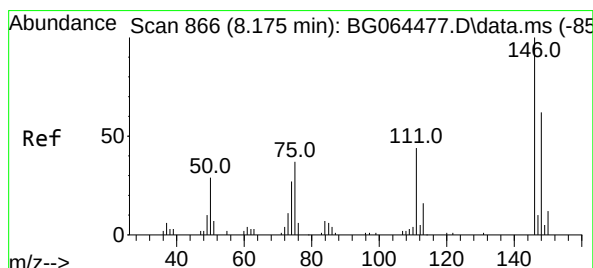
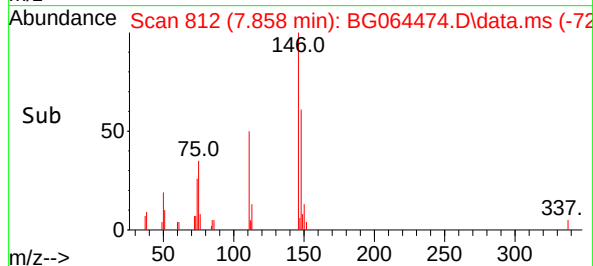
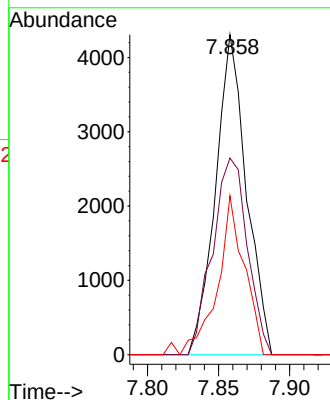
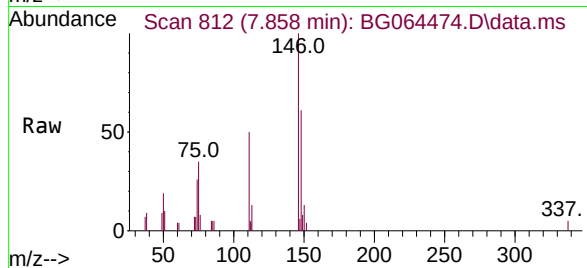
SSTDIC005

Tgt Ion:	146	Resp:	6514
Ion Ratio	Lower	Upper	
146	100		
148	61.4	54.4	81.6
111	54.2	36.5	54.7

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 5.512 ng

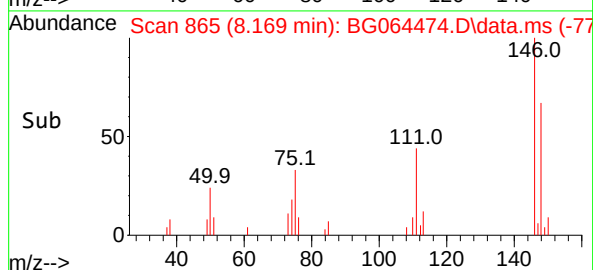
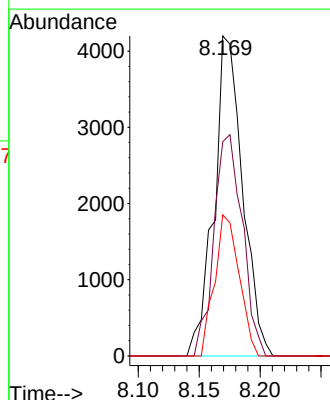
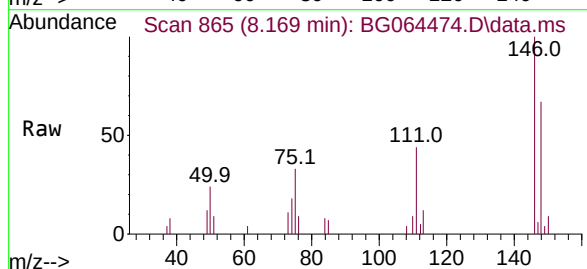
RT: 8.169 min Scan# 865

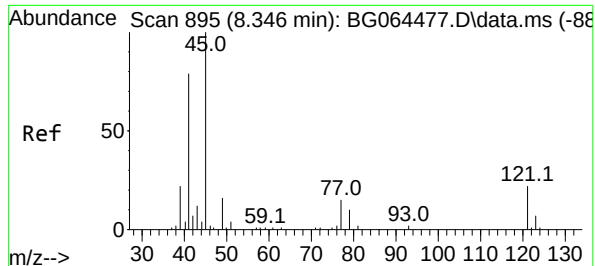
Delta R.T. -0.004 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

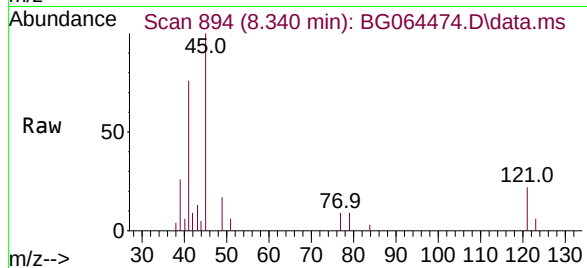
Tgt Ion:	146	Resp:	6846
Ion Ratio	Lower	Upper	
146	100		
148	66.9	50.0	75.0
111	44.1	35.0	52.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.144 ng
RT: 8.340 min Scan# 895
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

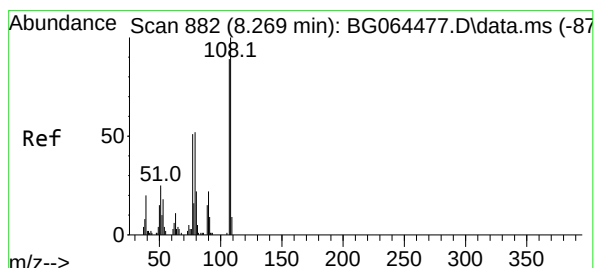
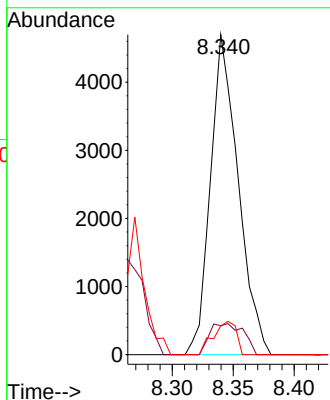
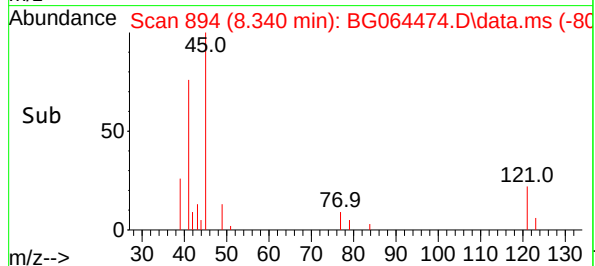
Instrument :
BNA_G
Client Sample Id :
SSTDIC005



Tgt Ion: 45 Resp: 744
Ion Ratio Lower Upper
45 100
77 9.0 0.0 35.6
79 9.0 0.0 30.7

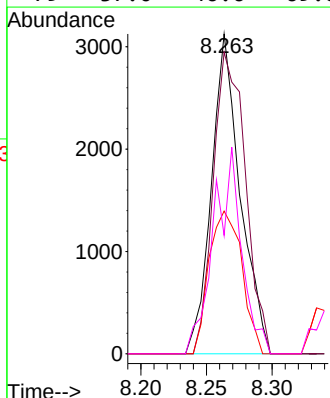
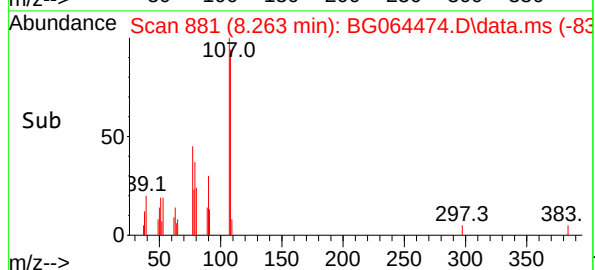
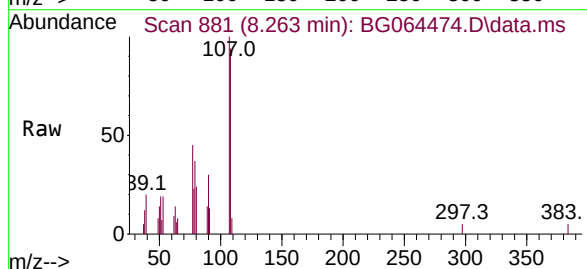
Manual Integrations
APPROVED

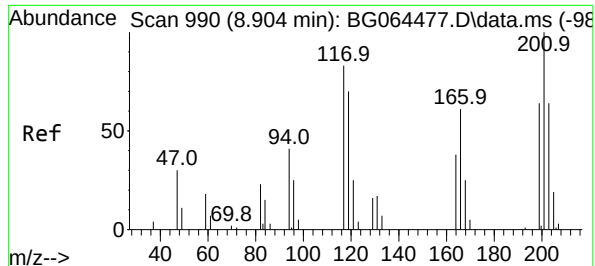
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#17
2-Methylphenol
Concen: 4.981 ng
RT: 8.263 min Scan# 881
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

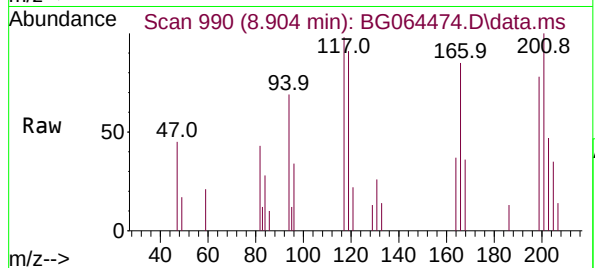
Tgt Ion:107 Resp: 4780
Ion Ratio Lower Upper
107 100
108 94.3 90.3 135.5
77 44.6 46.0 69.0#
79 37.0 46.6 69.8#





#18
Hexachloroethane
Concen: 5.094 ng
RT: 8.904 min Scan# 990
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

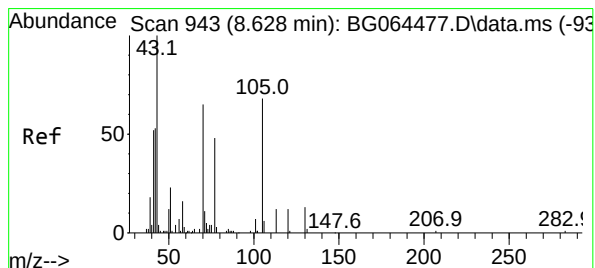
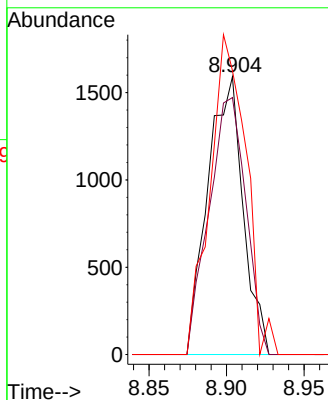
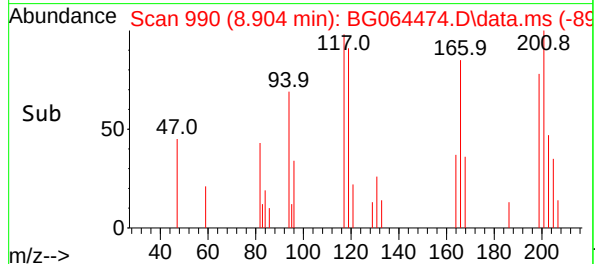
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 2534
Ion Ratio Lower Upper
117 100
119 92.5 67.4 101.0
201 102.2 95.9 143.9

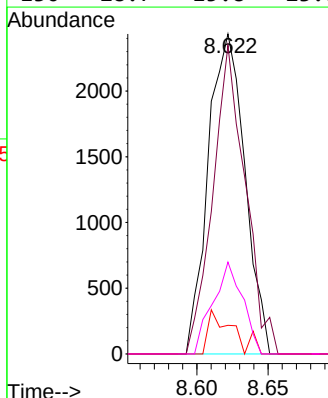
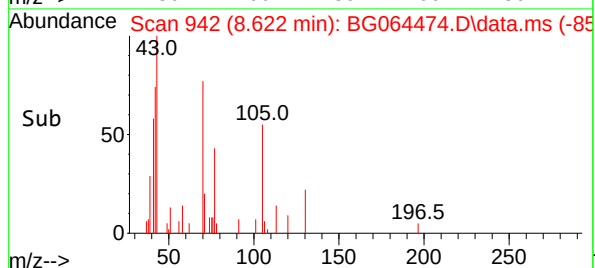
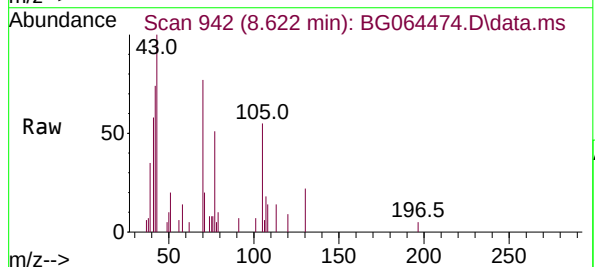
Manual Integrations
APPROVED

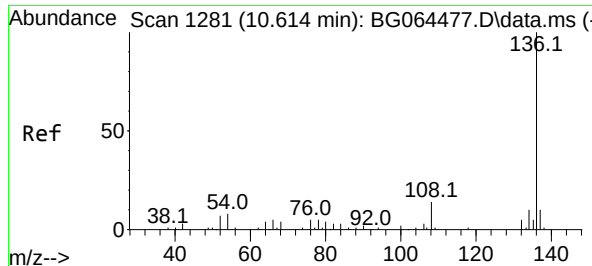
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.192 ng
RT: 8.622 min Scan# 942
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 70 Resp: 4362
Ion Ratio Lower Upper
70 100
42 96.4 64.9 97.3
101 8.9 8.7 13.1
130 28.7 15.8 23.8#





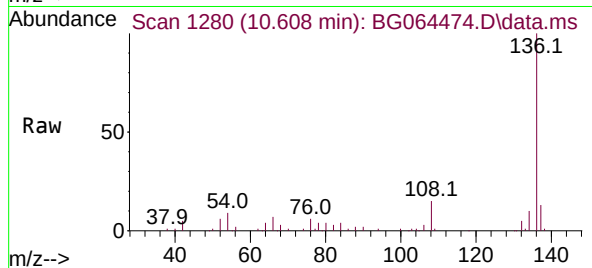
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



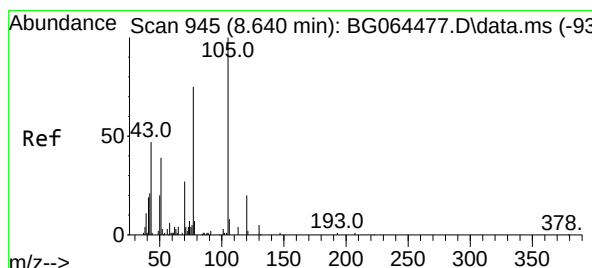
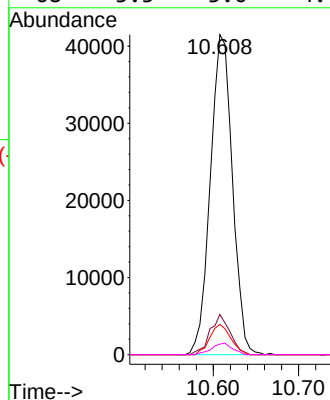
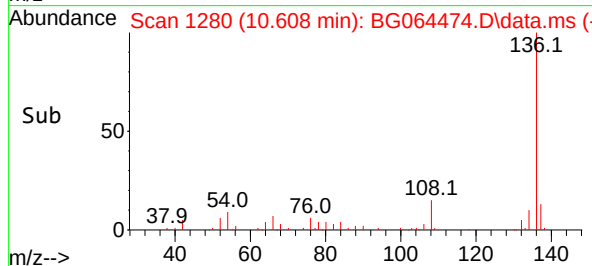
Tgt Ion:136 Resp: 74573
Ion Ratio Lower Upper
136 100
137 12.5 8.3 12.5
54 9.4 6.2 9.4
68 3.3 3.0 4.4

Manual Integrations

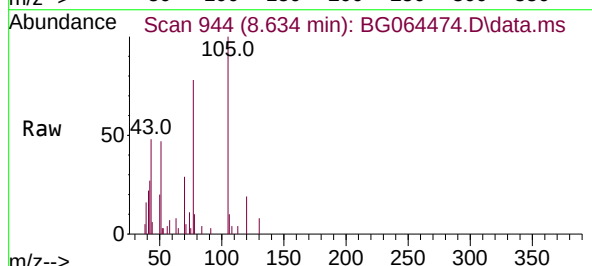
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Reviewed By :Rahul Chavli 10/03/2025

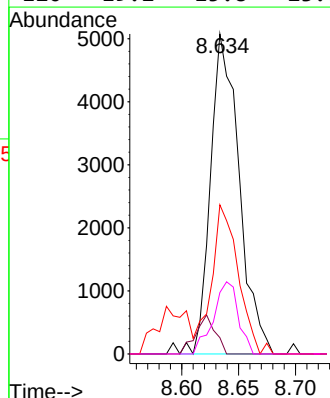
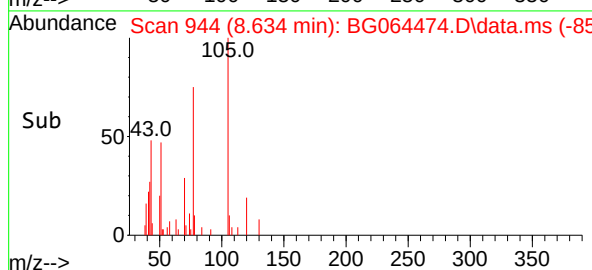
Supervised By :Jagrut Upadhyay 10/03/2025

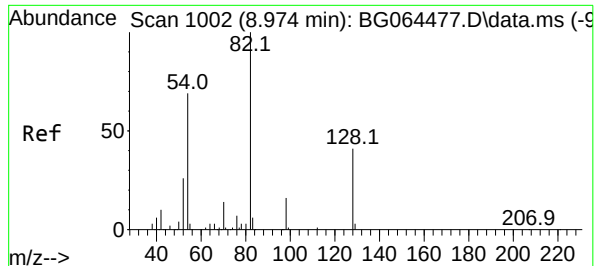


#22
Acetophenone
Concen: 4.917 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



Tgt Ion:105 Resp: 8878
Ion Ratio Lower Upper
105 100
71 5.1 2.8 4.2
51 46.6 33.0 49.4
120 19.2 15.8 23.6





#23

Nitrobenzene-d5

Concen: 9.673 ng

RT: 8.974 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion: 82 Resp: 13416

Ion Ratio Lower Upper

82 100

128 41.1 33.1 49.7

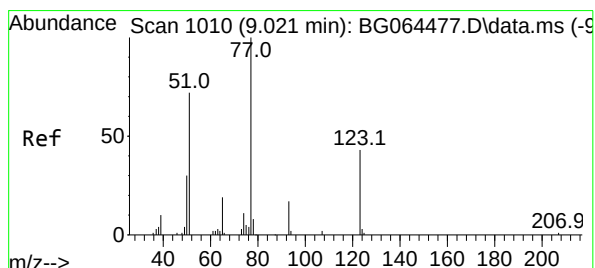
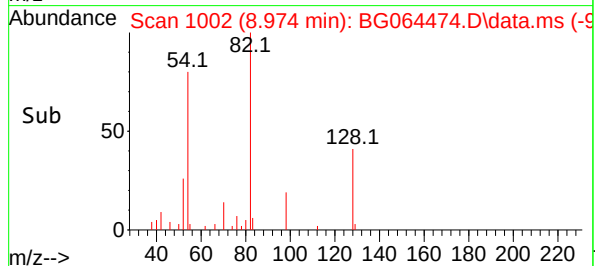
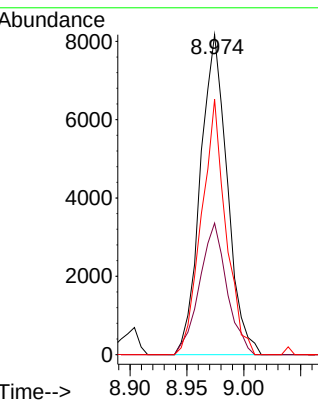
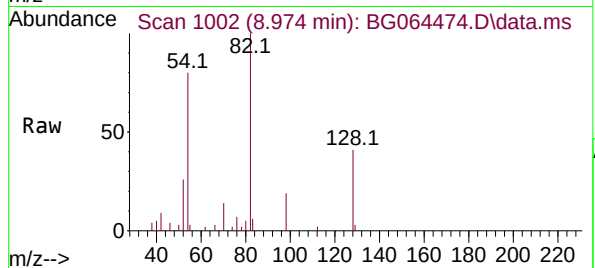
54 79.8 55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 5.426 ng

RT: 9.015 min Scan# 1009

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

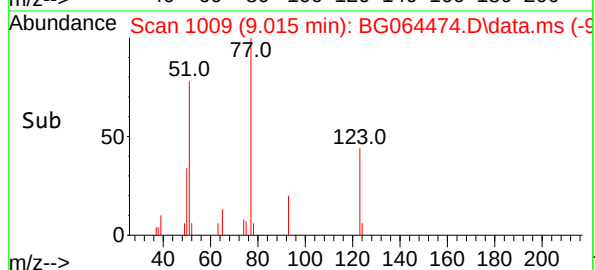
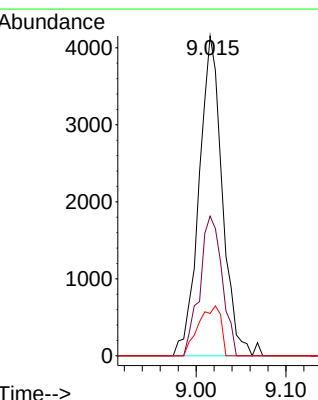
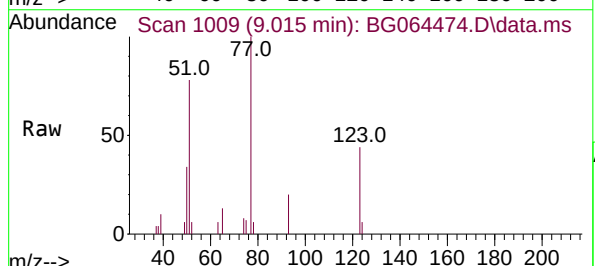
Tgt Ion: 77 Resp: 7504

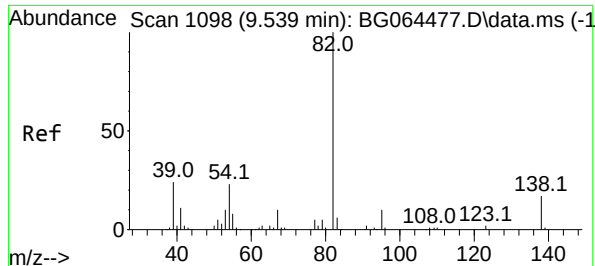
Ion Ratio Lower Upper

77 100

123 43.7 34.4 51.6

65 13.3 14.8 22.2#





#25

Isophorone

Concen: 4.984 ng

RT: 9.538 min Scan# 1098

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

Client SampleId :

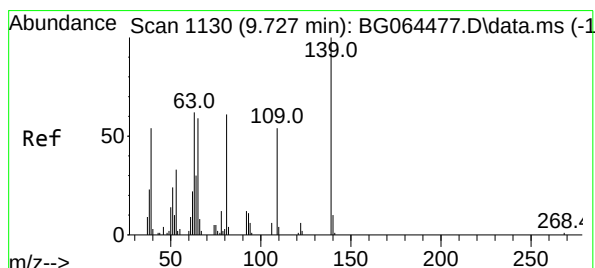
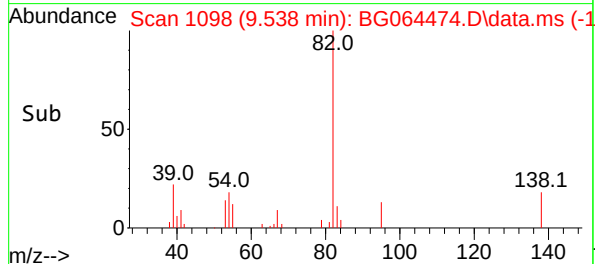
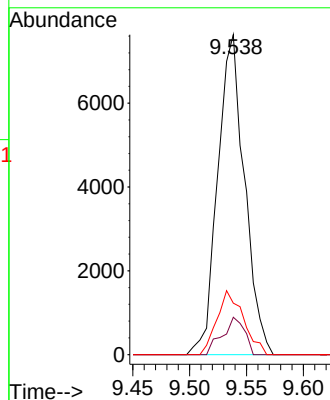
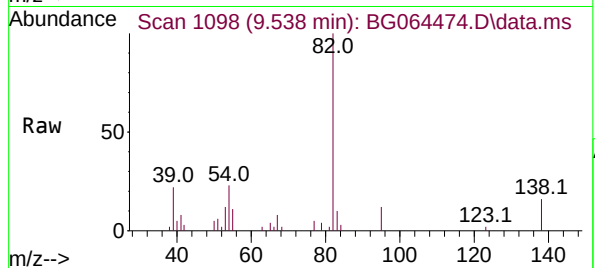
SSTDICC005

Tgt Ion:	82	Resp:	1252
Ion Ratio	Lower	Upper	
82	100		
95	11.7	7.8	11.8
138	16.1	13.8	20.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 5.329 ng

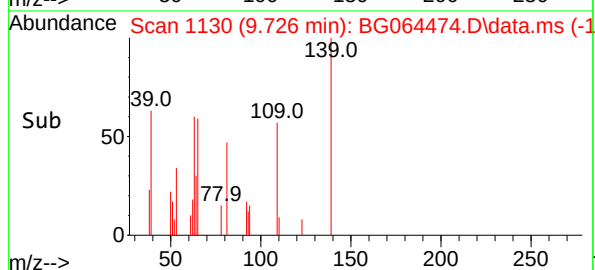
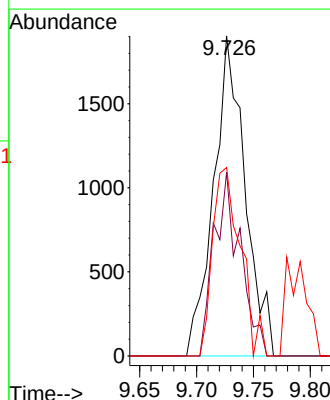
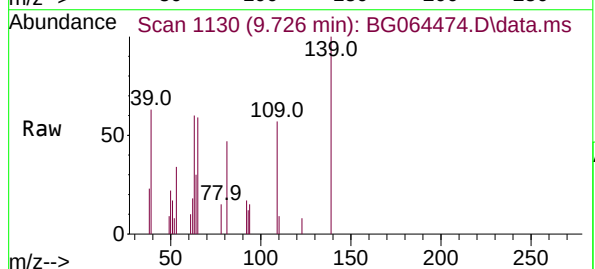
RT: 9.726 min Scan# 1130

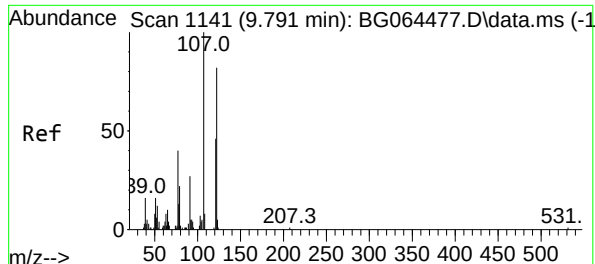
Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Tgt Ion:	139	Resp:	3668
Ion Ratio	Lower	Upper	
139	100		
109	57.4	43.0	64.6
65	58.9	47.4	71.2





#27

2,4-Dimethylphenol

Concen: 4.903 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.008 min

Lab File: BG064474.D

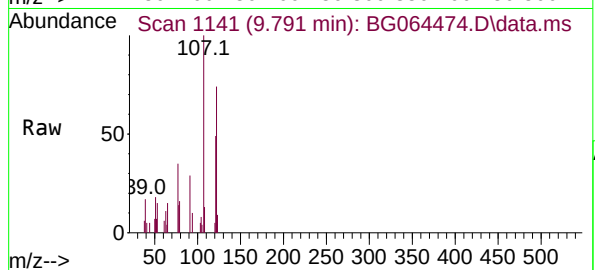
Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDIC005



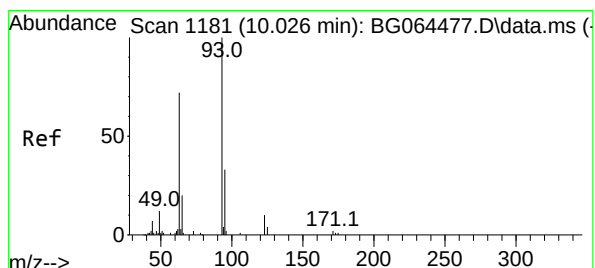
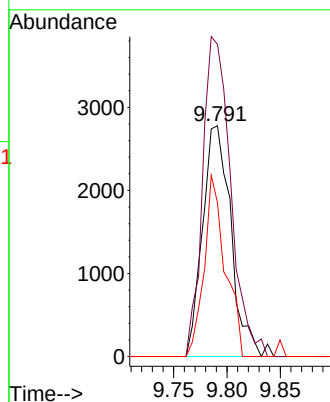
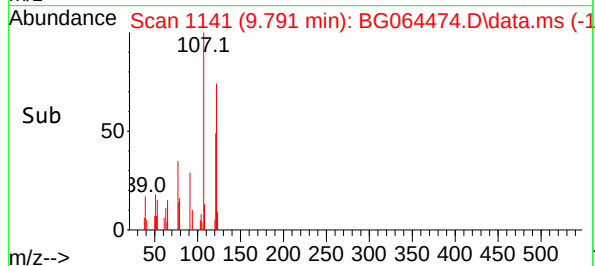
Tgt Ion:	122	Resp:	515
Ion	Ratio	Lower	Upper
122	100		
107	135.4	98.3	147.5
121	66.7	44.7	67.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

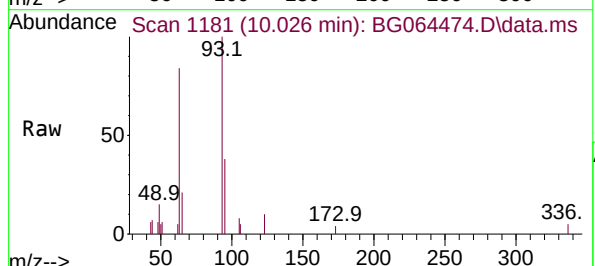
Concen: 4.662 ng

RT: 10.026 min Scan# 1181

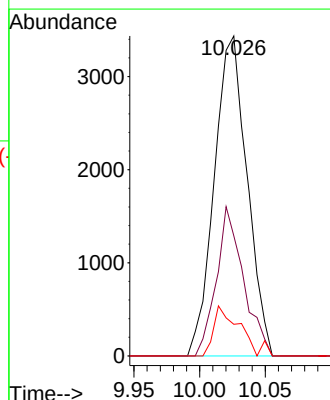
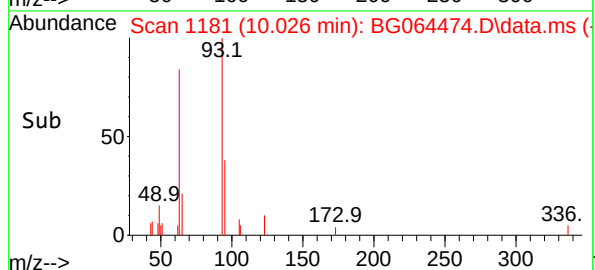
Delta R.T. 0.008 min

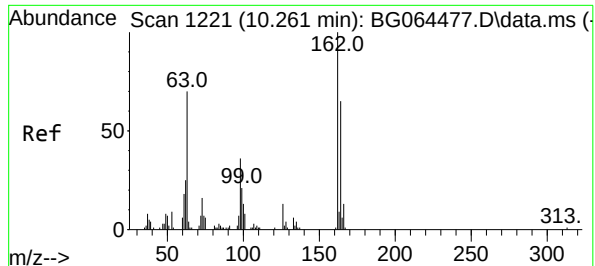
Lab File: BG064474.D

Acq: 2 Oct 2025 9:42



Tgt Ion:	93	Resp:	5971
Ion	Ratio	Lower	Upper
93	100		
95	37.5	26.5	39.7
123	9.9	8.9	13.3





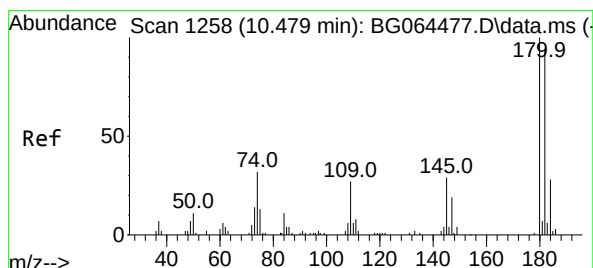
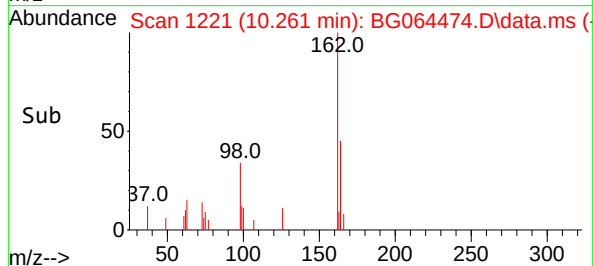
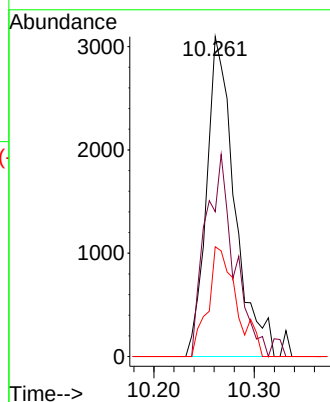
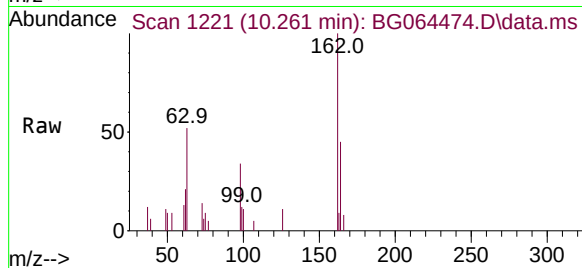
#29
2,4-Dichlorophenol
Concen: 4.959 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 6029
Ion Ratio Lower Upper
162 100
164 45.3 45.4 85.4
98 34.3 16.4 56.4

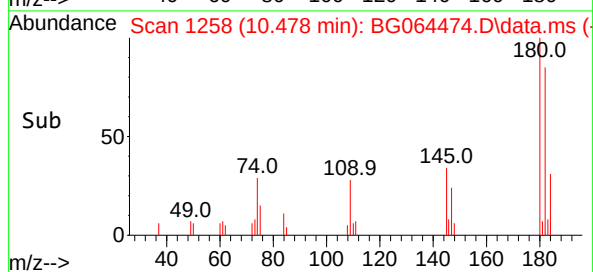
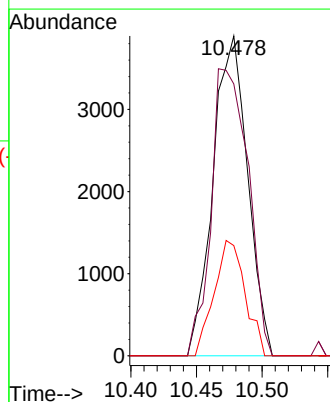
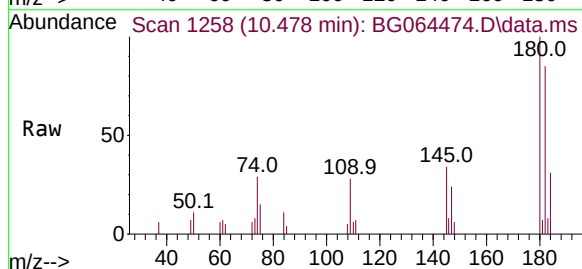
Manual Integrations
APPROVED

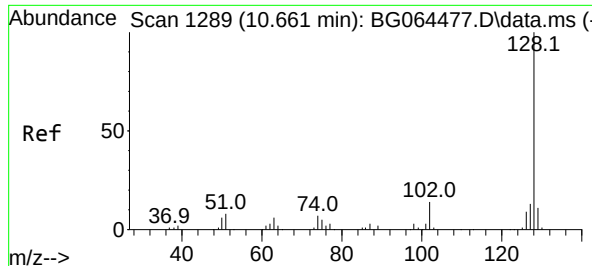
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 5.383 ng
RT: 10.478 min Scan# 1258
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

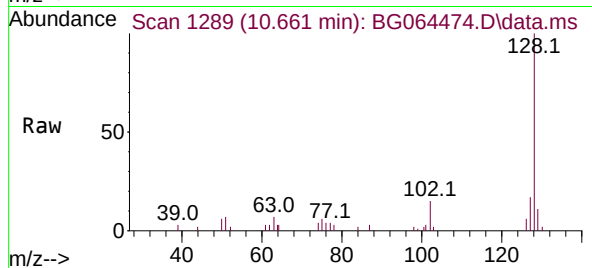
Tgt Ion:180 Resp: 7136
Ion Ratio Lower Upper
180 100
182 85.0 75.4 113.2
145 34.5 23.2 34.8





#31
Naphthalene
Concen: 5.158 ng
RT: 10.661 min Scan# 1289
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

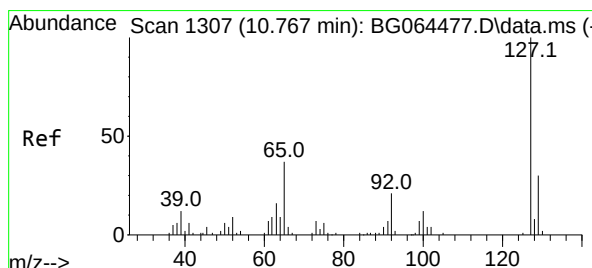
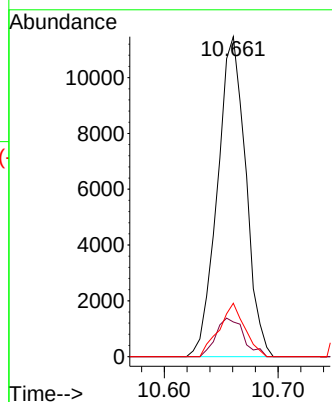
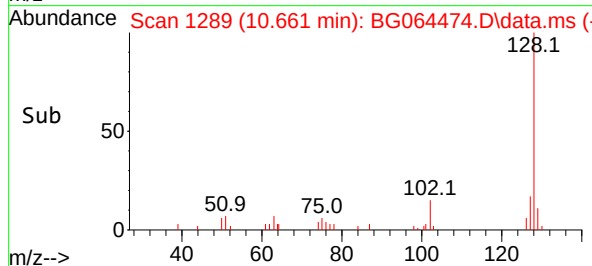
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 19808
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 16.7 10.2 15.2

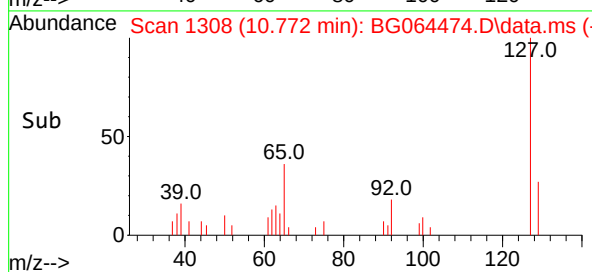
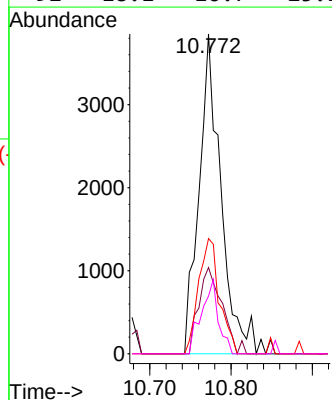
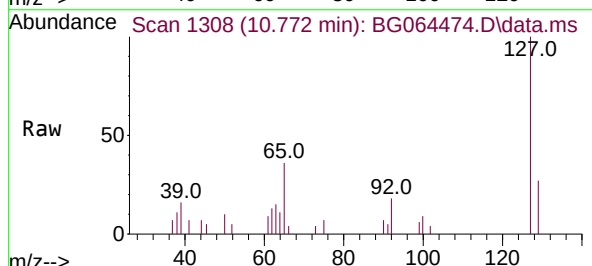
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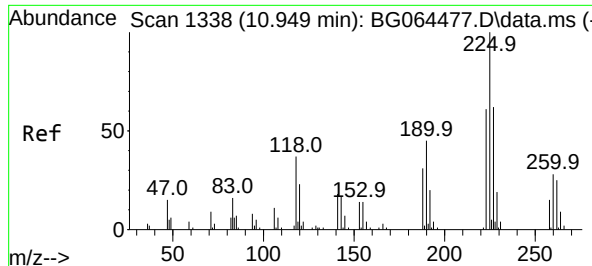
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#33
4-Chloroaniline
Concen: 4.960 ng
RT: 10.772 min Scan# 1308
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:127 Resp: 7309
Ion Ratio Lower Upper
127 100
129 26.9 24.2 36.4
65 36.0 29.6 44.4
92 18.1 16.7 25.1





#34

Hexachlorobutadiene

Concen: 5.435 ng

RT: 10.948 min Scan# 1338

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:225 Resp: 6170

Ion Ratio Lower Upper

225 100

223 60.9 49.0 73.6

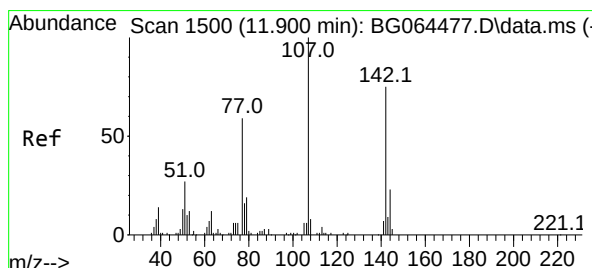
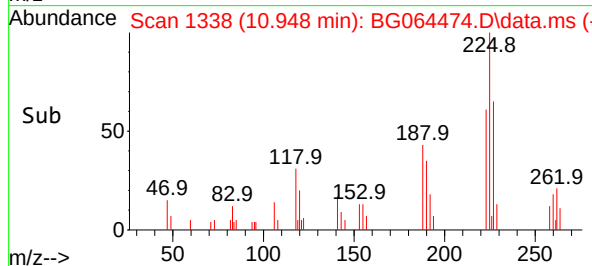
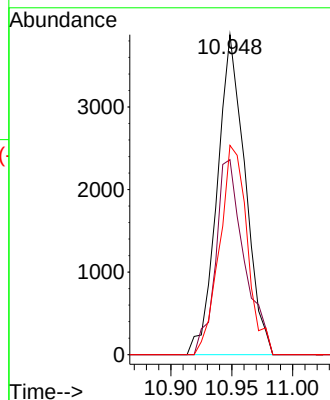
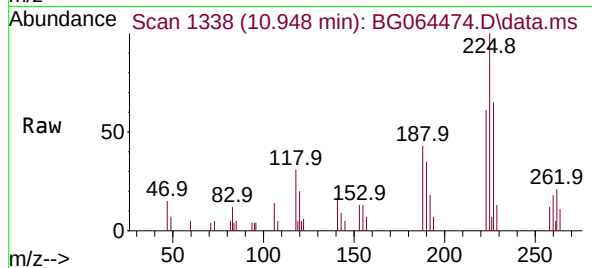
227 65.4 49.9 74.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#36

4-Chloro-3-methylphenol

Concen: 4.978 ng

RT: 11.894 min Scan# 1499

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

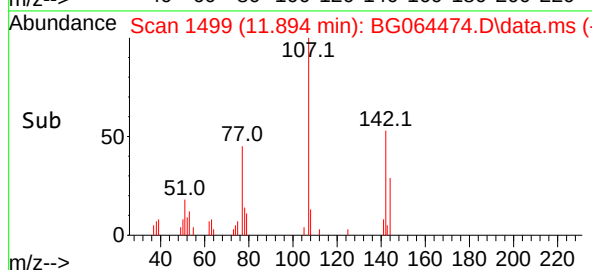
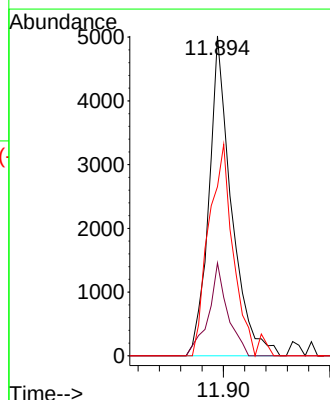
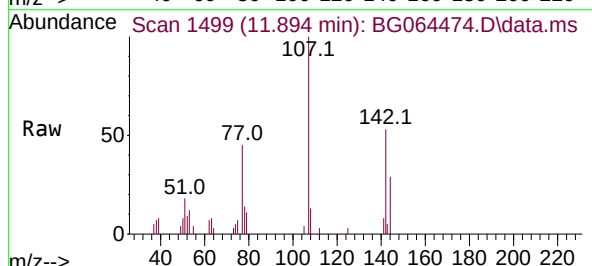
Tgt Ion:107 Resp: 7360

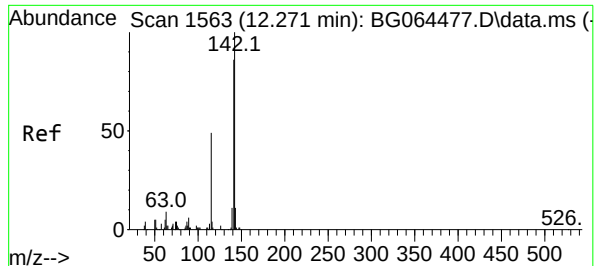
Ion Ratio Lower Upper

107 100

144 29.0 18.7 28.1#

142 58.3 60.2 90.2#





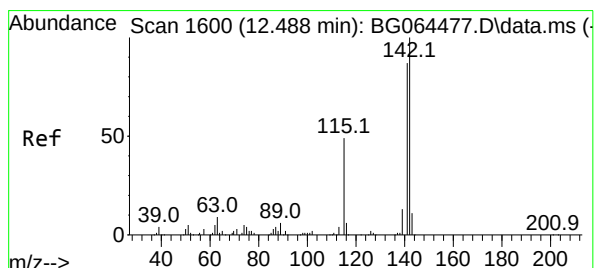
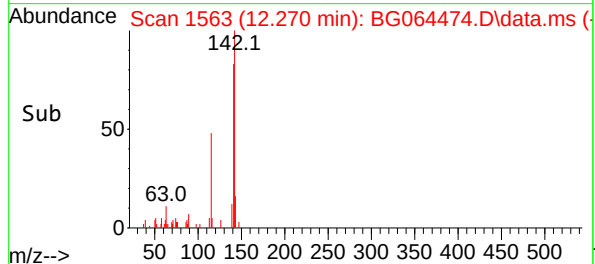
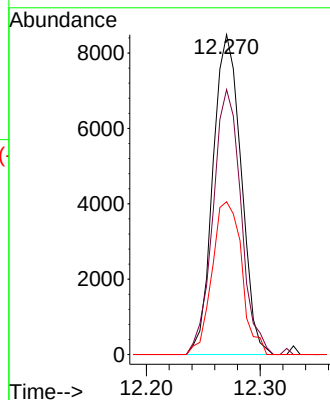
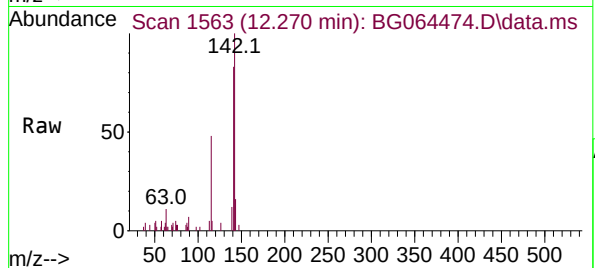
#37
2-Methylnaphthalene
Concen: 4.953 ng
RT: 12.270 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.8	68.7	103.1
115	47.8	39.3	58.9

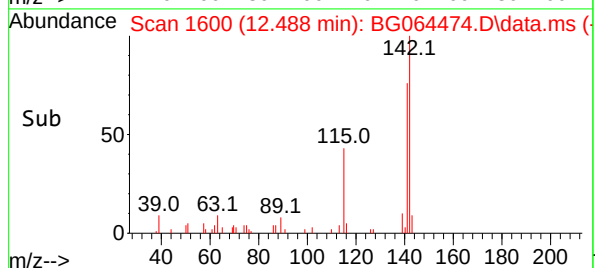
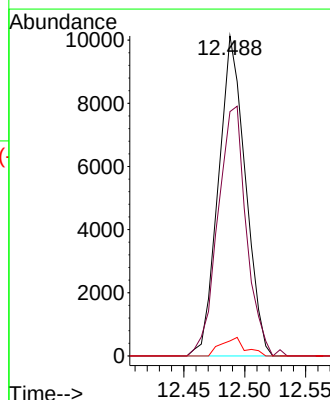
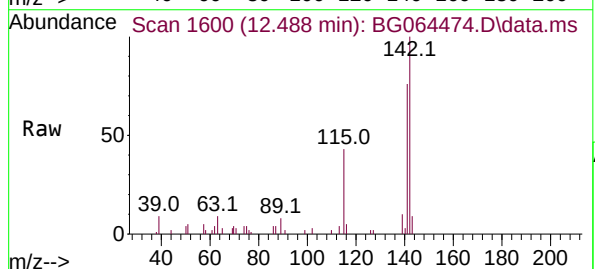
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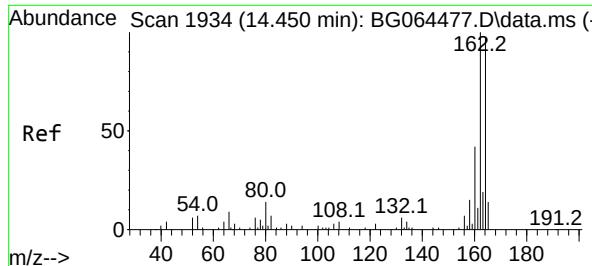
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 5.311 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

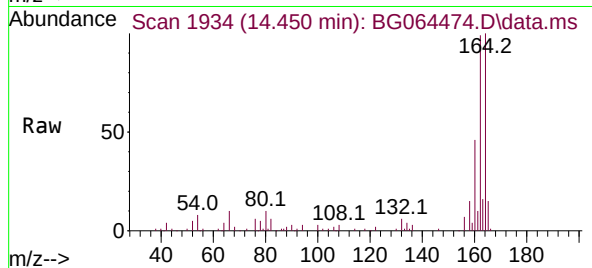
Tgt Ion	Ratio	Lower	Upper
142	100		
141	76.4	69.8	104.8
116	4.7	4.6	6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

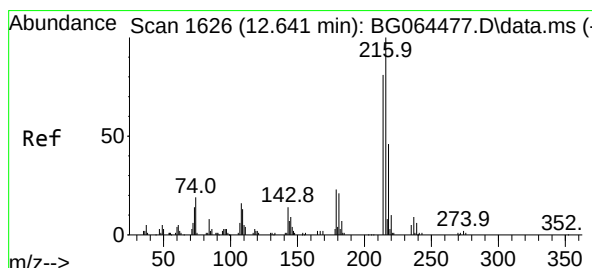
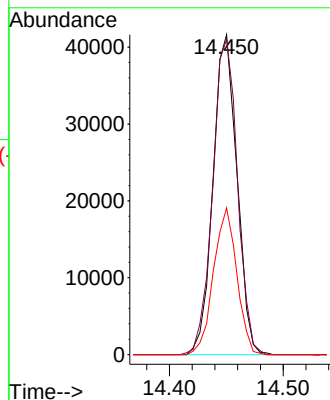
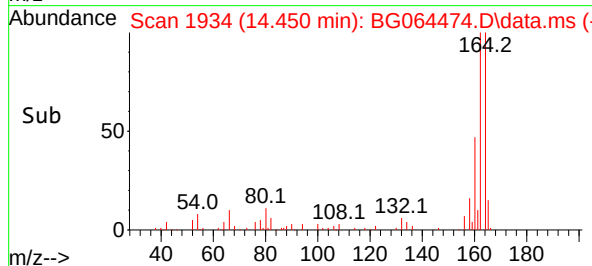
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



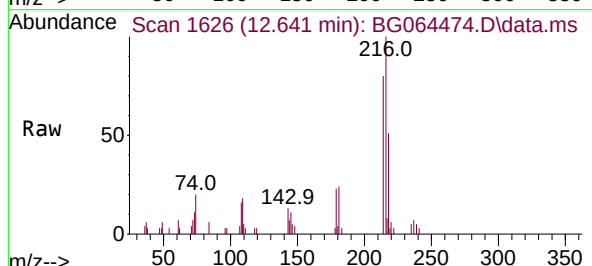
Tgt Ion:164 Resp: 60732
Ion Ratio Lower Upper
164 100
162 98.5 82.2 123.2
160 45.8 34.3 51.5

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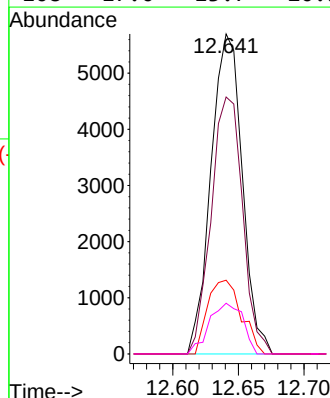
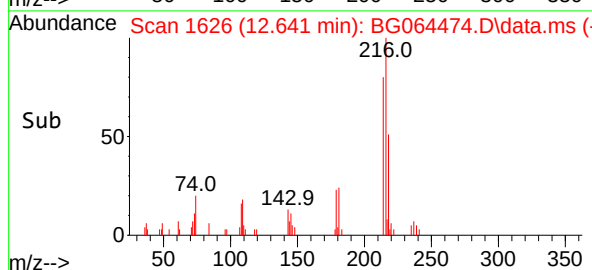
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

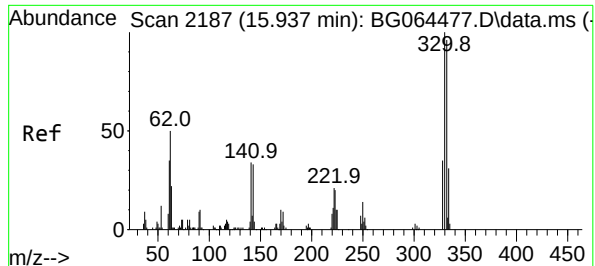


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.820 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



Tgt Ion:216 Resp: 9451
Ion Ratio Lower Upper
216 100
214 80.6 62.5 93.7
179 24.8 17.0 25.6
108 17.0 13.7 20.5





#42

2,4,6-Tribromophenol

Concen: 10.043 ng

RT: 15.937 min Scan# 2187

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 11056

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

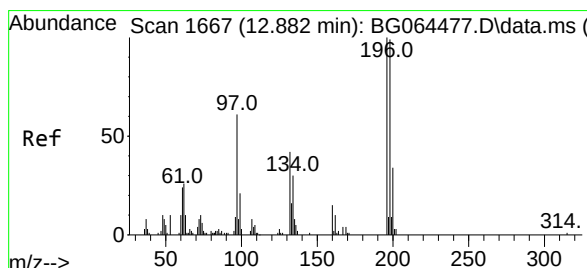
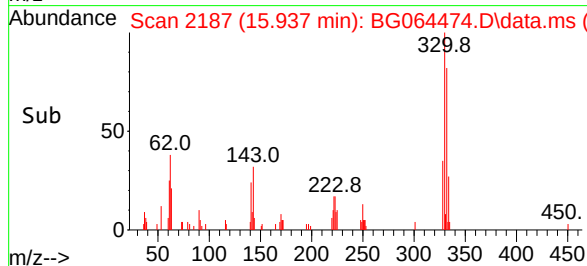
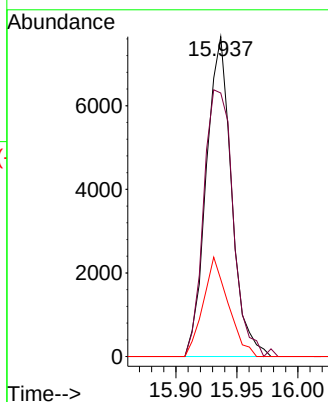
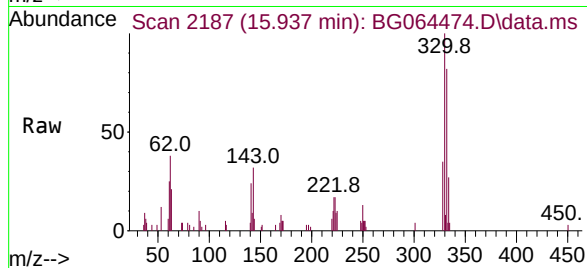
141 30.8 25.8 38.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#43

2,4,6-Trichlorophenol

Concen: 4.742 ng

RT: 12.882 min Scan# 1667

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

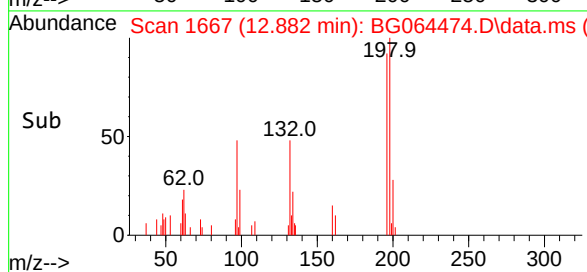
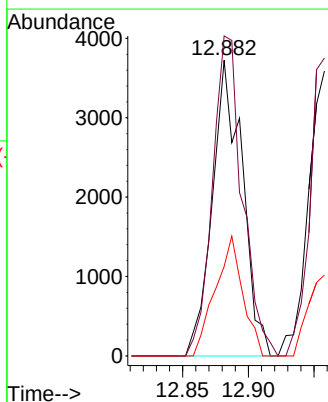
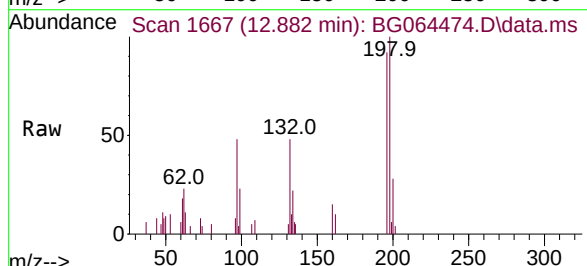
Tgt Ion:196 Resp: 5944

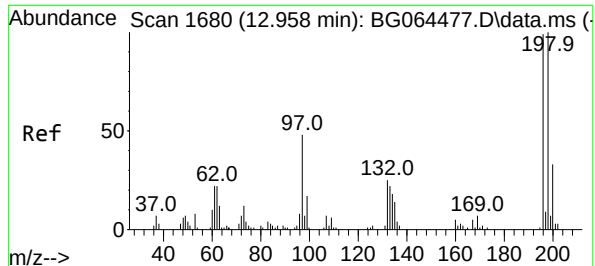
Ion Ratio Lower Upper

196 100

198 108.3 79.3 118.9

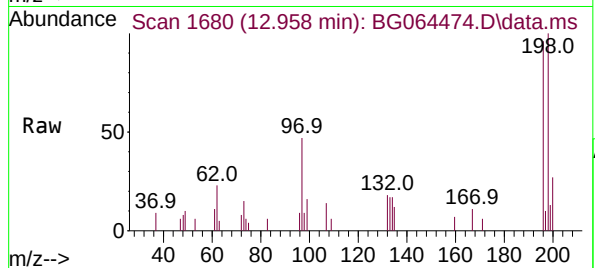
200 30.2 27.4 41.2





#44
2,4,5-Trichlorophenol
Concen: 4.890 ng
RT: 12.958 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

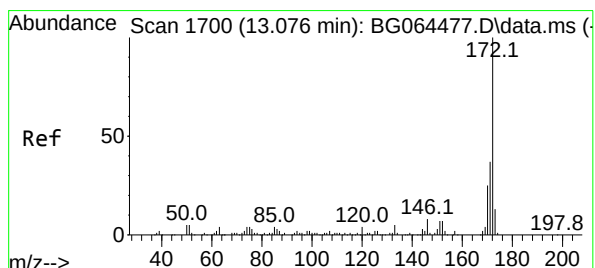
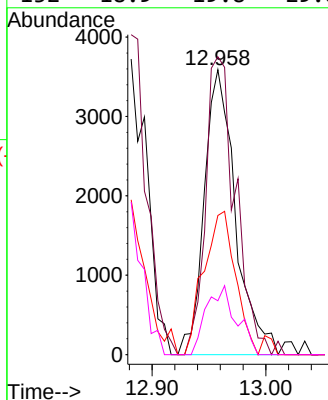
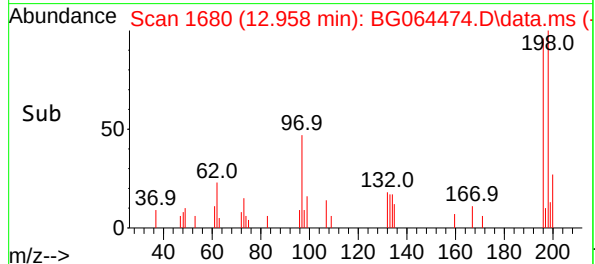
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 6843
Ion Ratio Lower Upper
196 100
198 104.6 80.3 120.5
97 48.8 39.4 59.0
132 18.9 19.8 29.8#

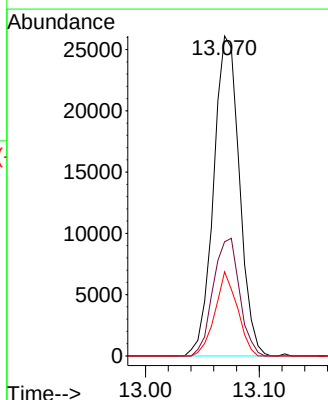
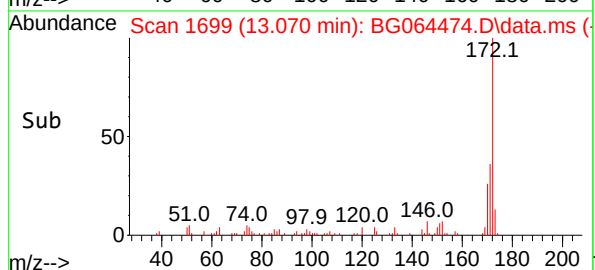
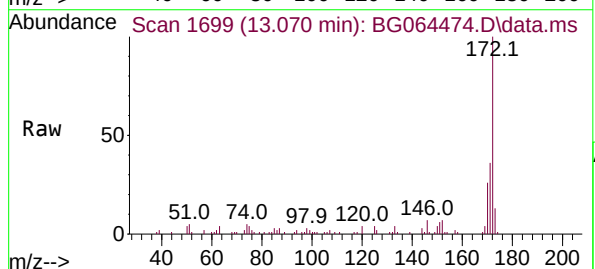
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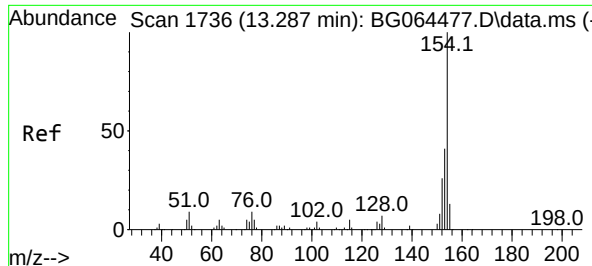
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#45
2-Fluorobiphenyl
Concen: 9.988 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

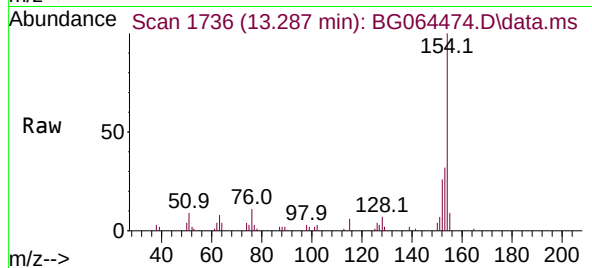
Tgt Ion:172 Resp: 41153
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 26.3 20.2 30.2





#46
1,1'-Biphenyl
Concen: 5.003 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

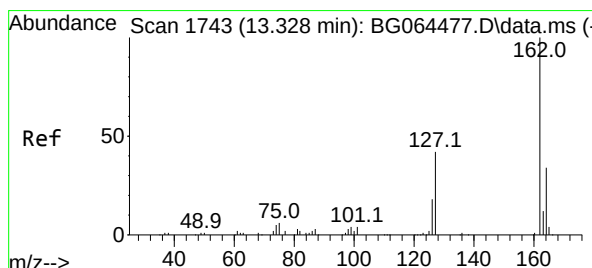
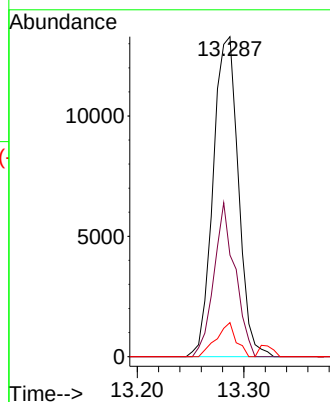
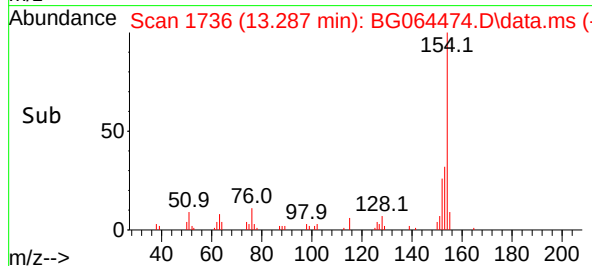
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



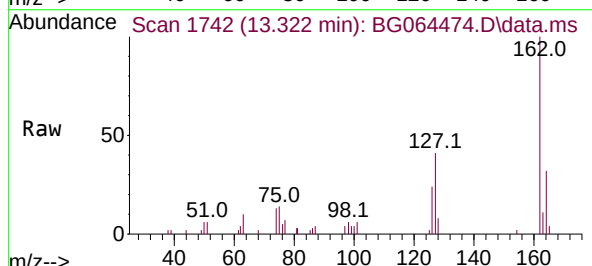
Tgt Ion:154 Resp: 21854
Ion Ratio Lower Upper
154 100
153 31.7 20.7 60.7
76 10.6 0.0 29.3

Manual Integrations
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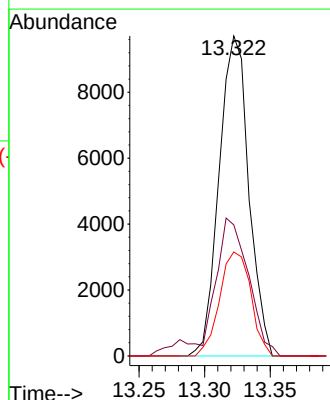
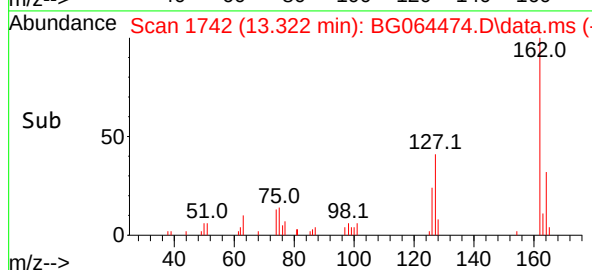
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

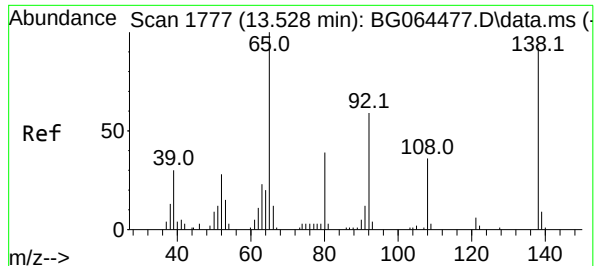


#47
2-Chloronaphthalene
Concen: 4.685 ng
RT: 13.322 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



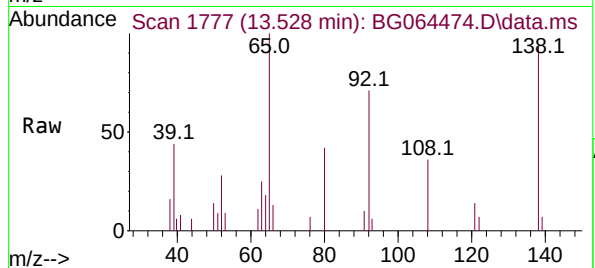
Tgt Ion:162 Resp: 15278
Ion Ratio Lower Upper
162 100
127 40.9 35.8 53.8
164 32.5 27.2 40.8





#48
2-Nitroaniline
Concen: 4.107 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

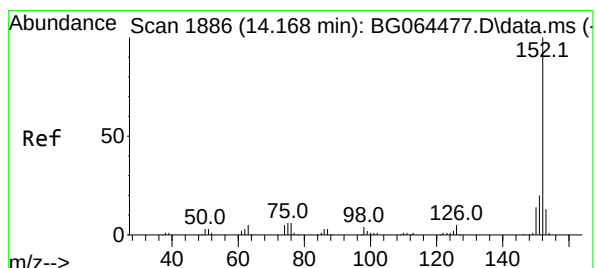
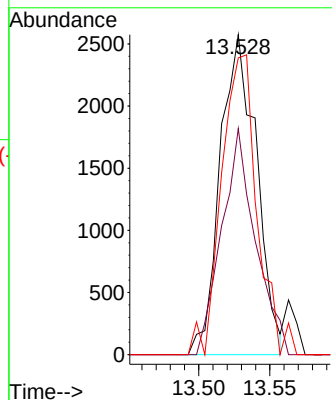
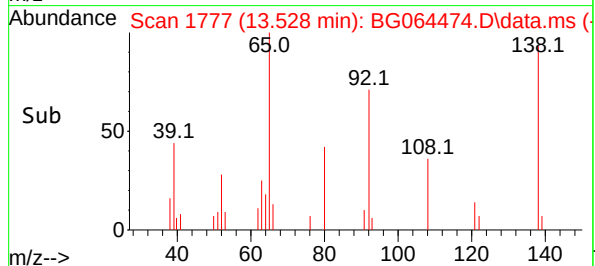
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



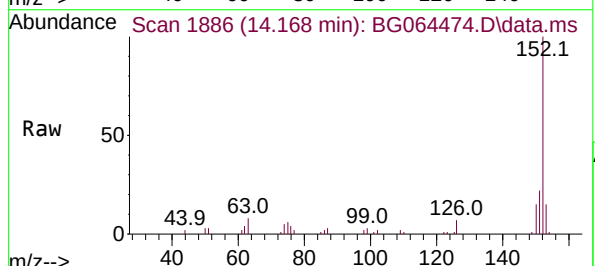
Tgt Ion: 65 Resp: 457
Ion Ratio Lower Upper
65 100
92 70.6 47.0 70.6
138 92.7 73.5 110.3

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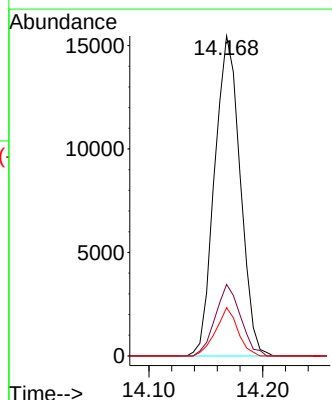
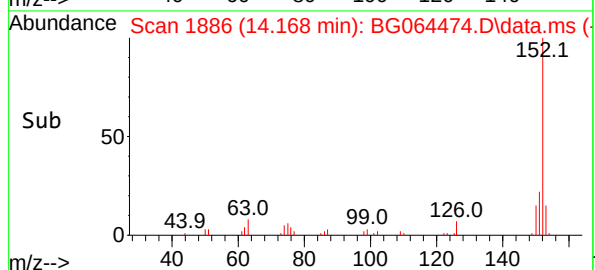
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

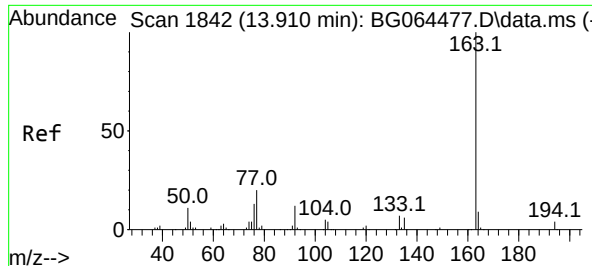


#49
Acenaphthylene
Concen: 4.990 ng
RT: 14.168 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



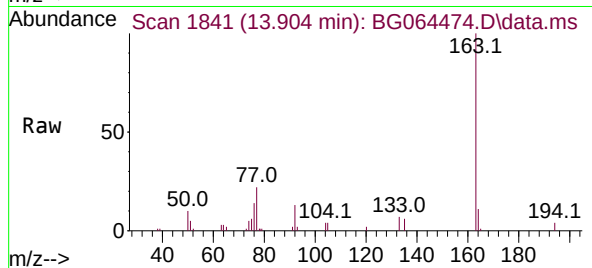
Tgt Ion:152 Resp: 24156
Ion Ratio Lower Upper
152 100
151 22.3 15.8 23.6
153 15.1 10.6 15.8





#50
Dimethylphthalate
Concen: 4.992 ng
RT: 13.904 min Scan# 1842
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

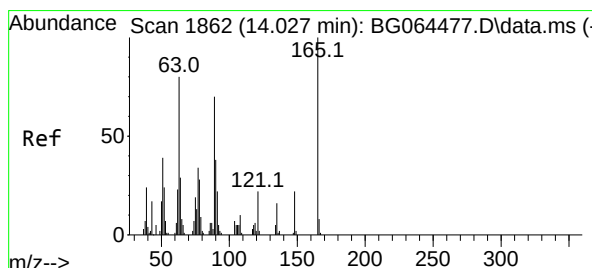
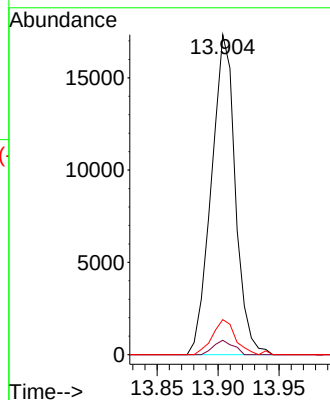
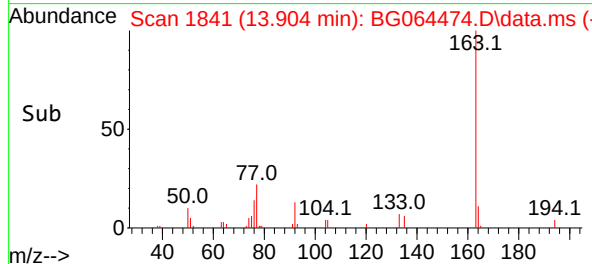
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:163 Resp: 23745
Ion Ratio Lower Upper
163 100
194 4.5 2.9 4.3
164 10.9 7.4 11.0

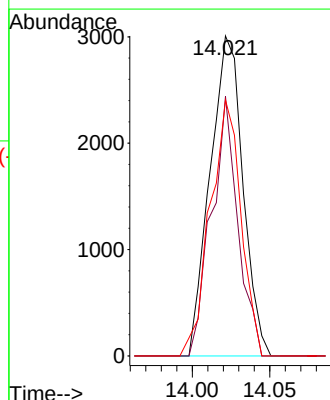
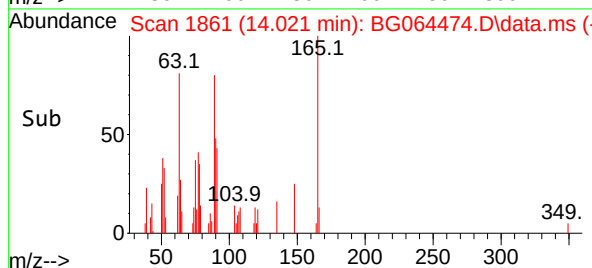
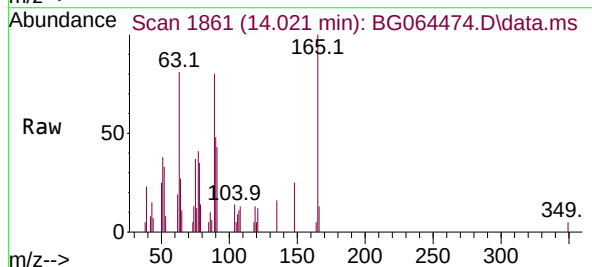
Manual Integrations
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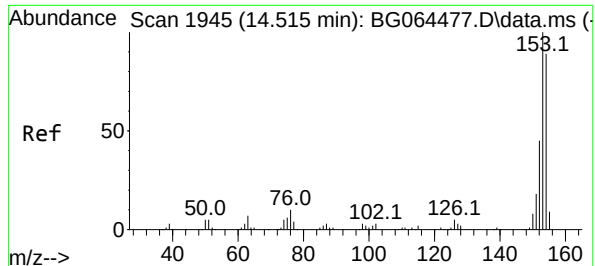
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#51
2,6-Dinitrotoluene
Concen: 4.470 ng
RT: 14.021 min Scan# 1861
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:165 Resp: 4429
Ion Ratio Lower Upper
165 100
63 81.1 63.9 95.9
89 80.0 56.1 84.1





#52

Acenaphthene

Concen: 5.000 ng

RT: 14.515 min Scan# 1945

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:154 Resp: 16816

Ion Ratio Lower Upper

154 100

153 123.7 90.2 135.4

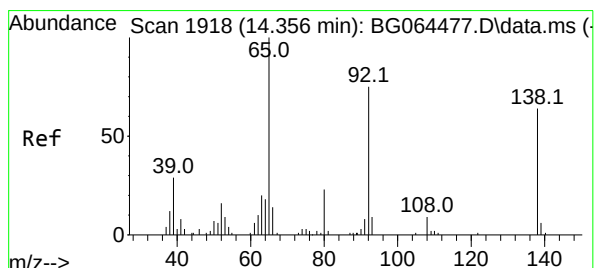
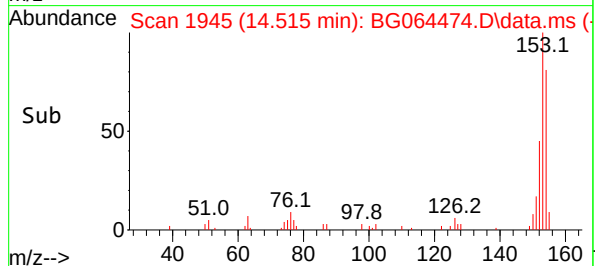
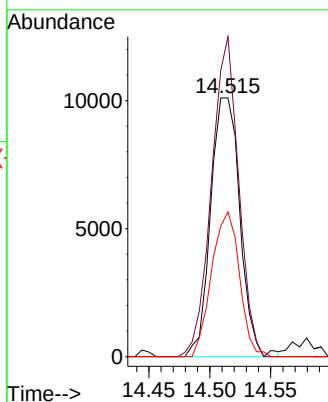
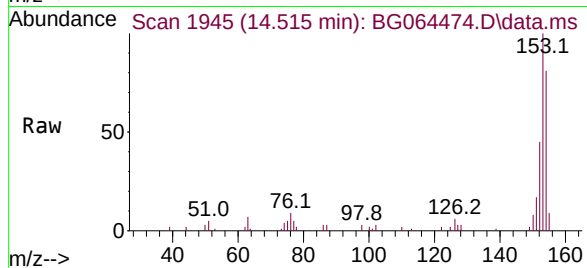
152 56.0 40.2 60.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#53

3-Nitroaniline

Concen: 4.630 ng

RT: 14.356 min Scan# 1918

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

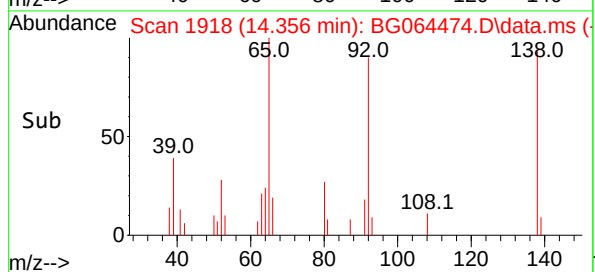
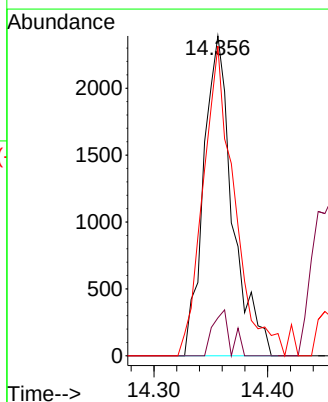
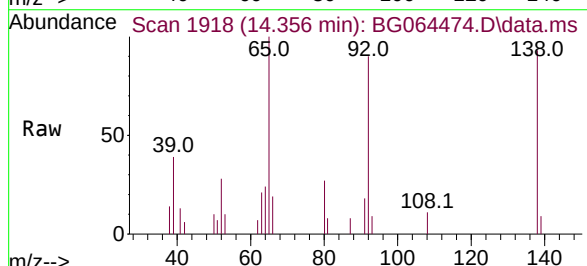
Tgt Ion:138 Resp: 4231

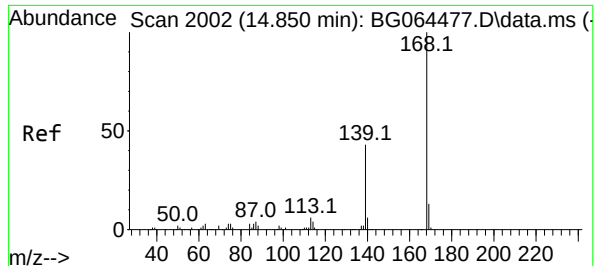
Ion Ratio Lower Upper

138 100

108 11.9 10.6 15.8

92 96.8 93.2 139.8





#55

Dibenzenofuran

Concen: 5.022 ng

RT: 14.850 min Scan# 2002

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

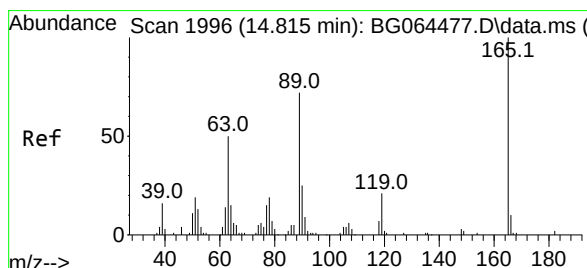
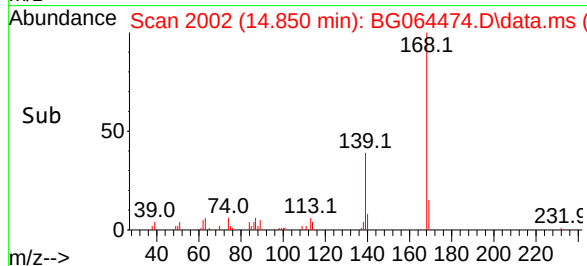
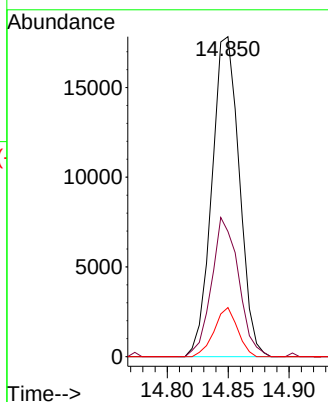
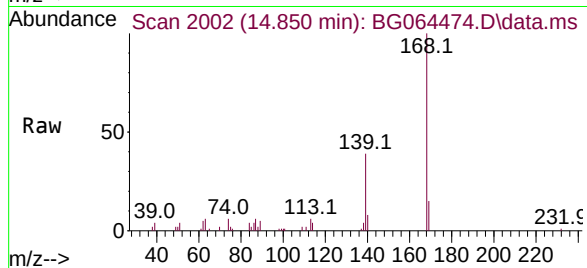
SSTDIC005

Tgt Ion:	168	Resp:	2788
Ion Ratio	Lower	Upper	
168	100		
139	39.1	34.0	51.0
169	15.3	10.2	15.2

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#57

2,4-Dinitrotoluene

Concen: 4.826 ng

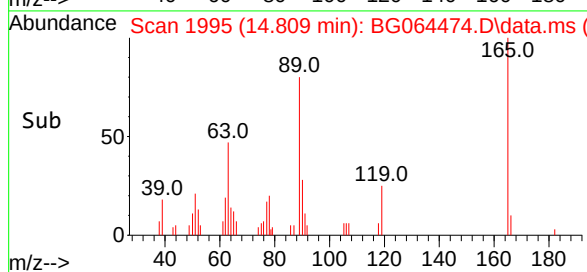
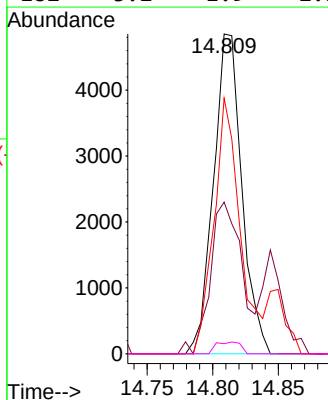
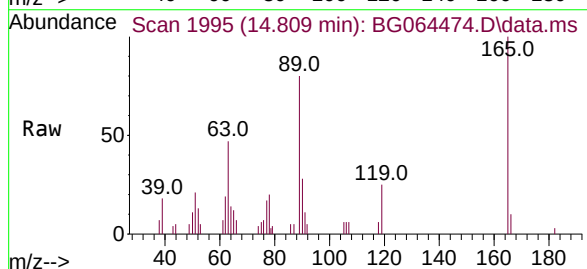
RT: 14.809 min Scan# 1995

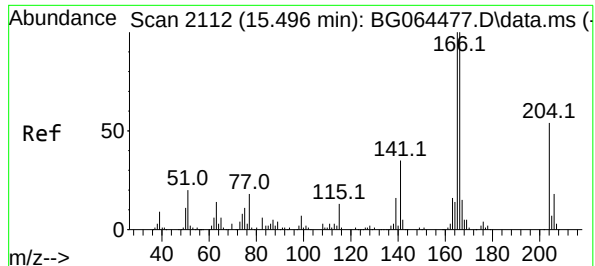
Delta R.T. -0.004 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Tgt Ion:	165	Resp:	7310
Ion Ratio	Lower	Upper	
165	100		
63	47.4	40.4	60.6
89	79.9	57.3	85.9
182	3.2	1.9	2.9





#58

Fluorene

Concen: 4.994 ng

RT: 15.496 min Scan# 2112

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:166 Resp: 2305

Ion Ratio Lower Upper

166 100

165 92.3 79.8 119.6

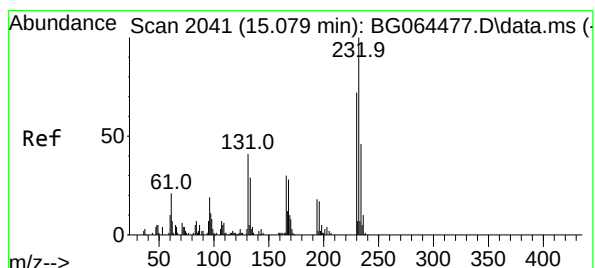
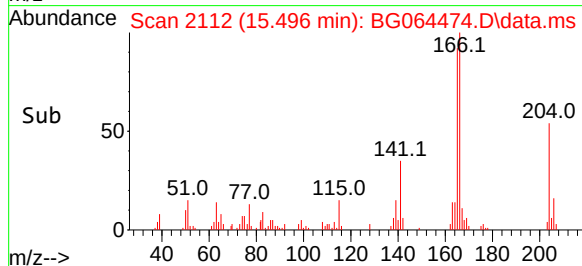
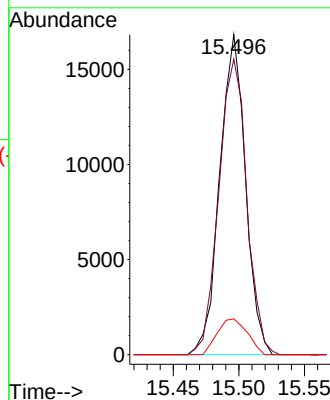
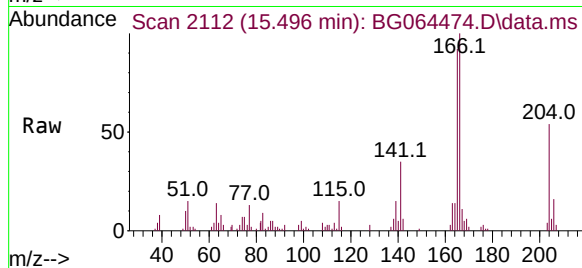
167 11.2 11.7 17.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.658 ng

RT: 15.073 min Scan# 2040

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Tgt Ion:232 Resp: 6653

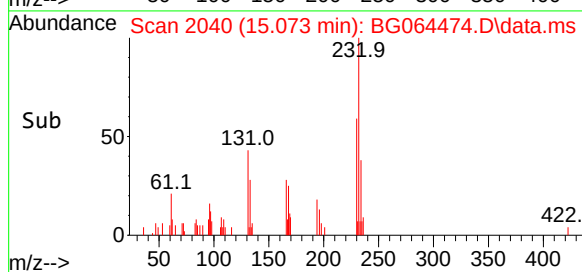
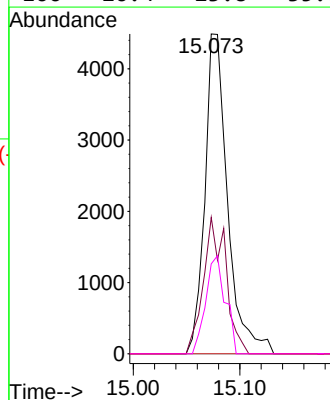
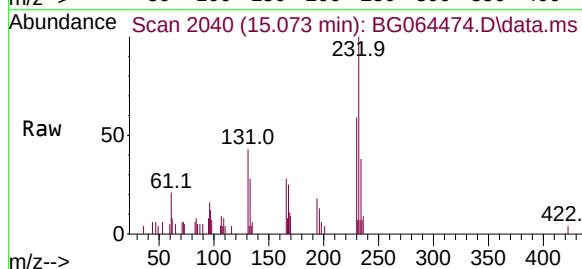
Ion Ratio Lower Upper

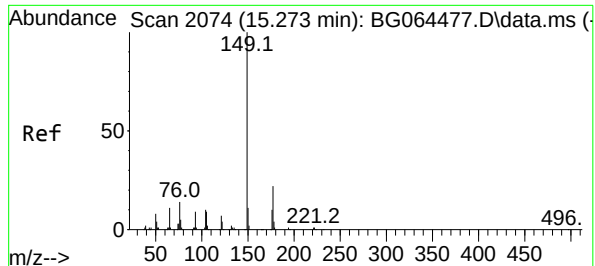
232 100

131 42.3 35.0 52.4

130 0.0 2.0 3.0#

166 26.4 23.8 35.6





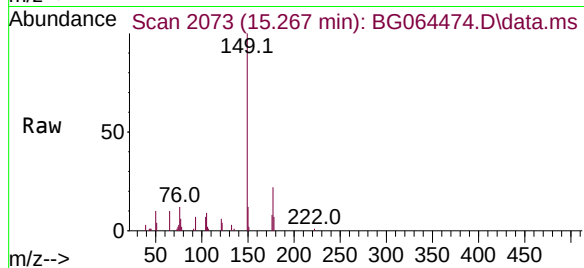
#60
Diethylphthalate
Concen: 5.198 ng
RT: 15.267 min Scan# 2073
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

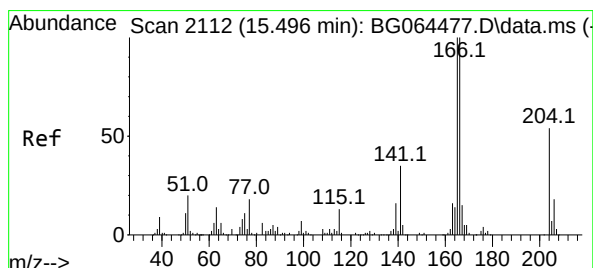
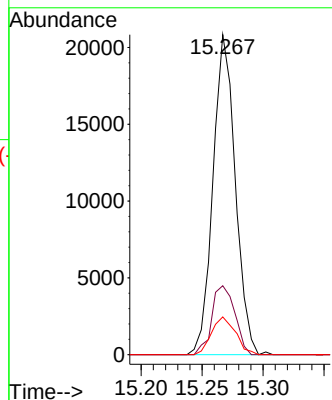
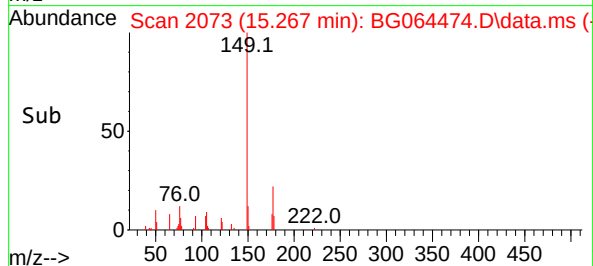
SSTDICC005



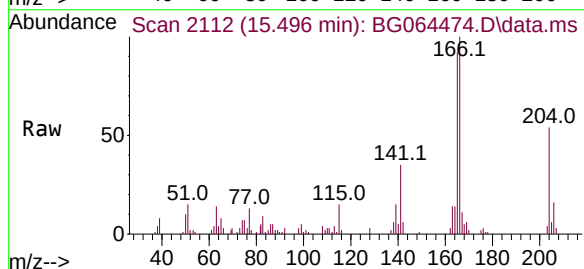
Tgt Ion:149 Resp: 26525
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 11.8 9.1 13.7

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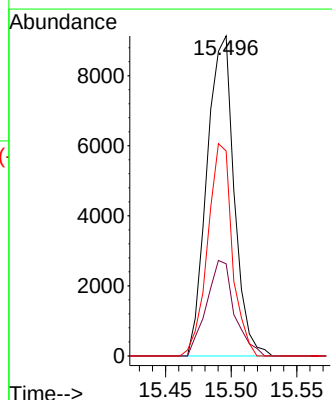
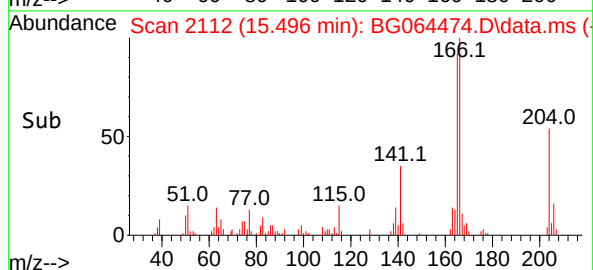
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

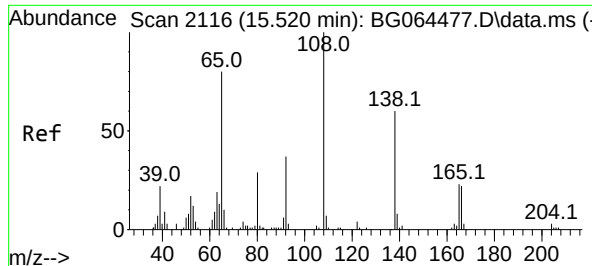


#61
4-Chlorophenyl-phenylether
Concen: 5.215 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



Tgt Ion:204 Resp: 13144
Ion Ratio Lower Upper
204 100
206 28.8 27.1 40.7
141 64.0 51.5 77.3





#62

4-Nitroaniline

Concen: 3.655 ng

RT: 15.514 min Scan# 2115

Delta R.T. 0.002 min

Lab File: BG064474.D

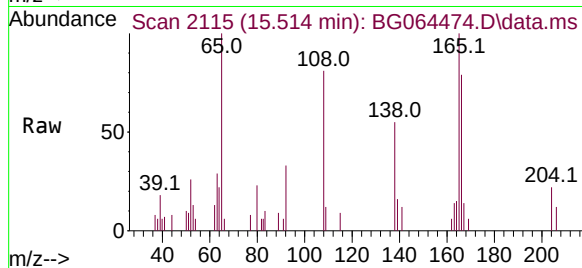
Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:138 Resp: 348

Ion Ratio Lower Upper

138 100

92 59.1 42.3 82.3

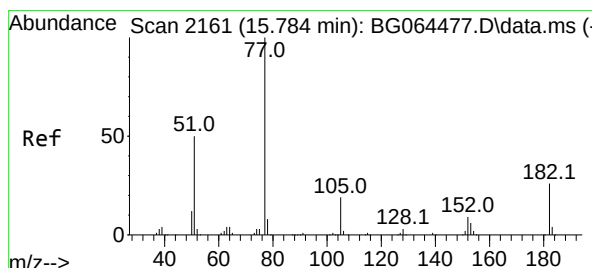
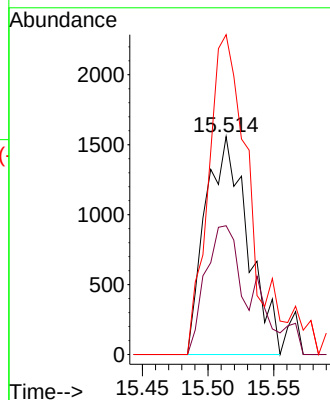
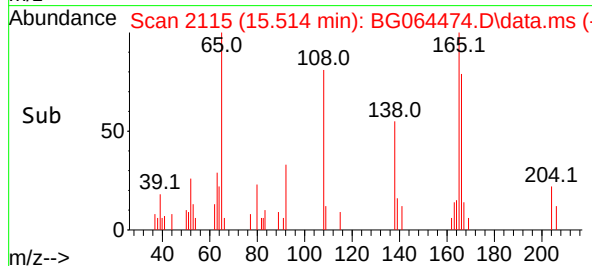
108 146.8 147.7 187.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#63

Azobenzene

Concen: 5.144 ng

RT: 15.778 min Scan# 2160

Delta R.T. -0.004 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Tgt Ion: 77 Resp: 20327

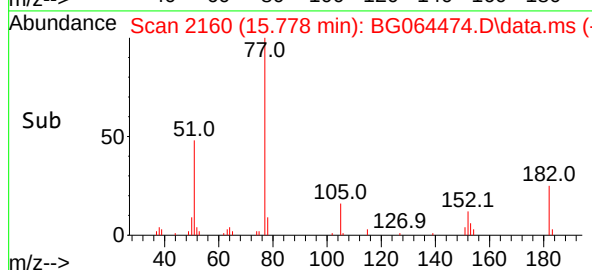
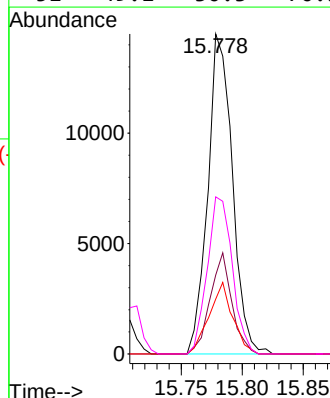
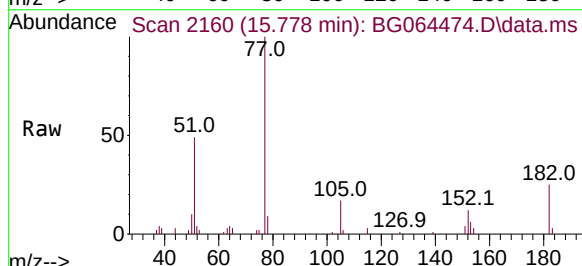
Ion Ratio Lower Upper

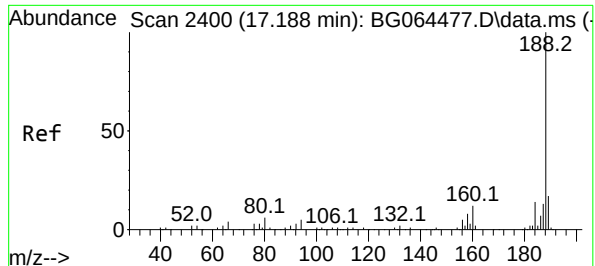
77 100

182 24.6 6.3 46.3

105 17.1 0.0 38.7

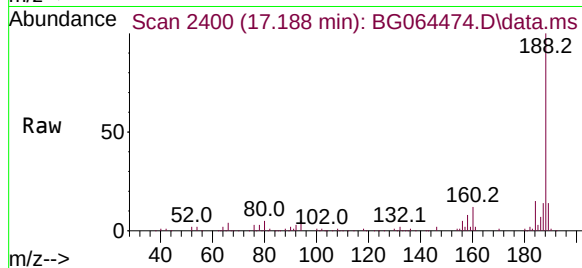
51 49.1 30.3 70.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

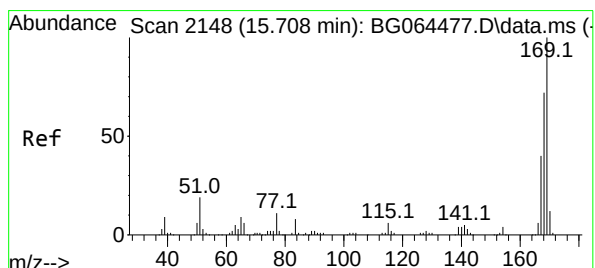
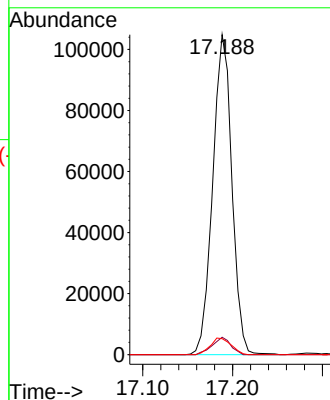
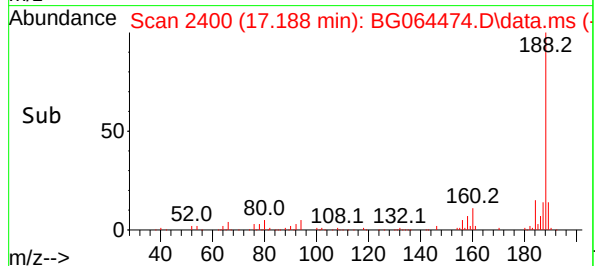
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



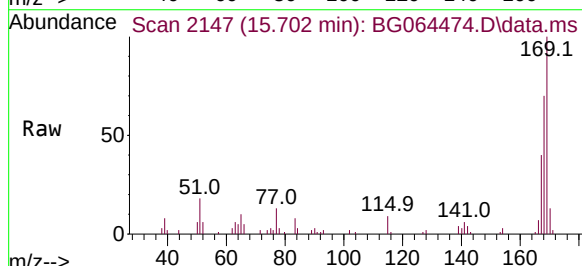
Tgt Ion:188 Resp: 155342
Ion Ratio Lower Upper
188 100
94 5.4 3.7 5.5
80 5.0 4.5 6.7

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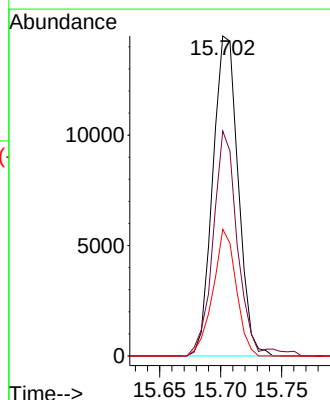
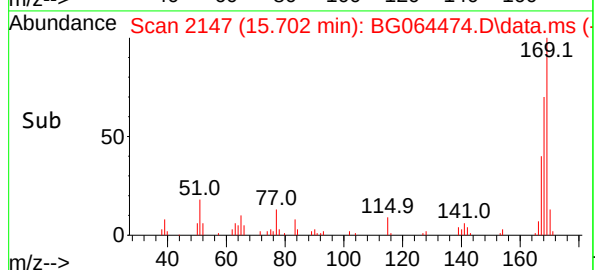
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

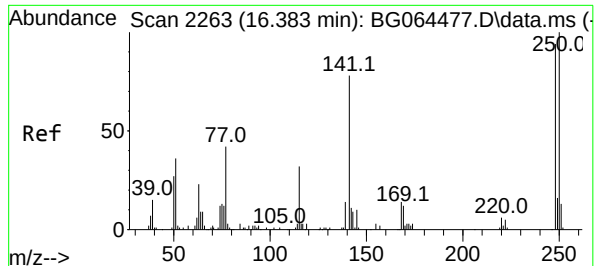


#66
n-Nitrosodiphenylamine
Concen: 5.053 ng
RT: 15.702 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



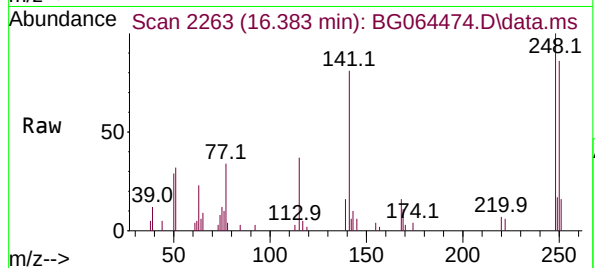
Tgt Ion:169 Resp: 20960
Ion Ratio Lower Upper
169 100
168 70.3 57.8 86.6
167 39.6 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 5.002 ng
RT: 16.383 min Scan# 2263
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

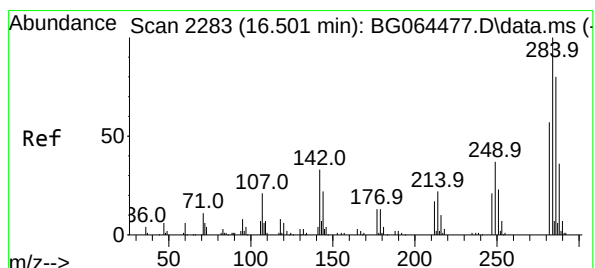
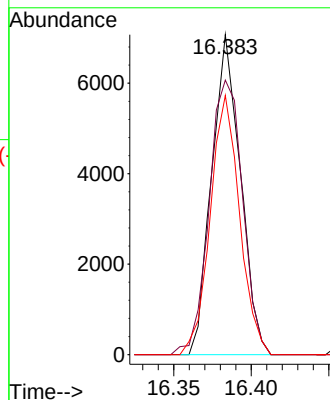
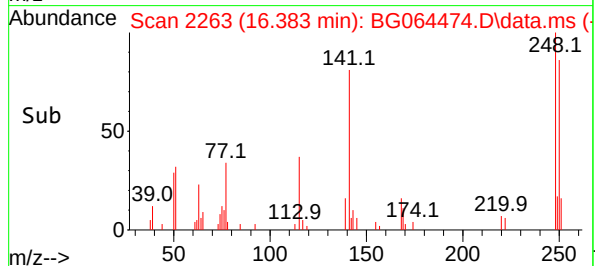
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



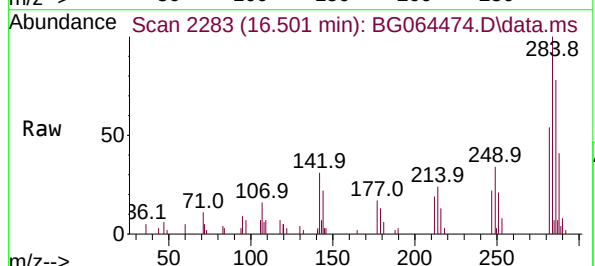
Tgt Ion:248 Resp: 9144
Ion Ratio Lower Upper
248 100
250 85.8 85.3 127.9
141 81.0 66.2 99.2

Manual Integrations
APPROVED

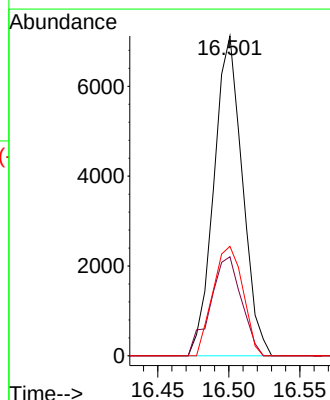
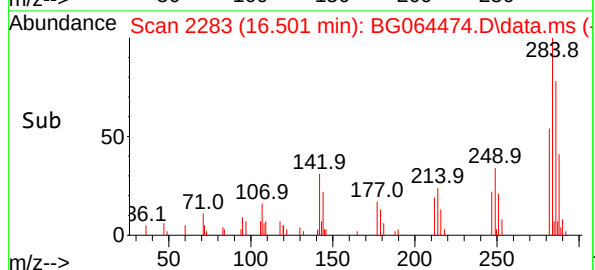
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

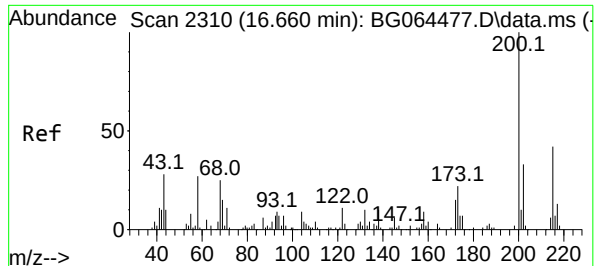


#68
Hexachlorobenzene
Concen: 4.747 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



Tgt Ion:284 Resp: 9929
Ion Ratio Lower Upper
284 100
142 31.0 26.2 39.2
249 36.8 29.4 44.0





#69

Atrazine

Concen: 4.979 ng

RT: 16.654 min Scan# 2310

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

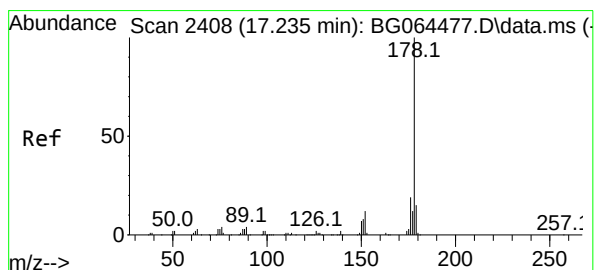
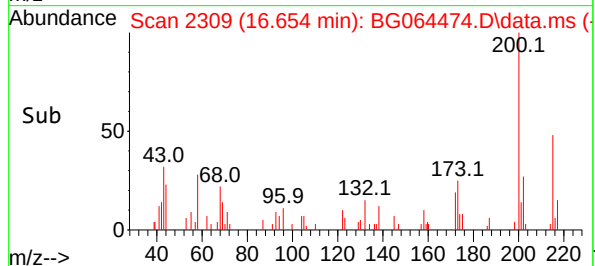
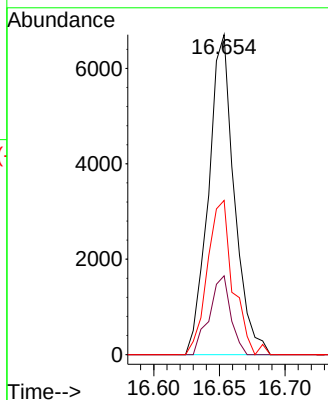
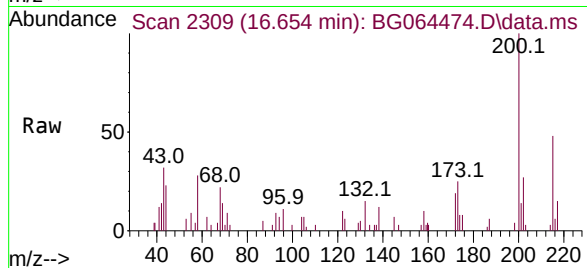
Tgt Ion	200	Resp	9189
Ion Ratio	Lower	Upper	
200	100		
173	24.6	2.5	42.5
215	48.2	21.5	61.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#71

Phenanthrene

Concen: 5.126 ng

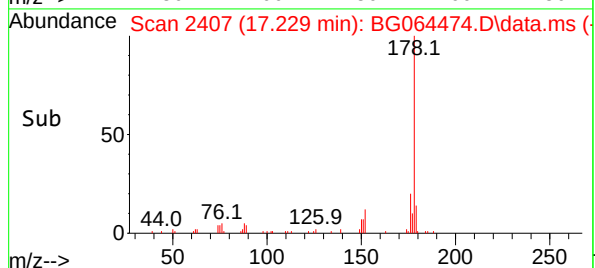
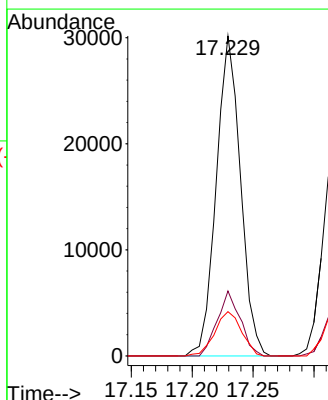
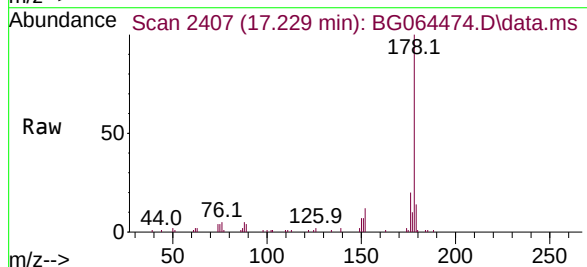
RT: 17.229 min Scan# 2407

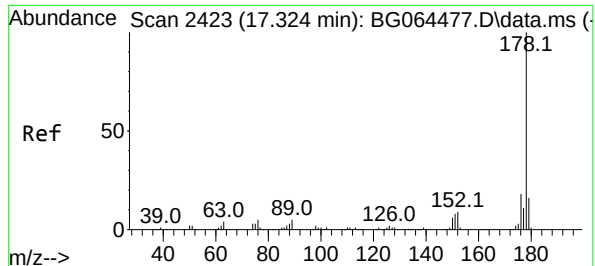
Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

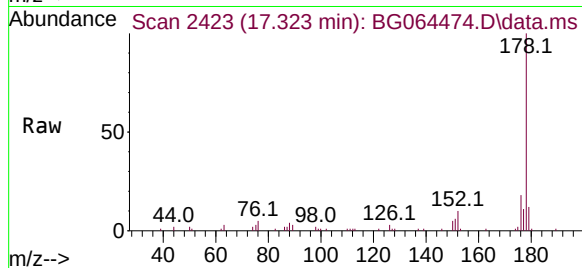
Tgt Ion	178	Resp	41639
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.2	22.8
179	13.8	11.8	17.6





#72
Anthracene
Concen: 4.978 ng m
RT: 17.323 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

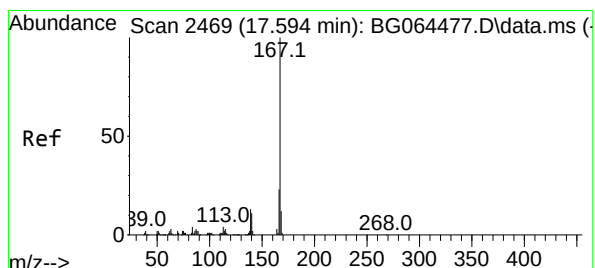
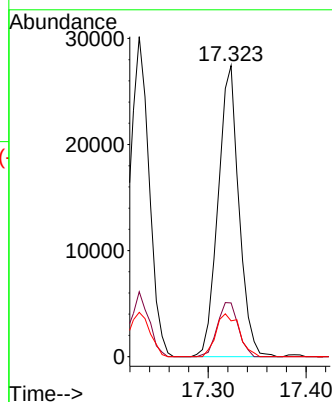
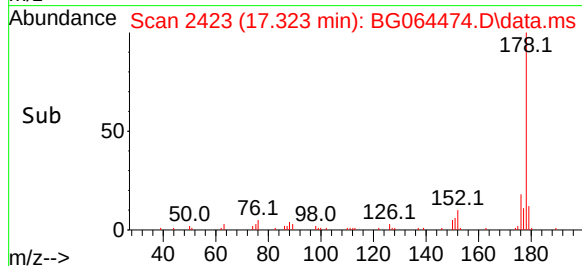
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 40568
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 12.3 12.5 18.7

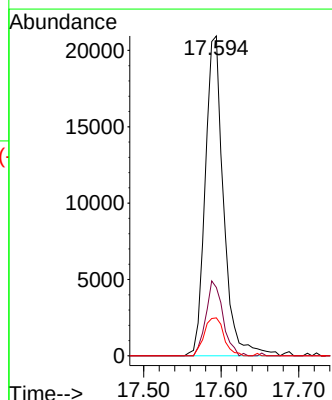
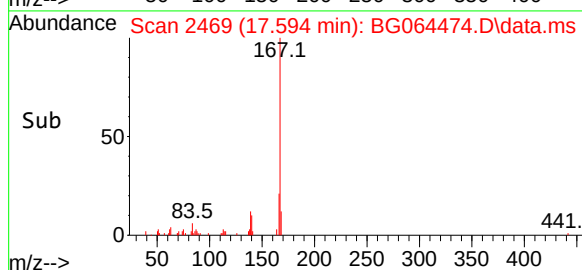
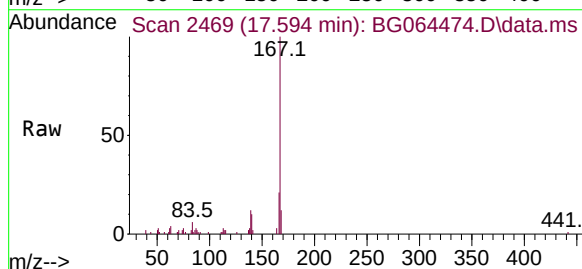
Manual Integrations
APPROVED

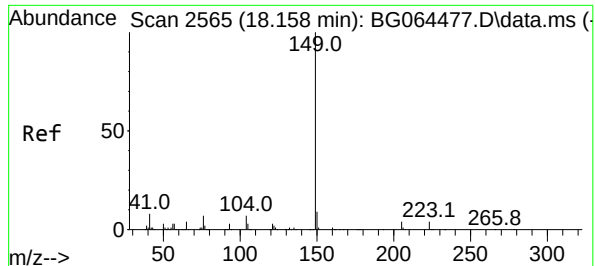
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#73
Carbazole
Concen: 4.870 ng
RT: 17.594 min Scan# 2469
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

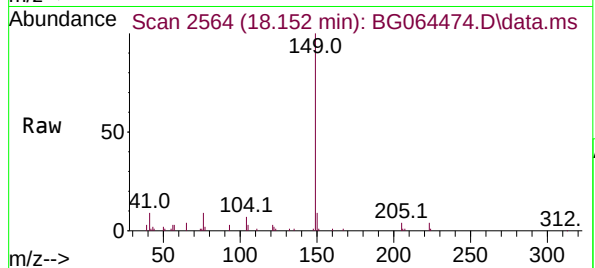
Tgt Ion:167 Resp: 34305
Ion Ratio Lower Upper
167 100
166 21.4 18.6 27.8
139 11.9 10.2 15.4





#74
Di-n-butylphthalate
Concen: 4.950 ng
RT: 18.152 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

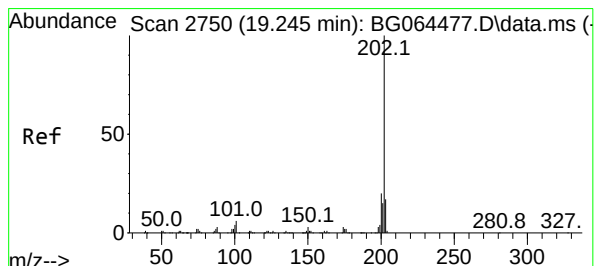
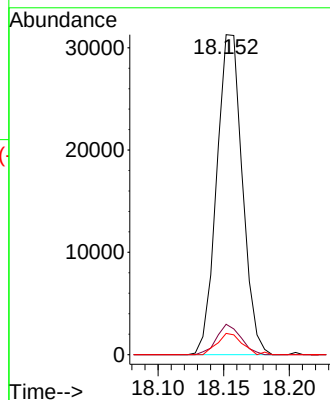
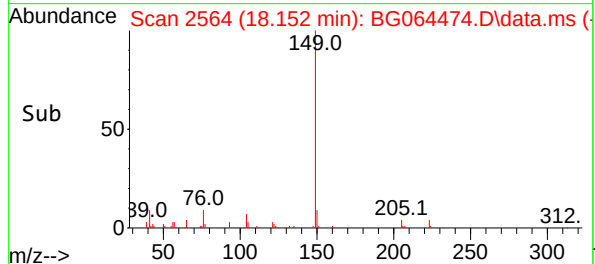
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



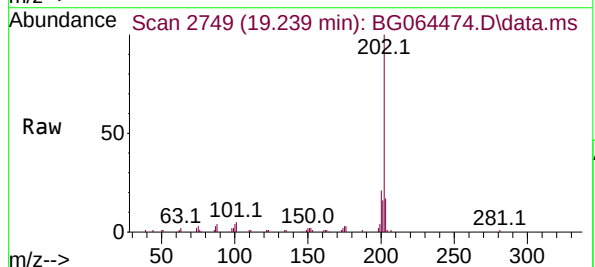
Tgt Ion:149 Resp: 42564
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 6.6 5.3 7.9

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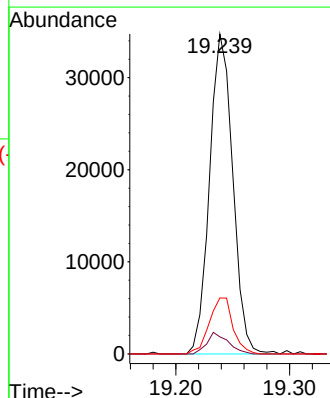
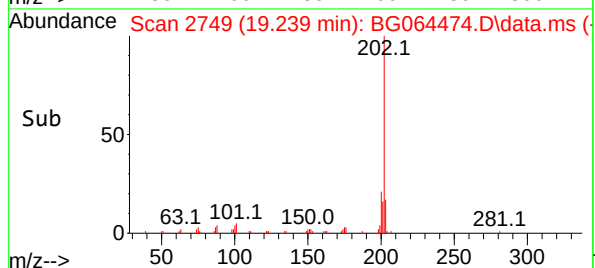
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

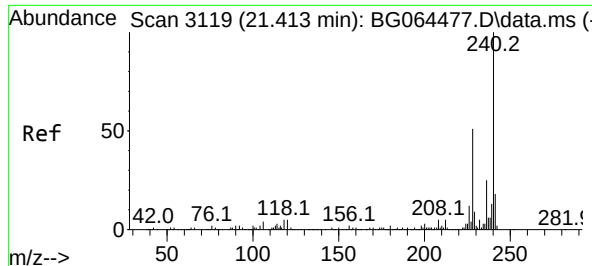


#75
Fluoranthene
Concen: 5.080 ng
RT: 19.239 min Scan# 2749
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



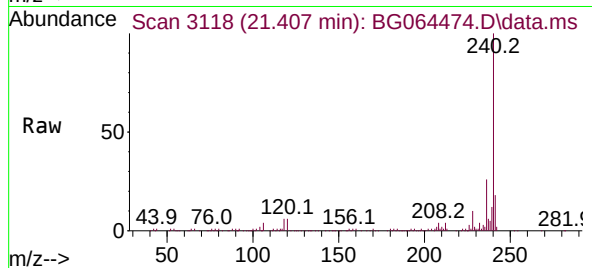
Tgt Ion:202 Resp: 49301
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.7
203 17.5 0.0 36.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.407 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

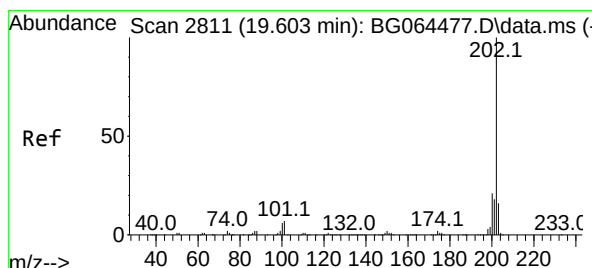
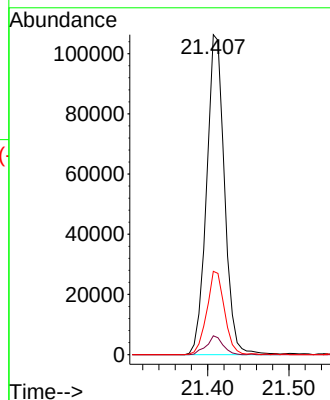
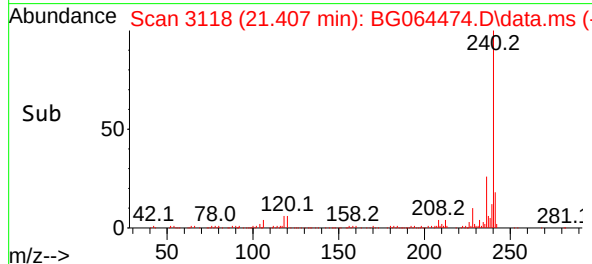
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 162684
Ion Ratio Lower Upper
240 100
120 5.9 4.3 6.5
236 26.0 20.4 30.6

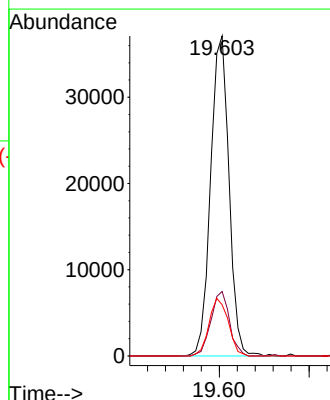
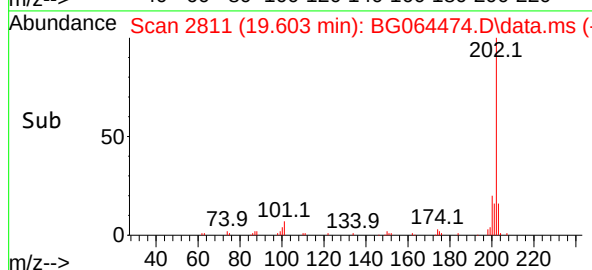
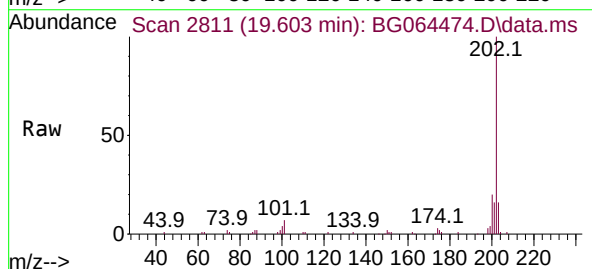
Manual Integrations
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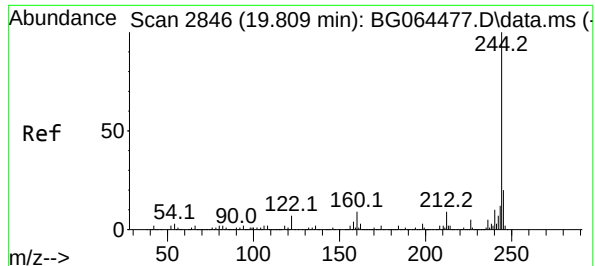
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 4.989 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

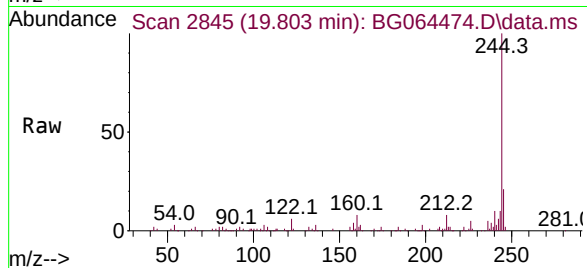
Tgt Ion:202 Resp: 52677
Ion Ratio Lower Upper
202 100
200 20.1 17.0 25.4
203 16.0 13.0 19.4





#79
Terphenyl-d14
Concen: 10.093 ng
RT: 19.803 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

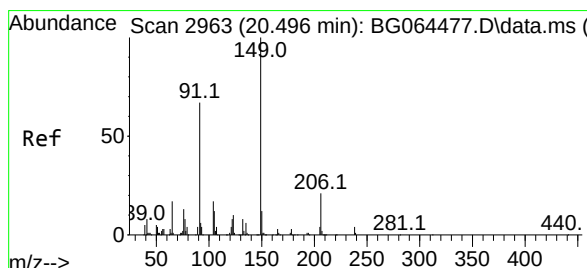
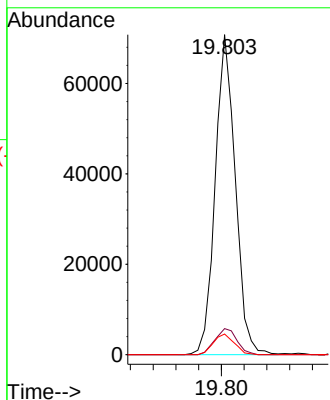
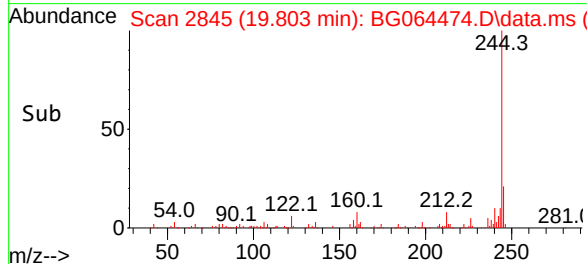
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



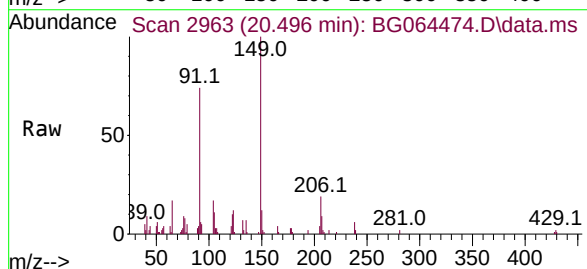
Tgt Ion:244 Resp: 86764
Ion Ratio Lower Upper
244 100
212 8.1 7.0 10.6
122 6.4 5.6 8.4

Manual Integrations
APPROVED

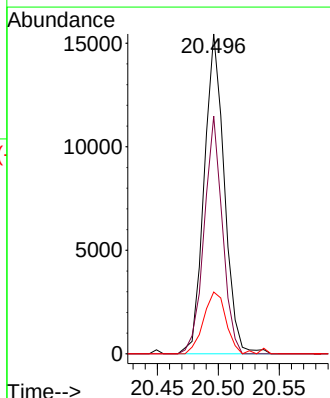
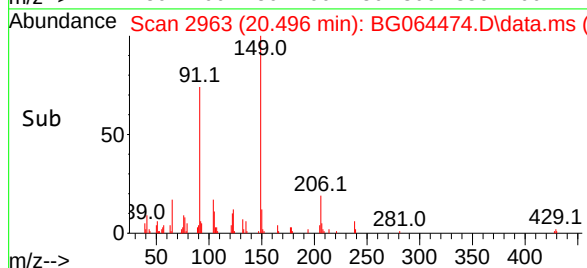
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

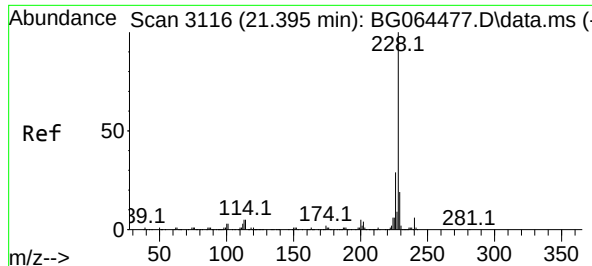


#80
Butylbenzylphthalate
Concen: 4.749 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42



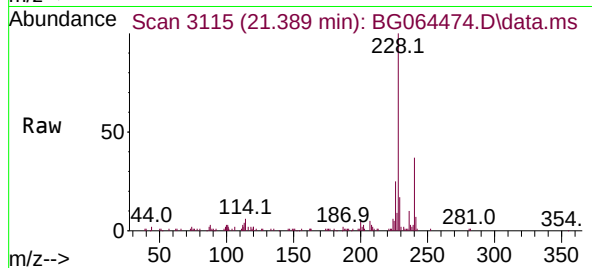
Tgt Ion:149 Resp: 17773
Ion Ratio Lower Upper
149 100
91 74.3 53.7 80.5
206 19.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 5.012 ng
RT: 21.389 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

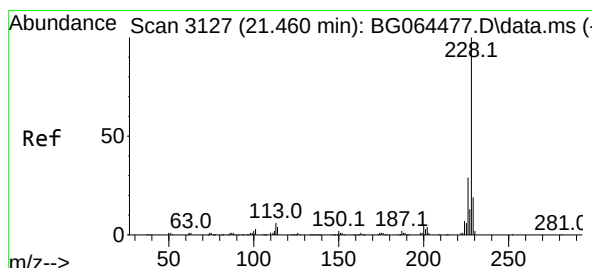
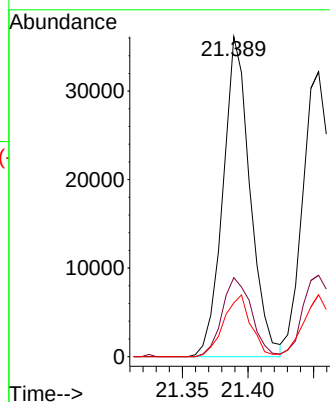
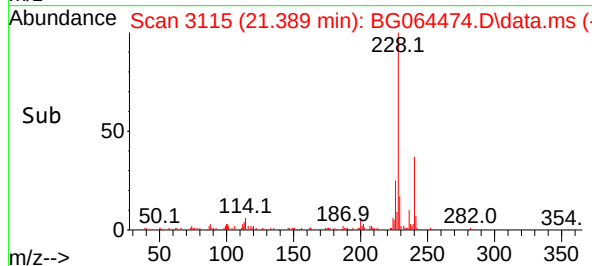
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 52066
Ion Ratio Lower Upper
228 100
226 24.7 22.8 34.2
229 16.8 15.2 22.8

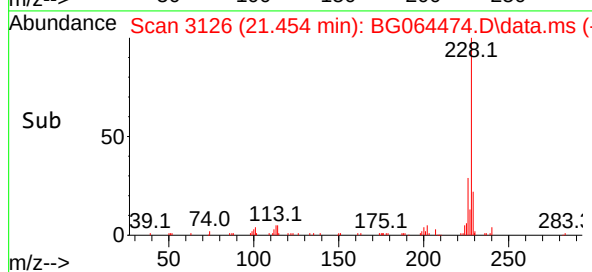
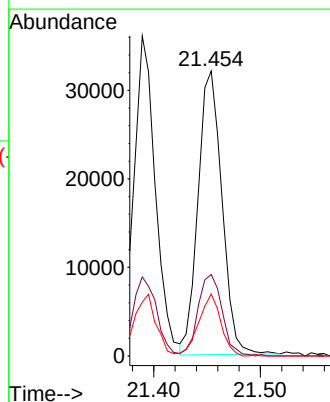
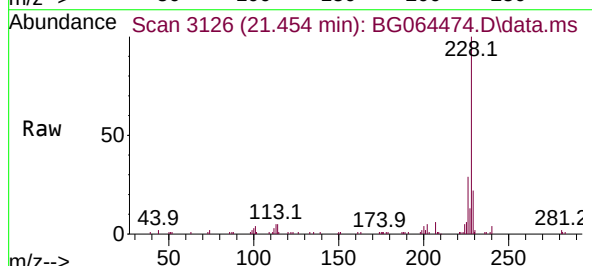
Manual Integrations
APPROVED

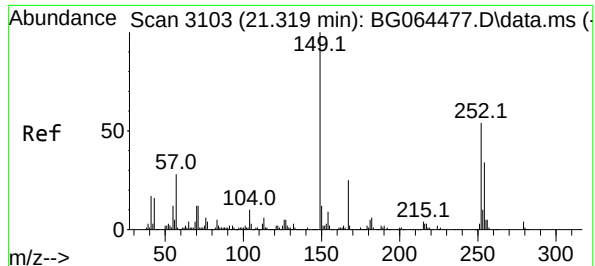
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#83
Chrysene
Concen: 5.060 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:228 Resp: 49843
Ion Ratio Lower Upper
228 100
226 28.6 22.8 34.2
229 21.7 15.4 23.0





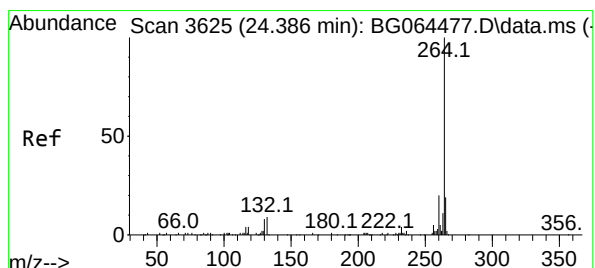
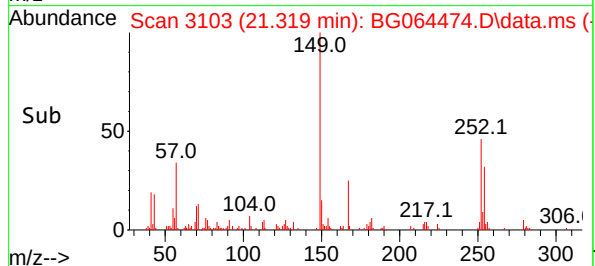
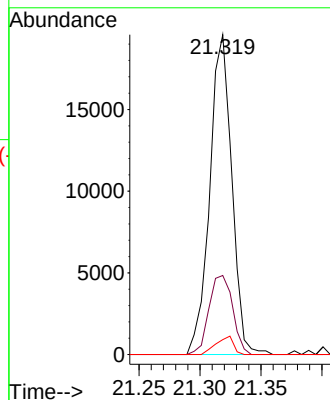
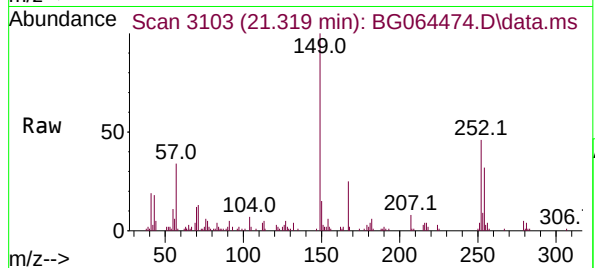
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.662 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 24616
Ion Ratio Lower Upper
149 100
167 24.7 19.7 29.5
279 4.7 3.4 5.2

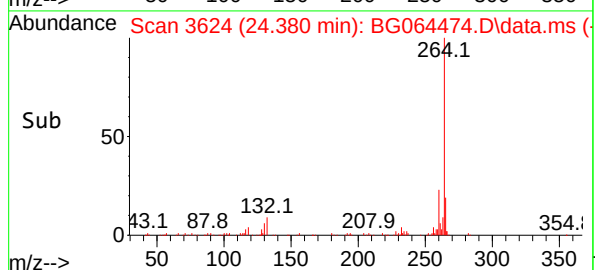
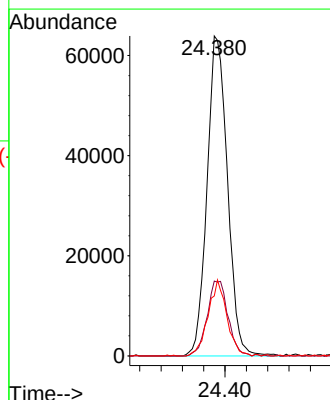
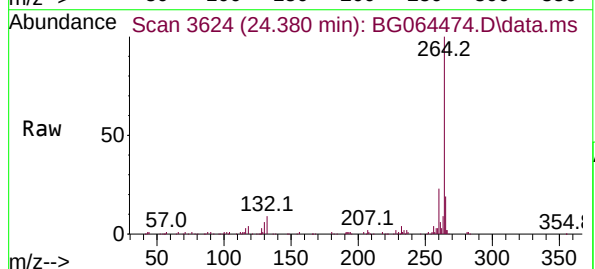
Manual Integrations
APPROVED

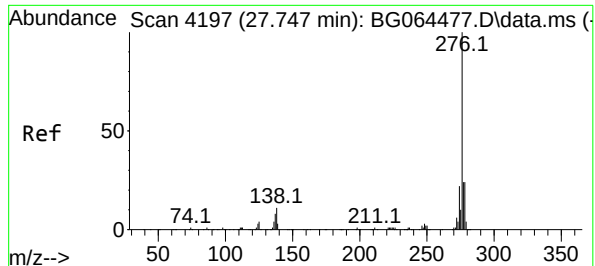
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:264 Resp: 169977
Ion Ratio Lower Upper
264 100
260 23.4 16.2 24.4
265 18.8 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.912 ng

RT: 27.723 min Scan# 4197

Delta R.T. -0.009 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

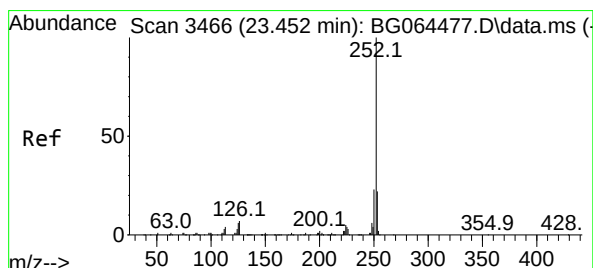
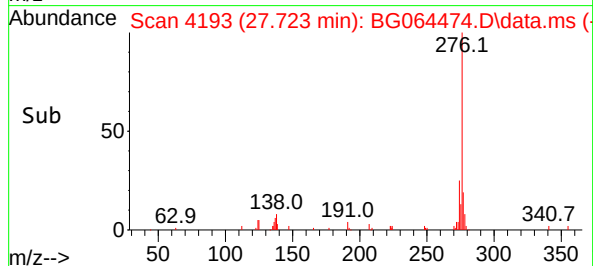
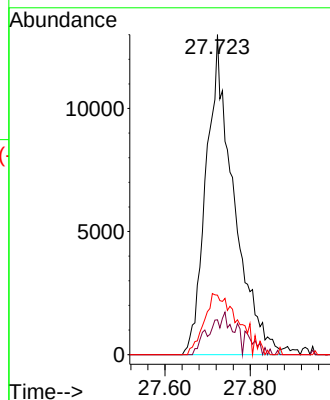
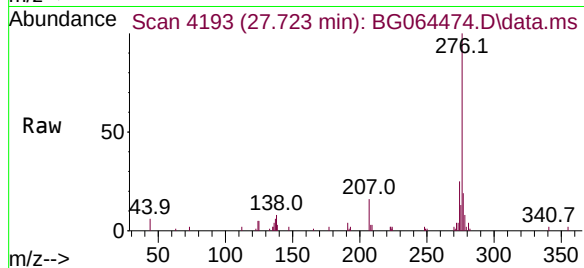
Tgt Ion:	276	Resp:	58114
Ion Ratio	Lower	Upper	
276	100		
138	3.5	10.8	16.2
277	23.6	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#88

Benzo(b)fluoranthene

Concen: 4.734 ng m

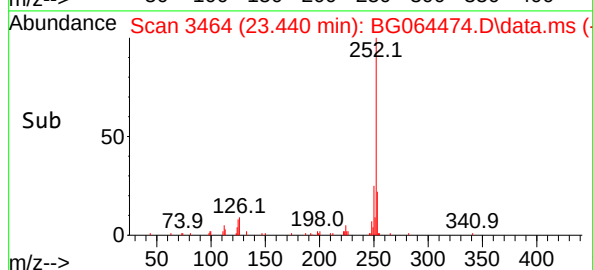
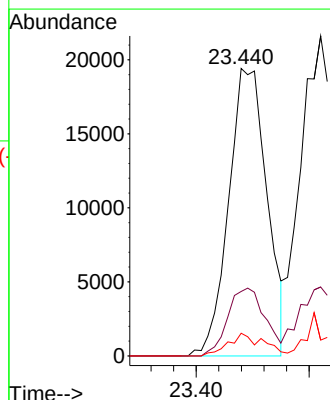
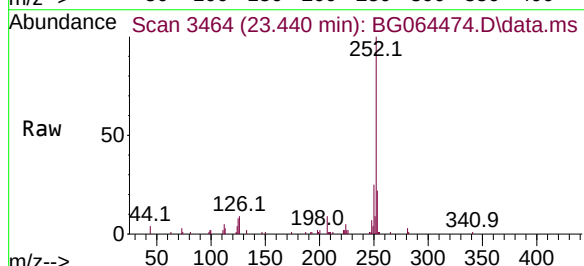
RT: 23.440 min Scan# 3464

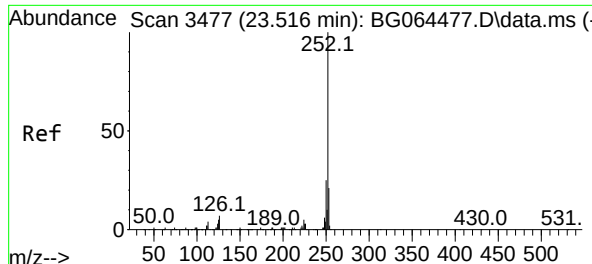
Delta R.T. -0.009 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Tgt Ion:	252	Resp:	45779
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	7.9	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 4.970 ng

RT: 23.510 min Scan# 3477

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA_G

ClientSampleId :

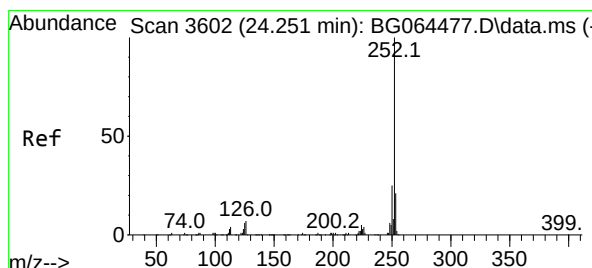
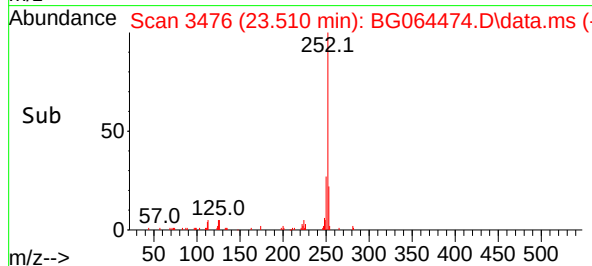
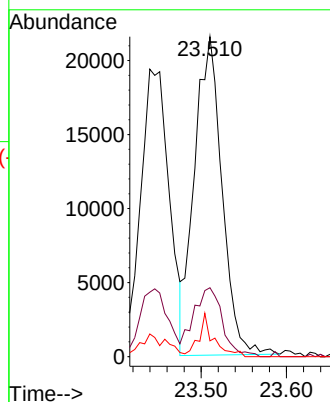
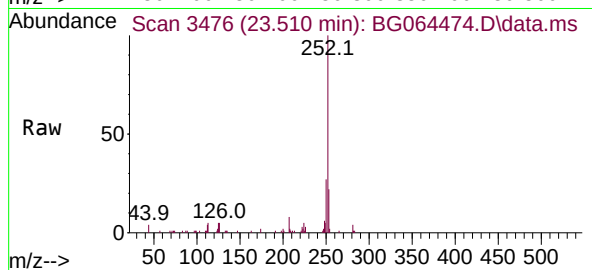
SSTDICC005

Tgt Ion:	252	Resp:	4840
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	4.9	4.0	6.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 4.849 ng

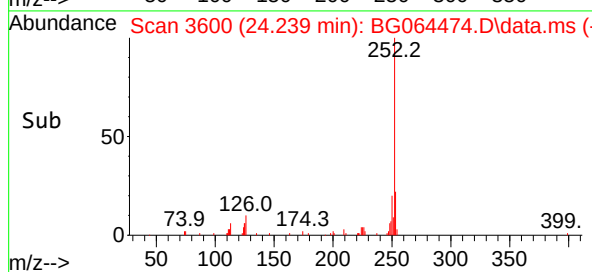
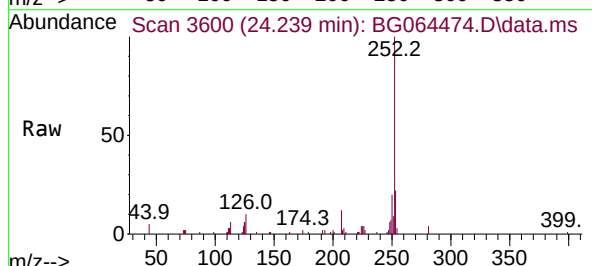
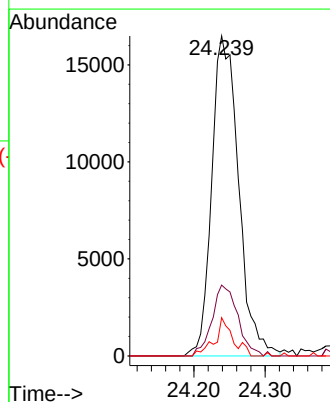
RT: 24.239 min Scan# 3600

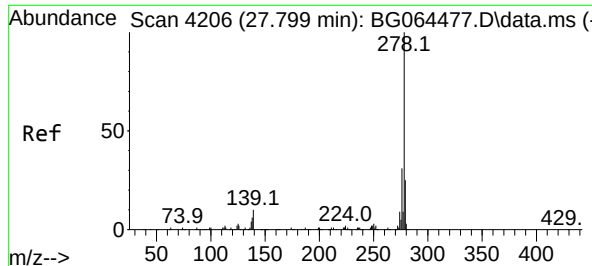
Delta R.T. -0.009 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

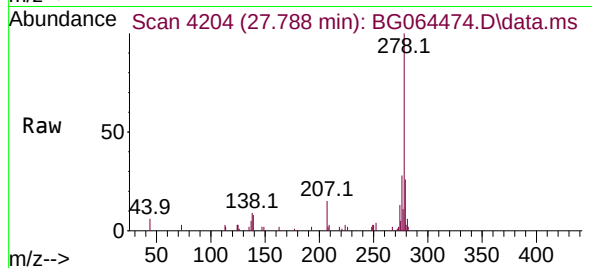
Tgt Ion:	252	Resp:	43216
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	11.9	4.6	6.8#





#91
Dibenzo(a,h)anthracene
Concen: 4.703 ng
RT: 27.788 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

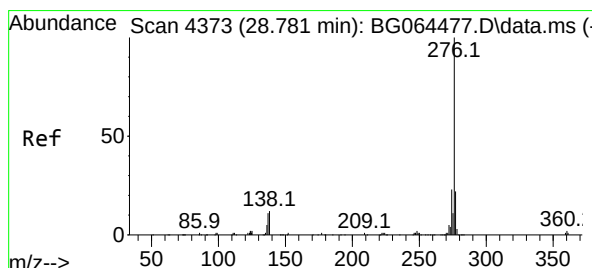
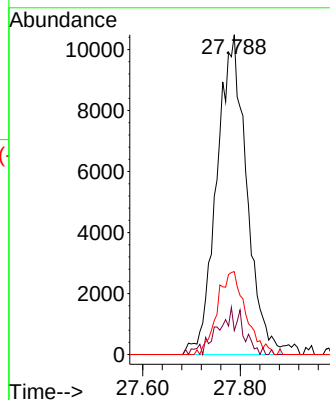
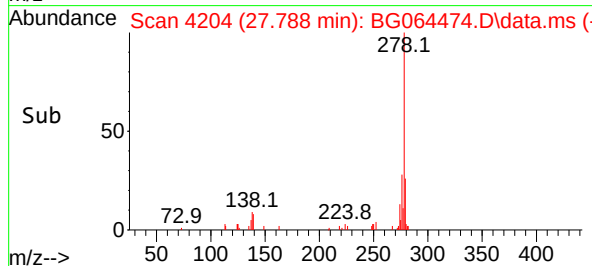
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:278 Resp: 4449
Ion Ratio Lower Upper
278 100
139 7.5 8.2 12.2
279 25.9 19.6 29.4

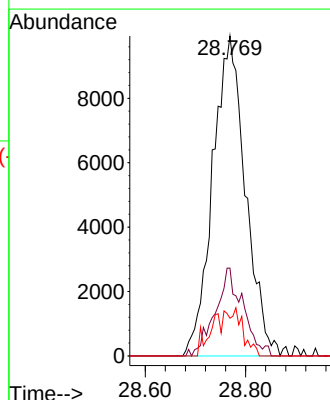
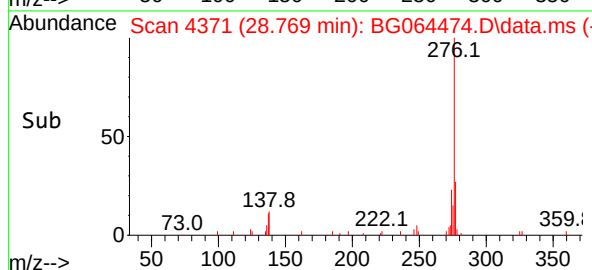
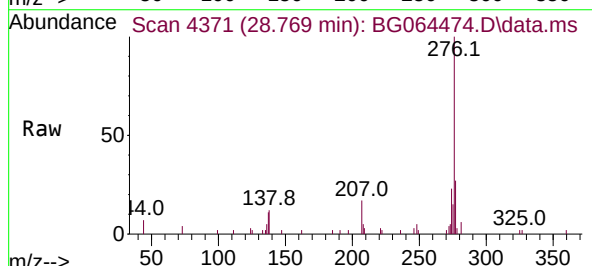
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 4.896 ng
RT: 28.769 min Scan# 4371
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:276 Resp: 45019
Ion Ratio Lower Upper
276 100
277 27.4 17.8 26.6
138 11.8 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064476.D
 Acq On : 2 Oct 2025 11:33
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	19357	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	83888	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	65289	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	165571	20.000	ng	0.00
76) Chrysene-d12	21.413	240	165934	20.000	ng	0.00
86) Perylene-d12	24.392	264	174482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	40783	38.992	ng	0.00
7) Phenol-d6	6.995	99	55968	39.819	ng	0.00
23) Nitrobenzene-d5	8.975	82	63357	40.610	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	47936	40.505	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	175754	39.679	ng	0.00
79) Terphenyl-d14	19.803	244	354811	40.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	8654	20.918	ng	88
3) Pyridine	3.716	79	22205	19.971	ng	94
4) n-Nitrosodimethylamine	3.634	42	15299	18.981	ng	# 92
6) Aniline	7.147	93	35362	19.945	ng	95
8) 2-Chlorophenol	7.388	128	25393	19.771	ng	94
9) Benzaldehyde	6.959	77	20107m	16.115	ng	
10) Phenol	7.018	94	29612	19.971	ng	96
11) bis(2-Chloroethyl)ether	7.247	93	19393	19.313	ng	87
12) 1,3-Dichlorobenzene	7.711	146	27013	19.226	ng	92
13) 1,4-Dichlorobenzene	7.858	146	28112	19.936	ng	90
14) 1,2-Dichlorobenzene	8.170	146	27767	19.980	ng	96
15) Benzyl Alcohol	8.058	79	25165	19.441	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.340	45	32082	19.821	ng	99
17) 2-Methylphenol	8.264	107	21032	19.589	ng	91
18) Hexachloroethane	8.904	117	10342	18.581	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	19471	20.713	ng	93
20) 3+4-Methylphenols	8.593	107	29225	19.505	ng	94
22) Acetophenone	8.640	105	39987	19.687	ng	# 91
24) Nitrobenzene	9.016	77	29530	18.981	ng	96
25) Isophorone	9.539	82	56538	20.004	ng	98
26) 2-Nitrophenol	9.727	139	15208	19.641	ng	86
27) 2,4-Dimethylphenol	9.786	122	23391	19.778	ng	91
28) bis(2-Chloroethoxy)met...	10.021	93	30279	21.017	ng	# 92
29) 2,4-Dichlorophenol	10.261	162	26929	19.691	ng	97
30) 1,2,4-Trichlorobenzene	10.473	180	30204	20.255	ng	99
31) Naphthalene	10.661	128	84975	19.671	ng	98
32) Benzoic acid	9.909	122	16621m	18.305	ng	
33) 4-Chloroaniline	10.773	127	31287	18.874	ng	95
34) Hexachlorobutadiene	10.949	225	25803	20.205	ng	92
35) Caprolactam	11.525	113	10044	21.453	ng	# 83
36) 4-Chloro-3-methylphenol	11.895	107	32921	19.795	ng	# 89
37) 2-Methylnaphthalene	12.271	142	66302	19.995	ng	92
38) 1-Methylnaphthalene	12.488	142	65599m	19.840	ng	
40) 1,2,4,5-Tetrachloroben...	12.641	216	40584	19.252	ng	98
41) Hexachlorocyclopentadiene	12.623	237	19309	17.510	ng	90
43) 2,4,6-Trichlorophenol	12.876	196	25830	19.167	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064476.D
 Acq On : 2 Oct 2025 11:33
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

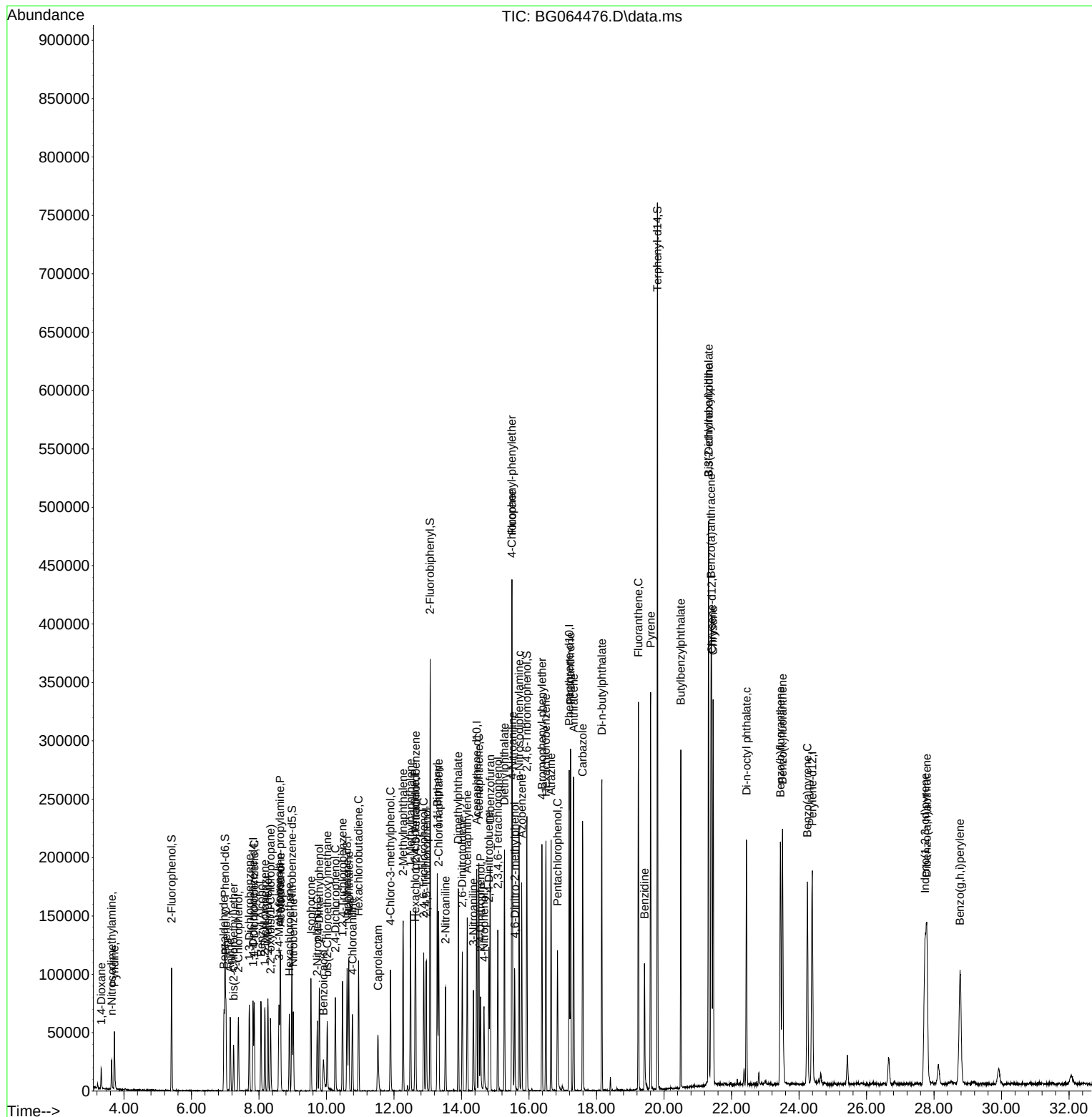
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	28101	18.678	ng	89
46) 1,1'-Biphenyl	13.281	154	92485	19.695	ng	99
47) 2-Chloronaphthalene	13.323	162	68272	19.473	ng	98
48) 2-Nitroaniline	13.522	65	24212	20.234	ng	91
49) Acenaphthylene	14.169	152	102668	19.727	ng	98
50) Dimethylphthalate	13.904	163	103311	20.204	ng	96
51) 2,6-Dinitrotoluene	14.022	165	21899	20.559	ng	93
52) Acenaphthene	14.515	154	70884	19.604	ng	100
53) 3-Nitroaniline	14.351	138	19604	19.956	ng	94
54) 2,4-Dinitrophenol	14.562	184	17644	22.843	ng #	77
55) Dibenzofuran	14.850	168	117496	19.680	ng	100
56) 4-Nitrophenol	14.668	139	14837	19.183	ng	90
57) 2,4-Dinitrotoluene	14.809	165	31862	19.567	ng	97
58) Fluorene	15.496	166	100209	20.190	ng #	97
59) 2,3,4,6-Tetrachlorophenol	15.079	232	31023	20.205	ng #	97
60) Diethylphthalate	15.273	149	109604	19.981	ng	97
61) 4-Chlorophenyl-phenyle...	15.491	204	54751	20.205	ng	92
62) 4-Nitroaniline	15.508	138	21595	21.091	ng #	88
63) Azobenzene	15.784	77	86539	20.370	ng	96
65) 4,6-Dinitro-2-methylph...	15.579	198	22989	19.942	ng	92
66) n-Nitrosodiphenylamine	15.708	169	88367	19.986	ng	94
67) 4-Bromophenyl-phenylether	16.384	248	37623	19.310	ng	94
68) Hexachlorobenzene	16.501	284	45002	20.185	ng	99
69) Atrazine	16.654	200	40855	20.769	ng	98
70) Pentachlorophenol	16.842	266	24237	18.593	ng	93
71) Phenanthrene	17.230	178	174598	20.165	ng	98
72) Anthracene	17.324	178	172893	19.904	ng	97
73) Carbazole	17.588	167	149710	19.939	ng	97
74) Di-n-butylphthalate	18.158	149	182903	19.955	ng	99
75) Fluoranthene	19.239	202	210637	20.363	ng	98
77) Benzidine	19.421	184	70399	17.050	ng	99
78) Pyrene	19.603	202	218448	20.286	ng	97
80) Butylbenzylphthalate	20.496	149	77010	20.174	ng	96
81) Benzo(a)anthracene	21.395	228	213165	20.119	ng	98
82) 3,3'-Dichlorobenzidine	21.319	252	71567	19.958	ng	99
83) Chrysene	21.454	228	198263	19.732	ng	96
84) Bis(2-ethylhexyl)phtha...	21.319	149	106271	19.731	ng	98
85) Di-n-octyl phthalate	22.441	149	174229	19.247	ng	99
87) Indeno(1,2,3-cd)pyrene	27.735	276	240423	19.796	ng	99
88) Benzo(b)fluoranthene	23.446	252	204393	20.591	ng	98
89) Benzo(k)fluoranthene	23.511	252	199853	19.991	ng	98
90) Benzo(a)pyrene	24.245	252	184712	20.191	ng	98
91) Dibenzo(a,h)anthracene	27.782	278	195555	20.134	ng #	96
92) Benzo(g,h,i)perylene	28.769	276	189789	20.108	ng #	95

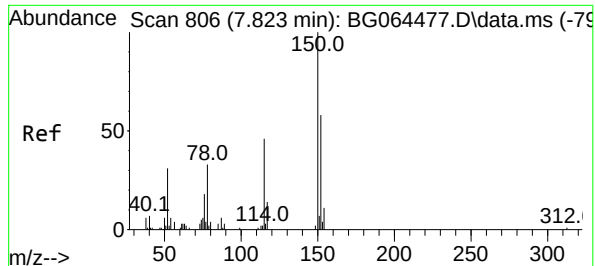
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

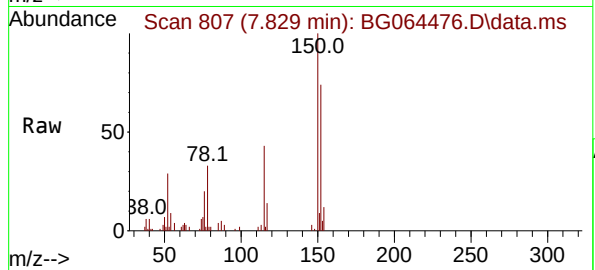
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jaagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.829 min Scan# 80
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

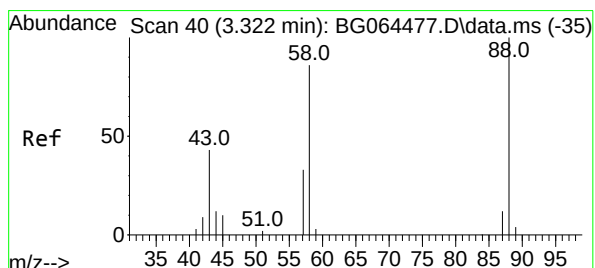
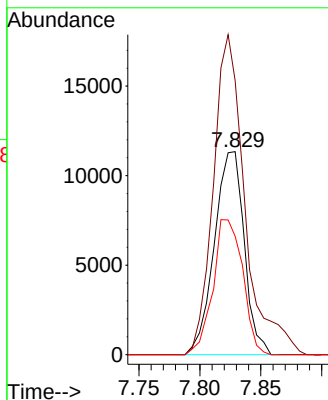
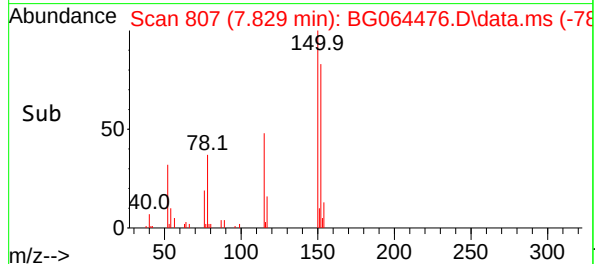
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 1935
Ion Ratio Lower Upper
152 100
150 134.9 138.6 207.8
115 58.4 63.4 95.2

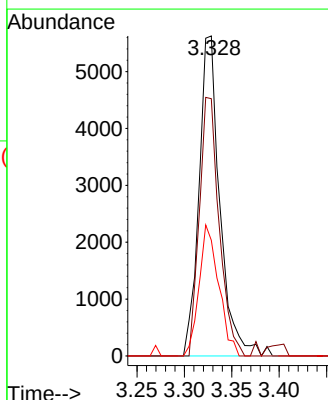
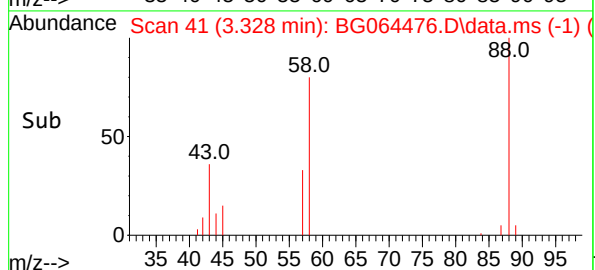
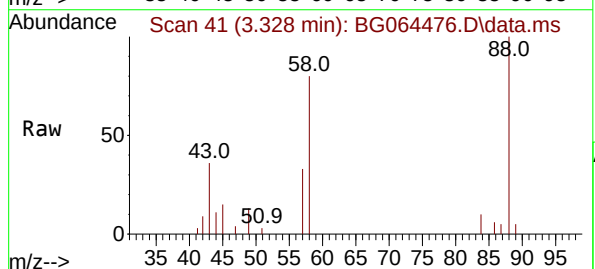
Manual Integrations
APPROVED

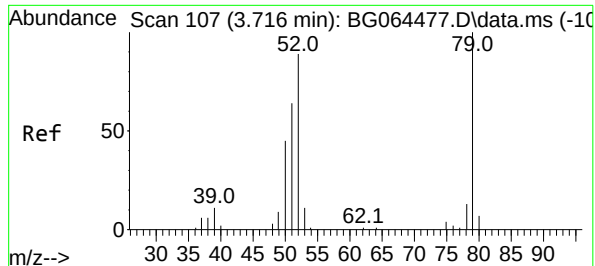
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 20.918 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

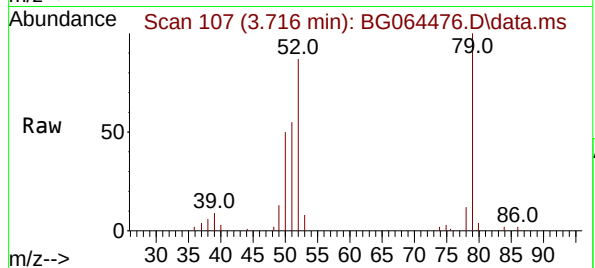
Tgt Ion: 88 Resp: 8654
Ion Ratio Lower Upper
88 100
58 76.5 69.8 104.6
43 38.5 37.4 56.0





#3
Pyridine
Concen: 19.971 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

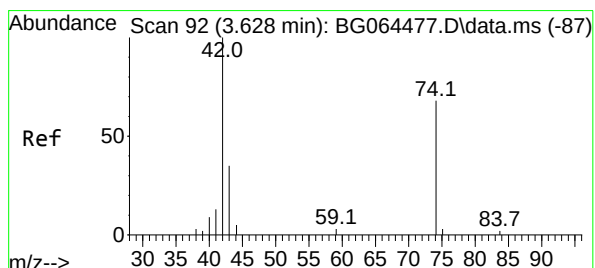
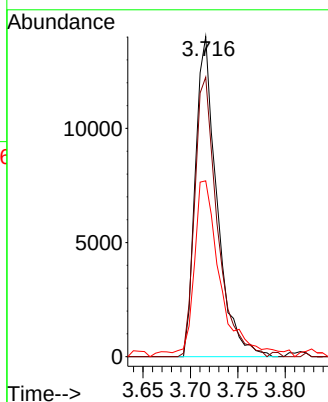
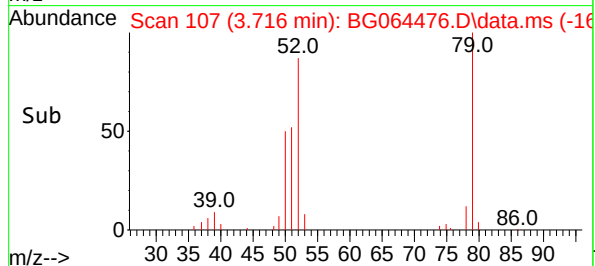
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



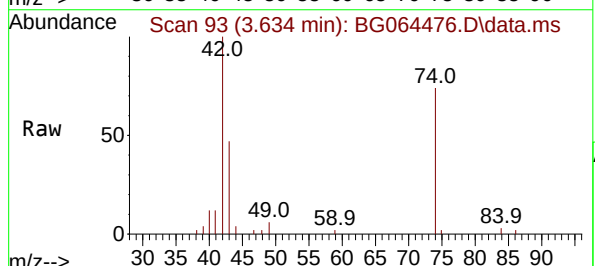
Tgt Ion: 79 Resp: 2220
Ion Ratio Lower Upper
79 100
52 87.3 71.0 106.4
51 54.9 51.0 76.6

Manual Integrations
APPROVED

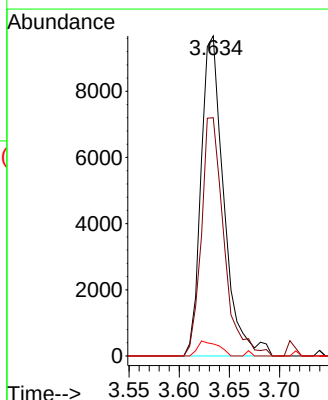
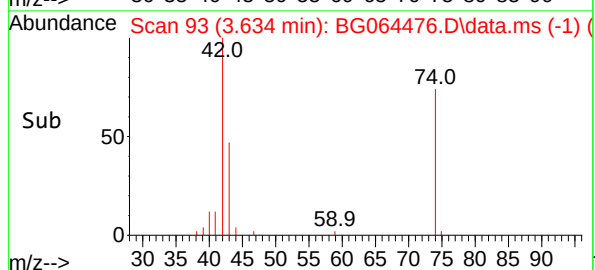
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025

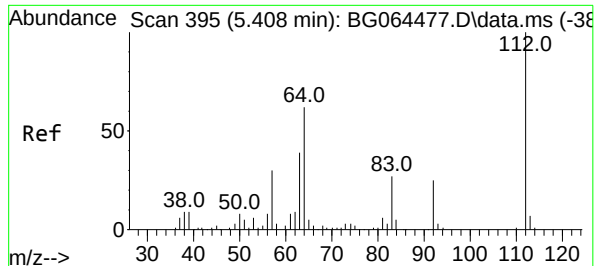


#4
n-Nitrosodimethylamine
Concen: 18.981 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



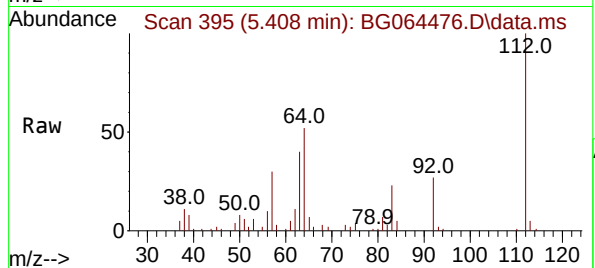
Tgt Ion: 42 Resp: 15299
Ion Ratio Lower Upper
42 100
74 74.5 54.2 81.4
44 3.7 4.2 6.2#





#5
2-Fluorophenol
Concen: 38.992 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
Client SampleId :
SSTDICC020



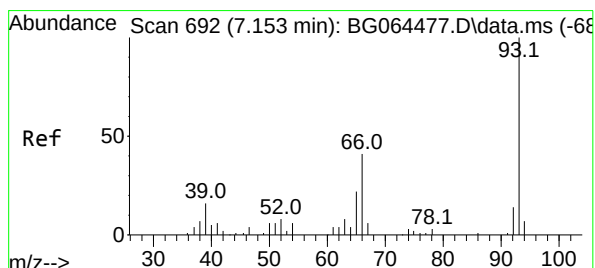
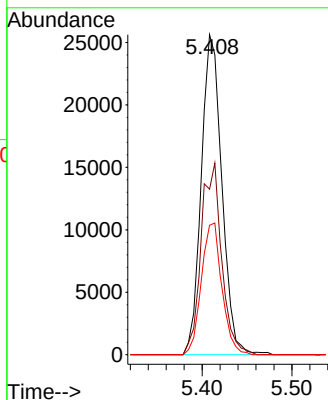
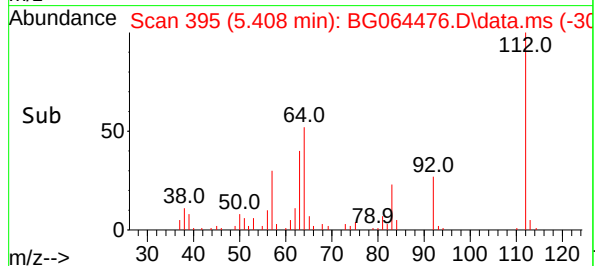
Tgt Ion: 112 Resp: 4078
Ion Ratio Lower Upper
112 100
64 51.7 49.8 74.8
63 40.4 31.3 46.9

Manual Integrations
APPROVED

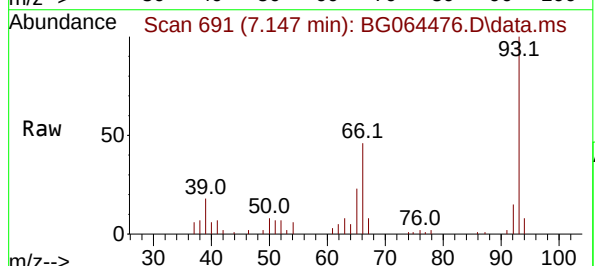
Reviewed By :Rahul
Chavli

10/03/2025

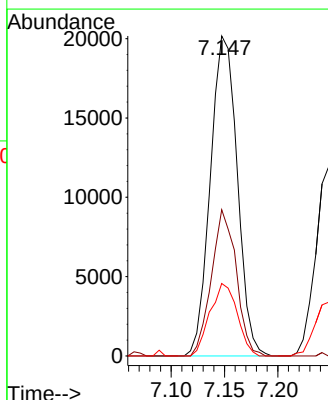
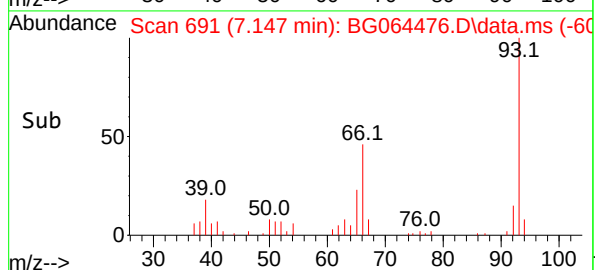
Supervised By :Jagrut
Upadhyay
10/03/2025

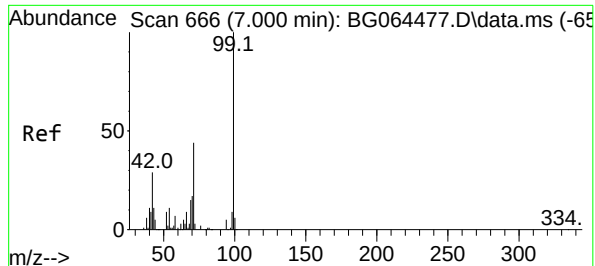


#6
Aniline
Concen: 19.945 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



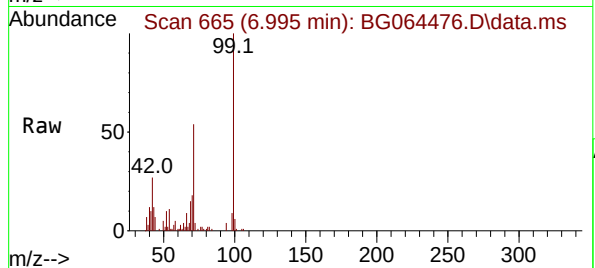
Tgt Ion: 93 Resp: 35362
Ion Ratio Lower Upper
93 100
66 45.7 33.0 49.4
65 22.7 17.5 26.3





#7
Phenol-d6
Concen: 39.819 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

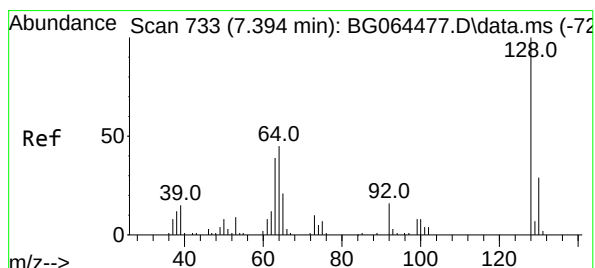
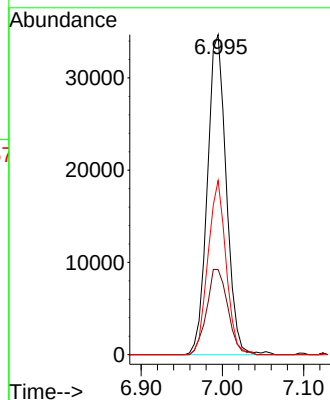
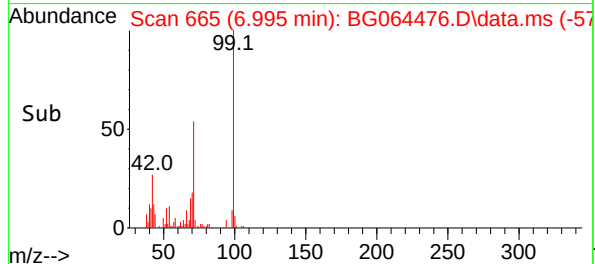


Tgt Ion: 99 Resp: 5596
Ion Ratio Lower Upper
99 100
42 26.6 22.9 34.3
71 54.5 35.4 53.2

Manual Integrations
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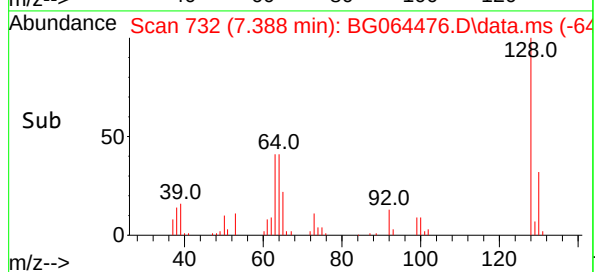
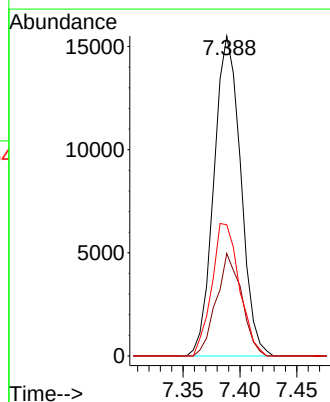
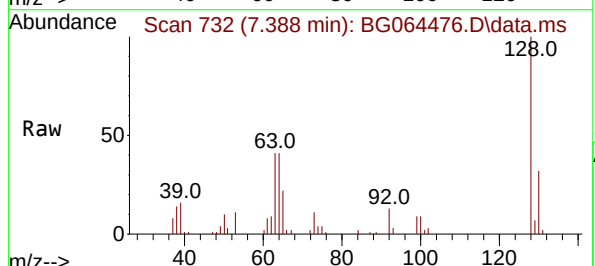
Reviewed By :Rahul
Chavli
10/03/2025

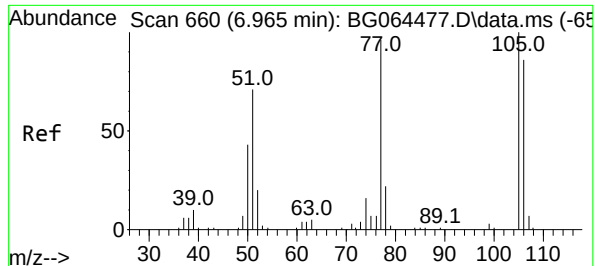
Supervised By :Jagrut
Upadhyay
10/03/2025



#8
2-Chlorophenol
Concen: 19.771 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

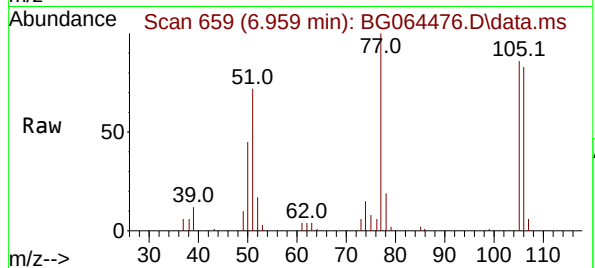
Tgt Ion:128 Resp: 25393
Ion Ratio Lower Upper
128 100
130 32.0 9.2 49.2
64 41.0 25.5 65.5





#9
Benzaldehyde
Concen: 16.115 ng m
RT: 6.959 min Scan# 660
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

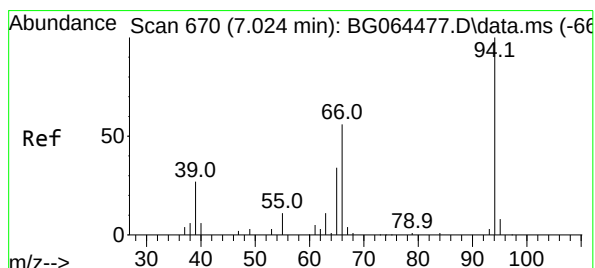
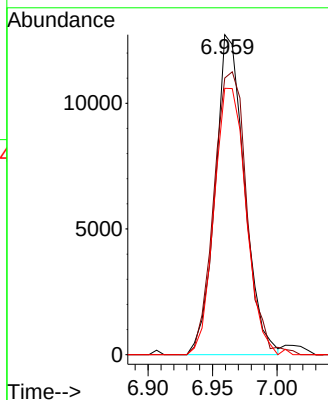
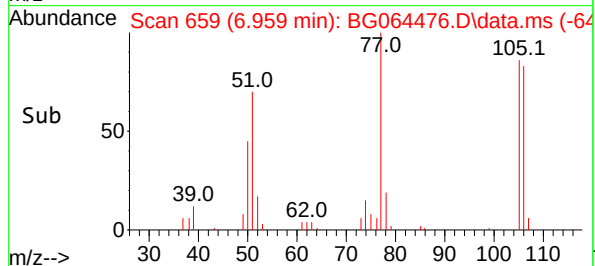
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 2010
Ion Ratio Lower Upper
77 100
105 86.5 83.7 123.7
106 83.3 69.4 109.4

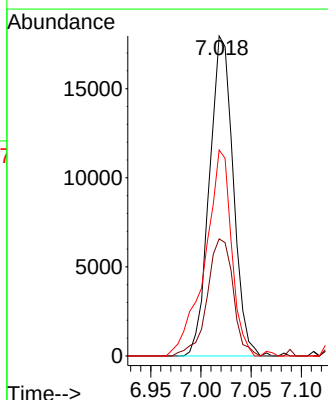
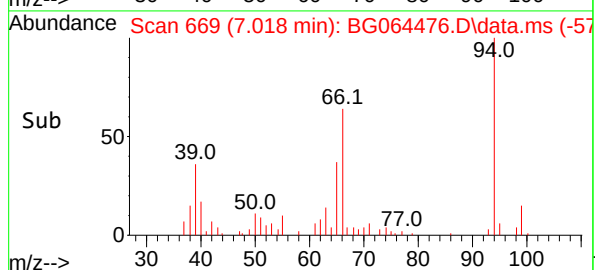
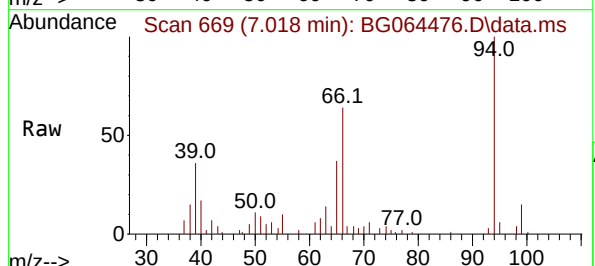
Manual Integrations
APPROVED

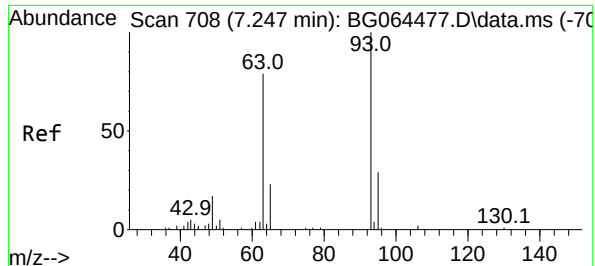
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#10
Phenol
Concen: 19.971 ng
RT: 7.018 min Scan# 669
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 94 Resp: 29612
Ion Ratio Lower Upper
94 100
65 36.6 14.8 54.8
66 64.3 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 19.313 ng

RT: 7.247 min Scan# 708

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 93	Resp: 1939
Ion Ratio	Lower Upper
93	100
63	92.5 59.5 99.5
95	32.9 8.8 48.8

Manual Integrations
APPROVED

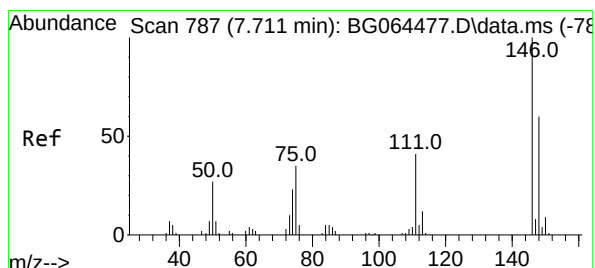
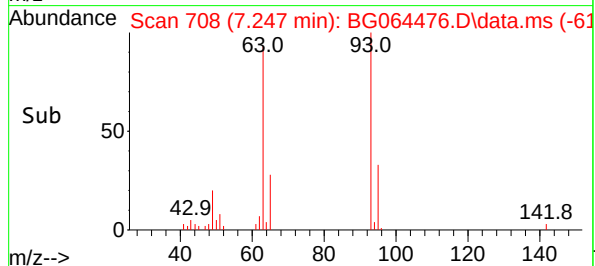
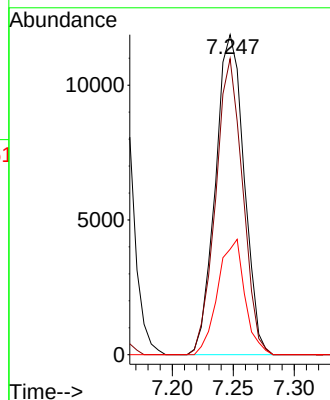
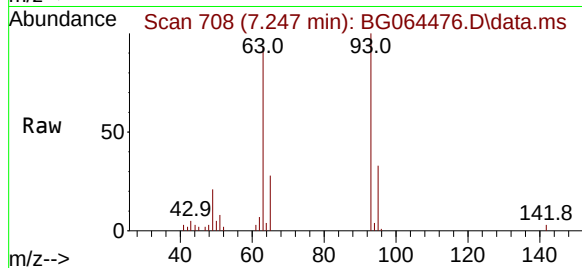
Reviewed By :Rahul
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#12

1,3-Dichlorobenzene

Concen: 19.226 ng

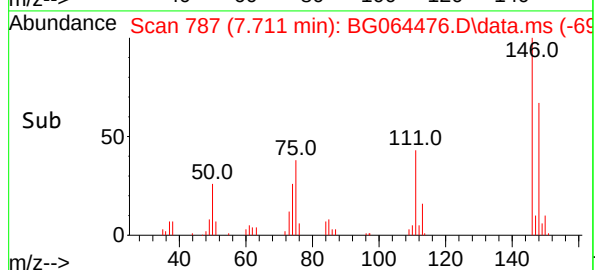
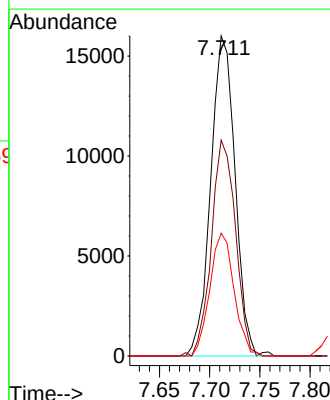
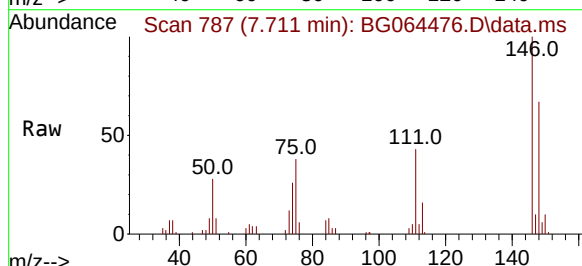
RT: 7.711 min Scan# 787

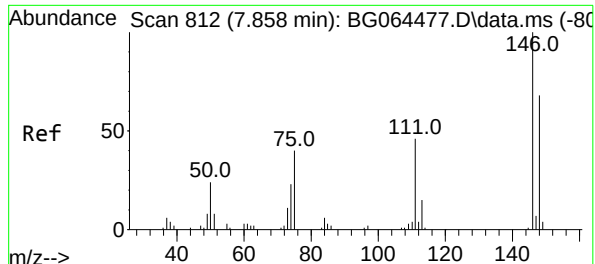
Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:146	Resp: 27013
Ion Ratio	Lower Upper
146	100
148	67.4 48.4 72.6
75	38.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 19.936 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:146 Resp: 2811

Ion Ratio Lower Upper

146 100

148 56.7 54.4 81.6

111 42.7 36.5 54.7

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul

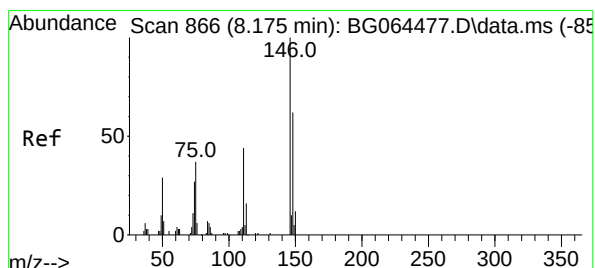
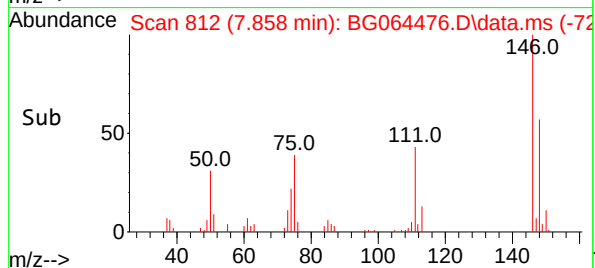
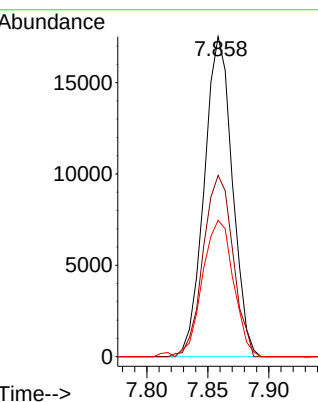
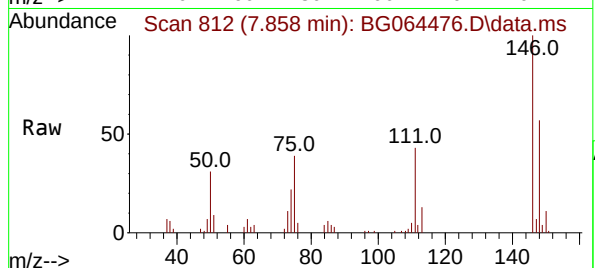
Chavli

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#14

1,2-Dichlorobenzene

Concen: 19.980 ng

RT: 8.170 min Scan# 865

Delta R.T. -0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

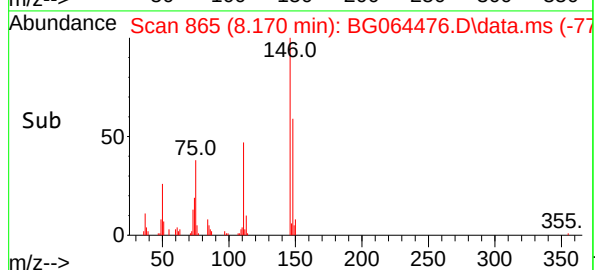
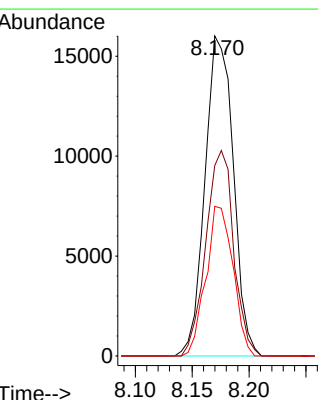
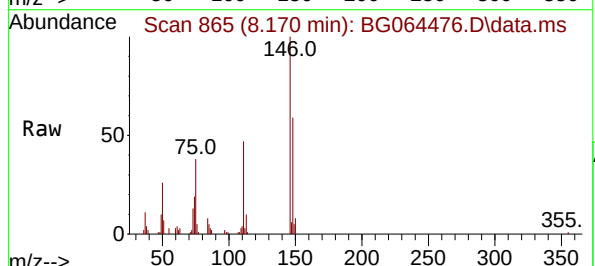
Tgt Ion:146 Resp: 27767

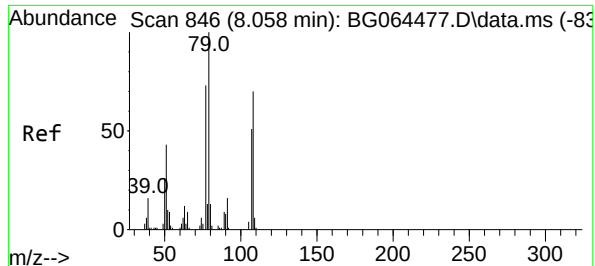
Ion Ratio Lower Upper

146 100

148 59.5 50.0 75.0

111 46.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 19.441 ng

RT: 8.058 min Scan# 846

Delta R.T. 0.003 min

Lab File: BG064476.D

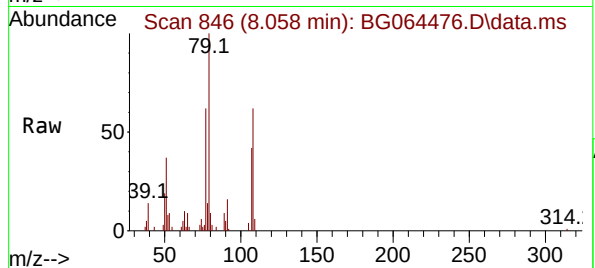
Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 2516

Ion Ratio Lower Upper

79 100

108 62.0 56.4 84.6

77 62.4 58.3 87.5

Manual Integrations

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Reviewed By :Rahul

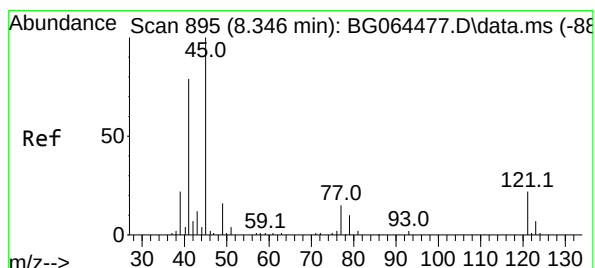
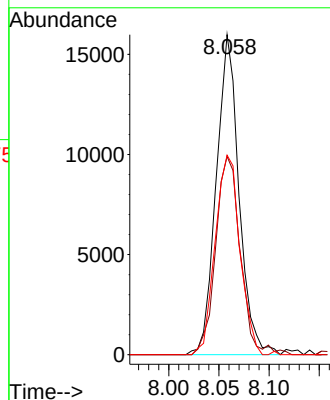
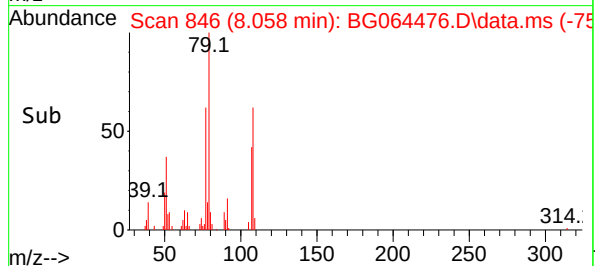
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.821 ng

RT: 8.340 min Scan# 894

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

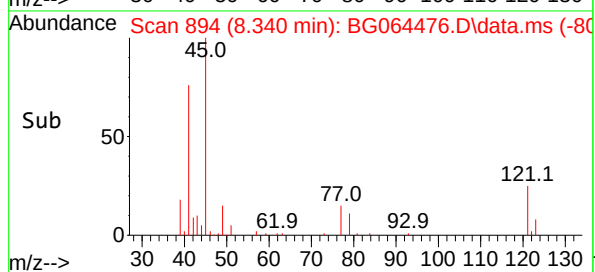
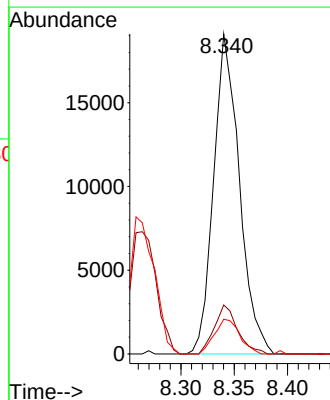
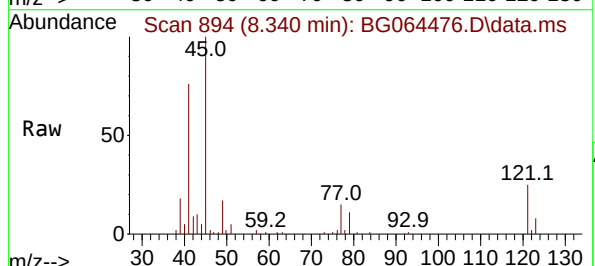
Tgt Ion: 45 Resp: 32082

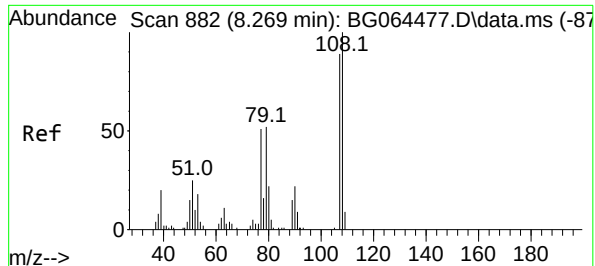
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.6

79 10.9 0.0 30.7





#17

2-Methylphenol

Concen: 19.589 ng

RT: 8.264 min Scan# 881

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 2103

Ion Ratio Lower Upper

107 100

108 122.8 90.3 135.5

77 61.9 46.0 69.0

79 66.5 46.6 69.8

Manual Integrations

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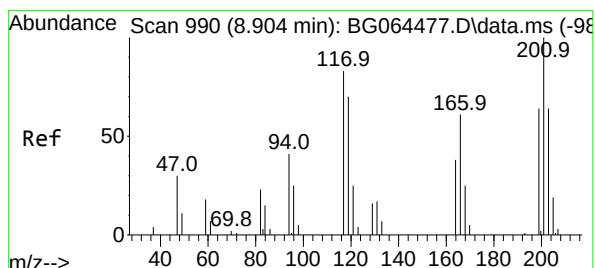
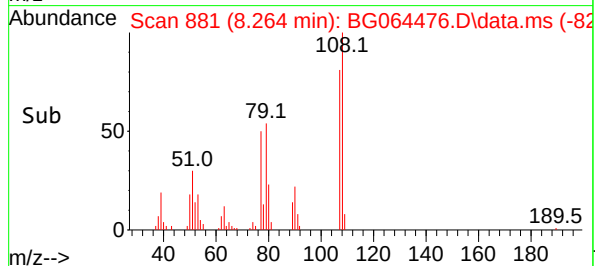
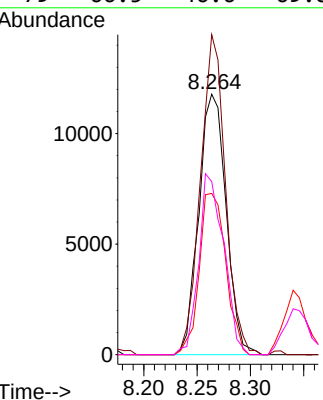
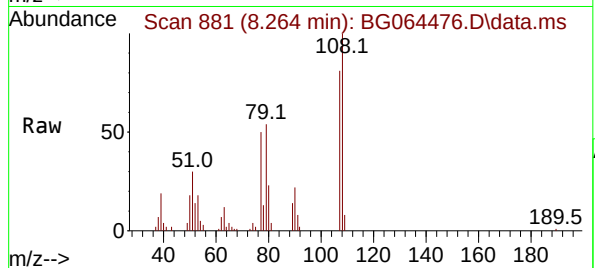
Chavli

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10/03/2025



#18

Hexachloroethane

Concen: 18.581 ng

RT: 8.904 min Scan# 990

Delta R.T. 0.009 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

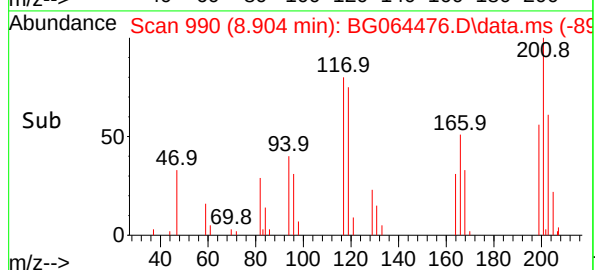
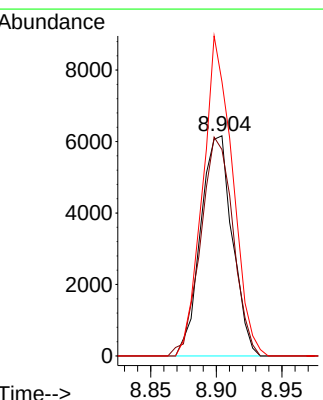
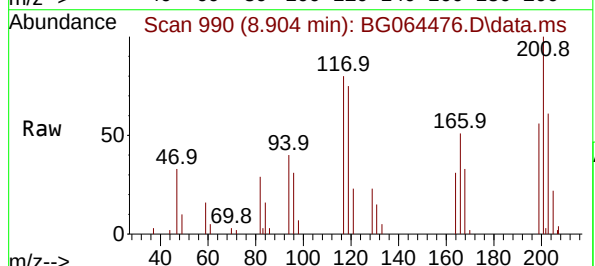
Tgt Ion:117 Resp: 10342

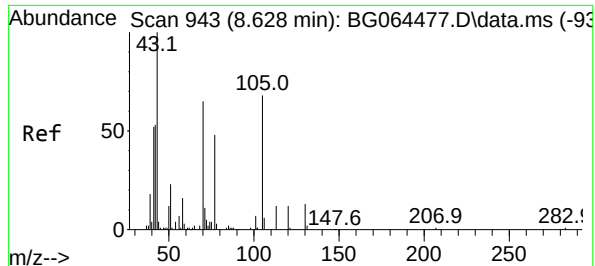
Ion Ratio Lower Upper

117 100

119 93.7 67.4 101.0

201 124.6 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.713 ng

RT: 8.622 min Scan# 943

Delta R.T. 0.009 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 1947

Ion Ratio Lower Upper

70 100

42 73.2 64.9 97.3

101 9.2 8.7 13.1

130 19.3 15.8 23.8

Manual Integrations

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Reviewed By :Rahul

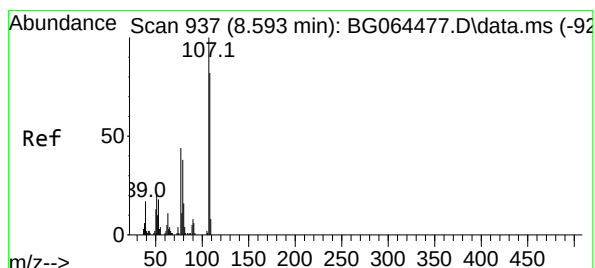
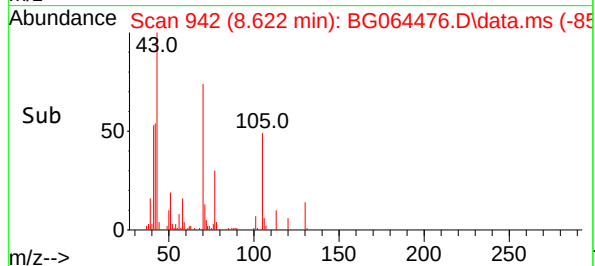
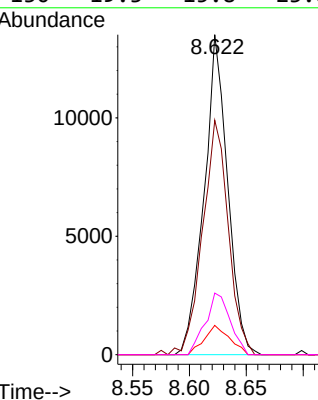
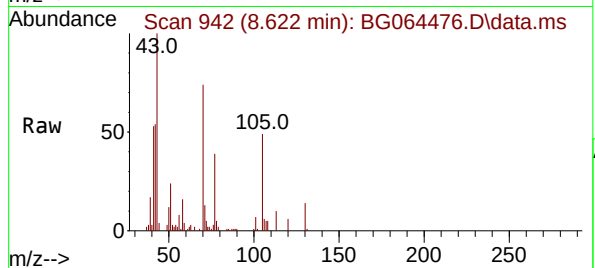
Chavli

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Supervised By :Jagrut

Upadhyay

10/03/2025



#20

3+4-Methylphenols

Concen: 19.505 ng

RT: 8.593 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:107 Resp: 29225

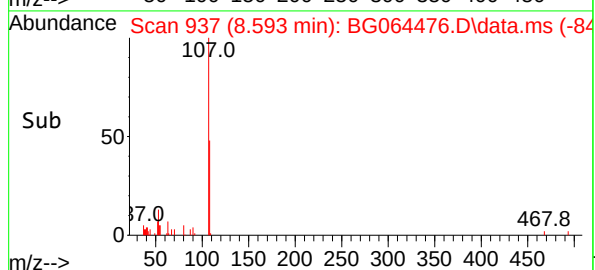
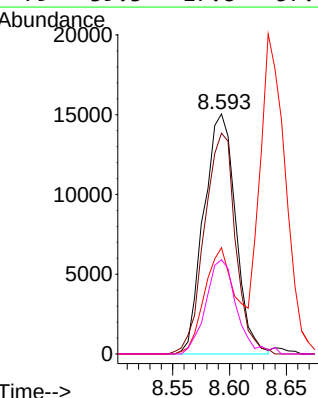
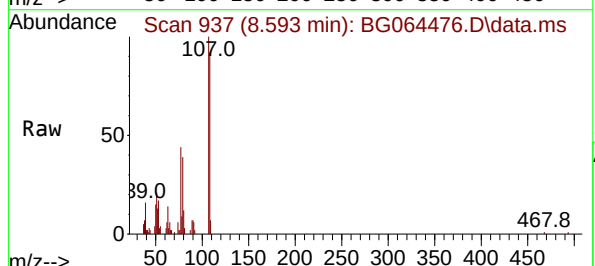
Ion Ratio Lower Upper

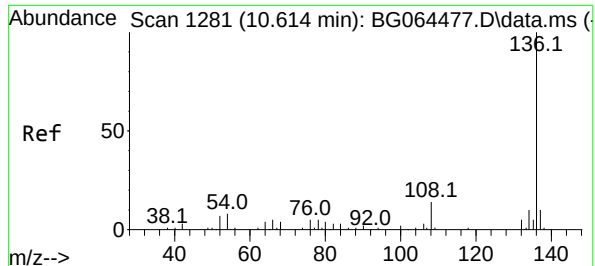
107 100

108 92.0 62.1 102.1

77 44.3 23.5 63.5

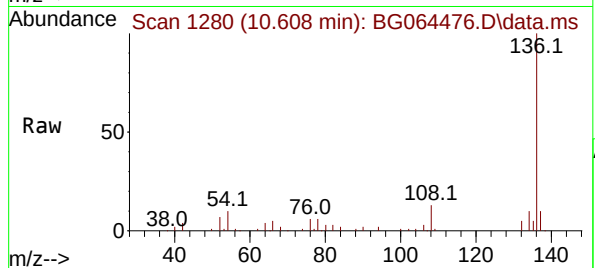
79 39.3 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

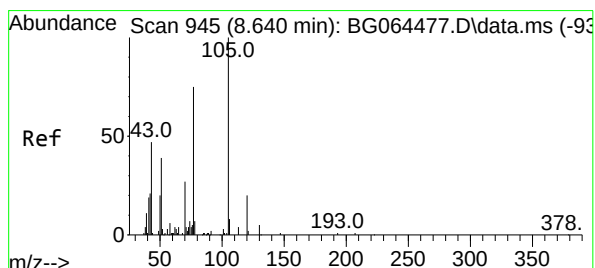
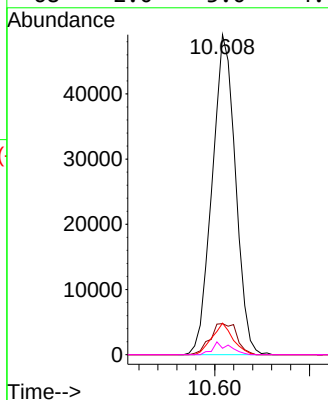
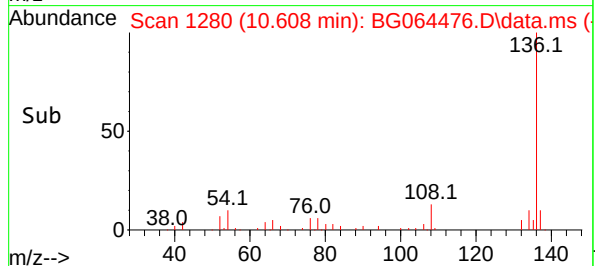
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 8388
Ion Ratio Lower Upper
136 100
137 9.7 8.3 12.5
54 9.8 6.2 9.4
68 2.0 3.0 4.4

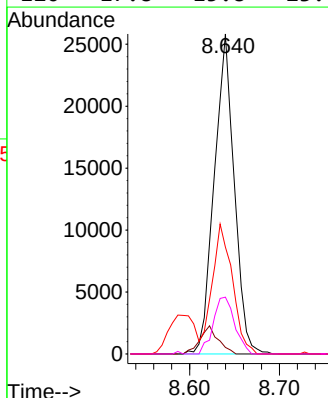
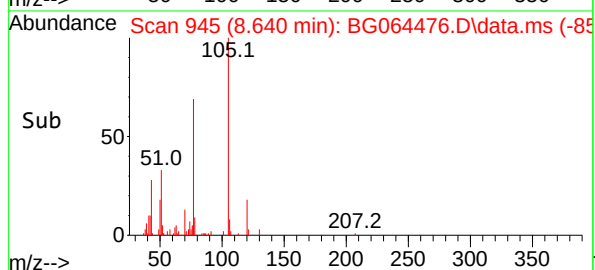
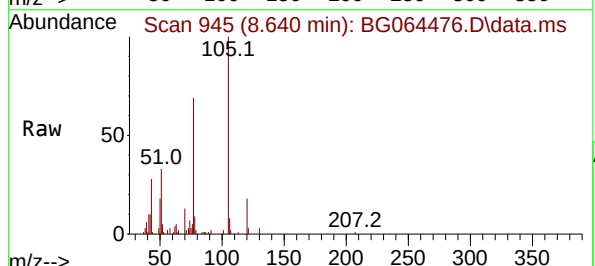
Manual Integrations
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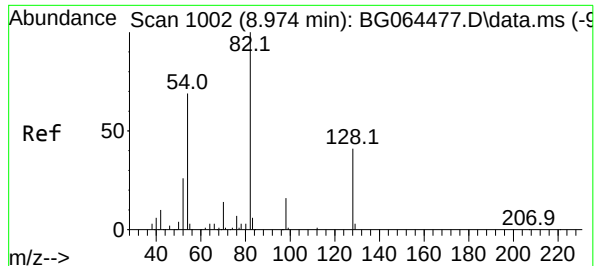
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#22
Acetophenone
Concen: 19.687 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:105 Resp: 39987
Ion Ratio Lower Upper
105 100
71 2.1 2.8 4.2#
51 33.4 33.0 49.4
120 17.8 15.8 23.6





#23

Nitrobenzene-d5

Concen: 40.610 ng

RT: 8.975 min Scan# 1002

Delta R.T. 0.009 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:	82	Resp:	6335
Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.1	49.7
54	66.0	55.4	83.2

Manual Integrations
APPROVED

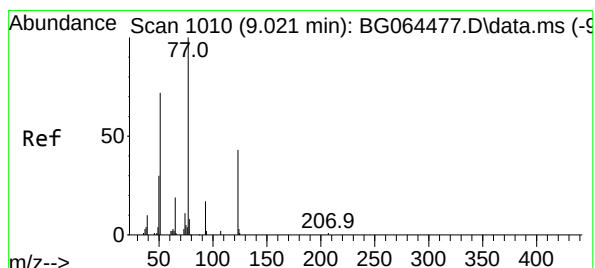
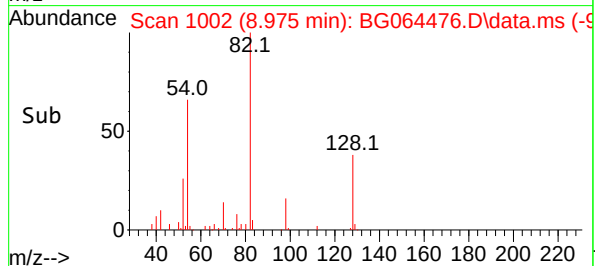
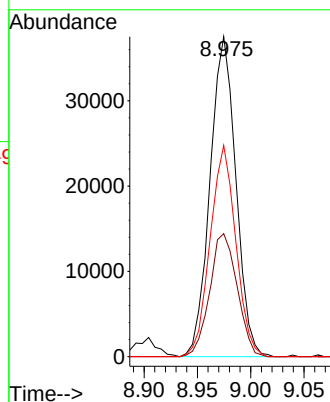
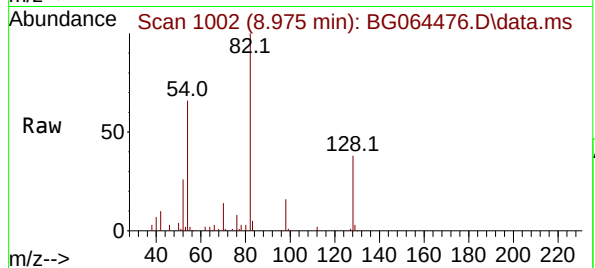
Reviewed By :Rahul
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#24

Nitrobenzene

Concen: 18.981 ng

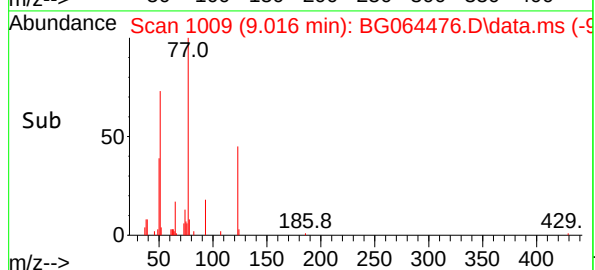
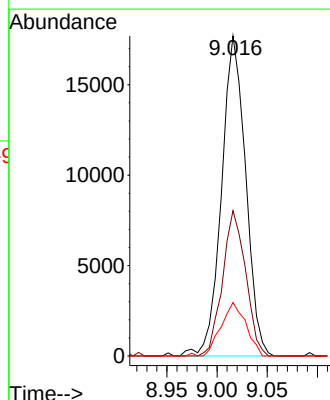
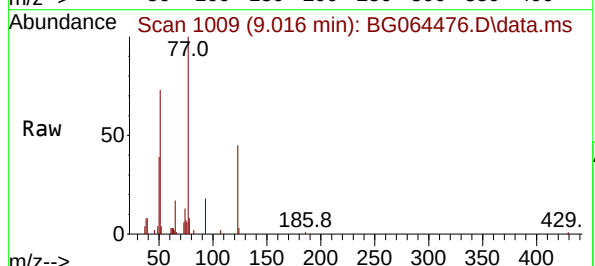
RT: 9.016 min Scan# 1009

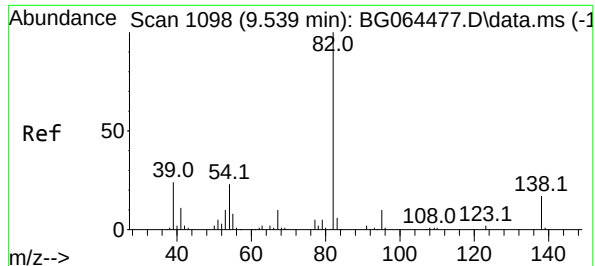
Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:	77	Resp:	29530
Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.4	51.6
65	16.7	14.8	22.2





#25

Isophorone

Concen: 20.004 ng

RT: 9.539 min Scan# 1098

Delta R.T. 0.008 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:	82	Resp:	5653
Ion	Ratio	Lower	Upper
82	100		
95	10.4	7.8	11.8
138	18.3	13.8	20.6

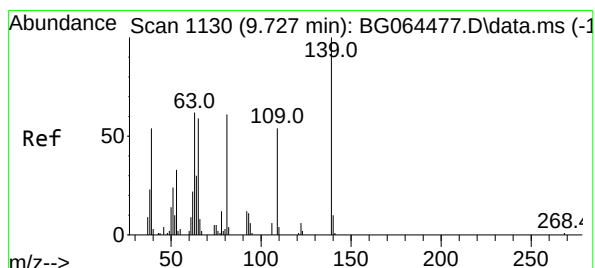
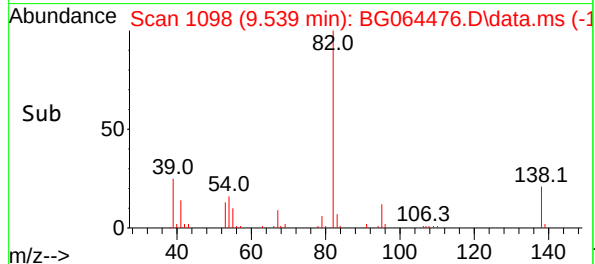
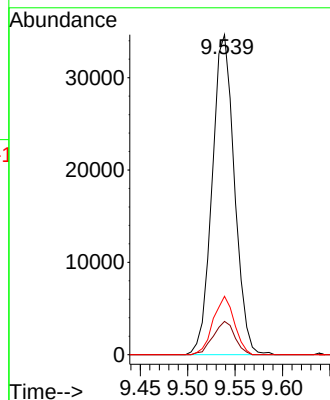
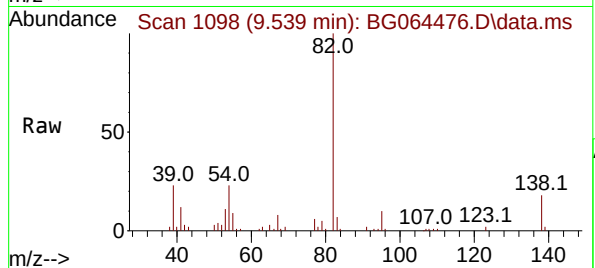
Manual Integrations
APPROVEDReviewed By :Rahul
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#26

2-Nitrophenol

Concen: 19.641 ng

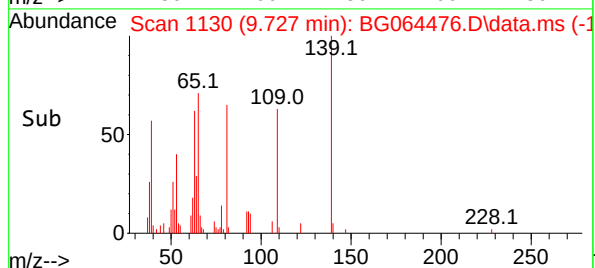
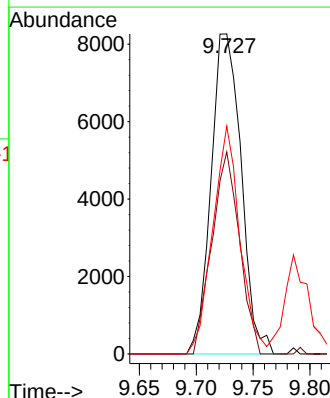
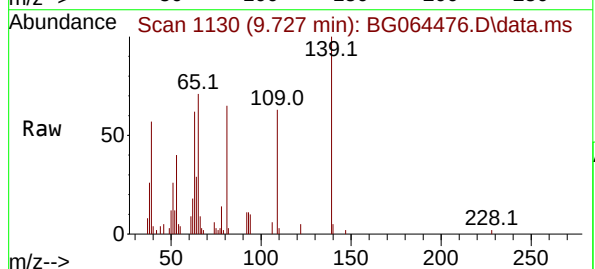
RT: 9.727 min Scan# 1130

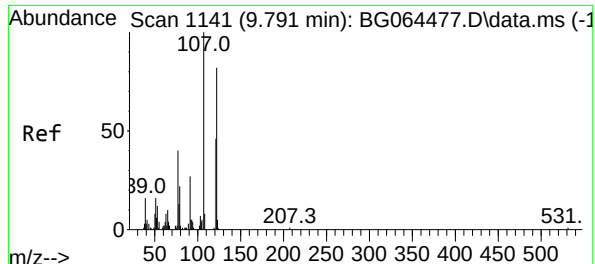
Delta R.T. 0.008 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:	139	Resp:	15208
Ion	Ratio	Lower	Upper
139	100		
109	63.2	43.0	64.6
65	71.2	47.4	71.2





#27

2,4-Dimethylphenol

Concen: 19.778 ng

RT: 9.786 min Scan# 1140

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tgt Ion:	122	Resp:	2339
Ion	Ratio	Lower	Upper
122	100		
107	135.4	98.3	147.5
121	52.5	44.7	67.1

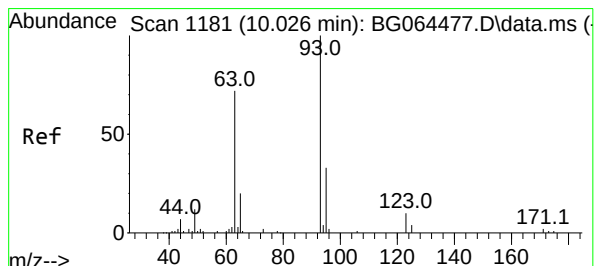
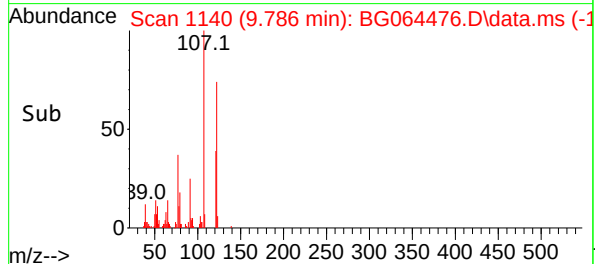
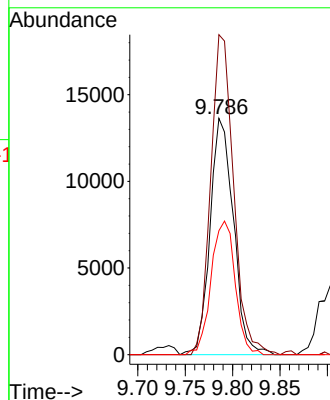
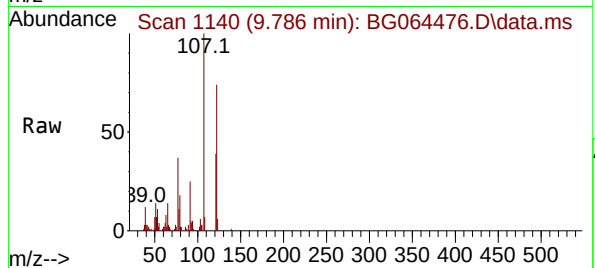
Manual Integrations
APPROVEDReviewed By :Rahul
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 21.017 ng

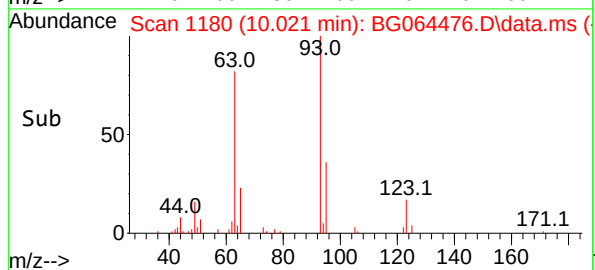
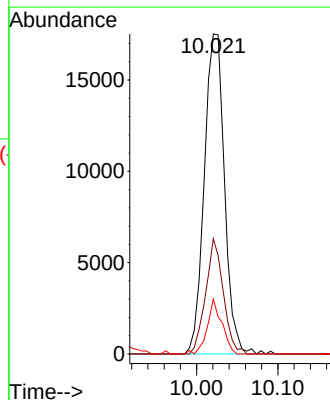
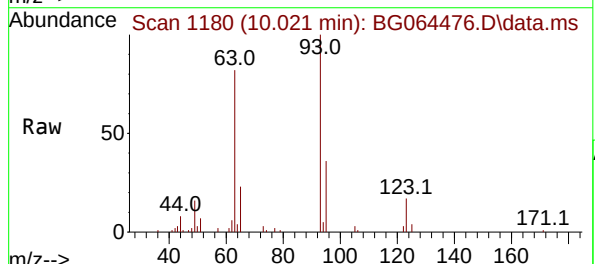
RT: 10.021 min Scan# 1180

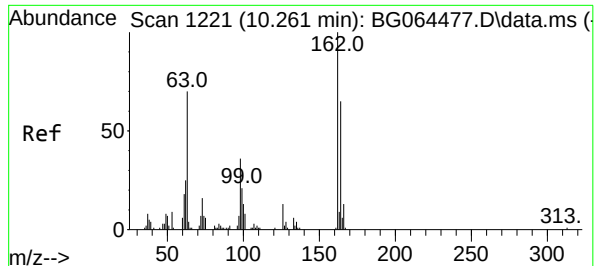
Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:	93	Resp:	30279
Ion	Ratio	Lower	Upper
93	100		
95	36.0	26.5	39.7
123	17.2	8.9	13.3





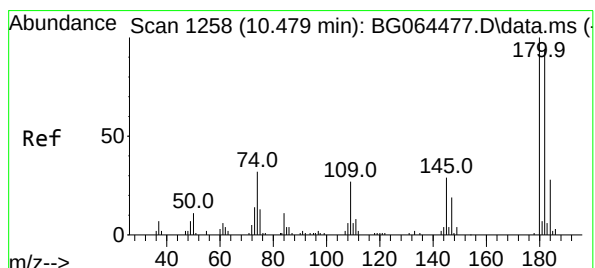
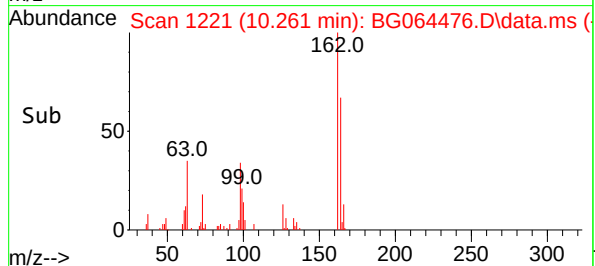
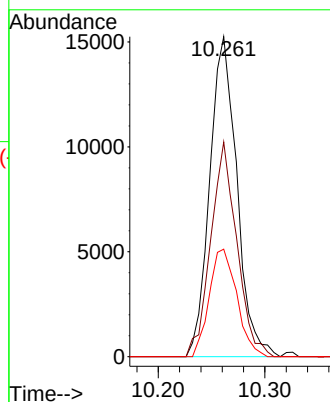
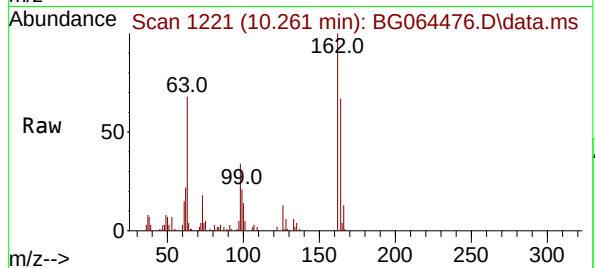
#29
2,4-Dichlorophenol
Concen: 19.691 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 26929
Ion Ratio Lower Upper
162 100
164 67.1 45.4 85.4
98 33.6 16.4 56.4

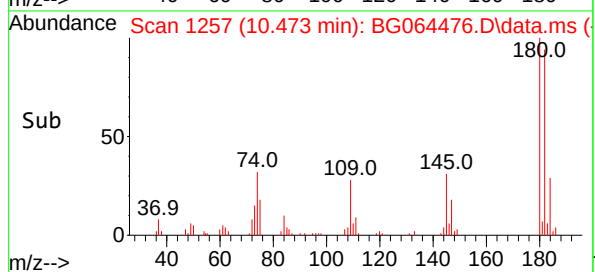
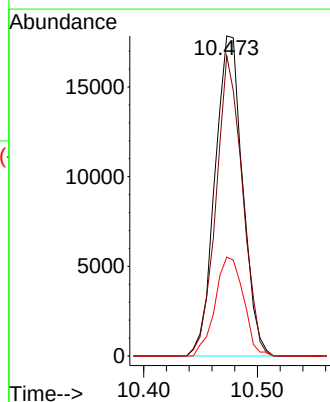
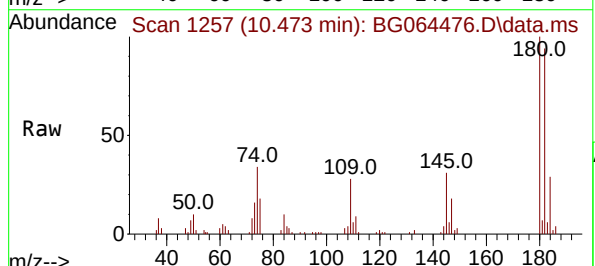
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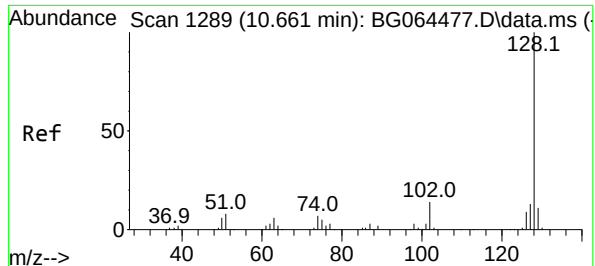
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 20.255 ng
RT: 10.473 min Scan# 1257
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

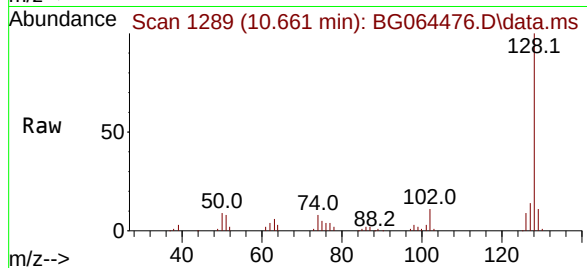
Tgt Ion:180 Resp: 30204
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.2
145 30.9 23.2 34.8





#31
Naphthalene
Concen: 19.671 ng
RT: 10.661 min Scan# 1161
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020



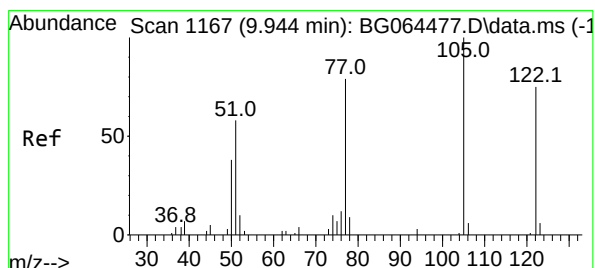
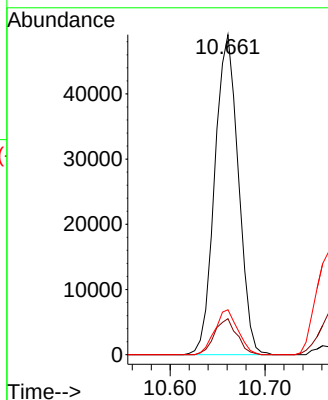
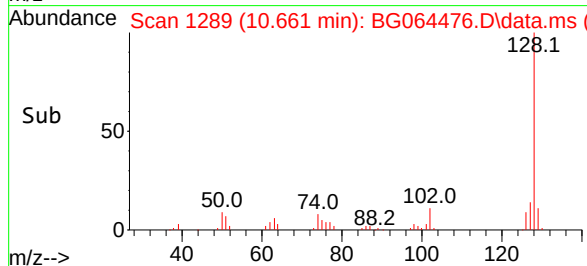
Tgt Ion:128 Resp: 8497
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.0 10.2 15.2

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Reviewed By :Rahul
Chavli

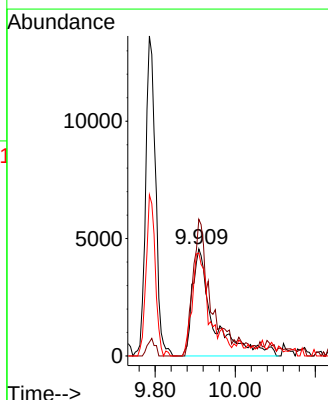
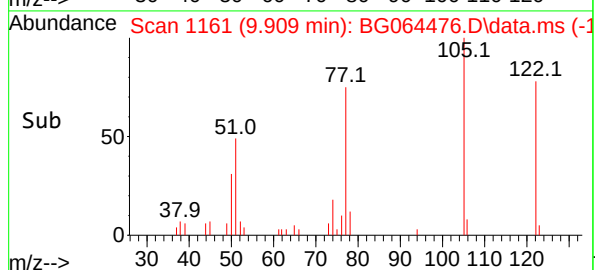
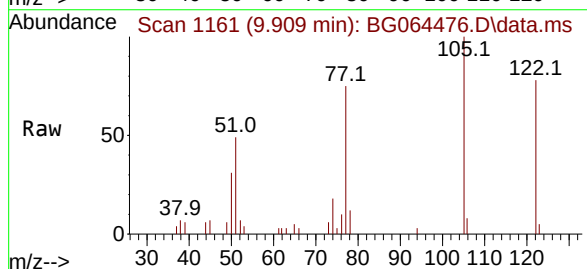
10/03/2025

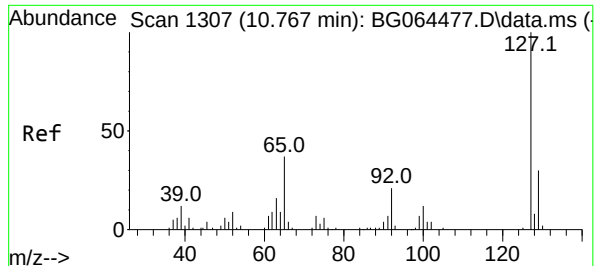
Supervised By :Jagrut
Upadhyay
10/03/2025



#32
Benzoic acid
Concen: 18.305 ng m
RT: 9.909 min Scan# 1161
Delta R.T. 0.020 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

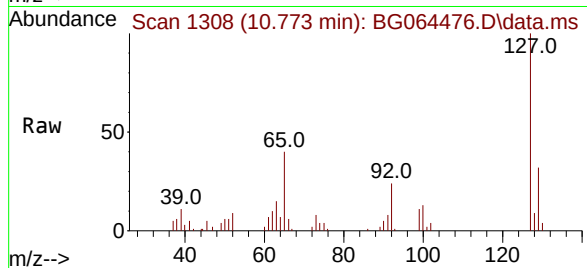
Tgt Ion:122 Resp: 16621
Ion Ratio Lower Upper
122 100
105 127.6 113.9 153.9
77 96.3 86.1 126.1





#33
4-Chloroaniline
Concen: 18.874 ng
RT: 10.773 min Scan# 1307
Delta R.T. 0.009 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

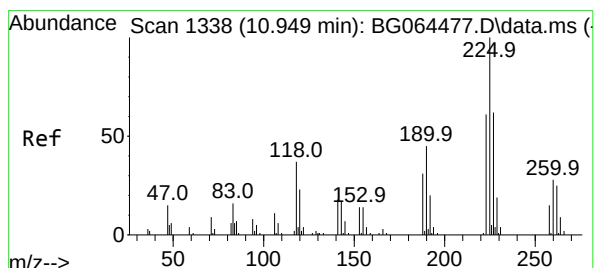
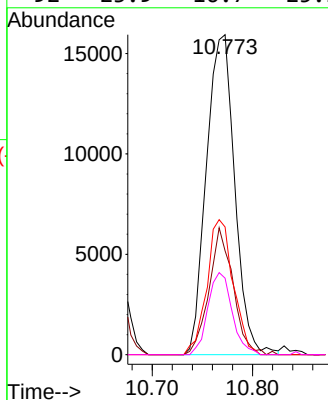
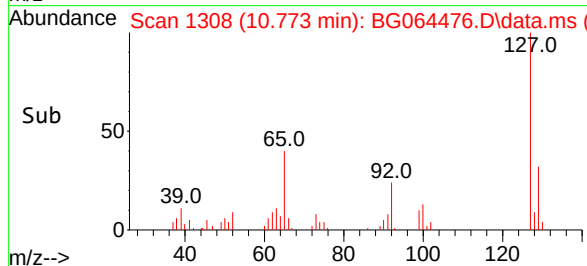


Tgt Ion:127 Resp: 3128
Ion Ratio Lower Upper
127 100
129 32.5 24.2 36.4
65 39.9 29.6 44.4
92 23.9 16.7 25.1

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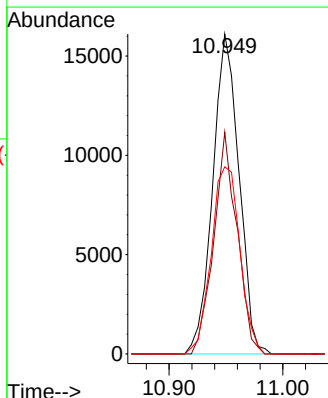
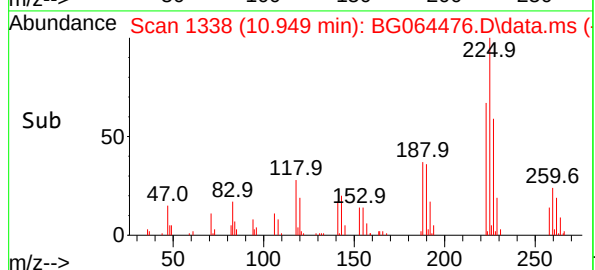
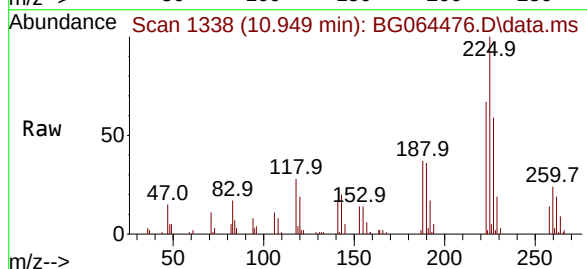
Reviewed By :Rahul
Chavli
10/03/2025

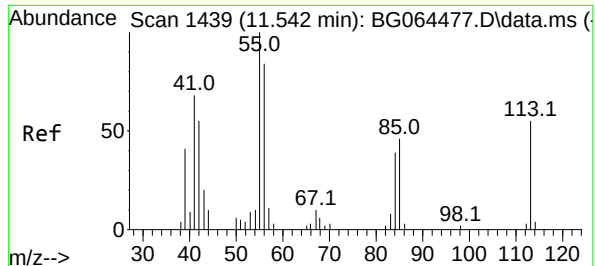
Supervised By :Jagrut
Upadhyay
10/03/2025



#34
Hexachlorobutadiene
Concen: 20.205 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:225 Resp: 25803
Ion Ratio Lower Upper
225 100
223 69.3 49.0 73.6
227 58.5 49.9 74.9





#35

Caprolactam

Concen: 21.453 ng

RT: 11.525 min Scan# 1436

Delta R.T. 0.014 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 1004

Ion Ratio Lower Upper

113 100

55 204.7 162.0 202.0

56 130.1 134.6 174.6

Manual Integrations

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Reviewed By :Rahul

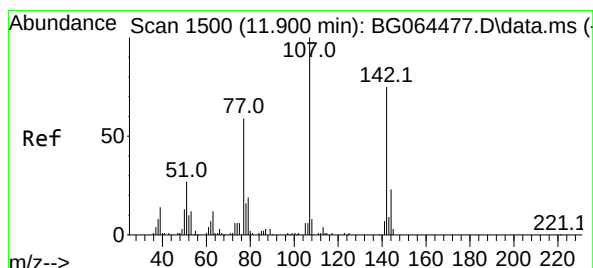
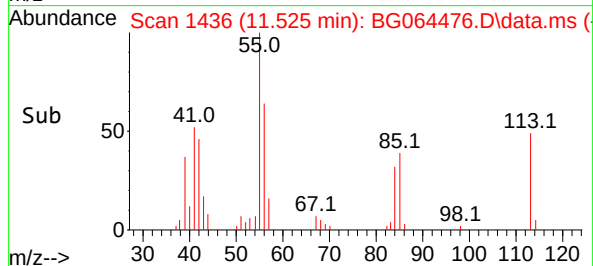
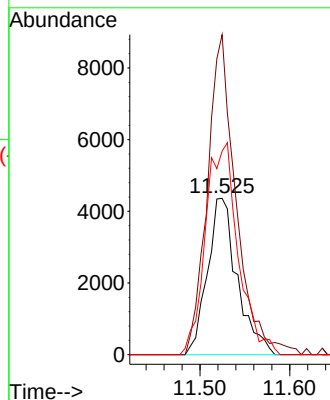
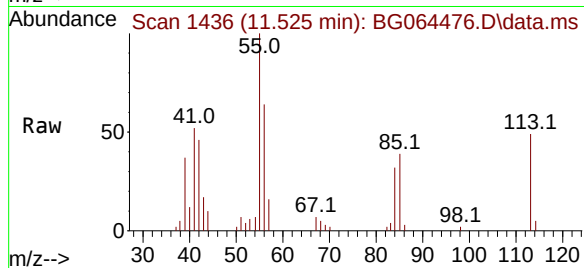
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#36

4-Chloro-3-methylphenol

Concen: 19.795 ng

RT: 11.895 min Scan# 1499

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

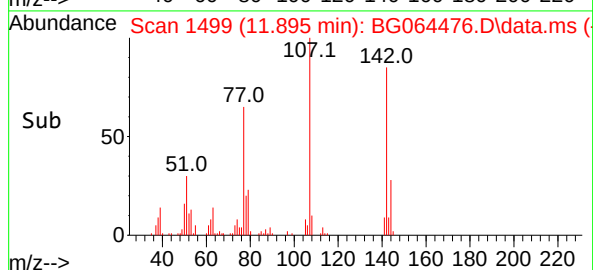
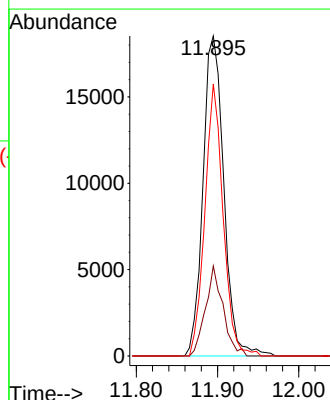
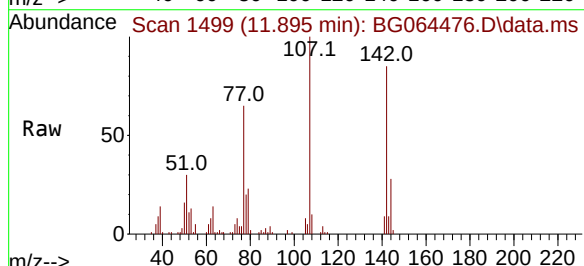
Tgt Ion:107 Resp: 32921

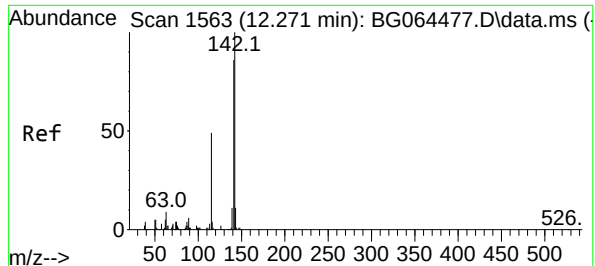
Ion Ratio Lower Upper

107 100

144 28.1 18.7 28.1#

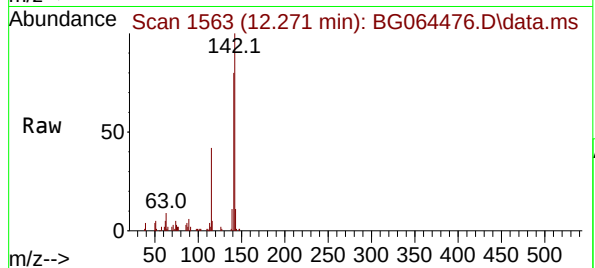
142 85.0 60.2 90.2





#37
2-Methylnaphthalene
Concen: 19.995 ng
RT: 12.271 min Scan# 1563
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

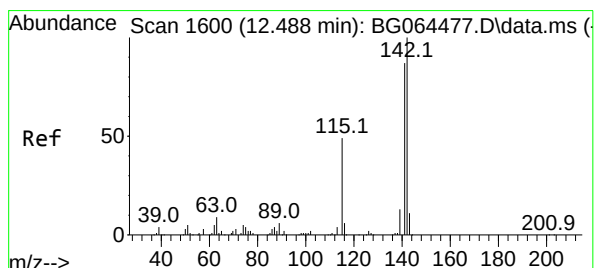
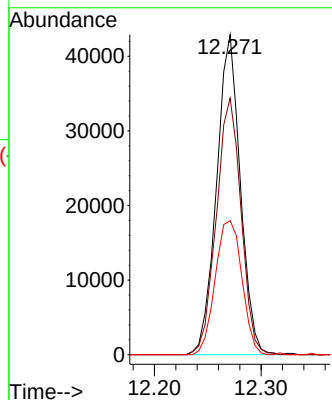
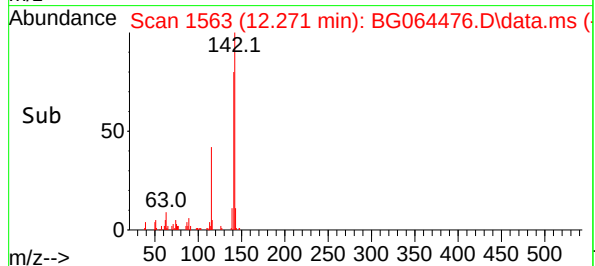
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 66302
Ion Ratio Lower Upper
142 100
141 80.2 68.7 103.1
115 41.9 39.3 58.9

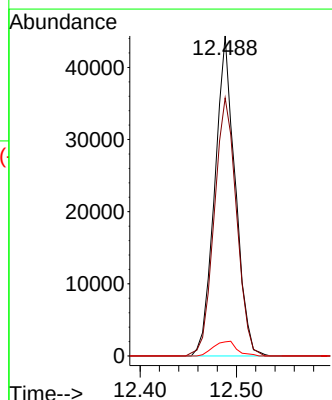
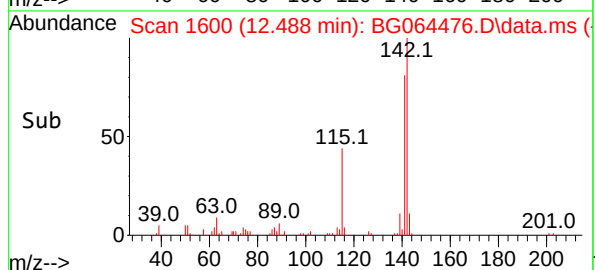
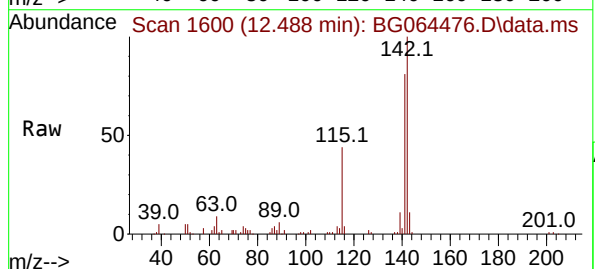
Manual Integrations
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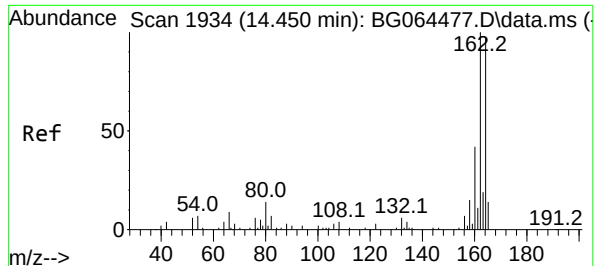
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#38
1-Methylnaphthalene
Concen: 19.840 ng m
RT: 12.488 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:142 Resp: 65599
Ion Ratio Lower Upper
142 100
141 80.6 69.8 104.8
116 4.4 4.6 6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1934

Delta R.T. 0.003 min

Lab File: BG064476.D

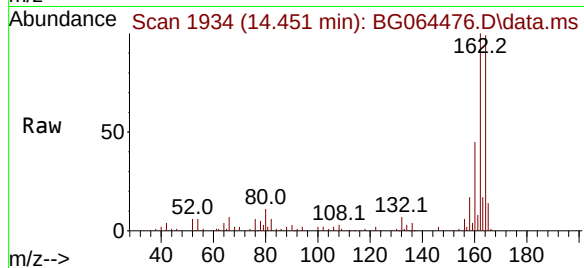
Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 65289

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

160 45.3 34.3 51.5

Manual Integrations

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Reviewed By :Rahul

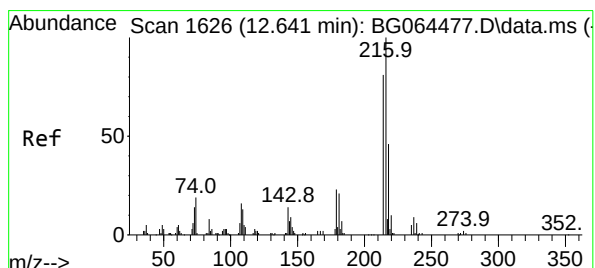
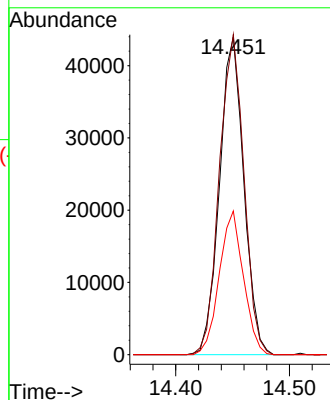
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.252 ng

RT: 12.641 min Scan# 1626

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:216 Resp: 40584

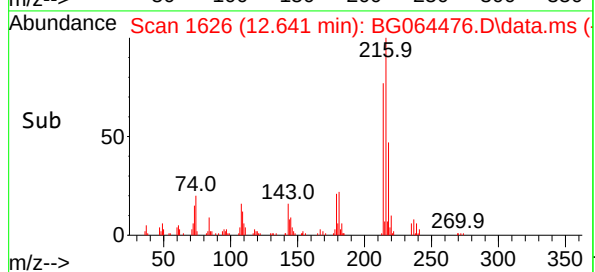
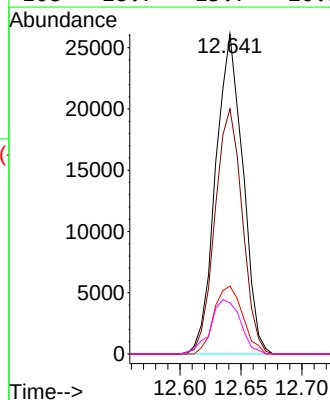
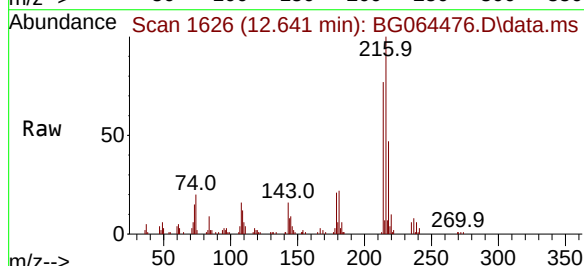
Ion Ratio Lower Upper

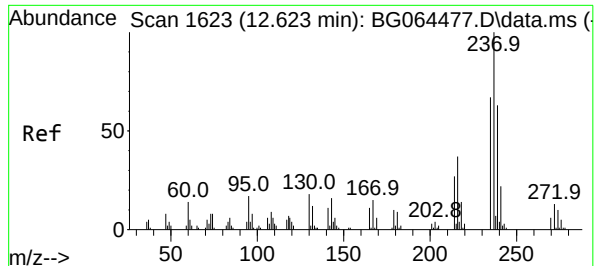
216 100

214 77.0 62.5 93.7

179 22.3 17.0 25.6

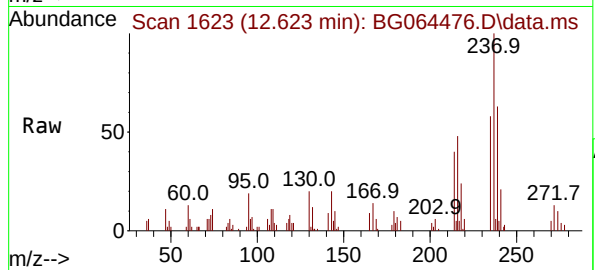
108 18.7 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 17.510 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

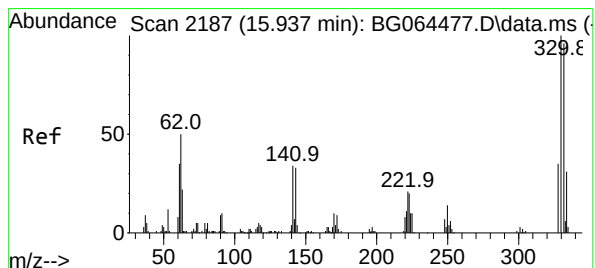
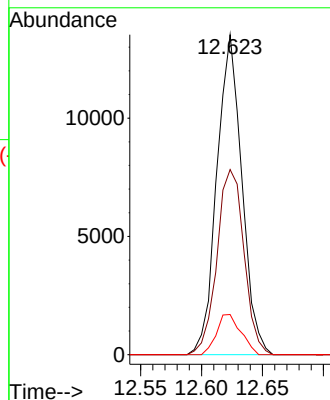
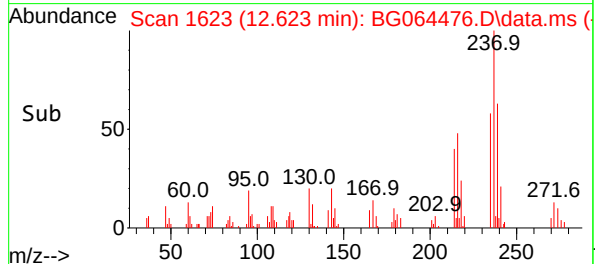
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



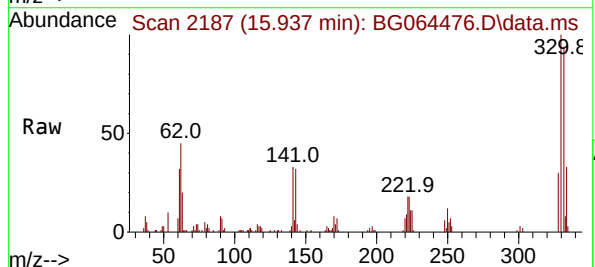
Tgt Ion:237 Resp: 19309
Ion Ratio Lower Upper
237 100
235 57.9 46.9 86.9
272 12.5 0.0 32.6

Manual Integrations
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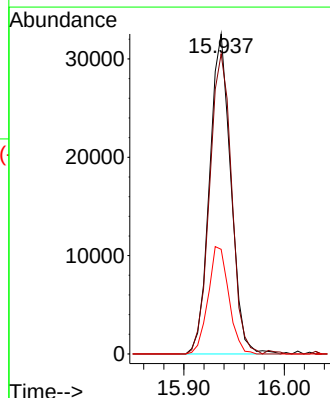
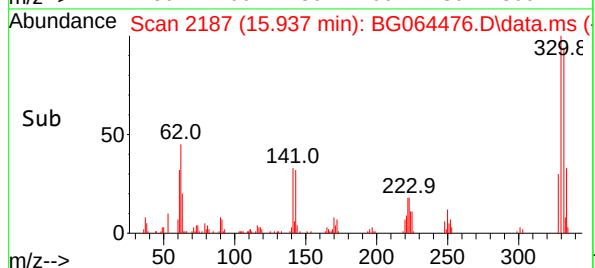
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025

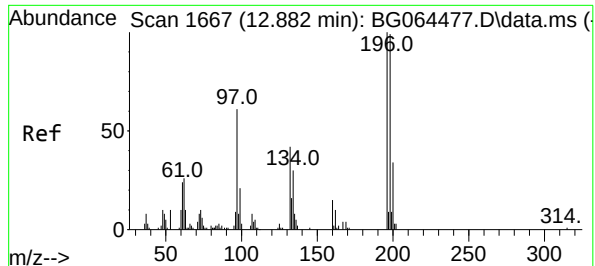


#42
2,4,6-Tribromophenol
Concen: 40.505 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



Tgt Ion:330 Resp: 47936
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 32.7 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 19.167 ng

RT: 12.876 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tgt Ion:196 Resp: 2583

Ion Ratio Lower Upper

196 100

198 93.4 79.3 118.9

200 31.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Rahul

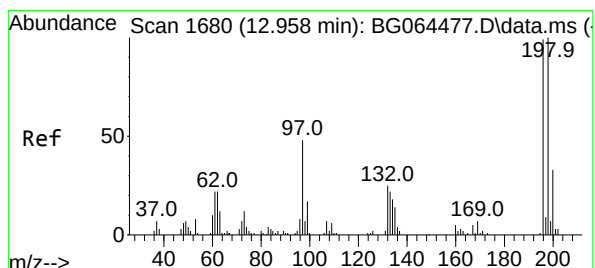
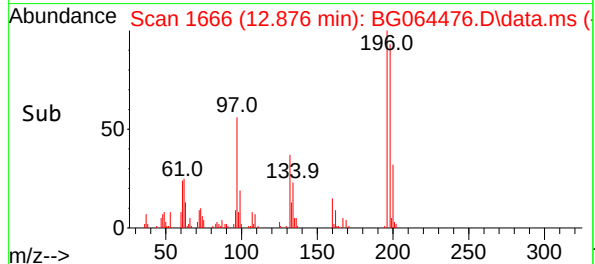
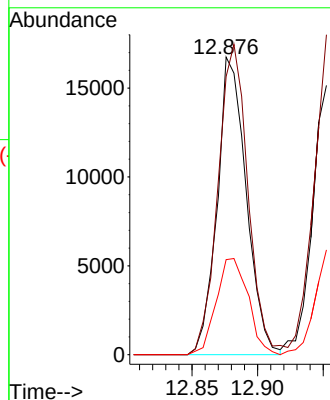
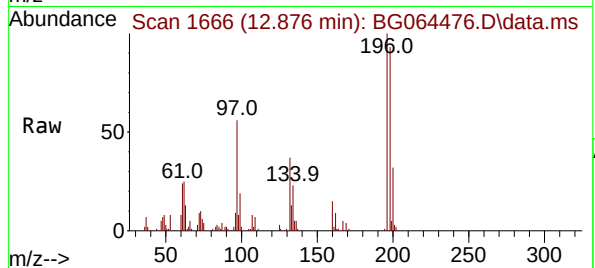
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 18.678 ng

RT: 12.958 min Scan# 1680

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:196 Resp: 28101

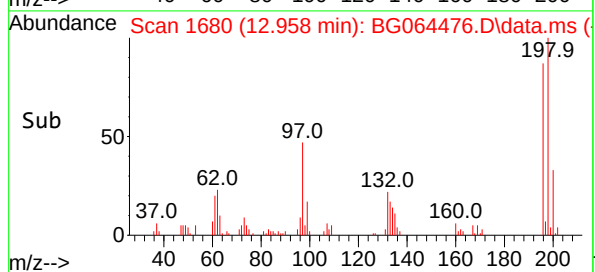
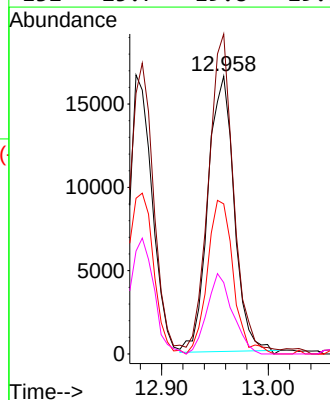
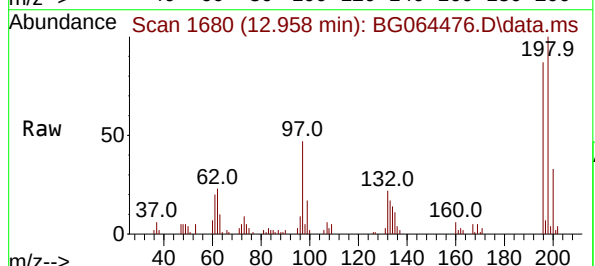
Ion Ratio Lower Upper

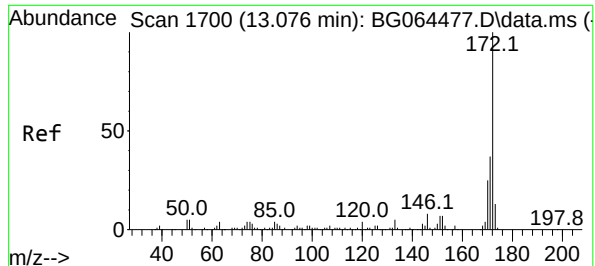
196 100

198 115.2 80.3 120.5

97 54.1 39.4 59.0

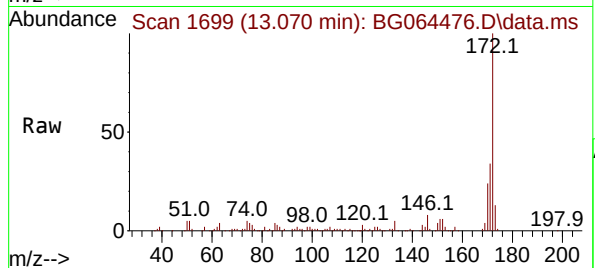
132 25.7 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 39.679 ng
RT: 13.070 min Scan# 1700
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

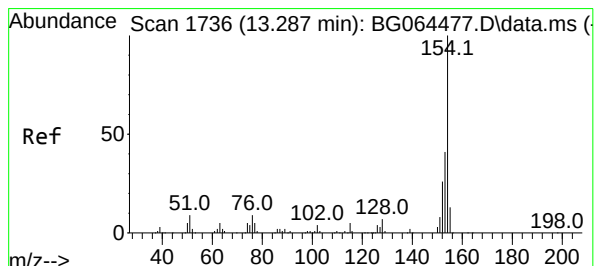
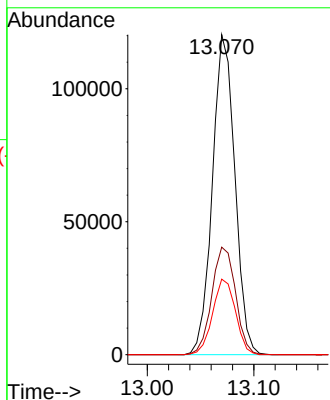
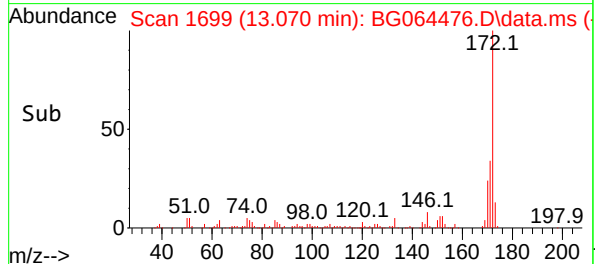
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 175754
Ion Ratio Lower Upper
172 100
171 33.6 29.6 44.4
170 23.6 20.2 30.2

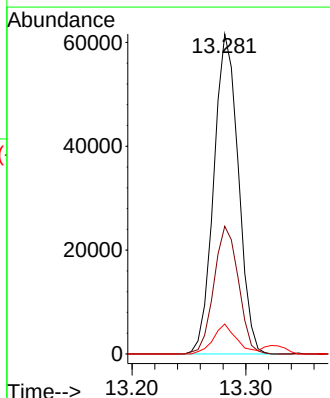
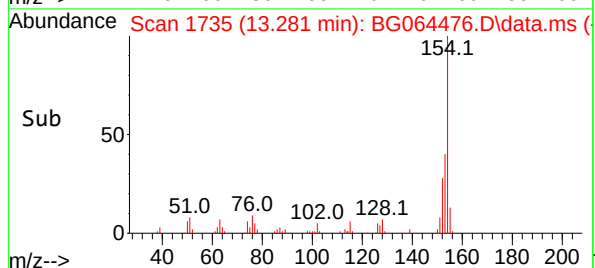
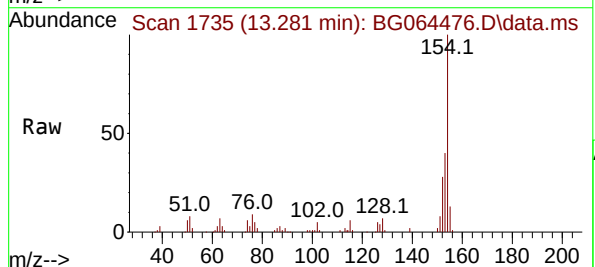
Manual Integrations
APPROVED

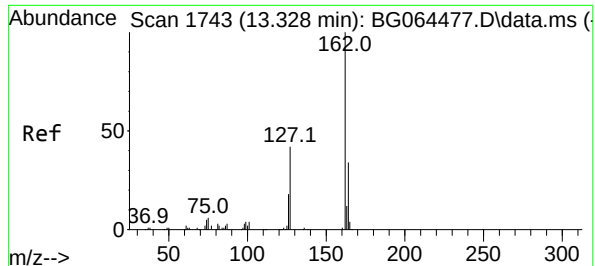
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#46
1,1'-Biphenyl
Concen: 19.695 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

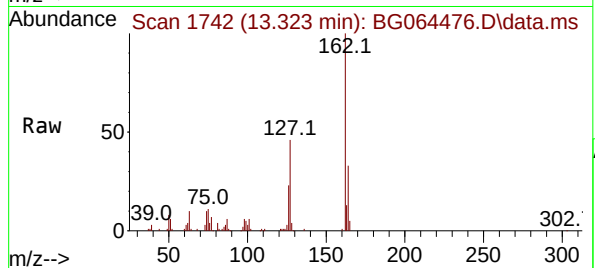
Tgt Ion:154 Resp: 92485
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 9.3 0.0 29.3





#47
2-Chloronaphthalene
Concen: 19.473 ng
RT: 13.323 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

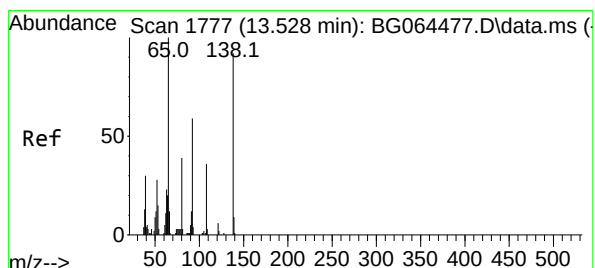
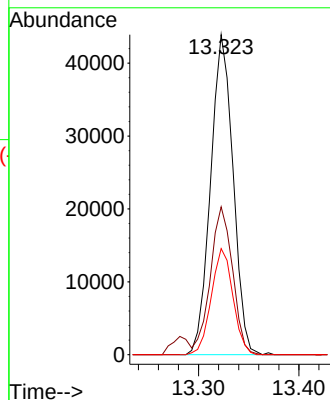
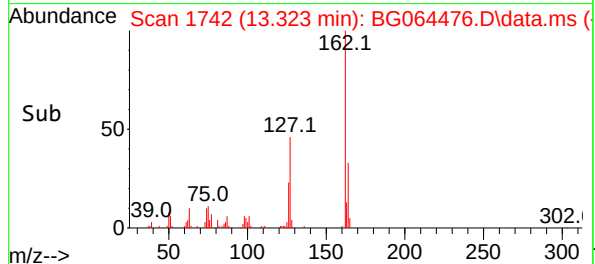
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 68272
Ion Ratio Lower Upper
162 100
127 46.2 35.8 53.8
164 33.2 27.2 40.8

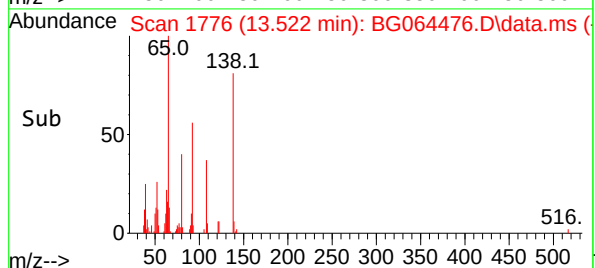
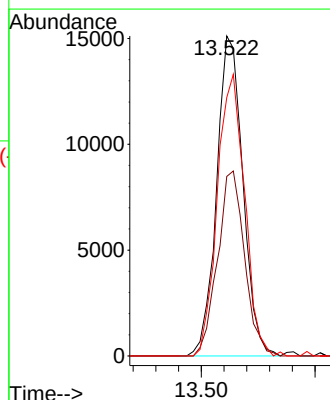
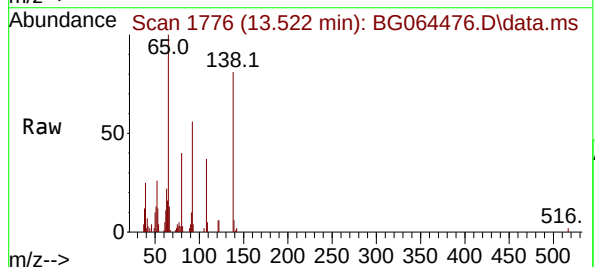
Manual Integrations
APPROVED

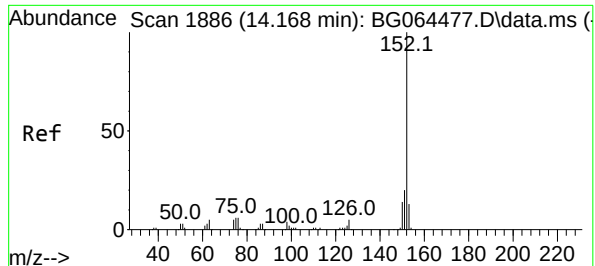
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#48
2-Nitroaniline
Concen: 20.234 ng
RT: 13.522 min Scan# 1776
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

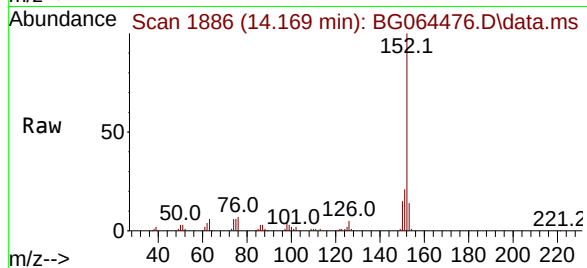
Tgt Ion: 65 Resp: 24212
Ion Ratio Lower Upper
65 100
92 56.1 47.0 70.6
138 80.7 73.5 110.3





#49
Acenaphthylene
Concen: 19.727 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

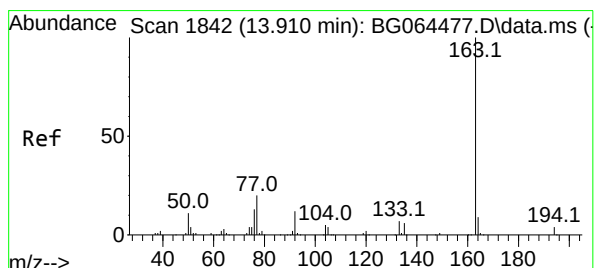
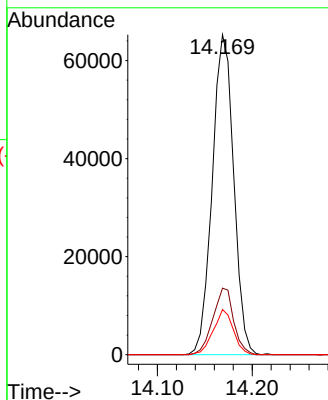
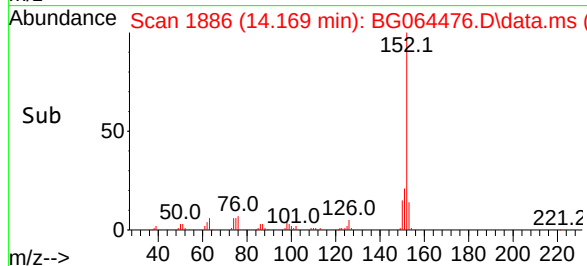
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



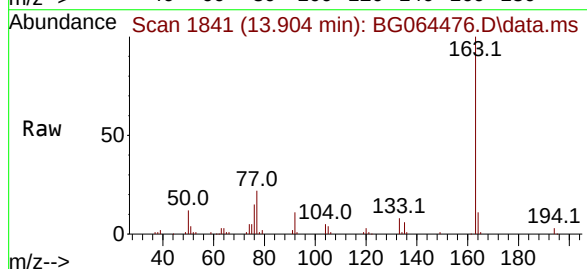
Tgt Ion:152 Resp: 102668
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 14.1 10.6 15.8

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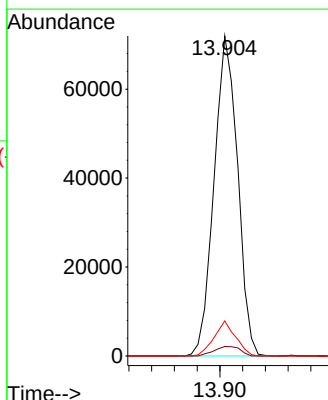
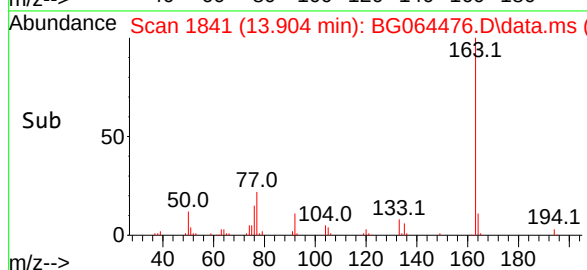
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025

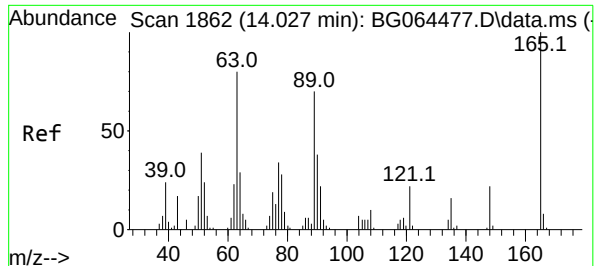


#50
Dimethylphthalate
Concen: 20.204 ng
RT: 13.904 min Scan# 1841
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



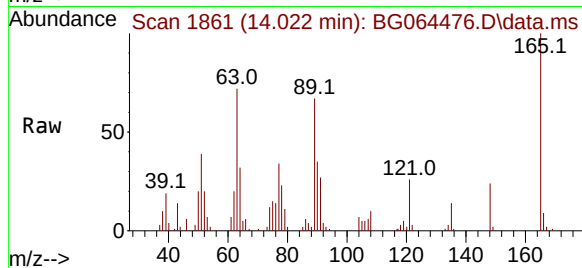
Tgt Ion:163 Resp: 103311
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.9 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 20.559 ng
RT: 14.022 min Scan# 1862
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

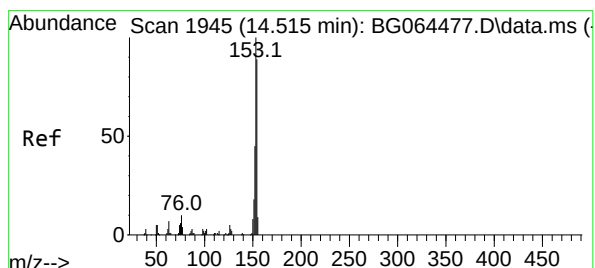
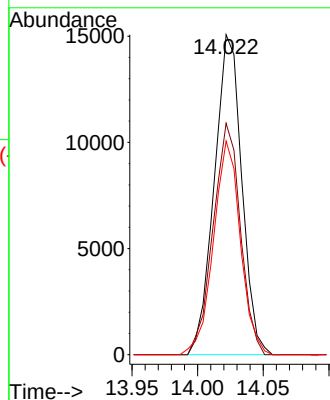
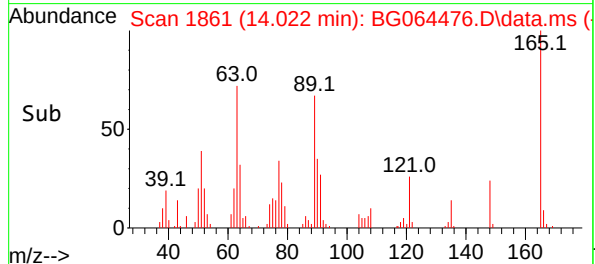


Tgt Ion:165 Resp: 21899
Ion Ratio Lower Upper
165 100
63 72.3 63.9 95.9
89 66.8 56.1 84.1

Manual Integrations
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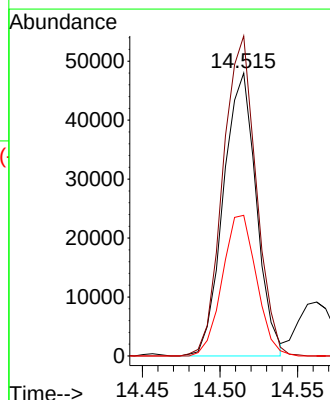
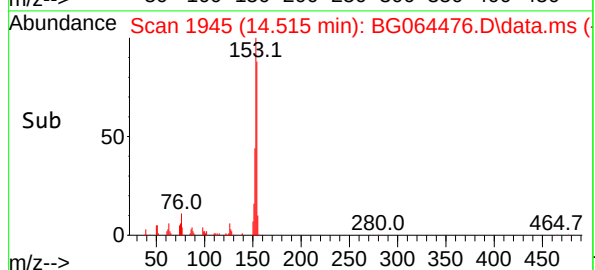
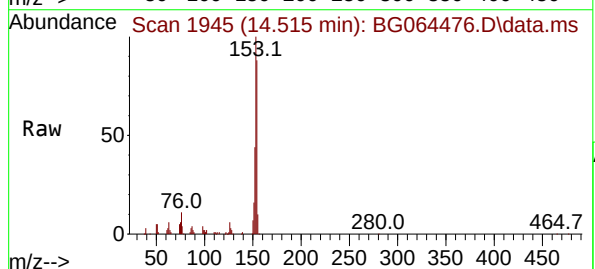
Reviewed By :Rahul
Chavli
10/03/2025

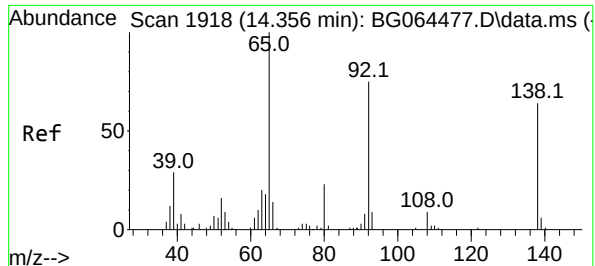
Supervised By :Jagrut
Upadhyay
10/03/2025



#52
Acenaphthene
Concen: 19.604 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

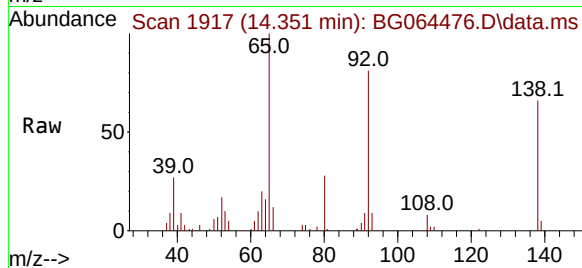
Tgt Ion:154 Resp: 70884
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.4
152 49.7 40.2 60.4





#53
3-Nitroaniline
Concen: 19.956 ng
RT: 14.351 min Scan# 1917
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

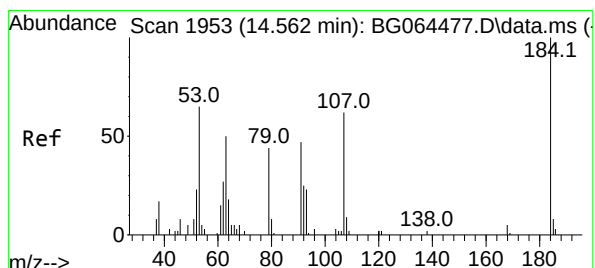
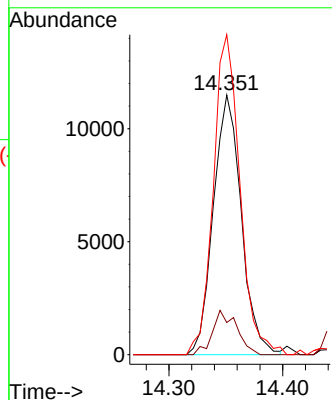
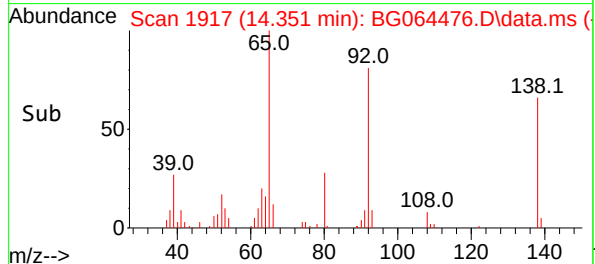
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 19604
Ion Ratio Lower Upper
138 100
108 12.4 10.6 15.8
92 123.2 93.2 139.8

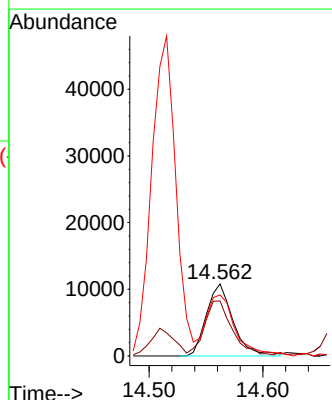
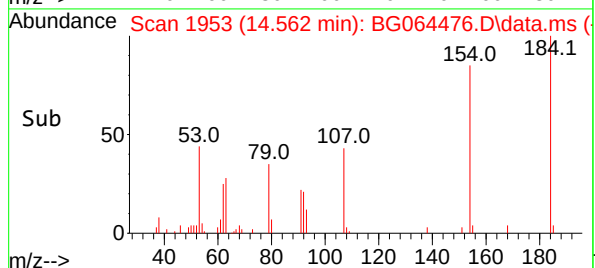
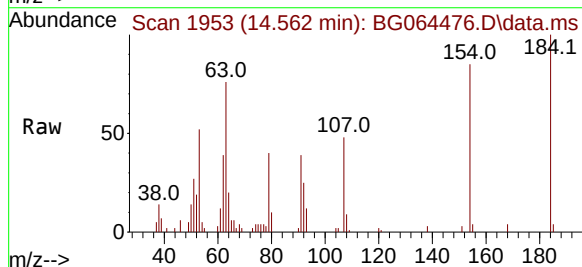
Manual Integrations
APPROVED

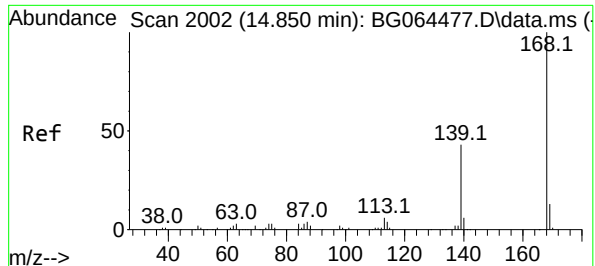
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#54
2,4-Dinitrophenol
Concen: 22.843 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:184 Resp: 17644
Ion Ratio Lower Upper
184 100
63 76.3 69.0 103.4
154 84.7 95.6 143.4#





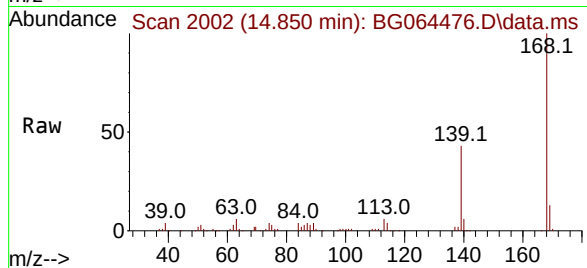
#55
Diben-zofuran
Concen: 19.680 ng
RT: 14.850 min Scan# 2002
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



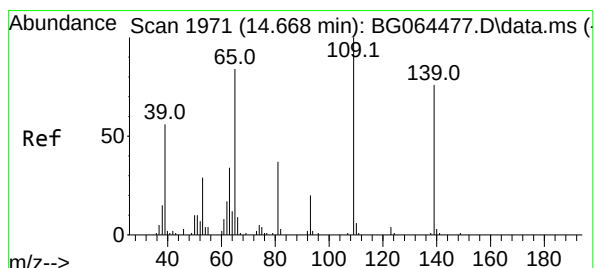
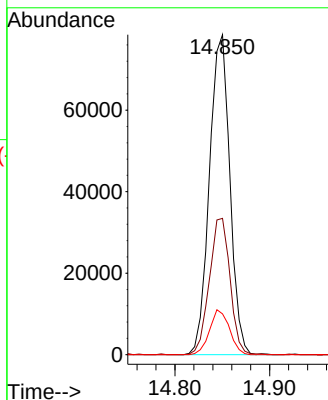
Tgt Ion:168 Resp: 117490
Ion Ratio Lower Upper
168 100
139 42.6 34.0 51.0
169 12.8 10.2 15.2

Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

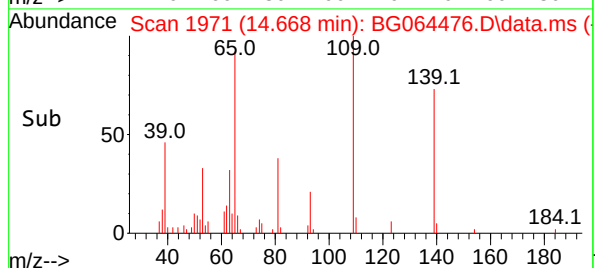
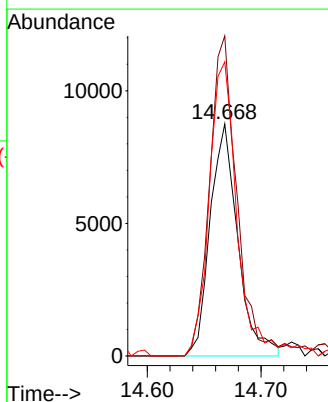
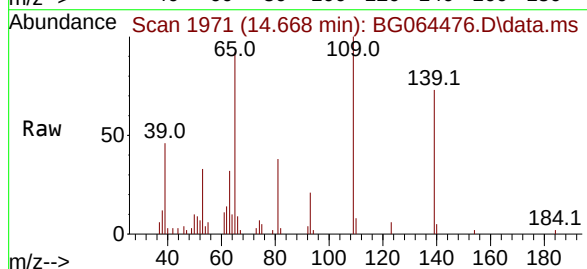
10/03/2025

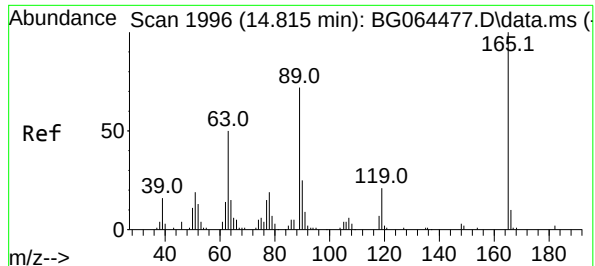
Supervised By :Jagrut
Upadhyay
10/03/2025



#56
4-Nitrophenol
Concen: 19.183 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:139 Resp: 14837
Ion Ratio Lower Upper
139 100
109 137.9 111.8 151.8
65 126.7 91.1 131.1





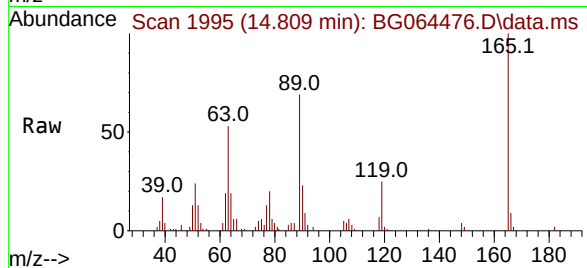
#57
2,4-Dinitrotoluene
Concen: 19.567 ng
RT: 14.809 min Scan# 1996
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:165 Resp: 31862
Ion Ratio Lower Upper
165 100
63 52.7 40.4 60.6
89 69.5 57.3 85.9
182 2.2 1.9 2.9

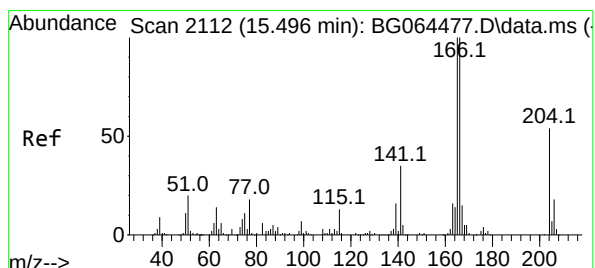
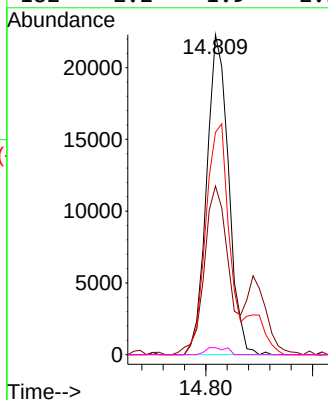
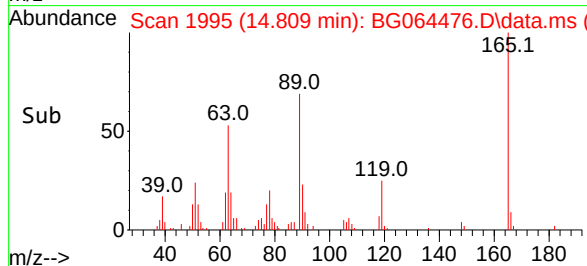
Manual Integrations
APPROVEDReviewed By :Rahul
Chavli

10/03/2025

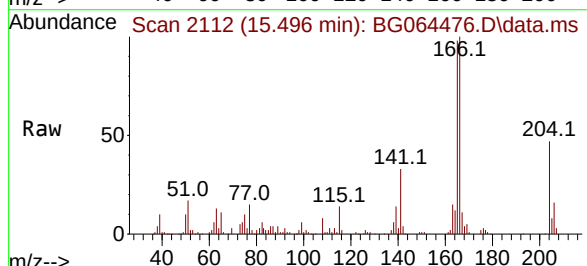
Supervised By :Jagrut

Upadhyay

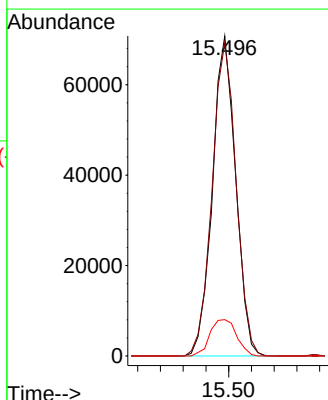
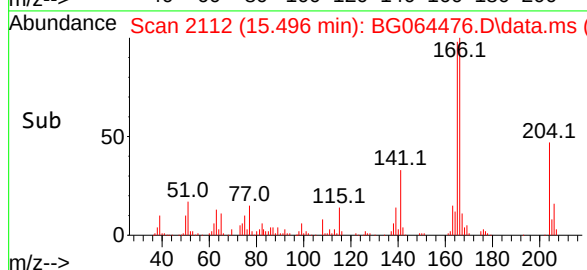
10/03/2025

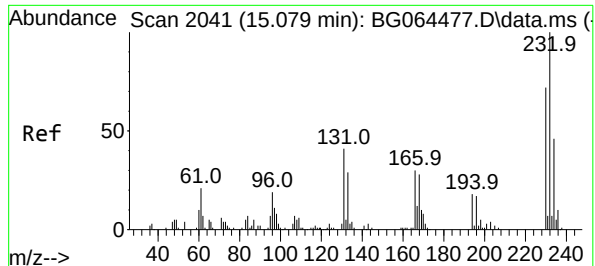


#58
Fluorene
Concen: 20.190 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



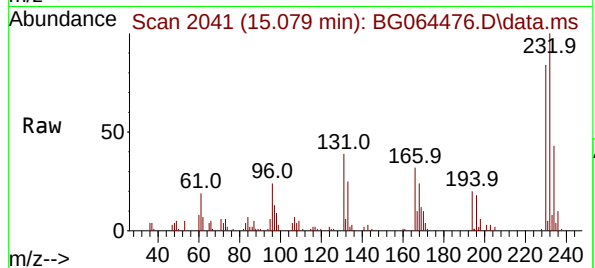
Tgt Ion:166 Resp: 100209
Ion Ratio Lower Upper
166 100
165 97.9 79.8 119.6
167 11.4 11.7 17.5#





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.205 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.008 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020



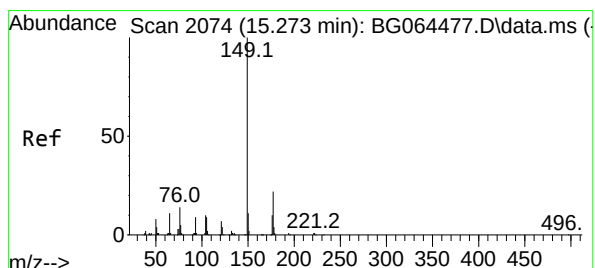
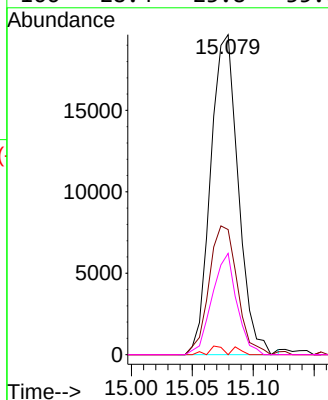
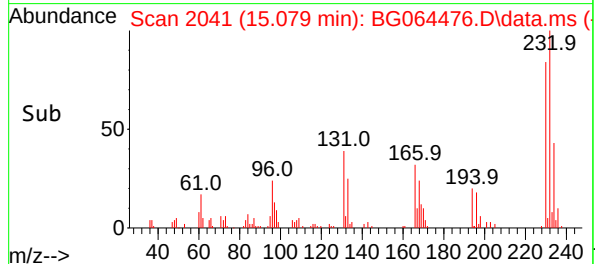
Tgt Ion:232 Resp: 3102
Ion Ratio Lower Upper
232 100
131 41.2 35.0 52.4
130 1.3 2.0 3.0
166 28.4 23.8 35.6

Manual Integrations
APPROVED

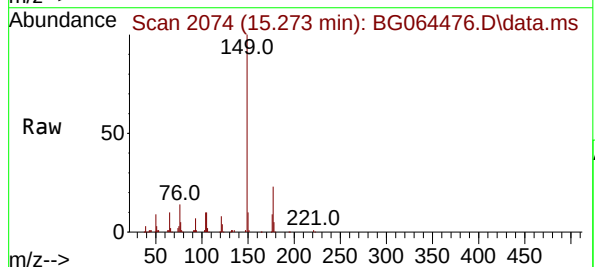
Reviewed By :Rahul
Chavli

10/03/2025

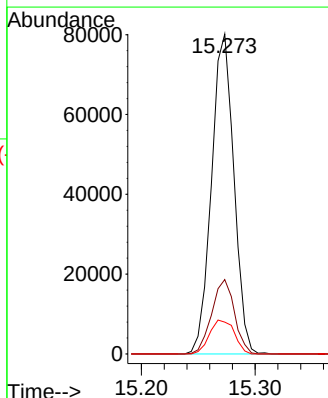
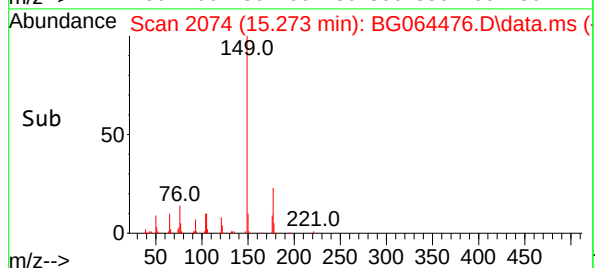
Supervised By :Jagrut
Upadhyay
10/03/2025

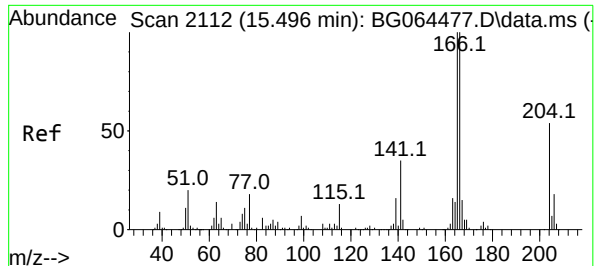


#60
Diethylphthalate
Concen: 19.981 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



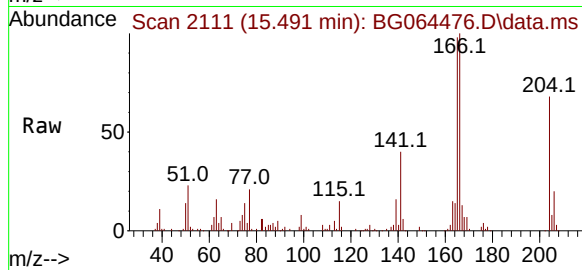
Tgt Ion:149 Resp: 109604
Ion Ratio Lower Upper
149 100
177 23.3 17.4 26.0
150 10.0 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 20.205 ng
RT: 15.491 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

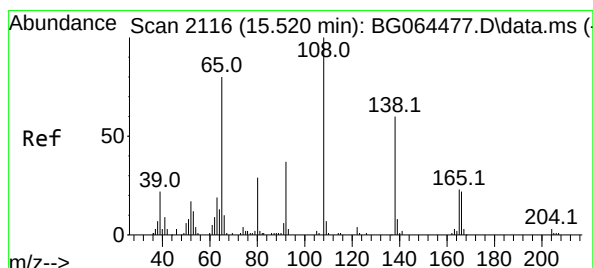
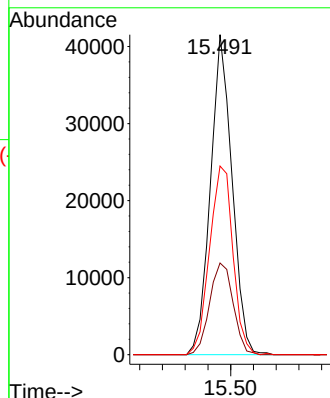
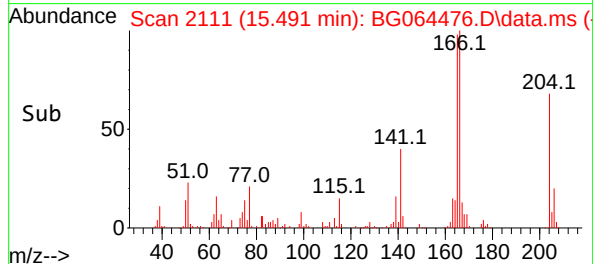
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 5475
Ion Ratio Lower Upper
204 100
206 28.6 27.1 40.7
141 58.9 51.5 77.3

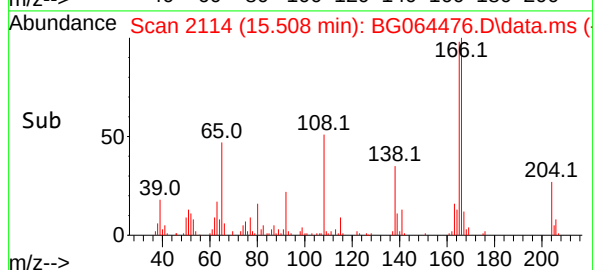
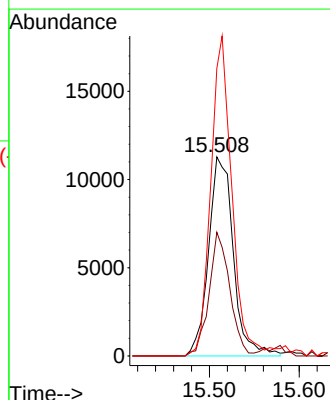
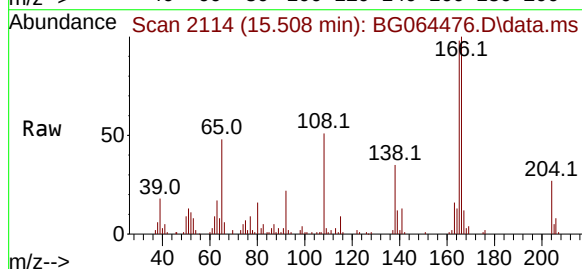
Manual Integrations
APPROVED

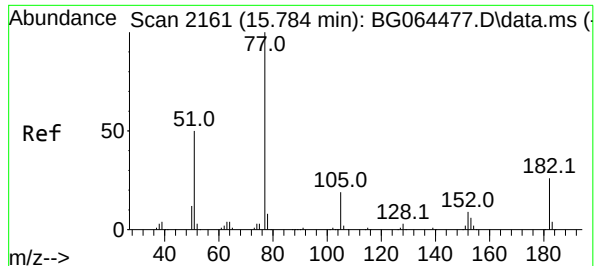
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#62
4-Nitroaniline
Concen: 21.091 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:138 Resp: 21595
Ion Ratio Lower Upper
138 100
92 62.2 42.3 82.3
108 144.5 147.7 187.7#





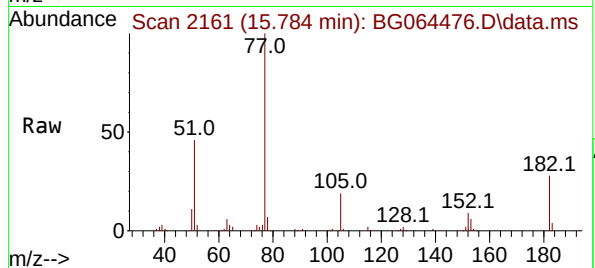
#63
Azobenzene
Concen: 20.370 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion: 77 Resp: 86539
Ion Ratio Lower Upper
77 100
182 28.0 6.3 46.3
105 19.0 0.0 38.7
51 46.0 30.3 70.3

Manual Integrations
APPROVED

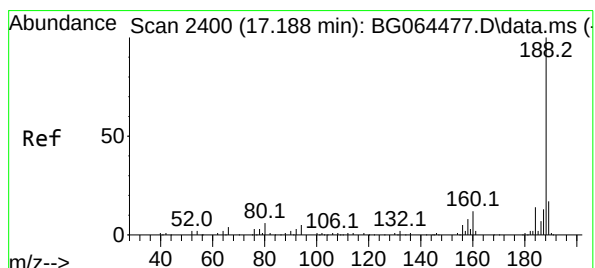
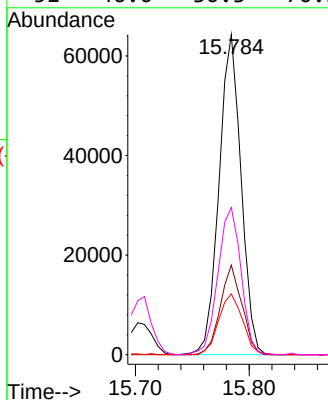
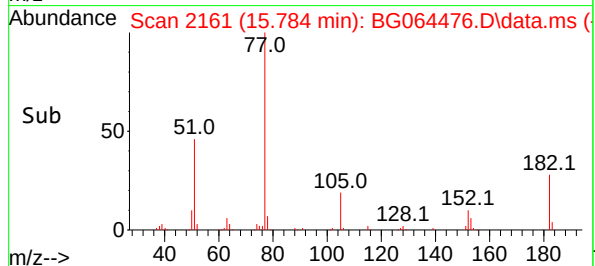
Reviewed By :Rahul
Chavli

10/03/2025

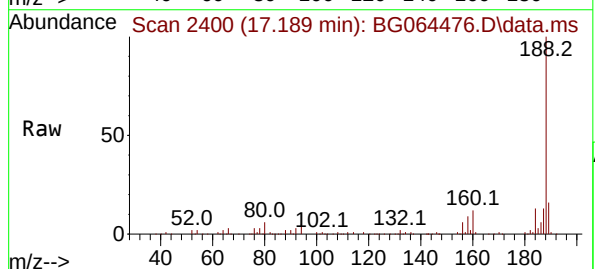
Supervised By :Jagrut

Upadhyay

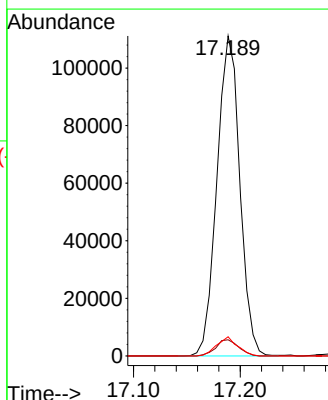
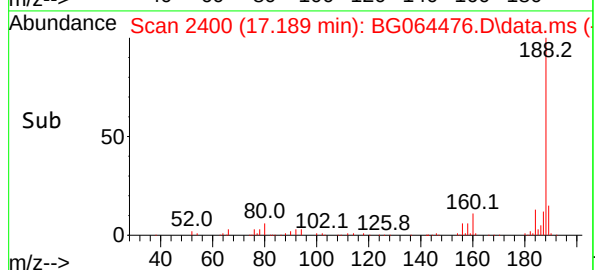
10/03/2025

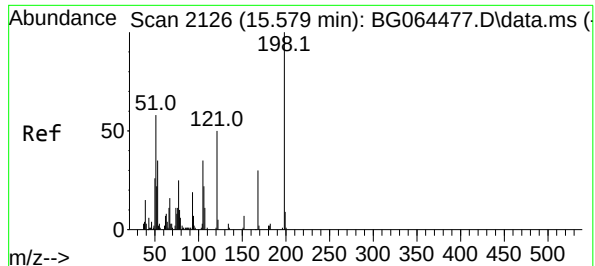


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



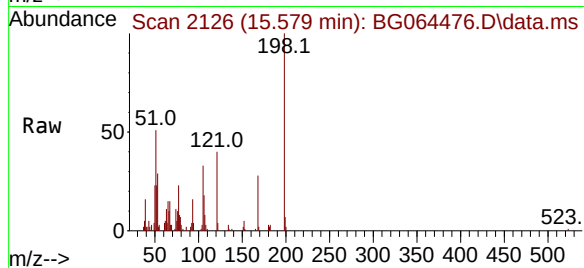
Tgt Ion:188 Resp: 165571
Ion Ratio Lower Upper
188 100
94 5.0 3.7 5.5
80 6.0 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 19.942 ng
RT: 15.579 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

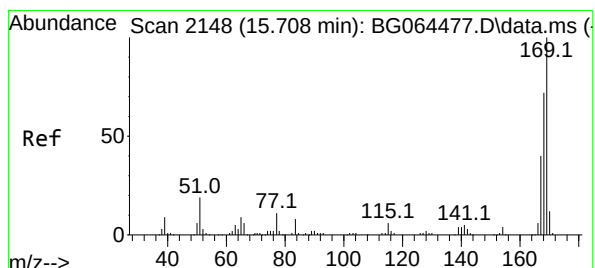
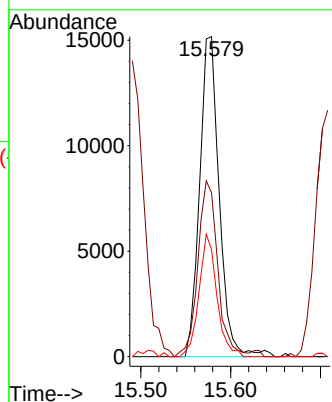
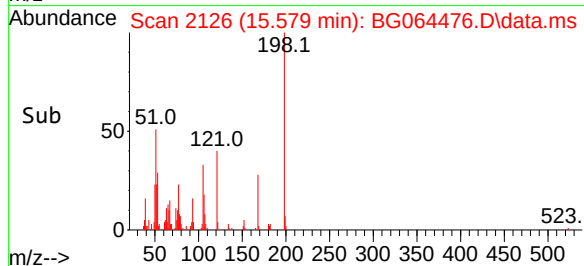
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 22989
Ion Ratio Lower Upper
198 100
51 51.2 39.0 79.0
105 33.4 15.8 55.8

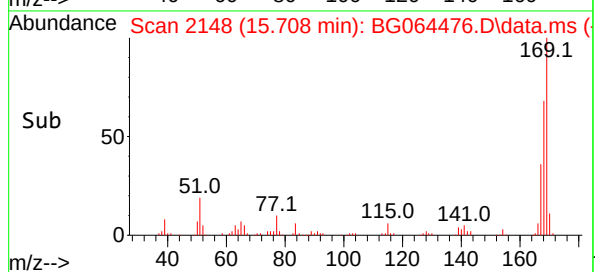
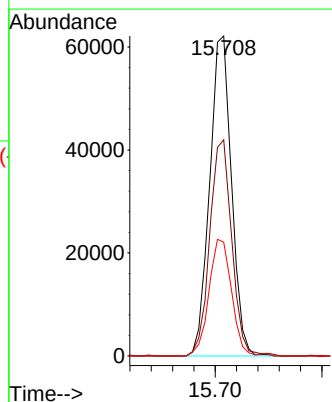
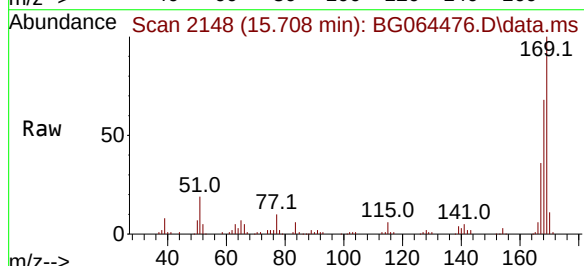
Manual Integrations
APPROVED

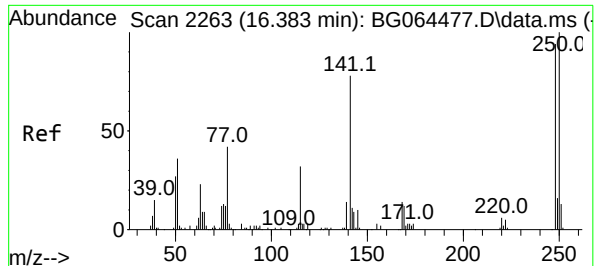
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 19.986 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

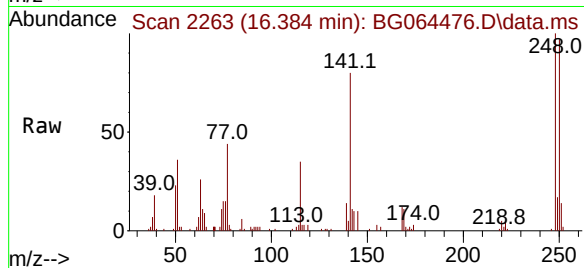
Tgt Ion:169 Resp: 88367
Ion Ratio Lower Upper
169 100
168 67.5 57.8 86.6
167 35.6 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 19.310 ng
RT: 16.384 min Scan# 2263
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

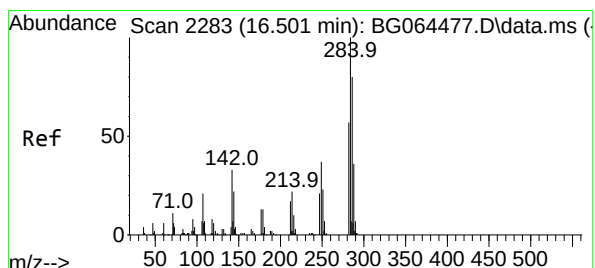
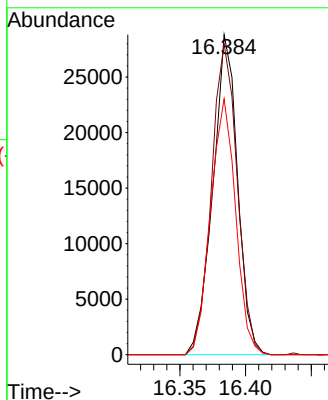
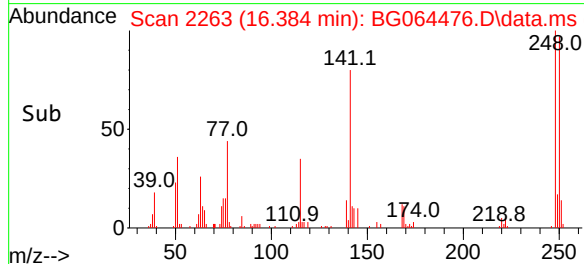
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



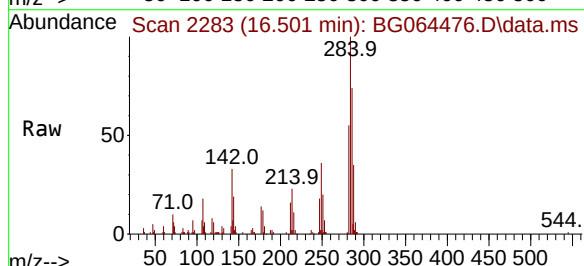
Tgt Ion:248 Resp: 3762
Ion Ratio Lower Upper
248 100
250 97.2 85.3 127.9
141 79.9 66.2 99.2

Manual Integrations
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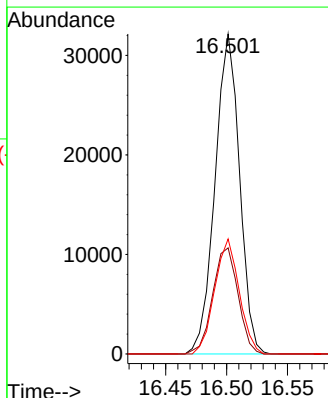
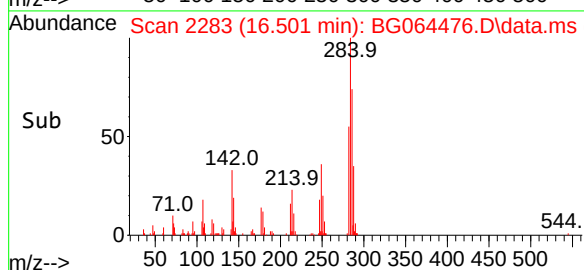
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025

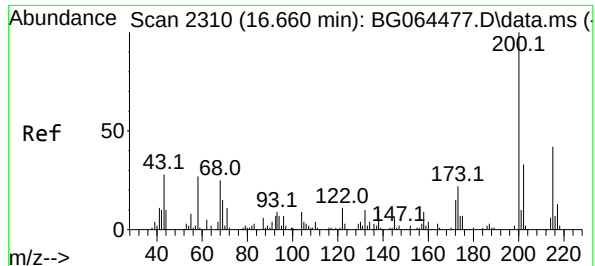


#68
Hexachlorobenzene
Concen: 20.185 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



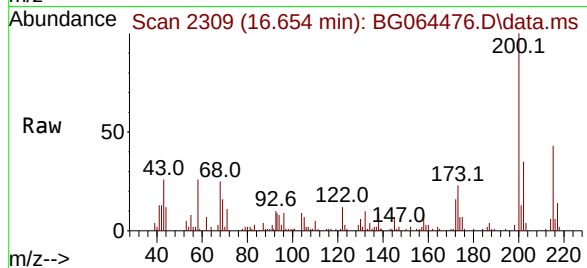
Tgt Ion:284 Resp: 45002
Ion Ratio Lower Upper
284 100
142 33.1 26.2 39.2
249 36.0 29.4 44.0





#69
Atrazine
Concen: 20.769 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

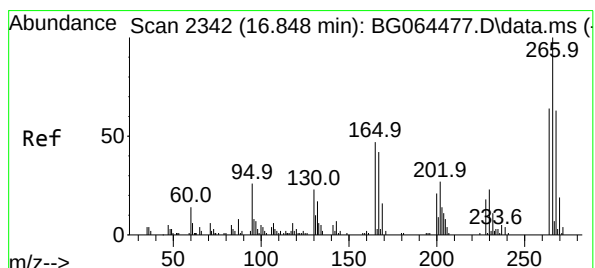
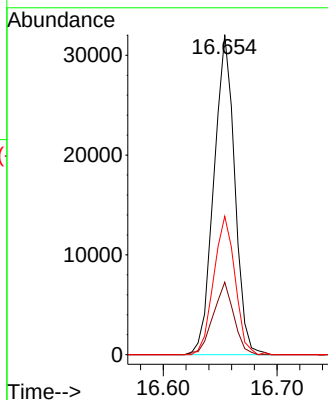
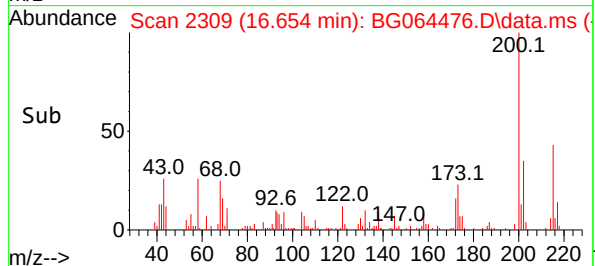
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



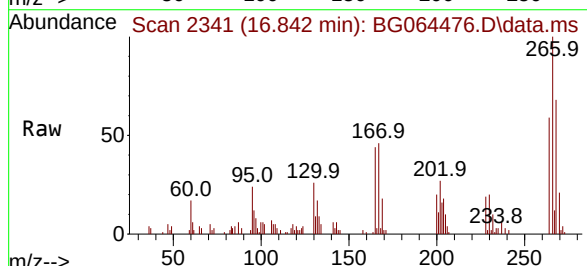
Tgt Ion:200 Resp: 4085
Ion Ratio Lower Upper
200 100
173 22.7 2.5 42.5
215 43.3 21.5 61.5

Manual Integrations
APPROVED

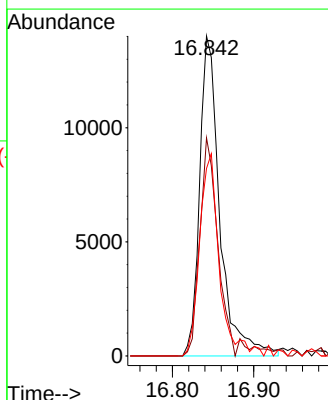
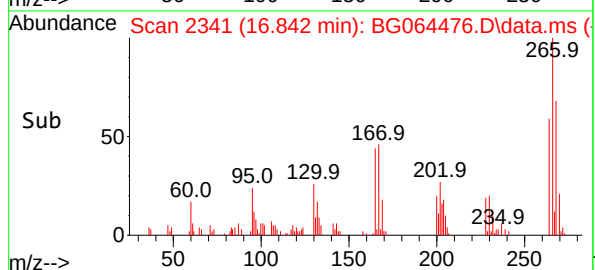
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025

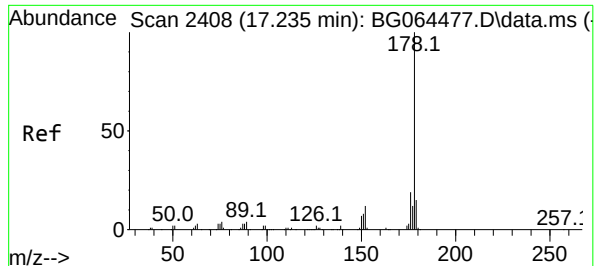


#70
Pentachlorophenol
Concen: 18.593 ng
RT: 16.842 min Scan# 2341
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33



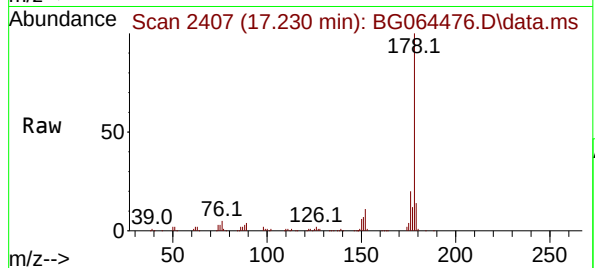
Tgt Ion:266 Resp: 24237
Ion Ratio Lower Upper
266 100
268 68.1 50.6 75.8
264 58.6 51.2 76.8





#71
Phenanthrene
Concen: 20.165 ng
RT: 17.230 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

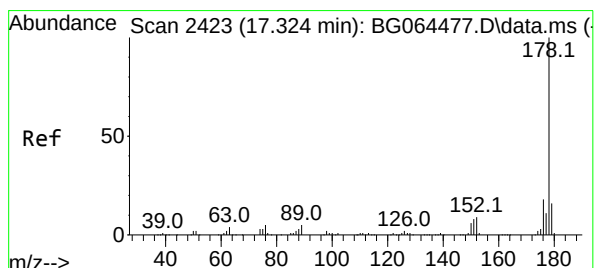
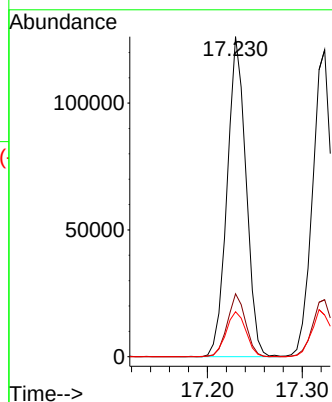
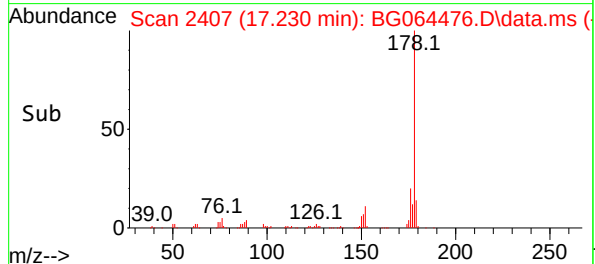
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 174598
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 14.1 11.8 17.6

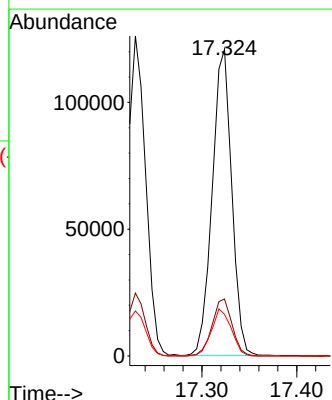
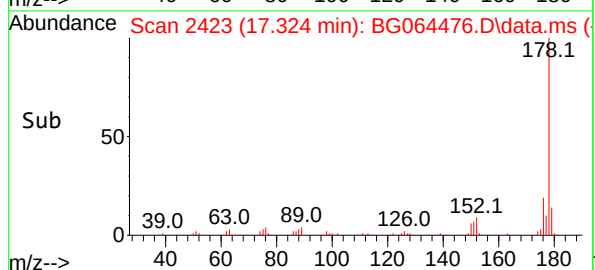
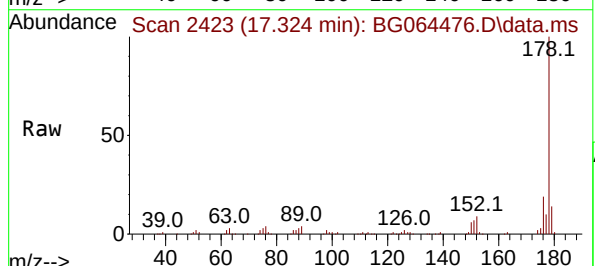
Manual Integrations
APPROVED

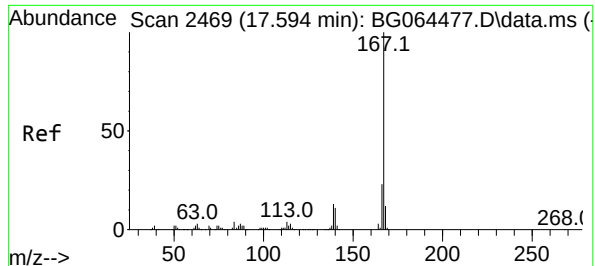
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#72
Anthracene
Concen: 19.904 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

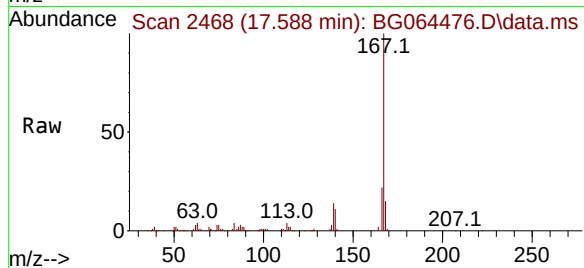
Tgt Ion:178 Resp: 172893
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 13.6 12.5 18.7





#73
Carbazole
Concen: 19.939 ng
RT: 17.588 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

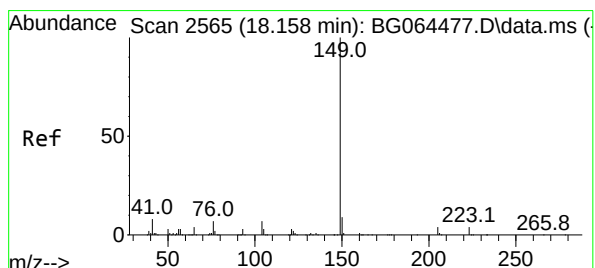
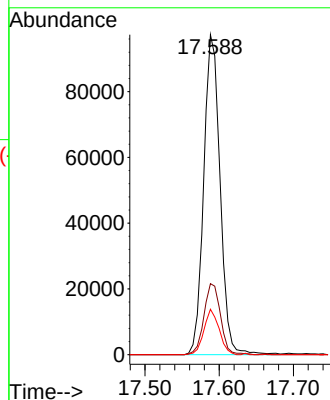
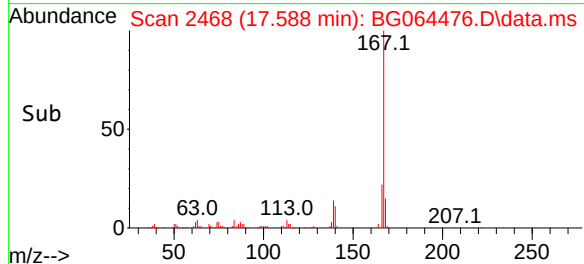
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 149710
Ion Ratio Lower Upper
167 100
166 22.2 18.6 27.8
139 14.2 10.2 15.4

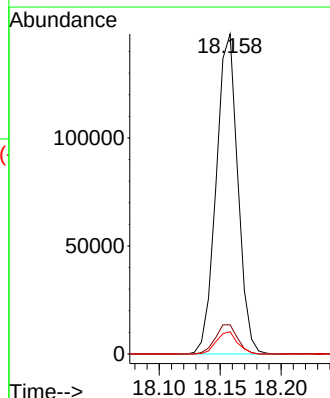
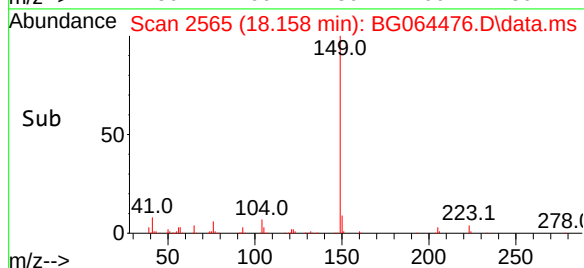
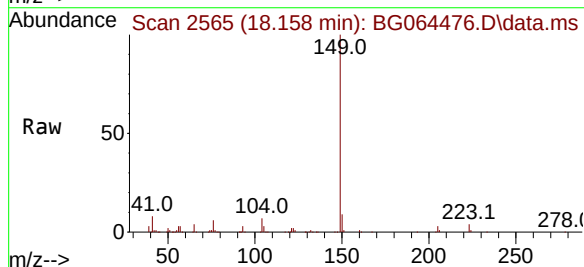
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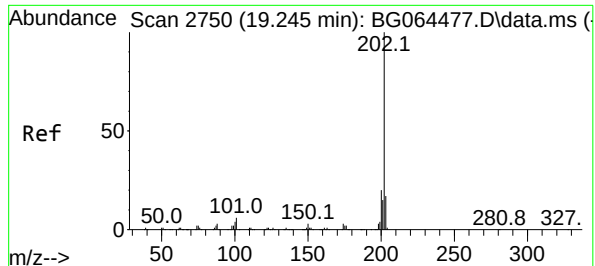
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#74
Di-n-butylphthalate
Concen: 19.955 ng
RT: 18.158 min Scan# 2565
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

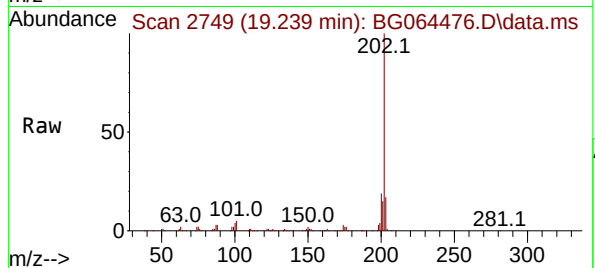
Tgt Ion:149 Resp: 182903
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 6.9 5.3 7.9





#75
Fluoranthene
Concen: 20.363 ng
RT: 19.239 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

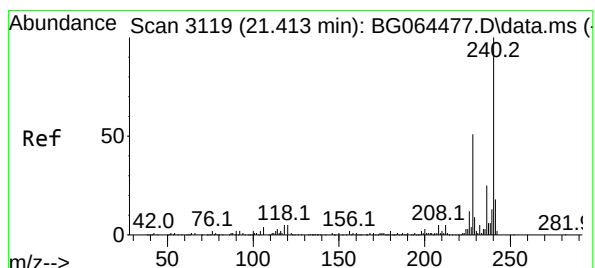
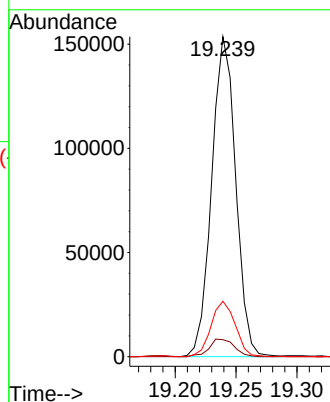
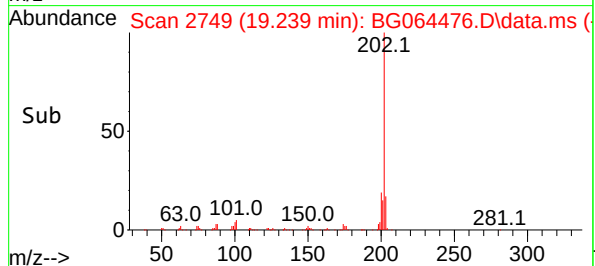
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 21063
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.7
203 17.3 0.0 36.6

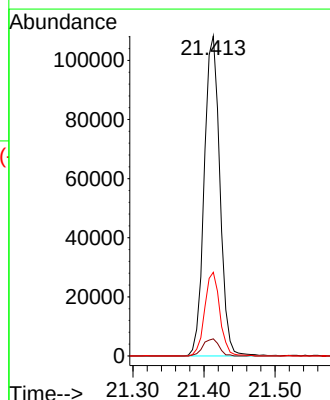
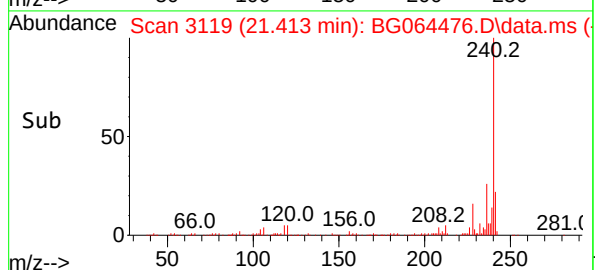
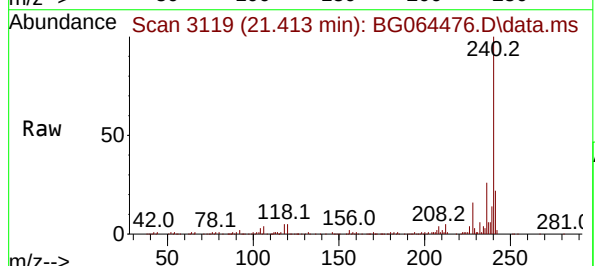
Manual Integrations
APPROVED

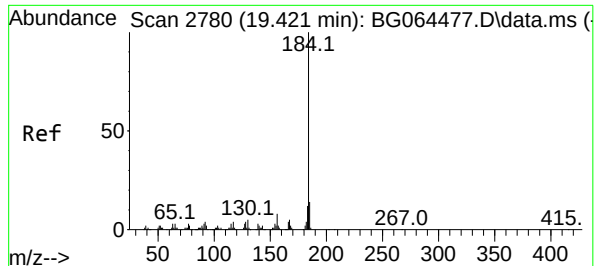
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:240 Resp: 165934
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 26.1 20.4 30.6





#77

Benzidine

Concen: 17.050 ng

RT: 19.421 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

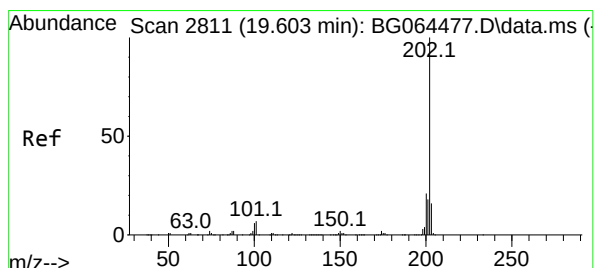
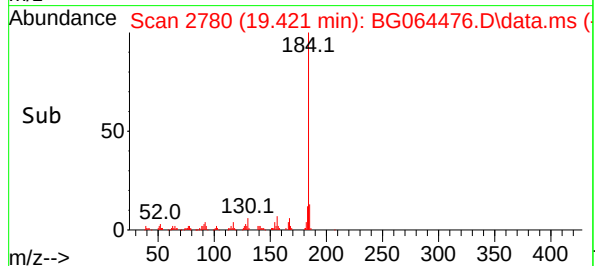
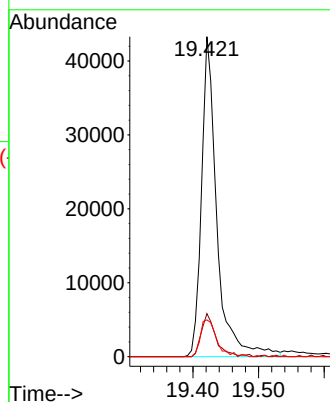
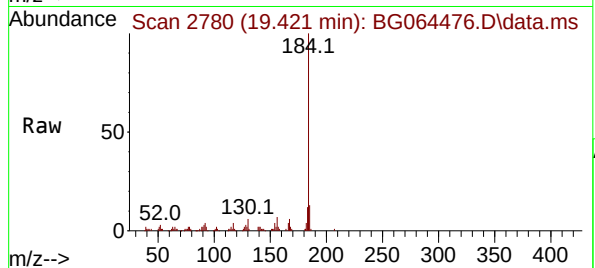
Tgt Ion:184	Resp:	70399
Ion Ratio	Lower	Upper
184	100	
185	13.4	10.9 16.3
183	11.5	9.8 14.6

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Reviewed By :Rahul
Chavli

10/03/2025

Supervised By :Jagrut
Upadhyay
10/03/2025



#78

Pyrene

Concen: 20.286 ng

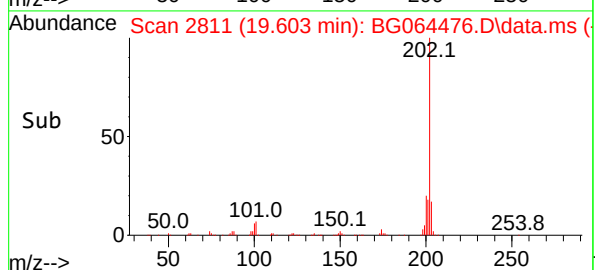
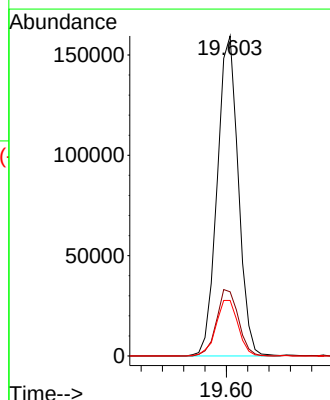
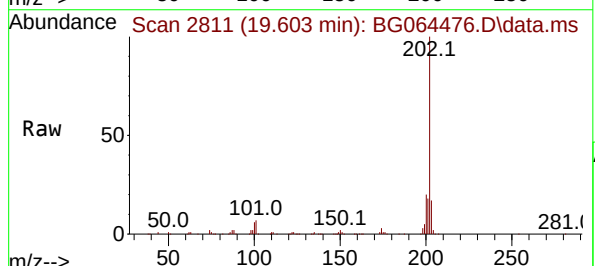
RT: 19.603 min Scan# 2811

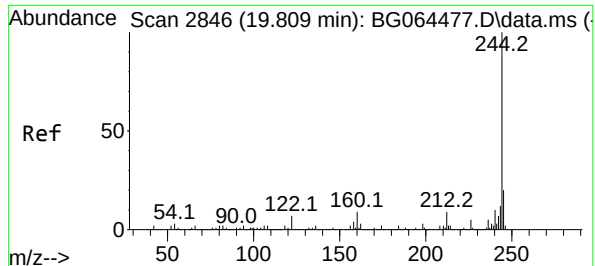
Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

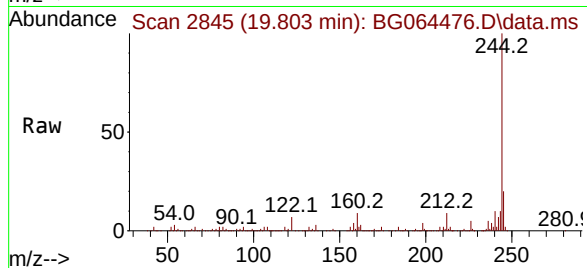
Tgt Ion:202	Resp:	218448
Ion Ratio	Lower	Upper
202	100	
200	20.1	17.0 25.4
203	17.4	13.0 19.4





#79
Terphenyl-d14
Concen: 40.467 ng
RT: 19.803 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020



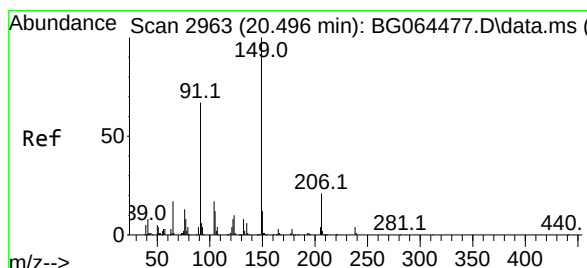
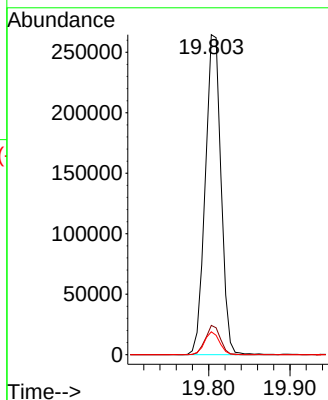
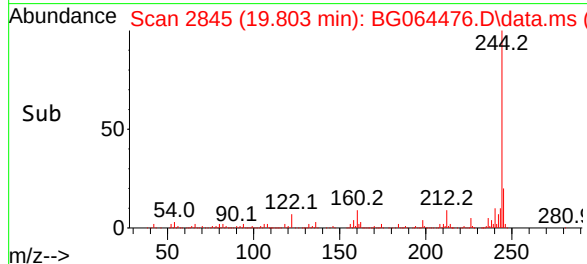
Tgt Ion:244 Resp: 35481
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 7.1 5.6 8.4

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Reviewed By :Rahul
Chavli

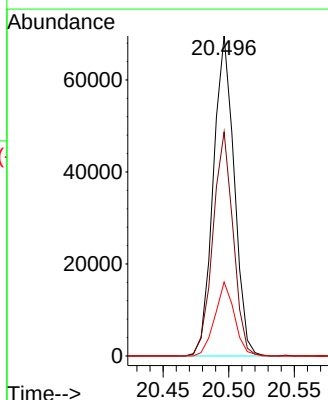
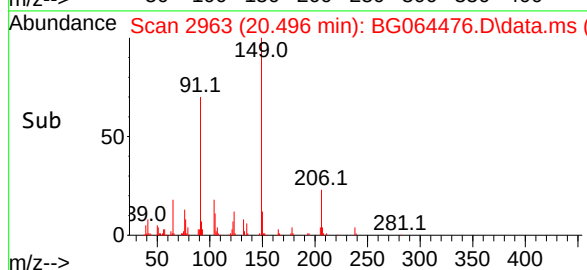
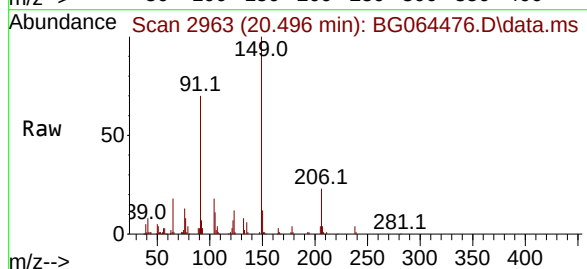
10/03/2025

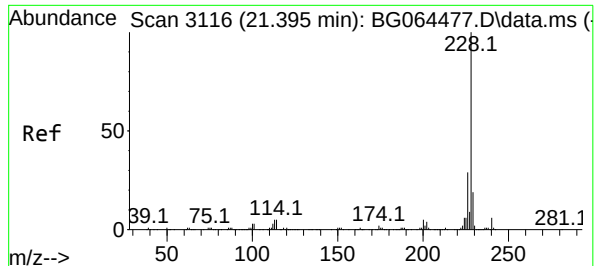
Supervised By :Jagrut
Upadhyay
10/03/2025



#80
Butylbenzylphthalate
Concen: 20.174 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

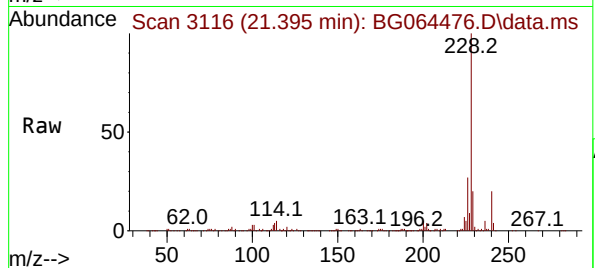
Tgt Ion:149 Resp: 77010
Ion Ratio Lower Upper
149 100
91 70.0 53.7 80.5
206 23.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 20.119 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

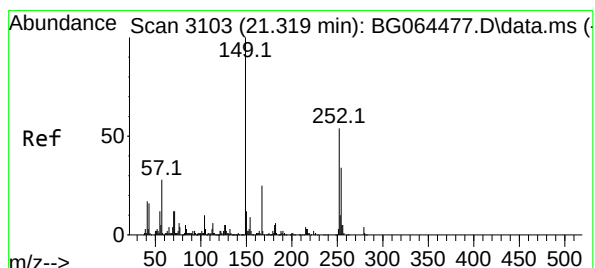
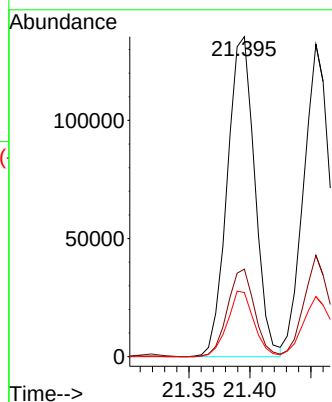
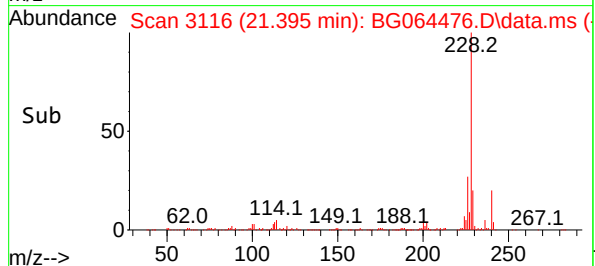
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 21316
Ion Ratio Lower Upper
228 100
226 27.4 22.8 34.2
229 20.1 15.2 22.8

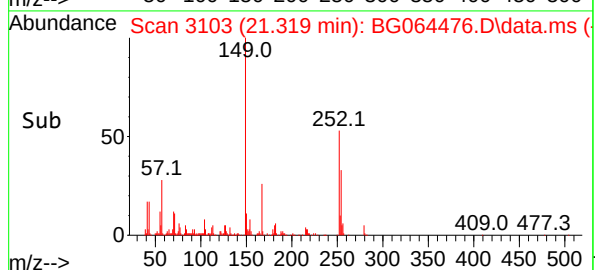
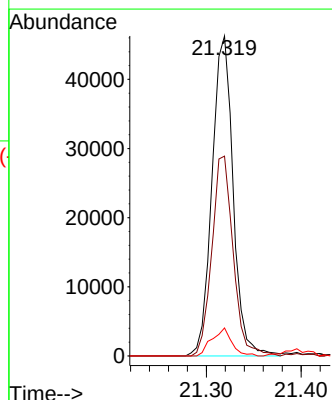
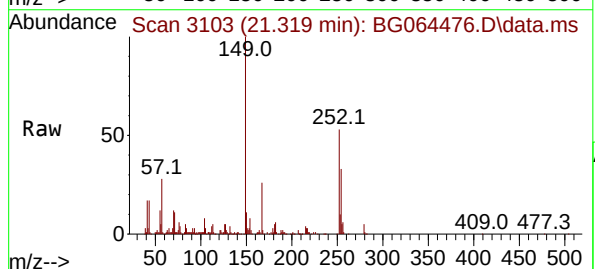
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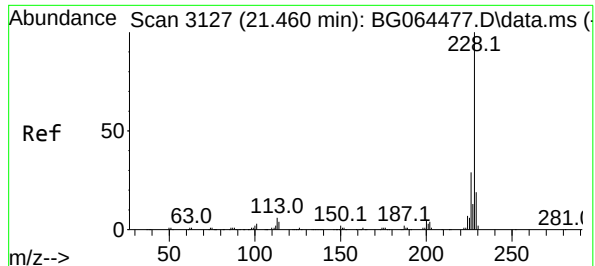
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.958 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

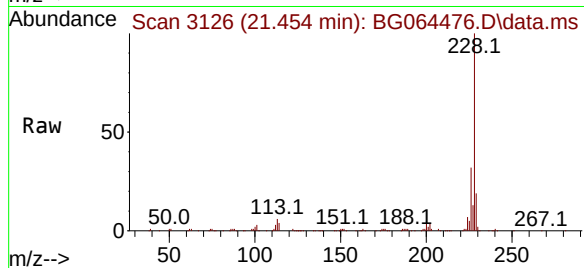
Tgt Ion:252 Resp: 71567
Ion Ratio Lower Upper
252 100
254 62.4 50.5 75.7
126 8.7 7.1 10.7





#83
Chrysene
Concen: 19.732 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

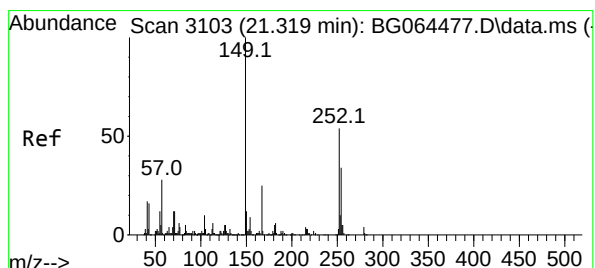
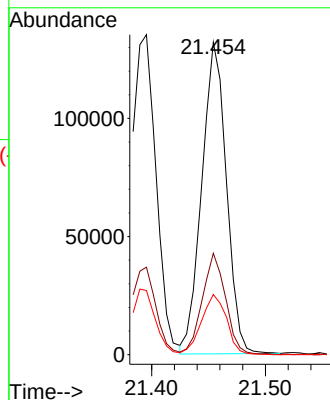
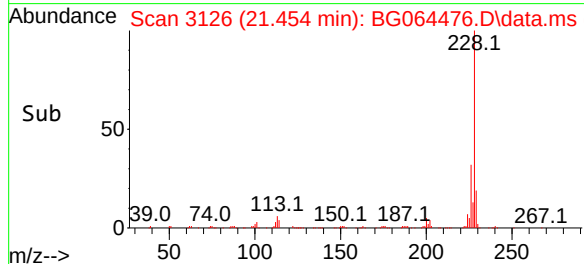
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 19826
Ion Ratio Lower Upper
228 100
226 32.4 22.8 34.2
229 19.3 15.4 23.0

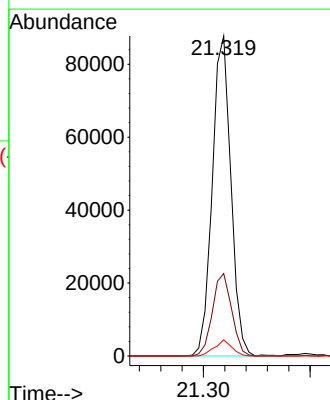
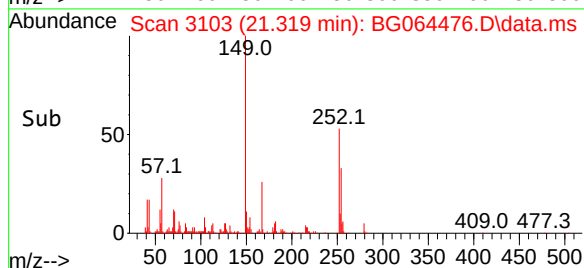
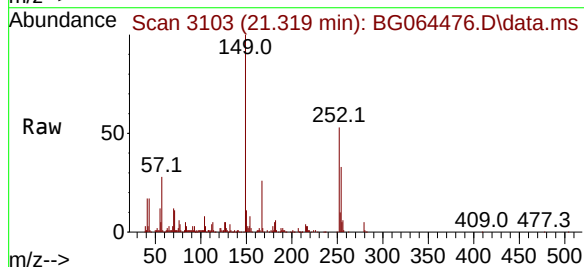
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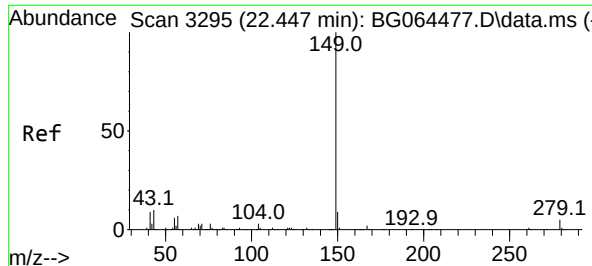
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.731 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

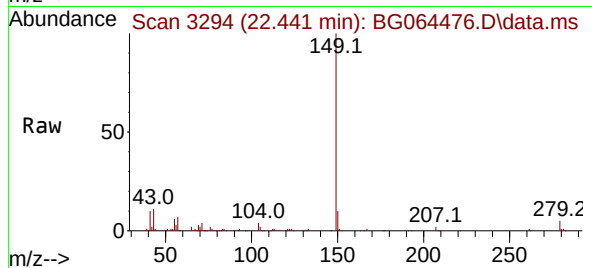
Tgt Ion:149 Resp: 106271
Ion Ratio Lower Upper
149 100
167 25.7 19.7 29.5
279 5.0 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 19.247 ng
RT: 22.441 min Scan# 3295
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

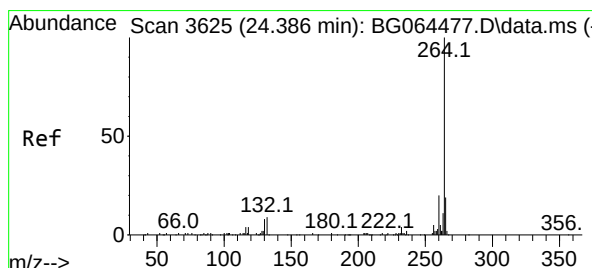
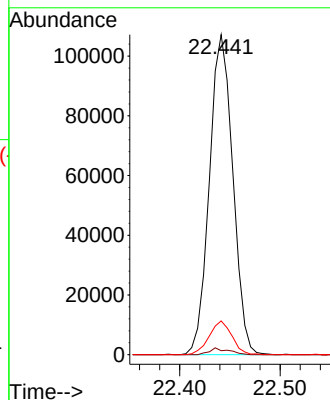
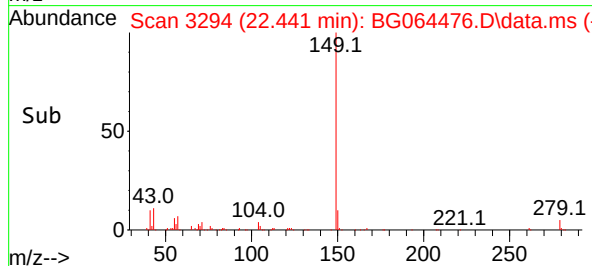
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 174229
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.2 7.9 11.9

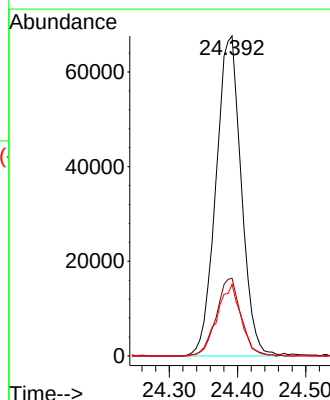
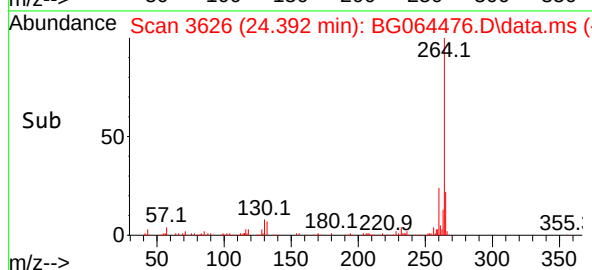
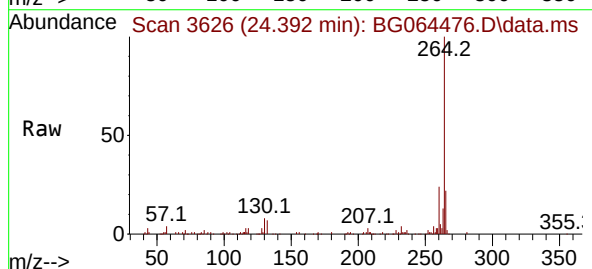
Manual Integrations
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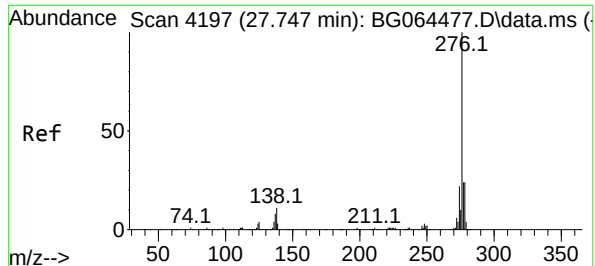
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

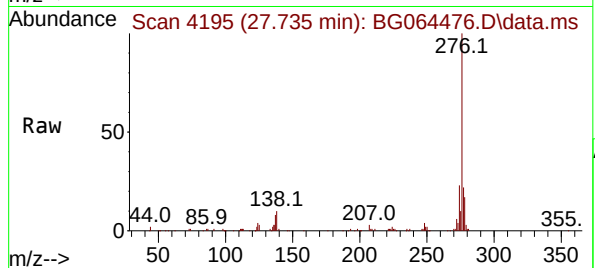
Tgt Ion:264 Resp: 174482
Ion Ratio Lower Upper
264 100
260 24.3 16.2 24.4
265 22.4 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.796 ng
RT: 27.735 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

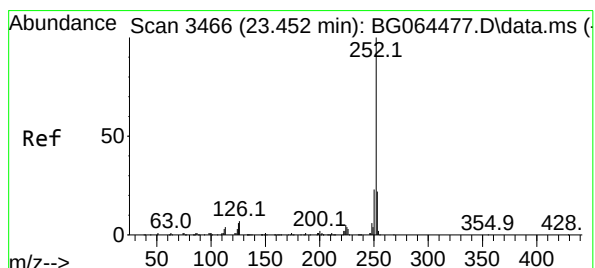
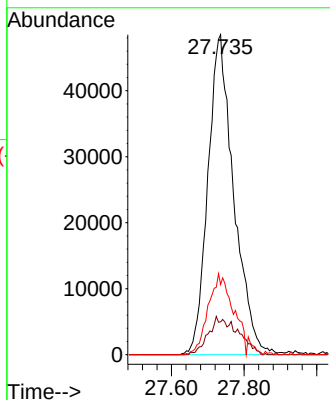
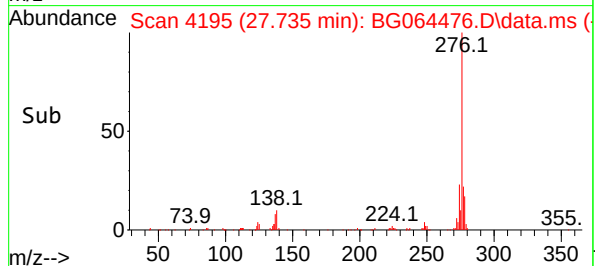


Tgt Ion: 276 Resp: 24042
Ion Ratio Lower Upper
276 100
138 13.5 10.8 16.2
277 24.2 20.3 30.5

Manual Integrations
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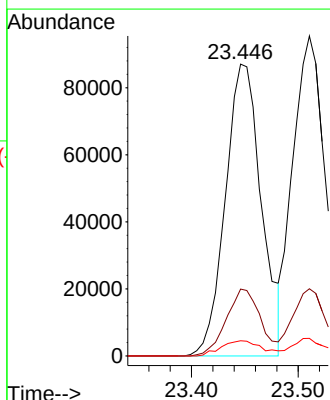
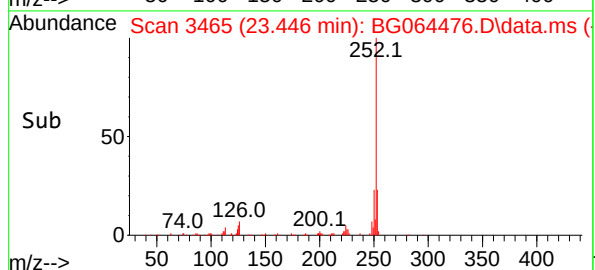
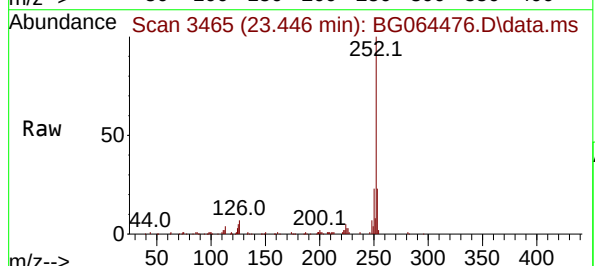
Reviewed By :Rahul
Chavli
10/03/2025

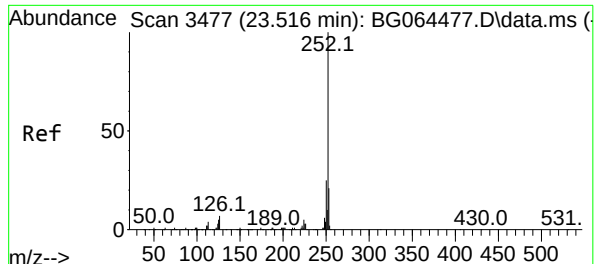
Supervised By :Jagrut
Upadhyay
10/03/2025



#88
Benzo(b)fluoranthene
Concen: 20.591 ng
RT: 23.446 min Scan# 3465
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion: 252 Resp: 204393
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 5.2 4.5 6.7





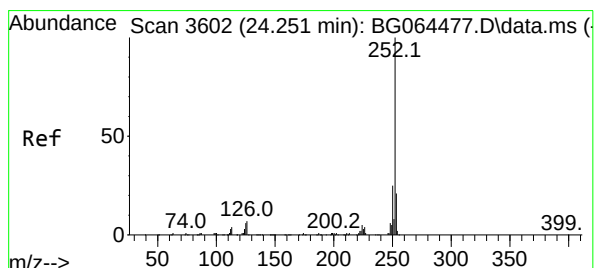
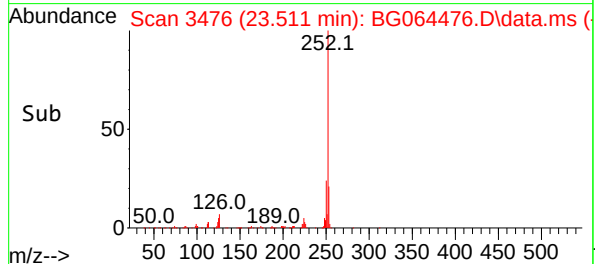
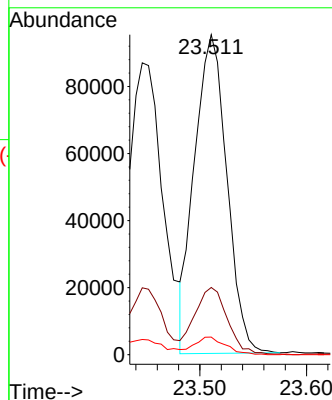
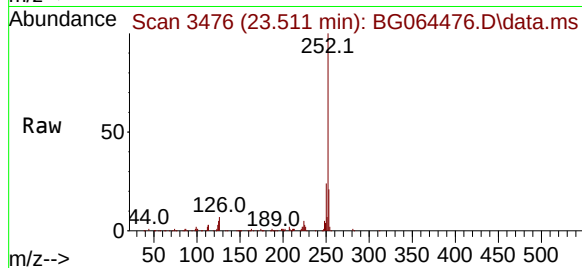
#89
Benzo(k)fluoranthene
Concen: 19.991 ng
RT: 23.511 min Scan# 3476
Delta R.T. 0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 19985
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 5.5 4.0 6.0

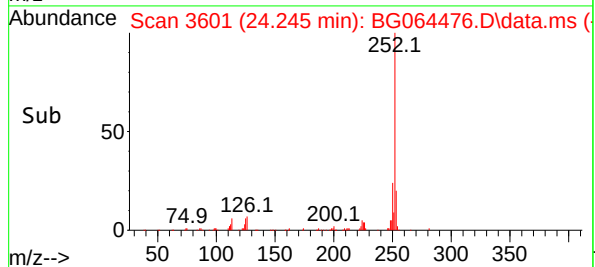
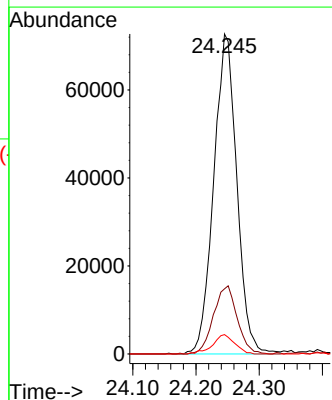
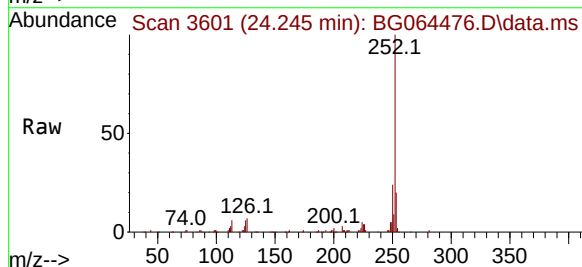
Manual Integrations
APPROVED

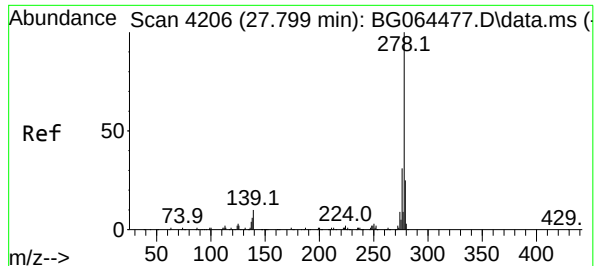
Reviewed By :Rahul
Chavli
10/03/2025
Supervised By :Jagrut
Upadhyay
10/03/2025



#90
Benzo(a)pyrene
Concen: 20.191 ng
RT: 24.245 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BG064476.D
Acq: 2 Oct 2025 11:33

Tgt Ion:252 Resp: 184712
Ion Ratio Lower Upper
252 100
253 20.3 17.1 25.7
125 6.1 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 20.134 ng

RT: 27.782 min Scan# 431

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 19555

Ion Ratio Lower Upper

278 100

139 7.9 8.2 12.2

279 23.3 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul

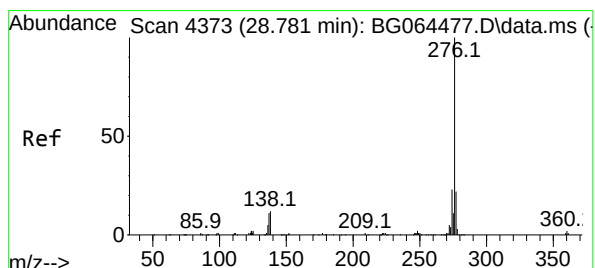
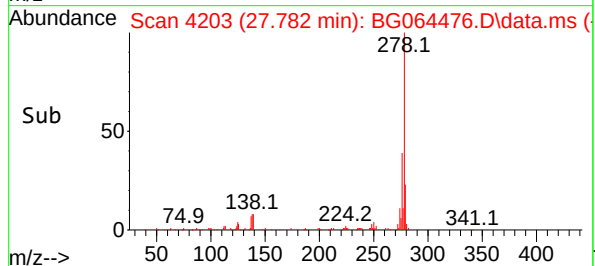
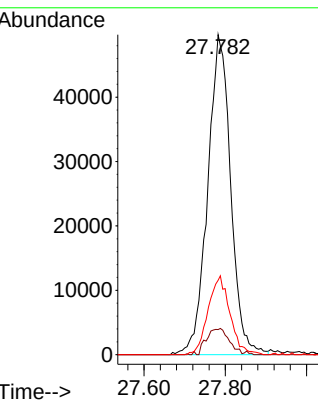
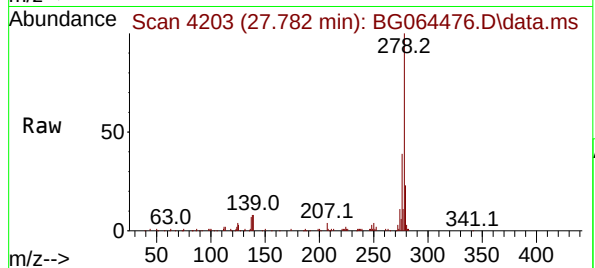
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#92

Benzo(g,h,i)perylene

Concen: 20.108 ng

RT: 28.769 min Scan# 4371

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

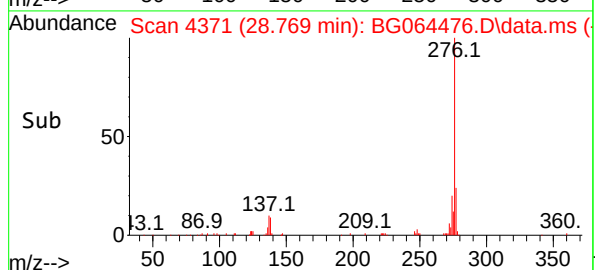
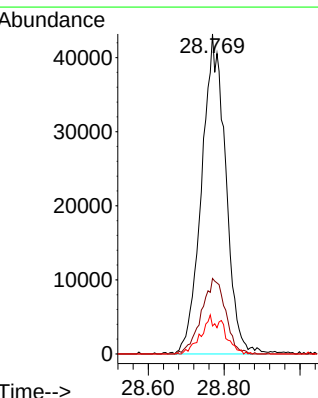
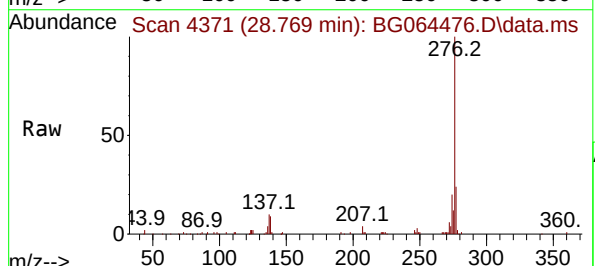
Tgt Ion:276 Resp: 189789

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 8.7 9.4 14.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064477.D
 Acq On : 2 Oct 2025 12:14
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:56 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	16827	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	74350	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	56405	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	137065	20.000	ng	0.00
76) Chrysene-d12	21.413	240	137806	20.000	ng	0.00
86) Perylene-d12	24.386	264	147142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	80402	88.428	ng	0.00
7) Phenol-d6	7.000	99	109762	89.832	ng	0.01
23) Nitrobenzene-d5	8.974	82	117636	85.074	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	85878	83.995	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	323605	84.566	ng	0.00
79) Terphenyl-d14	19.809	244	619099	85.021	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	14750	41.013	ng	100
3) Pyridine	3.716	79	41592	43.032	ng	100
4) n-Nitrosodimethylamine	3.628	42	29056	41.468	ng	100
6) Aniline	7.153	93	67996	44.118	ng	100
8) 2-Chlorophenol	7.394	128	48971	43.861	ng	100
9) Benzaldehyde	6.965	77	51397m	47.387	ng	
10) Phenol	7.024	94	56653	43.953	ng	100
11) bis(2-Chloroethyl)ether	7.247	93	38161	43.717	ng	100
12) 1,3-Dichlorobenzene	7.711	146	53245	43.595	ng	100
13) 1,4-Dichlorobenzene	7.858	146	53223	43.419	ng	100
14) 1,2-Dichlorobenzene	8.175	146	51602	42.713	ng	100
15) Benzyl Alcohol	8.058	79	48695	43.275	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.346	45	60702	43.142	ng	100
17) 2-Methylphenol	8.269	107	40881	43.800	ng	100
18) Hexachloroethane	8.904	117	20312	41.981	ng	100
19) n-Nitroso-di-n-propyla...	8.628	70	36888	45.142	ng	100
20) 3+4-Methylphenols	8.593	107	57201	43.917	ng	100
22) Acetophenone	8.640	105	76751	42.634	ng	100
24) Nitrobenzene	9.021	77	58730	42.592	ng	100
25) Isophorone	9.539	82	107231	42.808	ng	100
26) 2-Nitrophenol	9.727	139	28524	41.564	ng	100
27) 2,4-Dimethylphenol	9.791	122	44394	42.353	ng	100
28) bis(2-Chloroethoxy)met...	10.026	93	55697	43.620	ng	100
29) 2,4-Dichlorophenol	10.261	162	50964	42.046	ng	100
30) 1,2,4-Trichlorobenzene	10.479	180	56079	42.432	ng	100
31) Naphthalene	10.661	128	164638	43.002	ng	100
32) Benzoic acid	9.944	122	34057m	42.319	ng	
33) 4-Chloroaniline	10.767	127	62035	42.224	ng	100
34) Hexachlorobutadiene	10.949	225	47047	41.566	ng	100
35) Caprolactam	11.542	113	17062	41.118	ng	100
36) 4-Chloro-3-methylphenol	11.900	107	62176	42.181	ng	100
37) 2-Methylnaphthalene	12.271	142	125298	42.634	ng	100
38) 1-Methylnaphthalene	12.488	142	122645	41.851	ng	100
40) 1,2,4,5-Tetrachloroben...	12.641	216	79864	43.852	ng	100
41) Hexachlorocyclopentadiene	12.623	237	40946	42.981	ng	100
43) 2,4,6-Trichlorophenol	12.882	196	50247	43.159	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064477.D
 Acq On : 2 Oct 2025 12:14
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

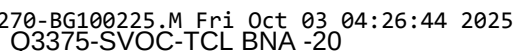
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	54781	42.147	ng	100
46) 1,1'-Biphenyl	13.287	154	171549	42.286	ng	100
47) 2-Chloronaphthalene	13.328	162	130095	42.951	ng	100
48) 2-Nitroaniline	13.528	65	44764	43.302	ng	100
49) Acenaphthylene	14.168	152	192196	42.745	ng	100
50) Dimethylphthalate	13.910	163	183253	41.482	ng	100
51) 2,6-Dinitrotoluene	14.027	165	38023	41.318	ng	100
52) Acenaphthene	14.515	154	130718	41.846	ng	100
53) 3-Nitroaniline	14.356	138	36025	42.448	ng	100
54) 2,4-Dinitrophenol	14.562	184	23359	35.006	ng	100
55) Dibenzofuran	14.850	168	215338	41.749	ng	100
56) 4-Nitrophenol	14.668	139	29383	43.974	ng	100
57) 2,4-Dinitrotoluene	14.815	165	59462	42.268	ng	100
58) Fluorene	15.496	166	180574	42.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.079	232	57000	42.971	ng	100
60) Diethylphthalate	15.273	149	195149	41.179	ng	100
61) 4-Chlorophenyl-phenyle...	15.496	204	97895	41.818	ng	100
62) 4-Nitroaniline	15.520	138	37694	42.613	ng	100
63) Azobenzene	15.784	77	151875	41.381	ng	100
65) 4,6-Dinitro-2-methylph...	15.579	198	39733	41.634	ng	100
66) n-Nitrosodiphenylamine	15.708	169	155849	42.580	ng	100
67) 4-Bromophenyl-phenylether	16.383	248	69462	43.066	ng	100
68) Hexachlorobenzene	16.501	284	79010	42.809	ng	100
69) Atrazine	16.660	200	68458	42.039	ng	100
70) Pentachlorophenol	16.848	266	46456	43.049	ng	100
71) Phenanthrene	17.235	178	304441	42.473	ng	100
72) Anthracene	17.324	178	309798	43.082	ng	100
73) Carbazole	17.594	167	270505	43.520	ng	100
74) Di-n-butylphthalate	18.158	149	325874	42.948	ng	100
75) Fluoranthene	19.245	202	364596	42.577	ng	100
77) Benzidine	19.421	184	178853	52.157	ng	100
78) Pyrene	19.603	202	383571	42.890	ng	100
80) Butylbenzylphthalate	20.496	149	136961	43.202	ng	100
81) Benzo(a)anthracene	21.395	228	373009	42.392	ng	100
82) 3,3'-Dichlorobenzidine	21.319	252	126107	42.345	ng	100
83) Chrysene	21.460	228	357557	42.849	ng	100
84) Bis(2-ethylhexyl)phtha...	21.319	149	190838	42.664	ng	100
85) Di-n-octyl phthalate	22.447	149	317830	42.277	ng	100
87) Indeno(1,2,3-cd)pyrene	27.747	276	439448	42.906	ng	100
88) Benzo(b)fluoranthene	23.452	252	356780	42.621	ng	100
89) Benzo(k)fluoranthene	23.516	252	362948	43.050	ng	100
90) Benzo(a)pyrene	24.251	252	330197	42.800	ng	100
91) Dibenzo(a,h)anthracene	27.799	278	350192	42.755	ng	100
92) Benzo(g,h,i)perylene	28.781	276	339180	42.613	ng	100

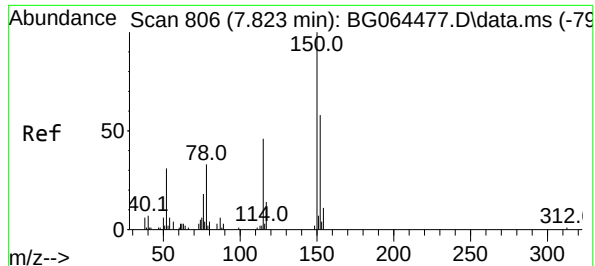
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Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations

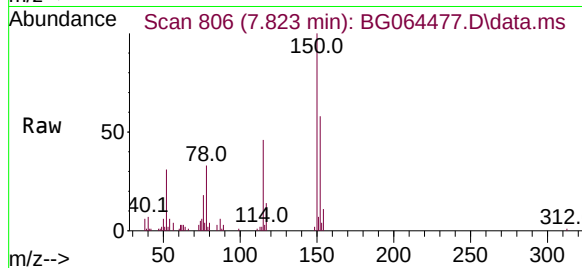
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

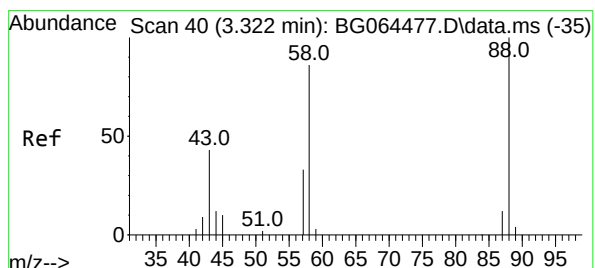
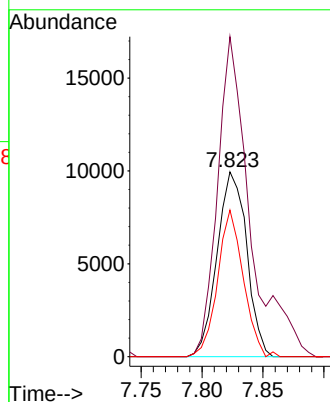
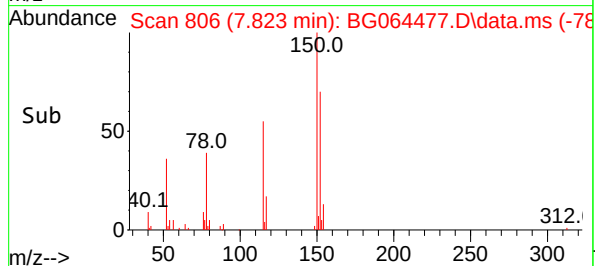
Instrument :
BNA_G
Client Sample Id :
SSTDICCC040



Tgt Ion: 152 Resp: 1682
Ion Ratio Lower Upper
152 100
150 173.2 138.6 207.8
115 79.3 63.4 95.2

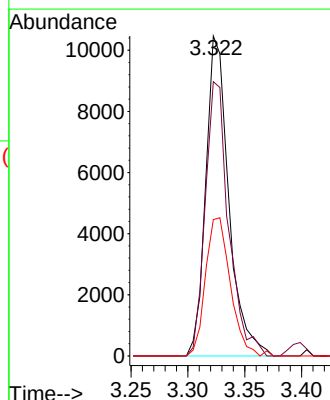
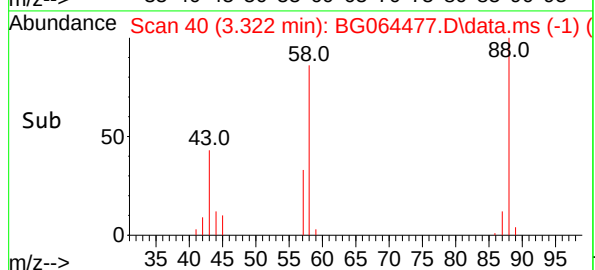
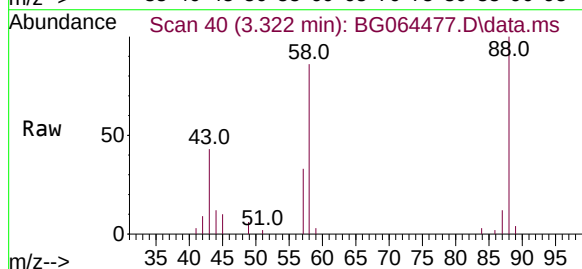
Manual Integrations
APPROVED

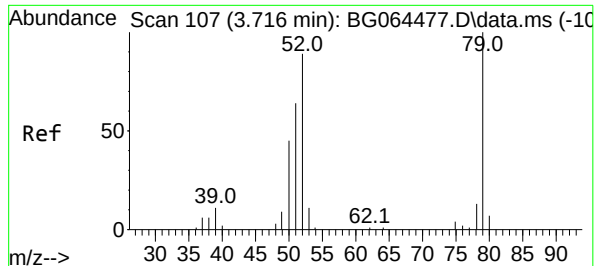
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 41.013 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 88 Resp: 14750
Ion Ratio Lower Upper
88 100
58 87.2 69.8 104.6
43 46.7 37.4 56.0





#3

Pyridine

Concen: 43.032 ng

RT: 3.716 min Scan# 10

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

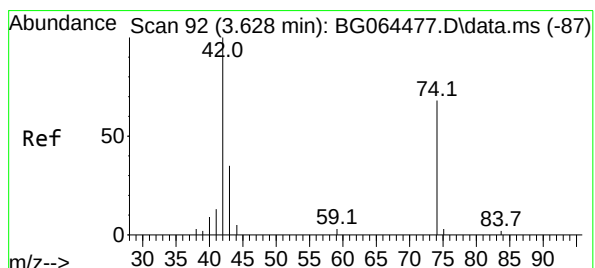
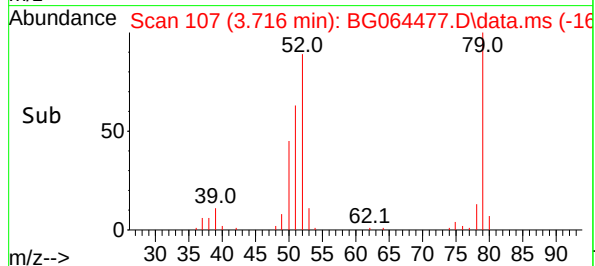
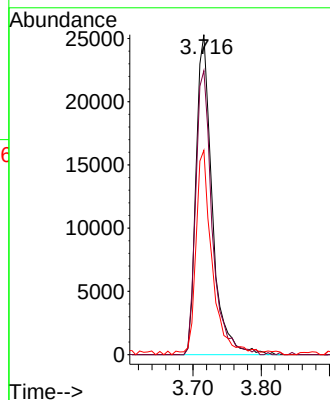
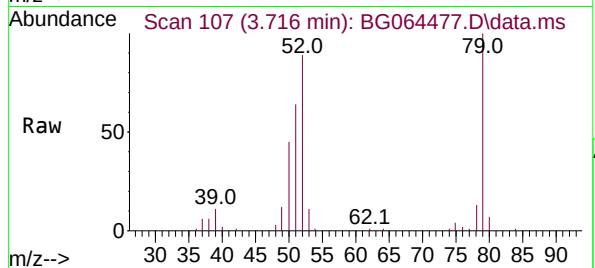
SSTDICCC040

Tgt Ion:	79	Resp:	41592
Ion	Ratio	Lower	Upper
79	100		
52	88.7	71.0	106.4
51	63.8	51.0	76.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#4

n-Nitrosodimethylamine

Concen: 41.468 ng

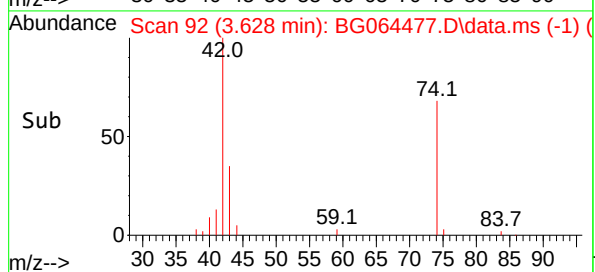
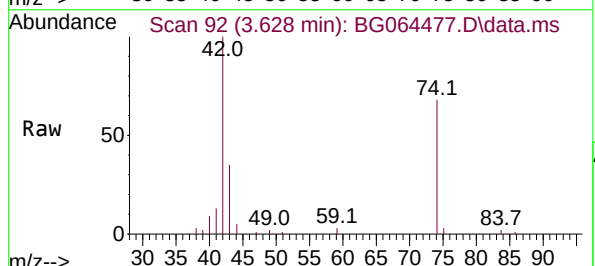
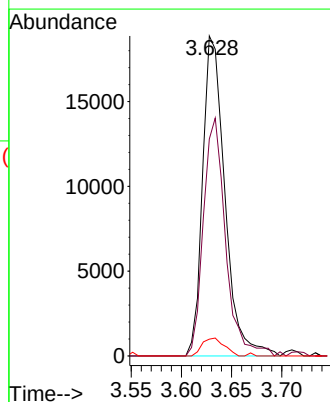
RT: 3.628 min Scan# 92

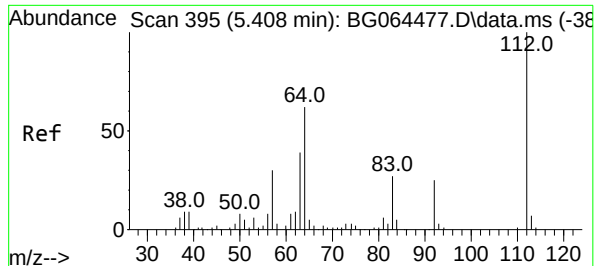
Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:	42	Resp:	29056
Ion	Ratio	Lower	Upper
42	100		
74	67.8	54.2	81.4
44	5.2	4.2	6.2





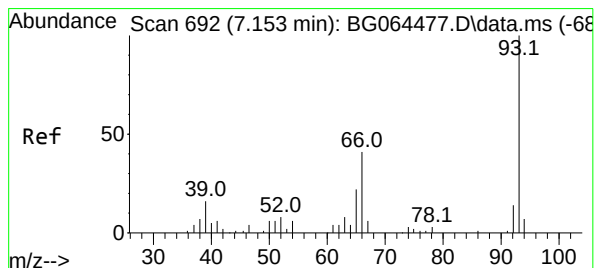
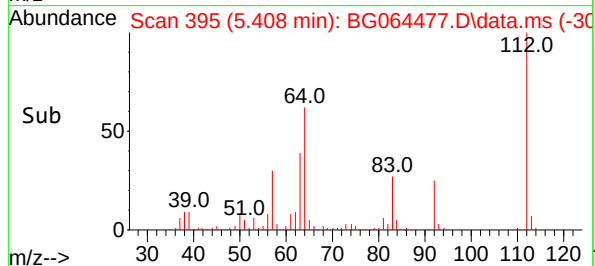
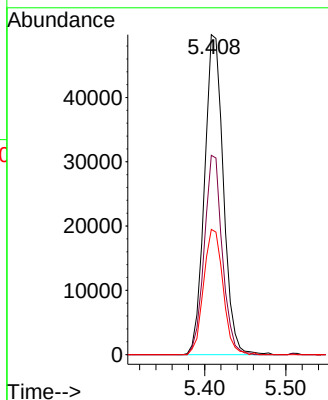
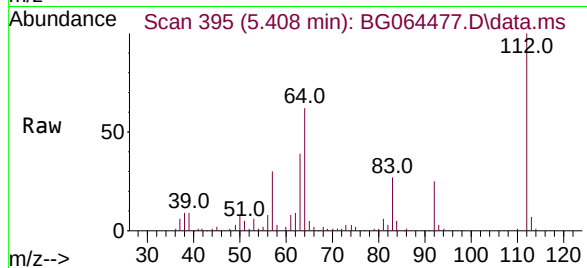
#5
2-Fluorophenol
Concen: 88.428 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 80402
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 39.1 31.3 46.9

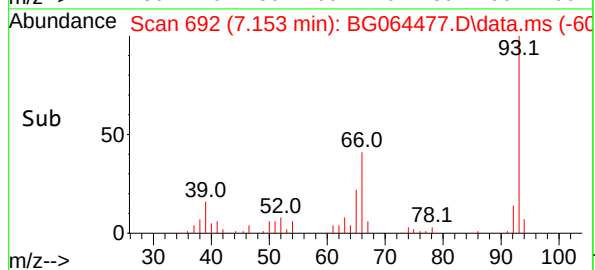
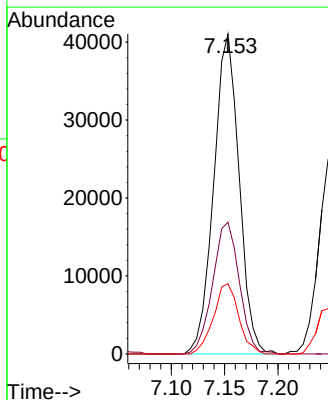
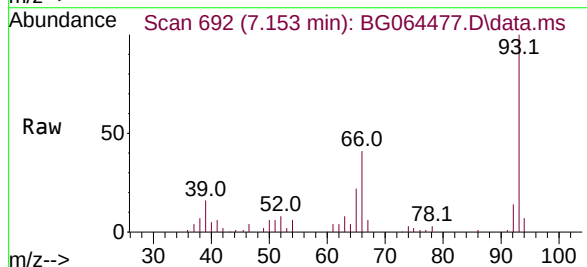
Manual Integrations
APPROVED

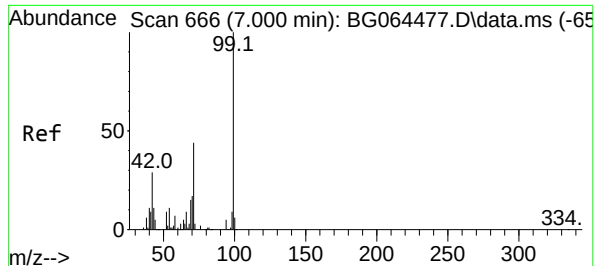
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 44.118 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion: 93 Resp: 67996
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.4
65 21.9 17.5 26.3





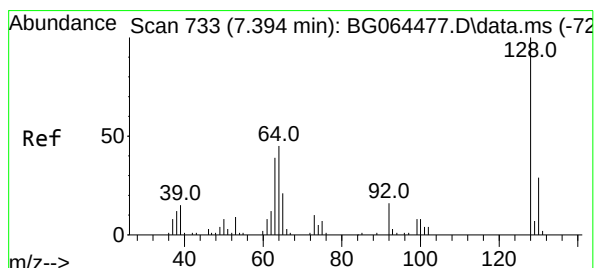
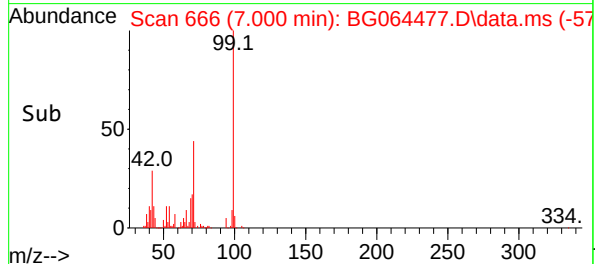
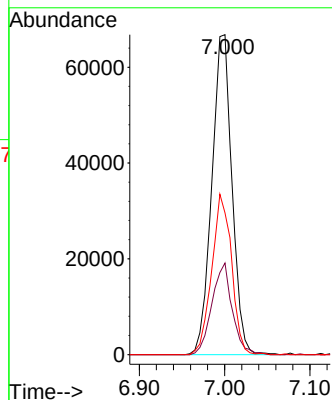
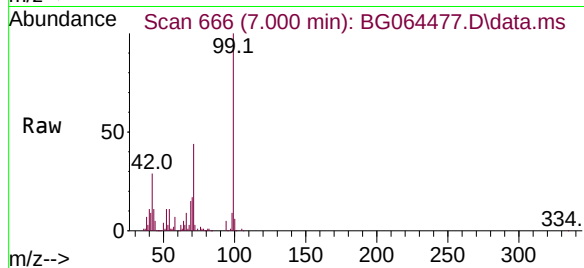
#7
Phenol-d6
Concen: 89.832 ng
RT: 7.000 min Scan# 666
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Instrument :
BNA_G
Client Sample Id :
SSTDICCC040

Tgt Ion: 99 Resp: 109762
Ion Ratio Lower Upper
99 100
42 28.6 22.9 34.3
71 44.3 35.4 53.2

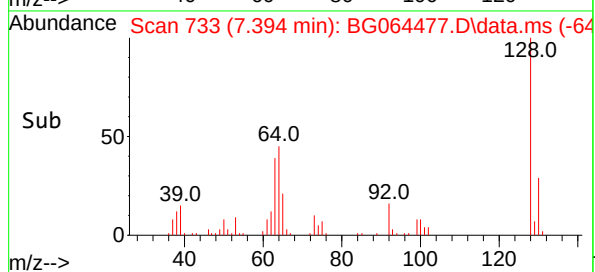
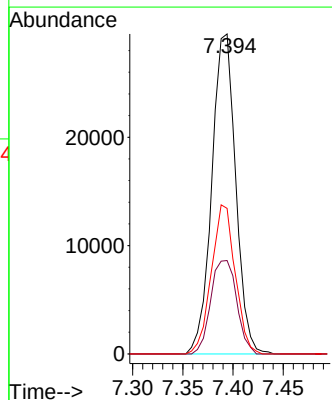
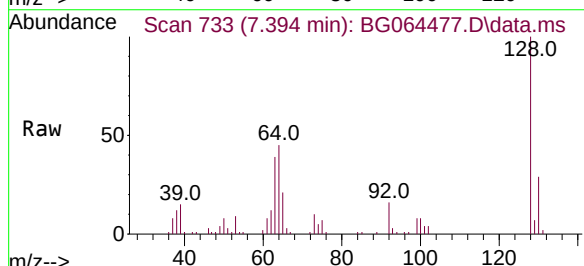
Manual Integrations
APPROVED

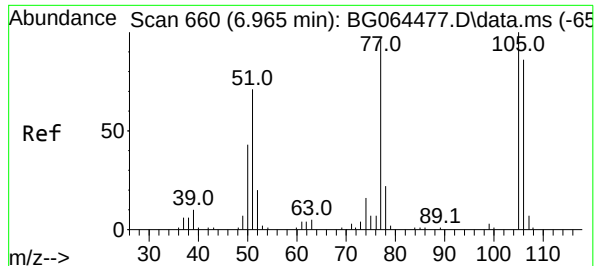
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 43.861 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:128 Resp: 48971
Ion Ratio Lower Upper
128 100
130 29.2 9.2 49.2
64 45.5 25.5 65.5





#9

Benzaldehyde

Concen: 47.387 ng m

RT: 6.965 min Scan# 60

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

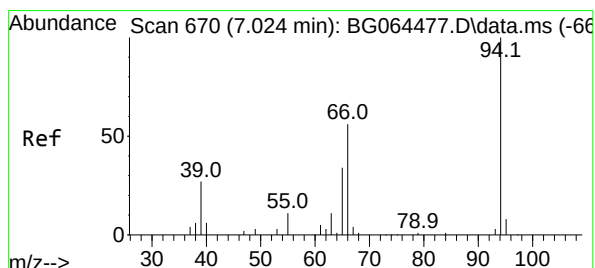
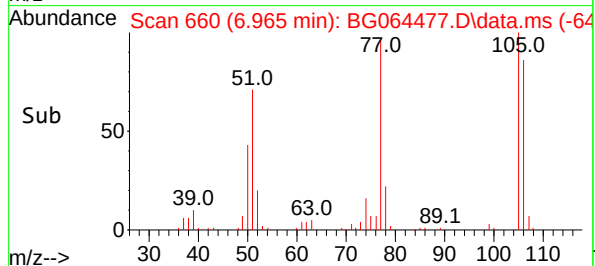
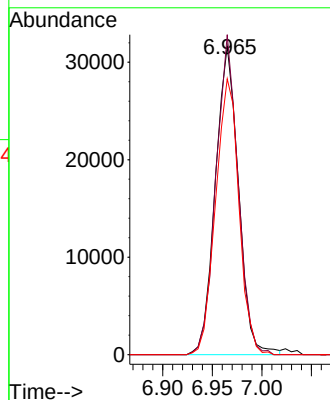
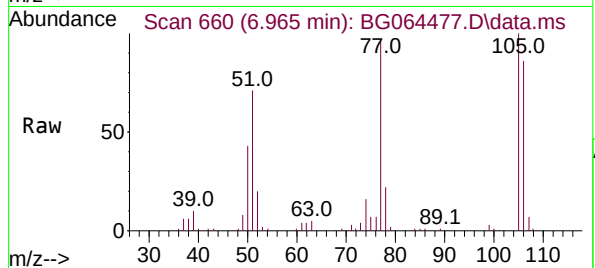
SSTDICCC040

Tgt Ion:	77	Resp:	5139
Ion	Ratio	Lower	Upper
77	100		
105	103.7	83.7	123.7
106	89.4	69.4	109.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#10

Phenol

Concen: 43.953 ng

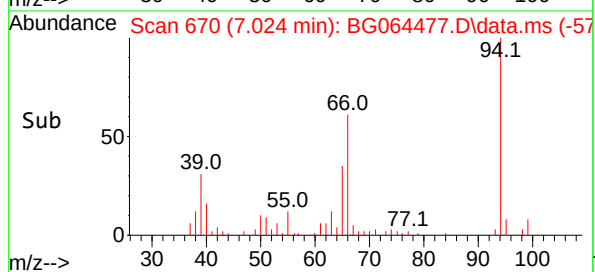
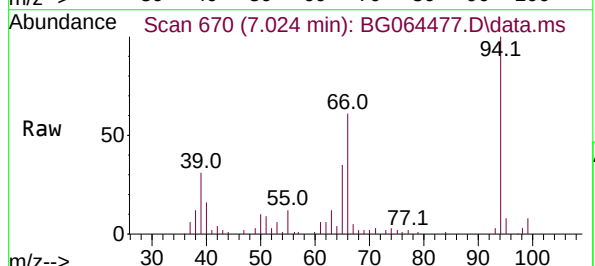
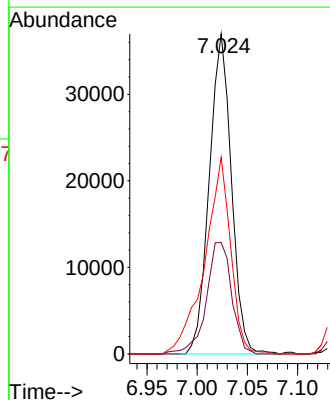
RT: 7.024 min Scan# 670

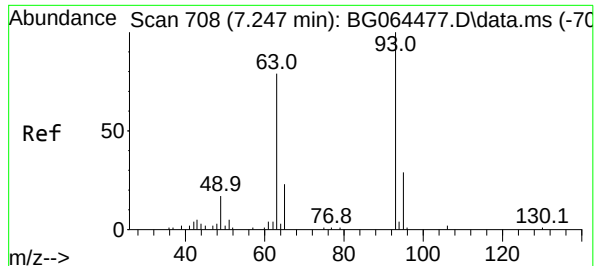
Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:	94	Resp:	56653
Ion	Ratio	Lower	Upper
94	100		
65	34.8	14.8	54.8
66	61.4	41.4	81.4





#11

bis(2-Chloroethyl)ether

Concen: 43.717 ng

RT: 7.247 min Scan# 708

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 3816

Ion Ratio Lower Upper

93 100

63 79.5 59.5 99.5

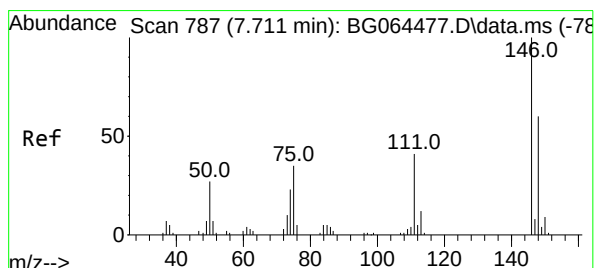
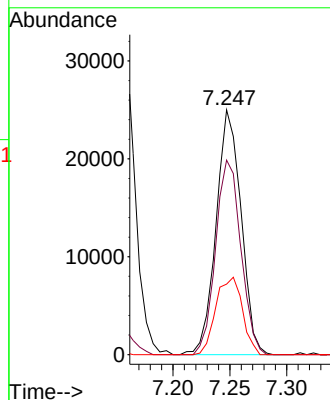
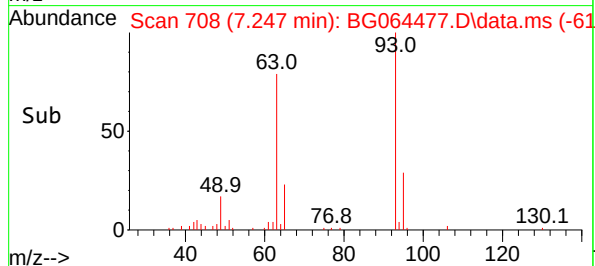
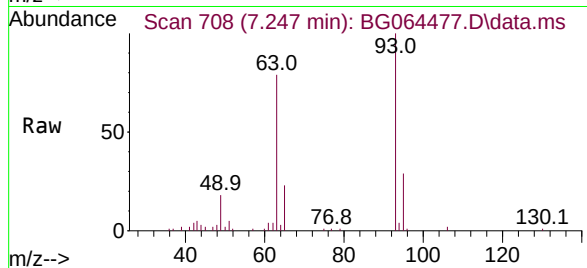
95 28.8 8.8 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 43.595 ng

RT: 7.711 min Scan# 787

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

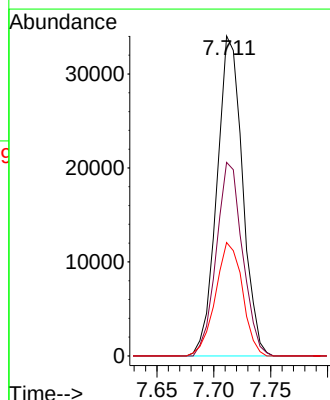
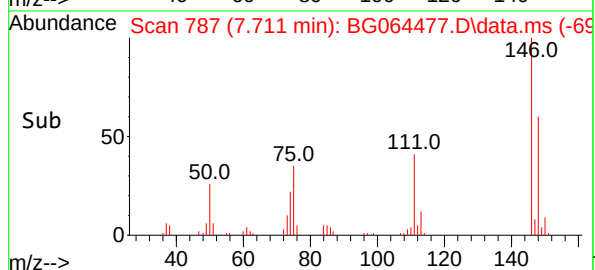
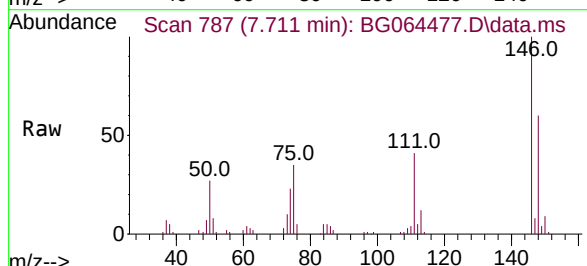
Tgt Ion:146 Resp: 53245

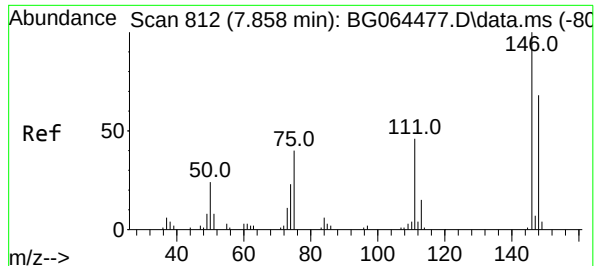
Ion Ratio Lower Upper

146 100

148 60.5 48.4 72.6

75 35.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 43.419 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 53223

Ion Ratio Lower Upper

146 100

148 68.0 54.4 81.6

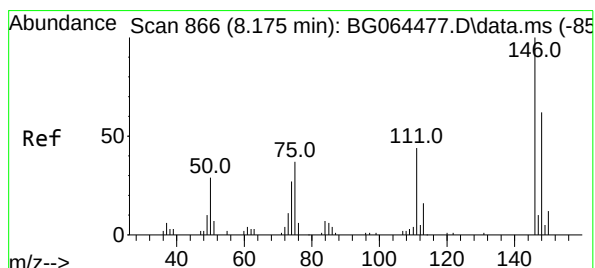
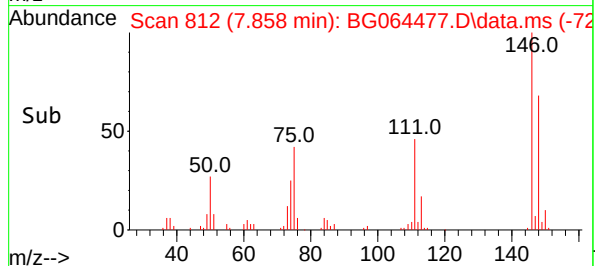
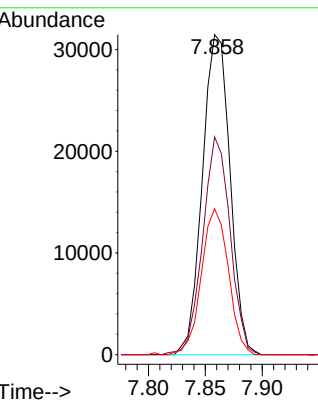
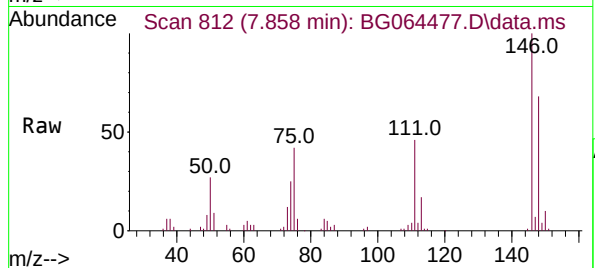
111 45.6 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 42.713 ng

RT: 8.175 min Scan# 866

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

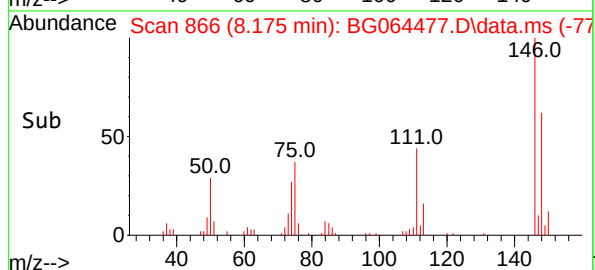
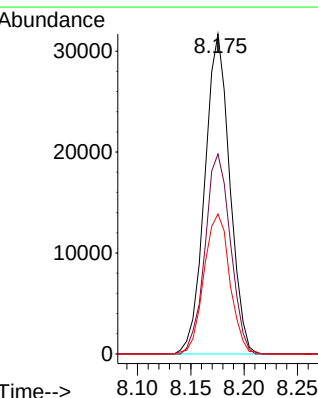
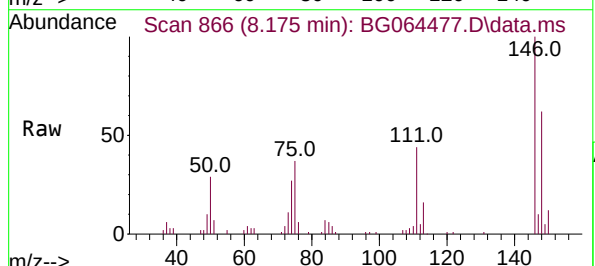
Tgt Ion:146 Resp: 51602

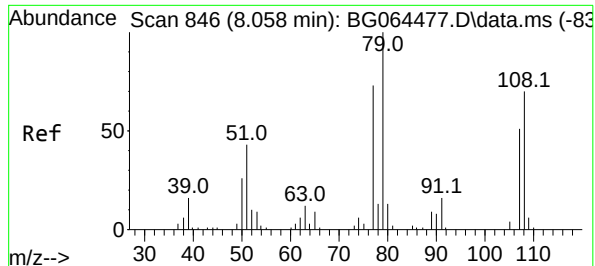
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 43.7 35.0 52.4





#15

Benzyl Alcohol

Concen: 43.275 ng

RT: 8.058 min Scan# 846

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

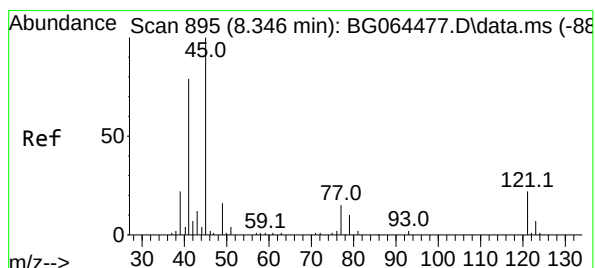
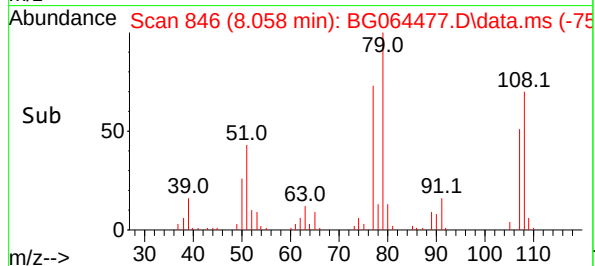
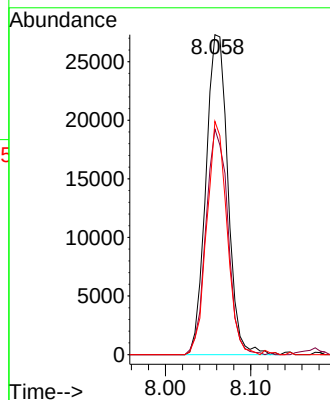
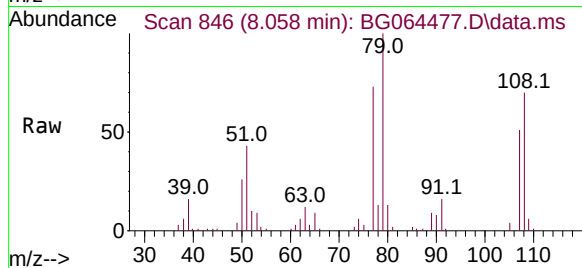
SSTDICCC040

Tgt Ion:	79	Resp:	48695
Ion	Ratio	Lower	Upper
79	100		
108	70.5	56.4	84.6
77	72.9	58.3	87.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.142 ng

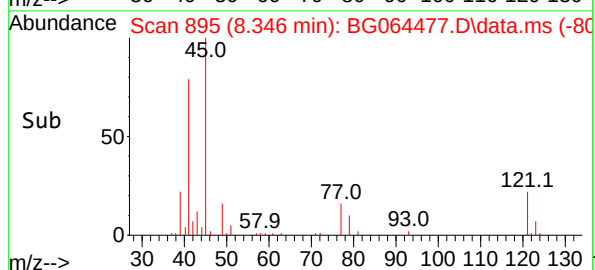
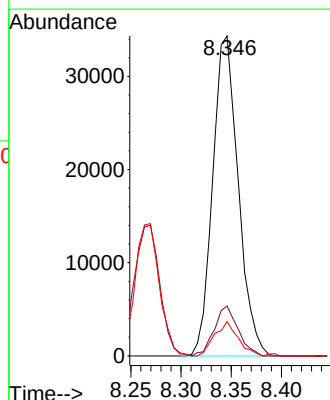
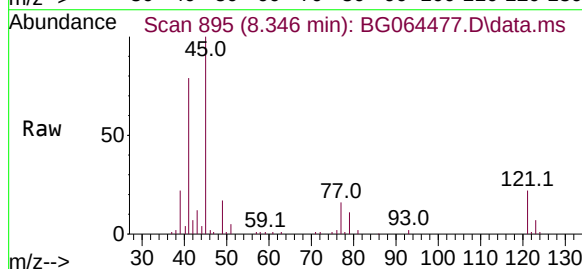
RT: 8.346 min Scan# 895

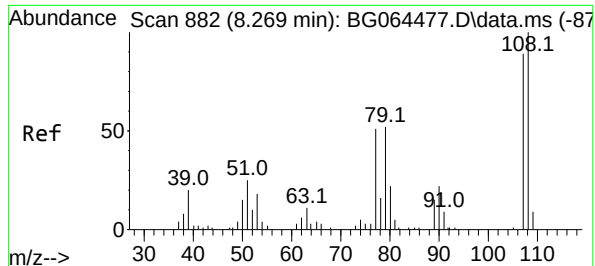
Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:	45	Resp:	60702
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.6
79	10.7	0.0	30.7





#17

2-Methylphenol

Concen: 43.800 ng

RT: 8.269 min Scan# 882

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 4088

Ion Ratio Lower Upper

107 100

108 112.9 90.3 135.5

77 57.5 46.0 69.0

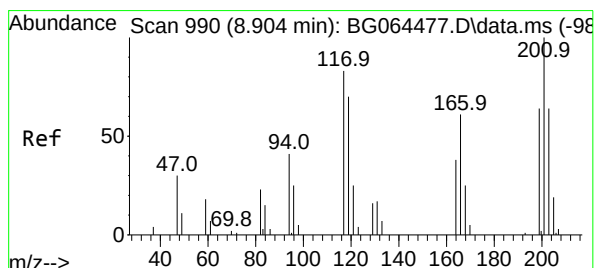
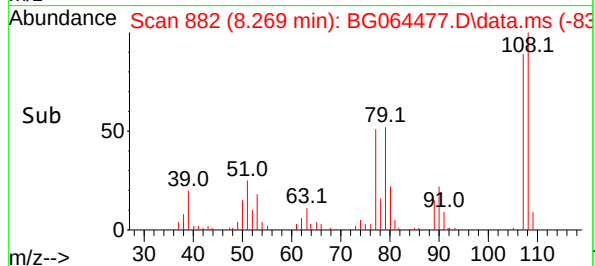
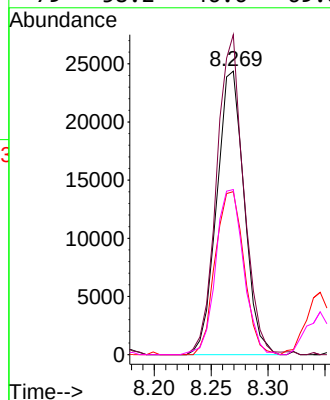
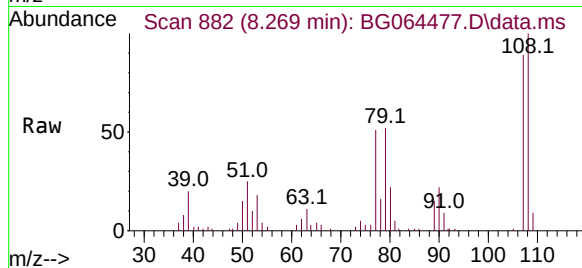
79 58.2 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 41.981 ng

RT: 8.904 min Scan# 990

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

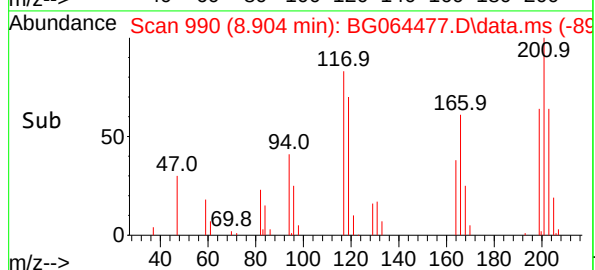
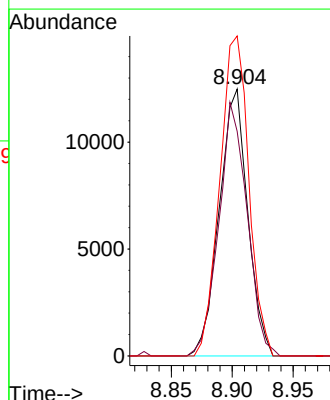
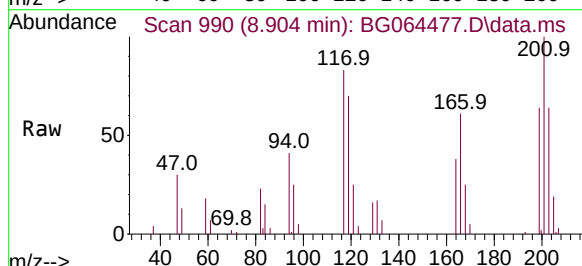
Tgt Ion:117 Resp: 20312

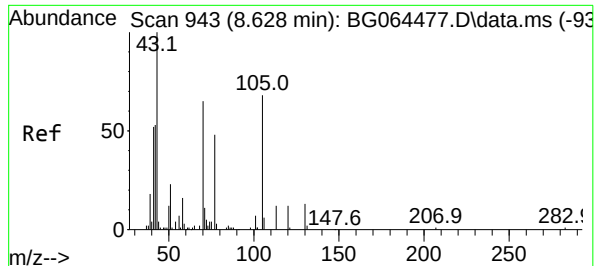
Ion Ratio Lower Upper

117 100

119 84.2 67.4 101.0

201 119.9 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.142 ng

RT: 8.628 min Scan# 943

Delta R.T. 0.014 min

Lab File: BG064477.D

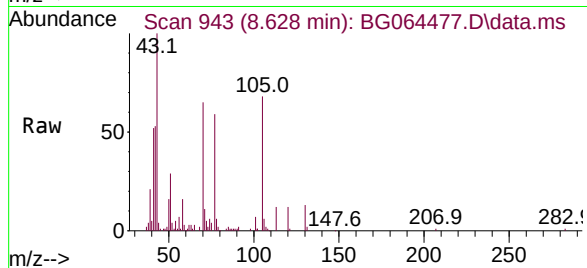
Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion: 70 Resp: 3688

Ion Ratio Lower Upper

70 100

42 81.1 64.9 97.3

101 10.9 8.7 13.1

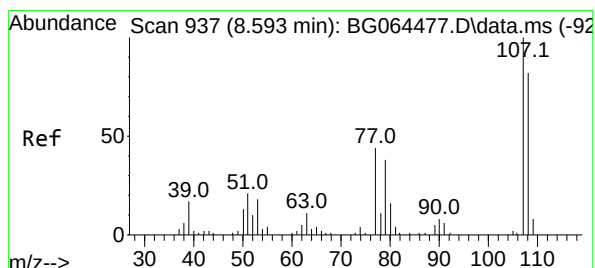
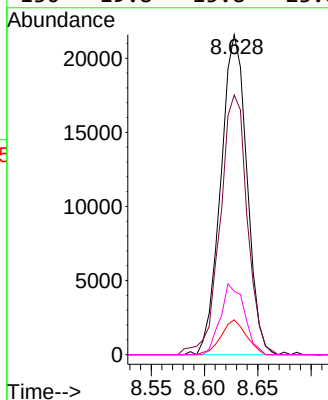
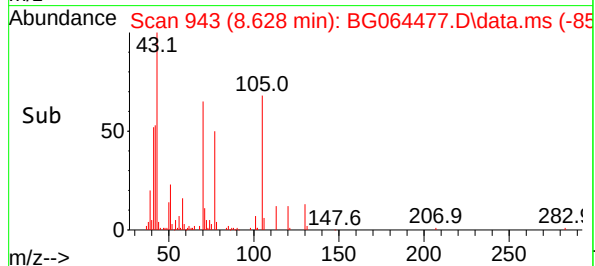
130 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 43.917 ng

RT: 8.593 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 57201

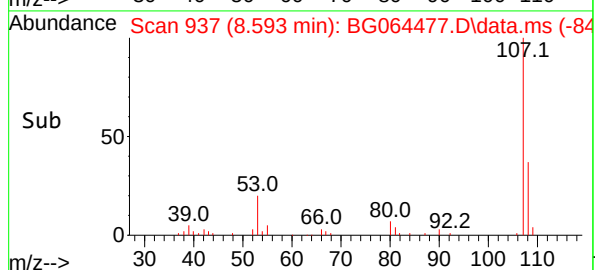
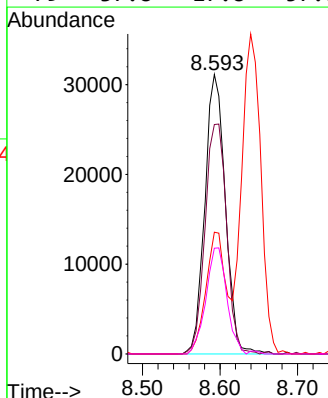
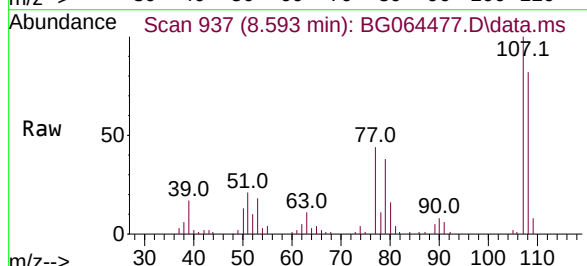
Ion Ratio Lower Upper

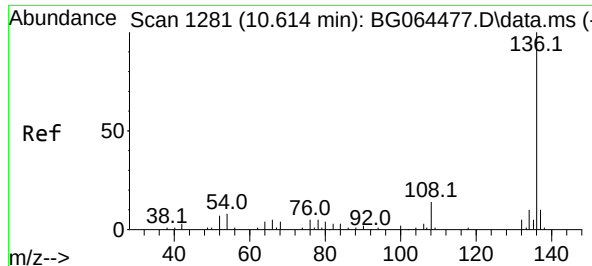
107 100

108 82.1 62.1 102.1

77 43.5 23.5 63.5

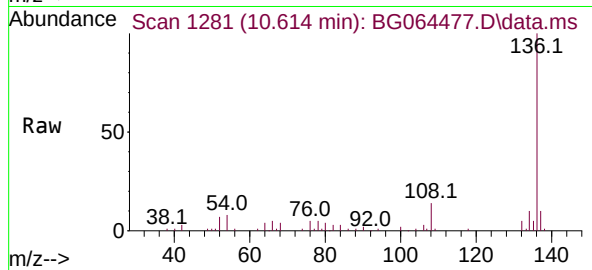
79 37.8 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

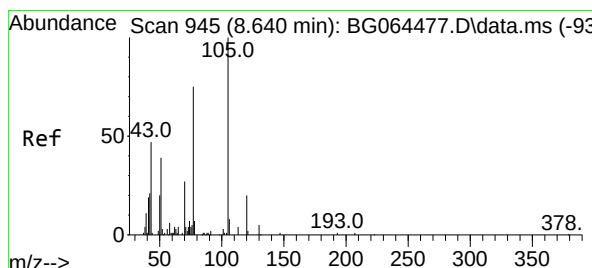
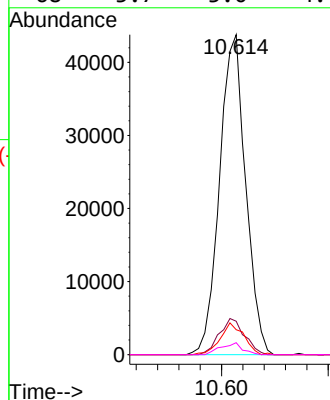
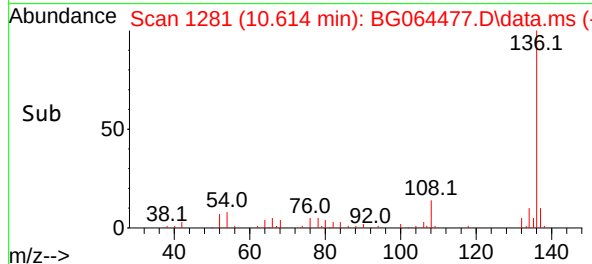
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 74350
Ion Ratio Lower Upper
136 100
137 10.4 8.3 12.5
54 7.8 6.2 9.4
68 3.7 3.0 4.4

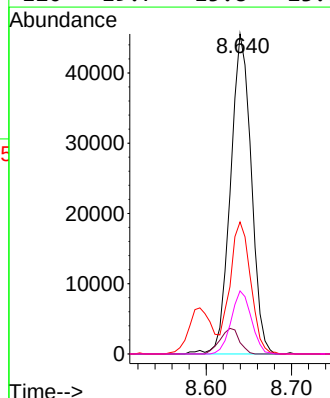
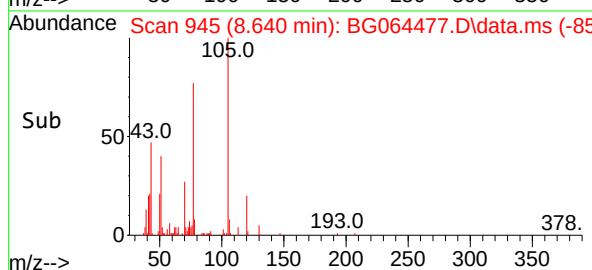
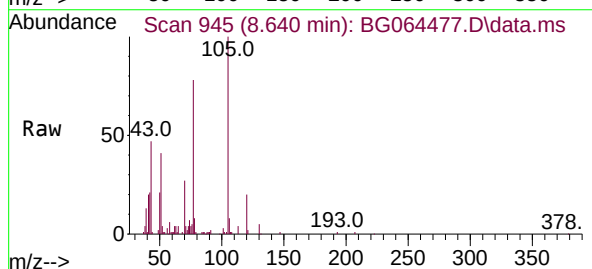
Manual Integrations
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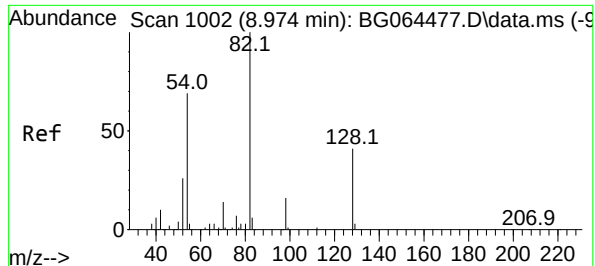
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 42.634 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:105 Resp: 76751
Ion Ratio Lower Upper
105 100
71 3.5 2.8 4.2
51 41.2 33.0 49.4
120 19.7 15.8 23.6





#23

Nitrobenzene-d5

Concen: 85.074 ng

RT: 8.974 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 117636

Ion Ratio Lower Upper

82 100

128 41.4 33.1 49.7

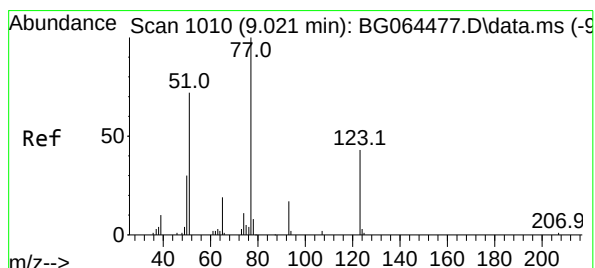
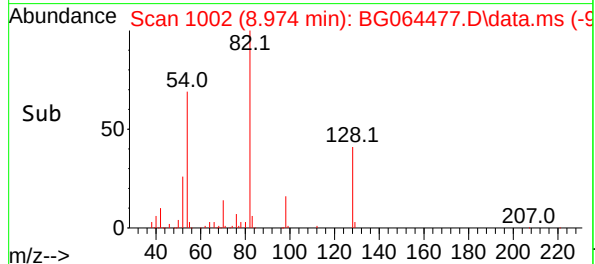
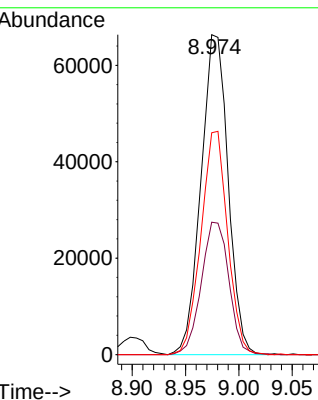
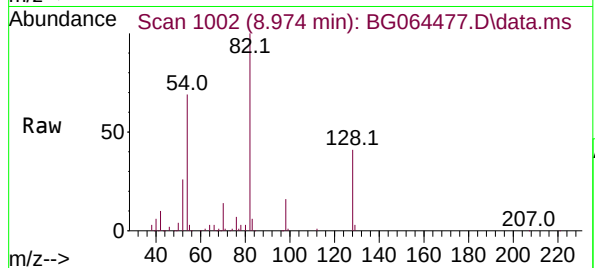
54 69.3 55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 42.592 ng

RT: 9.021 min Scan# 1010

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

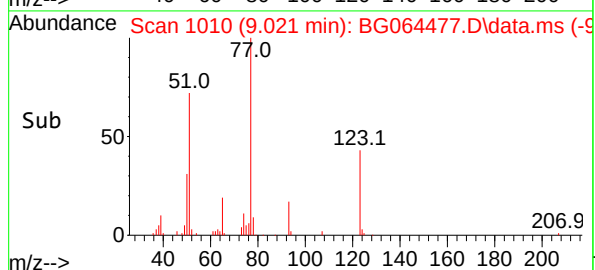
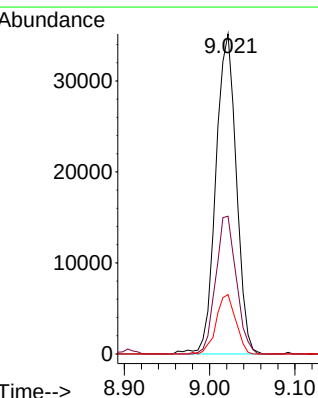
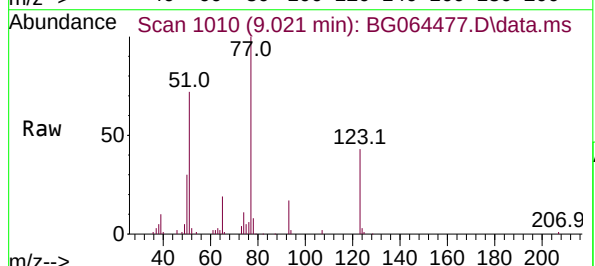
Tgt Ion: 77 Resp: 58730

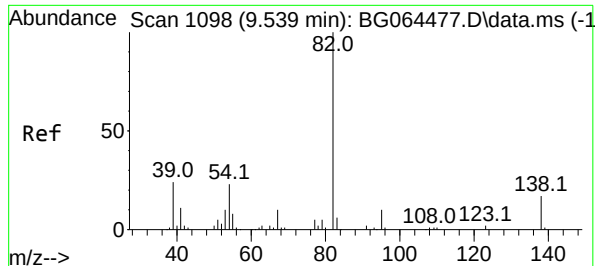
Ion Ratio Lower Upper

77 100

123 43.0 34.4 51.6

65 18.5 14.8 22.2





#25

Isophorone

Concen: 42.808 ng

RT: 9.539 min Scan# 1098

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 10723

Ion Ratio Lower Upper

82 100

95 9.8 7.8 11.8

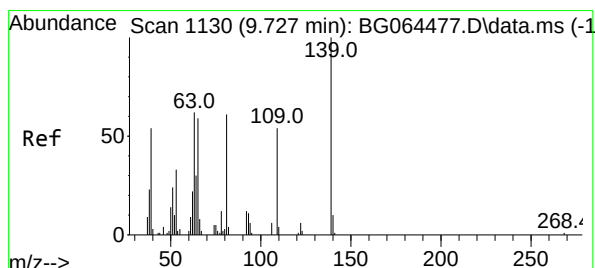
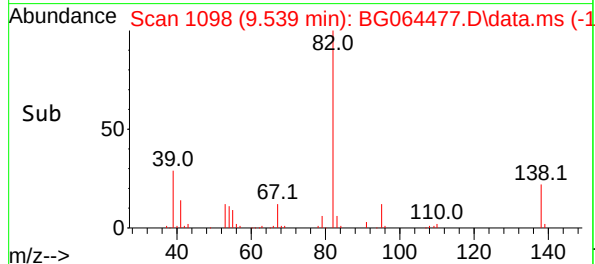
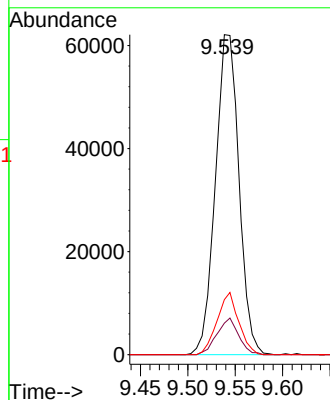
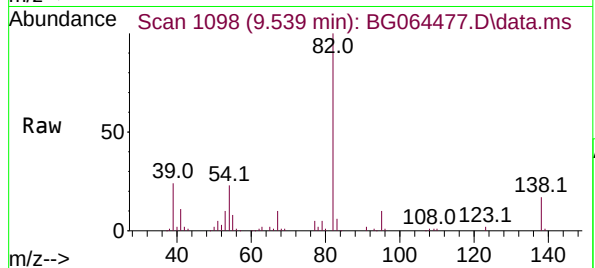
138 17.2 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 41.564 ng

RT: 9.727 min Scan# 1130

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

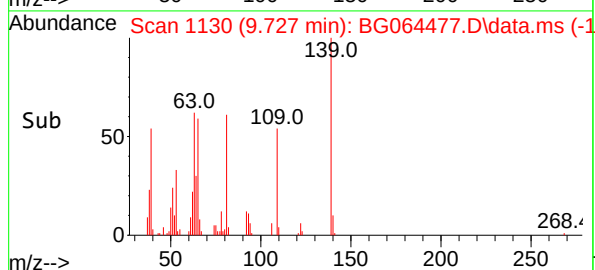
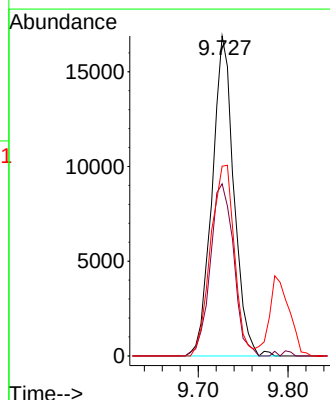
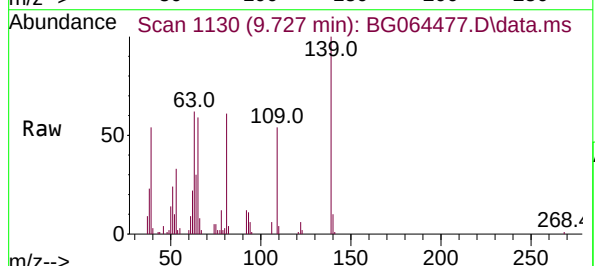
Tgt Ion:139 Resp: 28524

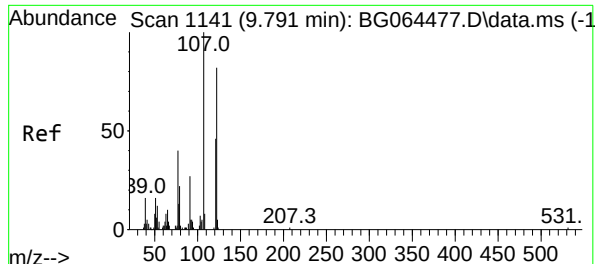
Ion Ratio Lower Upper

139 100

109 53.8 43.0 64.6

65 59.3 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 42.353 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

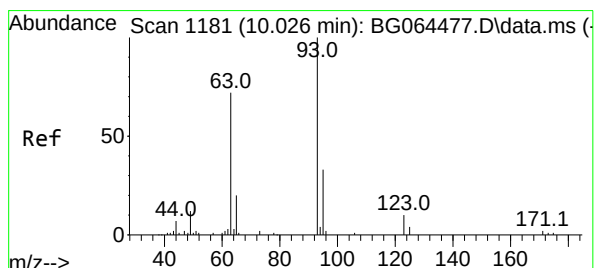
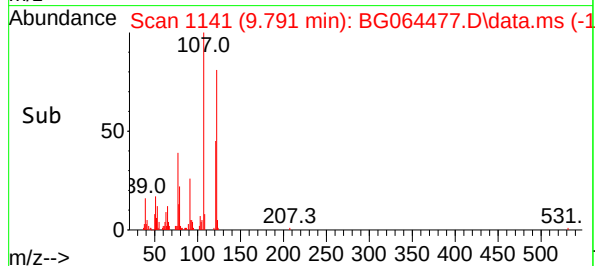
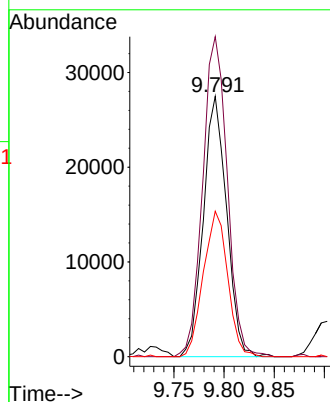
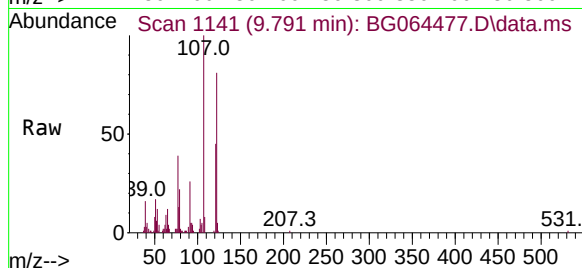
SSTDICCC040

Tgt Ion:	122	Resp:	44394
Ion	Ratio	Lower	Upper
122	100		
107	122.9	98.3	147.5
121	55.9	44.7	67.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.620 ng

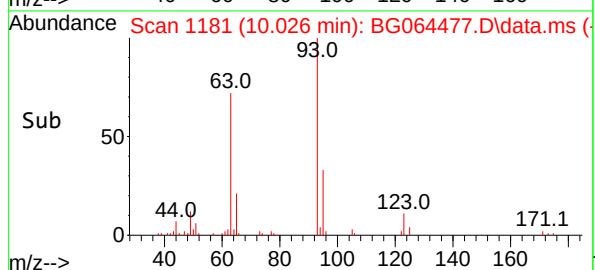
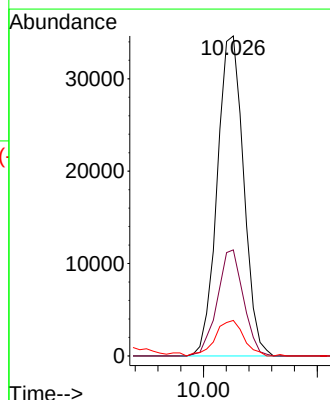
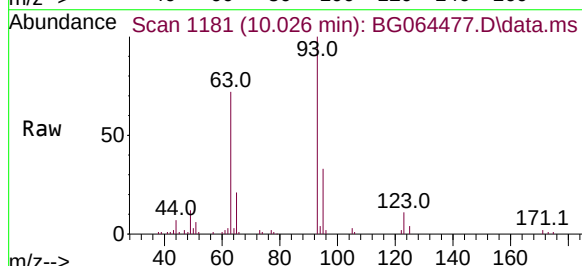
RT: 10.026 min Scan# 1181

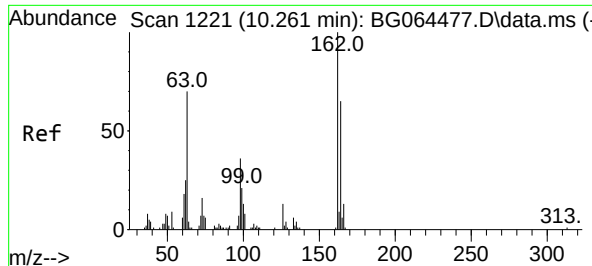
Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:	93	Resp:	55697
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.1	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 42.046 ng

RT: 10.261 min Scan# 1221

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

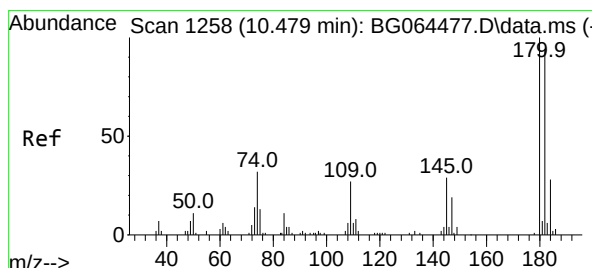
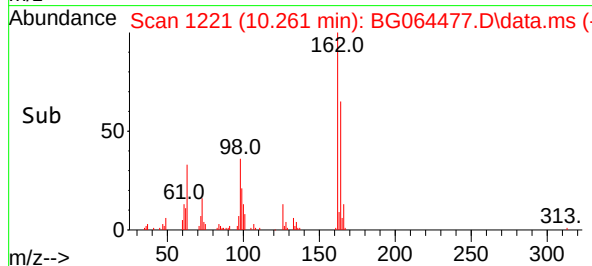
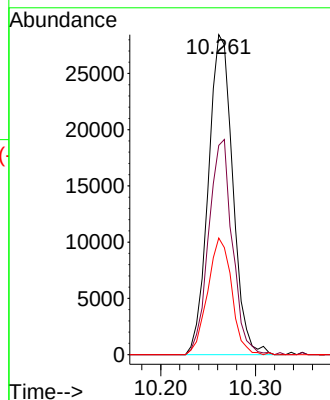
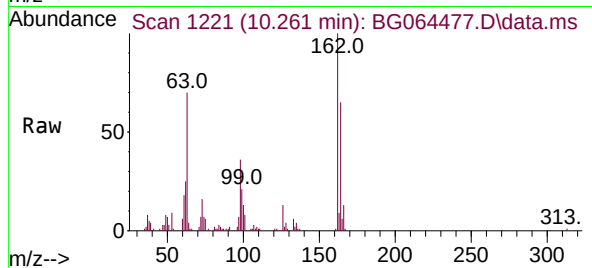
SSTDICCC040

Tgt Ion:	162	Resp:	50964
Ion Ratio	Lower	Upper	
162	100		
164	65.4	45.4	85.4
98	36.4	16.4	56.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.432 ng

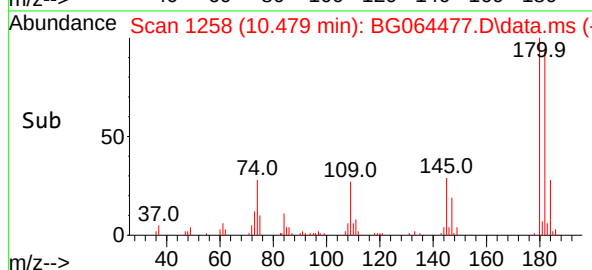
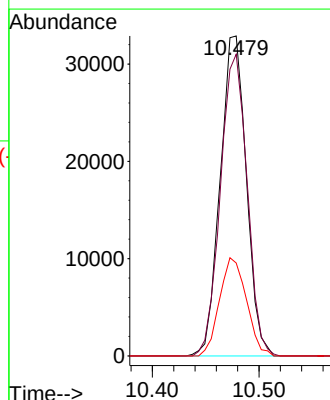
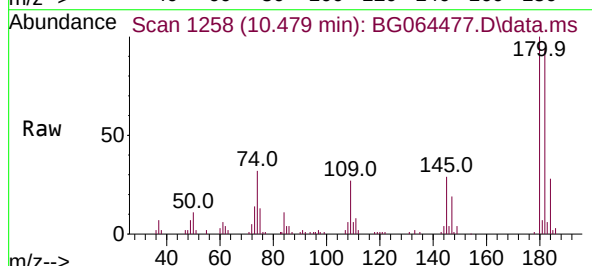
RT: 10.479 min Scan# 1258

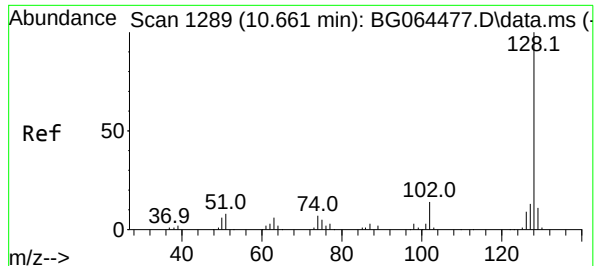
Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

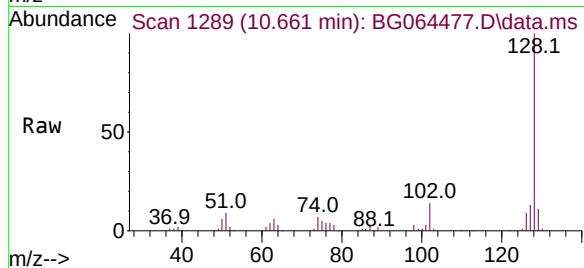
Tgt Ion:	180	Resp:	56079
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.4	113.2
145	29.0	23.2	34.8





#31
Naphthalene
Concen: 43.002 ng
RT: 10.661 min Scan# 1289
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

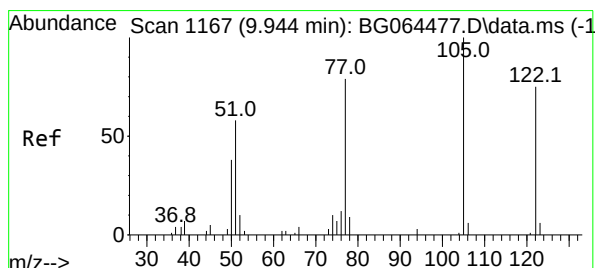
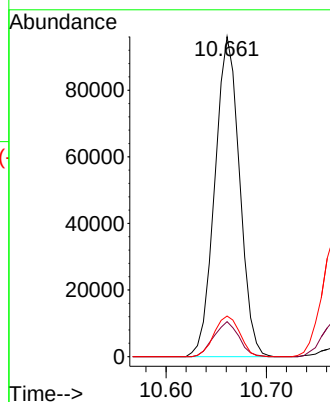
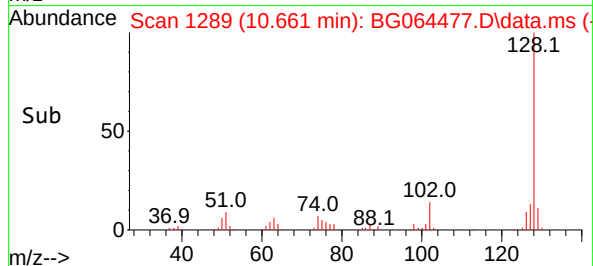
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 164638
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.7 10.2 15.2

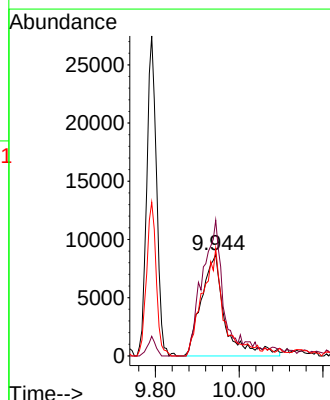
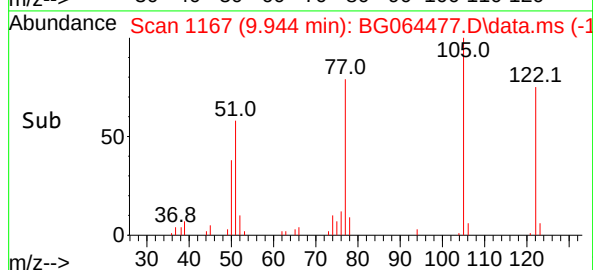
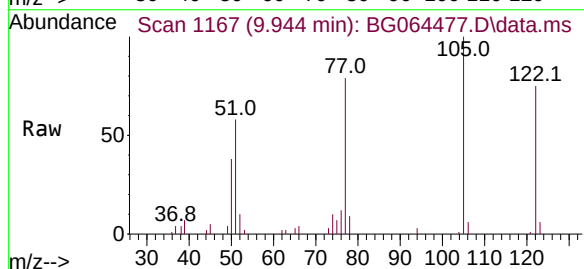
Manual Integrations
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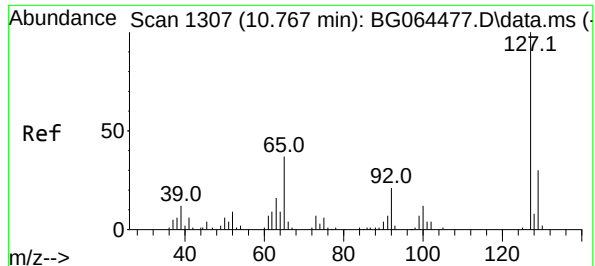
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 42.319 ng m
RT: 9.944 min Scan# 1167
Delta R.T. 0.055 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

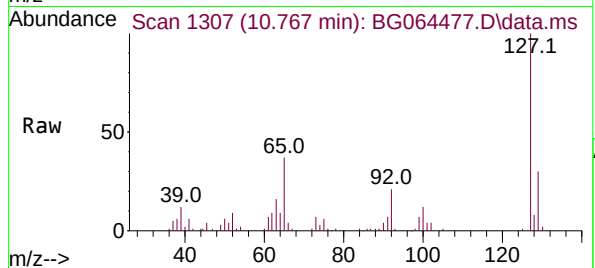
Tgt Ion:122 Resp: 34057
Ion Ratio Lower Upper
122 100
105 133.9 113.9 153.9
77 106.1 86.1 126.1





#33
4-Chloroaniline
Concen: 42.224 ng
RT: 10.767 min Scan# 1307
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

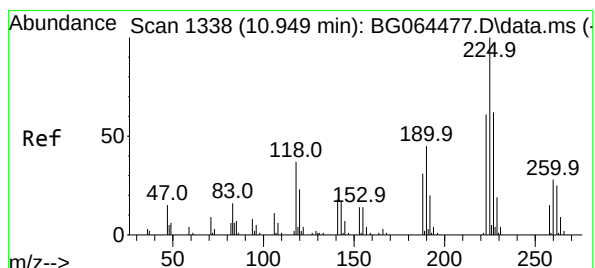
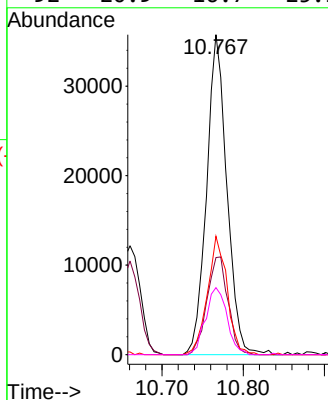
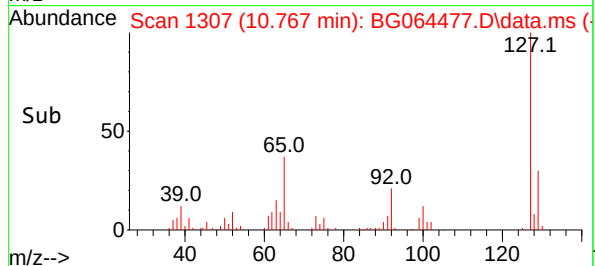
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 62035
Ion Ratio Lower Upper
127 100
129 30.3 24.2 36.4
65 37.0 29.6 44.4
92 20.9 16.7 25.1

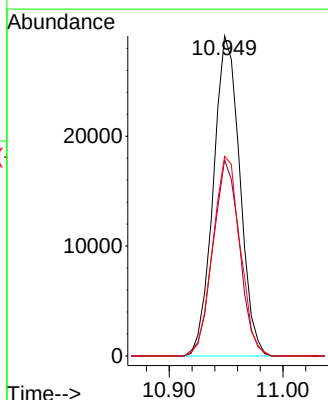
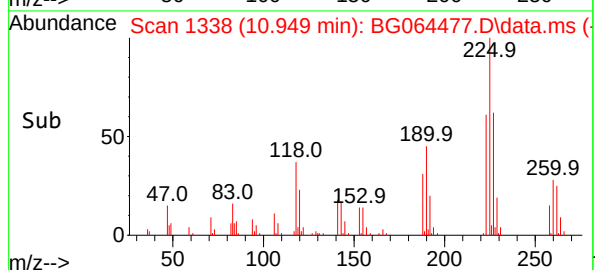
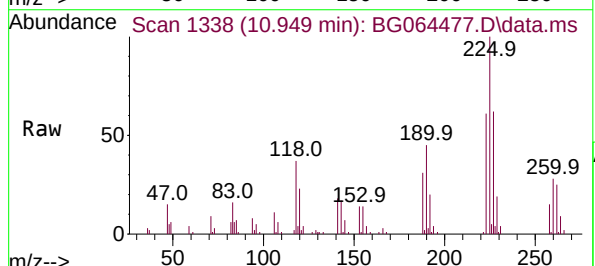
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APPROVED

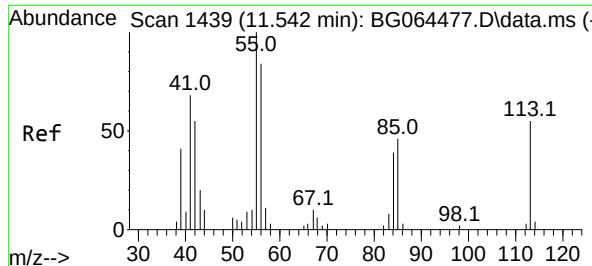
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 41.566 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:225 Resp: 47047
Ion Ratio Lower Upper
225 100
223 61.3 49.0 73.6
227 62.4 49.9 74.9





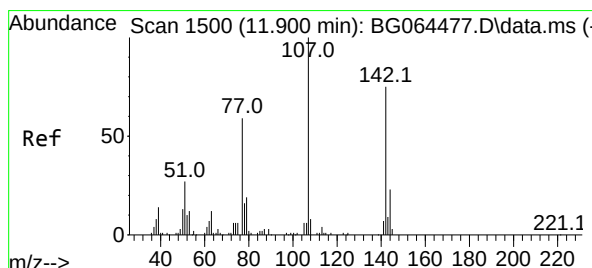
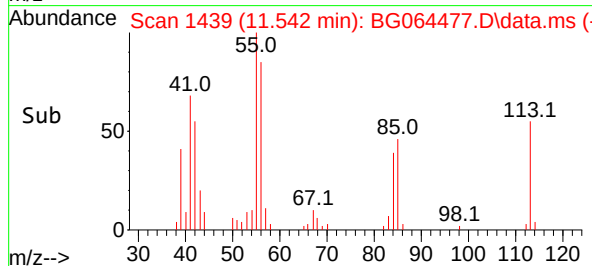
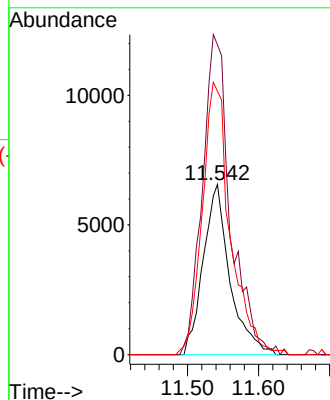
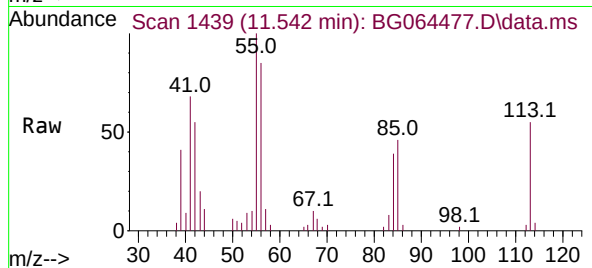
#35
Caprolactam
Concen: 41.118 ng
RT: 11.542 min Scan# 1439
Delta R.T. 0.032 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 17062
Ion Ratio Lower Upper
113 100
55 182.0 162.0 202.0
56 154.6 134.6 174.6

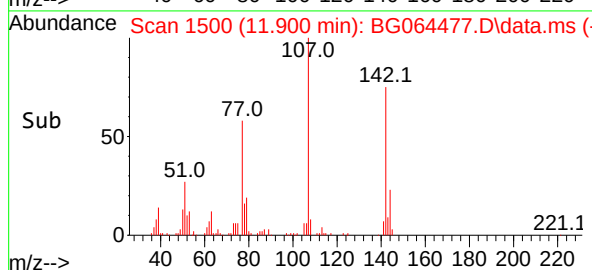
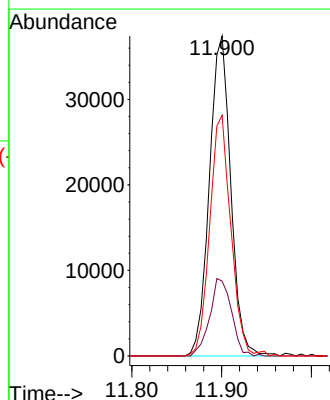
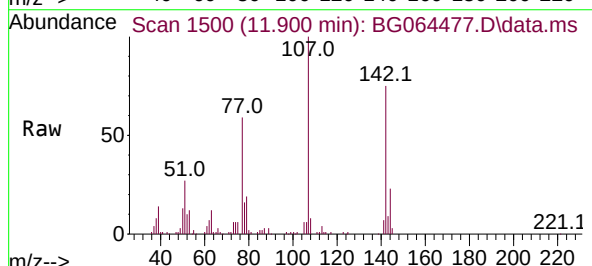
Manual Integrations
APPROVED

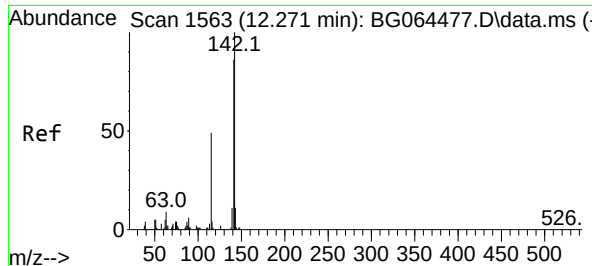
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 42.181 ng
RT: 11.900 min Scan# 1500
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 62176
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.634 ng

RT: 12.271 min Scan# 1563

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 125298

Ion Ratio Lower Upper

142 100

141 85.9 68.7 103.1

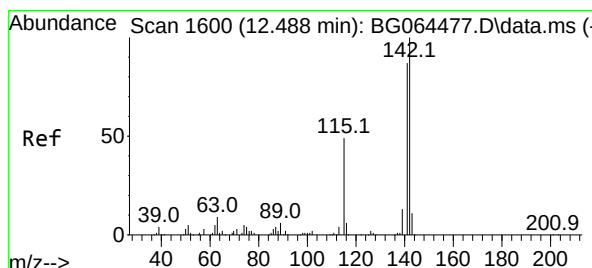
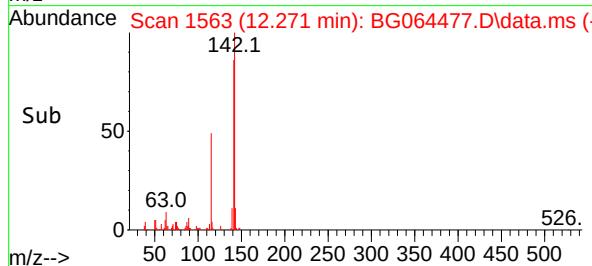
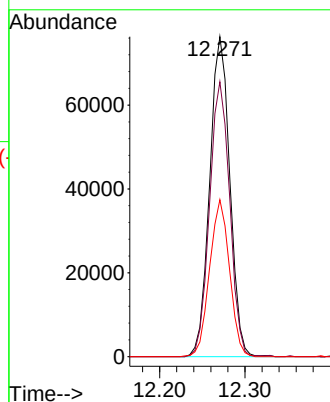
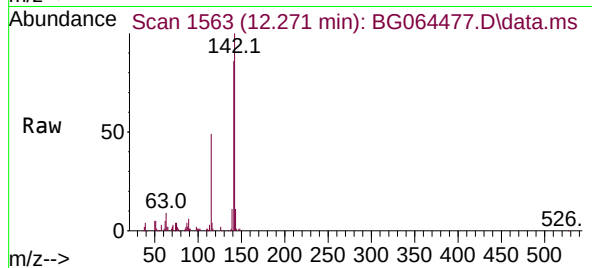
115 49.1 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#38

1-Methylnaphthalene

Concen: 41.851 ng

RT: 12.488 min Scan# 1600

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

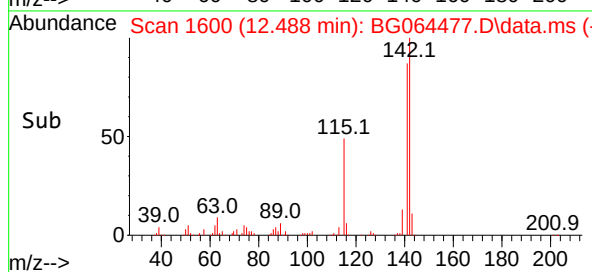
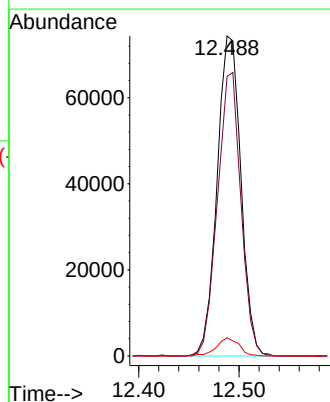
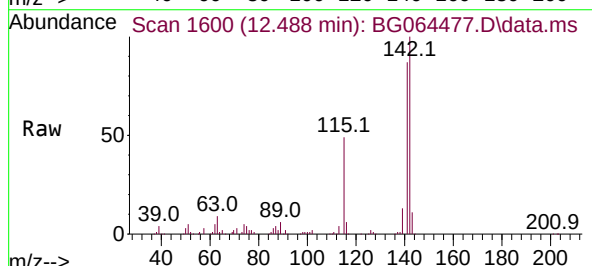
Tgt Ion:142 Resp: 122645

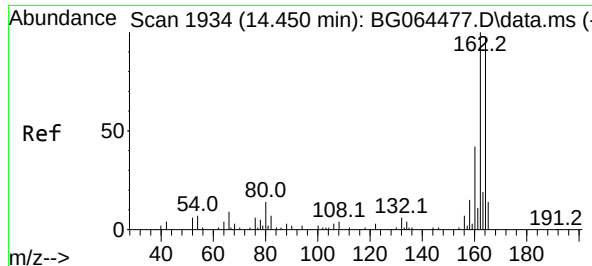
Ion Ratio Lower Upper

142 100

141 87.3 69.8 104.8

116 6.0 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.450 min Scan# 1934

Delta R.T. 0.002 min

Lab File: BG064477.D

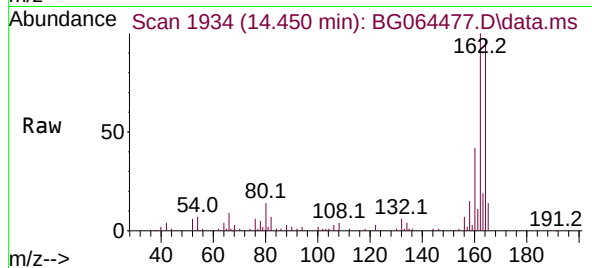
Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

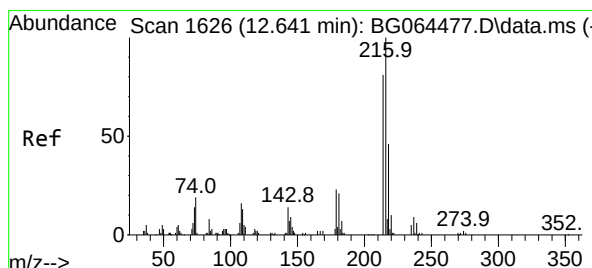
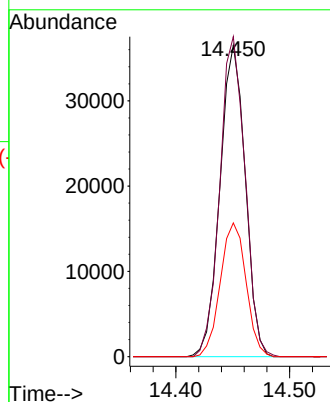
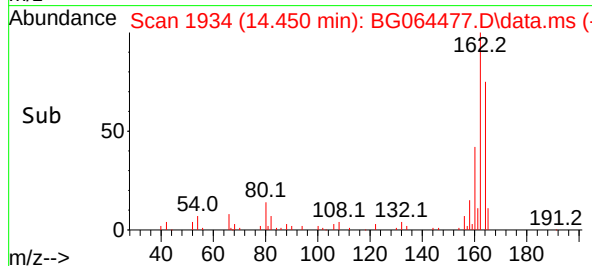
SSTDICCC040



Tgt Ion:	164	Resp:	56405
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.2	123.2
160	42.9	34.3	51.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

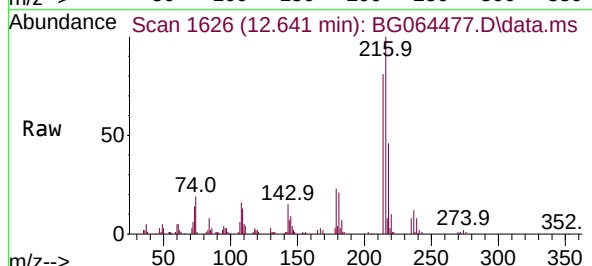
Concen: 43.852 ng

RT: 12.641 min Scan# 1626

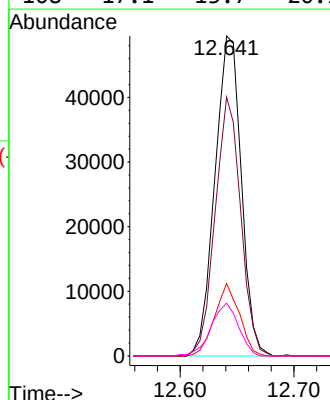
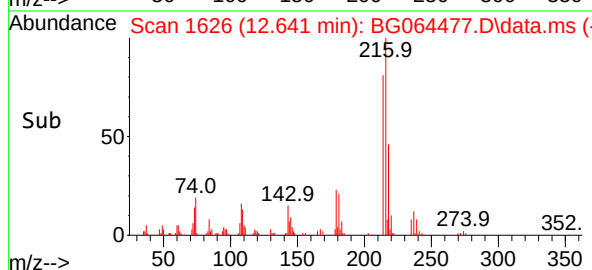
Delta R.T. 0.002 min

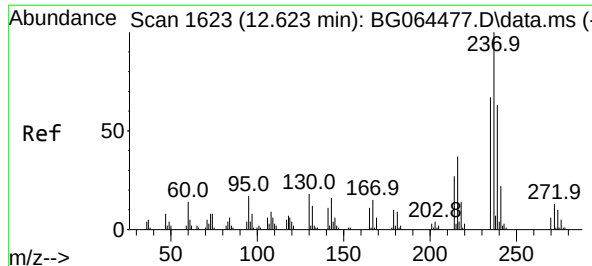
Lab File: BG064477.D

Acq: 2 Oct 2025 12:14



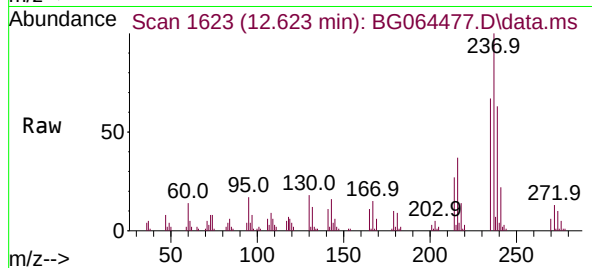
Tgt Ion:	216	Resp:	79864
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.5	93.7
179	21.3	17.0	25.6
108	17.1	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 42.981 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

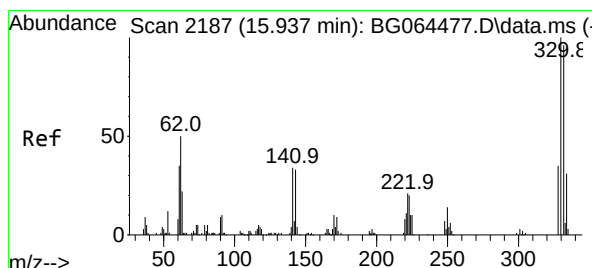
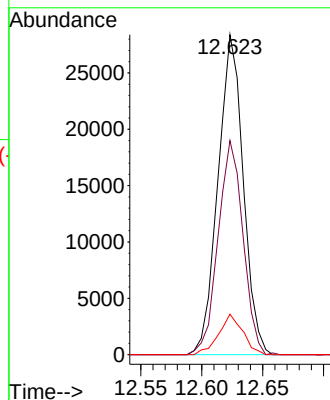
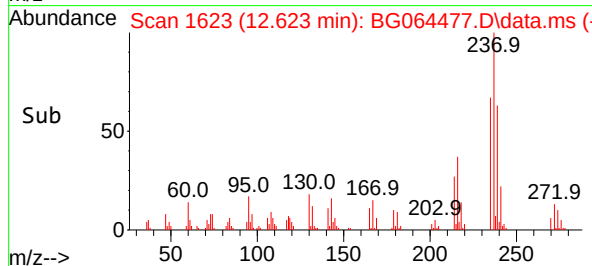
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:237 Resp: 40946
Ion Ratio Lower Upper
237 100
235 66.9 46.9 86.9
272 12.6 0.0 32.6

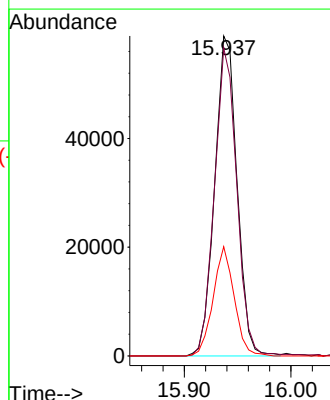
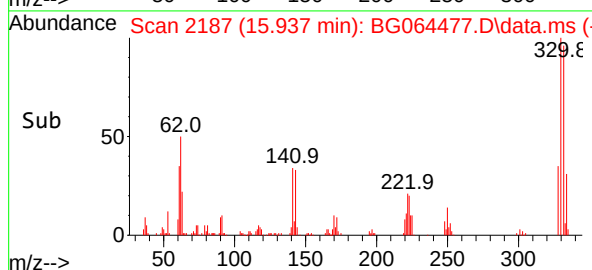
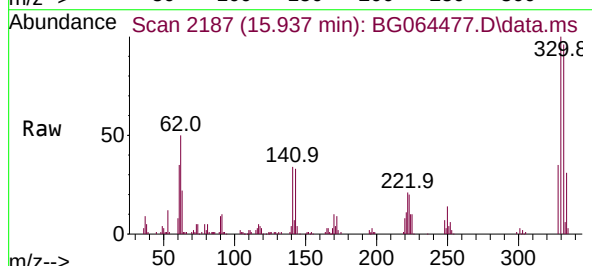
Manual Integrations
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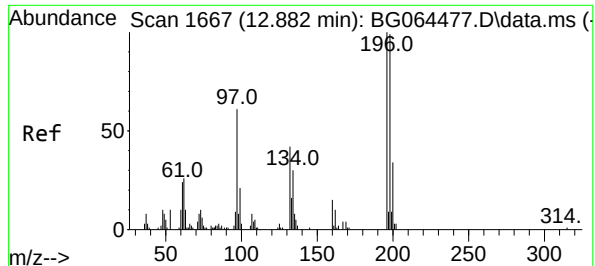
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#42
2,4,6-Tribromophenol
Concen: 83.995 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:330 Resp: 85878
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 32.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 43.159 ng

RT: 12.882 min Scan# 1667

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

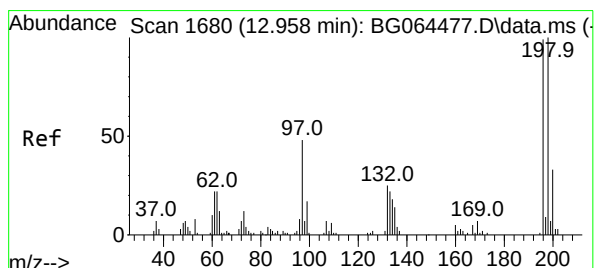
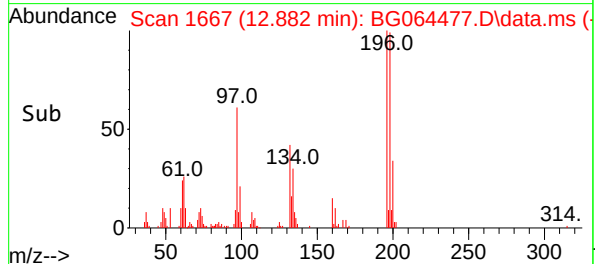
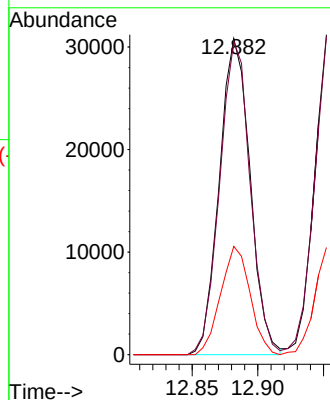
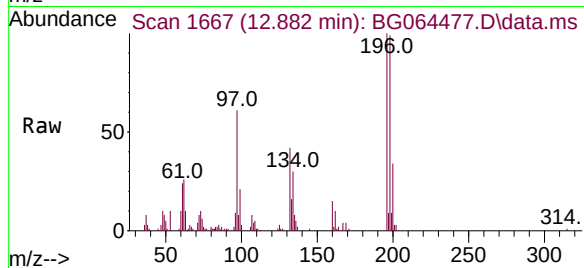
SSTDICCC040

Tgt Ion:196	Resp:	5024
Ion Ratio	Lower	Upper
196	100	
198	99.1	79.3 118.9
200	34.3	27.4 41.2

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 42.147 ng

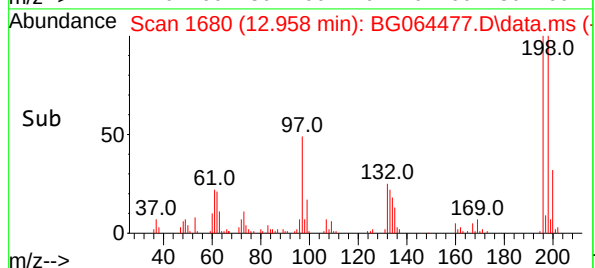
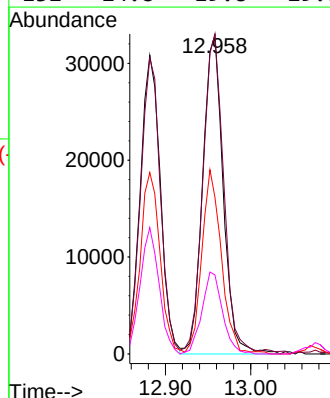
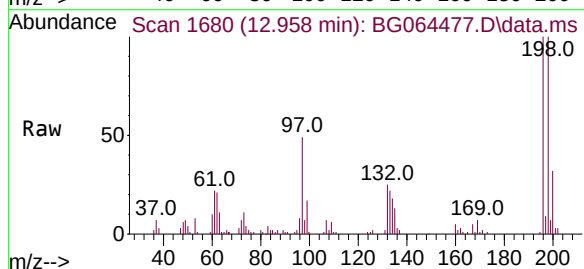
RT: 12.958 min Scan# 1680

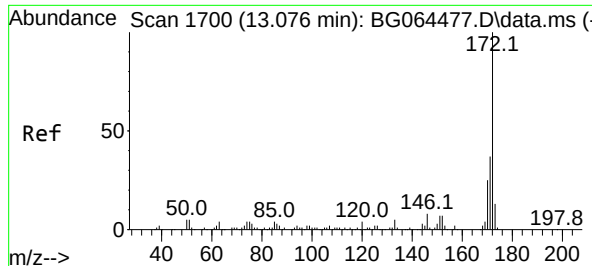
Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

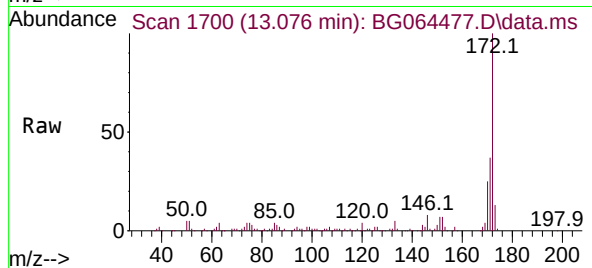
Tgt Ion:196	Resp:	54781
Ion Ratio	Lower	Upper
196	100	
198	100.4	80.3 120.5
97	49.2	39.4 59.0
132	24.8	19.8 29.8





#45
2-Fluorobiphenyl
Concen: 84.566 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

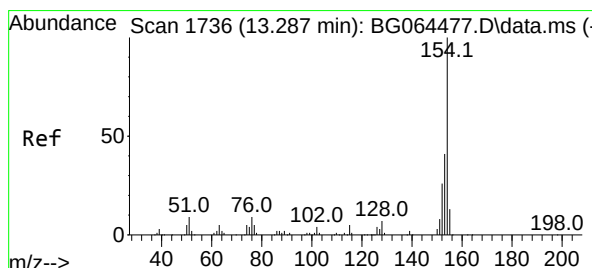
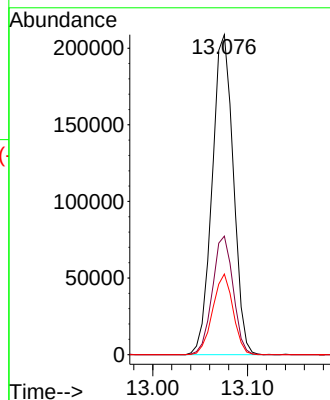
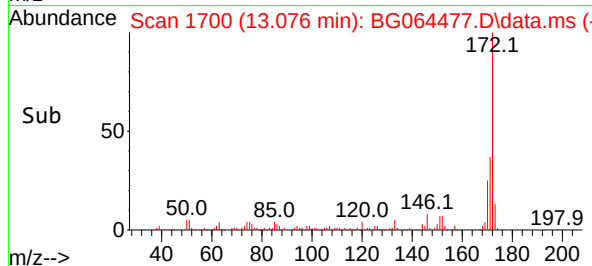
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 323605
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.2 20.2 30.2

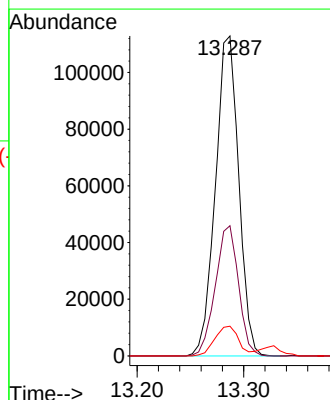
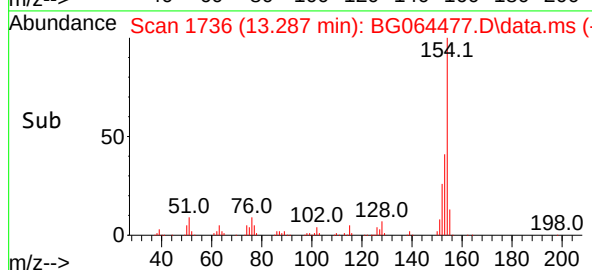
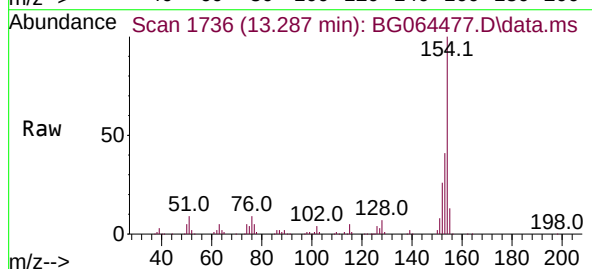
Manual Integrations
APPROVED

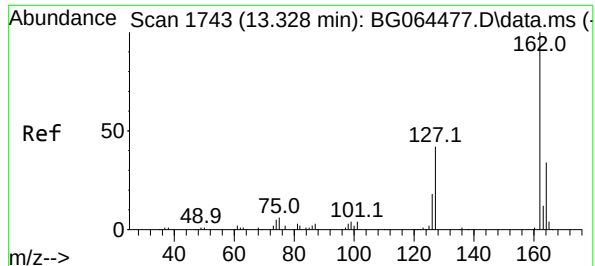
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 42.286 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:154 Resp: 171549
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 9.3 0.0 29.3





#47

2-Chloronaphthalene

Concen: 42.951 ng

RT: 13.328 min Scan# 1743

Delta R.T. 0.008 min

Lab File: BG064477.D

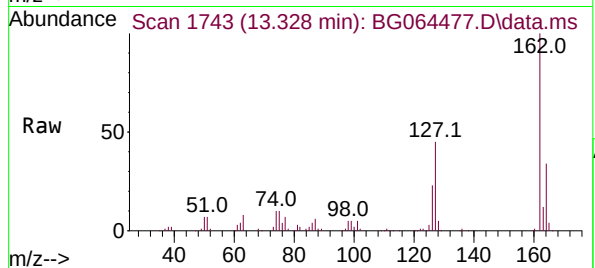
Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 130095

Ion Ratio Lower Upper

162 100

127 44.8 35.8 53.8

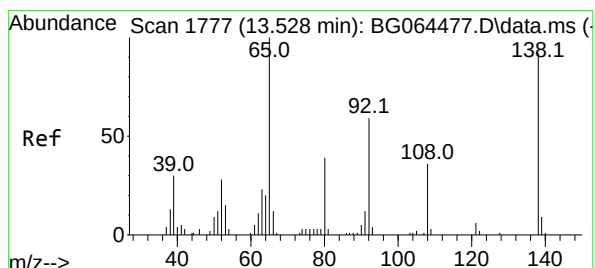
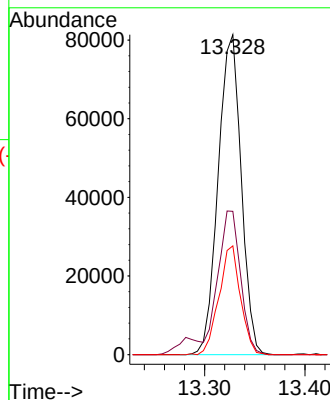
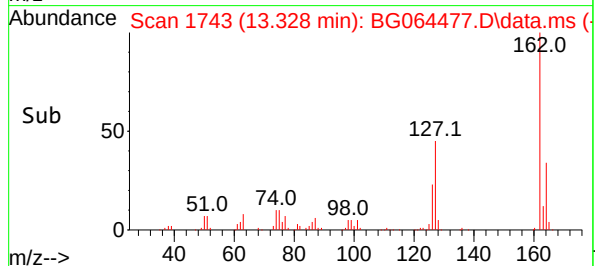
164 34.0 27.2 40.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 43.302 ng

RT: 13.528 min Scan# 1777

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

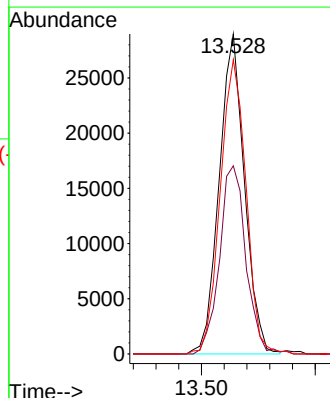
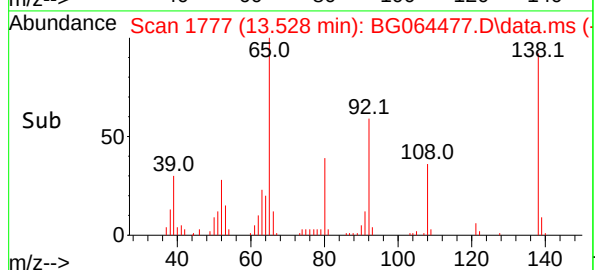
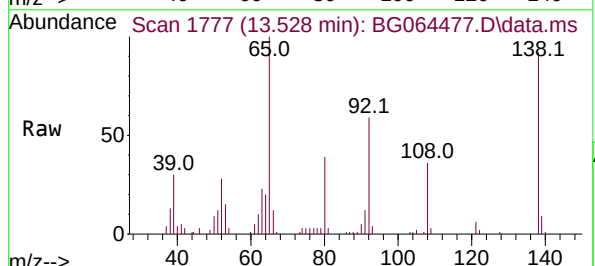
Tgt Ion: 65 Resp: 44764

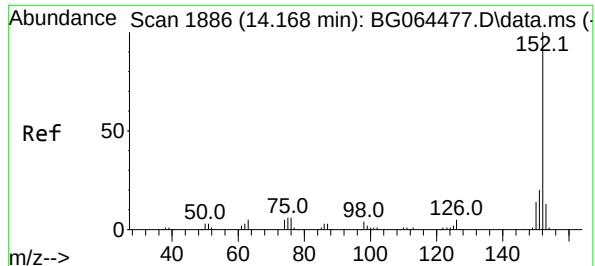
Ion Ratio Lower Upper

65 100

92 58.8 47.0 70.6

138 91.9 73.5 110.3





#49

Acenaphthylene

Concen: 42.745 ng

RT: 14.168 min Scan# 1886

Delta R.T. -0.003 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 192196

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

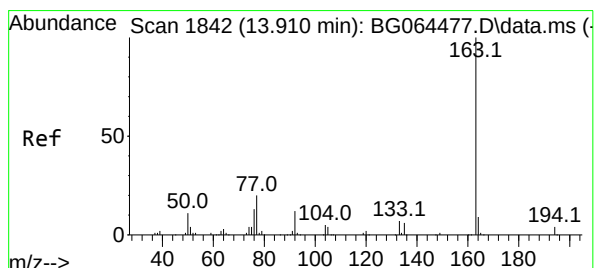
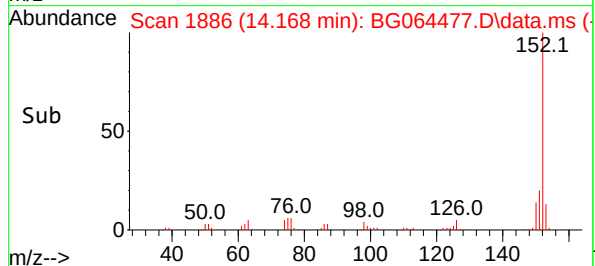
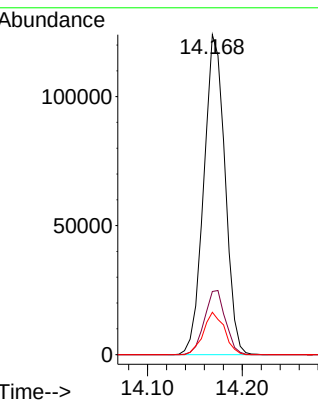
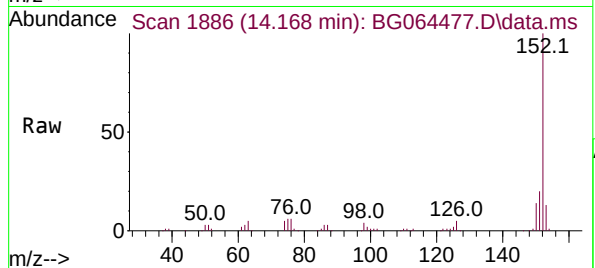
153 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 41.482 ng

RT: 13.910 min Scan# 1842

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

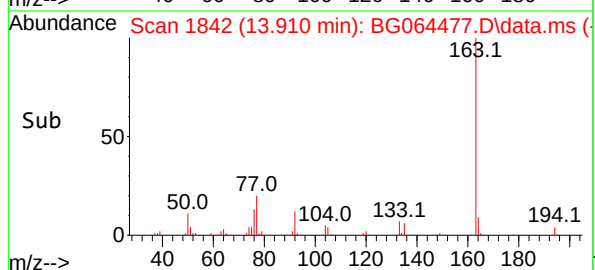
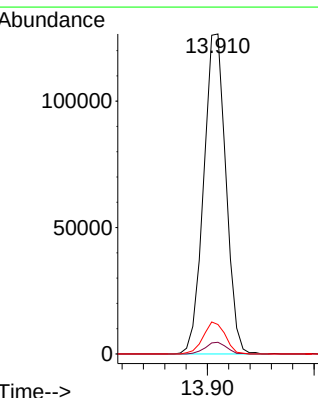
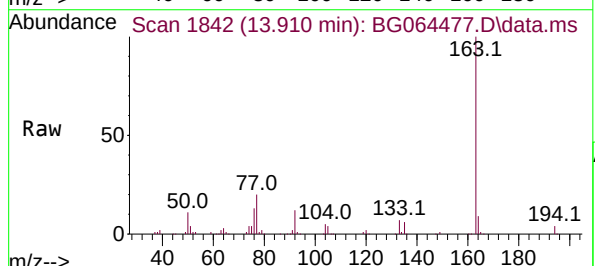
Tgt Ion:163 Resp: 183253

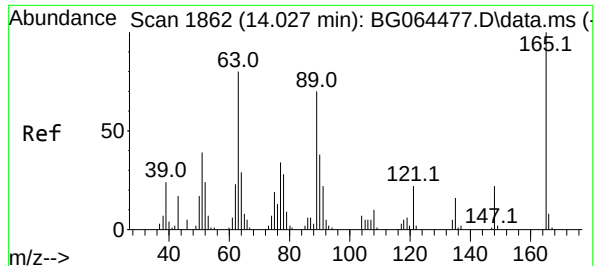
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

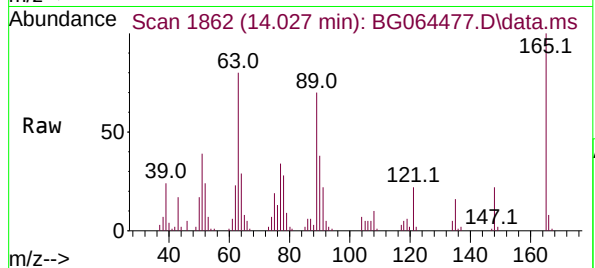
164 9.2 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 41.318 ng
RT: 14.027 min Scan# 1862
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

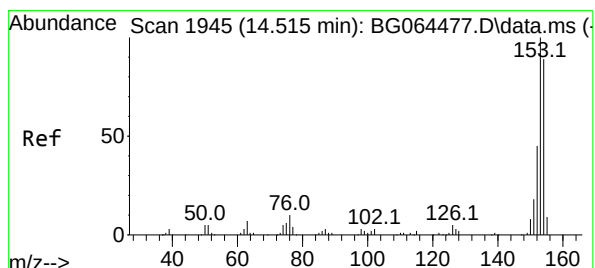
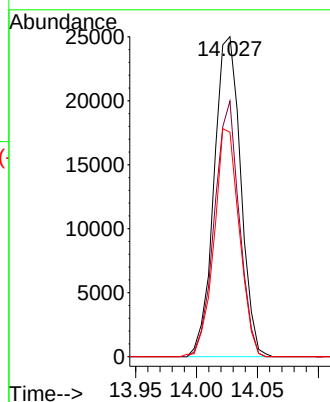
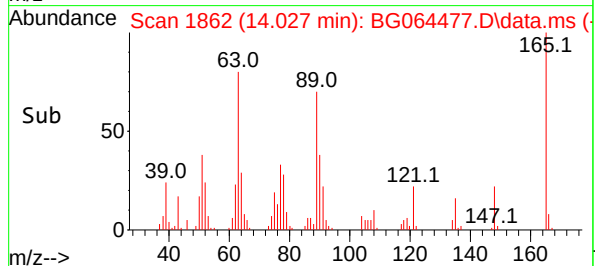
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 38023
Ion Ratio Lower Upper
165 100
63 79.9 63.9 95.9
89 70.1 56.1 84.1

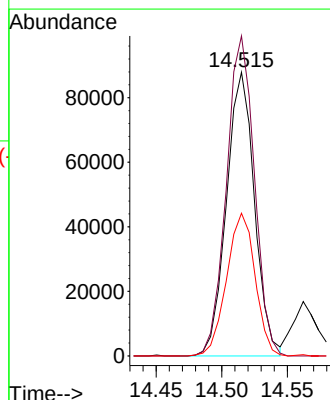
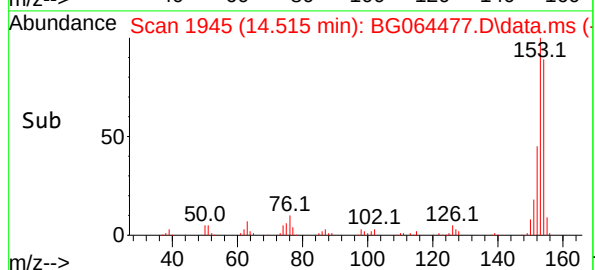
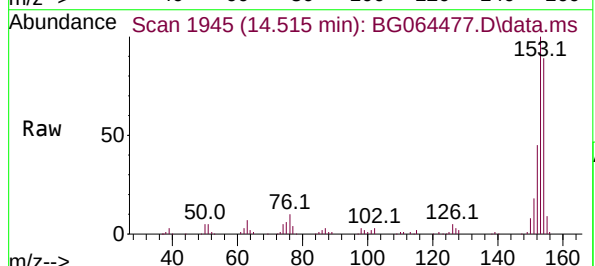
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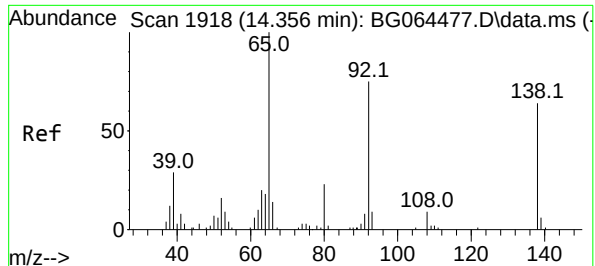
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 41.846 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

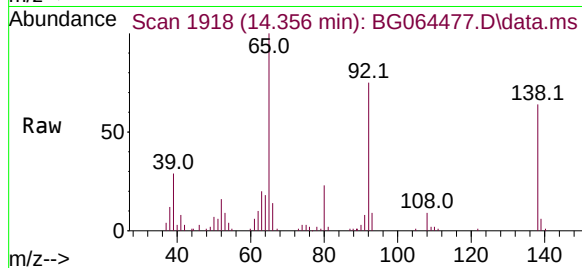
Tgt Ion:154 Resp: 130718
Ion Ratio Lower Upper
154 100
153 112.8 90.2 135.4
152 50.3 40.2 60.4





#53
3-Nitroaniline
Concen: 42.448 ng
RT: 14.356 min Scan# 1918
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

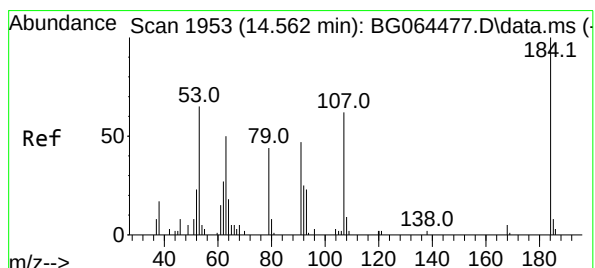
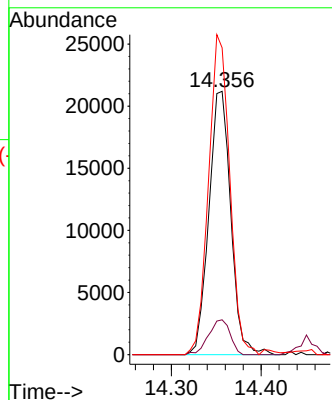
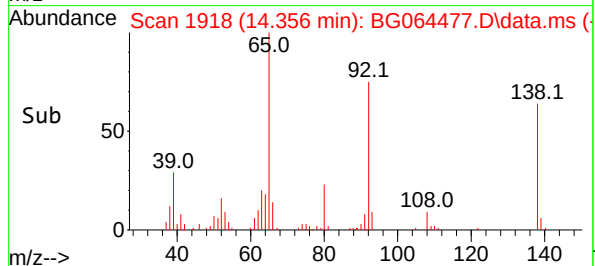
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 36025
Ion Ratio Lower Upper
138 100
108 13.2 10.6 15.8
92 116.5 93.2 139.8

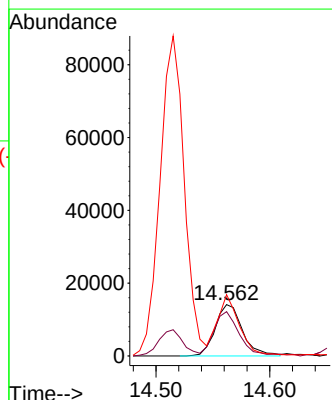
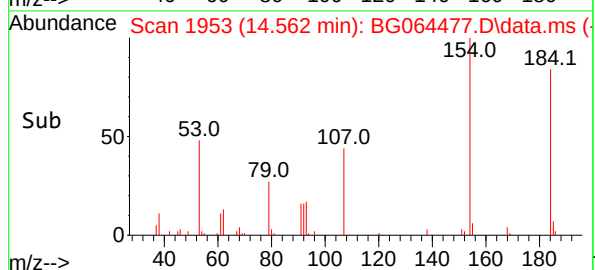
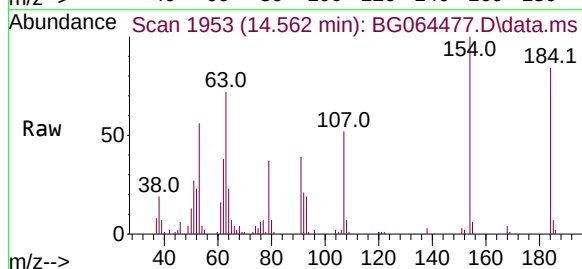
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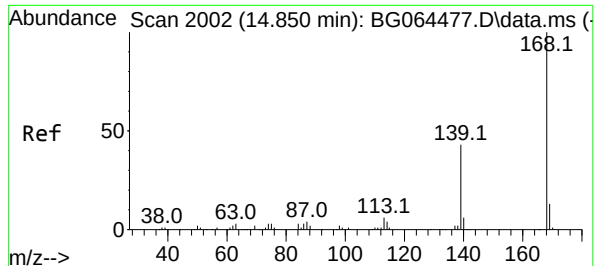
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 35.006 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:184 Resp: 23359
Ion Ratio Lower Upper
184 100
63 86.2 69.0 103.4
154 119.5 95.6 143.4





#55

Dibenzofuran

Concen: 41.749 ng

RT: 14.850 min Scan# 2002

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 215338

Ion Ratio Lower Upper

168 100

139 42.5 34.0 51.0

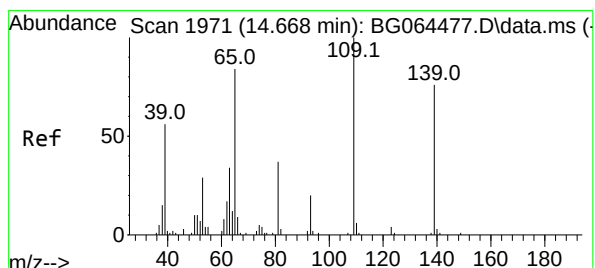
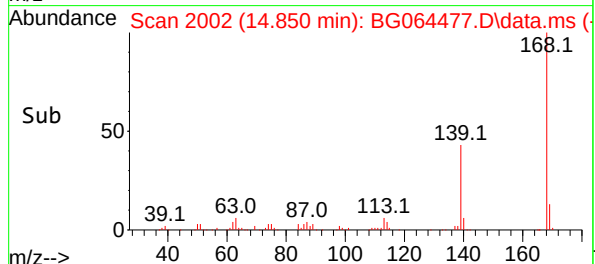
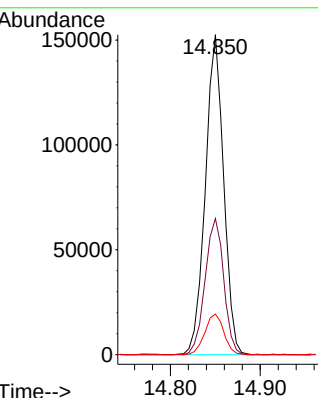
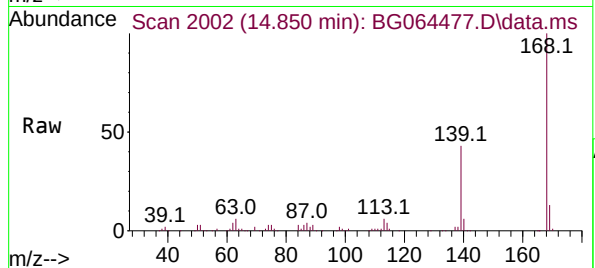
169 12.7 10.2 15.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#56

4-Nitrophenol

Concen: 43.974 ng

RT: 14.668 min Scan# 1971

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

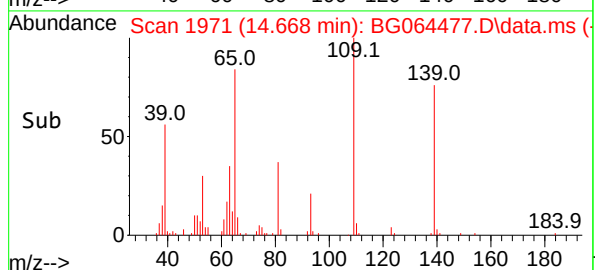
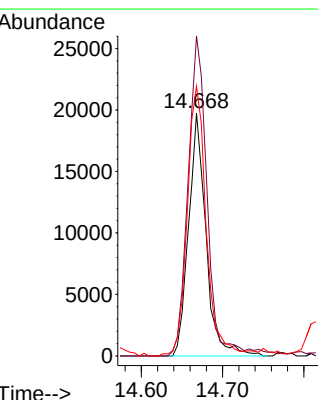
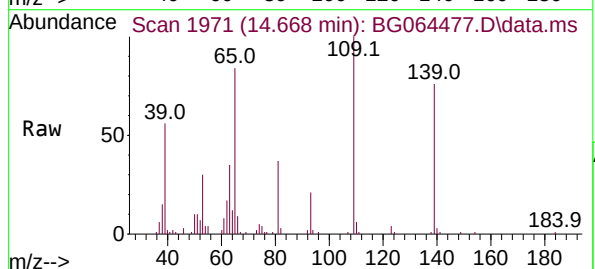
Tgt Ion:139 Resp: 29383

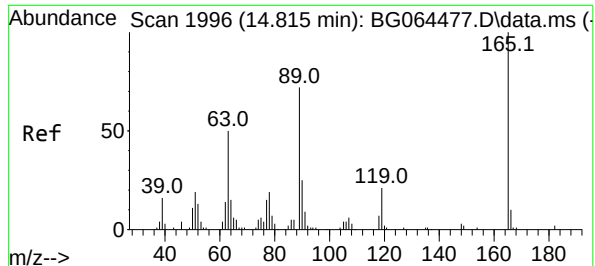
Ion Ratio Lower Upper

139 100

109 131.8 111.8 151.8

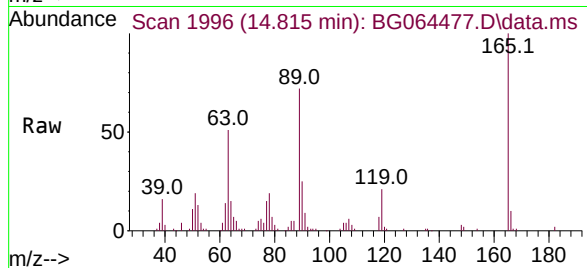
65 111.1 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 42.268 ng
RT: 14.815 min Scan# 1996
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

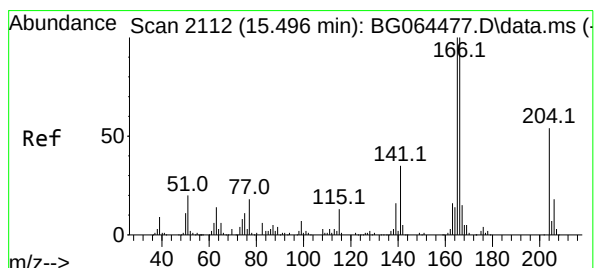
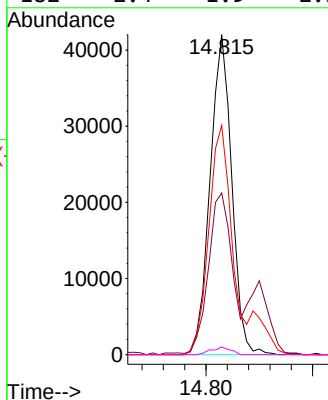
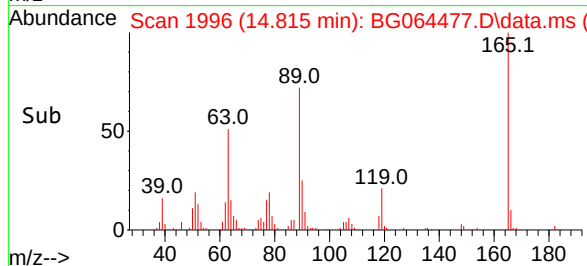
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 59462
Ion Ratio Lower Upper
165 100
63 50.5 40.4 60.6
89 71.6 57.3 85.9
182 2.4 1.9 2.9

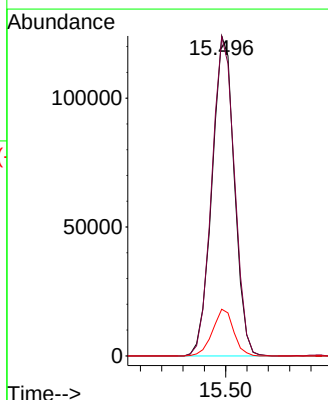
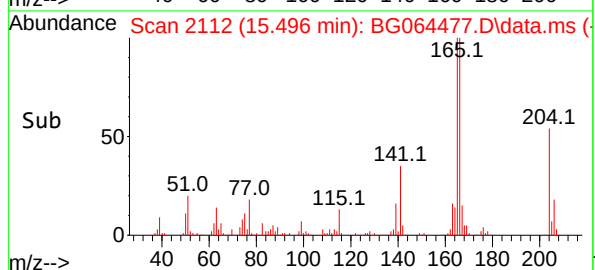
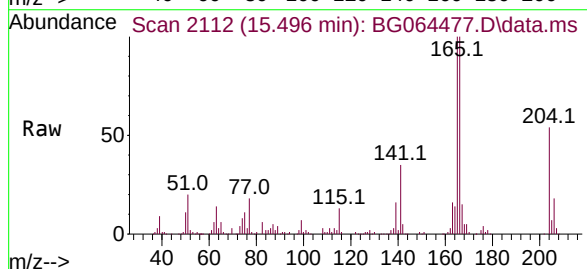
Manual Integrations
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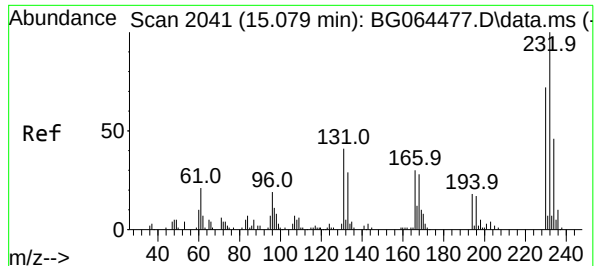
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 42.112 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:166 Resp: 180574
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.6
167 14.6 11.7 17.5





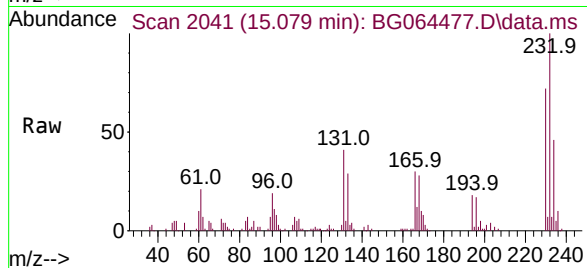
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.971 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



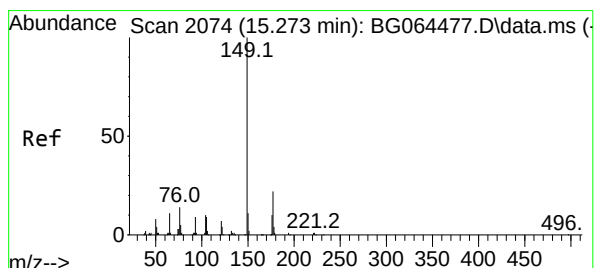
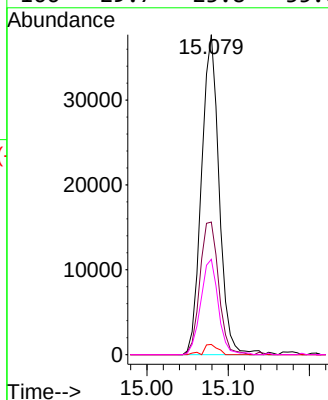
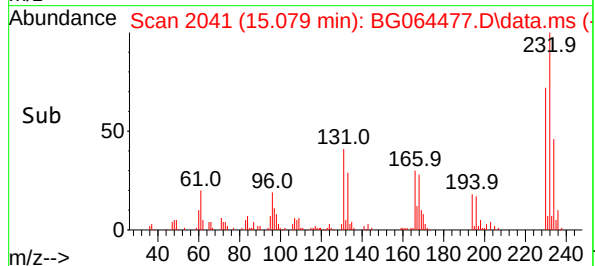
Tgt Ion:232 Resp: 57000
Ion Ratio Lower Upper
232 100
131 43.7 35.0 52.4
130 2.5 2.0 3.0
166 29.7 23.8 35.6

Manual Integrations

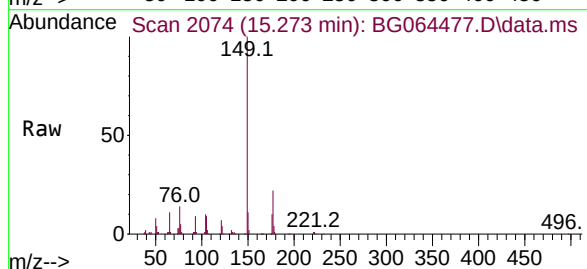
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

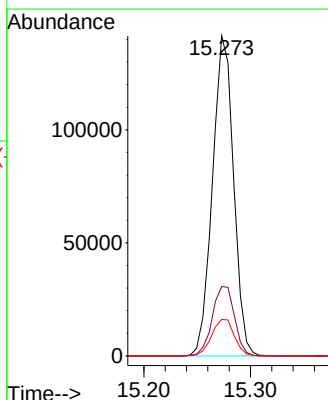
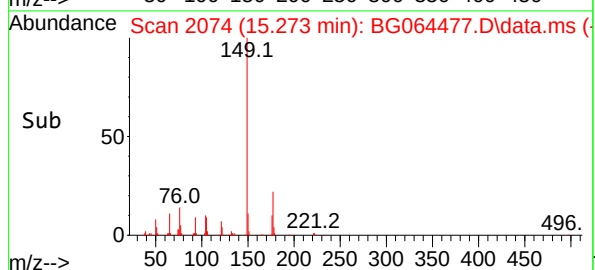
Supervised By :Jagrut Upadhyay 10/03/2025

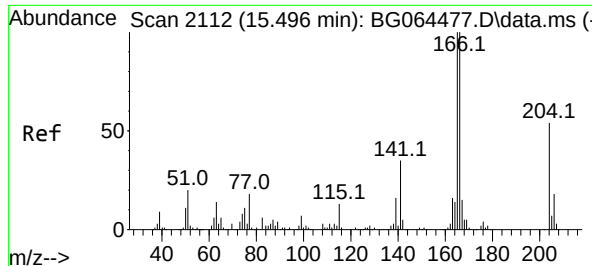


#60
Diethylphthalate
Concen: 41.179 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14



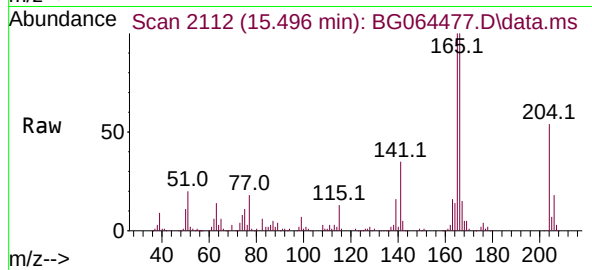
Tgt Ion:149 Resp: 195149
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 11.4 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 41.818 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

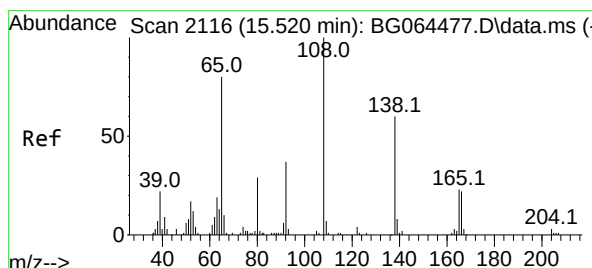
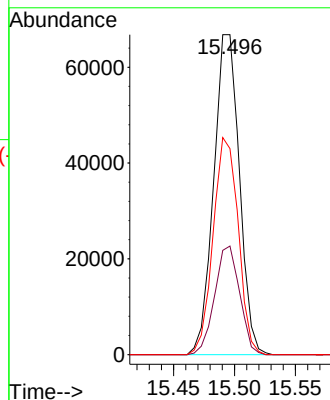
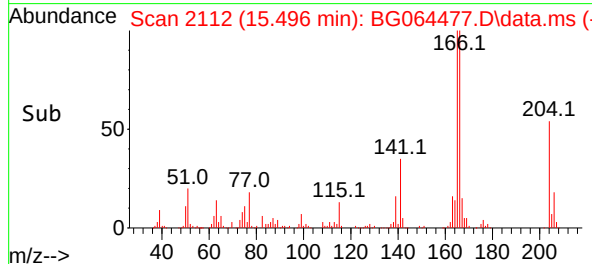
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 97895
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 64.4 51.5 77.3

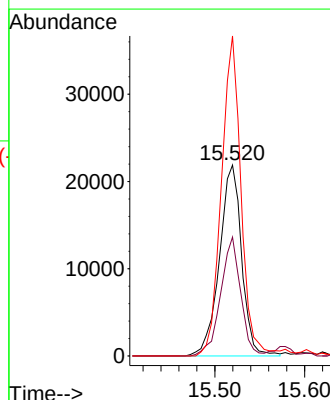
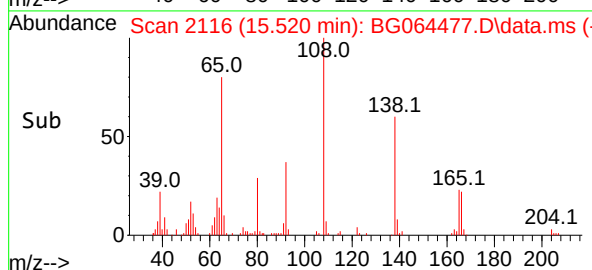
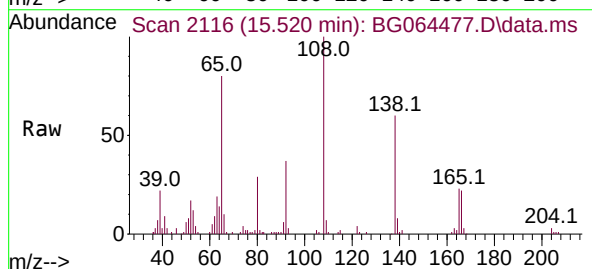
Manual Integrations
APPROVED

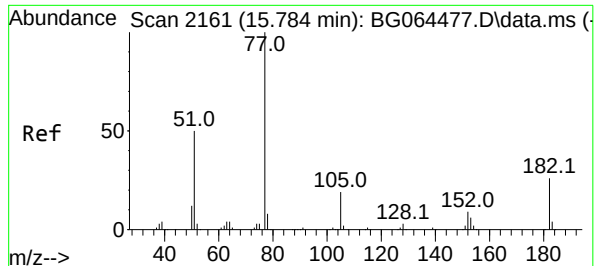
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 42.613 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

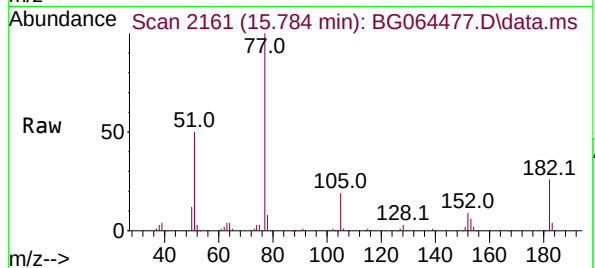
Tgt Ion:138 Resp: 37694
Ion Ratio Lower Upper
138 100
92 62.3 42.3 82.3
108 167.7 147.7 187.7





#63
Azobenzene
Concen: 41.381 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

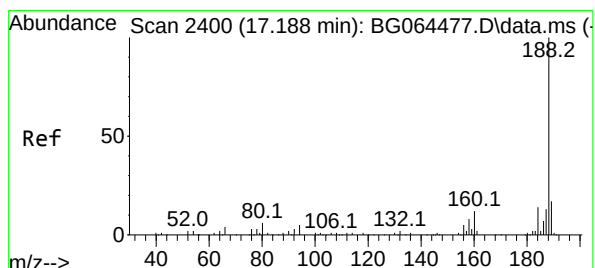
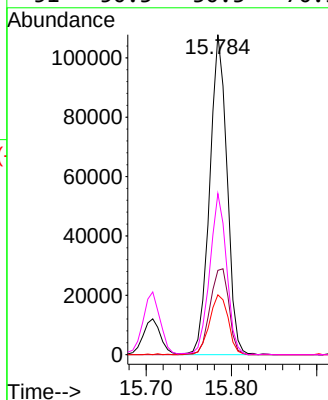
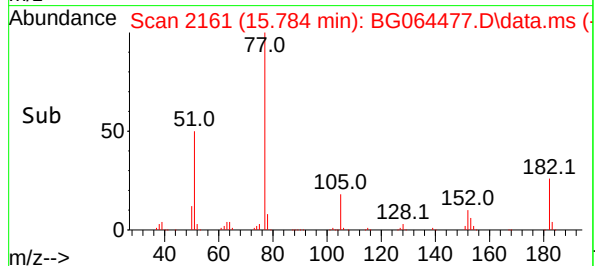
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



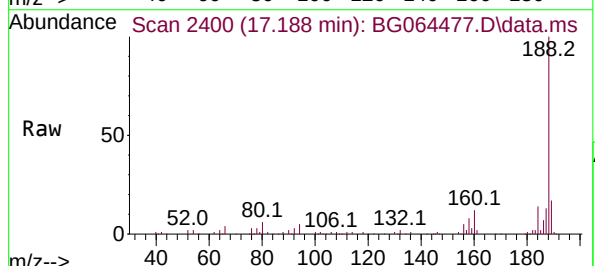
Tgt Ion: 77 Resp: 151875
Ion Ratio Lower Upper
77 100
182 26.3 6.3 46.3
105 18.7 0.0 38.7
51 50.3 30.3 70.3

Manual Integrations
APPROVED

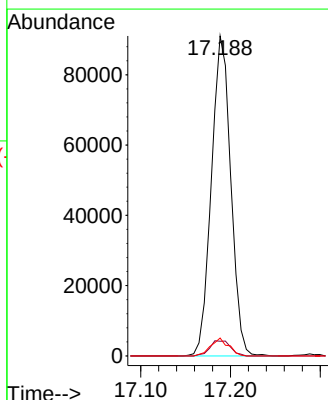
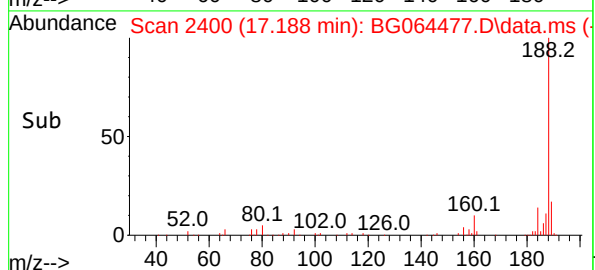
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

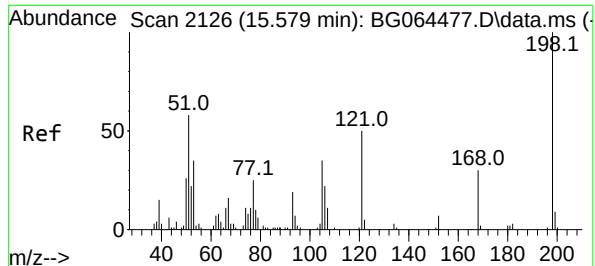


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14



Tgt Ion:188 Resp: 137065
Ion Ratio Lower Upper
188 100
94 4.6 3.7 5.5
80 5.6 4.5 6.7





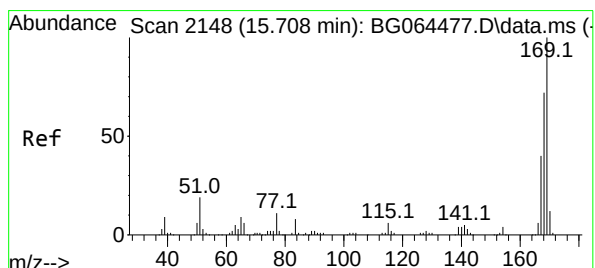
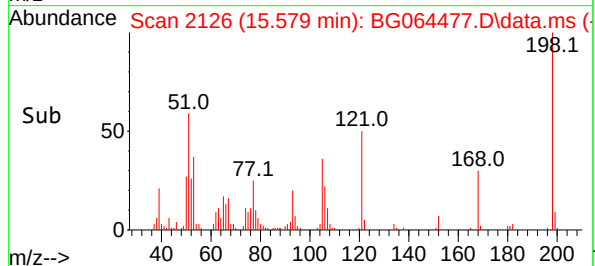
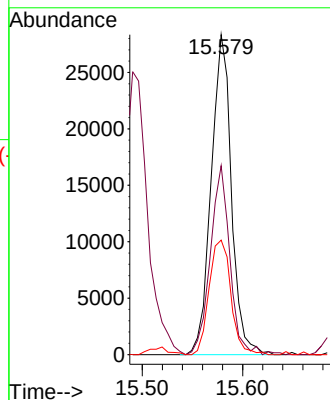
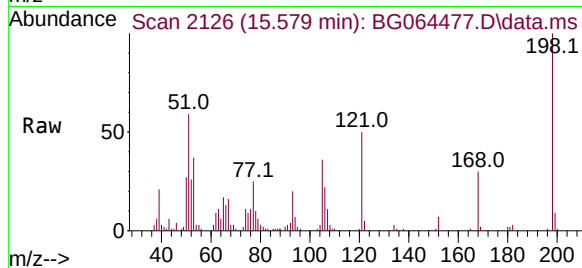
#65
4,6-Dinitro-2-methylphenol
Concen: 41.634 ng
RT: 15.579 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 39733
Ion Ratio Lower Upper
198 100
51 59.0 39.0 79.0
105 35.8 15.8 55.8

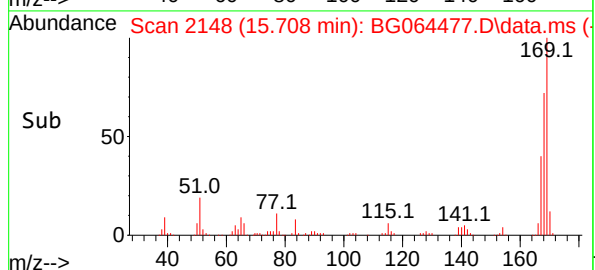
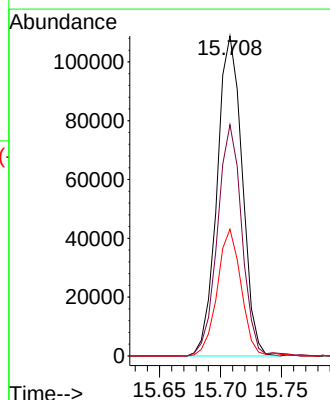
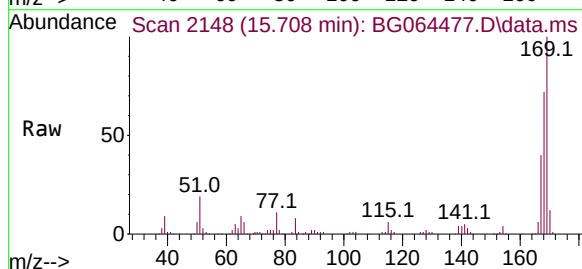
Manual Integrations
APPROVED

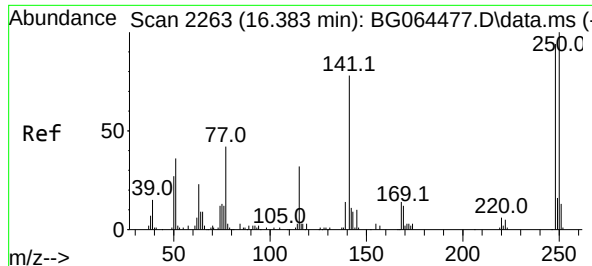
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 42.580 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

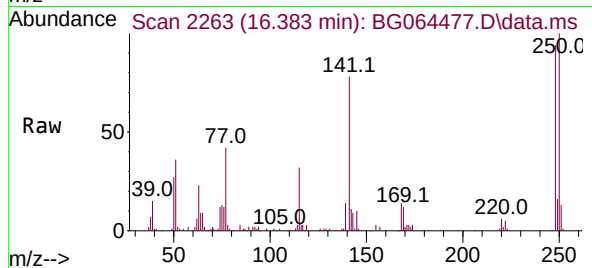
Tgt Ion:169 Resp: 155849
Ion Ratio Lower Upper
169 100
168 72.2 57.8 86.6
167 39.6 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 43.066 ng
RT: 16.383 min Scan# 2263
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

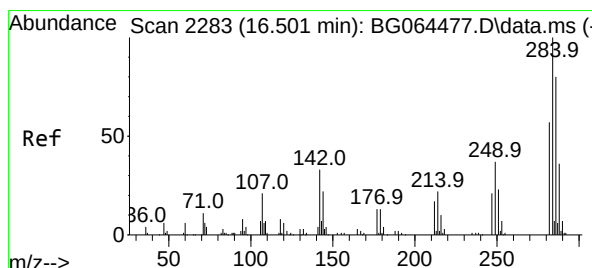
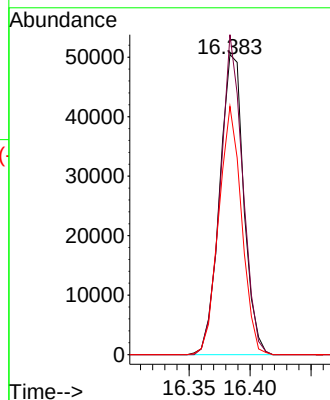
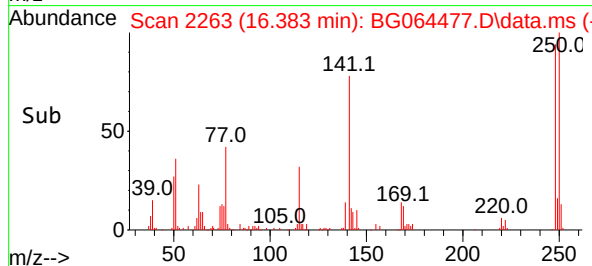
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



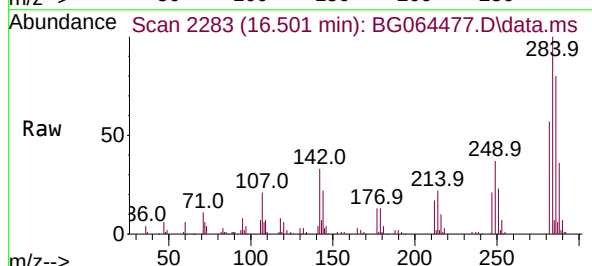
Tgt Ion:248 Resp: 69462
Ion Ratio Lower Upper
248 100
250 106.6 85.3 127.9
141 82.7 66.2 99.2

Manual Integrations
APPROVED

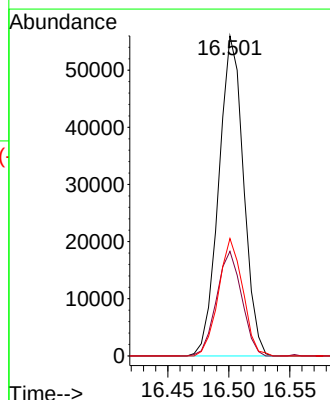
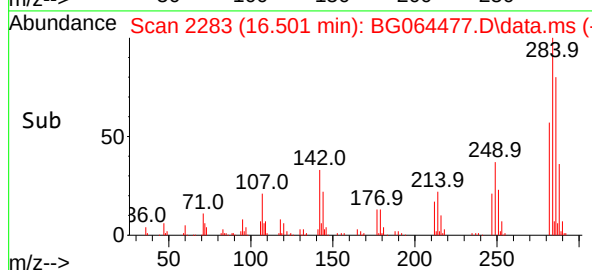
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

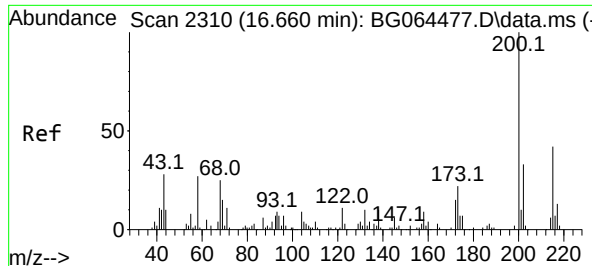


#68
Hexachlorobenzene
Concen: 42.809 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14



Tgt Ion:284 Resp: 79010
Ion Ratio Lower Upper
284 100
142 32.7 26.2 39.2
249 36.7 29.4 44.0





#69

Atrazine

Concen: 42.039 ng

RT: 16.660 min Scan# 2310

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 68458

Ion Ratio Lower Upper

200 100

173 22.5 2.5 42.5

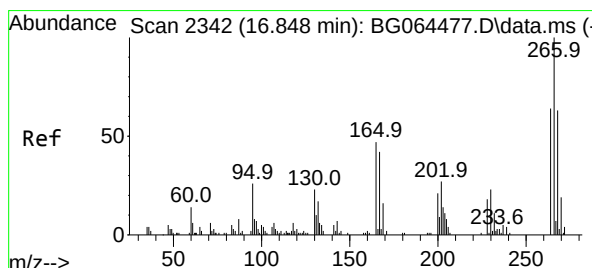
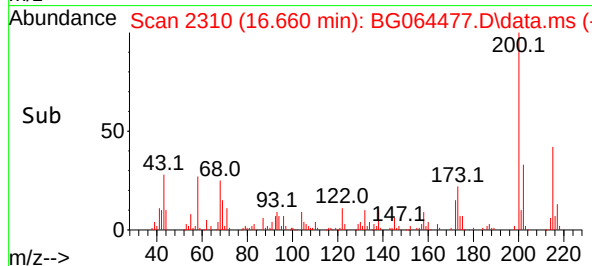
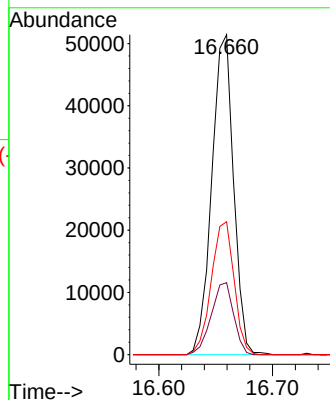
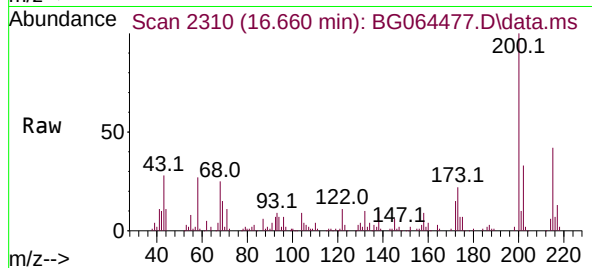
215 41.5 21.5 61.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 43.049 ng

RT: 16.848 min Scan# 2342

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

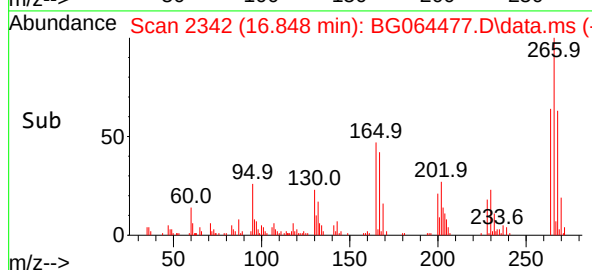
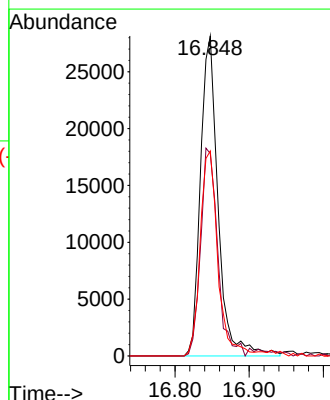
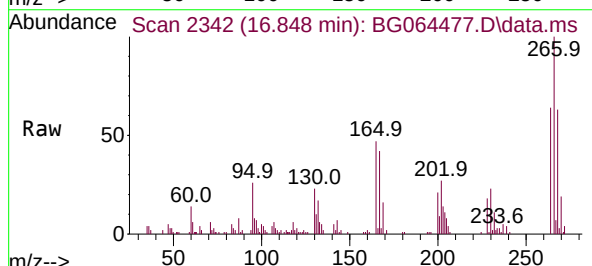
Tgt Ion:266 Resp: 46456

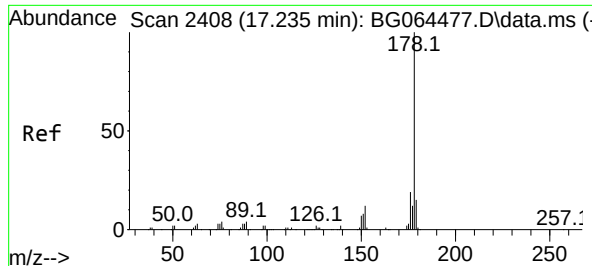
Ion Ratio Lower Upper

266 100

268 63.2 50.6 75.8

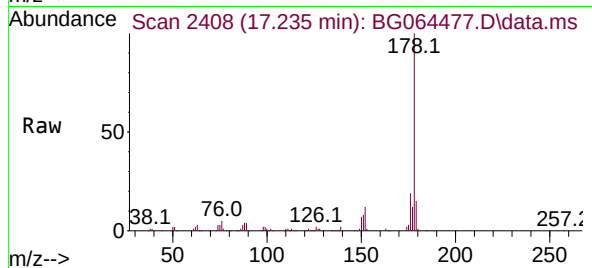
264 64.0 51.2 76.8





#71
Phenanthrene
Concen: 42.473 ng
RT: 17.235 min Scan# 2408
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

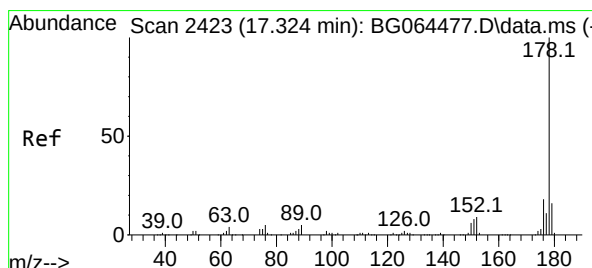
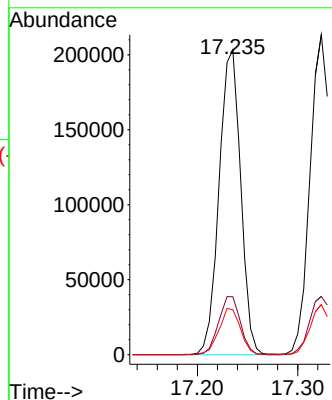
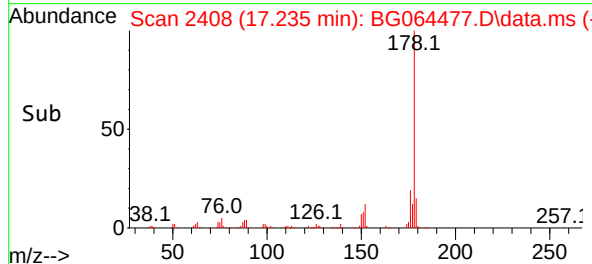
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 30444
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 14.7 11.8 17.6

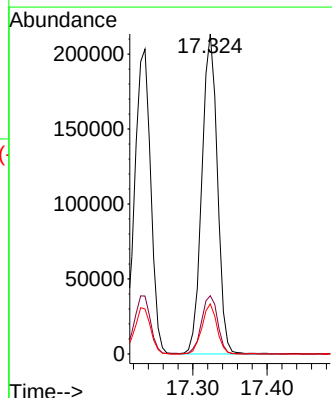
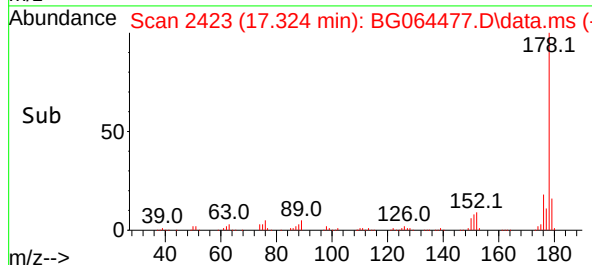
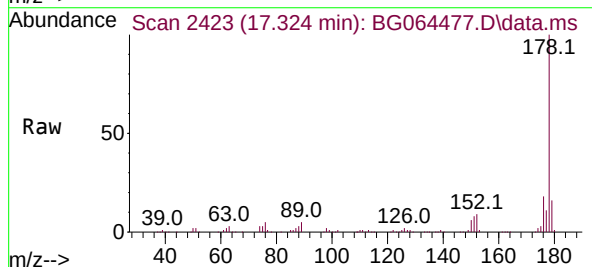
Manual Integrations
APPROVED

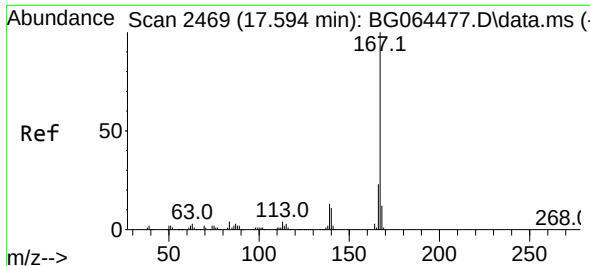
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 43.082 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

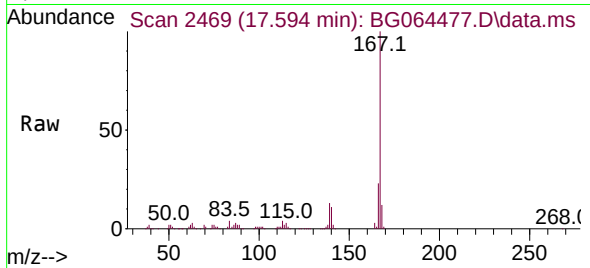
Tgt Ion:178 Resp: 309798
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 43.520 ng
 RT: 17.594 min Scan# 2469
 Delta R.T. 0.002 min
 Lab File: BG064477.D
 Acq: 2 Oct 2025 12:14

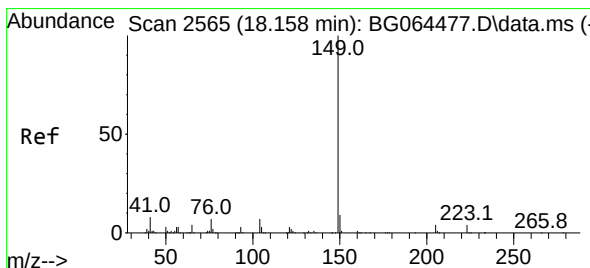
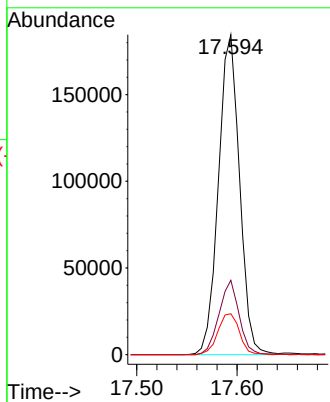
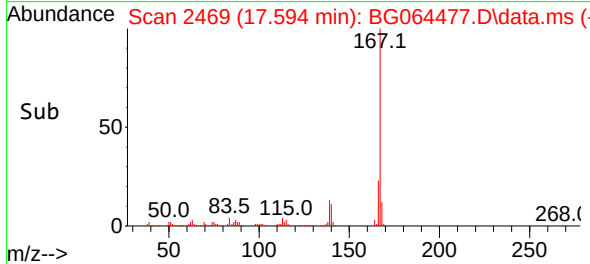
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040



Tgt Ion:167 Resp: 270505
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.6 27.8
 139 12.8 10.2 15.4

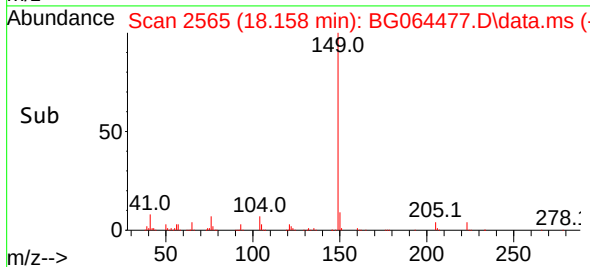
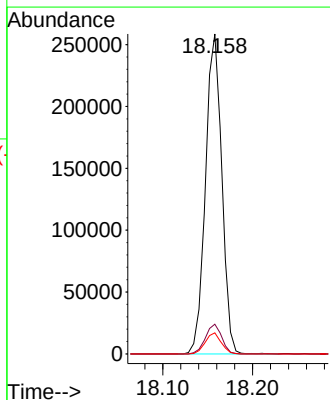
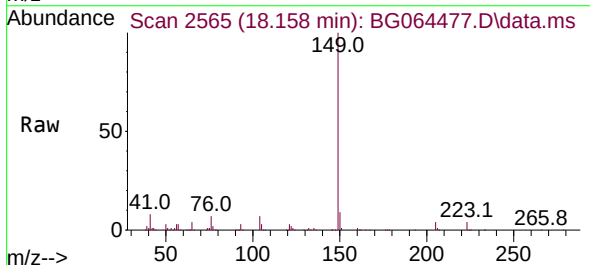
Manual Integrations
 APPROVED

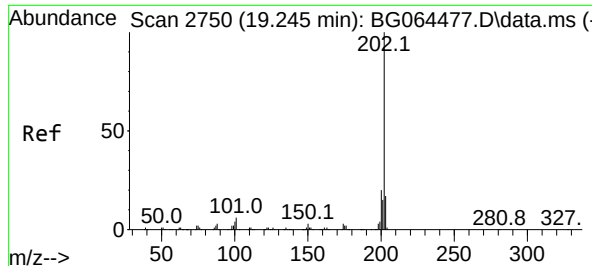
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025



#74
 Di-n-butylphthalate
 Concen: 42.948 ng
 RT: 18.158 min Scan# 2565
 Delta R.T. 0.002 min
 Lab File: BG064477.D
 Acq: 2 Oct 2025 12:14

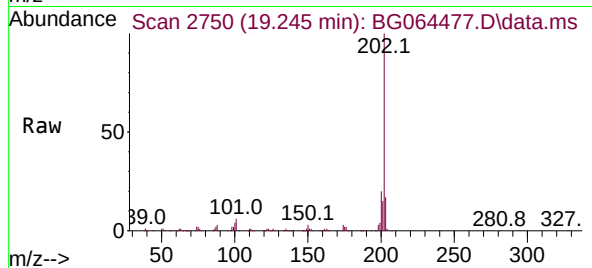
Tgt Ion:149 Resp: 325874
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.6 5.3 7.9





#75
Fluoranthene
Concen: 42.577 ng
RT: 19.245 min Scan# 2750
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

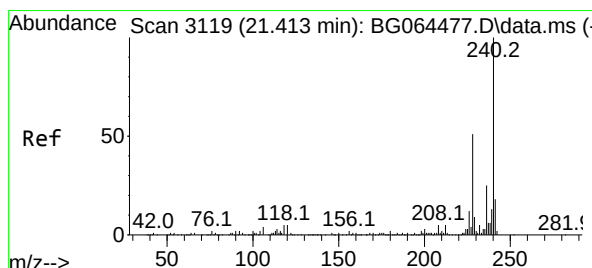
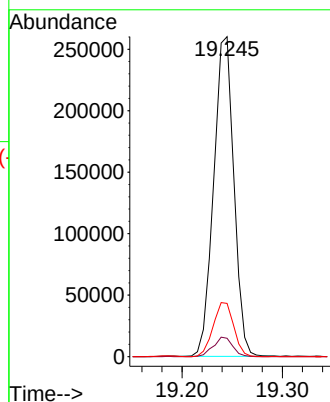
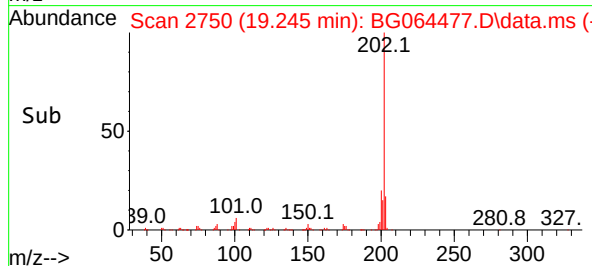
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



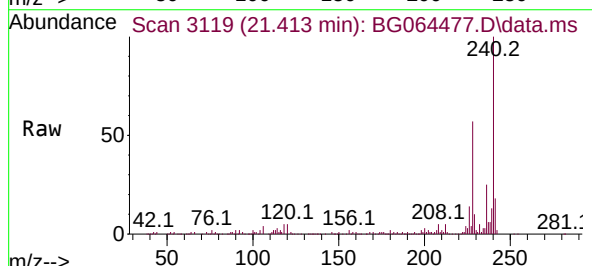
Tgt Ion:202 Resp: 364596
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.7
203 16.6 0.0 36.6

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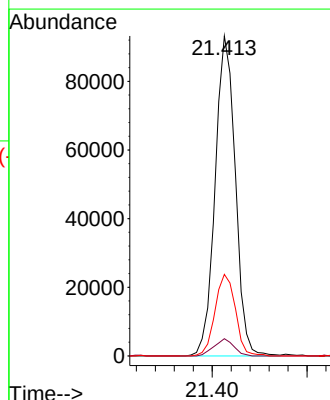
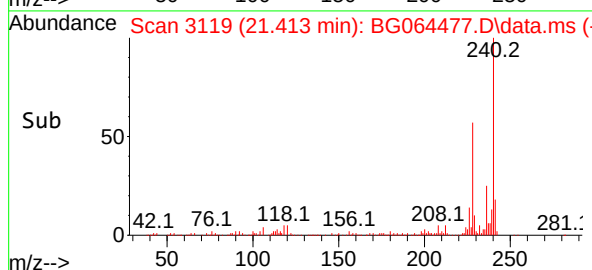
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

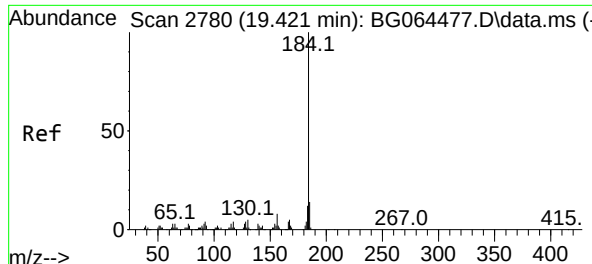


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14



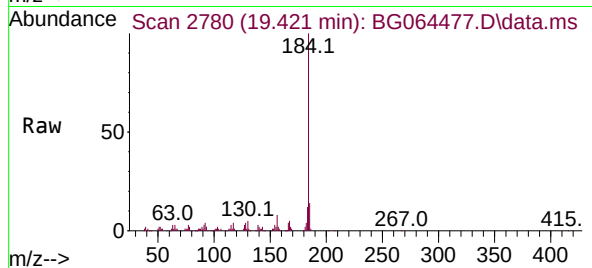
Tgt Ion:240 Resp: 137806
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 25.5 20.4 30.6





#77
Benzidine
Concen: 52.157 ng
RT: 19.421 min Scan# 2780
Delta R.T. -0.004 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

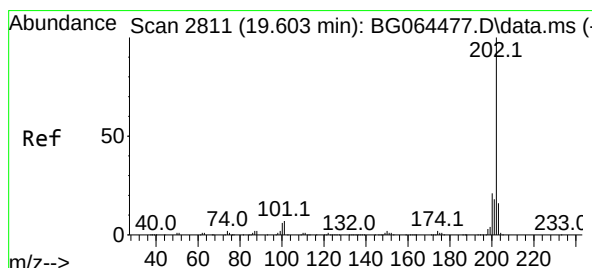
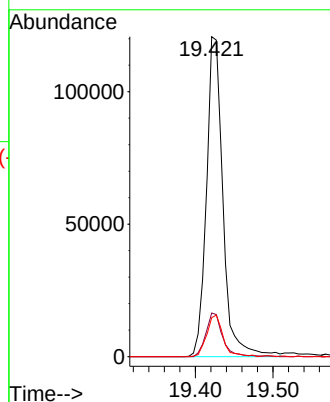
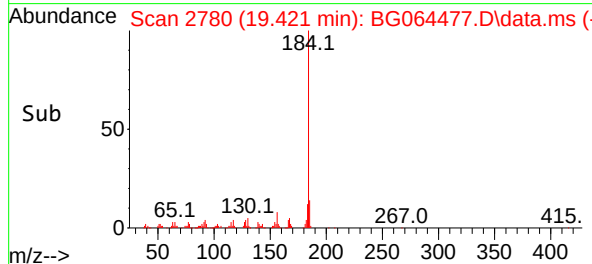
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 178853
Ion Ratio Lower Upper
184 100
185 13.6 10.9 16.3
183 12.2 9.8 14.6

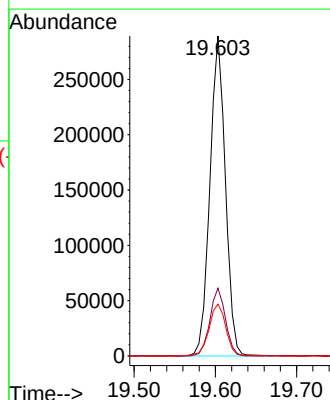
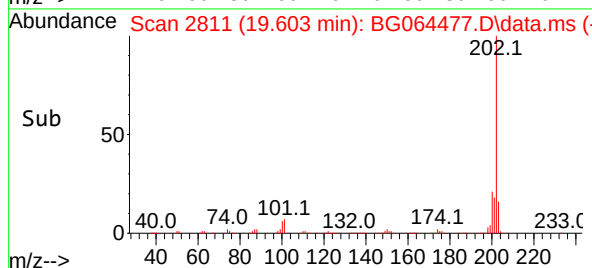
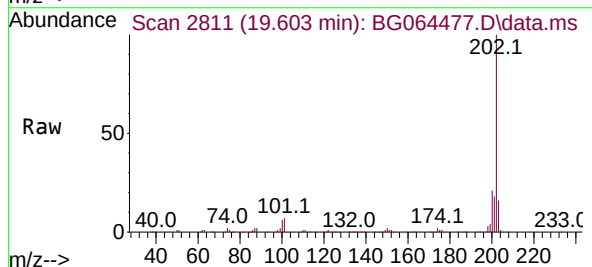
Manual Integrations
APPROVED

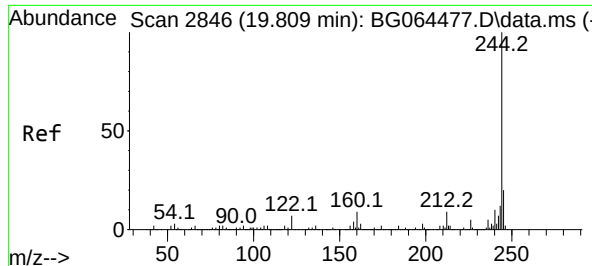
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 42.890 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

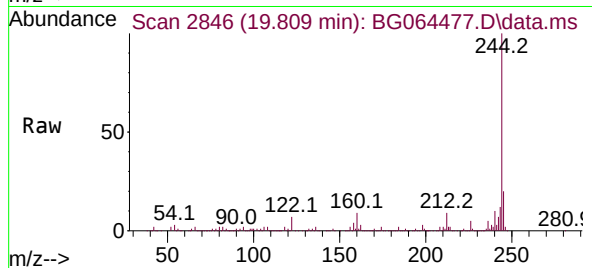
Tgt Ion:202 Resp: 383571
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 16.2 13.0 19.4





#79
Terphenyl-d14
Concen: 85.021 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

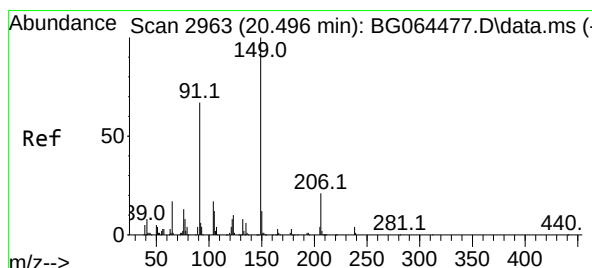
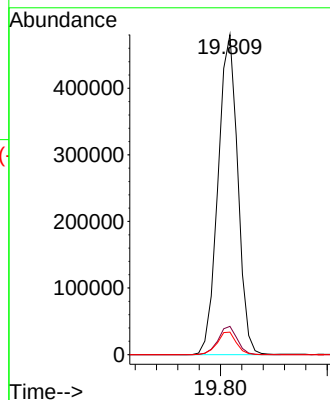
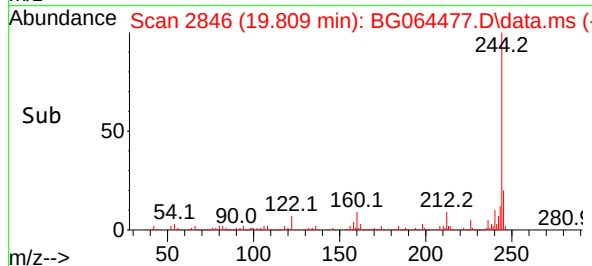
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 619099
Ion Ratio Lower Upper
244 100
212 8.8 7.0 10.6
122 7.0 5.6 8.4

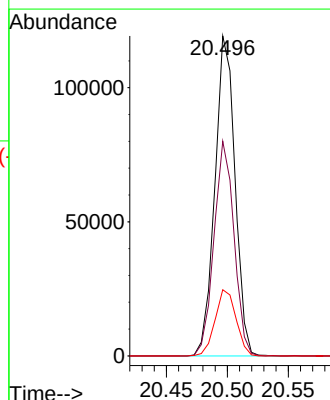
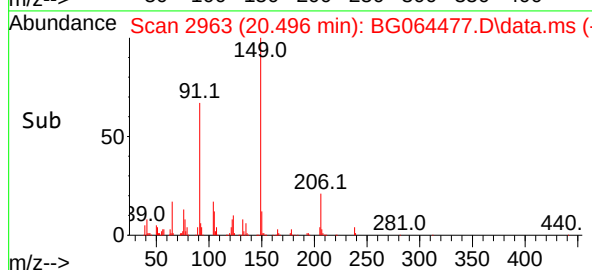
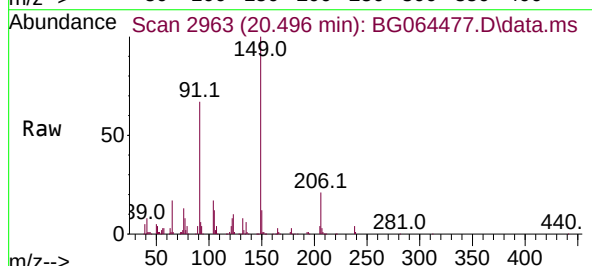
Manual Integrations
APPROVED

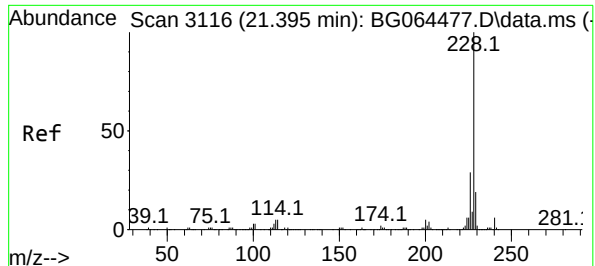
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 43.202 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

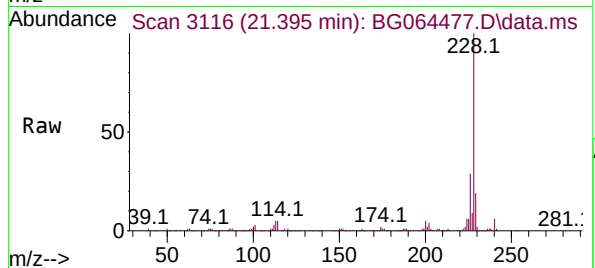
Tgt Ion:149 Resp: 136961
Ion Ratio Lower Upper
149 100
91 67.1 53.7 80.5
206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 42.392 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

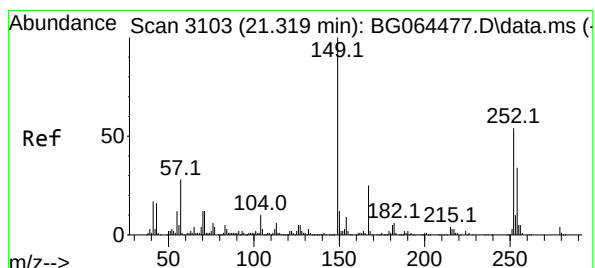
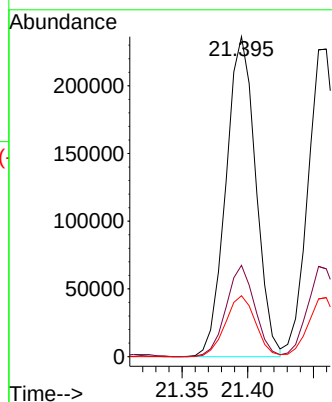
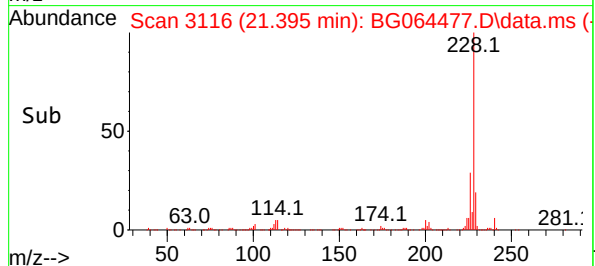
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 373009
Ion Ratio Lower Upper
228 100
226 28.5 22.8 34.2
229 19.0 15.2 22.8

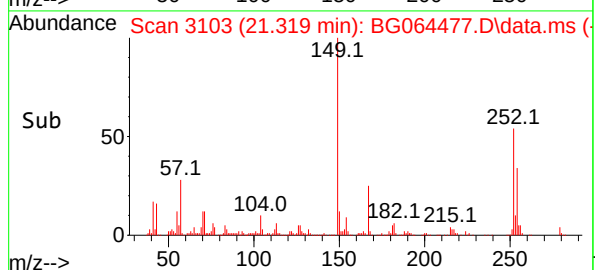
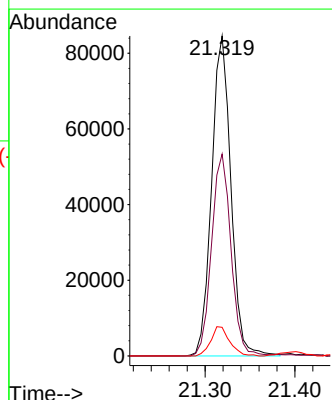
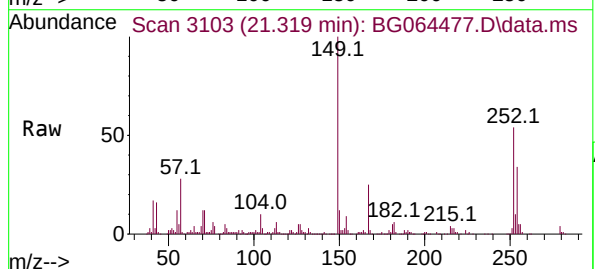
Manual Integrations
APPROVED

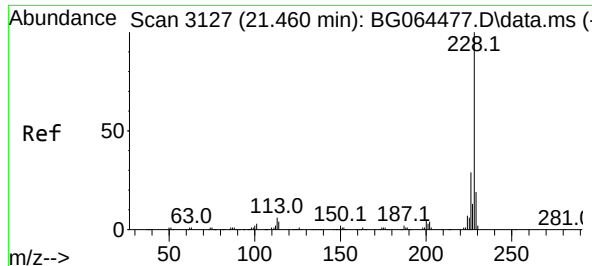
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.345 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 126107
Ion Ratio Lower Upper
252 100
254 63.1 50.5 75.7
126 8.9 7.1 10.7





#83

Chrysene

Concen: 42.849 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA_G

ClientSampleId :

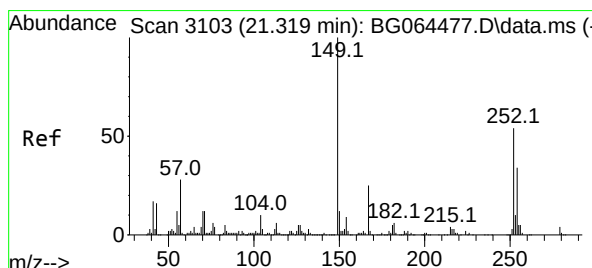
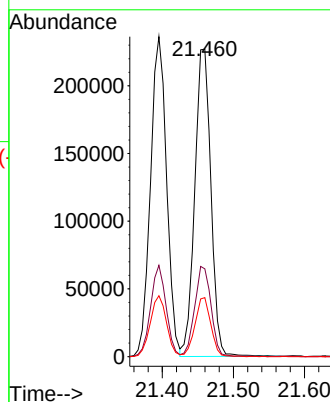
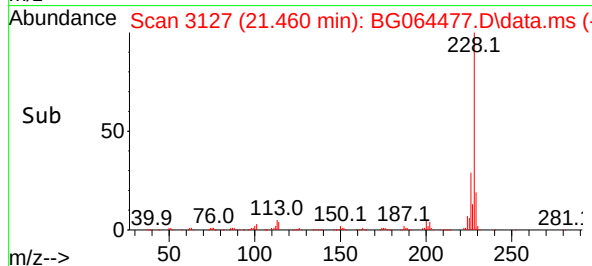
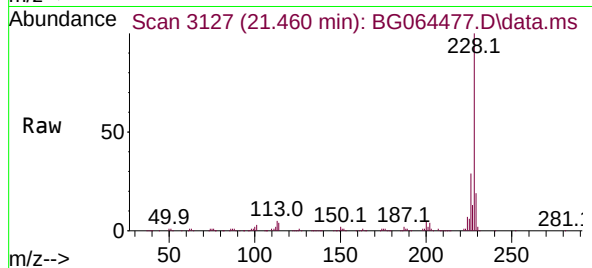
SSTDICCC040

Tgt Ion:	228	Resp:	357552
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.8	34.2
229	19.2	15.4	23.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.664 ng

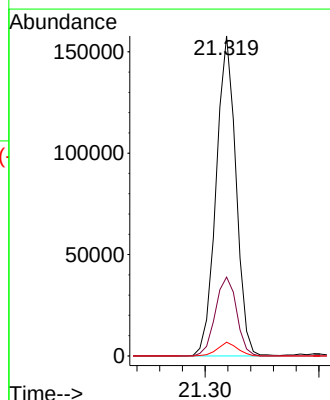
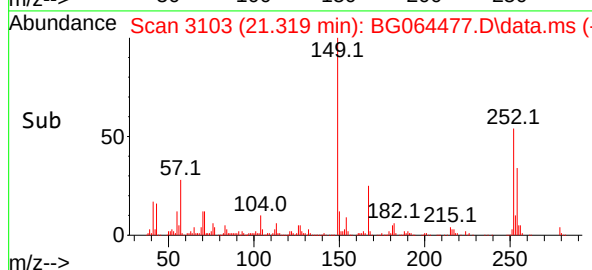
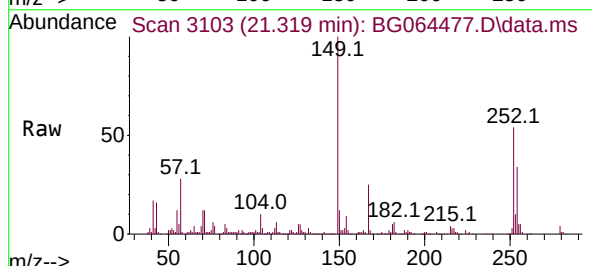
RT: 21.319 min Scan# 3103

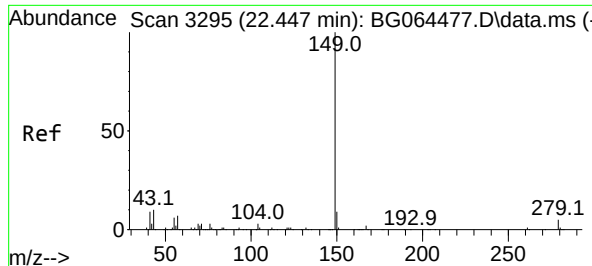
Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

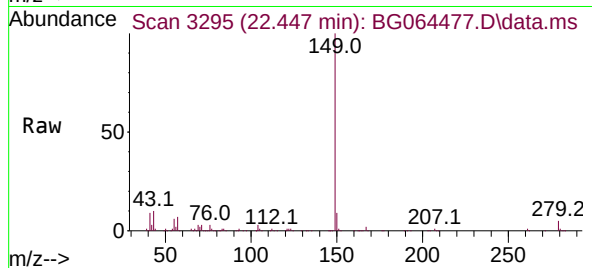
Tgt Ion:	149	Resp:	190838
Ion Ratio	Lower	Upper	
149	100		
167	24.6	19.7	29.5
279	4.3	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 42.277 ng
RT: 22.447 min Scan# 3295
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

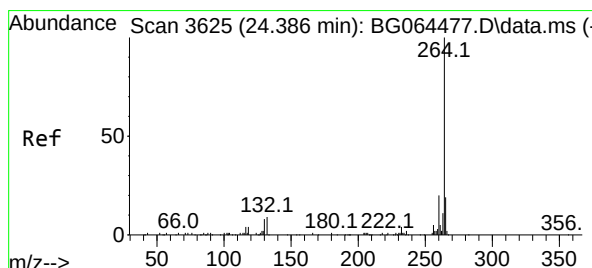
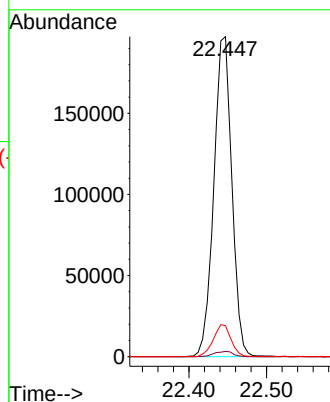
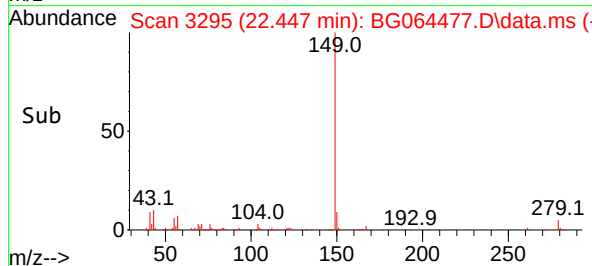
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 317830
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.9 7.9 11.9

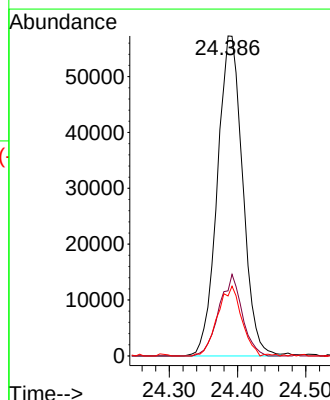
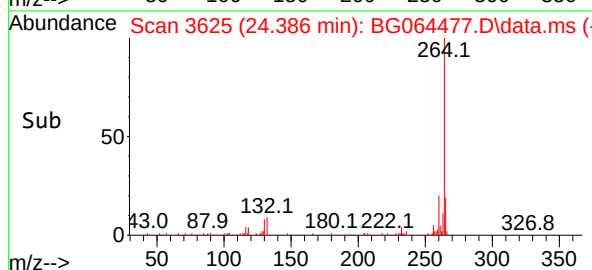
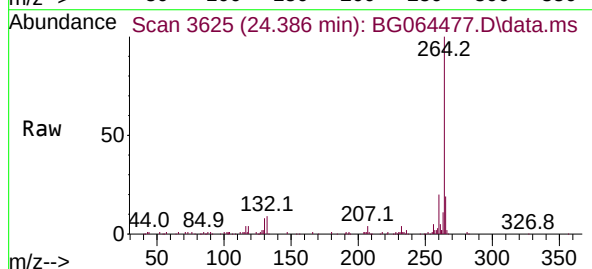
Manual Integrations
APPROVED

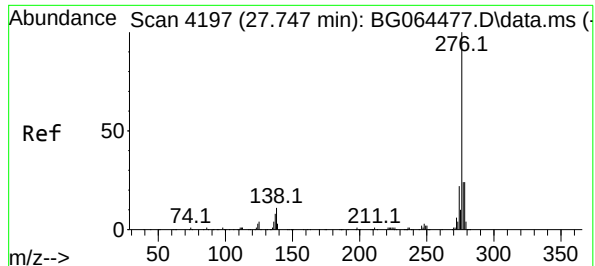
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

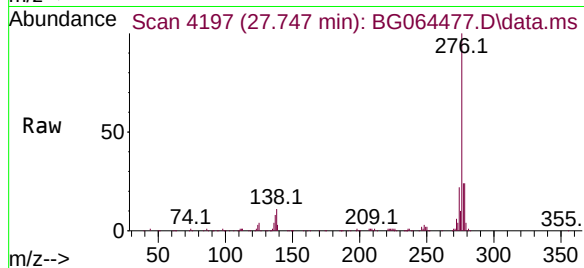
Tgt Ion:264 Resp: 147142
Ion Ratio Lower Upper
264 100
260 20.3 16.2 24.4
265 18.7 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.906 ng
RT: 27.747 min Scan# 4197
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

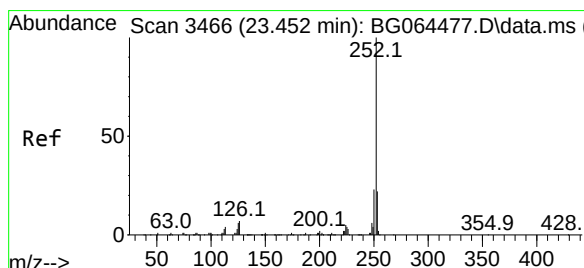
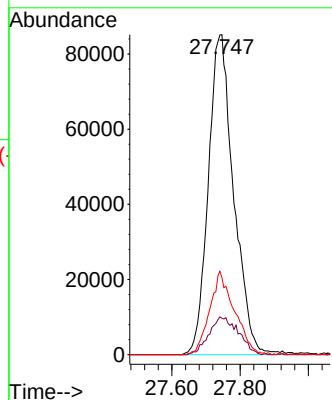
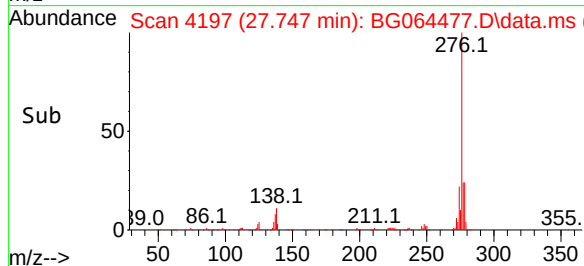
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 439448
Ion Ratio Lower Upper
276 100
138 13.5 10.8 16.2
277 25.4 20.3 30.5

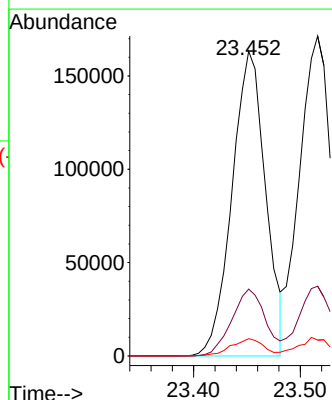
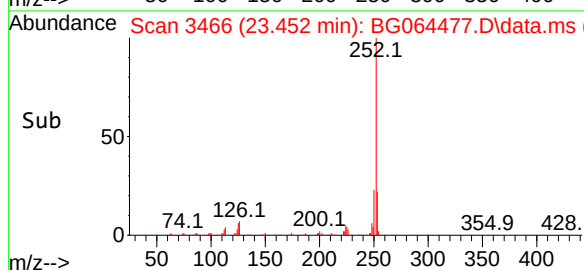
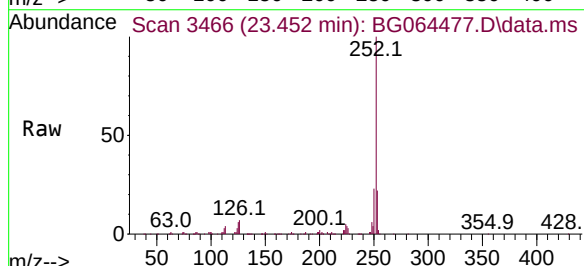
Manual Integrations
APPROVED

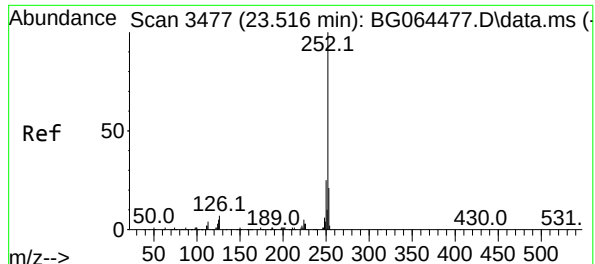
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 42.621 ng
RT: 23.452 min Scan# 3466
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

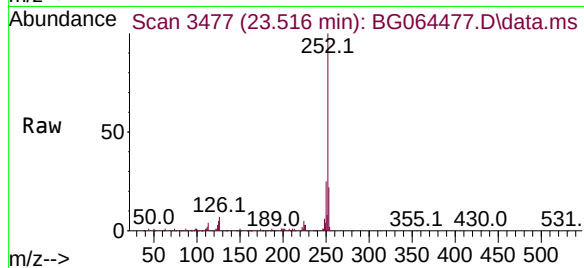
Tgt Ion:252 Resp: 356780
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.6 4.5 6.7





#89
Benzo(k)fluoranthene
Concen: 43.050 ng
RT: 23.516 min Scan# 3477
Delta R.T. 0.008 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

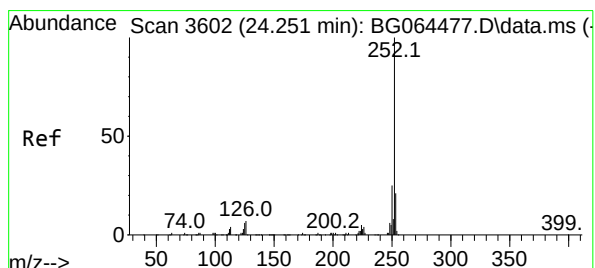
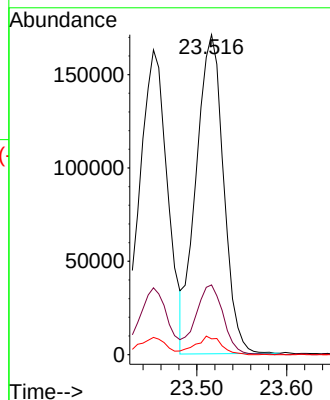
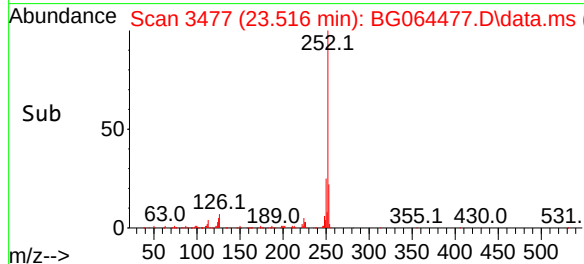
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:252 Resp: 362948
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 5.0 4.0 6.0

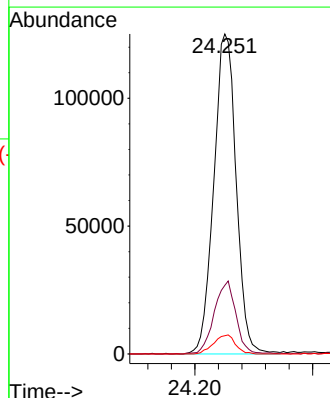
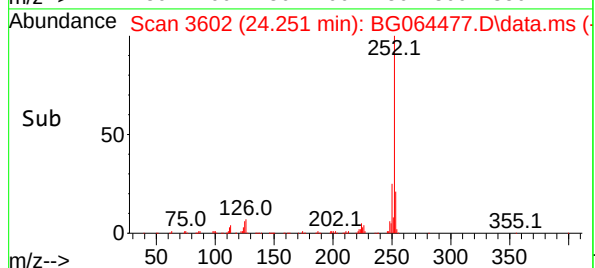
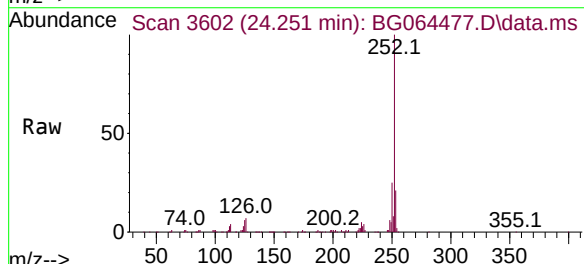
Manual Integrations
APPROVED

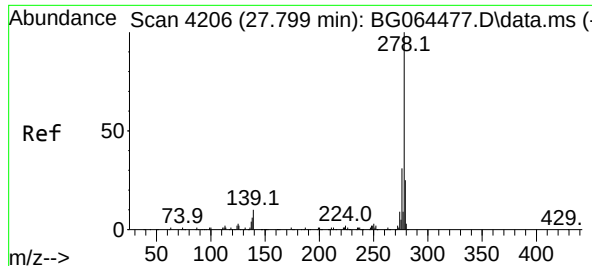
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90
Benzo(a)pyrene
Concen: 42.800 ng
RT: 24.251 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

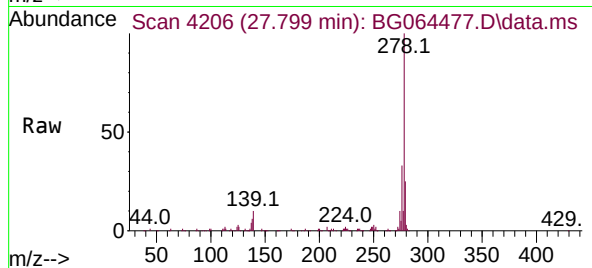
Tgt Ion:252 Resp: 330197
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 5.7 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 42.755 ng
RT: 27.799 min Scan# 4206
Delta R.T. 0.020 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

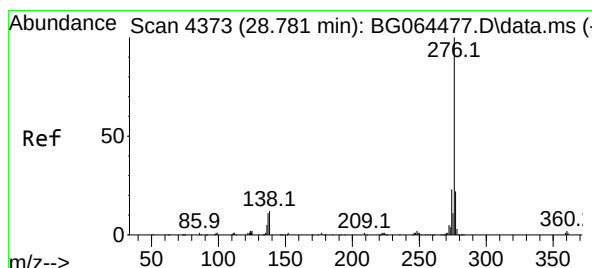
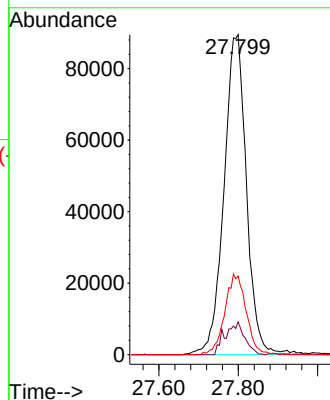
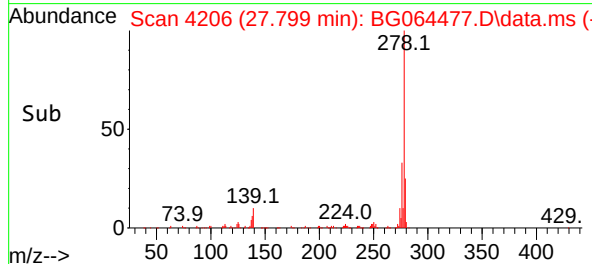
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 350192
Ion Ratio Lower Upper
278 100
139 10.2 8.2 12.2
279 24.5 19.6 29.4

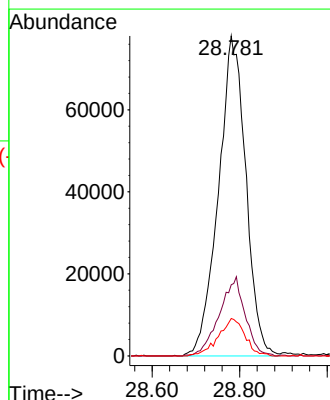
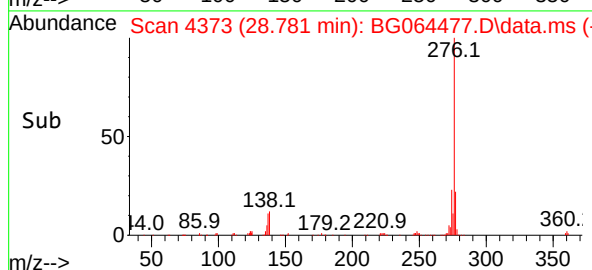
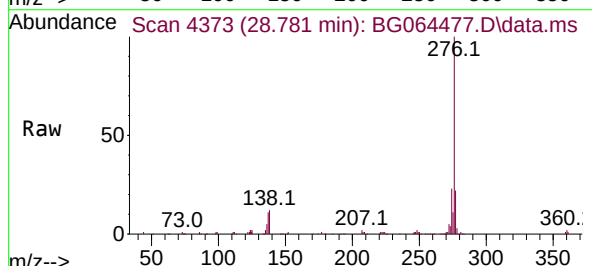
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 42.613 ng
RT: 28.781 min Scan# 4373
Delta R.T. 0.014 min
Lab File: BG064477.D
Acq: 2 Oct 2025 12:14

Tgt Ion:276 Resp: 339180
Ion Ratio Lower Upper
276 100
277 22.2 17.8 26.6
138 11.7 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064478.D
 Acq On : 2 Oct 2025 12:55
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	23869	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	102736	20.000	ng	0.00
39) Acenaphthene-d10	14.452	164	77950	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	200361	20.000	ng	0.00
76) Chrysene-d12	21.415	240	197724	20.000	ng	0.00
86) Perylene-d12	24.394	264	211036	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	127857	99.134	ng	0.00
7) Phenol-d6	7.002	99	171087	98.712	ng	0.02
23) Nitrobenzene-d5	8.982	82	189687	99.278	ng	0.02
42) 2,4,6-Tribromophenol	15.945	330	141783	100.345	ng	0.01
45) 2-Fluorobiphenyl	13.078	172	516540	97.676	ng	0.01
79) Terphenyl-d14	19.811	244	1018211	97.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.324	88	23748	46.551	ng	93
3) Pyridine	3.718	79	65738	47.947	ng	95
4) n-Nitrosodimethylamine	3.636	42	49695	49.999	ng	100
6) Aniline	7.155	93	105749	48.370	ng	96
8) 2-Chlorophenol	7.390	128	75448	47.639	ng	94
9) Benzaldehyde	6.967	77	68724	44.668	ng	97
10) Phenol	7.026	94	90535	49.517	ng	94
11) bis(2-Chloroethyl)ether	7.249	93	59666	48.187	ng	96
12) 1,3-Dichlorobenzene	7.713	146	82662	47.713	ng	95
13) 1,4-Dichlorobenzene	7.860	146	84794	48.767	ng	99
14) 1,2-Dichlorobenzene	8.177	146	82182	47.956	ng	98
15) Benzyl Alcohol	8.060	79	80094	50.179	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.348	45	98476	49.340	ng	95
17) 2-Methylphenol	8.271	107	64206	48.496	ng	96
18) Hexachloroethane	8.900	117	33535	48.862	ng	95
19) n-Nitroso-di-n-propyla...	8.636	70	57232	49.375	ng	# 92
20) 3+4-Methylphenols	8.600	107	89015	48.180	ng	95
22) Acetophenone	8.642	105	125989	50.649	ng	# 98
24) Nitrobenzene	9.023	77	93559	49.104	ng	98
25) Isophorone	9.546	82	169476	48.963	ng	# 97
26) 2-Nitrophenol	9.729	139	47538	50.130	ng	95
27) 2,4-Dimethylphenol	9.793	122	73076	50.454	ng	95
28) bis(2-Chloroethoxy)met...	10.028	93	86333	48.931	ng	99
29) 2,4-Dichlorophenol	10.263	162	82797	49.435	ng	96
30) 1,2,4-Trichlorobenzene	10.481	180	87173	47.734	ng	96
31) Naphthalene	10.663	128	255453	48.286	ng	98
32) Benzoic acid	9.975	122	60774m	54.652	ng	
33) 4-Chloroaniline	10.768	127	99704	49.113	ng	97
34) Hexachlorobutadiene	10.951	225	76081	48.646	ng	97
35) Caprolactam	11.562	113	28417	49.561	ng	92
36) 4-Chloro-3-methylphenol	11.902	107	100226	49.208	ng	98
37) 2-Methylnaphthalene	12.273	142	199899	49.224	ng	96
38) 1-Methylnaphthalene	12.490	142	192614	47.567	ng	98
40) 1,2,4,5-Tetrachloroben...	12.643	216	124648	49.525	ng	98
41) Hexachlorocyclopentadiene	12.625	237	69372	52.692	ng	93
43) 2,4,6-Trichlorophenol	12.884	196	81144	50.434	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064478.D
 Acq On : 2 Oct 2025 12:55
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

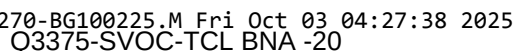
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.960	196	90524	50.396	ng	98
46) 1,1'-Biphenyl	13.289	154	279537	49.860	ng	97
47) 2-Chloronaphthalene	13.330	162	205802	49.166	ng	99
48) 2-Nitroaniline	13.530	65	75138	52.594	ng	94
49) Acenaphthylene	14.170	152	306740	49.365	ng	98
50) Dimethylphthalate	13.912	163	298441	48.884	ng	98
51) 2,6-Dinitrotoluene	14.029	165	64970	51.087	ng	93
52) Acenaphthene	14.517	154	215606	49.943	ng	97
53) 3-Nitroaniline	14.358	138	61347	52.305	ng	92
54) 2,4-Dinitrophenol	14.564	184	44469	48.222	ng	89
55) Dibenzofuran	14.852	168	354924	49.793	ng	99
56) 4-Nitrophenol	14.676	139	49950	54.092	ng	94
57) 2,4-Dinitrotoluene	14.817	165	99930	51.401	ng	95
58) Fluorene	15.498	166	290041	48.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	92595	50.511	ng	98
60) Diethylphthalate	15.281	149	326367	49.833	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	159141	49.191	ng	96
62) 4-Nitroaniline	15.528	138	67296	55.050	ng	89
63) Azobenzene	15.786	77	252408	49.764	ng	97
65) 4,6-Dinitro-2-methylph...	15.580	198	69009	49.467	ng	97
66) n-Nitrosodiphenylamine	15.710	169	254244	47.518	ng	97
67) 4-Bromophenyl-phenylether	16.385	248	112356	47.653	ng	92
68) Hexachlorobenzene	16.503	284	130063	48.208	ng	95
69) Atrazine	16.662	200	116098	48.772	ng	99
70) Pentachlorophenol	16.850	266	83126	52.695	ng	96
71) Phenanthrene	17.237	178	501941	47.904	ng	99
72) Anthracene	17.325	178	501276	47.688	ng	98
73) Carbazole	17.596	167	439490	48.370	ng	99
74) Di-n-butylphthalate	18.160	149	538886	48.585	ng	100
75) Fluoranthene	19.241	202	597309	47.718	ng	99
77) Benzidine	19.423	184	266730	54.213	ng	100
78) Pyrene	19.605	202	613709	47.828	ng	98
80) Butylbenzylphthalate	20.498	149	221172	48.623	ng	95
81) Benzo(a)anthracene	21.397	228	611850	48.464	ng	98
82) 3,3'-Dichlorobenzidine	21.321	252	208942	48.899	ng	99
83) Chrysene	21.462	228	579585	48.408	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	317005	49.393	ng	98
85) Di-n-octyl phthalate	22.443	149	530469	49.179	ng	99
87) Indeno(1,2,3-cd)pyrene	27.754	276	731852	49.822	ng	# 96
88) Benzo(b)fluoranthene	23.459	252	602249	50.163	ng	98
89) Benzo(k)fluoranthene	23.518	252	592576	49.006	ng	99
90) Benzo(a)pyrene	24.259	252	543872	49.152	ng	99
91) Dibenzo(a,h)anthracene	27.807	278	588448	50.092	ng	95
92) Benzo(g,h,i)perylene	28.806	276	564079	49.412	ng	96

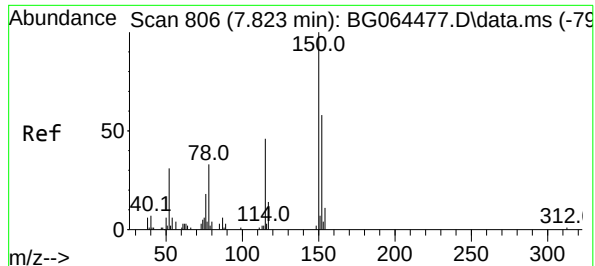
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

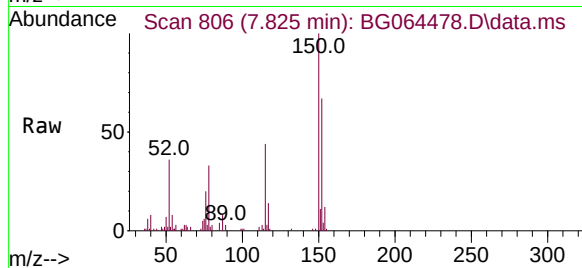
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jaagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

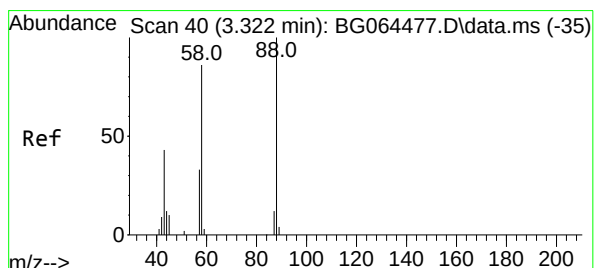
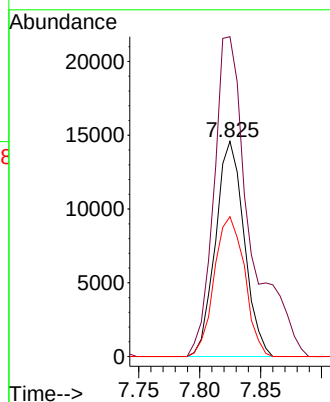
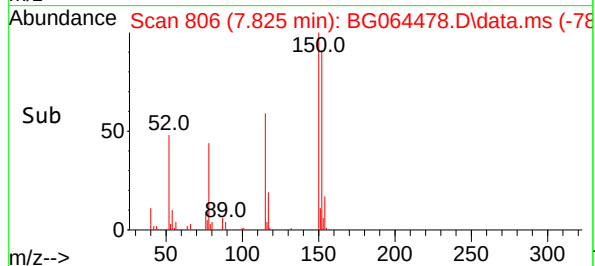
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 23869
Ion Ratio Lower Upper
152 100
150 148.6 138.6 207.8
115 65.0 63.4 95.2

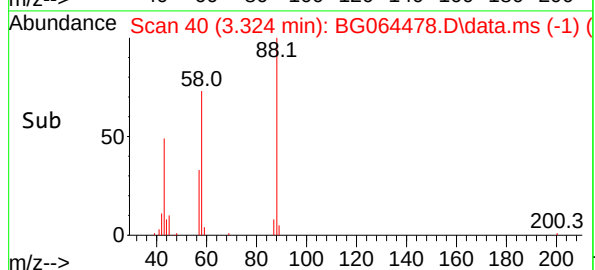
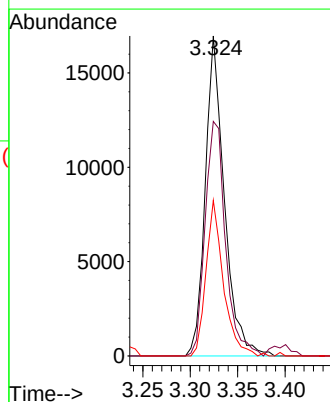
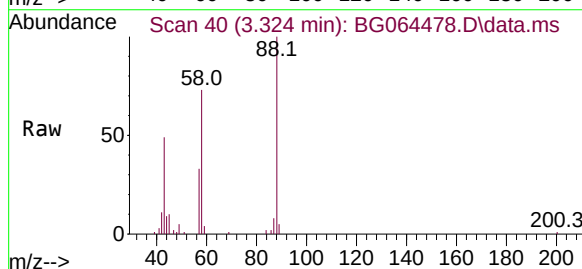
Manual Integrations
APPROVED

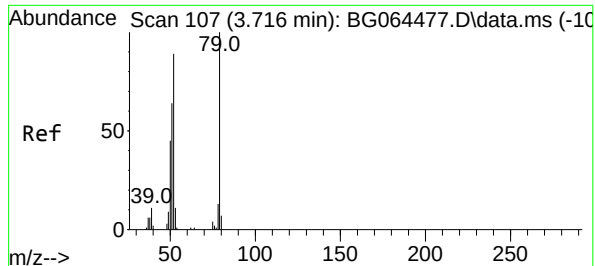
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 46.551 ng
RT: 3.324 min Scan# 40
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

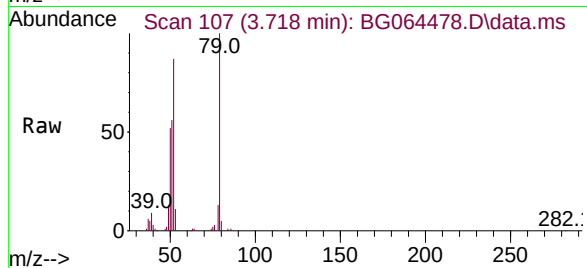
Tgt Ion: 88 Resp: 23748
Ion Ratio Lower Upper
88 100
58 78.5 69.8 104.6
43 44.5 37.4 56.0





#3
Pyridine
Concen: 47.947 ng
RT: 3.718 min Scan# 107
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

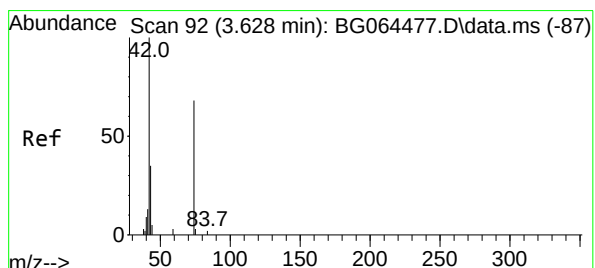
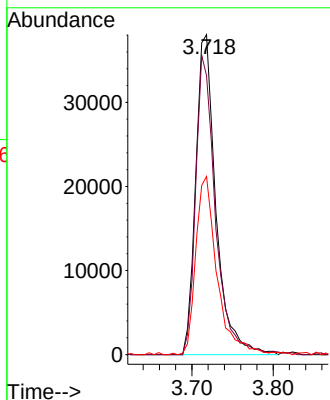
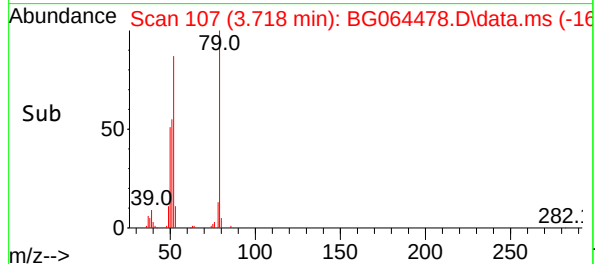
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 65738
Ion Ratio Lower Upper
79 100
52 87.2 71.0 106.4
51 55.7 51.0 76.6

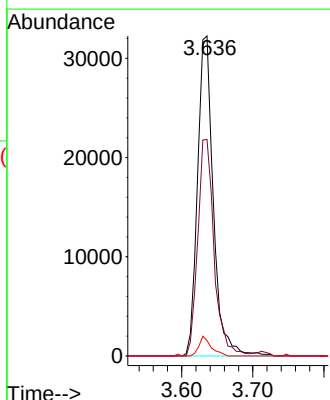
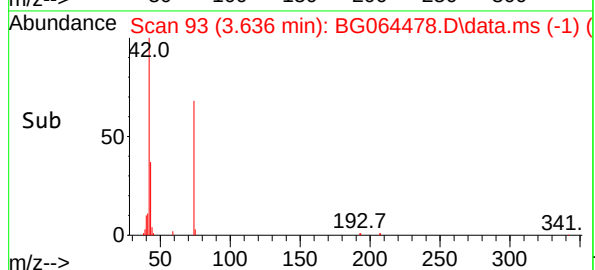
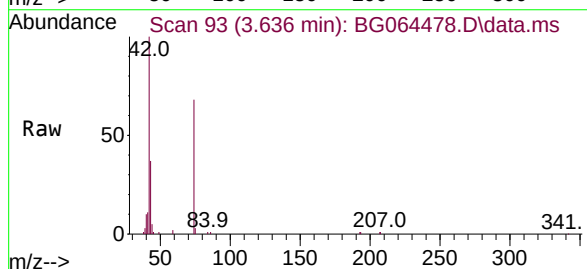
Manual Integrations
APPROVED

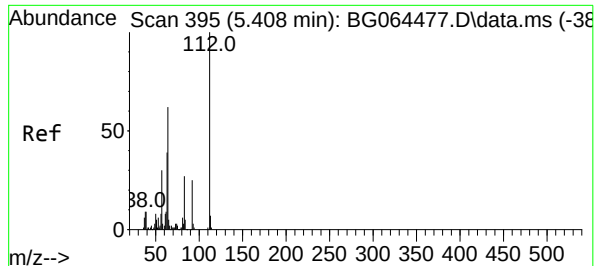
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 49.999 ng
RT: 3.636 min Scan# 93
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 42 Resp: 49695
Ion Ratio Lower Upper
42 100
74 67.6 54.2 81.4
44 4.8 4.2 6.2





#5

2-Fluorophenol

Concen: 99.134 ng

RT: 5.410 min Scan# 395

Delta R.T. 0.004 min

Lab File: BG064478.D

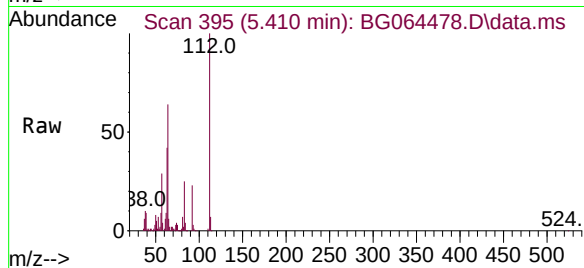
Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

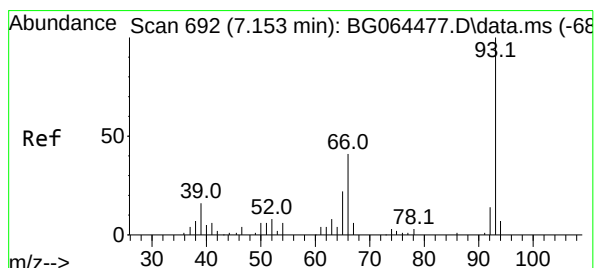
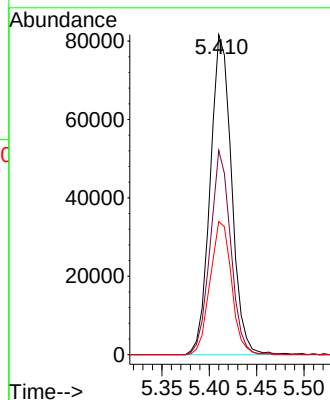
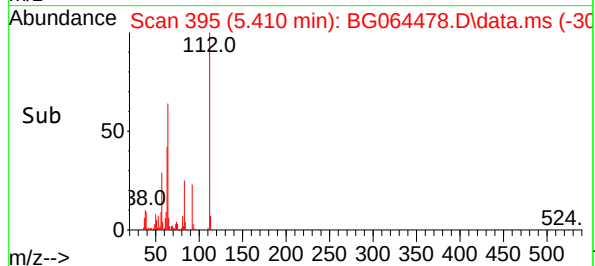


Tgt Ion:	112	Resp:	12785
Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.8	74.8
63	41.6	31.3	46.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#6

Aniline

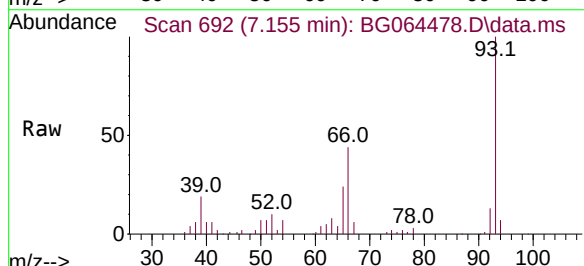
Concen: 48.370 ng

RT: 7.155 min Scan# 692

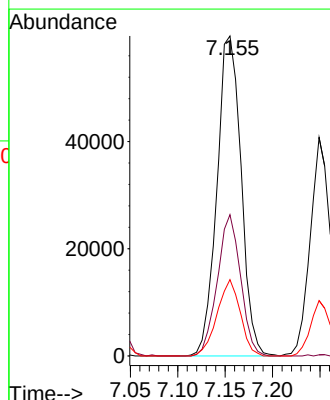
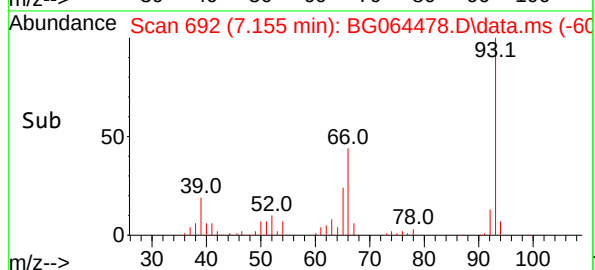
Delta R.T. 0.010 min

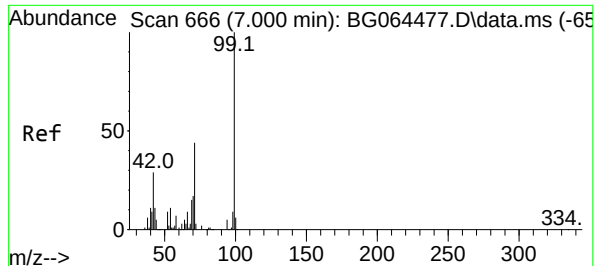
Lab File: BG064478.D

Acq: 2 Oct 2025 12:55



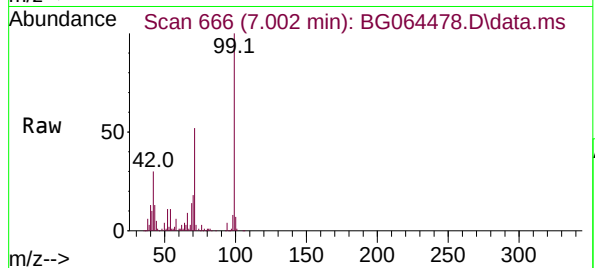
Tgt Ion:	93	Resp:	105749
Ion	Ratio	Lower	Upper
93	100		
66	44.1	33.0	49.4
65	23.8	17.5	26.3





#7
Phenol-d6
Concen: 98.712 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

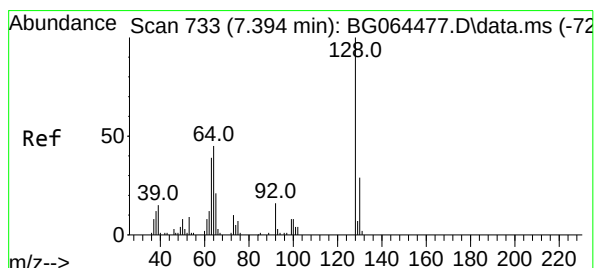
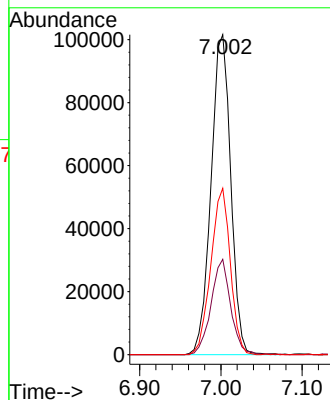
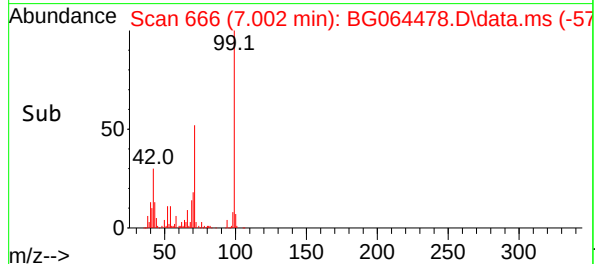
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 17108
Ion Ratio Lower Upper
99 100
42 29.8 22.9 34.3
71 52.0 35.4 53.2

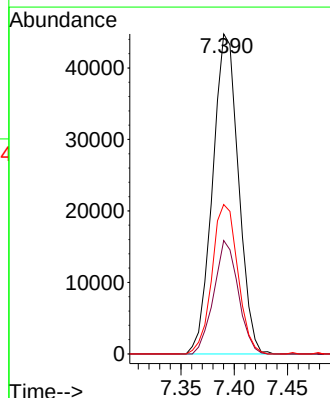
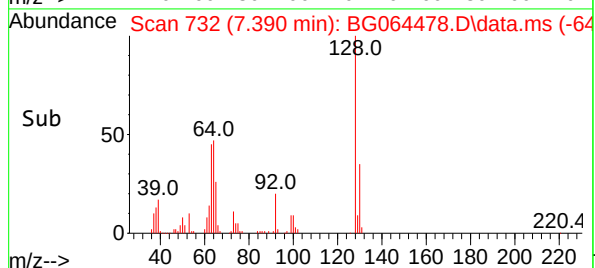
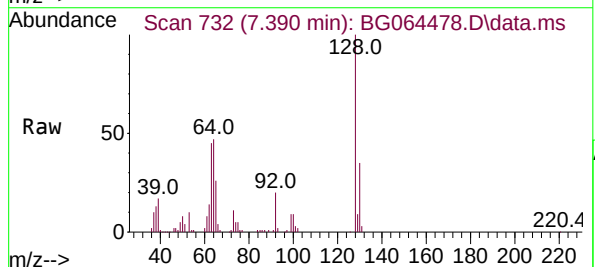
Manual Integrations
APPROVED

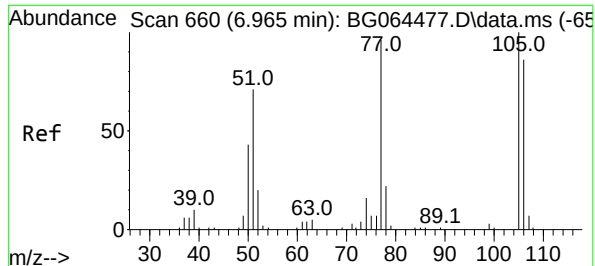
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 47.639 ng
RT: 7.390 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

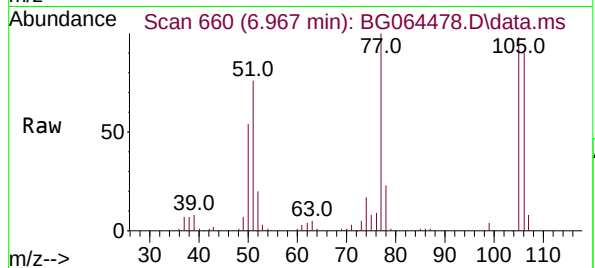
Tgt Ion:128 Resp: 75448
Ion Ratio Lower Upper
128 100
130 35.4 9.2 49.2
64 46.7 25.5 65.5





#9
Benzaldehyde
Concen: 44.668 ng
RT: 6.967 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

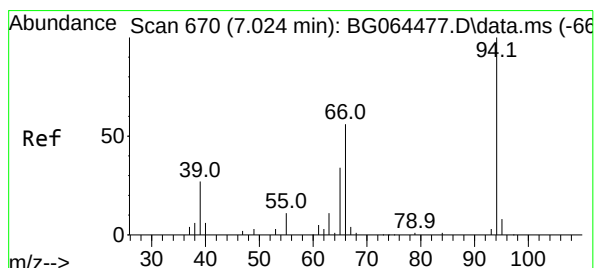
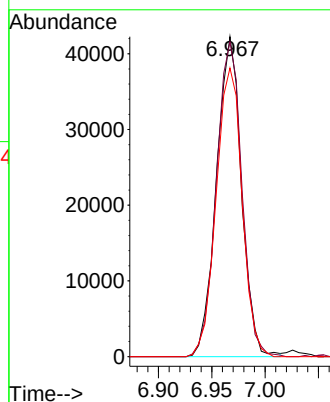
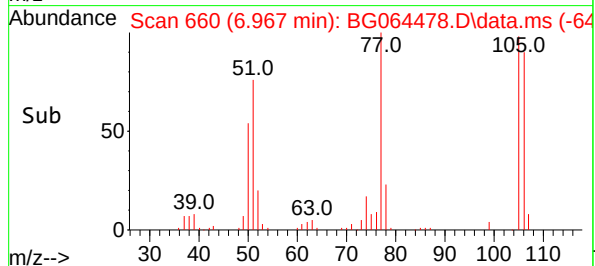
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 68724
Ion Ratio Lower Upper
77 100
105 98.3 83.7 123.7
106 90.2 69.4 109.4

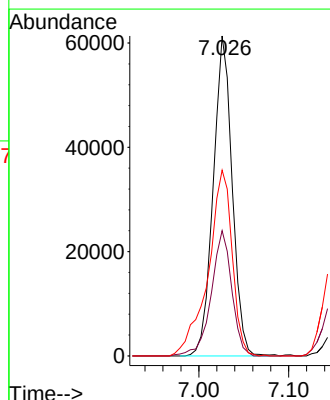
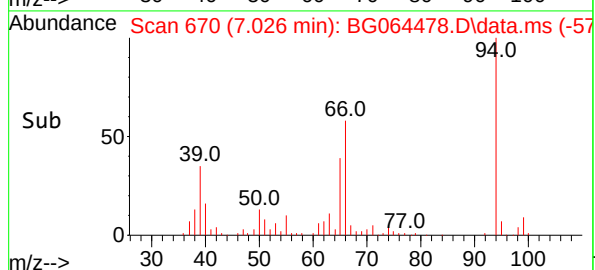
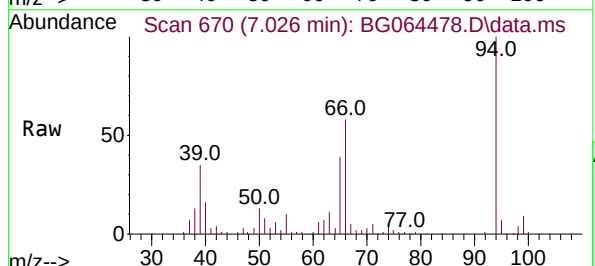
Manual Integrations
APPROVED

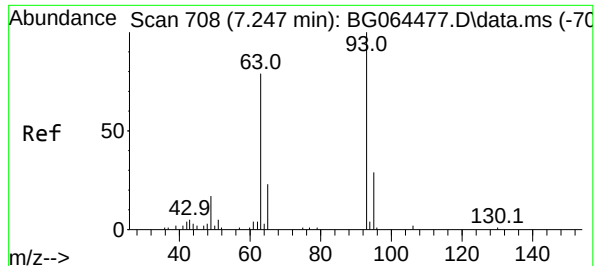
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 49.517 ng
RT: 7.026 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 94 Resp: 90535
Ion Ratio Lower Upper
94 100
65 39.1 14.8 54.8
66 58.0 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 48.187 ng

RT: 7.249 min Scan# 708

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

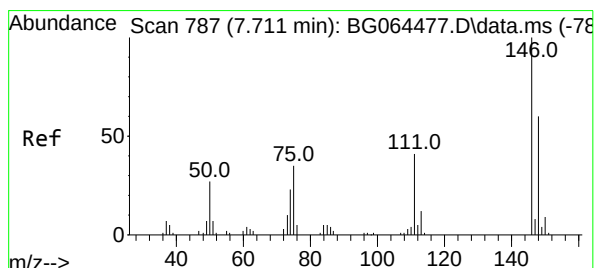
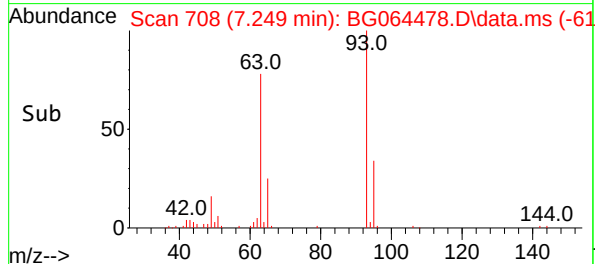
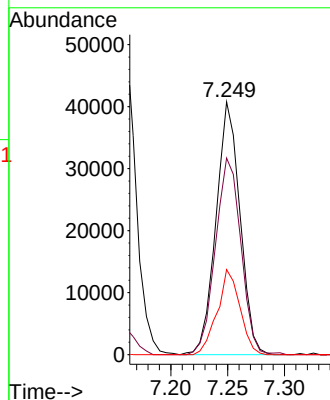
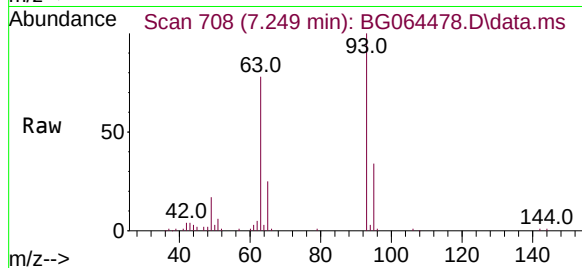
SSTDICC050

Tgt Ion:	93	Resp:	5966
Ion	Ratio	Lower	Upper
93	100		
63	77.8	59.5	99.5
95	33.7	8.8	48.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 47.713 ng

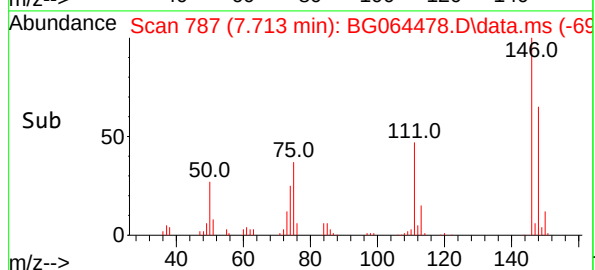
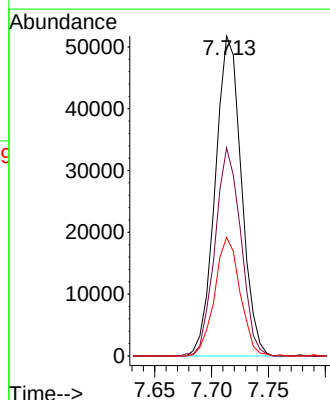
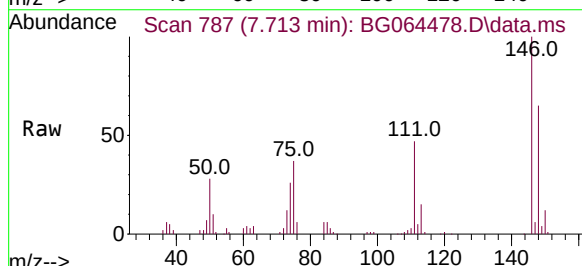
RT: 7.713 min Scan# 787

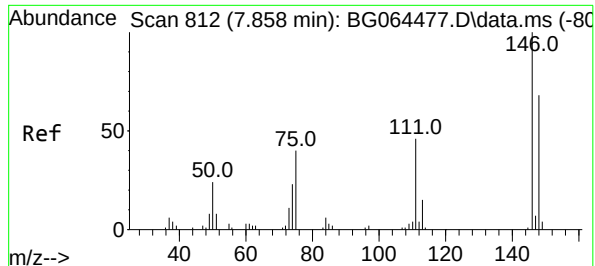
Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Tgt Ion:	146	Resp:	82662
Ion	Ratio	Lower	Upper
146	100		
148	65.1	48.4	72.6
75	37.0	28.3	42.5





#13

1,4-Dichlorobenzene

Concen: 48.767 ng

RT: 7.860 min Scan# 812

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

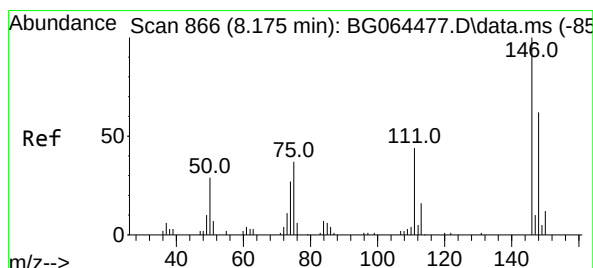
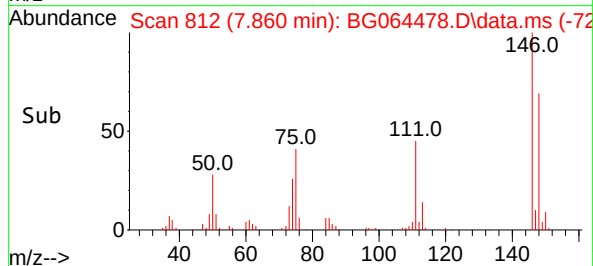
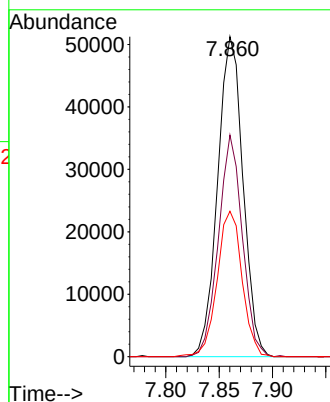
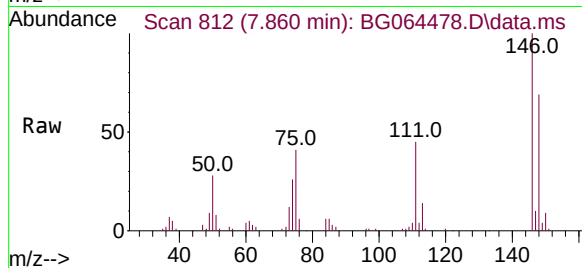
Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:	146	Resp:	84794
Ion Ratio	Lower	Upper	
146	100		
148	69.3	54.4	81.6
111	45.4	36.5	54.7

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

#14

1,2-Dichlorobenzene

Concen: 47.956 ng

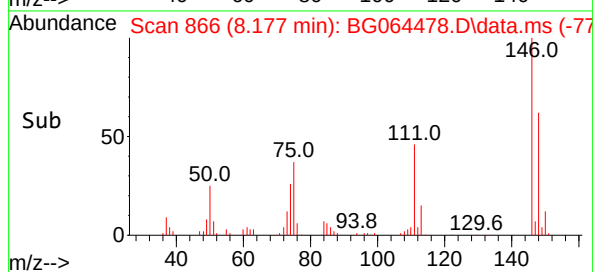
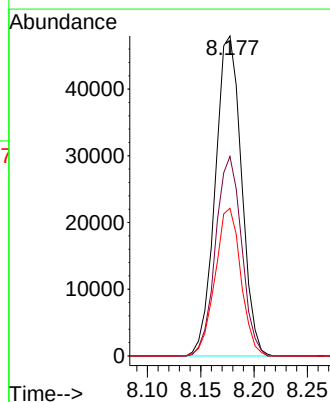
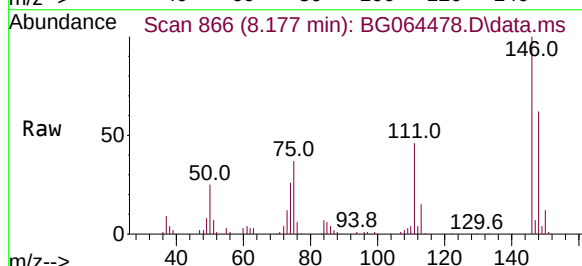
RT: 8.177 min Scan# 866

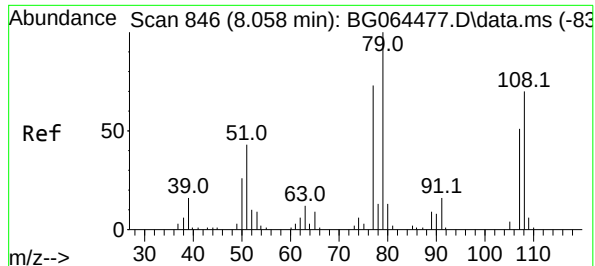
Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Tgt Ion:	146	Resp:	82182
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.0	75.0
111	46.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 50.179 ng

RT: 8.060 min Scan# 846

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

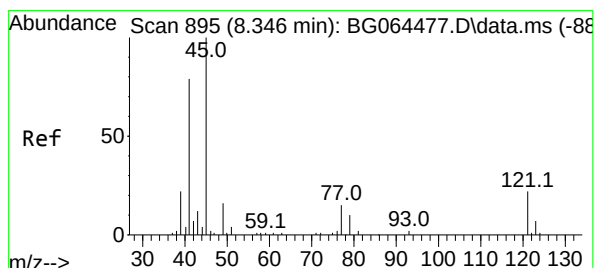
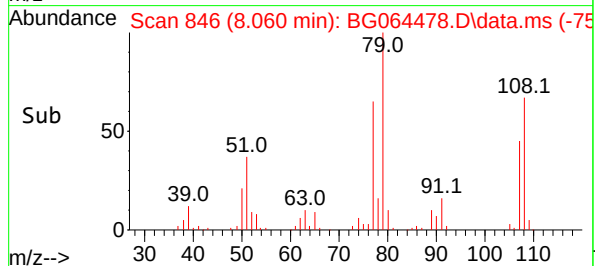
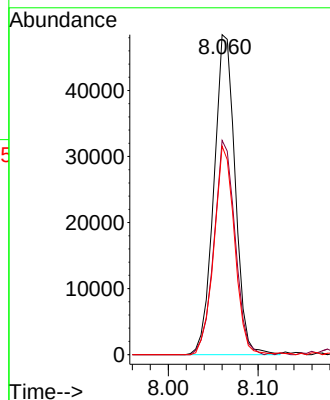
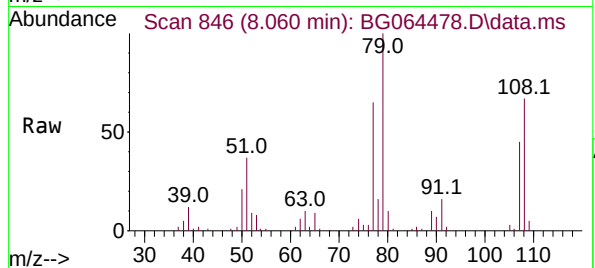
SSTDICC050

Tgt Ion:	79	Resp:	80094
Ion	Ratio	Lower	Upper
79	100		
108	66.9	56.4	84.6
77	65.1	58.3	87.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.340 ng

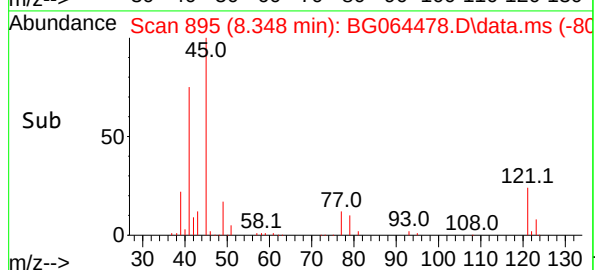
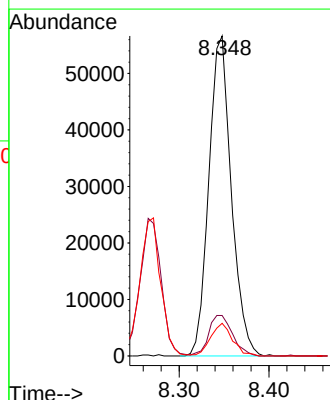
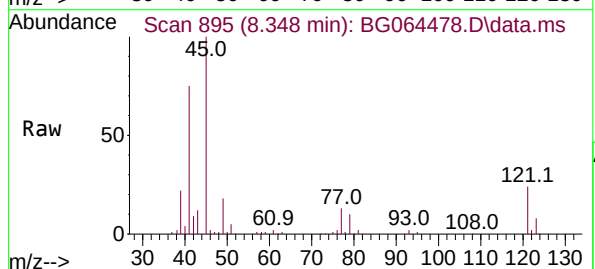
RT: 8.348 min Scan# 895

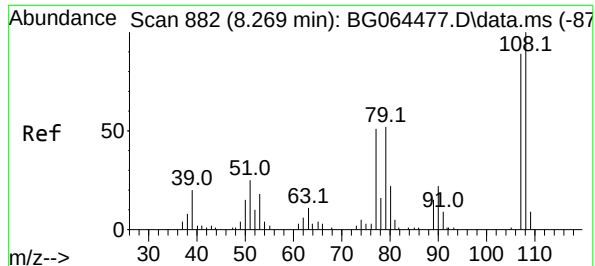
Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Tgt Ion:	45	Resp:	98476
Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	35.6
79	10.2	0.0	30.7





#17

2-Methylphenol

Concen: 48.496 ng

RT: 8.271 min Scan# 882

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tgt Ion:107 Resp: 64206

Ion Ratio Lower Upper

107 100

108 116.9 90.3 135.5

77 59.2 46.0 69.0

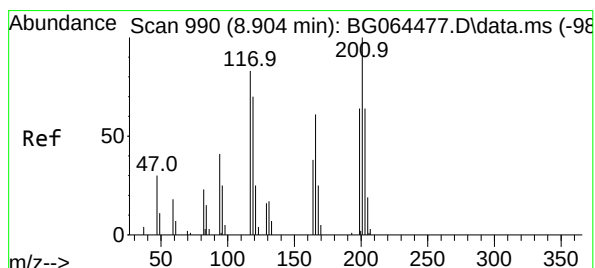
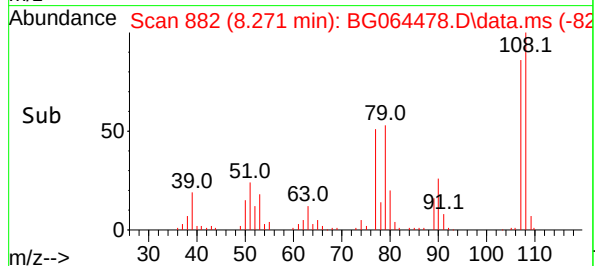
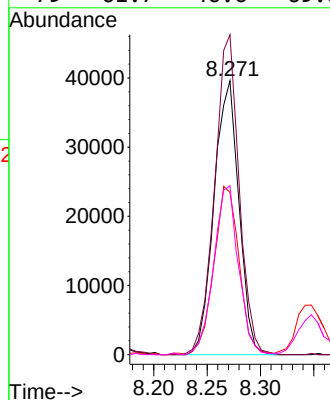
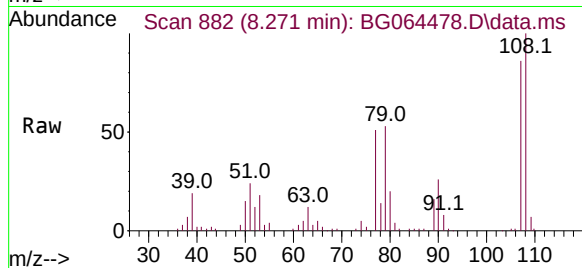
79 61.7 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 48.862 ng

RT: 8.900 min Scan# 989

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

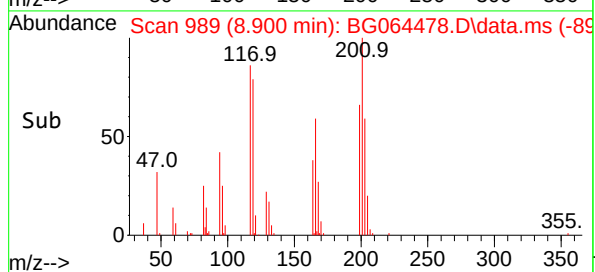
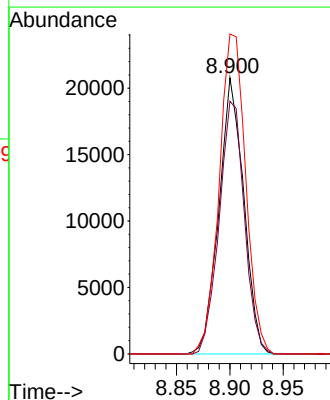
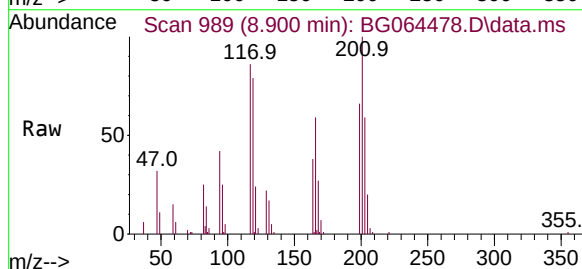
Tgt Ion:117 Resp: 33535

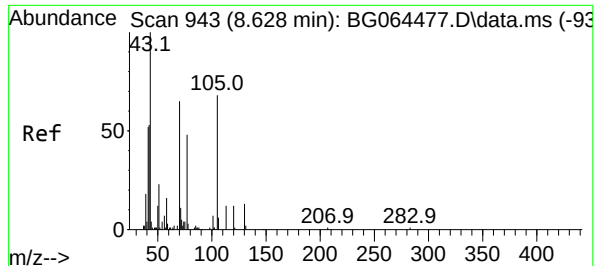
Ion Ratio Lower Upper

117 100

119 91.5 67.4 101.0

201 115.9 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 49.375 ng

RT: 8.636 min Scan# 94

Delta R.T. 0.022 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 5723

Ion Ratio Lower Upper

70 100

42 87.5 64.9 97.3

101 8.3 8.7 13.1

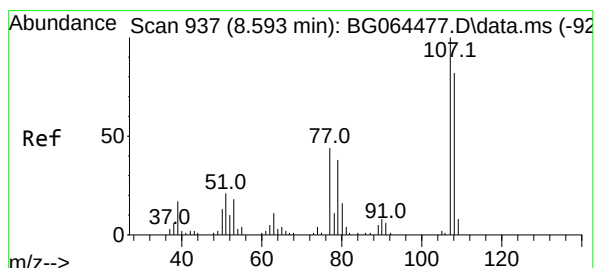
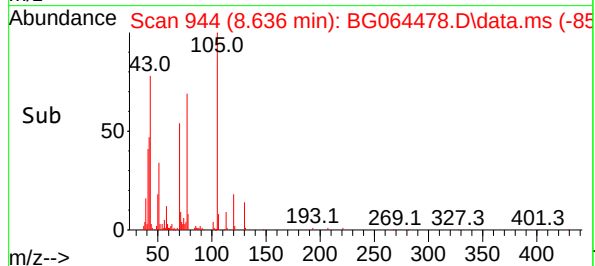
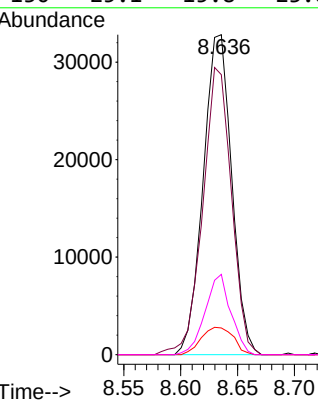
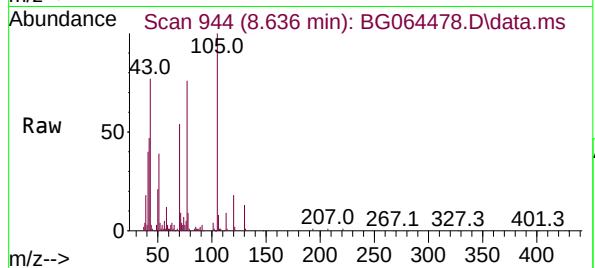
130 25.1 15.8 23.8#

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 48.180 ng

RT: 8.600 min Scan# 938

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Tgt Ion:107 Resp: 89015

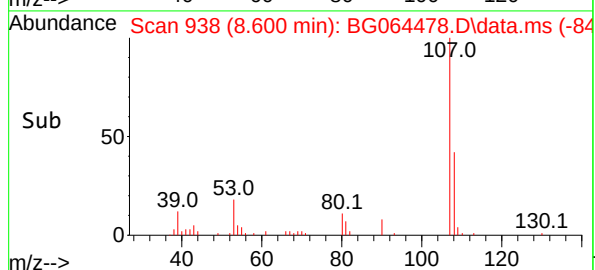
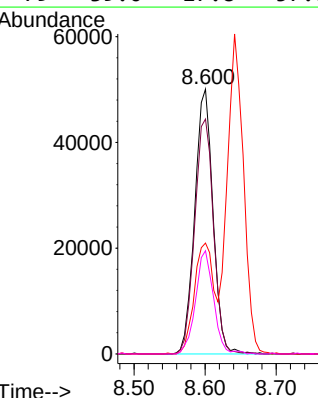
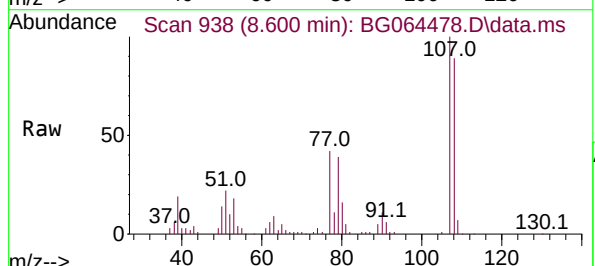
Ion Ratio Lower Upper

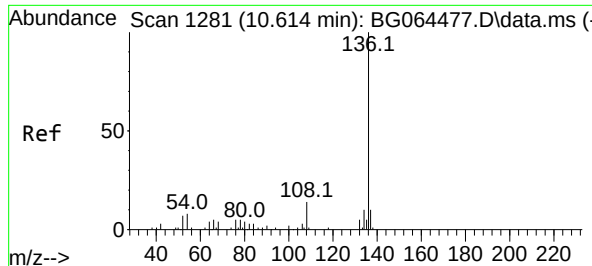
107 100

108 88.7 62.1 102.1

77 41.8 23.5 63.5

79 39.0 17.8 57.8





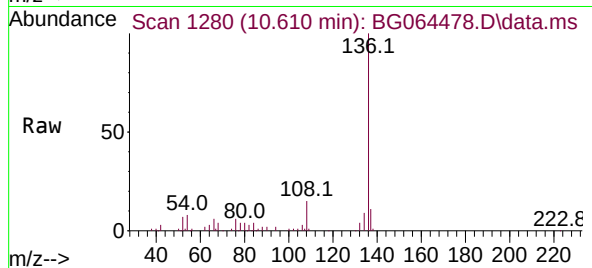
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1281
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



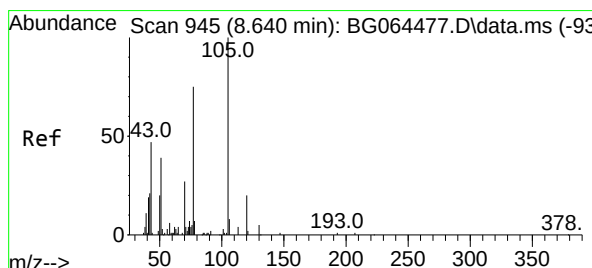
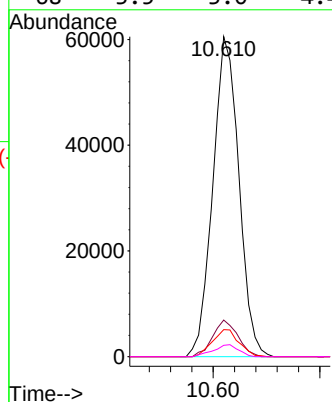
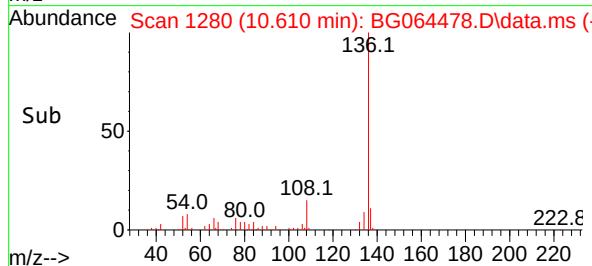
Tgt Ion:136 Resp: 102736
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 8.4 6.2 9.4
68 3.5 3.0 4.4

Manual Integrations

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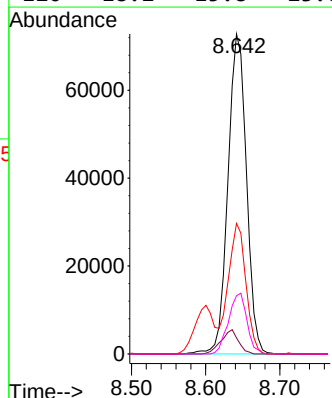
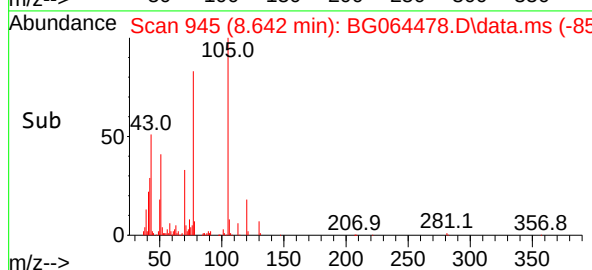
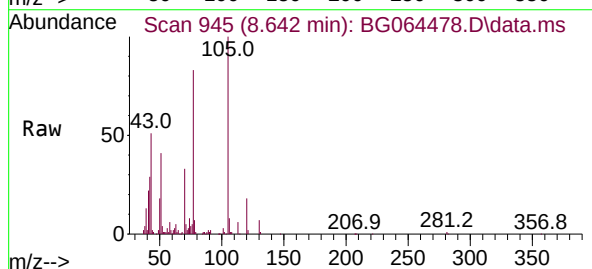
Reviewed By :Rahul Chavli 10/03/2025

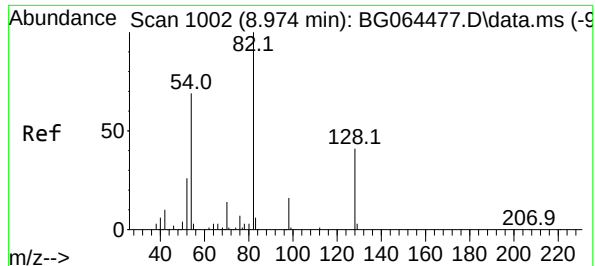
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 50.649 ng
RT: 8.642 min Scan# 945
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:105 Resp: 125989
Ion Ratio Lower Upper
105 100
71 5.0 2.8 4.2#
51 40.8 33.0 49.4
120 18.2 15.8 23.6





#23

Nitrobenzene-d5

Concen: 99.278 ng

RT: 8.982 min Scan# 10

Delta R.T. 0.016 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 18968

Ion Ratio Lower Upper

82 100

128 39.9 33.1 49.7

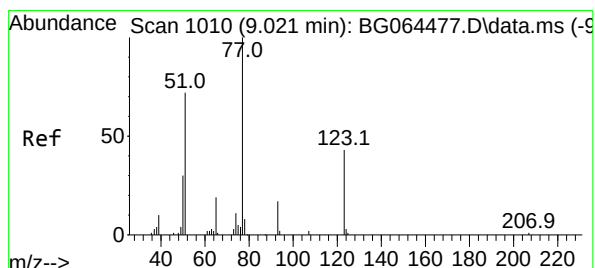
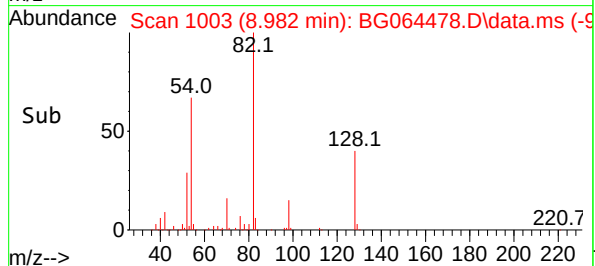
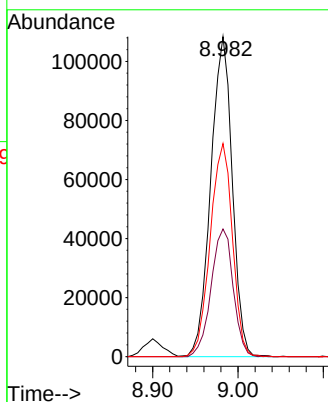
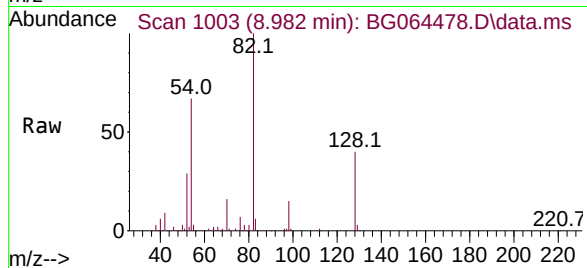
54 66.6 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 49.104 ng

RT: 9.023 min Scan# 1010

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

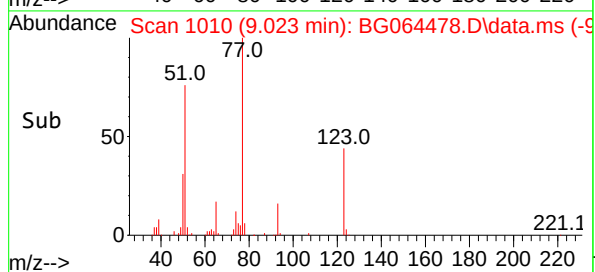
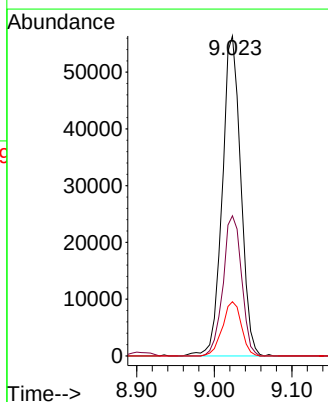
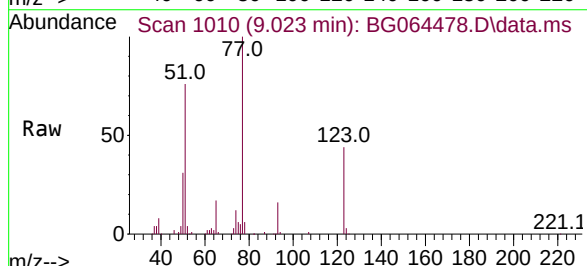
Tgt Ion: 77 Resp: 93559

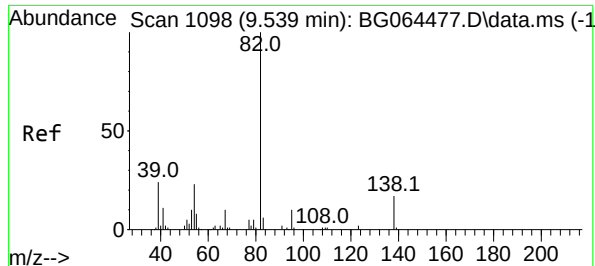
Ion Ratio Lower Upper

77 100

123 43.8 34.4 51.6

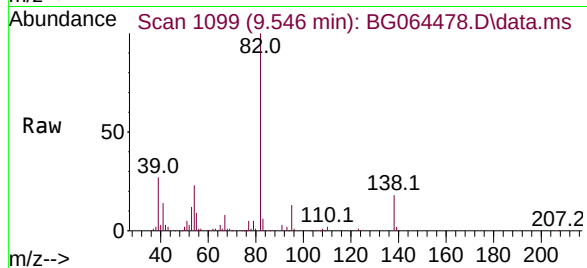
65 16.9 14.8 22.2





#25
Isophorone
Concen: 48.963 ng
RT: 9.546 min Scan# 1098
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

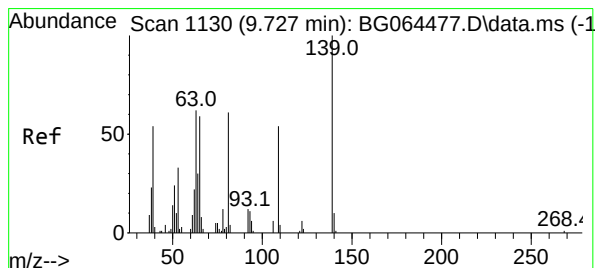
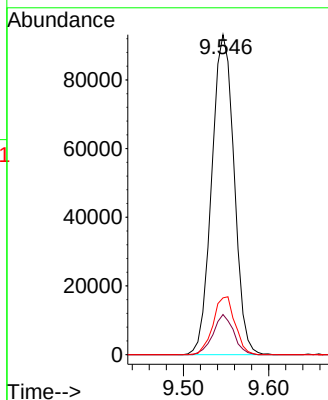
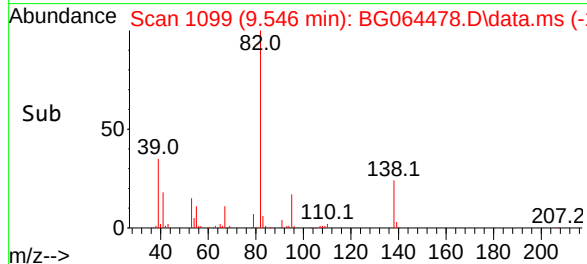
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



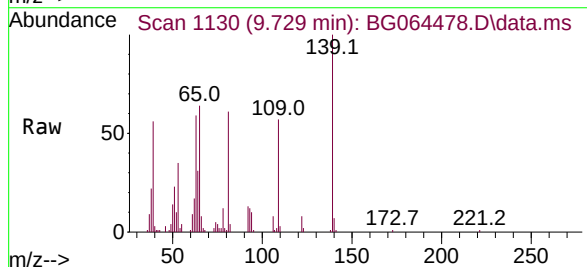
Tgt Ion: 82 Resp: 169476
Ion Ratio Lower Upper
82 100
95 12.5 7.8 11.8
138 17.7 13.8 20.6

Manual Integrations
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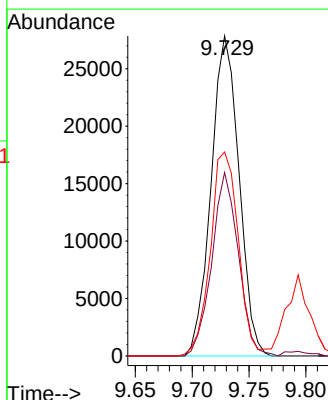
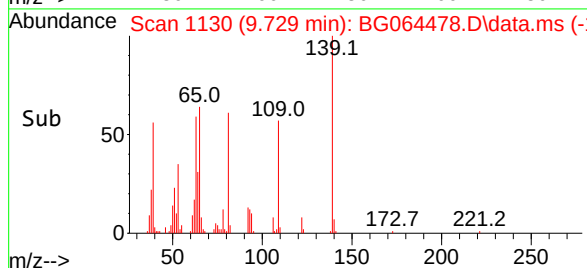
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

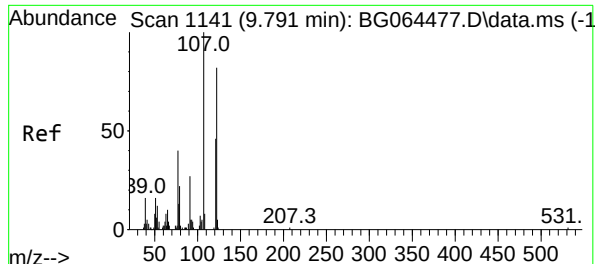


#26
2-Nitrophenol
Concen: 50.130 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



Tgt Ion:139 Resp: 47538
Ion Ratio Lower Upper
139 100
109 57.3 43.0 64.6
65 63.7 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 50.454 ng

RT: 9.793 min Scan# 1141

Delta R.T. 0.010 min

Lab File: BG064478.D

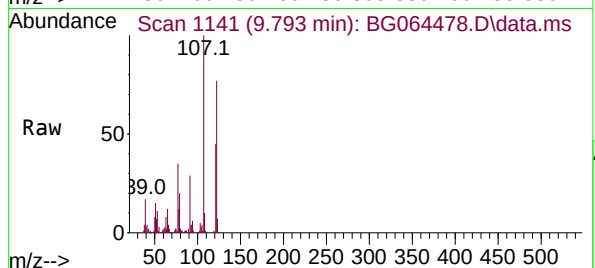
Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



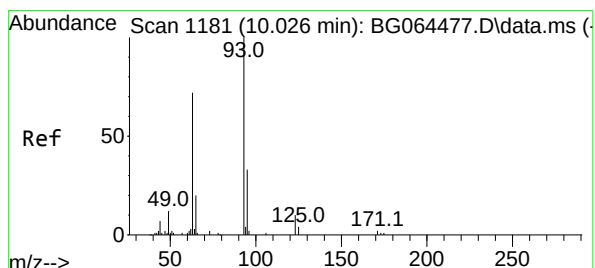
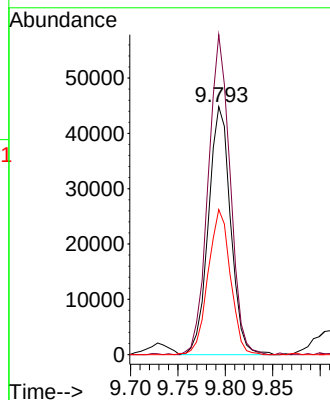
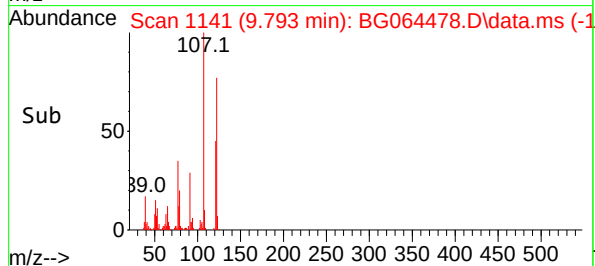
Tgt Ion:	122	Resp:	73076
Ion	Ratio	Lower	Upper
122	100		
107	129.1	98.3	147.5
121	58.5	44.7	67.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

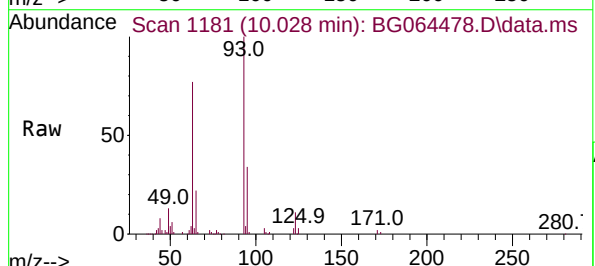
Concen: 48.931 ng

RT: 10.028 min Scan# 1181

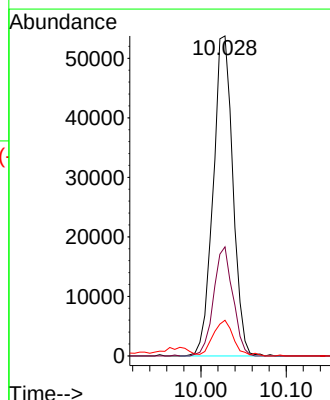
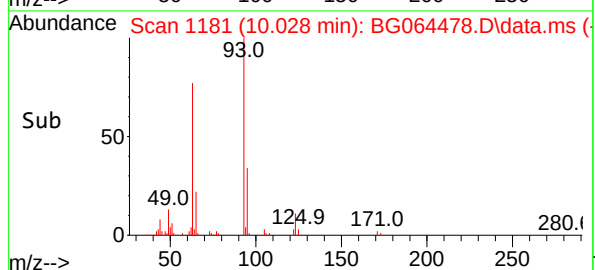
Delta R.T. 0.010 min

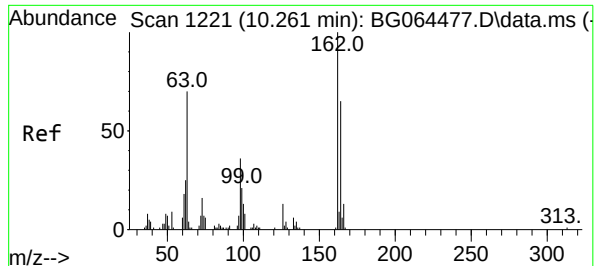
Lab File: BG064478.D

Acq: 2 Oct 2025 12:55



Tgt Ion:	93	Resp:	86333
Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	11.1	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 49.435 ng

RT: 10.263 min Scan# 1221

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

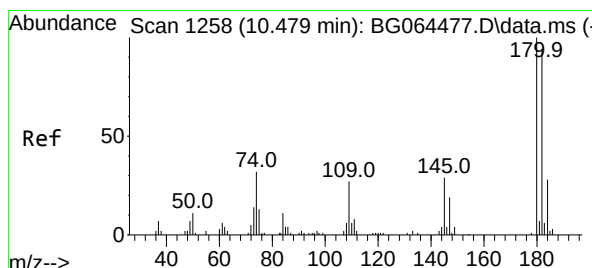
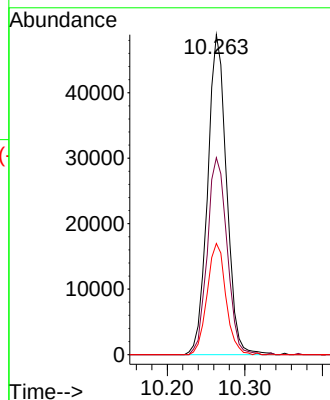
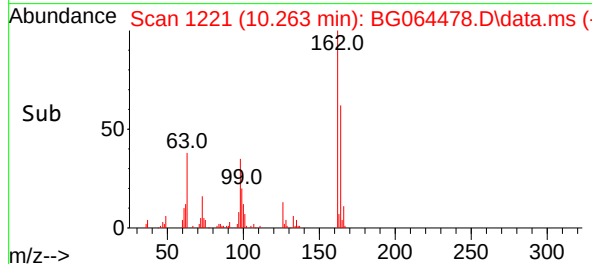
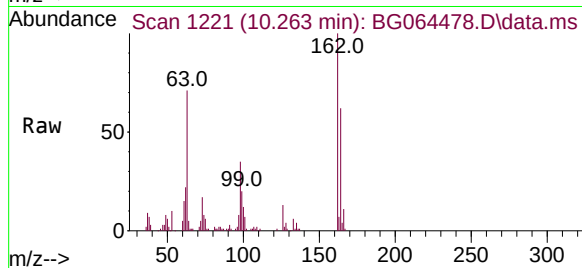
SSTDICC050

Tgt Ion:	162	Resp:	8279
Ion Ratio	Lower	Upper	
162	100		
164	61.5	45.4	85.4
98	34.7	16.4	56.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.734 ng

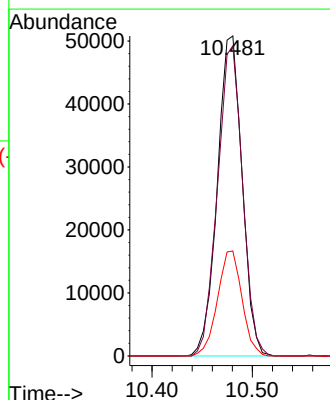
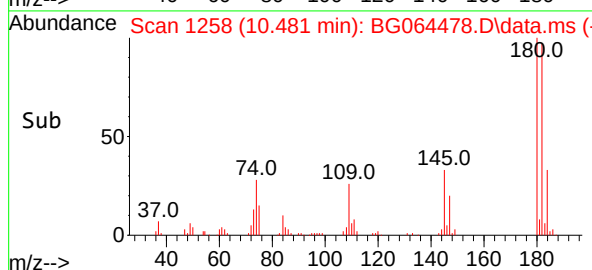
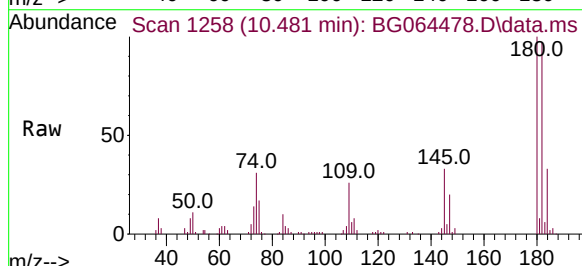
RT: 10.481 min Scan# 1258

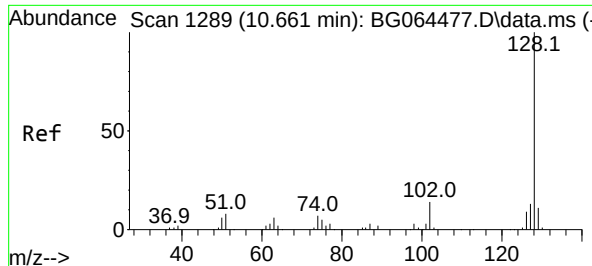
Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

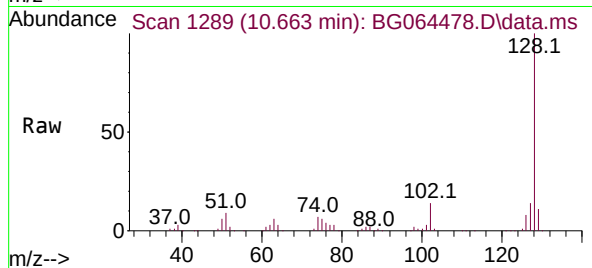
Tgt Ion:	180	Resp:	87173
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.4	113.2
145	32.8	23.2	34.8





#31
Naphthalene
Concen: 48.286 ng
RT: 10.663 min Scan# 1172
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

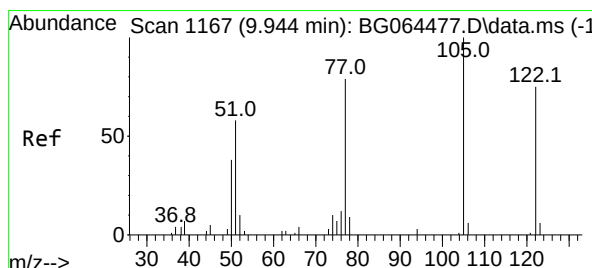
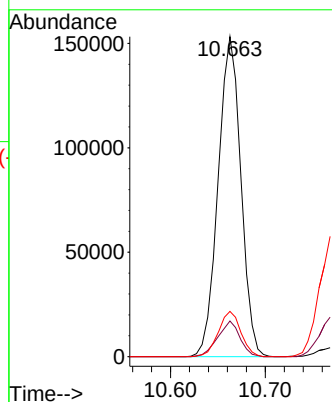
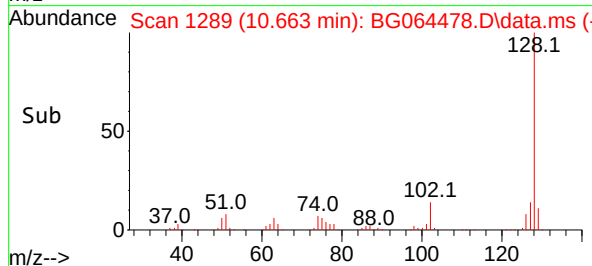
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



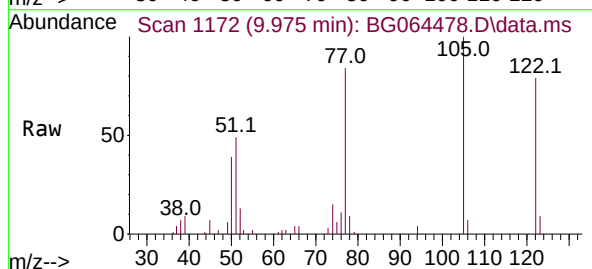
Tgt Ion:128 Resp: 25545
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.1 10.2 15.2

Manual Integrations
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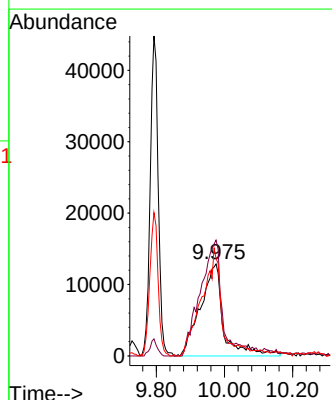
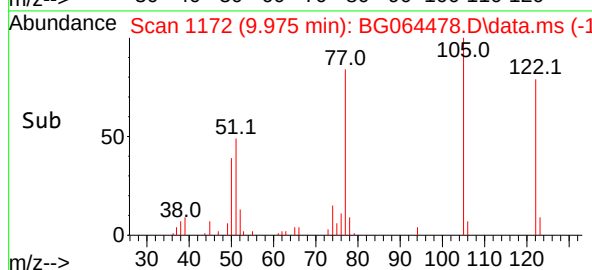
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

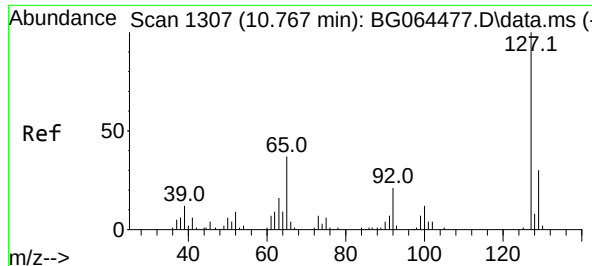


#32
Benzoic acid
Concen: 54.652 ng m
RT: 9.975 min Scan# 1172
Delta R.T. 0.087 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



Tgt Ion:122 Resp: 60774
Ion Ratio Lower Upper
122 100
105 125.9 113.9 153.9
77 105.8 86.1 126.1





#33

4-Chloroaniline

Concen: 49.113 ng

RT: 10.768 min Scan# 1307

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 99704

Ion Ratio Lower Upper

127 100

129 32.8 24.2 36.4

65 37.8 29.6 44.4

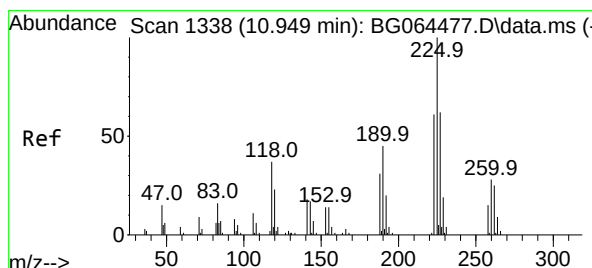
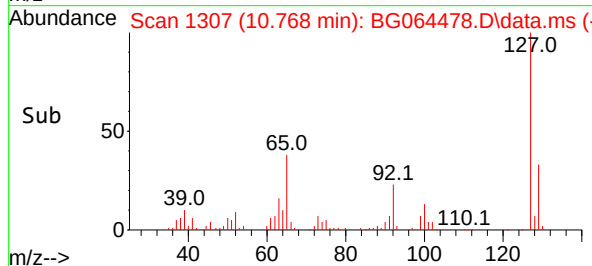
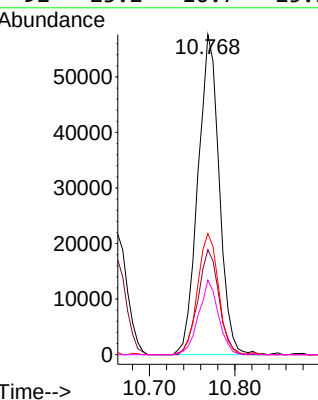
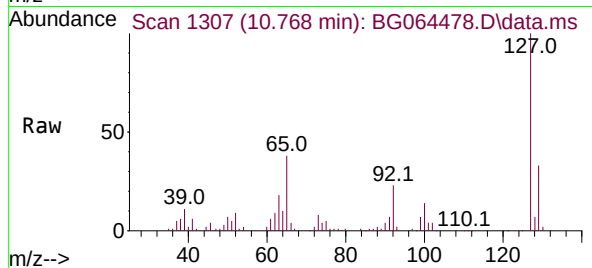
92 23.2 16.7 25.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#34

Hexachlorobutadiene

Concen: 48.646 ng

RT: 10.951 min Scan# 1338

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

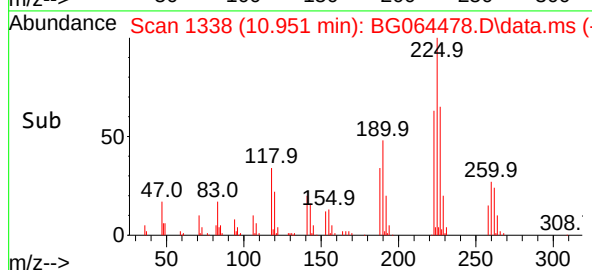
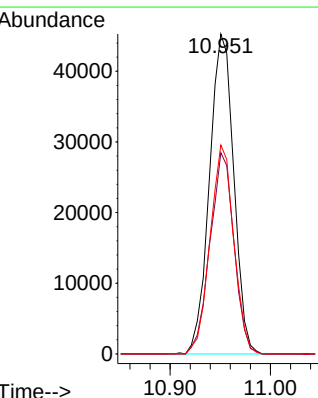
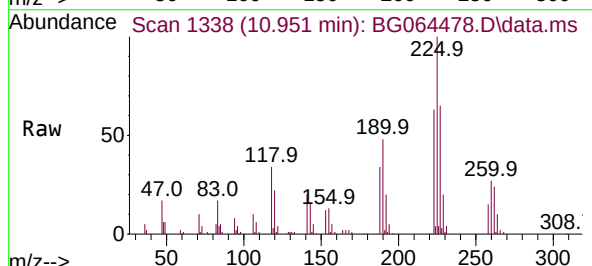
Tgt Ion:225 Resp: 76081

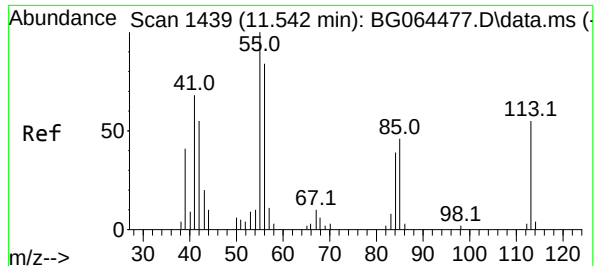
Ion Ratio Lower Upper

225 100

223 62.9 49.0 73.6

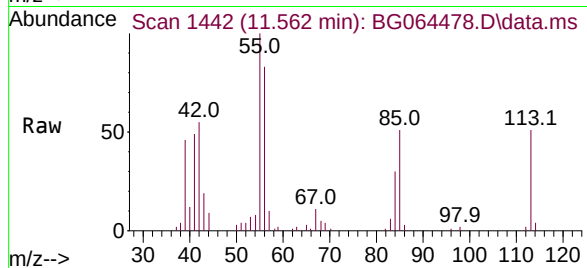
227 65.3 49.9 74.9





#35
Caprolactam
Concen: 49.561 ng
RT: 11.562 min Scan# 1439
Delta R.T. 0.051 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

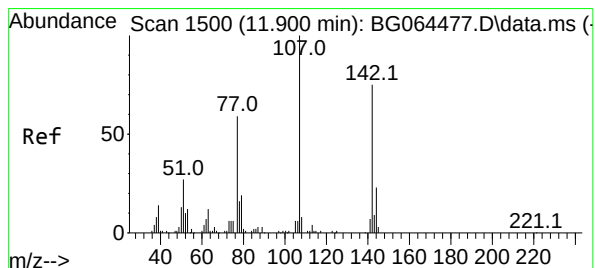
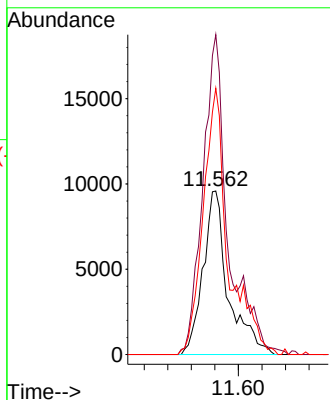
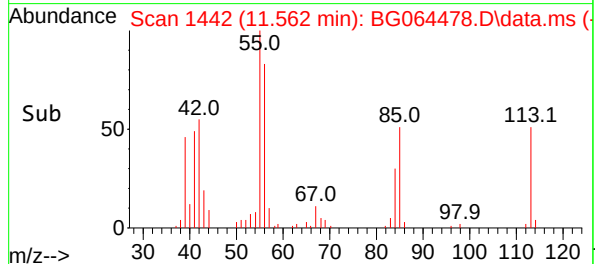
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



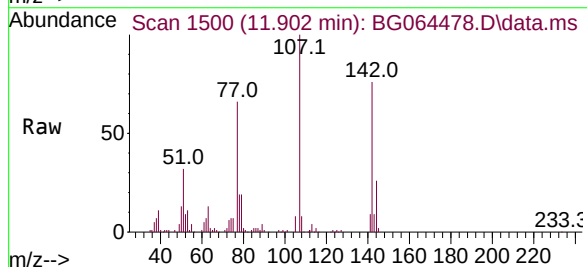
Tgt Ion:113 Resp: 2841
Ion Ratio Lower Upper
113 100
55 195.6 162.0 202.0
56 162.8 134.6 174.6

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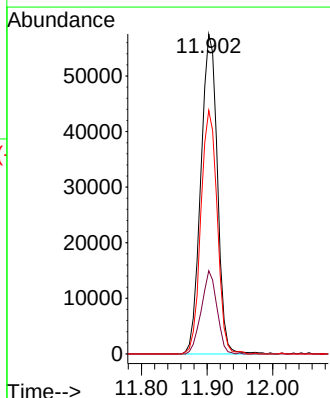
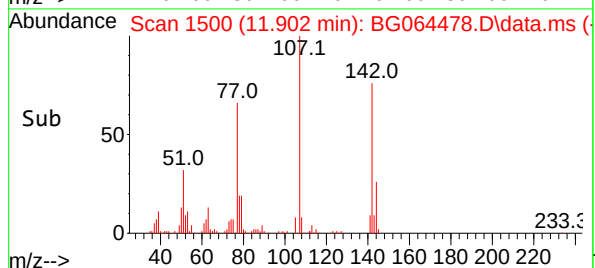
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

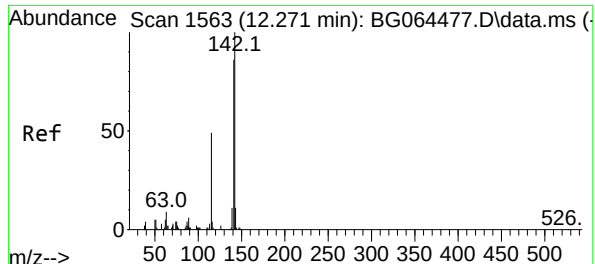


#36
4-Chloro-3-methylphenol
Concen: 49.208 ng
RT: 11.902 min Scan# 1500
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



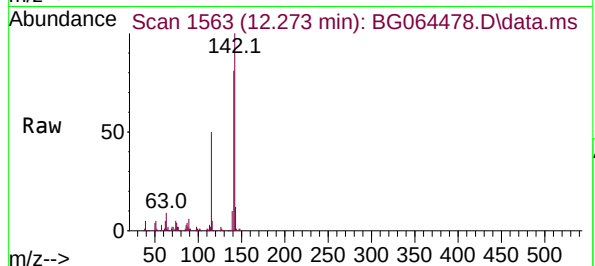
Tgt Ion:107 Resp: 100226
Ion Ratio Lower Upper
107 100
144 26.0 18.7 28.1
142 76.1 60.2 90.2





#37
2-Methylnaphthalene
Concen: 49.224 ng
RT: 12.273 min Scan# 1563
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

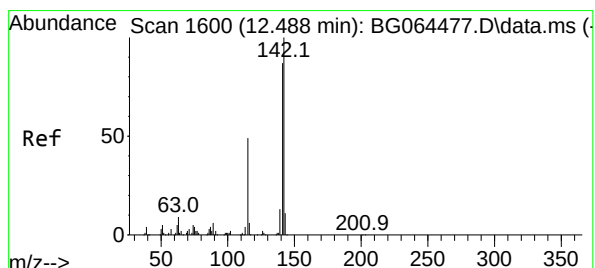
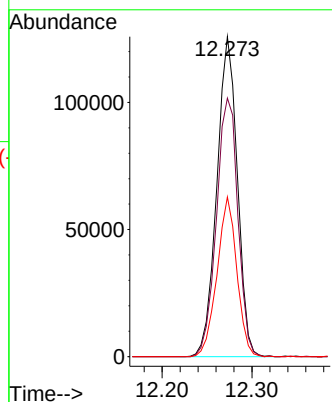
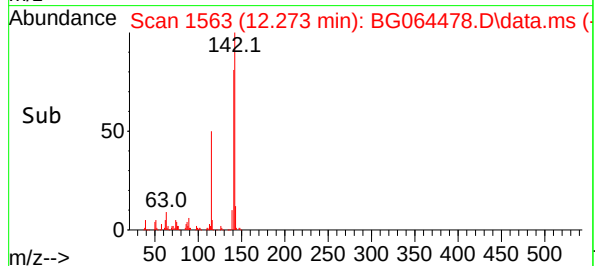
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 199899
Ion Ratio Lower Upper
142 100
141 80.8 68.7 103.1
115 49.9 39.3 58.9

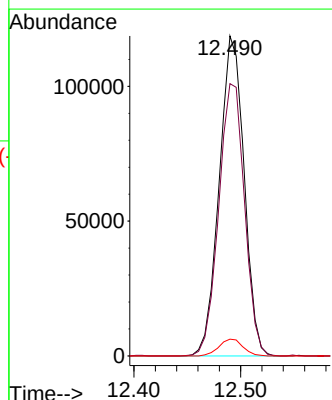
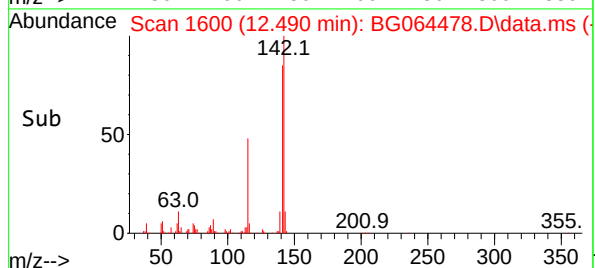
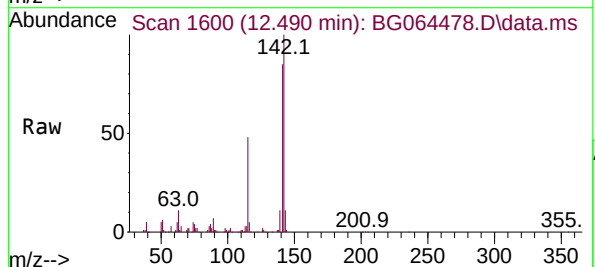
Manual Integrations
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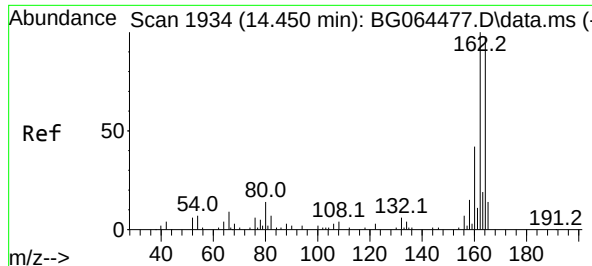
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 47.567 ng
RT: 12.490 min Scan# 1600
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:142 Resp: 192614
Ion Ratio Lower Upper
142 100
141 85.1 69.8 104.8
116 5.2 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.452 min Scan# 1934

Delta R.T. 0.004 min

Lab File: BG064478.D

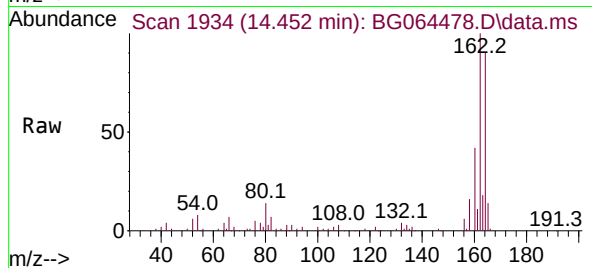
Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 77950

Ion Ratio Lower Upper

164 100

162 111.6 82.2 123.2

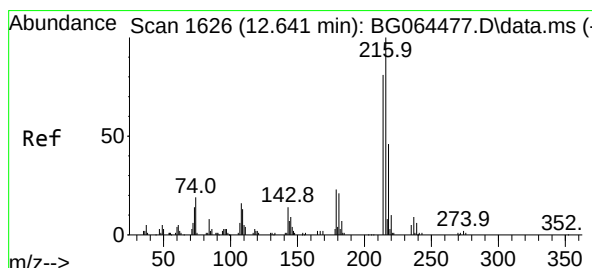
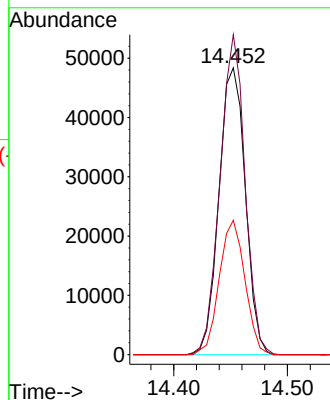
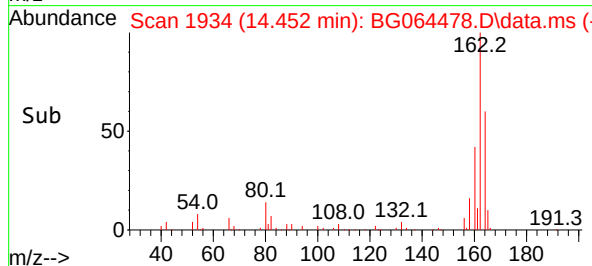
160 46.9 34.3 51.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.525 ng

RT: 12.643 min Scan# 1626

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Tgt Ion:216 Resp: 124648

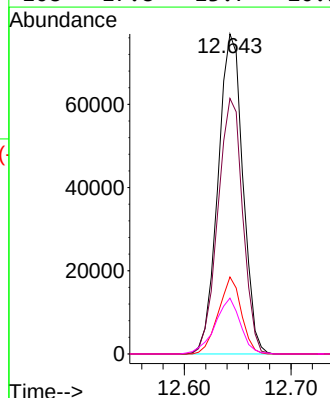
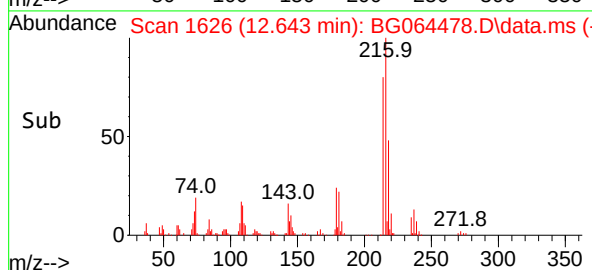
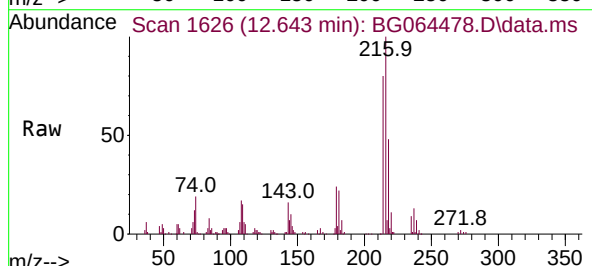
Ion Ratio Lower Upper

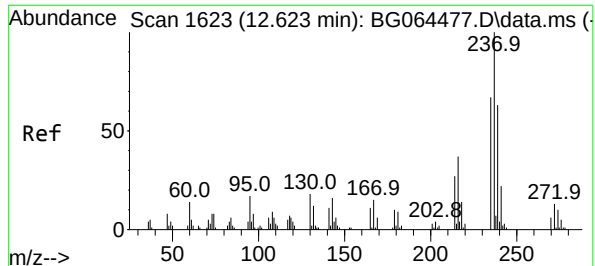
216 100

214 80.0 62.5 93.7

179 22.2 17.0 25.6

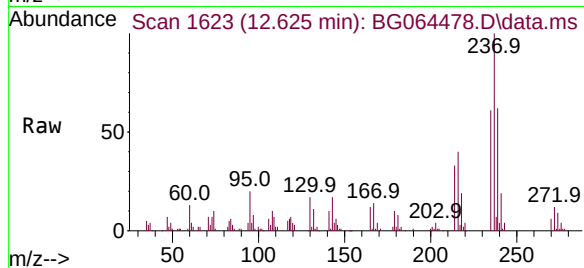
108 17.8 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 52.692 ng
RT: 12.625 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

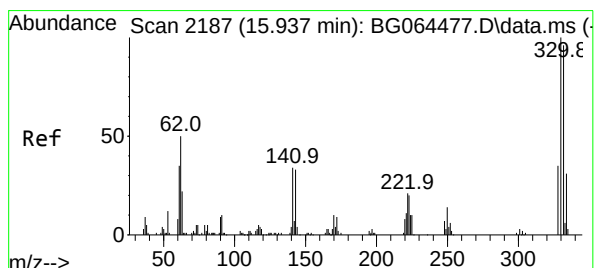
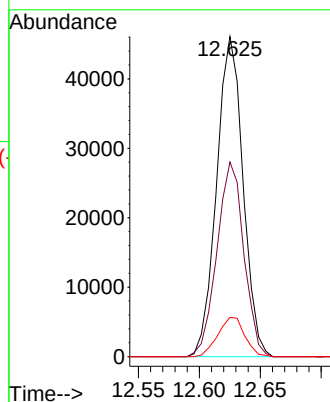
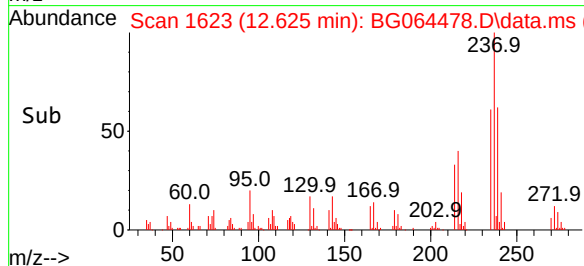
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



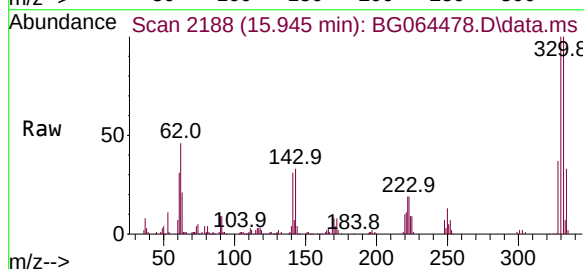
Tgt Ion:237 Resp: 69372
Ion Ratio Lower Upper
237 100
235 60.8 46.9 86.9
272 12.3 0.0 32.6

Manual Integrations
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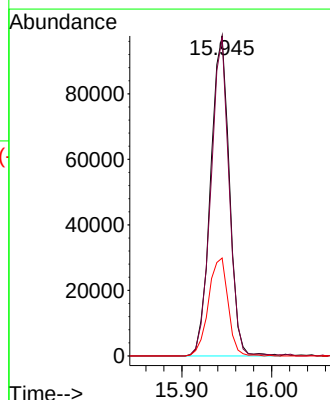
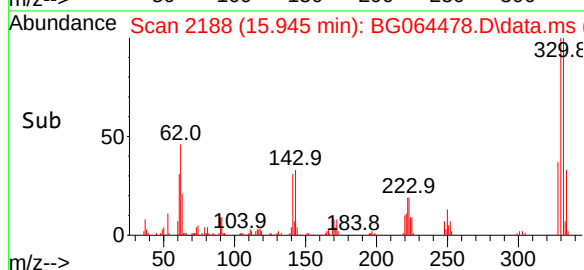
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

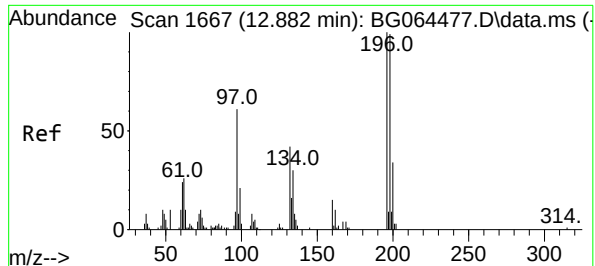


#42
2,4,6-Tribromophenol
Concen: 100.345 ng
RT: 15.945 min Scan# 2188
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



Tgt Ion:330 Resp: 141783
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 31.9 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 50.434 ng

RT: 12.884 min Scan# 1667

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

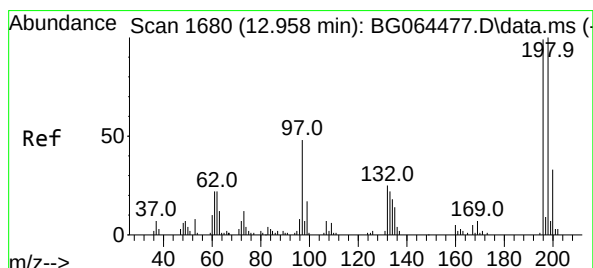
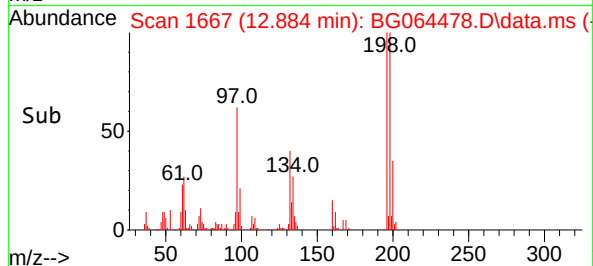
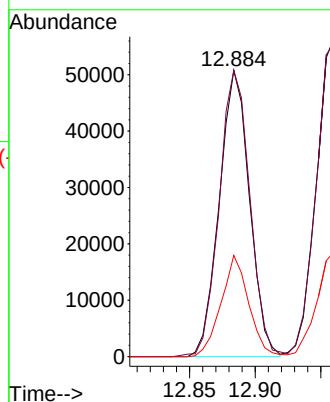
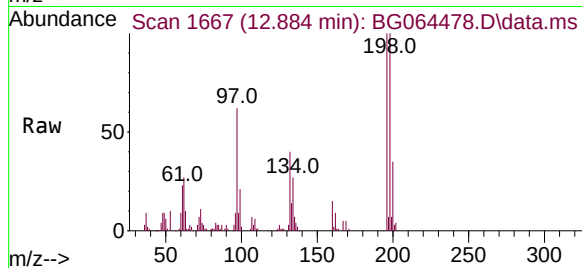
Tgt Ion:196	Resp:	81144
Ion Ratio	Lower	Upper
196	100	
198	100.0	79.3 118.9
200	35.4	27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 50.396 ng

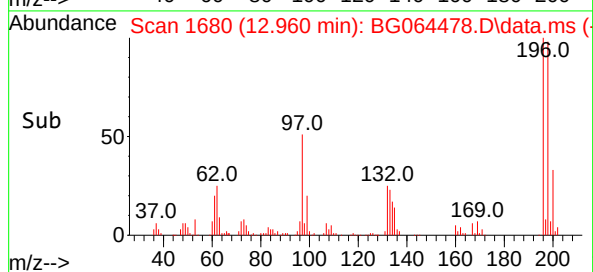
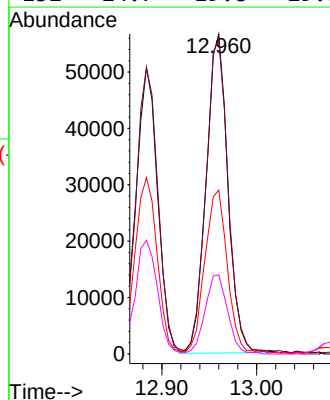
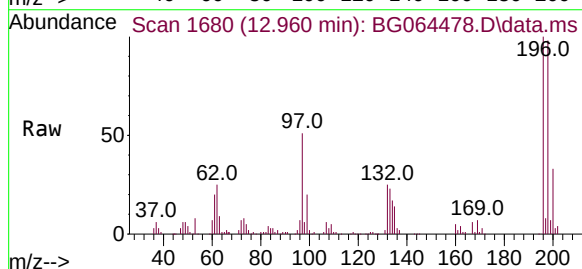
RT: 12.960 min Scan# 1680

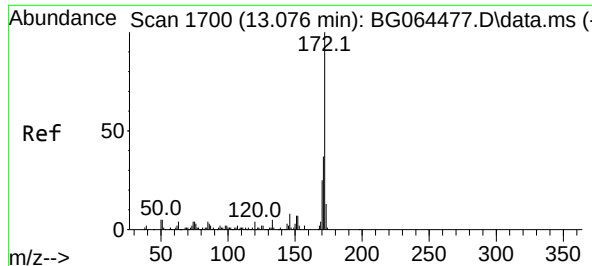
Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Tgt Ion:196	Resp:	90524
Ion Ratio	Lower	Upper
196	100	
198	98.0	80.3 120.5
97	51.2	39.4 59.0
132	24.7	19.8 29.8





#45

2-Fluorobiphenyl

Concen: 97.676 ng

RT: 13.078 min Scan# 1700

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 516540

Ion Ratio Lower Upper

172 100

171 37.5 29.6 44.4

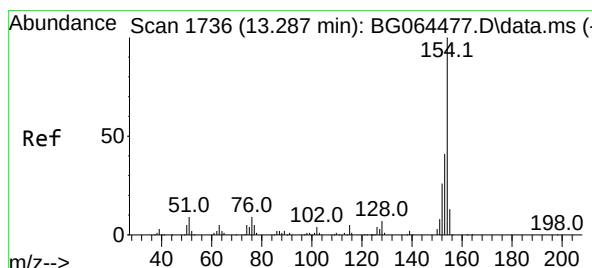
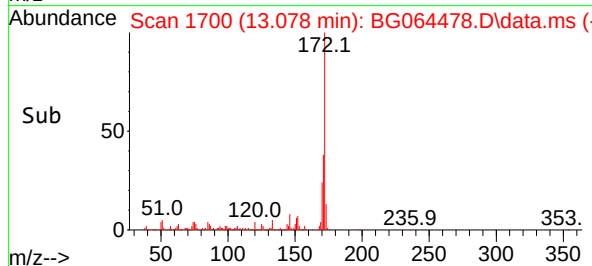
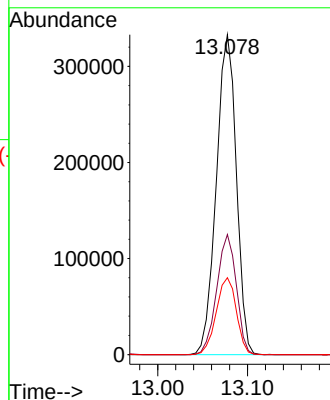
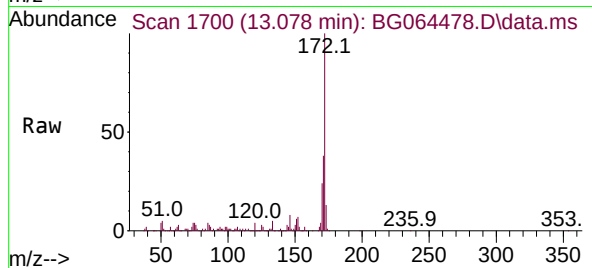
170 24.0 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#46

1,1'-Biphenyl

Concen: 49.860 ng

RT: 13.289 min Scan# 1736

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

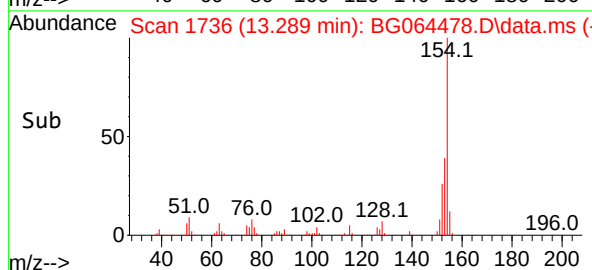
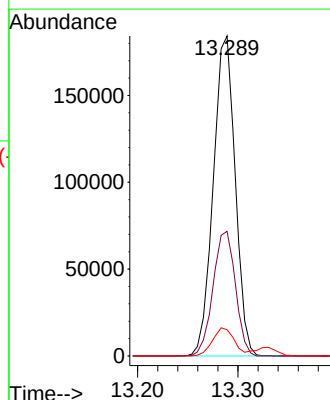
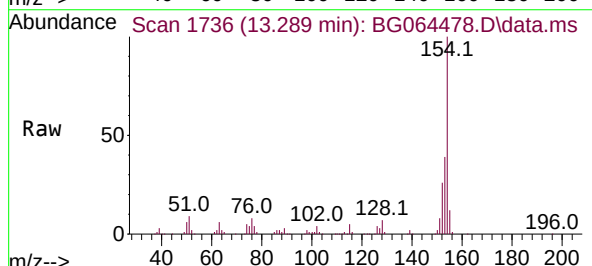
Tgt Ion:154 Resp: 279537

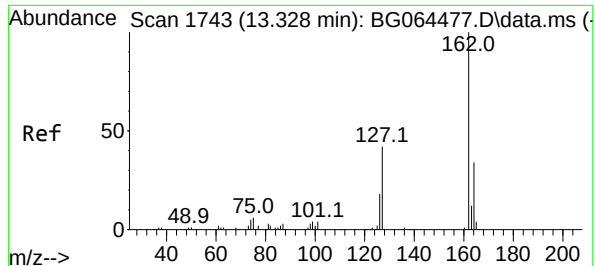
Ion Ratio Lower Upper

154 100

153 38.9 20.7 60.7

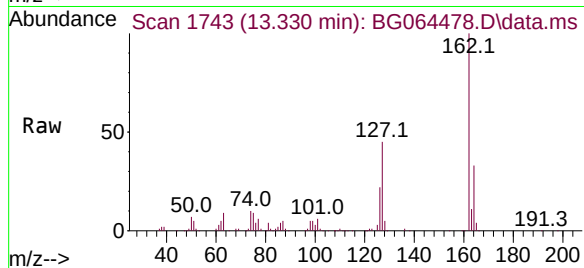
76 8.2 0.0 29.3





#47
2-Chloronaphthalene
Concen: 49.166 ng
RT: 13.330 min Scan# 1743
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

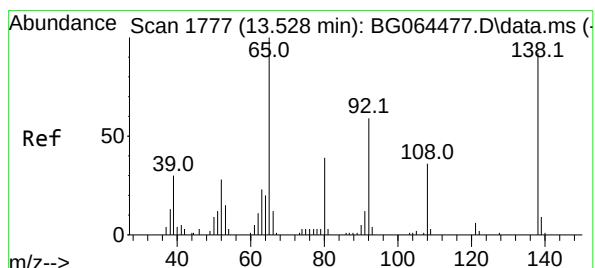
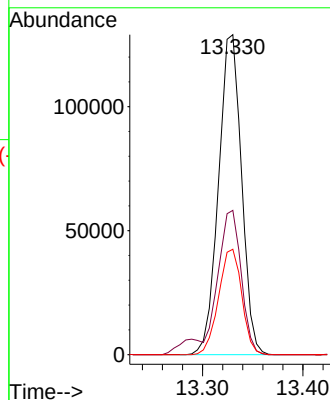
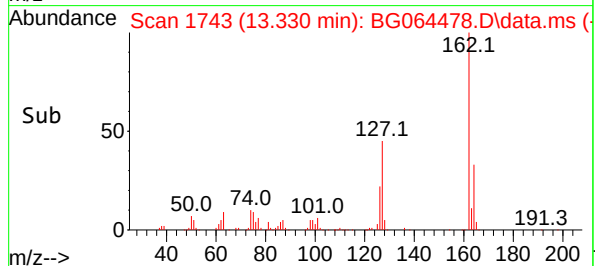
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 205802
Ion Ratio Lower Upper
162 100
127 45.1 35.8 53.8
164 32.9 27.2 40.8

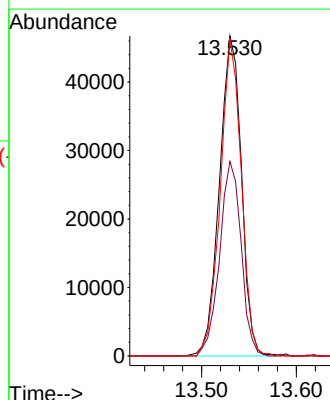
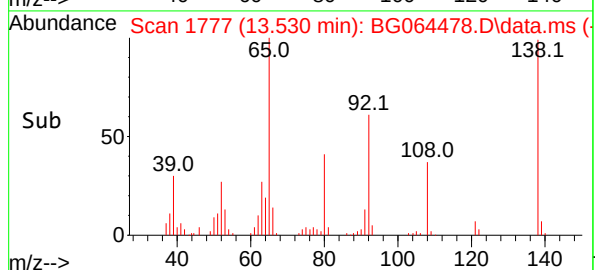
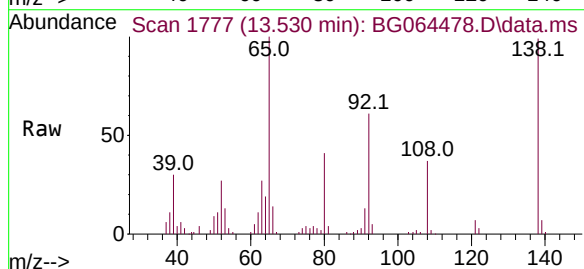
Manual Integrations
APPROVED

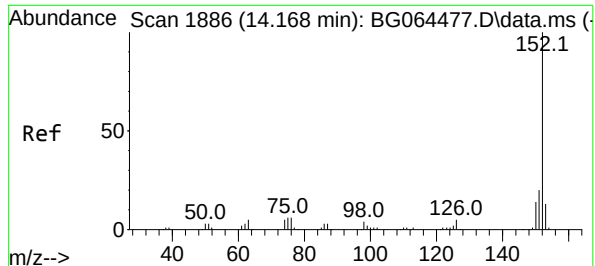
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 52.594 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion: 65 Resp: 75138
Ion Ratio Lower Upper
65 100
92 60.8 47.0 70.6
138 98.9 73.5 110.3





#49

Acenaphthylene

Concen: 49.365 ng

RT: 14.170 min Scan# 1886

Delta R.T. -0.002 min

Lab File: BG064478.D

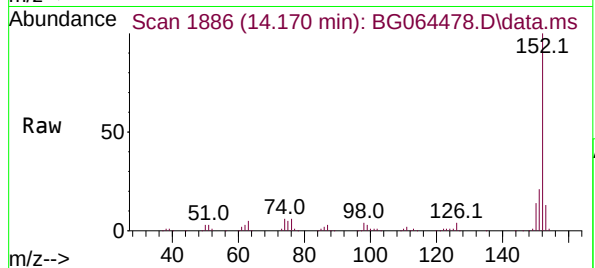
Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



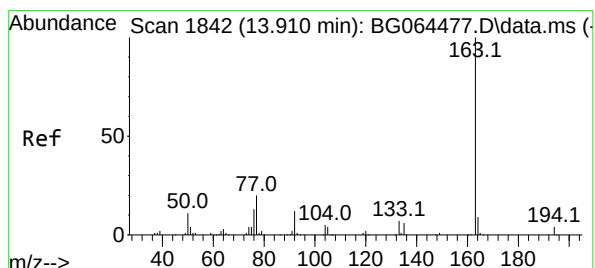
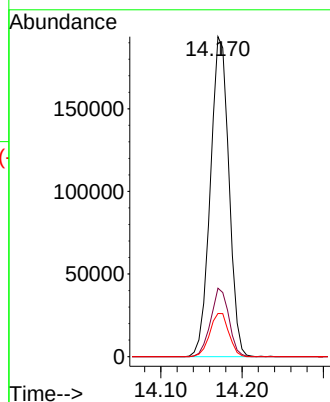
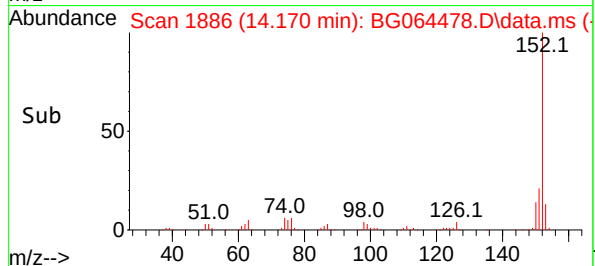
Tgt Ion:	152	Resp:	306740
Ion Ratio	Lower	Upper	
152	100		
151	21.4	15.8	23.6
153	13.5	10.6	15.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

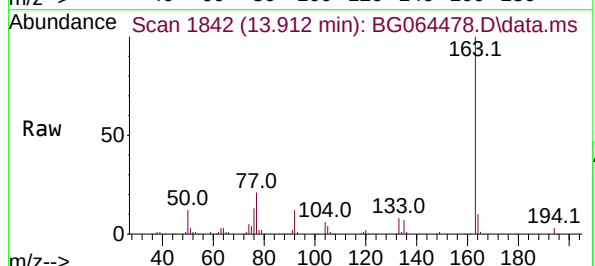
Concen: 48.884 ng

RT: 13.912 min Scan# 1842

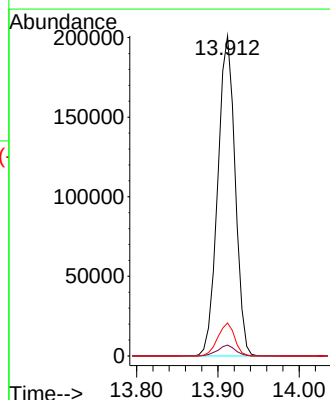
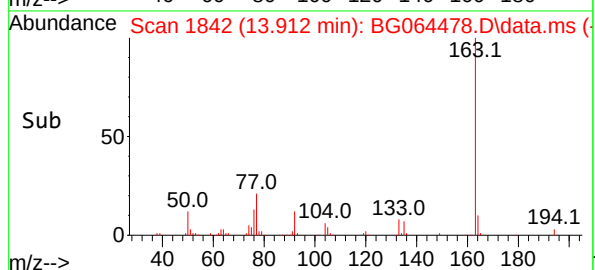
Delta R.T. 0.010 min

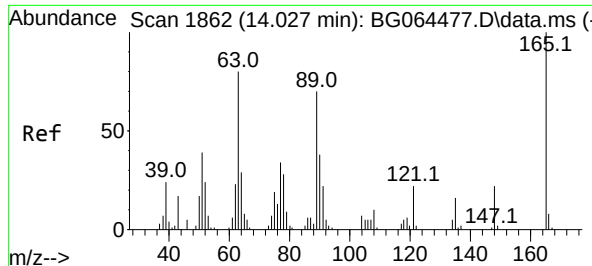
Lab File: BG064478.D

Acq: 2 Oct 2025 12:55



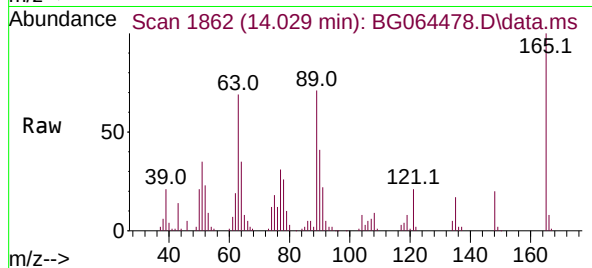
Tgt Ion:	163	Resp:	298441
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.9	4.3
164	10.3	7.4	11.0





#51
2,6-Dinitrotoluene
Concen: 51.087 ng
RT: 14.029 min Scan# 1862
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

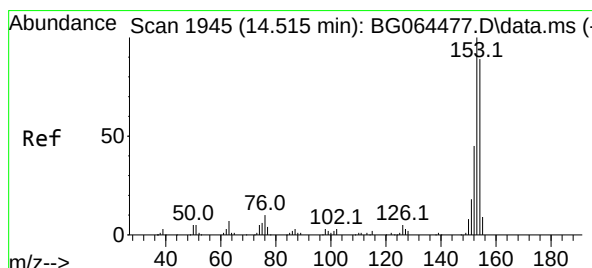
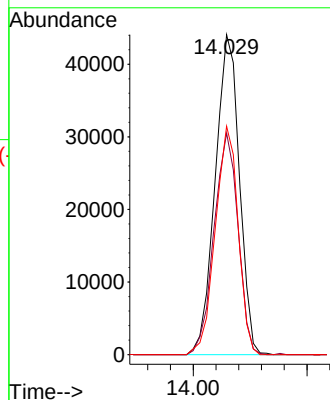
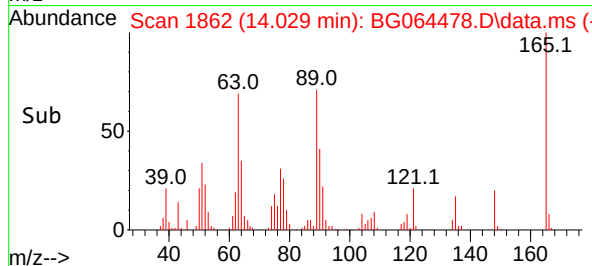
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 64970
Ion Ratio Lower Upper
165 100
63 69.2 63.9 95.9
89 71.4 56.1 84.1

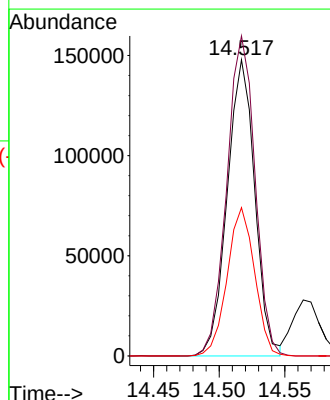
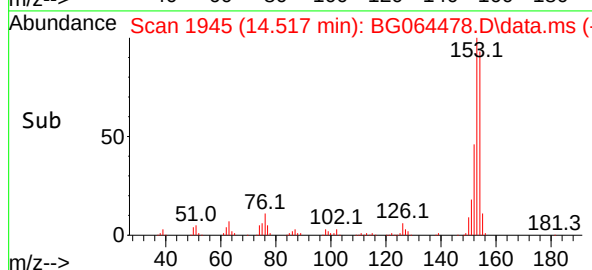
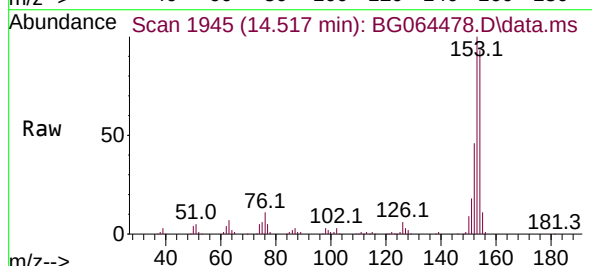
Manual Integrations
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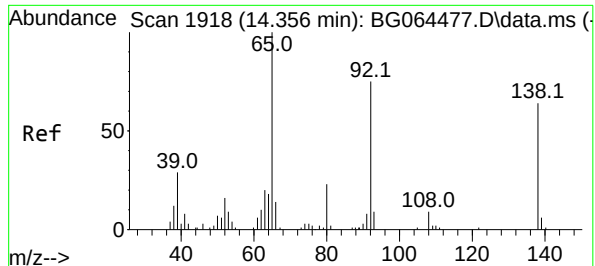
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 49.943 ng
RT: 14.517 min Scan# 1945
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

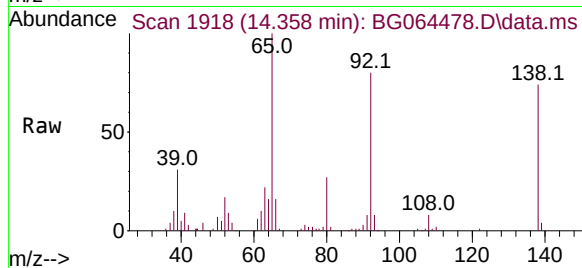
Tgt Ion:154 Resp: 215606
Ion Ratio Lower Upper
154 100
153 108.1 90.2 135.4
152 50.1 40.2 60.4





#53
3-Nitroaniline
Concen: 52.305 ng
RT: 14.358 min Scan# 1918
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

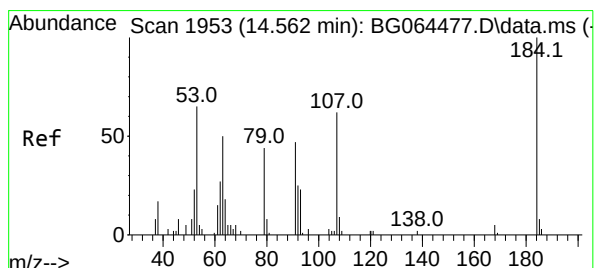
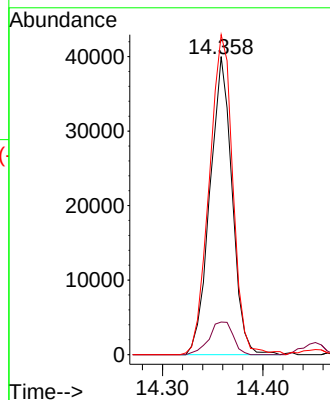
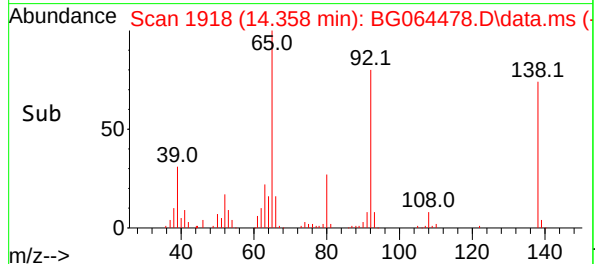
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



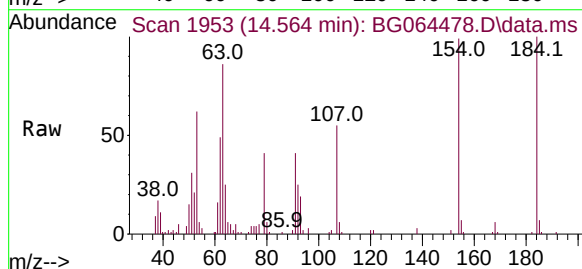
Tgt Ion:138 Resp: 6134
Ion Ratio Lower Upper
138 100
108 10.9 10.6 15.8
92 107.4 93.2 139.8

Manual Integrations
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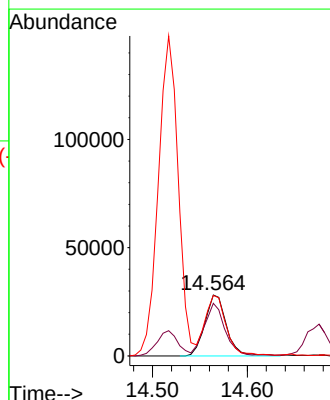
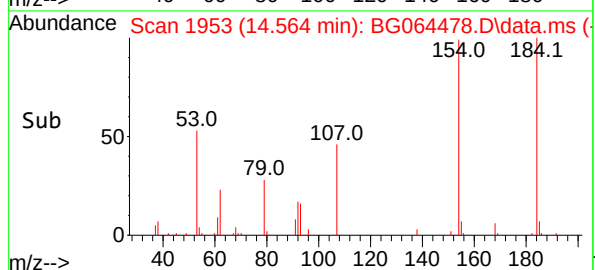
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

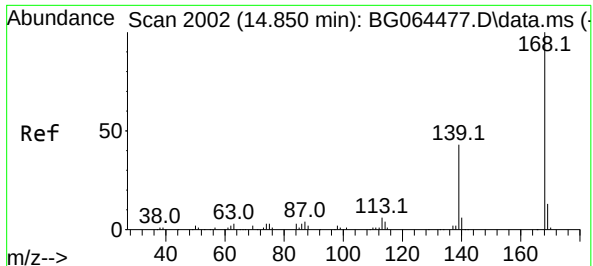


#54
2,4-Dinitrophenol
Concen: 48.222 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



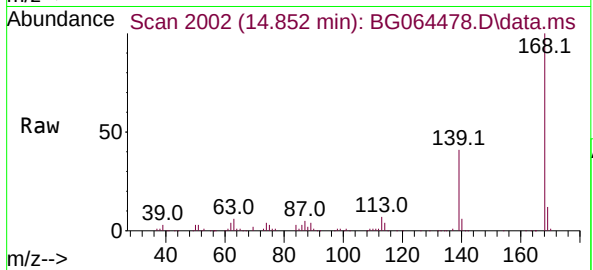
Tgt Ion:184 Resp: 44469
Ion Ratio Lower Upper
184 100
63 86.4 69.0 103.4
154 99.3 95.6 143.4





#55
Dibenzenofuran
Concen: 49.793 ng
RT: 14.852 min Scan# 2002
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

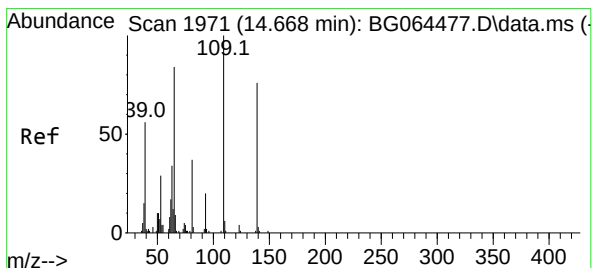
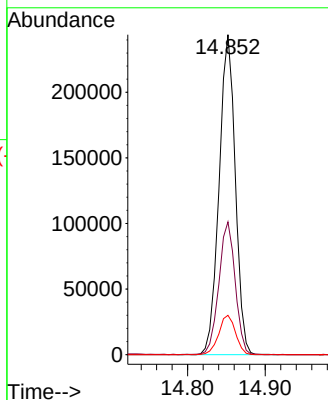
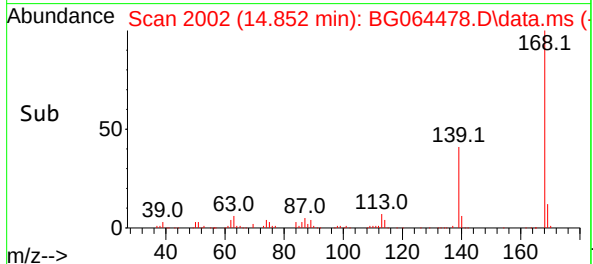
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



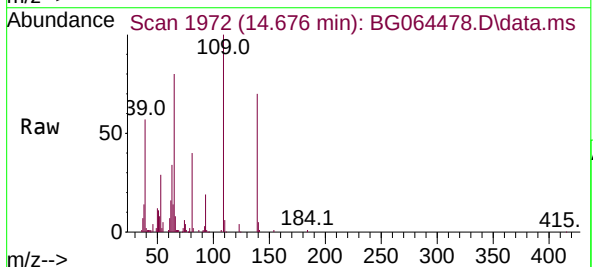
Tgt Ion:168 Resp: 354924
Ion Ratio Lower Upper
168 100
139 41.5 34.0 51.0
169 12.3 10.2 15.2

Manual Integrations
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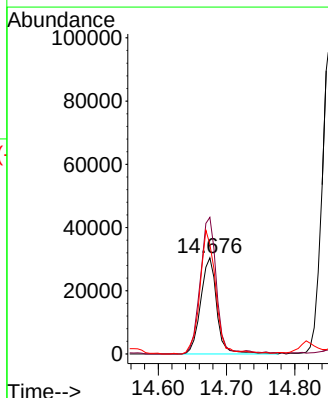
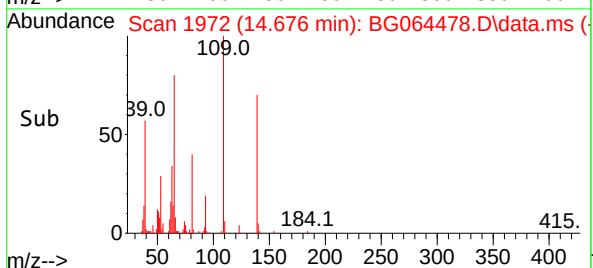
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

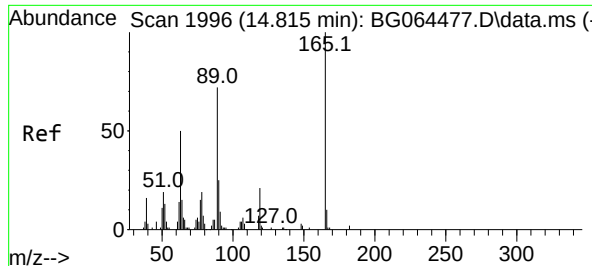


#56
4-Nitrophenol
Concen: 54.092 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



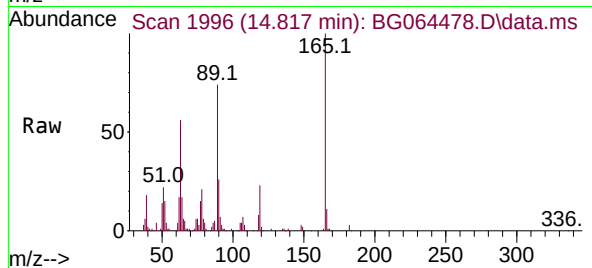
Tgt Ion:139 Resp: 49950
Ion Ratio Lower Upper
139 100
109 142.0 111.8 151.8
65 113.8 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 51.401 ng
RT: 14.817 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

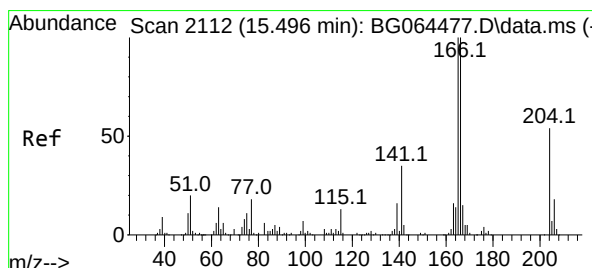
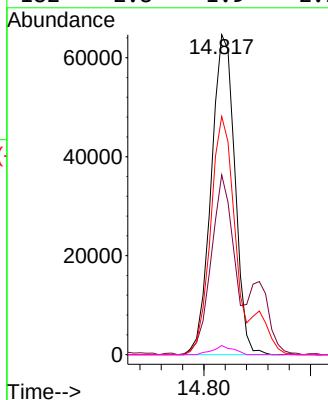
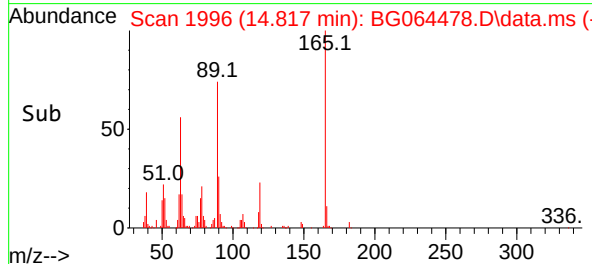
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



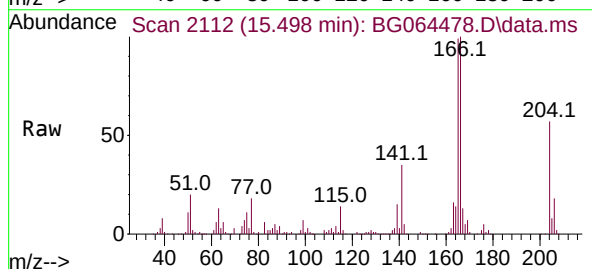
Tgt Ion:165 Resp: 99930
Ion Ratio Lower Upper
165 100
63 56.2 40.4 60.6
89 74.4 57.3 85.9
182 2.8 1.9 2.9

Manual Integrations
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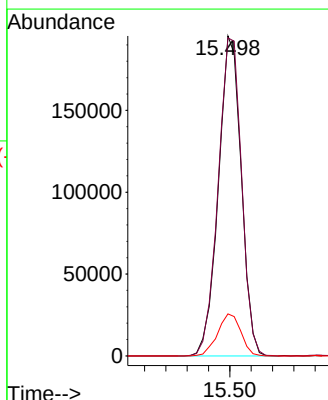
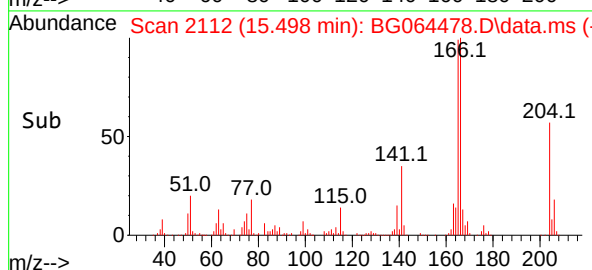
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

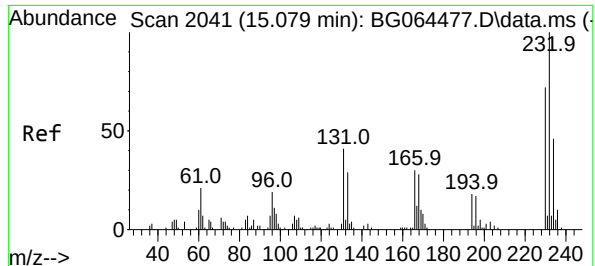


#58
Fluorene
Concen: 48.945 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



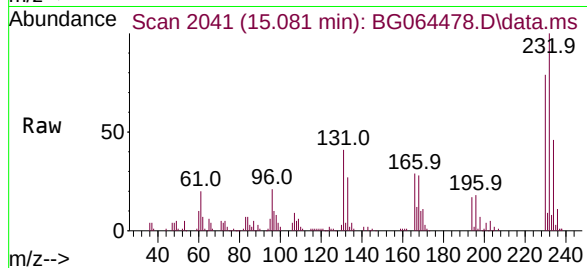
Tgt Ion:166 Resp: 290041
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.6
167 13.2 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.511 ng
RT: 15.081 min Scan# 2041
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

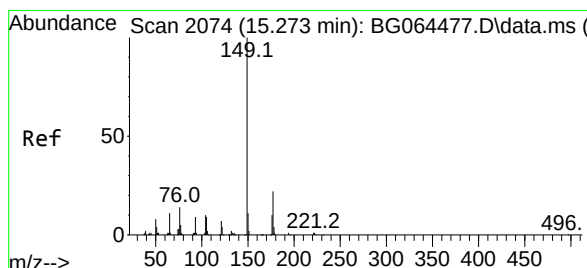
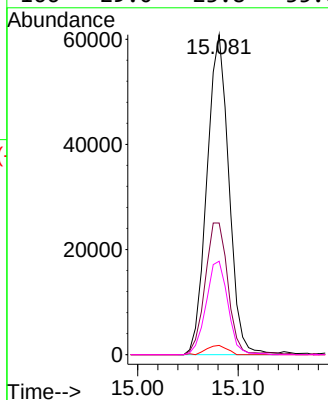
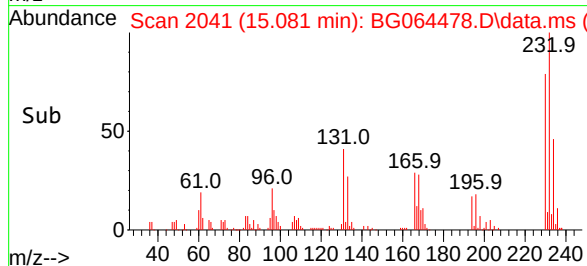
Instrument :
BNA_G
Client Sample Id :
SSTDICC050



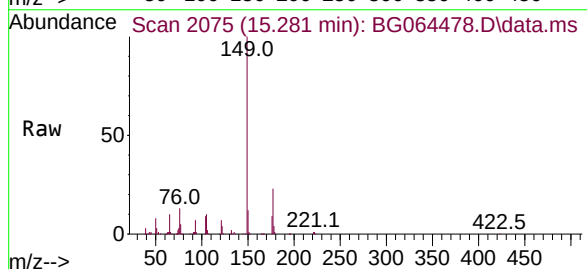
Tgt Ion: 232 Resp: 92595
Ion Ratio Lower Upper
232 100
131 42.5 35.0 52.4
130 2.7 2.0 3.0
166 29.0 23.8 35.6

Manual Integrations
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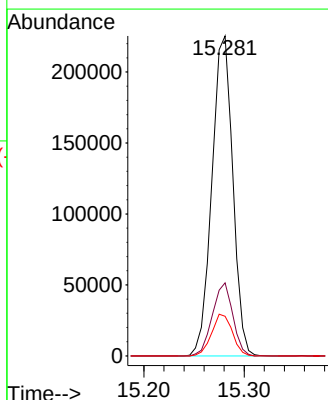
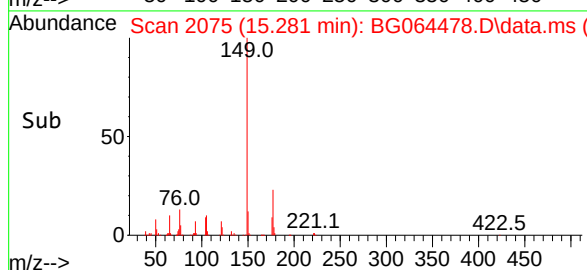
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

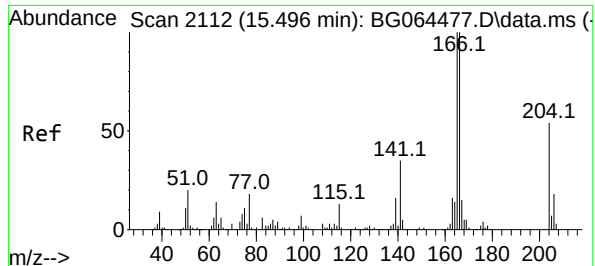


#60
Diethylphthalate
Concen: 49.833 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



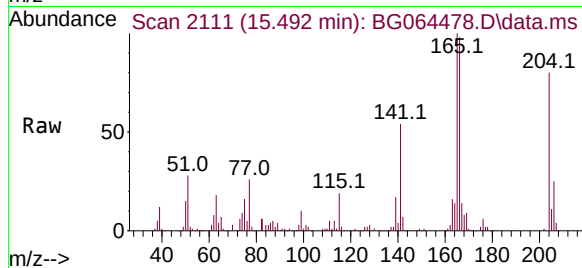
Tgt Ion: 149 Resp: 326367
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.0
150 12.4 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 49.191 ng
RT: 15.492 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

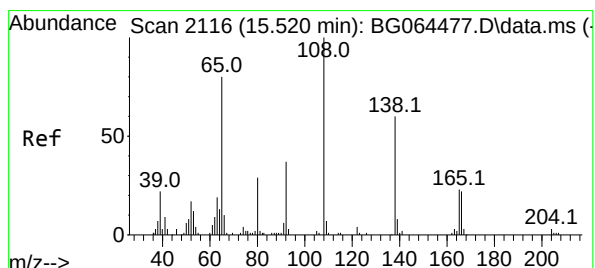
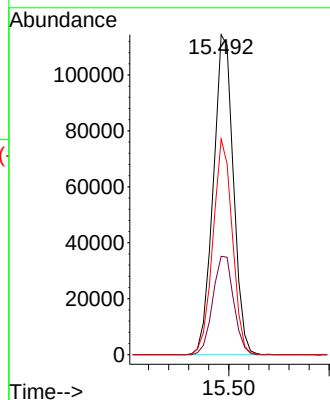
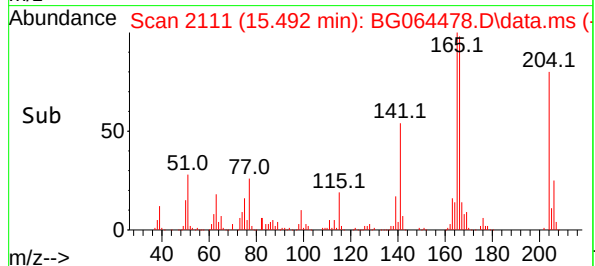
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 15914
Ion Ratio Lower Upper
204 100
206 30.7 27.1 40.7
141 67.4 51.5 77.3

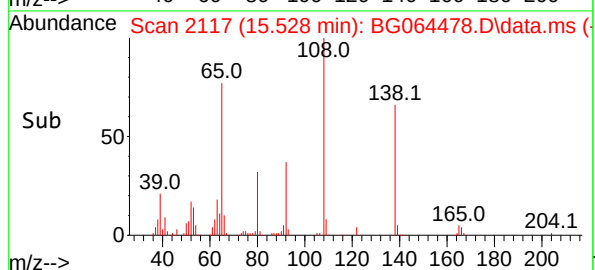
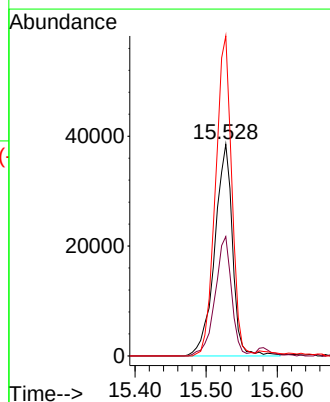
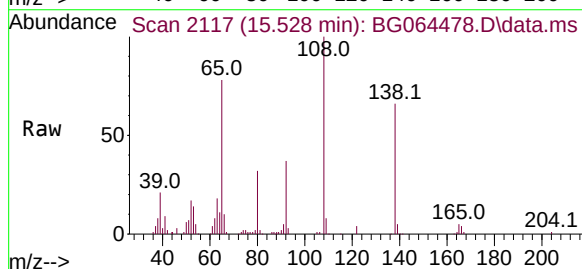
Manual Integrations
APPROVED

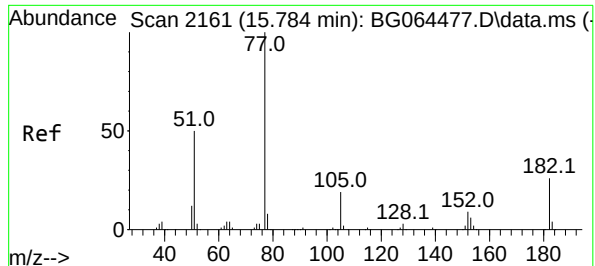
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 55.050 ng
RT: 15.528 min Scan# 2117
Delta R.T. 0.016 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

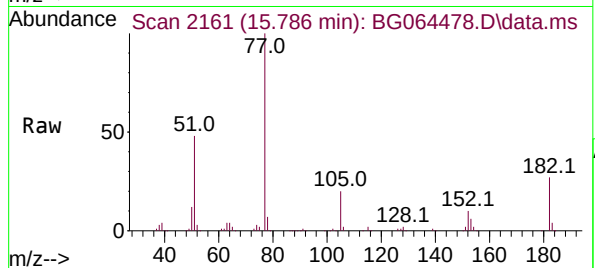
Tgt Ion:138 Resp: 67296
Ion Ratio Lower Upper
138 100
92 56.4 42.3 82.3
108 151.2 147.7 187.7





#63
Azobenzene
Concen: 49.764 ng
RT: 15.786 min Scan# 2161
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

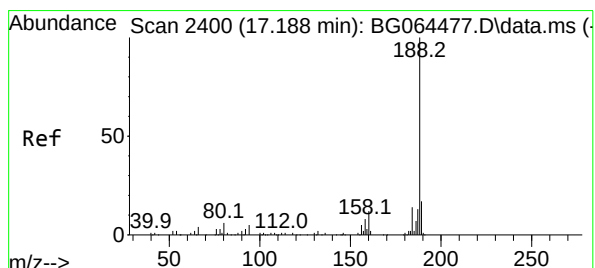
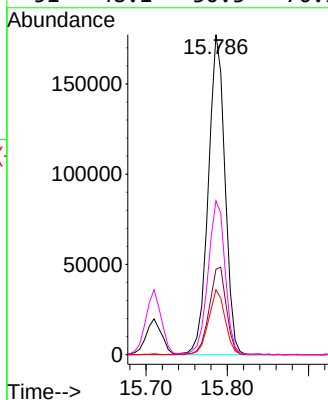
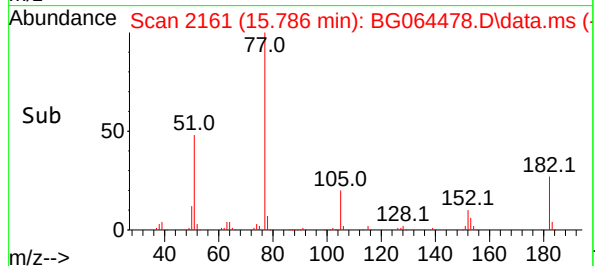
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 252408
Ion Ratio Lower Upper
77 100
182 26.7 6.3 46.3
105 20.3 0.0 38.7
51 48.1 30.3 70.3

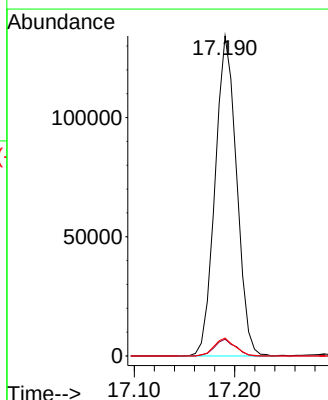
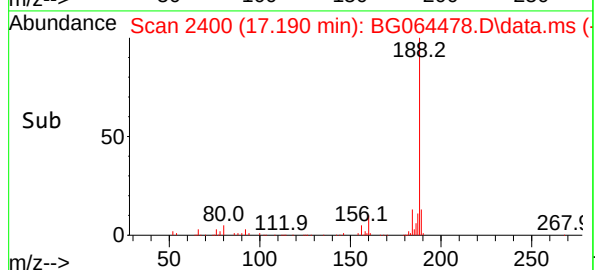
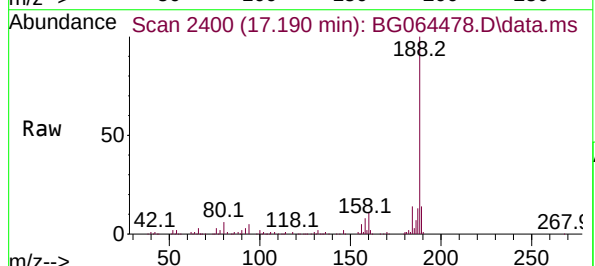
Manual Integrations
APPROVED

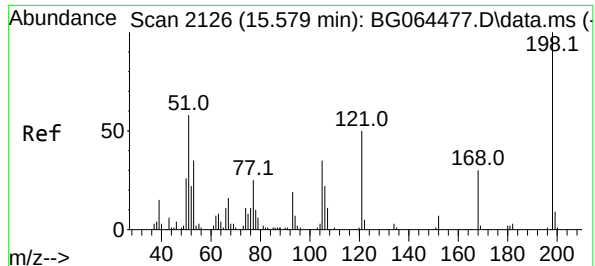
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

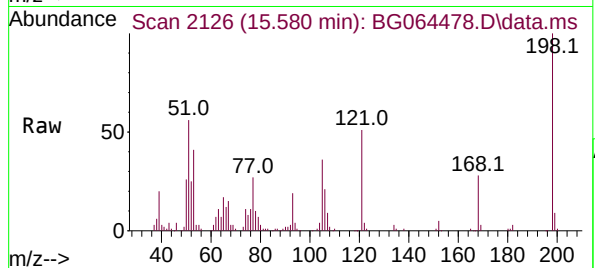
Tgt Ion:188 Resp: 200361
Ion Ratio Lower Upper
188 100
94 5.2 3.7 5.5
80 5.6 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 49.467 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

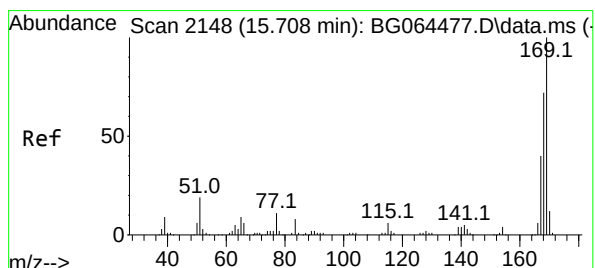
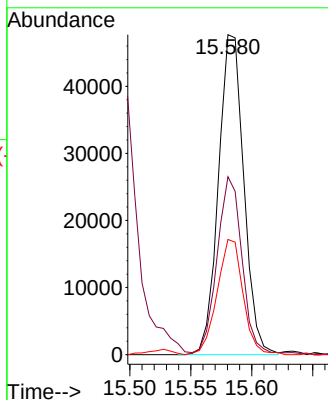
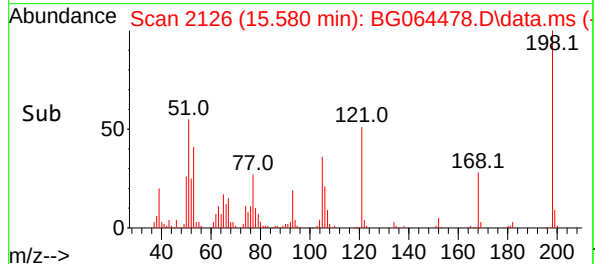
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



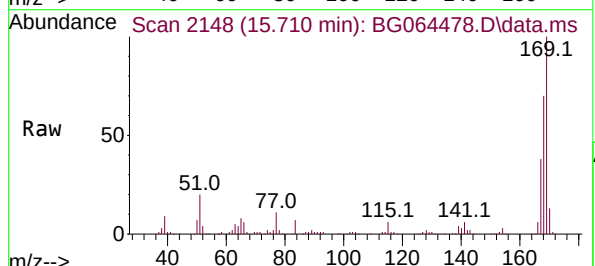
Tgt Ion:198 Resp: 69009
Ion Ratio Lower Upper
198 100
51 55.6 39.0 79.0
105 36.0 15.8 55.8

Manual Integrations
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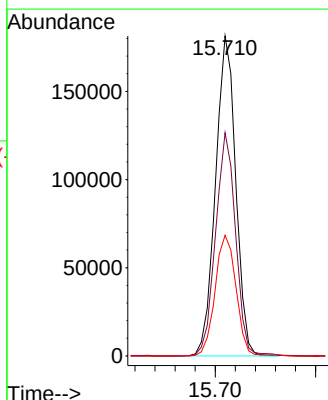
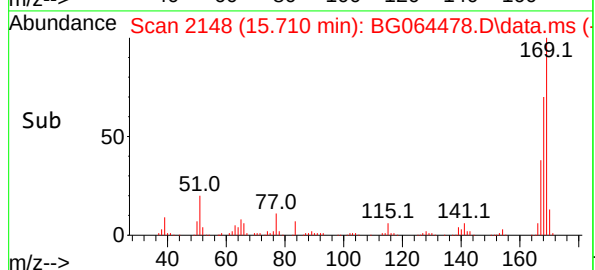
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

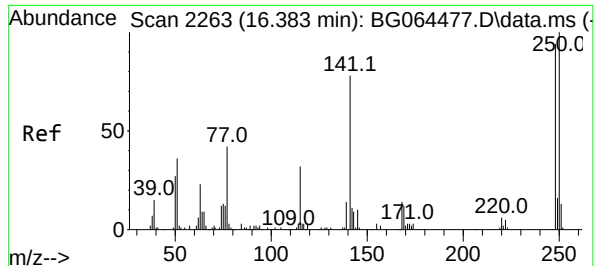


#66
n-Nitrosodiphenylamine
Concen: 47.518 ng
RT: 15.710 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



Tgt Ion:169 Resp: 254244
Ion Ratio Lower Upper
169 100
168 69.7 57.8 86.6
167 37.7 31.7 47.5





#67

4-Bromophenyl-phenylether

Concen: 47.653 ng

RT: 16.385 min Scan# 2263

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:248 Resp: 112356

Ion Ratio Lower Upper

248 100

250 94.7 85.3 127.9

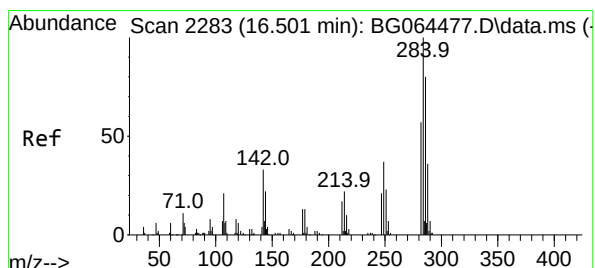
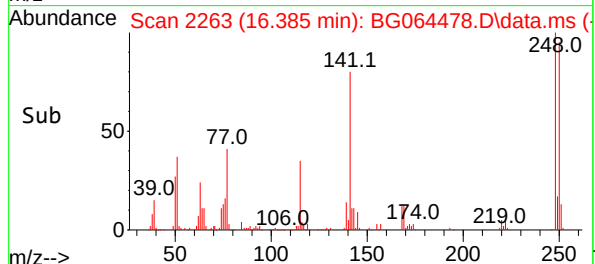
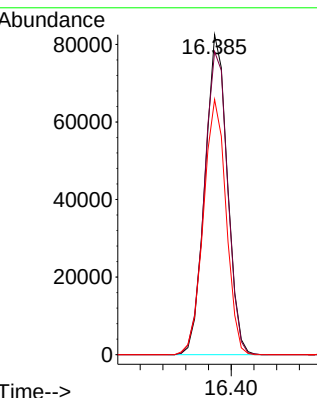
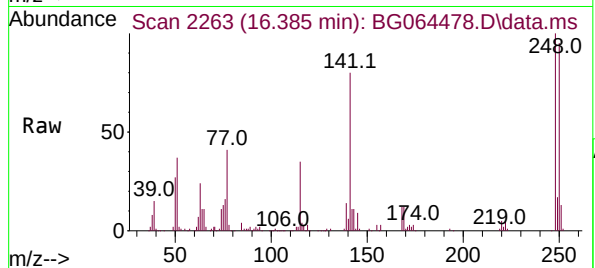
141 79.7 66.2 99.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#68

Hexachlorobenzene

Concen: 48.208 ng

RT: 16.503 min Scan# 2283

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

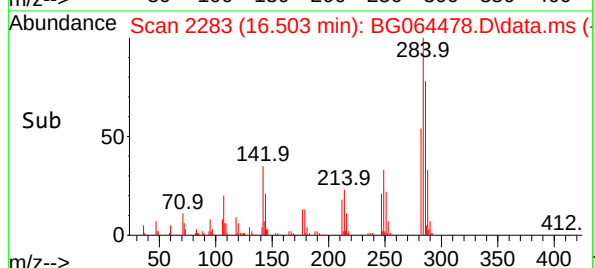
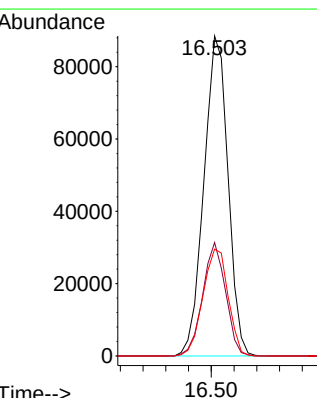
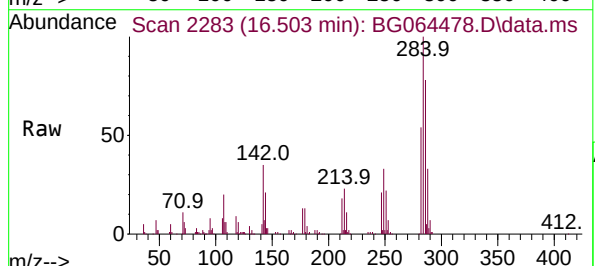
Tgt Ion:284 Resp: 130063

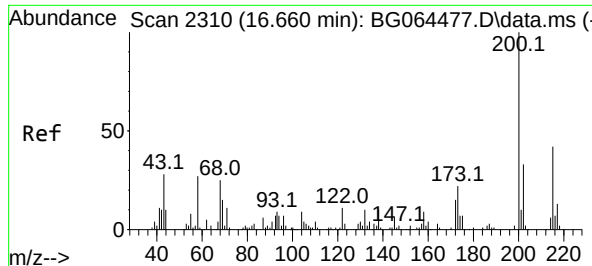
Ion Ratio Lower Upper

284 100

142 35.4 26.2 39.2

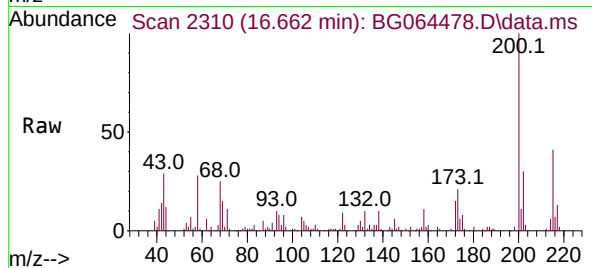
249 33.4 29.4 44.0





#69
Atrazine
Concen: 48.772 ng
RT: 16.662 min Scan# 2310
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

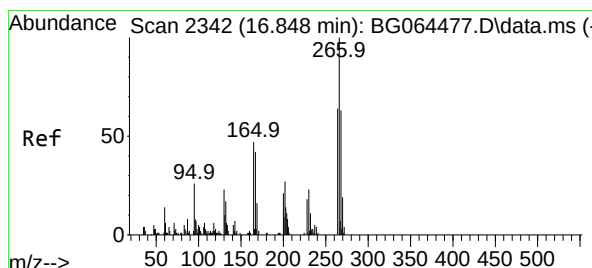
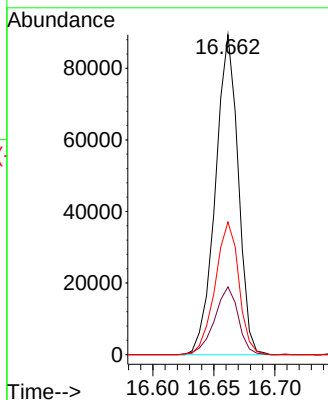
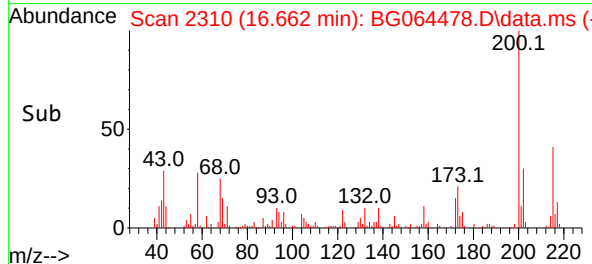
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 116098
Ion Ratio Lower Upper
200 100
173 21.2 2.5 42.5
215 41.4 21.5 61.5

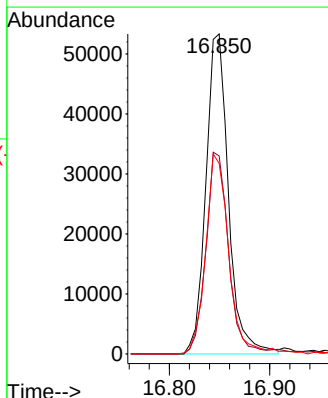
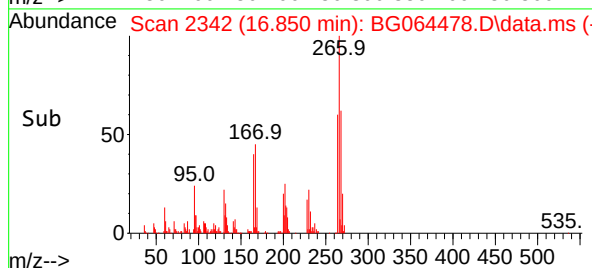
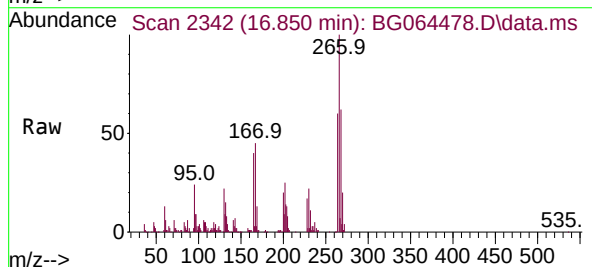
Manual Integrations
APPROVED

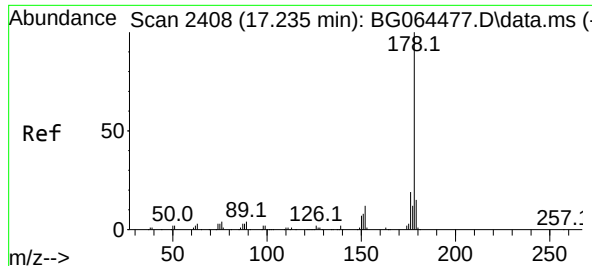
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#70
Pentachlorophenol
Concen: 52.695 ng
RT: 16.850 min Scan# 2342
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

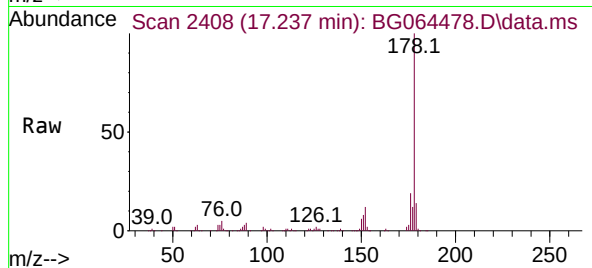
Tgt Ion:266 Resp: 83126
Ion Ratio Lower Upper
266 100
268 61.9 50.6 75.8
264 59.5 51.2 76.8





#71
Phenanthrene
Concen: 47.904 ng
RT: 17.237 min Scan# 2408
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

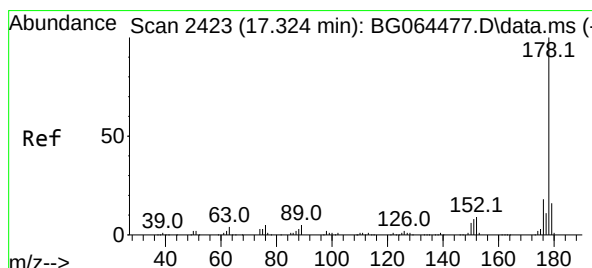
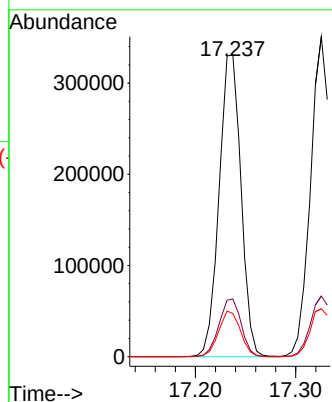
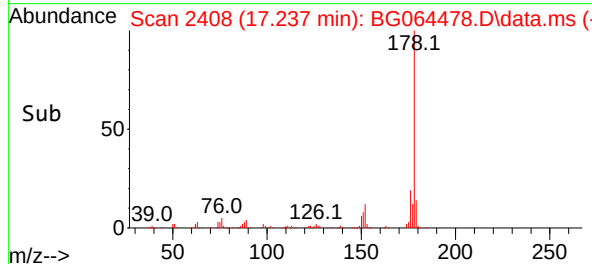
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



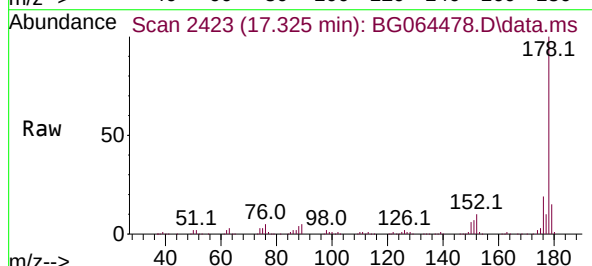
Tgt Ion:178 Resp: 50194
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 14.3 11.8 17.6

Manual Integrations
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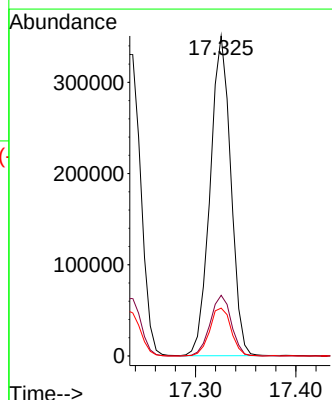
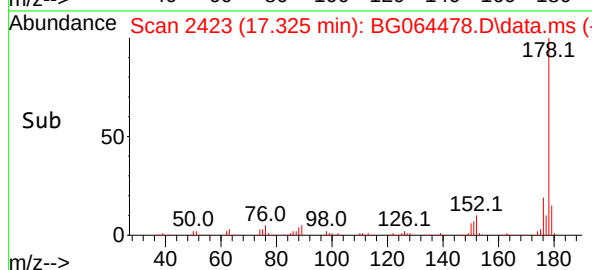
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

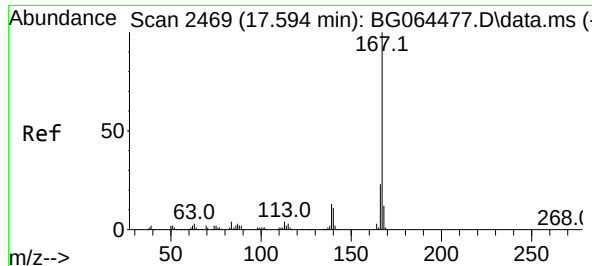


#72
Anthracene
Concen: 47.688 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



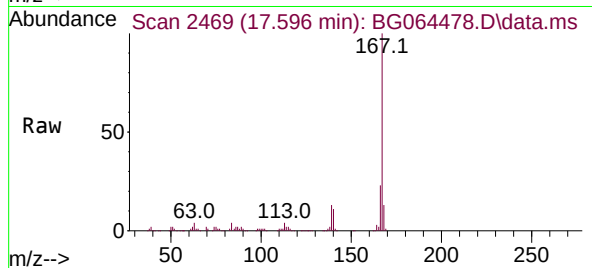
Tgt Ion:178 Resp: 501276
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 14.9 12.5 18.7





#73
Carbazole
Concen: 48.370 ng
RT: 17.596 min Scan# 2469
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

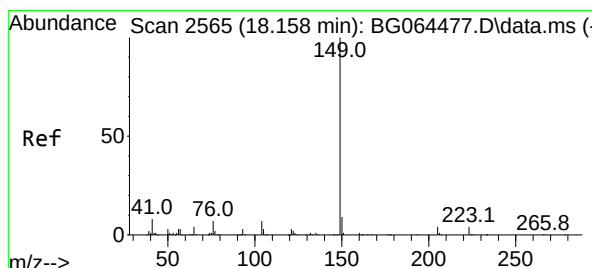
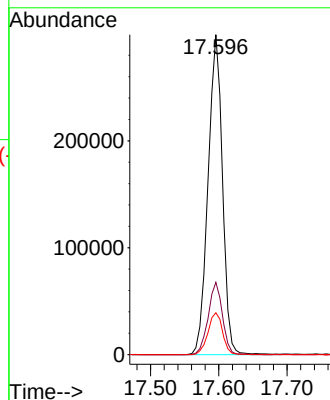
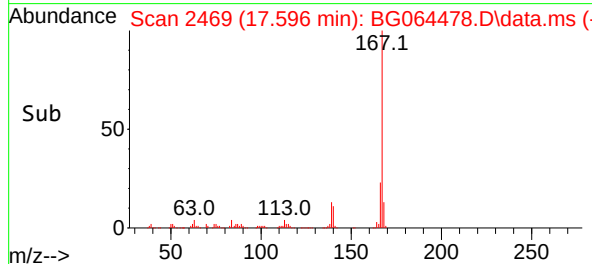
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 439490
Ion Ratio Lower Upper
167 100
166 22.6 18.6 27.8
139 13.1 10.2 15.4

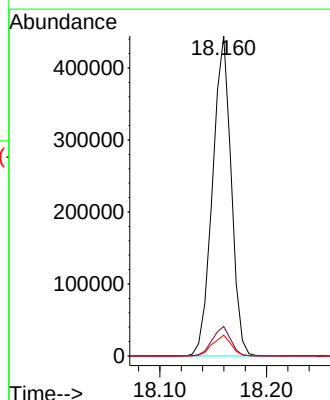
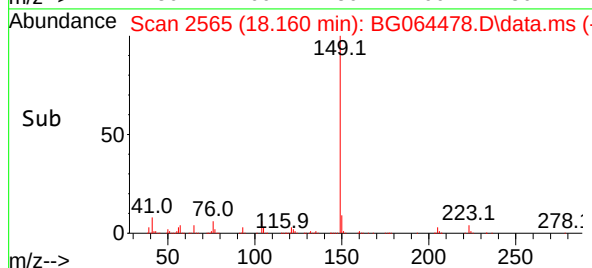
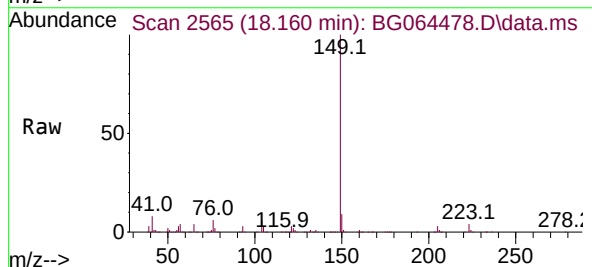
Manual Integrations
APPROVED

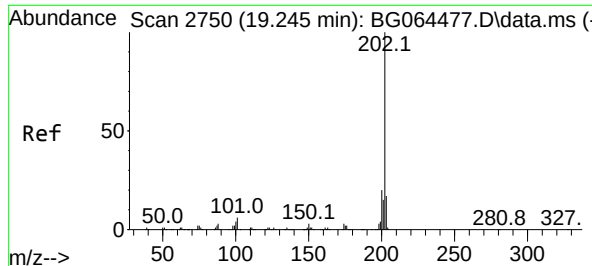
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 48.585 ng
RT: 18.160 min Scan# 2565
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

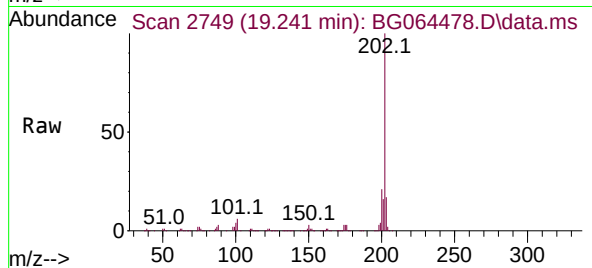
Tgt Ion:149 Resp: 538886
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 6.5 5.3 7.9





#75
Fluoranthene
Concen: 47.718 ng
RT: 19.241 min Scan# 2750
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

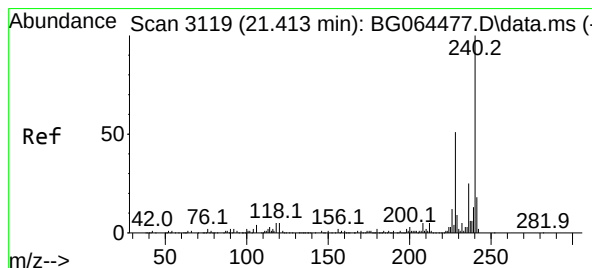
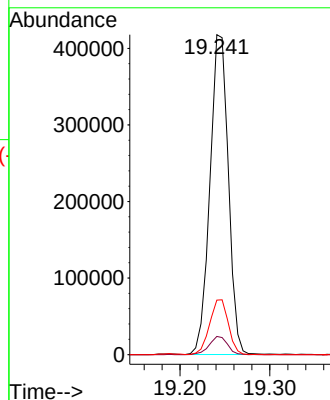
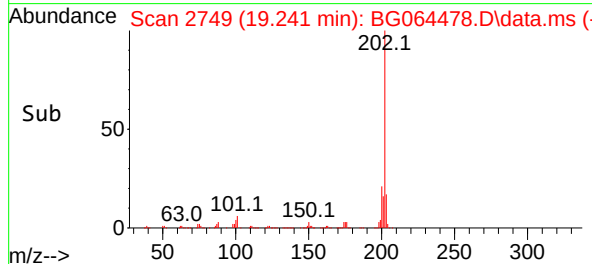
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 597309
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.7
203 17.0 0.0 36.6

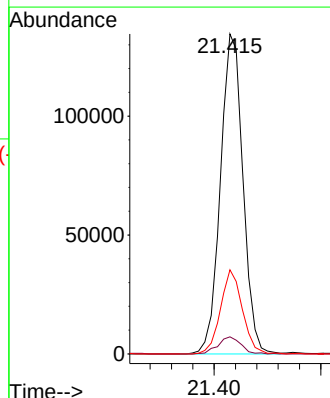
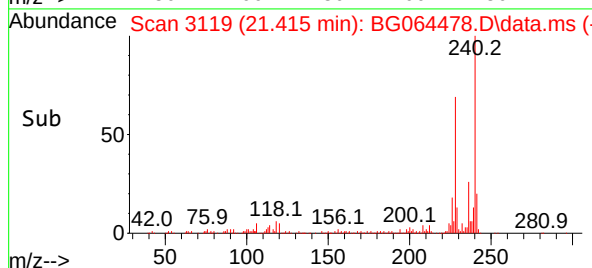
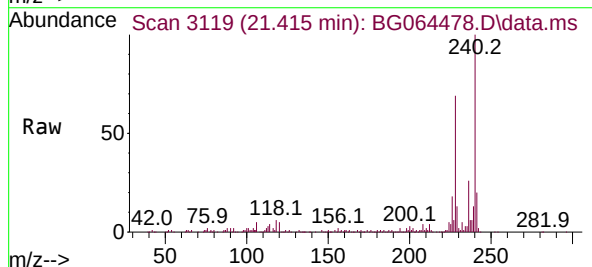
Manual Integrations
APPROVED

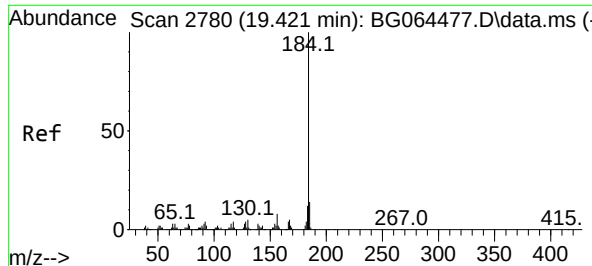
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

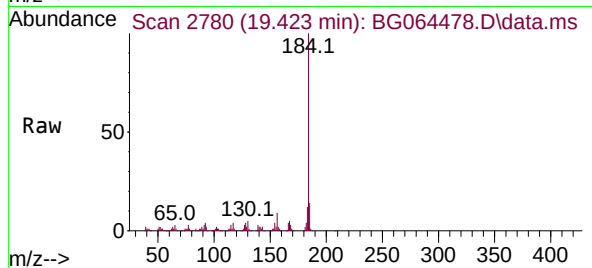
Tgt Ion:240 Resp: 197724
Ion Ratio Lower Upper
240 100
120 5.3 4.3 6.5
236 26.3 20.4 30.6





#77
Benzidine
Concen: 54.213 ng
RT: 19.423 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

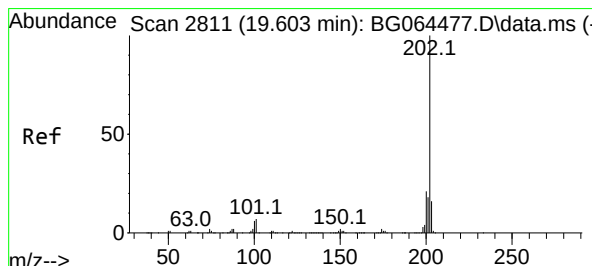
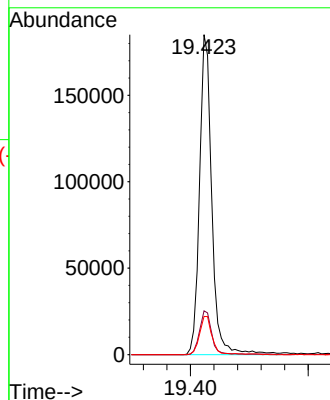
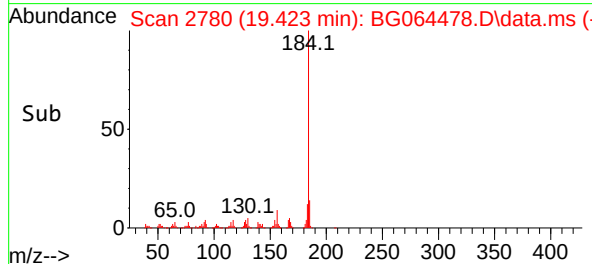
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 266730
Ion Ratio Lower Upper
184 100
185 13.7 10.9 16.3
183 11.9 9.8 14.6

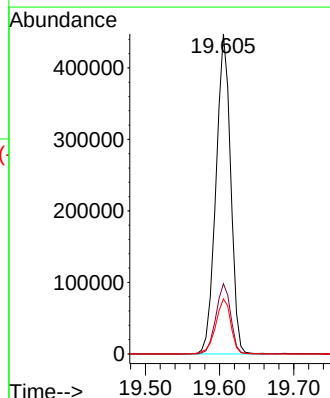
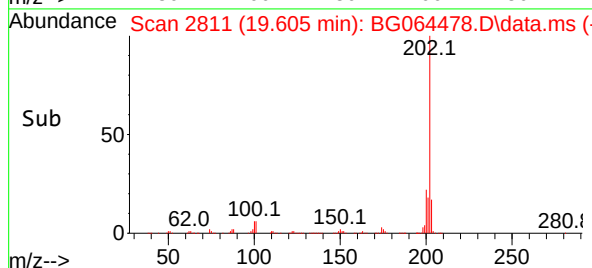
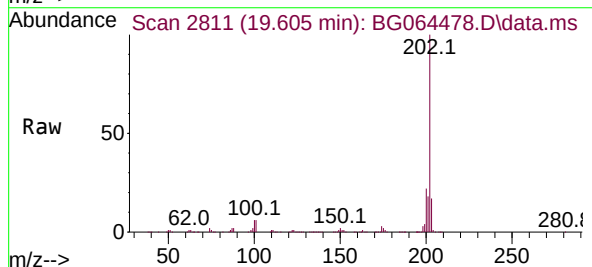
Manual Integrations
APPROVED

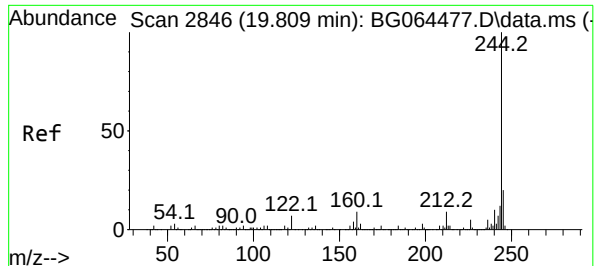
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 47.828 ng
RT: 19.605 min Scan# 2811
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

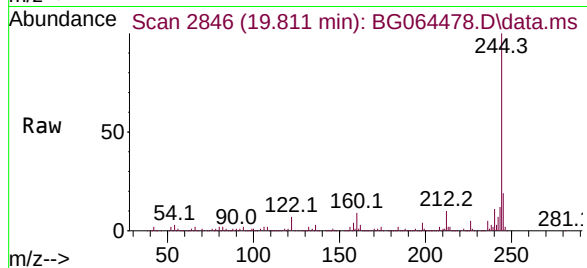
Tgt Ion:202 Resp: 613709
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.2 13.0 19.4





#79
Terphenyl-d14
Concen: 97.457 ng
RT: 19.811 min Scan# 2846
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

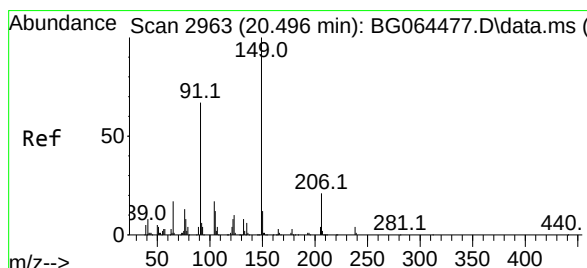
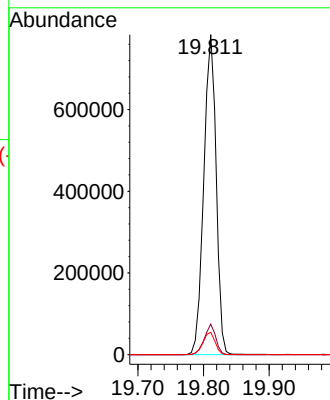
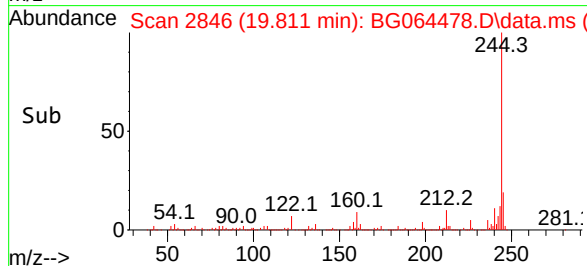
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



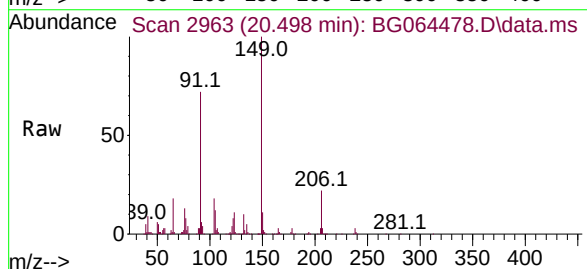
Tgt Ion:244 Resp: 1018211
Ion Ratio Lower Upper
244 100
212 9.5 7.0 10.6
122 7.0 5.6 8.4

Manual Integrations
APPROVED

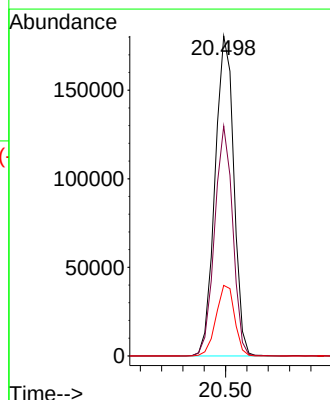
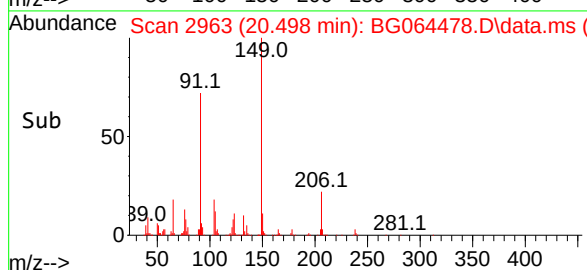
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

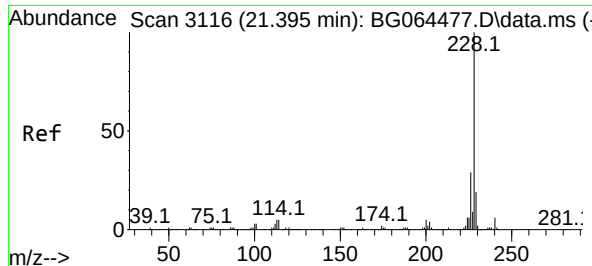


#80
Butylbenzylphthalate
Concen: 48.623 ng
RT: 20.498 min Scan# 2963
Delta R.T. -0.001 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



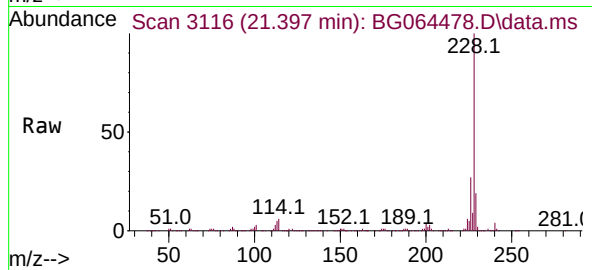
Tgt Ion:149 Resp: 221172
Ion Ratio Lower Upper
149 100
91 71.8 53.7 80.5
206 22.0 16.6 24.8





#81
Benzo(a)anthracene
Concen: 48.464 ng
RT: 21.397 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

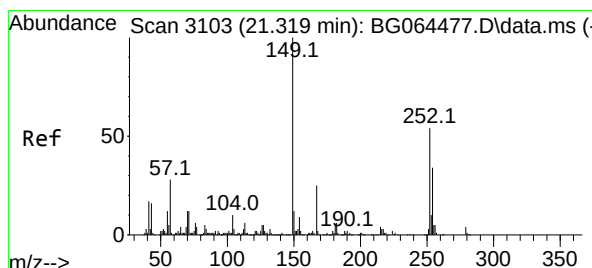
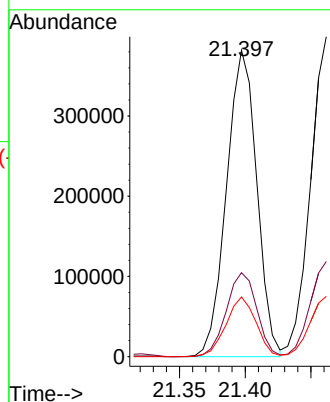
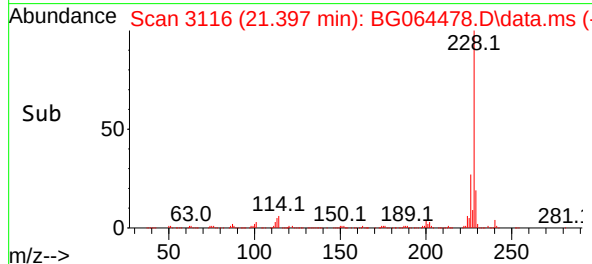
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 611850
Ion Ratio Lower Upper
228 100
226 27.4 22.8 34.2
229 19.5 15.2 22.8

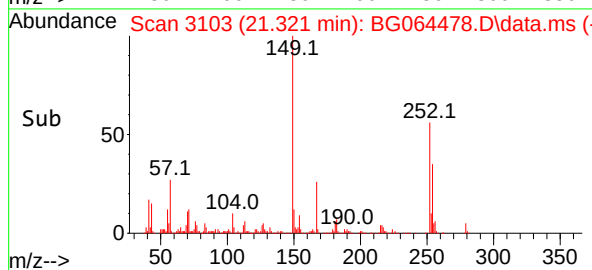
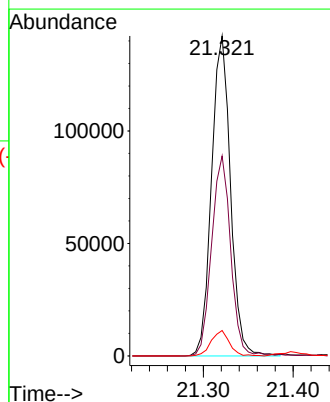
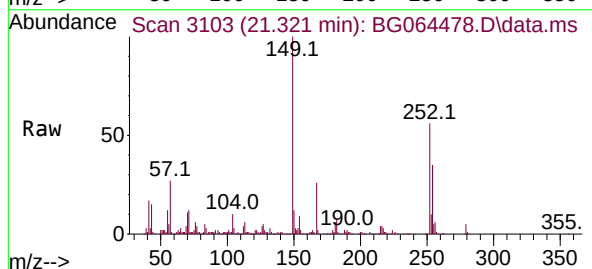
Manual Integrations
APPROVED

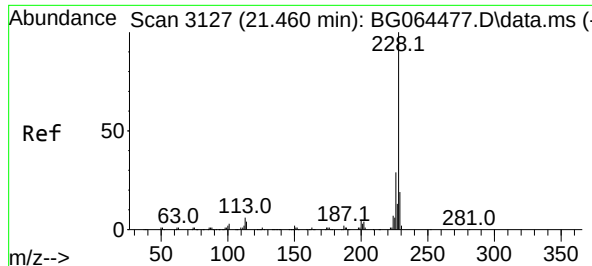
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 48.899 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

Tgt Ion:252 Resp: 208942
Ion Ratio Lower Upper
252 100
254 62.5 50.5 75.7
126 7.9 7.1 10.7





#83

Chrysene

Concen: 48.408 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

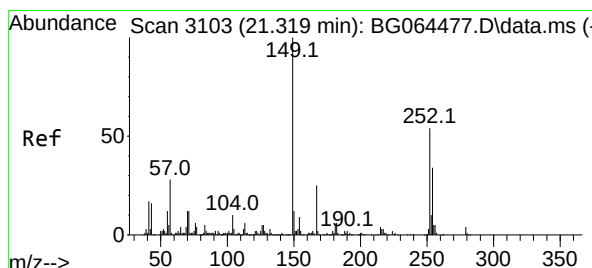
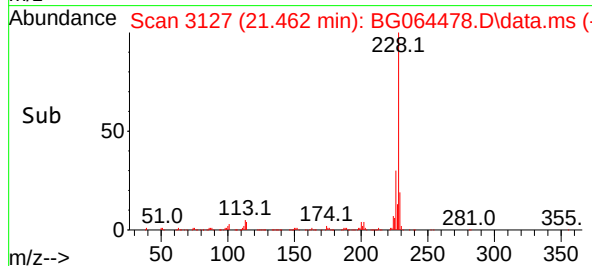
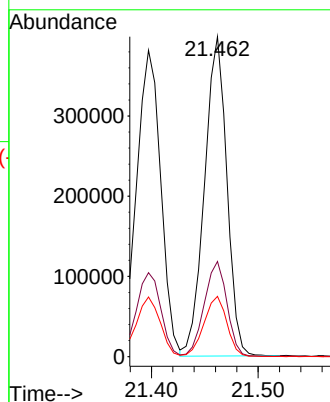
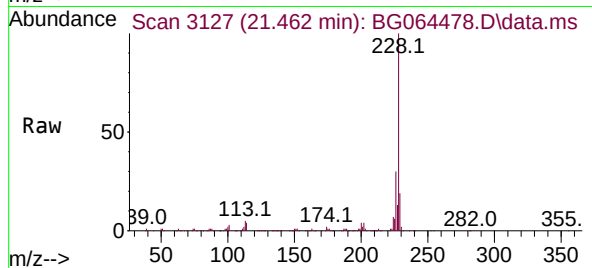
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	18.8	15.4	23.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.393 ng

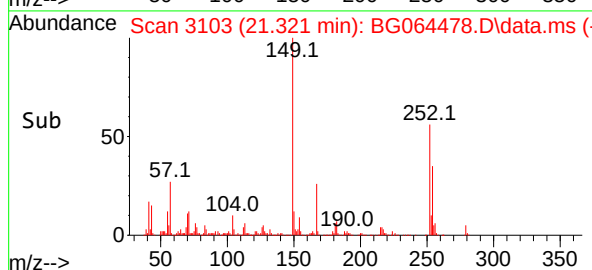
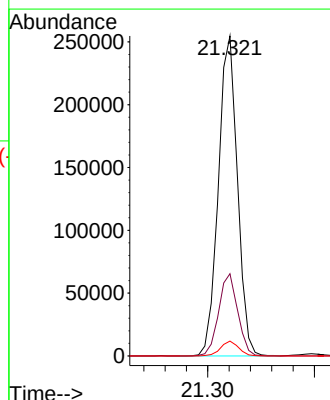
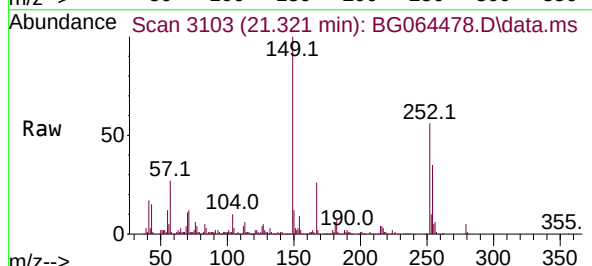
RT: 21.321 min Scan# 3103

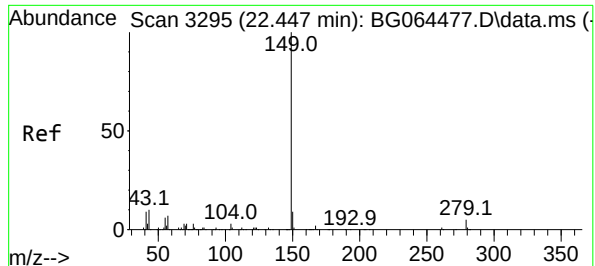
Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

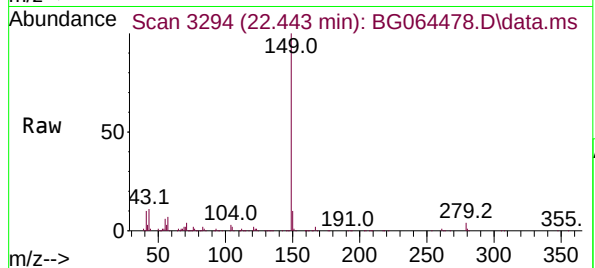
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.7	29.5
279	4.6	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 49.179 ng
RT: 22.443 min Scan# 3295
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

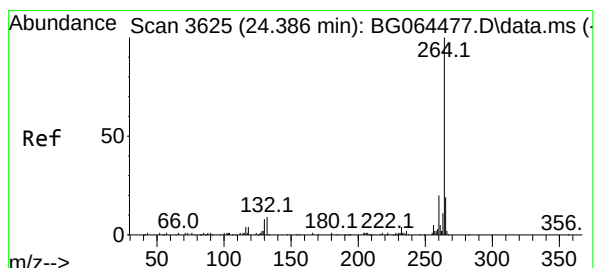
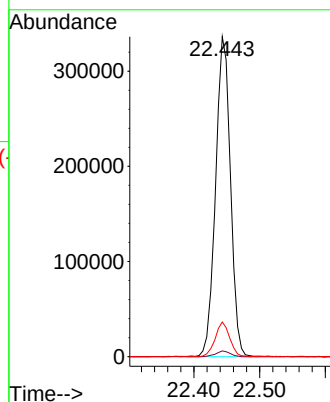
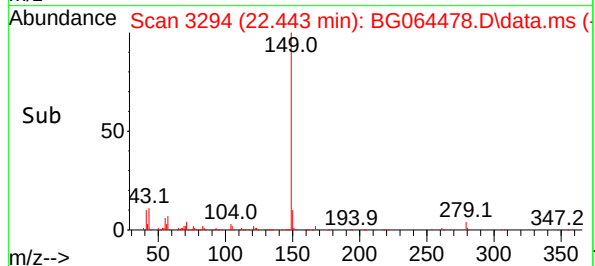
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



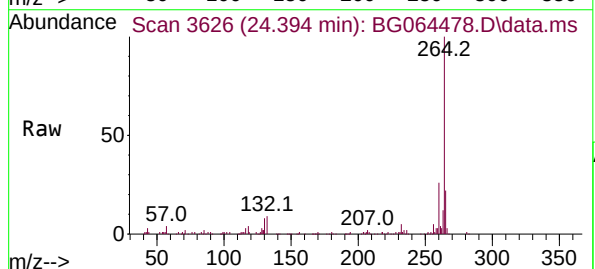
Tgt Ion:149 Resp: 530469
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.5 7.9 11.9

Manual Integrations
APPROVED

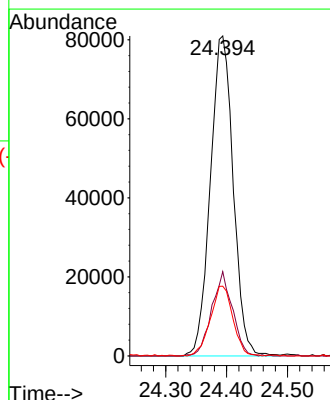
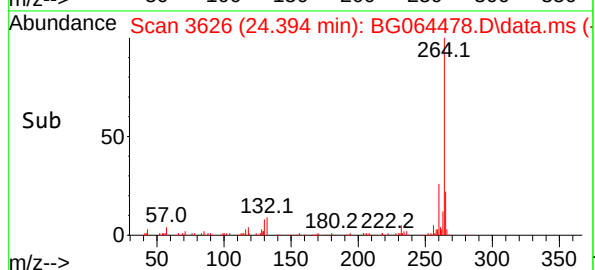
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

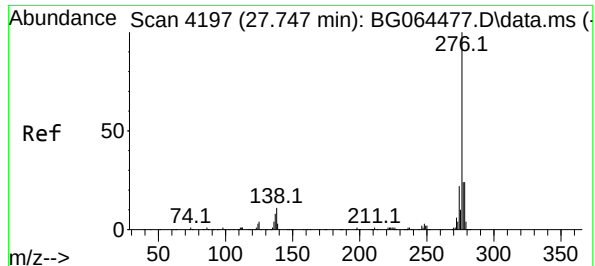


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.394 min Scan# 3626
Delta R.T. 0.004 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



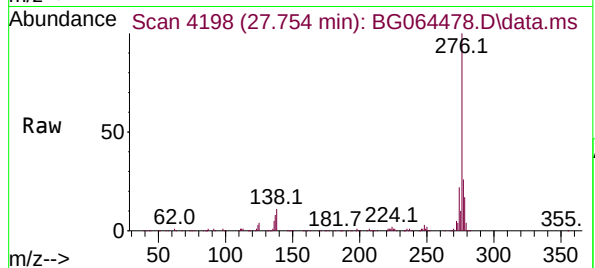
Tgt Ion:264 Resp: 211036
Ion Ratio Lower Upper
264 100
260 26.3 16.2 24.4#
265 21.8 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.822 ng
RT: 27.754 min Scan# 4198
Delta R.T. 0.022 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

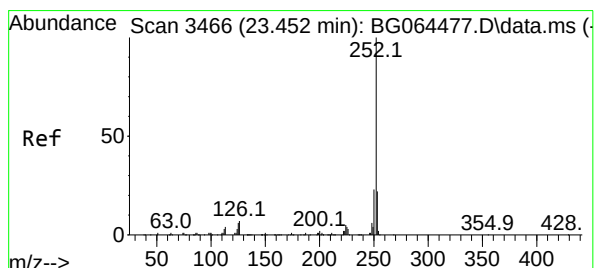
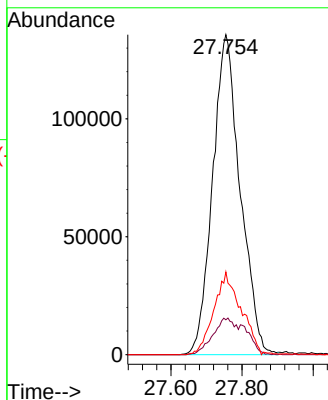
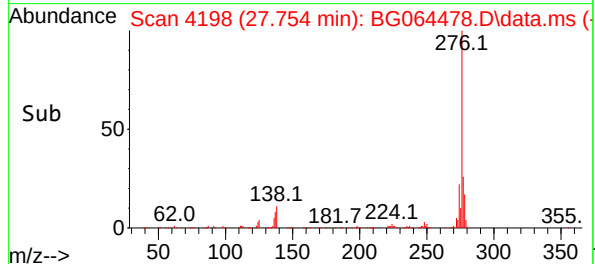
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



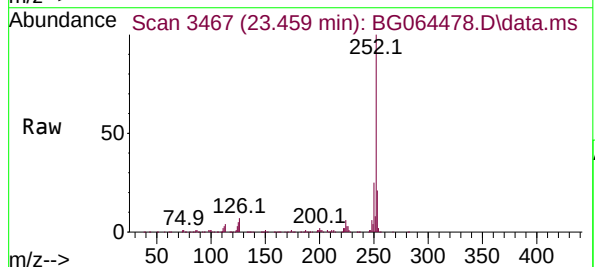
Tgt Ion:276 Resp: 731852
Ion Ratio Lower Upper
276 100
138 9.5 10.8 16.2
277 25.3 20.3 30.5

Manual Integrations
APPROVED

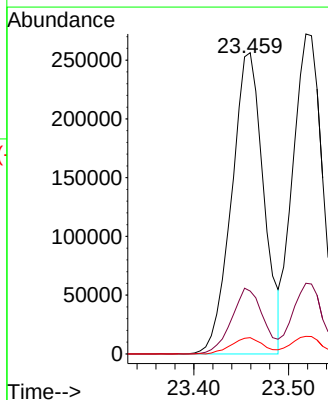
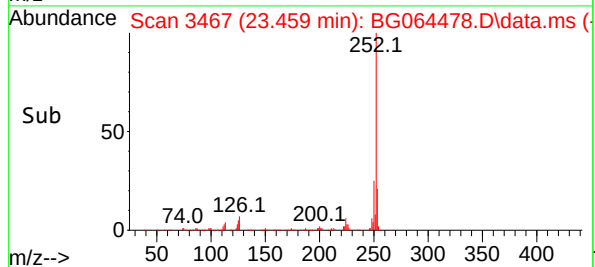
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

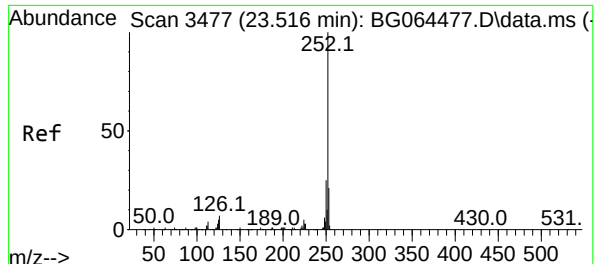


#88
Benzo(b)fluoranthene
Concen: 50.163 ng
RT: 23.459 min Scan# 3467
Delta R.T. 0.010 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



Tgt Ion:252 Resp: 602249
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 5.4 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 49.006 ng

RT: 23.518 min Scan# 3477

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

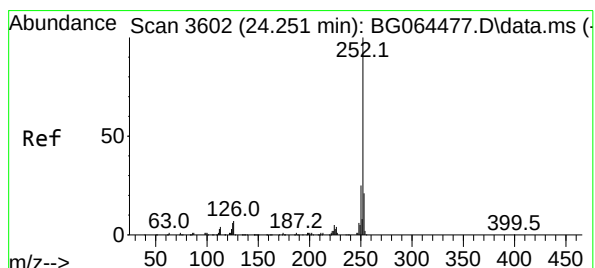
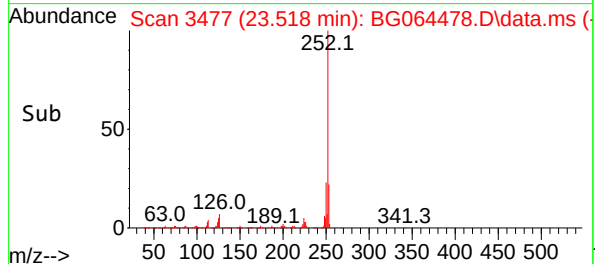
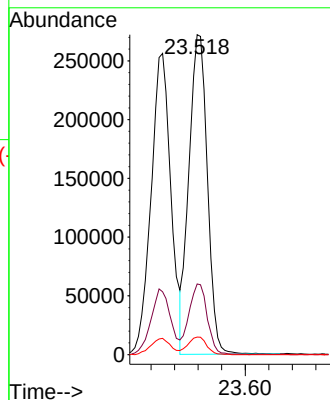
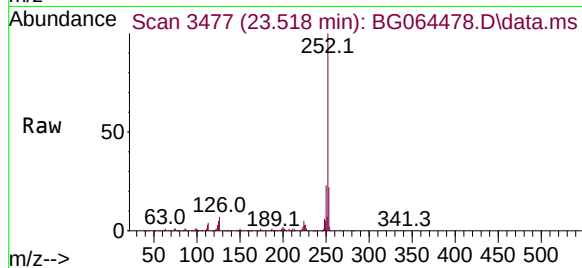
Tgt Ion:	252	Resp:	592576
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	5.5	4.0	6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 49.152 ng

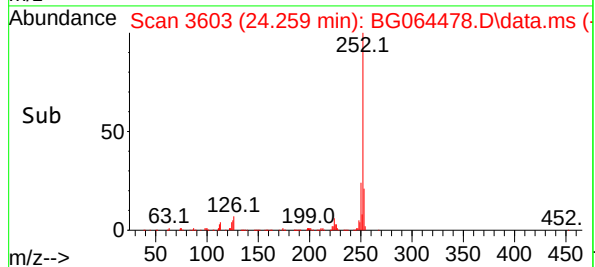
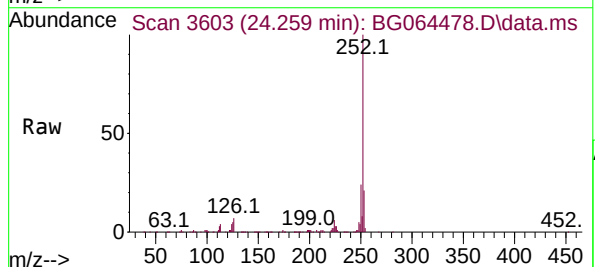
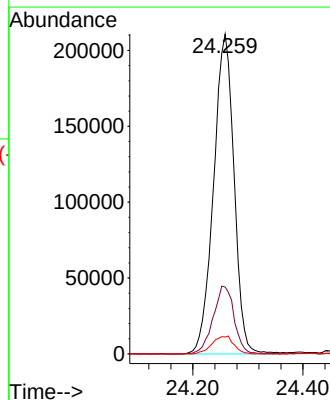
RT: 24.259 min Scan# 3603

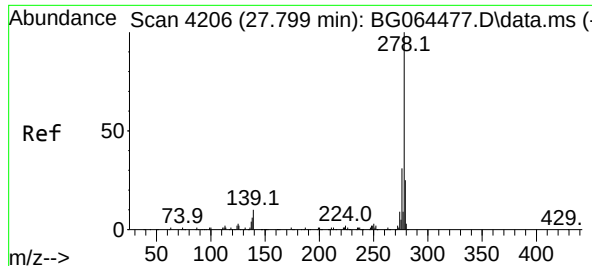
Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

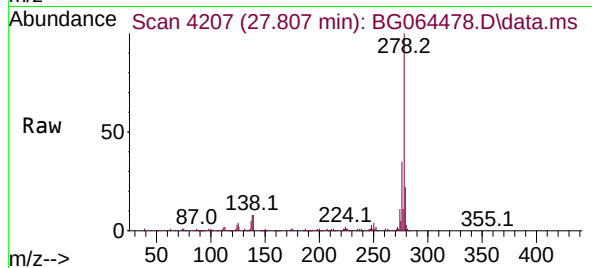
Tgt Ion:	252	Resp:	543872
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.1	25.7
125	5.3	4.6	6.8





#91
Dibenzo(a,h)anthracene
Concen: 50.092 ng
RT: 27.807 min Scan# 41
Delta R.T. 0.028 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55

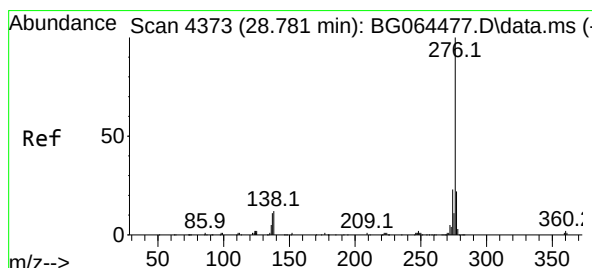
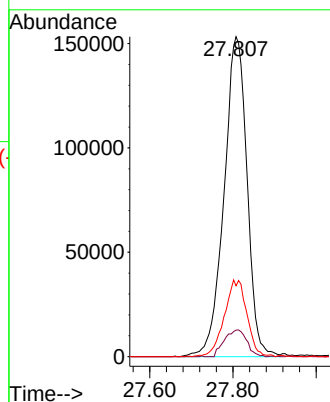
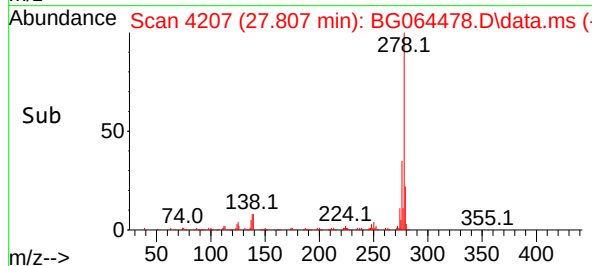
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



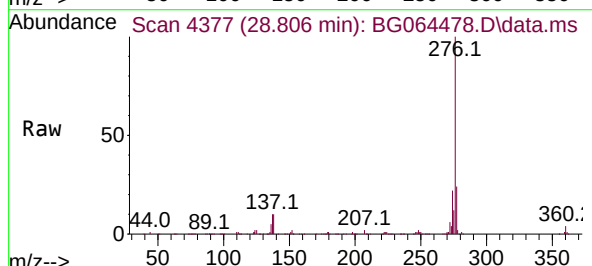
Tgt Ion:278 Resp: 588448
Ion Ratio Lower Upper
278 100
139 8.3 8.2 12.2
279 22.1 19.6 29.4

Manual Integrations
APPROVED

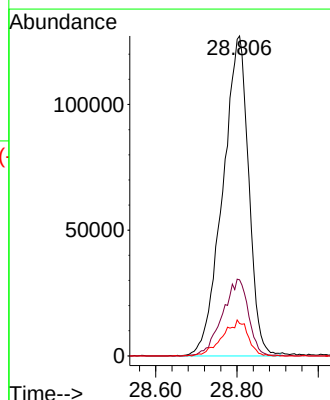
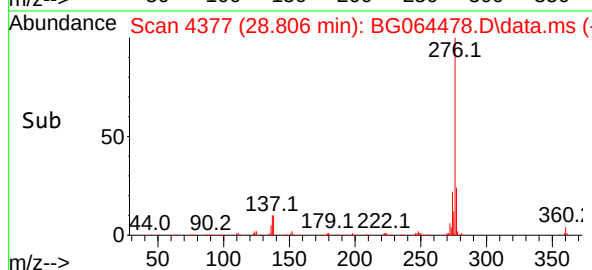
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 49.412 ng
RT: 28.806 min Scan# 4377
Delta R.T. 0.040 min
Lab File: BG064478.D
Acq: 2 Oct 2025 12:55



Tgt Ion:276 Resp: 564079
Ion Ratio Lower Upper
276 100
277 23.8 17.8 26.6
138 10.1 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064479.D
 Acq On : 2 Oct 2025 13:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	18157	20.000	ng	# 0.00
21) Naphthalene-d8	10.614	136	79713	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	59222	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	143075	20.000	ng	0.00
76) Chrysene-d12	21.419	240	144920	20.000	ng	0.00
86) Perylene-d12	24.386	264	155027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	120711	123.037	ng	0.00
7) Phenol-d6	7.001	99	163006	123.636	ng	0.01
23) Nitrobenzene-d5	8.981	82	182017	122.779	ng	0.01
42) 2,4,6-Tribromophenol	15.943	330	128452	119.659	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	493573	122.847	ng	0.00
79) Terphenyl-d14	19.809	244	908174	118.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	21034	54.202	ng	99
3) Pyridine	3.716	79	59671	57.214	ng	90
4) n-Nitrosodimethylamine	3.634	42	45910	60.722	ng	96
6) Aniline	7.153	93	99315	59.718	ng	95
8) 2-Chlorophenol	7.394	128	72763	60.397	ng	95
9) Benzaldehyde	6.965	77	84348	72.070	ng	96
10) Phenol	7.024	94	86206	61.981	ng	96
11) bis(2-Chloroethyl)ether	7.253	93	57983	61.560	ng	92
12) 1,3-Dichlorobenzene	7.712	146	77246	58.613	ng	97
13) 1,4-Dichlorobenzene	7.858	146	77379	58.502	ng	99
14) 1,2-Dichlorobenzene	8.176	146	76212	58.463	ng	90
15) Benzyl Alcohol	8.064	79	76230	62.783	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.346	45	93010	61.262	ng	95
17) 2-Methylphenol	8.270	107	62263	61.823	ng	98
18) Hexachloroethane	8.904	117	30824	59.041	ng	90
19) n-Nitroso-di-n-propyla...	8.634	70	57095	64.752	ng	98
20) 3+4-Methylphenols	8.599	107	88330	62.850	ng	94
22) Acetophenone	8.646	105	118355	61.322	ng	96
24) Nitrobenzene	9.022	77	90145	60.977	ng	99
25) Isophorone	9.545	82	163941	61.043	ng	# 96
26) 2-Nitrophenol	9.727	139	44985	61.140	ng	98
27) 2,4-Dimethylphenol	9.791	122	71145	63.308	ng	97
28) bis(2-Chloroethoxy)met...	10.027	93	84101	61.433	ng	98
29) 2,4-Dichlorophenol	10.262	162	80390	61.860	ng	95
30) 1,2,4-Trichlorobenzene	10.479	180	83491	58.922	ng	94
31) Naphthalene	10.661	128	248965	60.652	ng	99
32) Benzoic acid	9.974	122	57724m	66.902	ng	
33) 4-Chloroaniline	10.767	127	97069	61.625	ng	98
34) Hexachlorobutadiene	10.949	225	71767	59.141	ng	98
35) Caprolactam	11.554	113	26379	59.294	ng	92
36) 4-Chloro-3-methylphenol	11.901	107	96815	61.261	ng	98
37) 2-Methylnaphthalene	12.271	142	190996	60.616	ng	99
38) 1-Methylnaphthalene	12.494	142	187504	59.679	ng	99
40) 1,2,4,5-Tetrachloroben...	12.641	216	120531	63.034	ng	99
41) Hexachlorocyclopentadiene	12.623	237	67135	67.119	ng	92
43) 2,4,6-Trichlorophenol	12.888	196	77492	63.395	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064479.D
 Acq On : 2 Oct 2025 13:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	84004	61.556	ng	95
46) 1,1'-Biphenyl	13.287	154	263596	61.885	ng	98
47) 2-Chloronaphthalene	13.329	162	196507	61.791	ng	99
48) 2-Nitroaniline	13.528	65	68465	63.078	ng	96
49) Acenaphthylene	14.175	152	291016	61.645	ng	97
50) Dimethylphthalate	13.910	163	281798	60.755	ng	98
51) 2,6-Dinitrotoluene	14.028	165	61222	63.363	ng	95
52) Acenaphthene	14.515	154	202179	61.643	ng	97
53) 3-Nitroaniline	14.363	138	53857	60.440	ng	94
54) 2,4-Dinitrophenol	14.562	184	40673	58.053	ng	# 84
55) Dibenzofuran	14.850	168	332668	61.429	ng	98
56) 4-Nitrophenol	14.674	139	44975	64.107	ng	89
57) 2,4-Dinitrotoluene	14.821	165	89912	60.873	ng	99
58) Fluorene	15.502	166	272106	60.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	87720	62.984	ng	98
60) Diethylphthalate	15.279	149	295396	59.367	ng	96
61) 4-Chlorophenyl-phenyle...	15.497	204	145541	59.213	ng	97
62) 4-Nitroaniline	15.526	138	60477	65.117	ng	88
63) Azobenzene	15.784	77	229063	59.443	ng	98
65) 4,6-Dinitro-2-methylph...	15.585	198	62295	62.533	ng	94
66) n-Nitrosodiphenylamine	15.708	169	232383	60.822	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	101659	60.380	ng	97
68) Hexachlorobenzene	16.501	284	120060	62.318	ng	96
69) Atrazine	16.660	200	102498	60.299	ng	98
70) Pentachlorophenol	16.848	266	72916	64.730	ng	99
71) Phenanthrene	17.236	178	450582	60.221	ng	98
72) Anthracene	17.324	178	458626	61.100	ng	99
73) Carbazole	17.594	167	395523	60.961	ng	97
74) Di-n-butylphthalate	18.158	149	485256	61.267	ng	100
75) Fluoranthene	19.245	202	537693	60.154	ng	99
77) Benzidine	19.427	184	270028	74.880	ng	100
78) Pyrene	19.604	202	556837	59.207	ng	98
80) Butylbenzylphthalate	20.497	149	208125	62.426	ng	98
81) Benzo(a)anthracene	21.396	228	561451	60.676	ng	99
82) 3,3'-Dichlorobenzidine	21.319	252	192733	61.540	ng	97
83) Chrysene	21.460	228	525893	59.928	ng	97
84) Bis(2-ethylhexyl)phtha...	21.319	149	291329	61.932	ng	95
85) Di-n-octyl phthalate	22.447	149	489220	61.881	ng	99
87) Indeno(1,2,3-cd)pyrene	27.747	276	665573	61.679	ng	# 95
88) Benzo(b)fluoranthene	23.452	252	543592	61.635	ng	99
89) Benzo(k)fluoranthene	23.517	252	537854	60.551	ng	100
90) Benzo(a)pyrene	24.257	252	500159	61.533	ng	98
91) Dibenzo(a,h)anthracene	27.806	278	535408	62.043	ng	97
92) Benzo(g,h,i)perylene	28.799	276	513293	61.207	ng	98

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

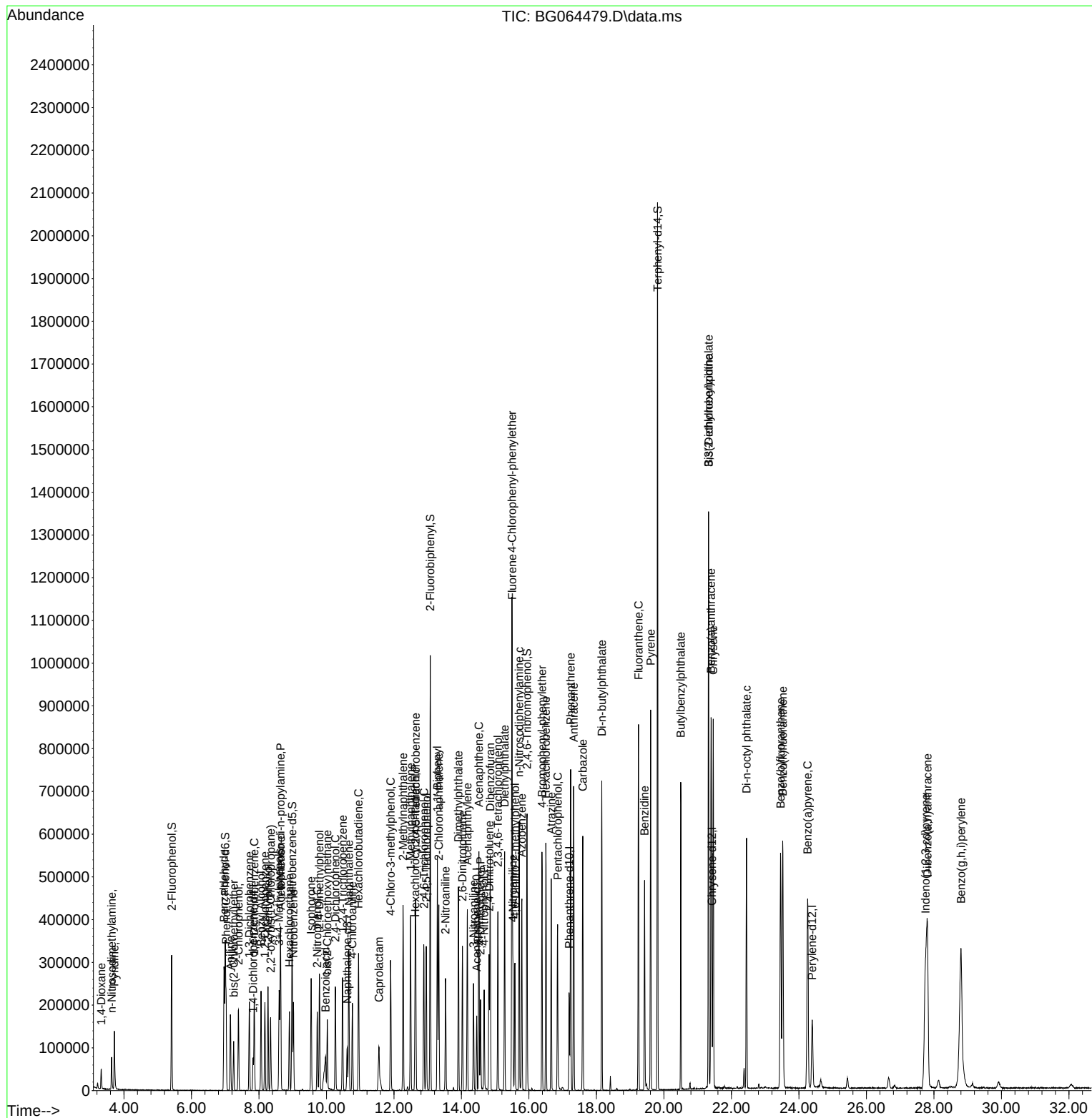
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Data File : BG064479.D
Acq On : 2 Oct 2025 13:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

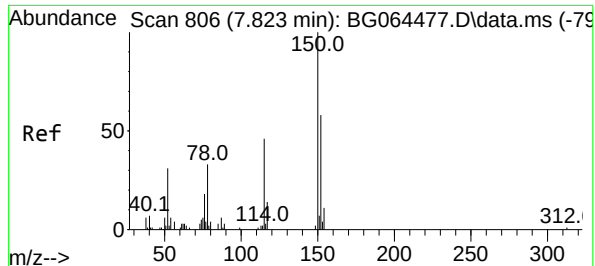
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

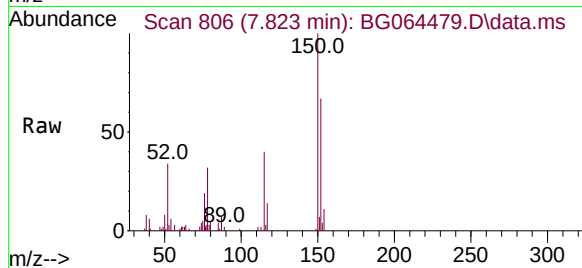
Quant Time: Oct 02 16:53:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

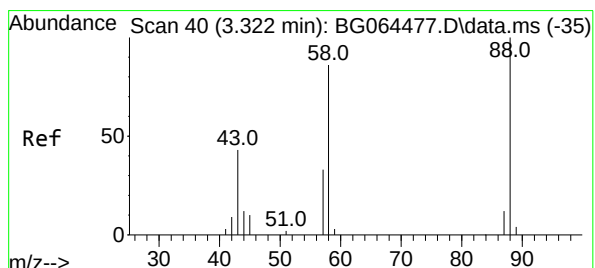
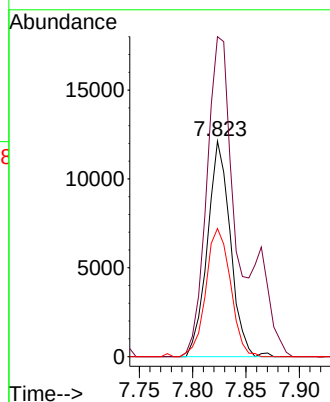
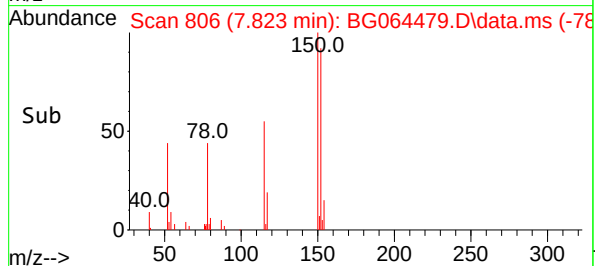
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 1815
Ion Ratio Lower Upper
152 100
150 148.6 138.6 207.8
115 59.5 63.4 95.2

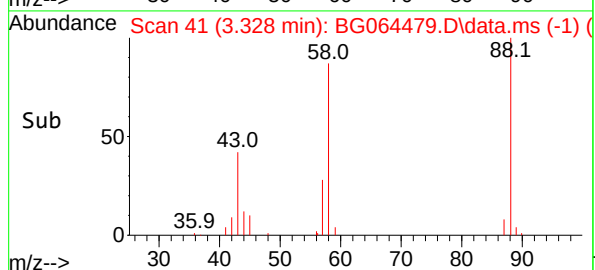
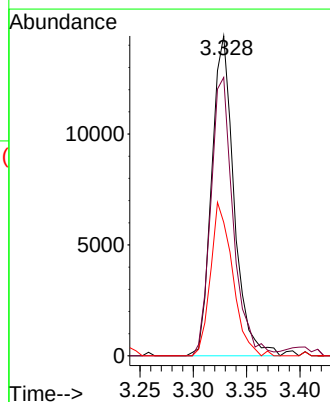
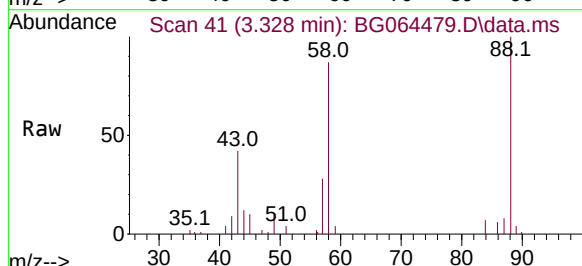
Manual Integrations
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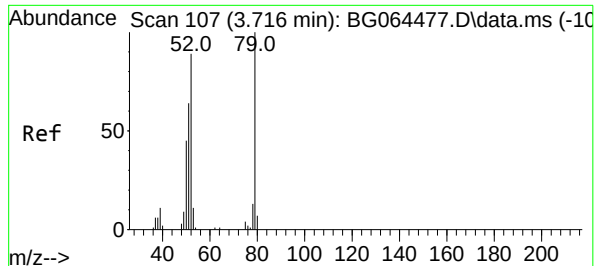
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 54.202 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

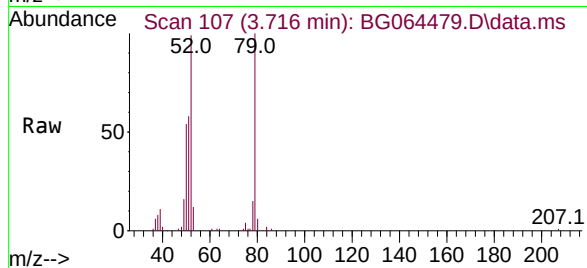
Tgt Ion: 88 Resp: 21034
Ion Ratio Lower Upper
88 100
58 87.6 69.8 104.6
43 47.3 37.4 56.0





#3
Pyridine
Concen: 57.214 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

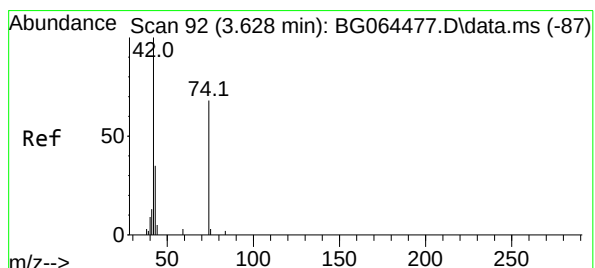
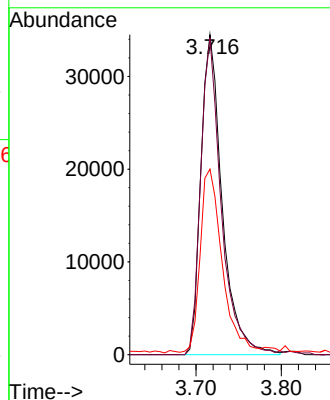
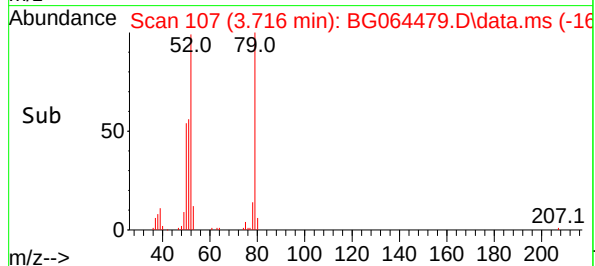
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 5967
Ion Ratio Lower Upper
79 100
52 99.0 71.0 106.4
51 58.0 51.0 76.6

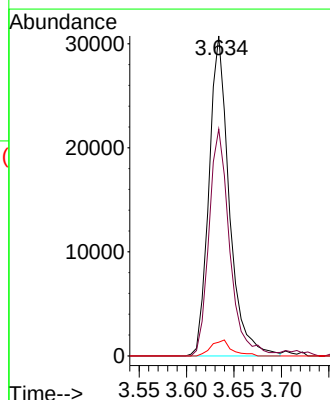
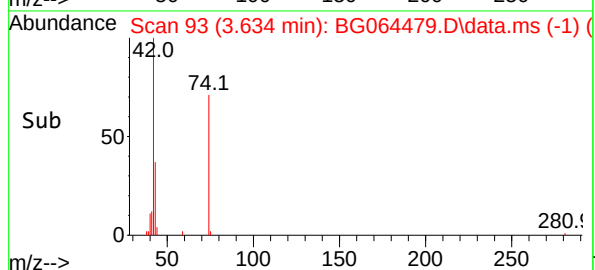
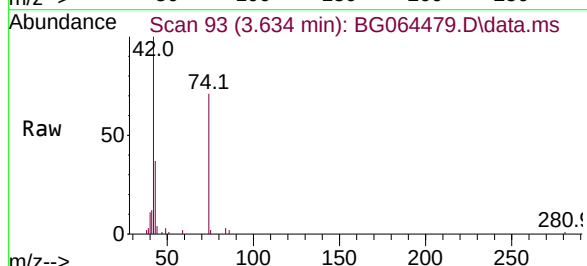
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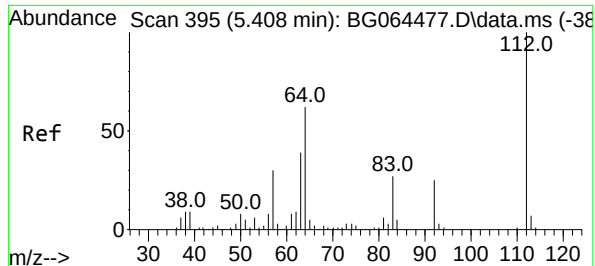
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 60.722 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 42 Resp: 45910
Ion Ratio Lower Upper
42 100
74 70.9 54.2 81.4
44 4.3 4.2 6.2





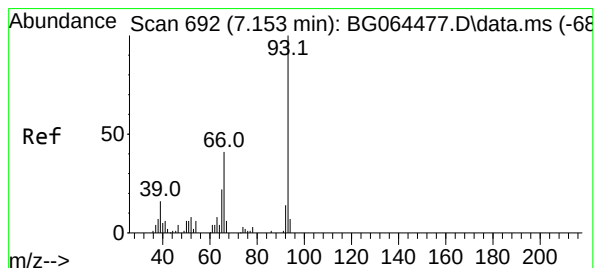
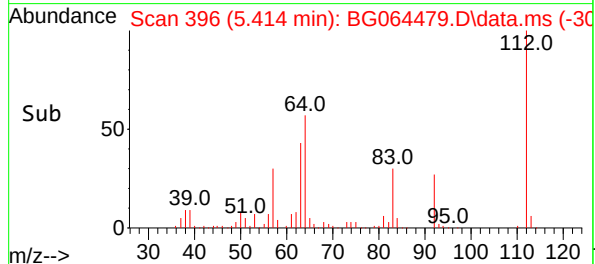
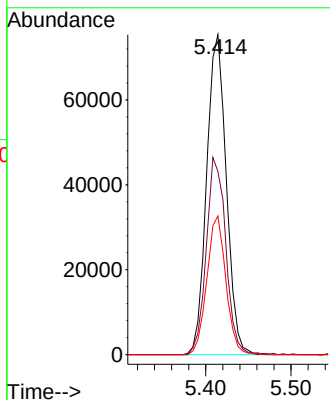
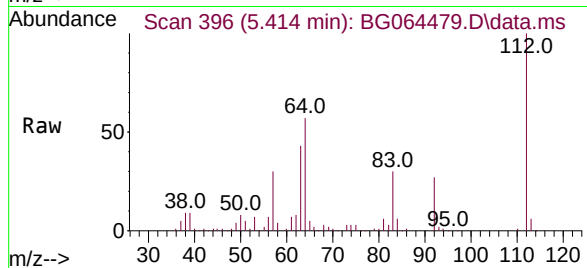
#5
2-Fluorophenol
Concen: 123.037 ng
RT: 5.414 min Scan# 395
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 12071
Ion Ratio Lower Upper
112 100
64 57.3 49.8 74.8
63 43.4 31.3 46.9

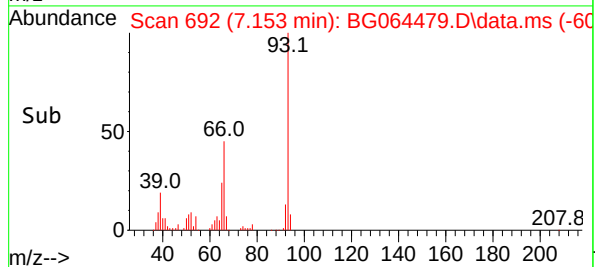
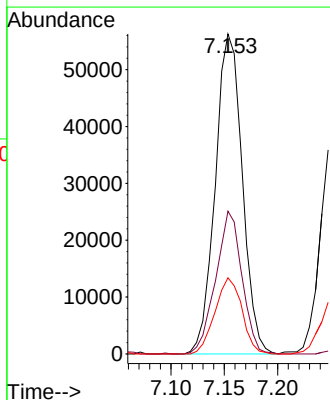
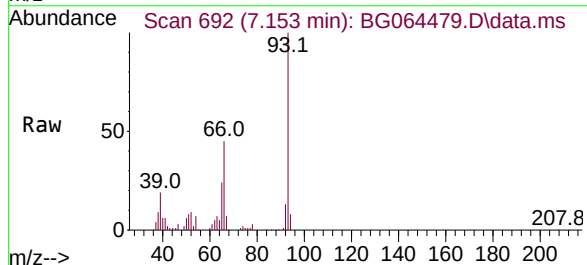
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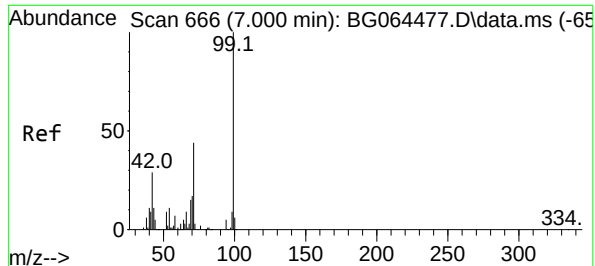
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 59.718 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion: 93 Resp: 99315
Ion Ratio Lower Upper
93 100
66 44.6 33.0 49.4
65 23.8 17.5 26.3





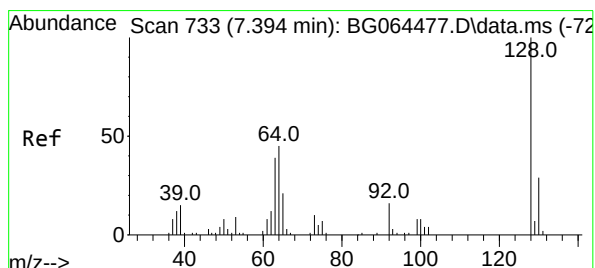
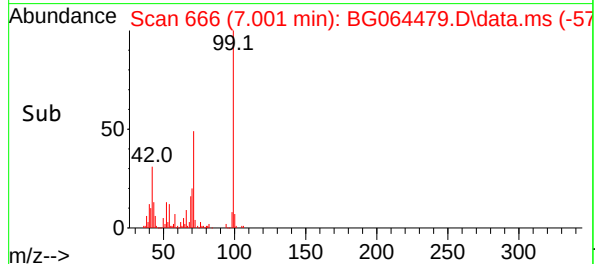
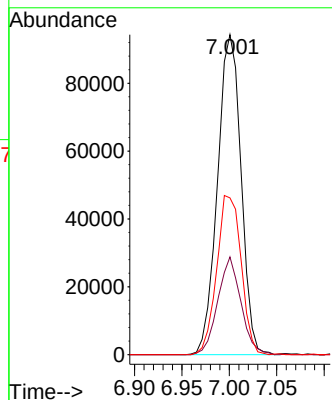
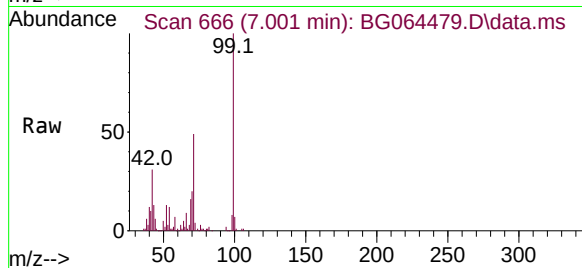
#7
Phenol-d6
Concen: 123.636 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 163006
Ion Ratio Lower Upper
99 100
42 30.5 22.9 34.3
71 49.0 35.4 53.2

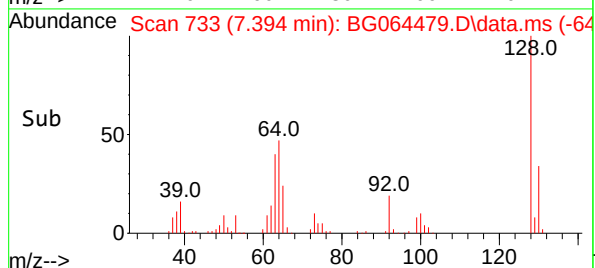
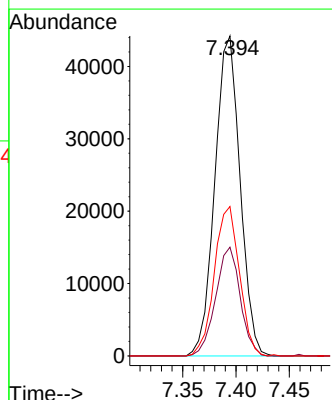
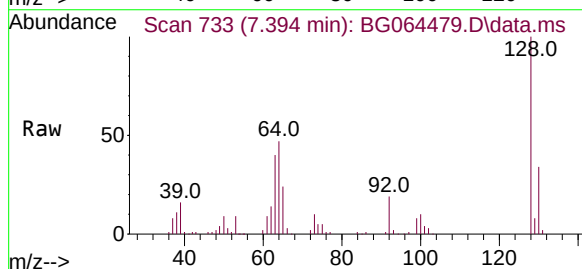
Manual Integrations
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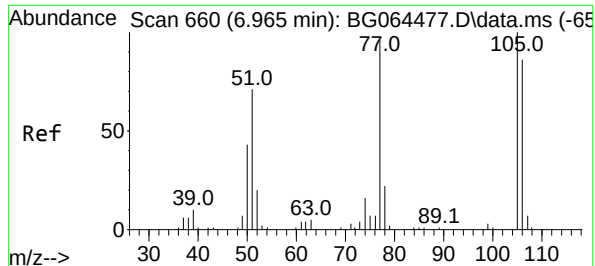
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 60.397 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:128 Resp: 72763
Ion Ratio Lower Upper
128 100
130 34.0 9.2 49.2
64 46.7 25.5 65.5





#9

Benzaldehyde

Concen: 72.070 ng

RT: 6.965 min Scan# 60

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 84348

Ion Ratio Lower Upper

77 100

105 98.6 83.7 123.7

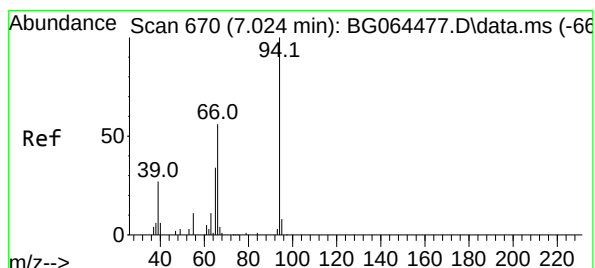
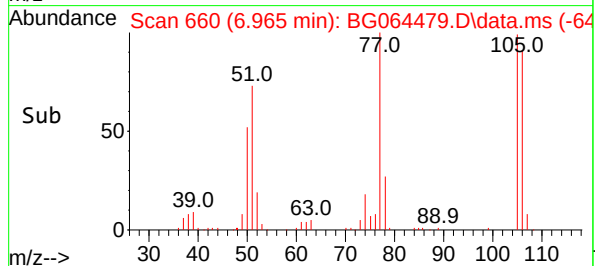
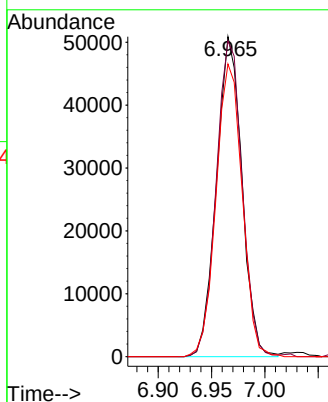
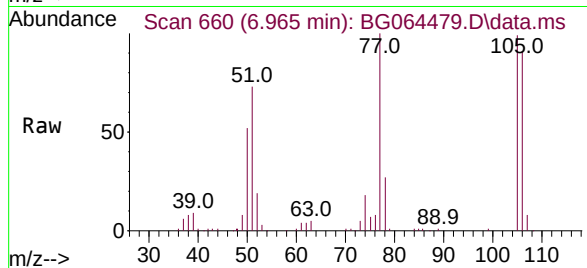
106 91.4 69.4 109.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#10

Phenol

Concen: 61.981 ng

RT: 7.024 min Scan# 670

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

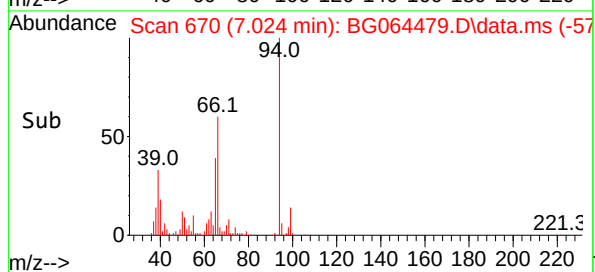
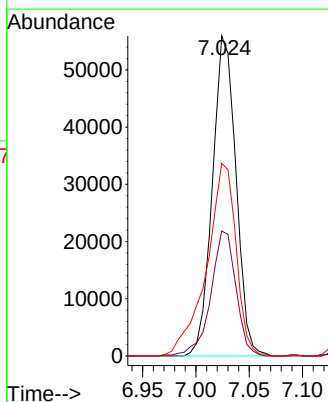
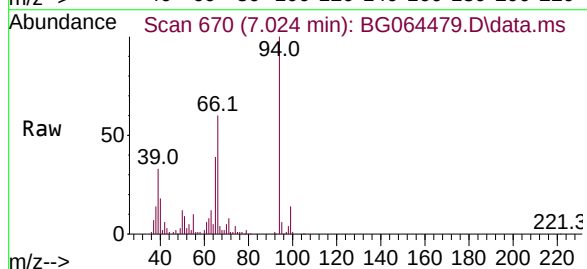
Tgt Ion: 94 Resp: 86206

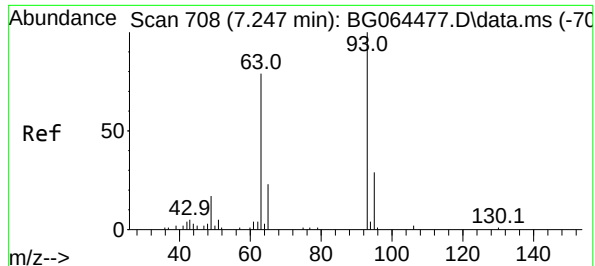
Ion Ratio Lower Upper

94 100

65 39.0 14.8 54.8

66 60.2 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 61.560 ng

RT: 7.253 min Scan# 708

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

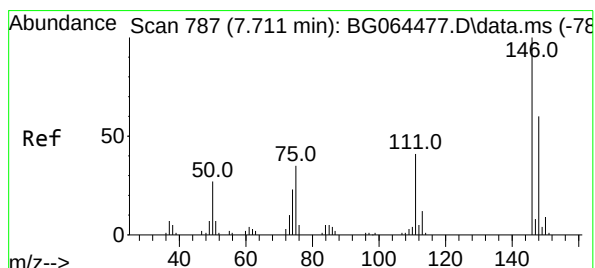
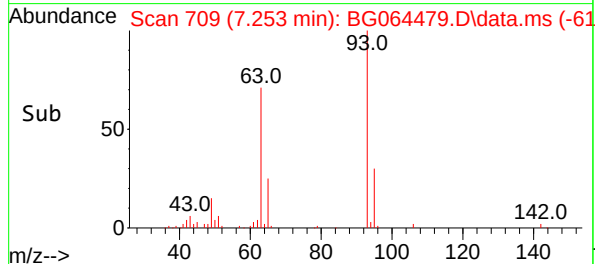
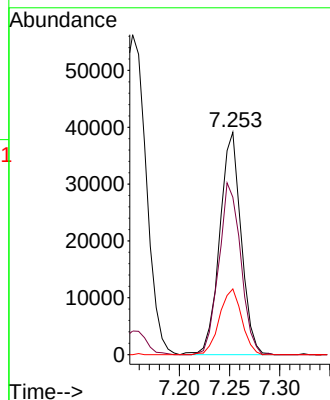
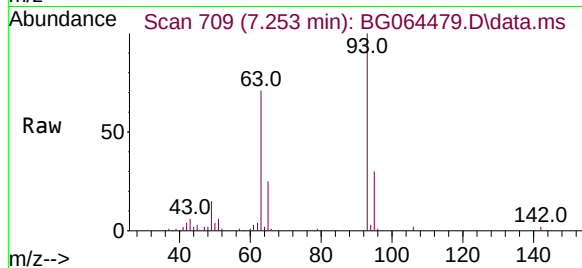
ClientSampleId :

SSTDICC060

Tgt Ion:	93	Resp:	57983
Ion Ratio	Lower	Upper	
93	100		
63	70.8	59.5	99.5
95	29.6	8.8	48.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 58.613 ng

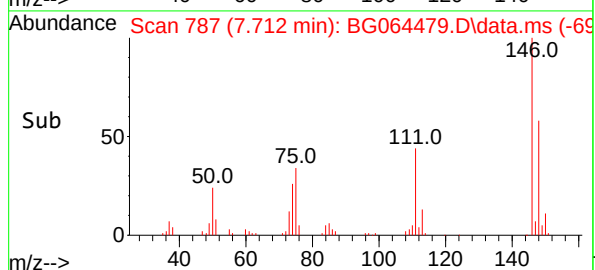
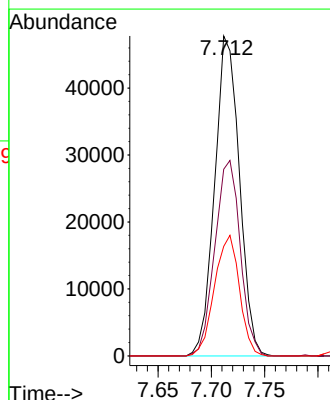
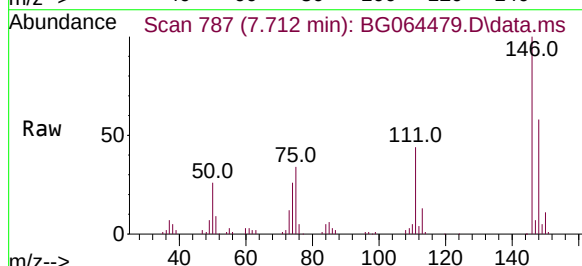
RT: 7.712 min Scan# 787

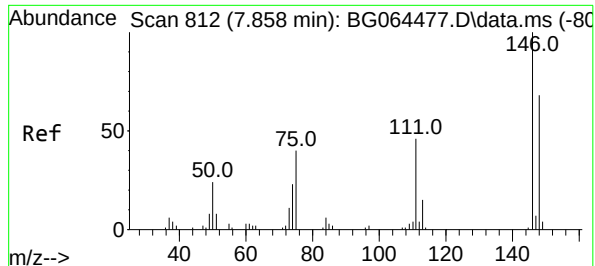
Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Tgt Ion:	146	Resp:	77246
Ion Ratio	Lower	Upper	
146	100		
148	58.3	48.4	72.6
75	34.2	28.3	42.5





#13

1,4-Dichlorobenzene

Concen: 58.502 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 77379

Ion Ratio Lower Upper

146 100

148 67.0 54.4 81.6

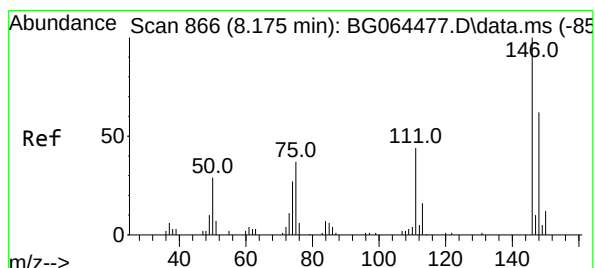
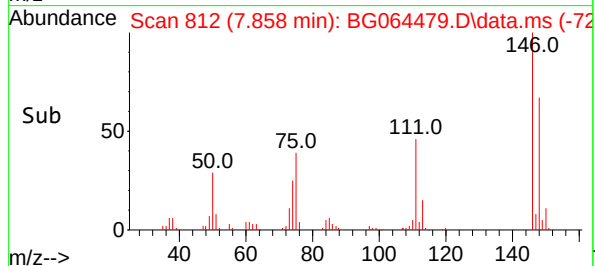
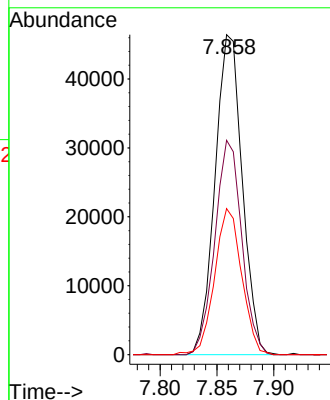
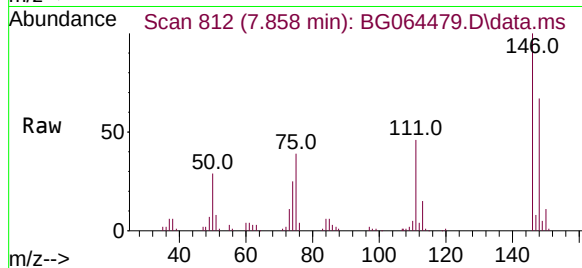
111 45.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 58.463 ng

RT: 8.176 min Scan# 866

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

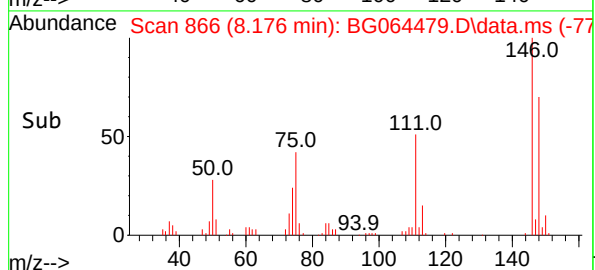
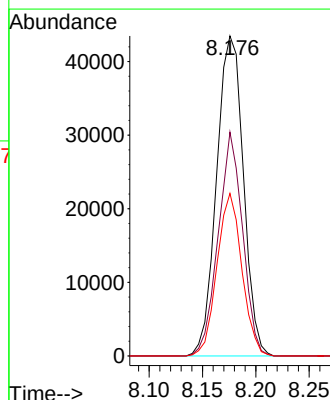
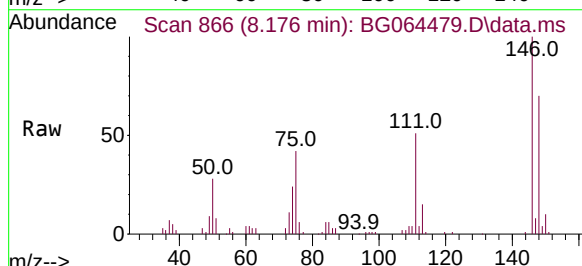
Tgt Ion:146 Resp: 76212

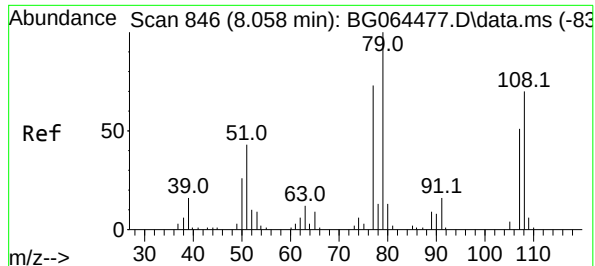
Ion Ratio Lower Upper

146 100

148 69.9 50.0 75.0

111 50.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 62.783 ng

RT: 8.064 min Scan# 846

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 76230

Ion Ratio Lower Upper

79 100

108 65.9 56.4 84.6

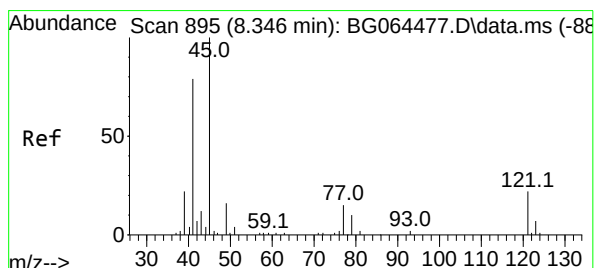
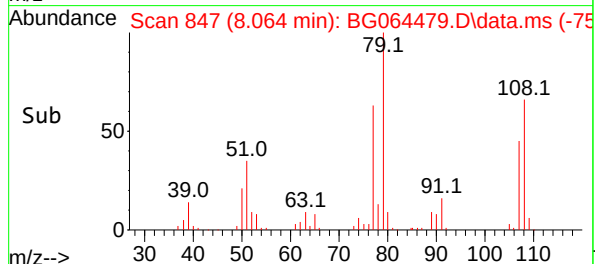
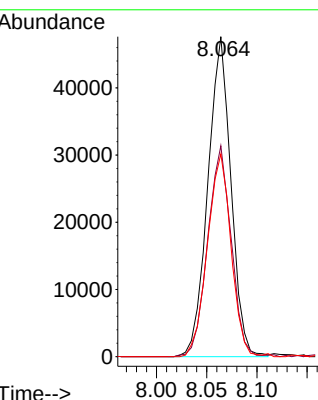
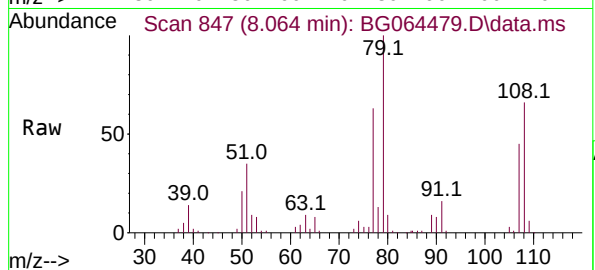
77 63.3 58.3 87.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 61.262 ng

RT: 8.346 min Scan# 895

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

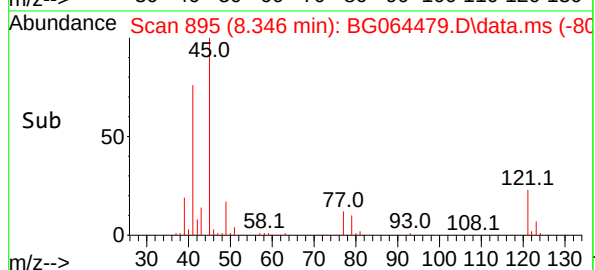
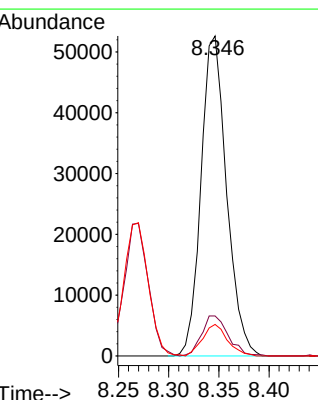
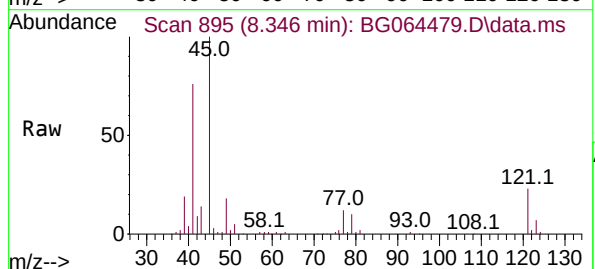
Tgt Ion: 45 Resp: 93010

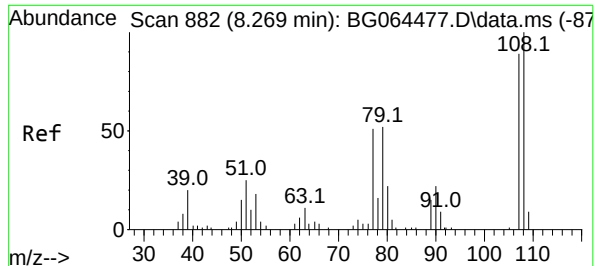
Ion Ratio Lower Upper

45 100

77 12.5 0.0 35.6

79 9.8 0.0 30.7





#17

2-Methylphenol

Concen: 61.823 ng

RT: 8.270 min Scan# 882

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 62263

Ion Ratio Lower Upper

107 100

108 108.3 90.3 135.5

77 57.9 46.0 69.0

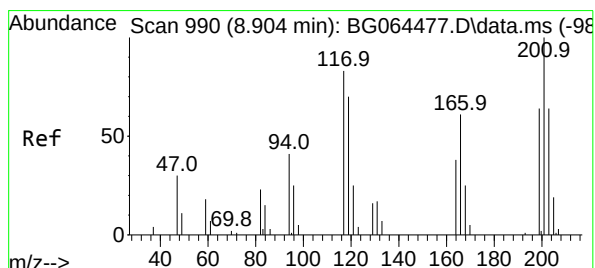
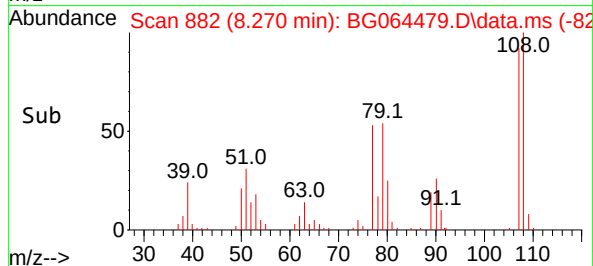
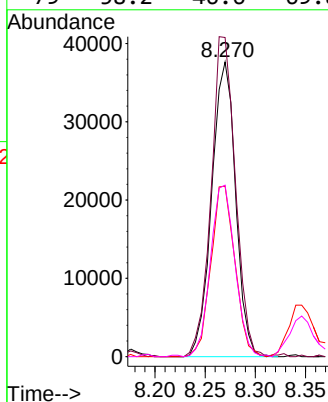
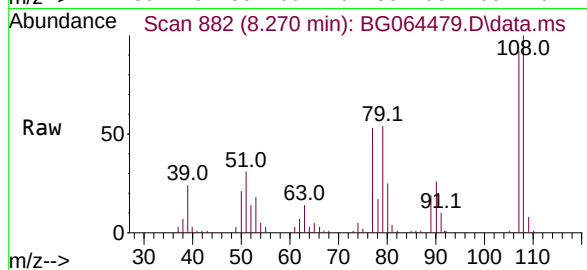
79 58.2 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 59.041 ng

RT: 8.904 min Scan# 990

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

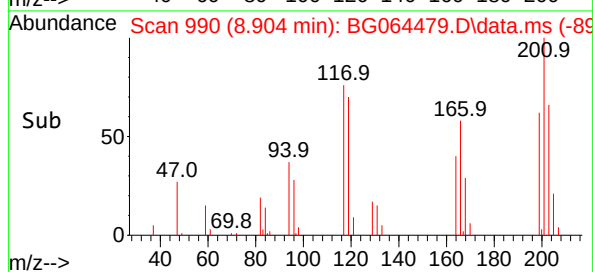
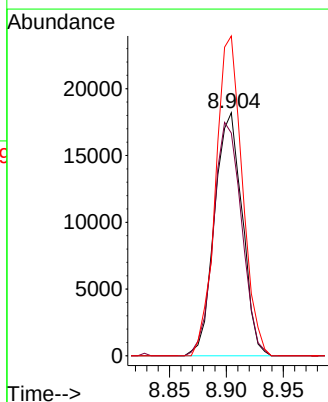
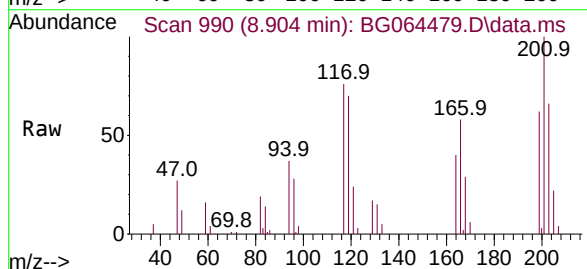
Tgt Ion:117 Resp: 30824

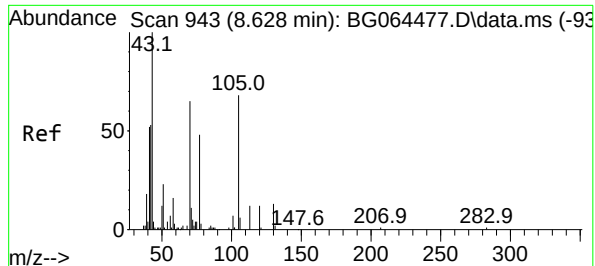
Ion Ratio Lower Upper

117 100

119 91.7 67.4 101.0

201 131.7 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 64.752 ng

RT: 8.634 min Scan# 94

Delta R.T. 0.020 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 57095

Ion Ratio Lower Upper

70 100

42 81.7 64.9 97.3

101 9.8 8.7 13.1

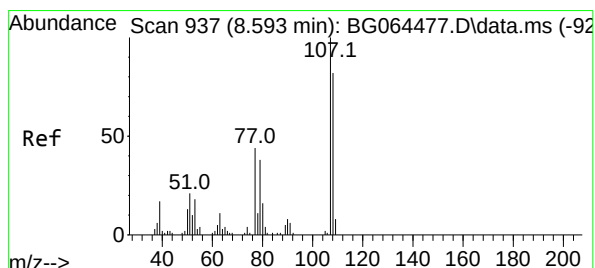
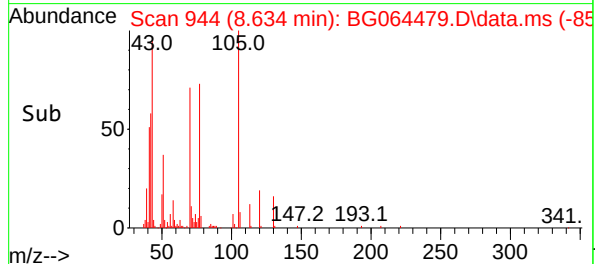
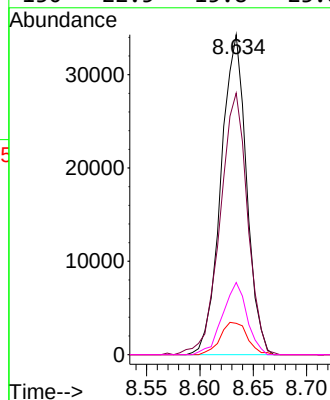
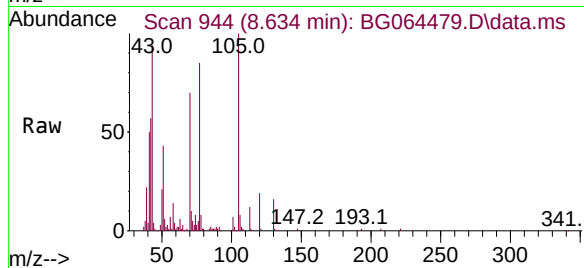
130 22.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 62.850 ng

RT: 8.599 min Scan# 938

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Tgt Ion:107 Resp: 88330

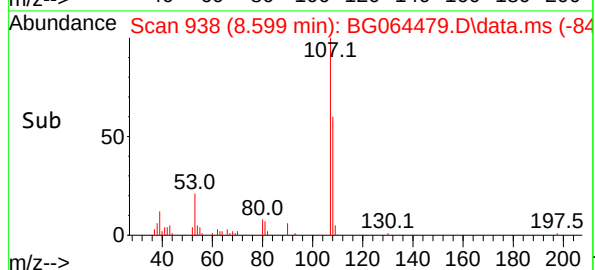
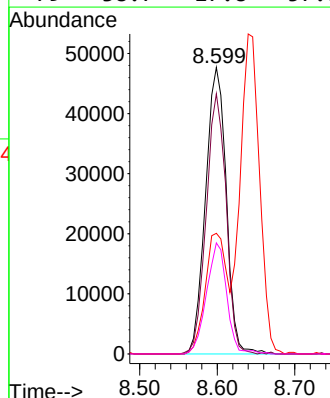
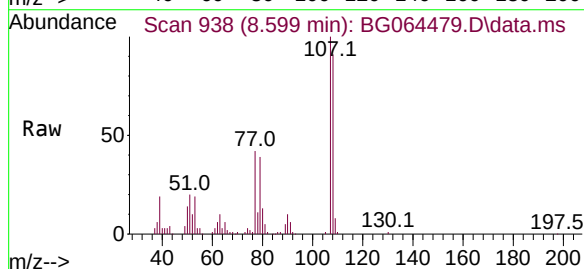
Ion Ratio Lower Upper

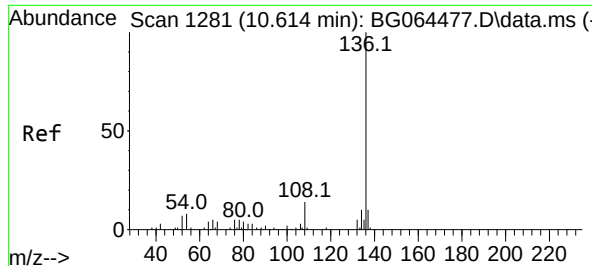
107 100

108 90.8 62.1 102.1

77 42.1 23.5 63.5

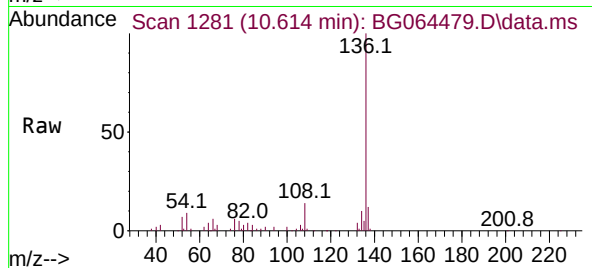
79 38.7 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

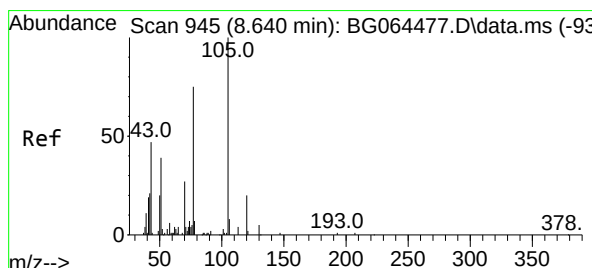
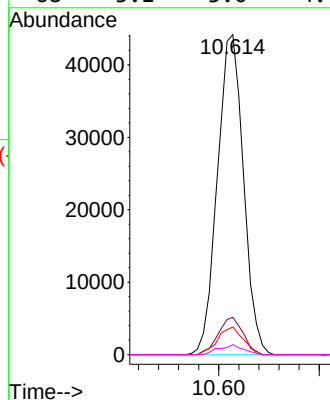
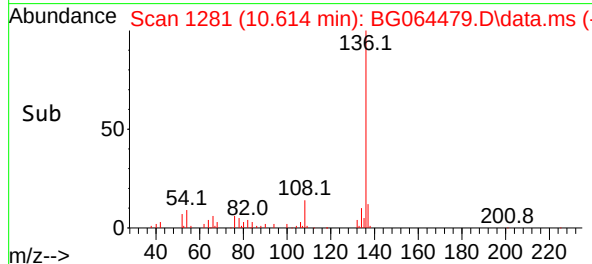
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 79713
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 8.6 6.2 9.4
68 3.1 3.0 4.4

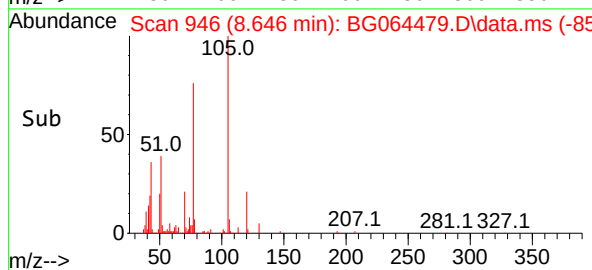
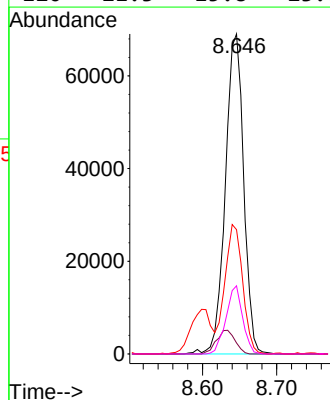
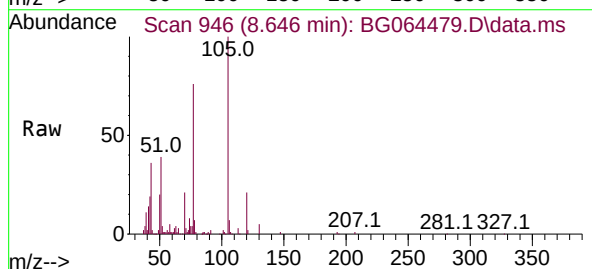
Manual Integrations
APPROVED

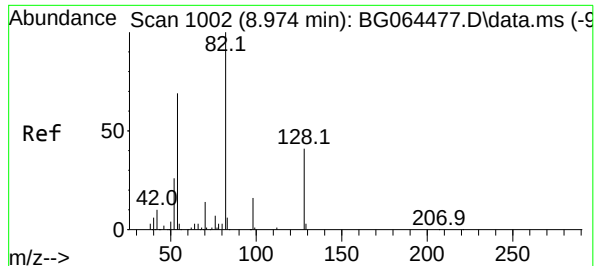
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 61.322 ng
RT: 8.646 min Scan# 946
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:105 Resp: 118355
Ion Ratio Lower Upper
105 100
71 3.5 2.8 4.2
51 38.8 33.0 49.4
120 21.3 15.8 23.6





#23

Nitrobenzene-d5

Concen: 122.779 ng

RT: 8.981 min Scan# 1003

Delta R.T. 0.014 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

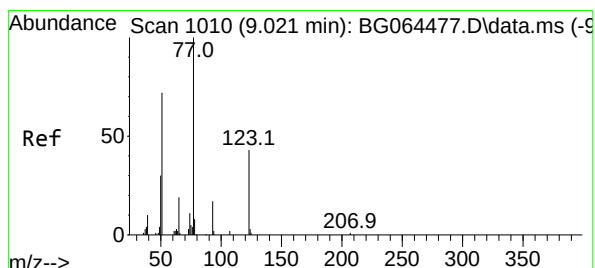
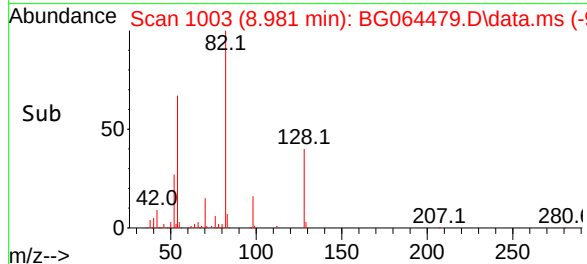
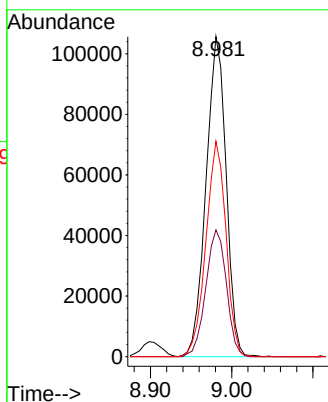
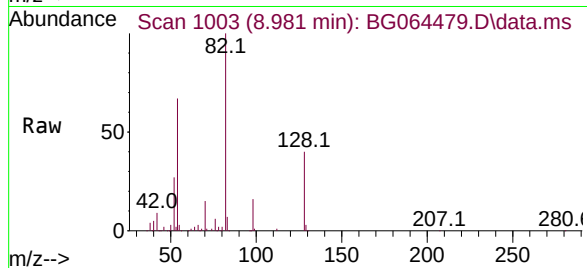
SSTDICC060

Tgt Ion:	82	Resp:	18201
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.1	49.7
54	67.3	55.4	83.2

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 60.977 ng

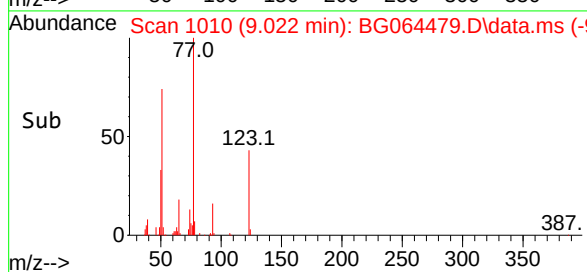
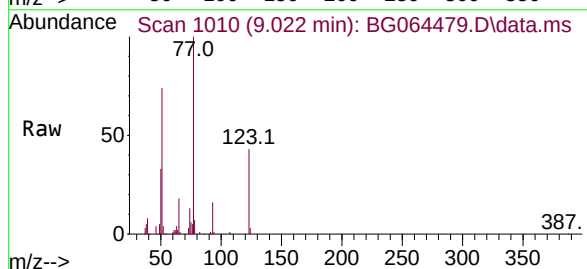
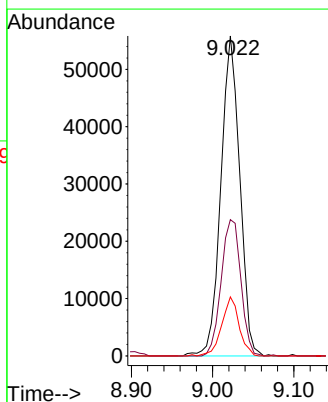
RT: 9.022 min Scan# 1010

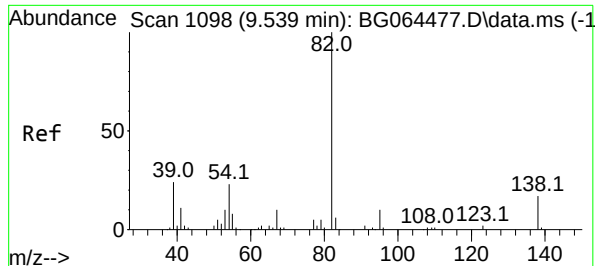
Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Tgt Ion:	77	Resp:	90145
Ion	Ratio	Lower	Upper
77	100		
123	42.6	34.4	51.6
65	18.4	14.8	22.2





#25

Isophorone

Concen: 61.043 ng

RT: 9.545 min Scan# 1099

Delta R.T. 0.014 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

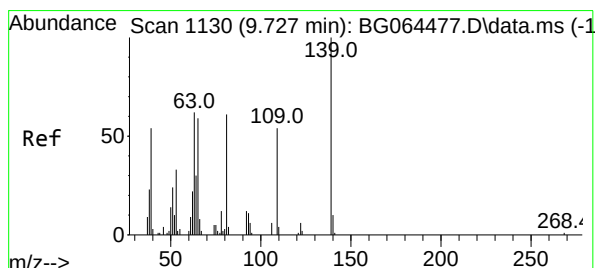
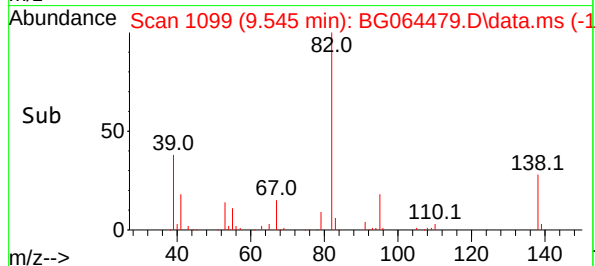
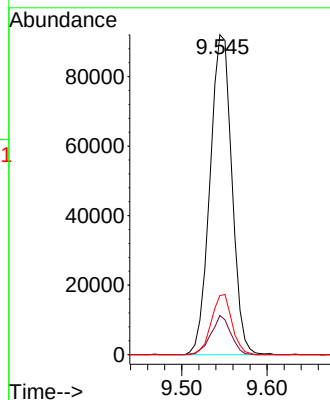
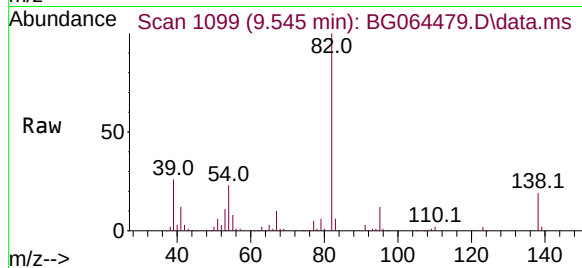
Tgt Ion:	82	Resp:	16394
Ion Ratio	Lower	Upper	
82	100		
95	12.2	7.8	11.8
138	18.5	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 61.140 ng

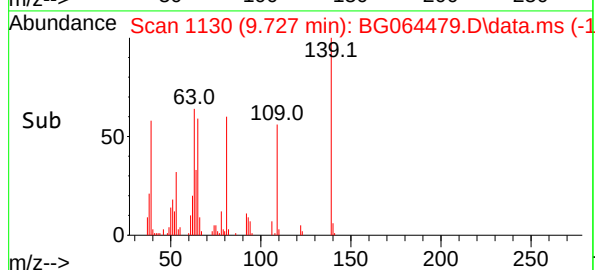
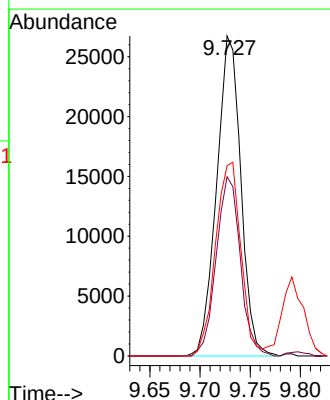
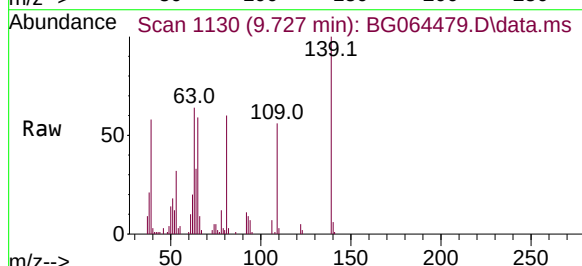
RT: 9.727 min Scan# 1130

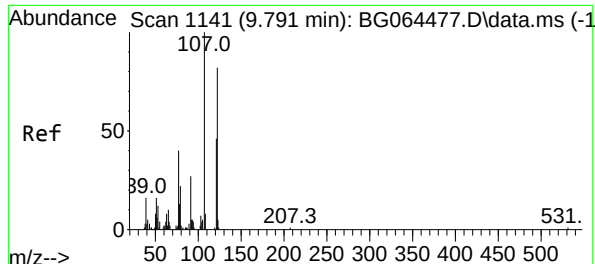
Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Tgt Ion:	139	Resp:	44985
Ion Ratio	Lower	Upper	
139	100		
109	56.0	43.0	64.6
65	59.4	47.4	71.2





#27

2,4-Dimethylphenol

Concen: 63.308 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.009 min

Lab File: BG064479.D

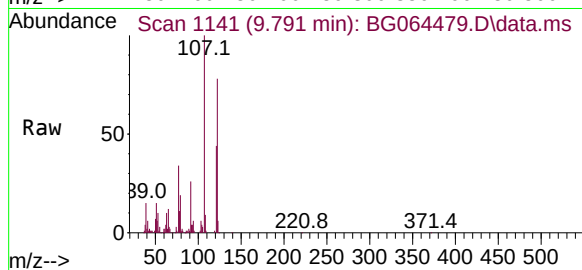
Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



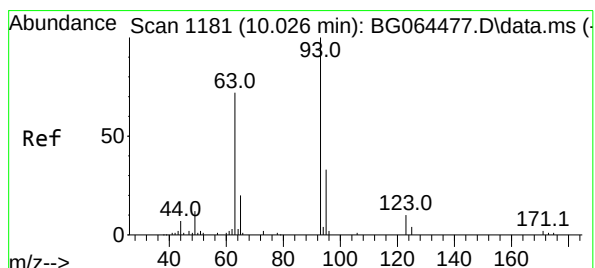
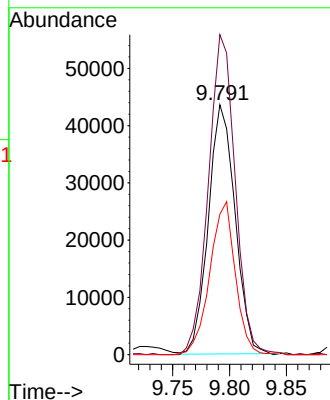
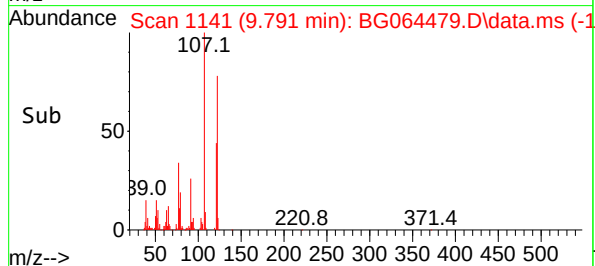
Tgt Ion:	122	Resp:	71145
Ion	Ratio	Lower	Upper
122	100		
107	128.1	98.3	147.5
121	56.2	44.7	67.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

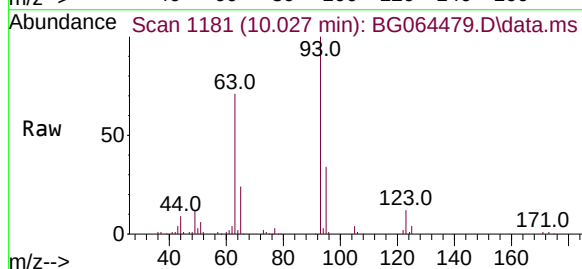
Concen: 61.433 ng

RT: 10.027 min Scan# 1181

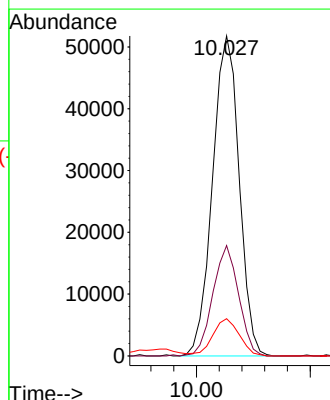
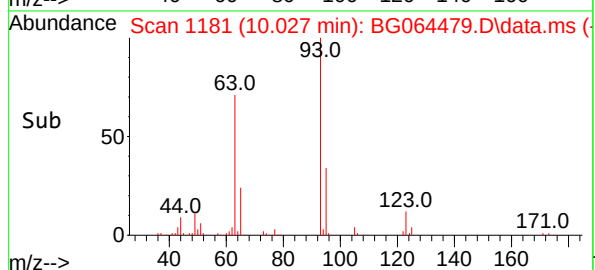
Delta R.T. 0.009 min

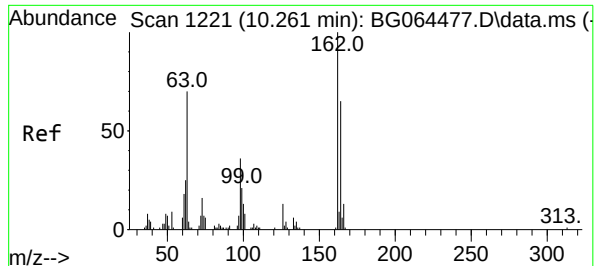
Lab File: BG064479.D

Acq: 2 Oct 2025 13:35



Tgt Ion:	93	Resp:	84101
Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.5	39.7
123	11.6	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 61.860 ng

RT: 10.262 min Scan# 1221

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

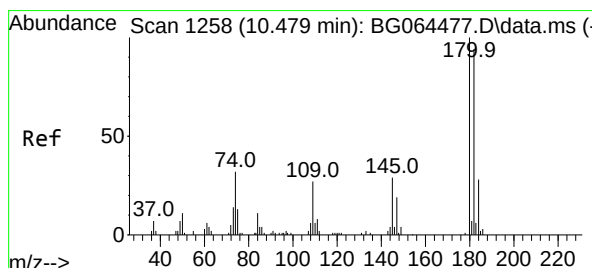
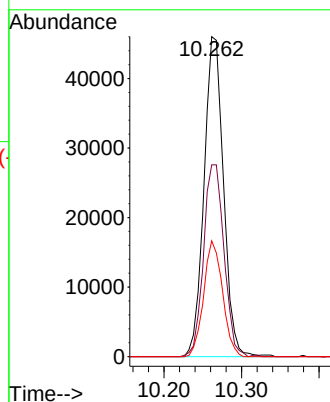
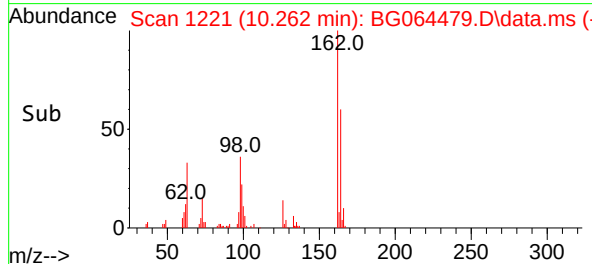
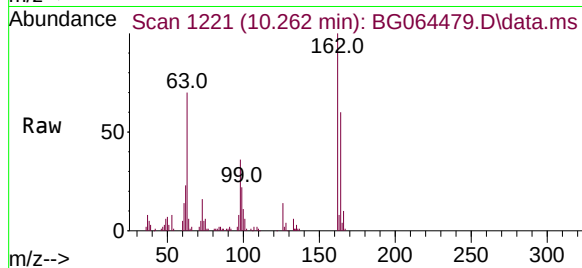
SSTDICC060

Tgt Ion:162	Resp:	80390
Ion Ratio	Lower	Upper
162	100	
164	59.9	45.4 85.4
98	36.2	16.4 56.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 58.922 ng

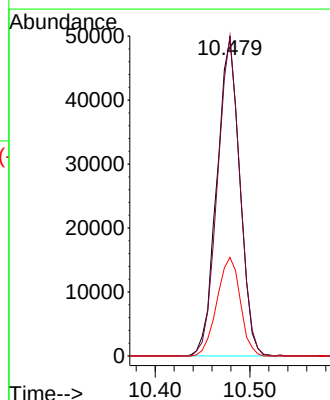
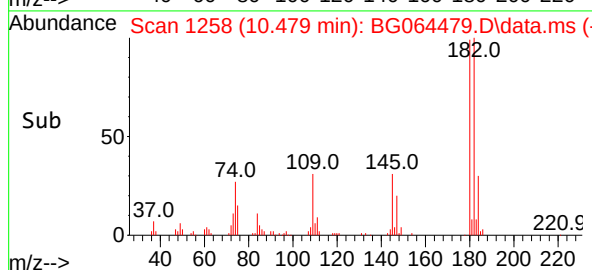
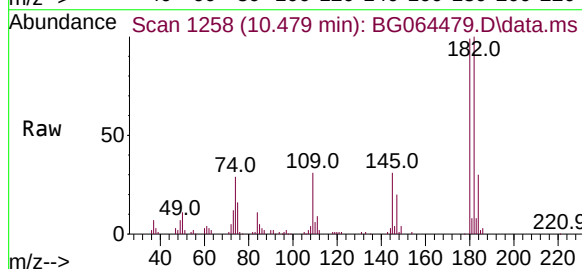
RT: 10.479 min Scan# 1258

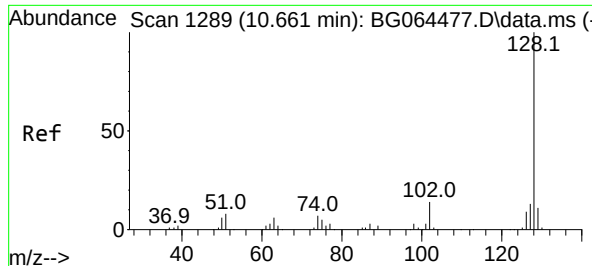
Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

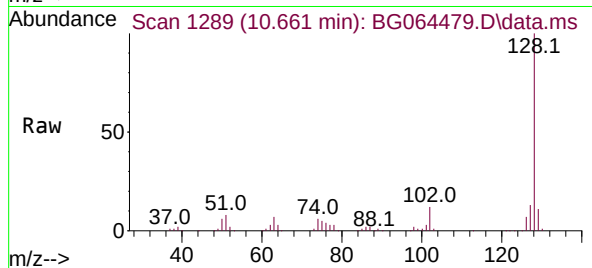
Tgt Ion:180	Resp:	83491
Ion Ratio	Lower	Upper
180	100	
182	101.0	75.4 113.2
145	31.1	23.2 34.8





#31
Naphthalene
Concen: 60.652 ng
RT: 10.661 min Scan# 1172
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

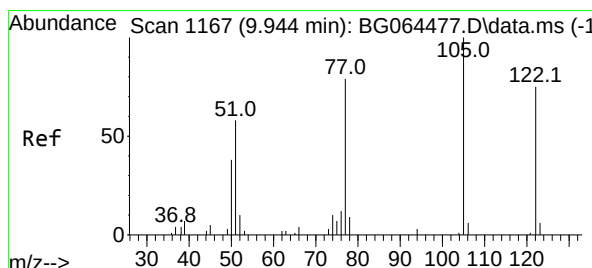
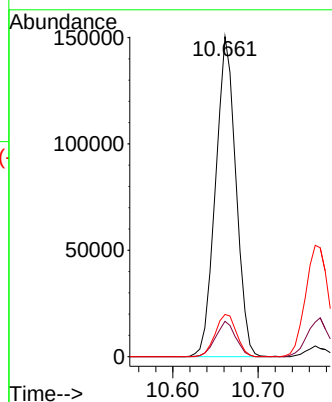
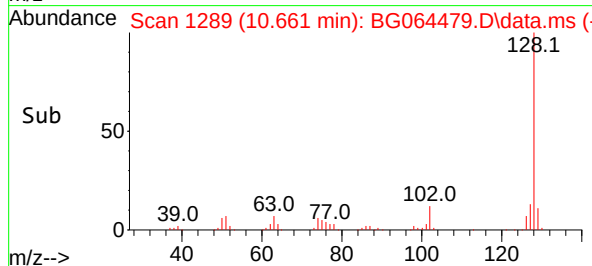
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



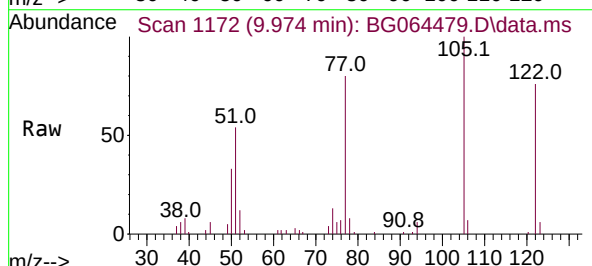
Tgt Ion:128 Resp: 248965
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.2 15.2

Manual Integrations
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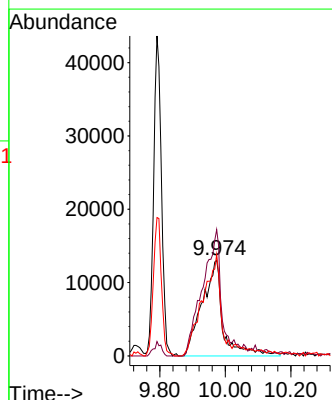
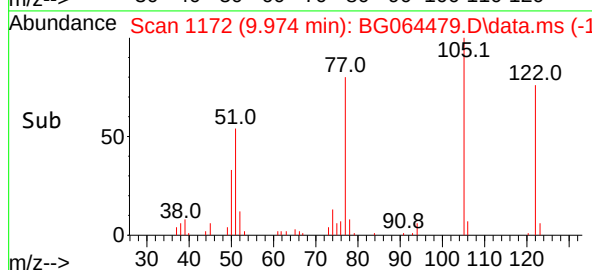
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

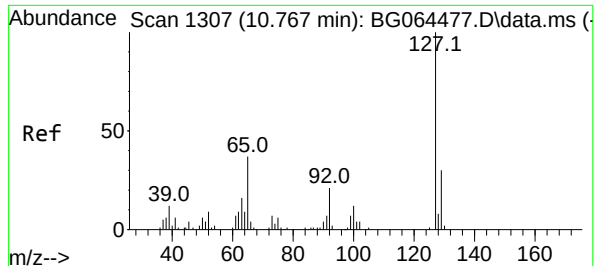


#32
Benzoic acid
Concen: 66.902 ng m
RT: 9.974 min Scan# 1172
Delta R.T. 0.085 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



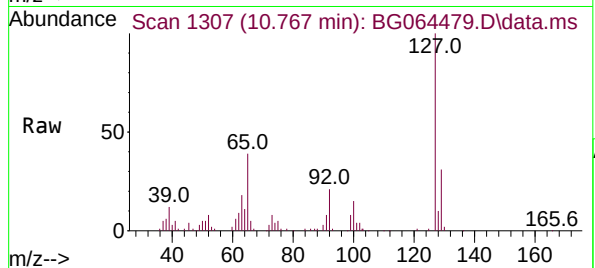
Tgt Ion:122 Resp: 57724
Ion Ratio Lower Upper
122 100
105 132.1 113.9 153.9
77 106.1 86.1 126.1





#33
4-Chloroaniline
Concen: 61.625 ng
RT: 10.767 min Scan# 1307
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

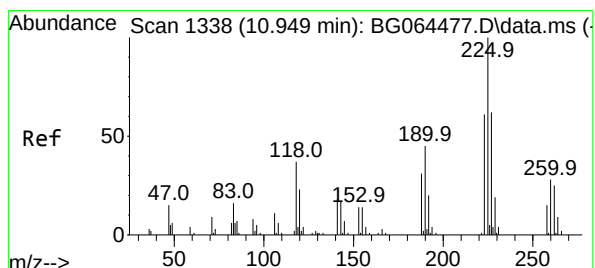
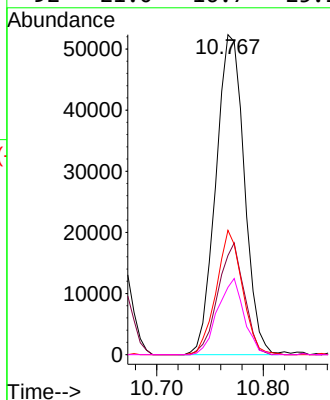
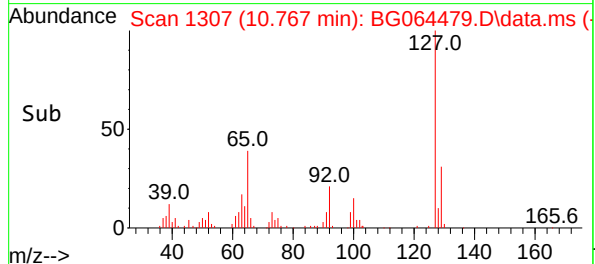
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 97069
Ion Ratio Lower Upper
127 100
129 31.0 24.2 36.4
65 38.8 29.6 44.4
92 21.0 16.7 25.1

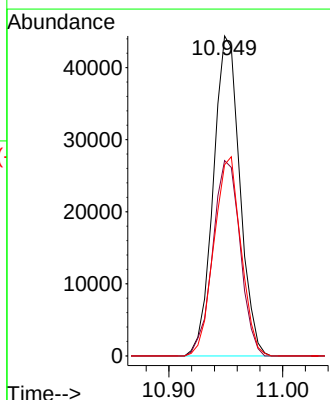
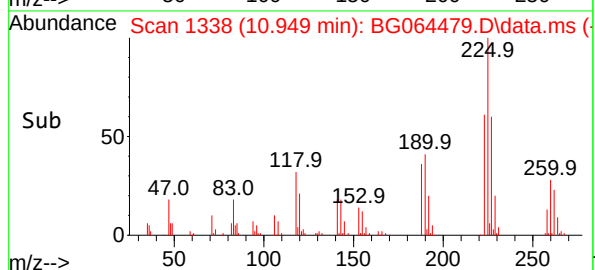
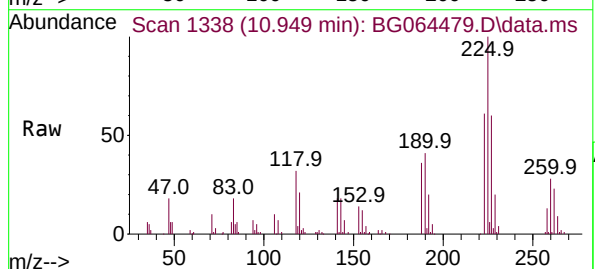
Manual Integrations
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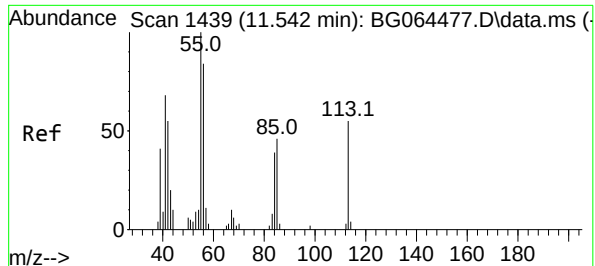
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 59.141 ng
RT: 10.949 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:225 Resp: 71767
Ion Ratio Lower Upper
225 100
223 61.0 49.0 73.6
227 59.7 49.9 74.9





#35

Caprolactam

Concen: 59.294 ng

RT: 11.554 min Scan# 14

Delta R.T. 0.044 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 26379

Ion Ratio Lower Upper

113 100

55 171.8 162.0 202.0

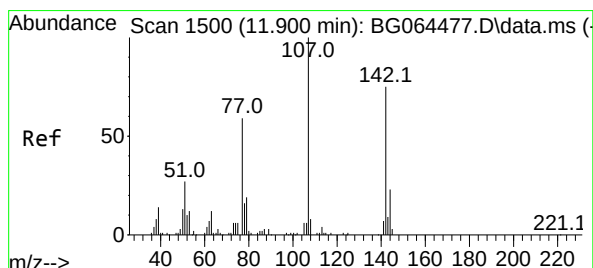
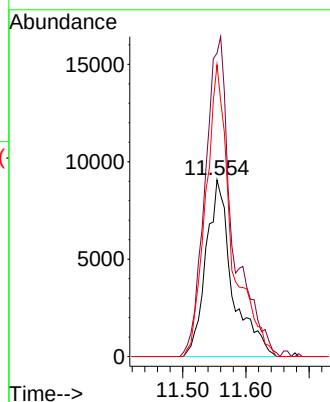
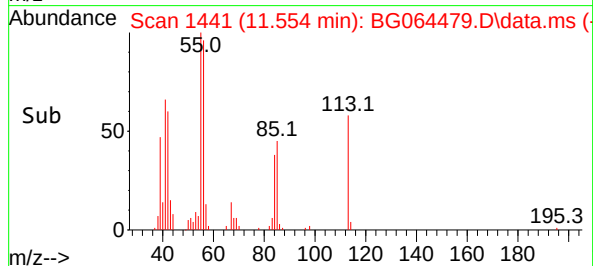
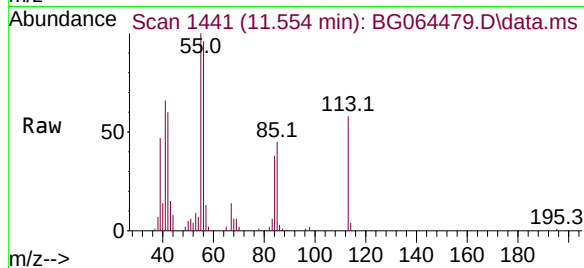
56 165.2 134.6 174.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#36

4-Chloro-3-methylphenol

Concen: 61.261 ng

RT: 11.901 min Scan# 1500

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

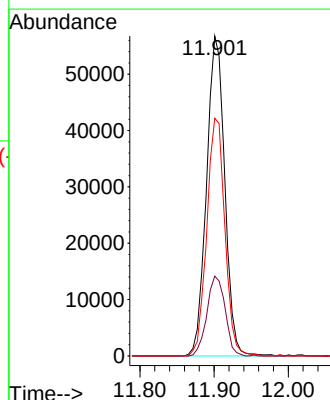
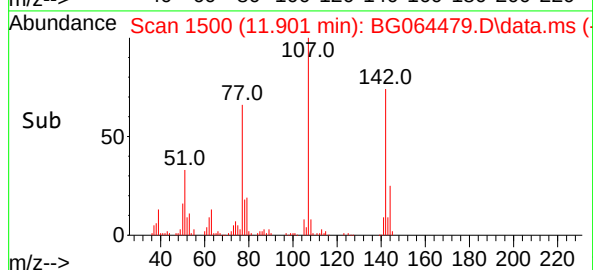
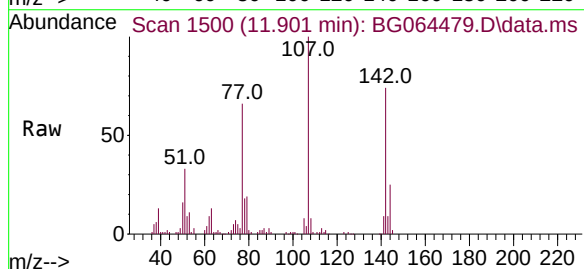
Tgt Ion:107 Resp: 96815

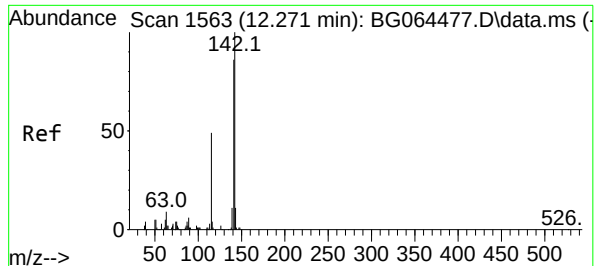
Ion Ratio Lower Upper

107 100

144 24.9 18.7 28.1

142 74.3 60.2 90.2





#37
2-Methylnaphthalene
Concen: 60.616 ng
RT: 12.271 min Scan# 1563
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

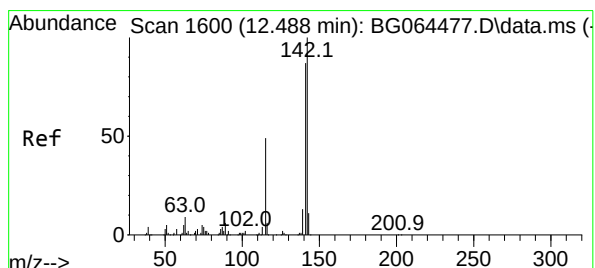
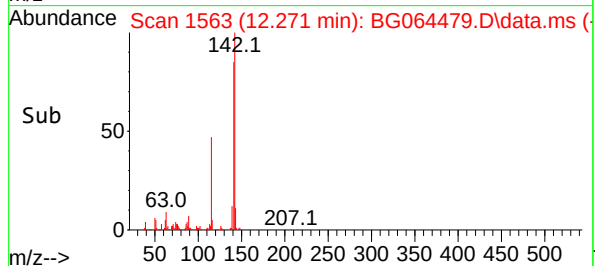
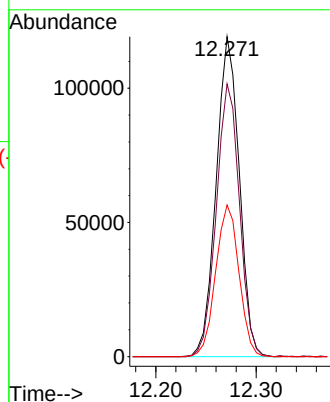
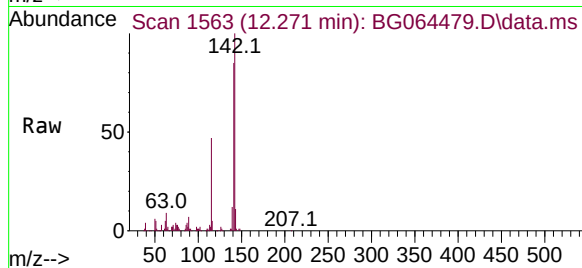
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.7	103.1
115	47.4	39.3	58.9

Manual Integrations
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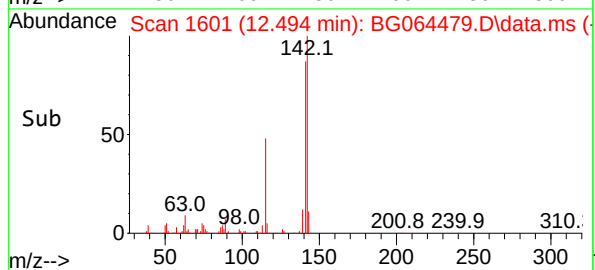
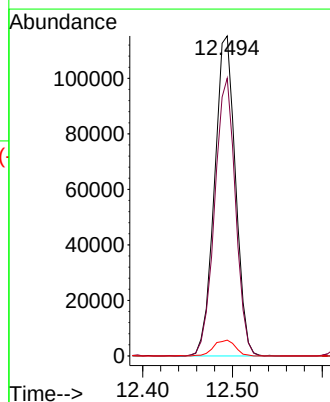
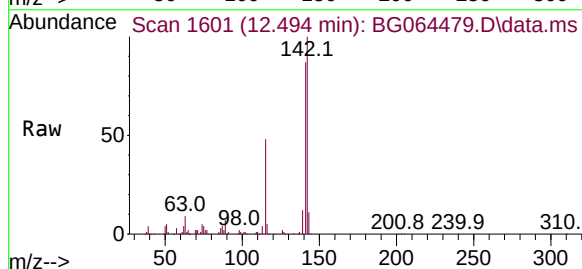
Reviewed By :Rahul Chavli 10/03/2025

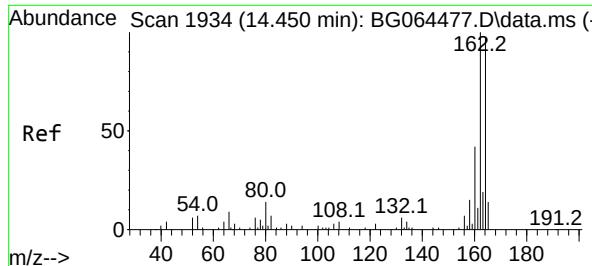
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 59.679 ng
RT: 12.494 min Scan# 1601
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.8
116	4.9	4.6	6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1934

Delta R.T. 0.003 min

Lab File: BG064479.D

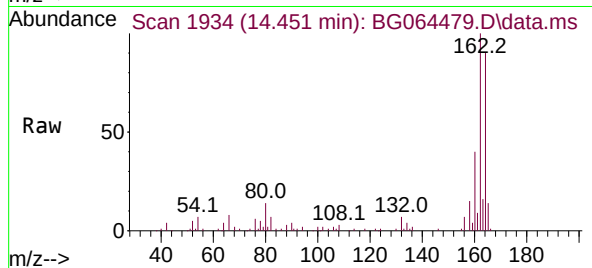
Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

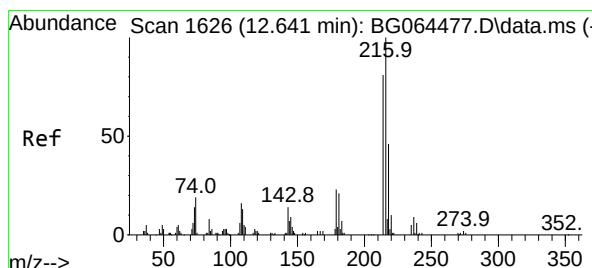
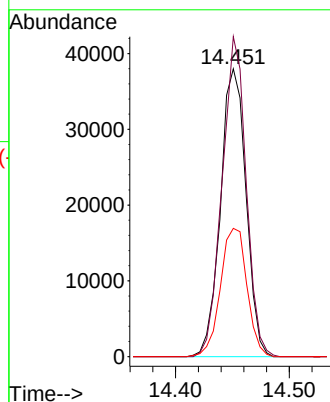
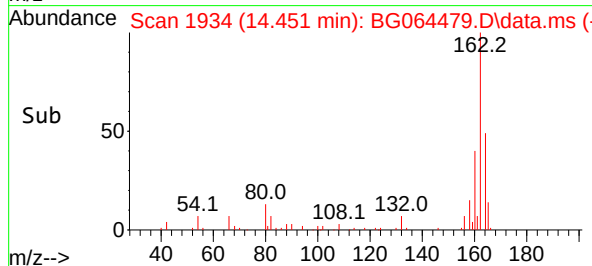


Tgt Ion:	164	Resp:	5922
Ion Ratio	Lower	Upper	
164	100		
162	111.2	82.2	123.2
160	44.6	34.3	51.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

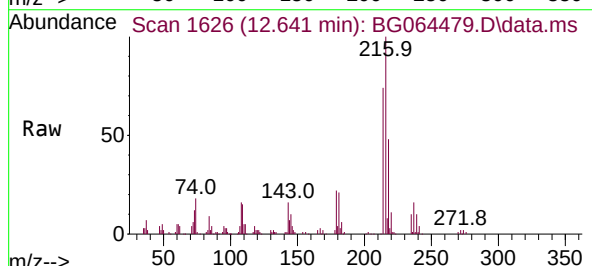
Concen: 63.034 ng

RT: 12.641 min Scan# 1626

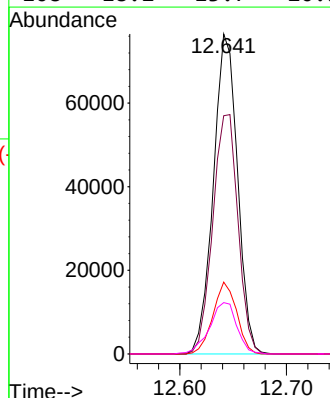
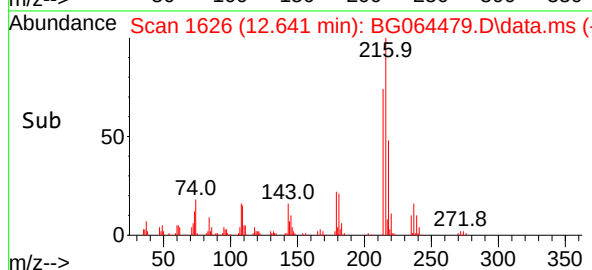
Delta R.T. 0.003 min

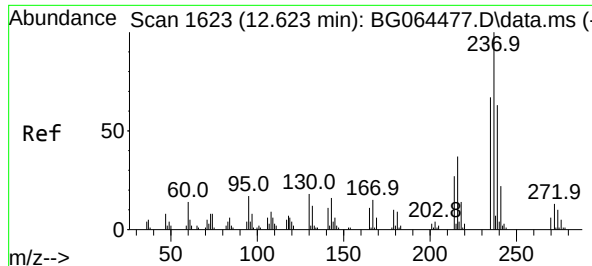
Lab File: BG064479.D

Acq: 2 Oct 2025 13:35



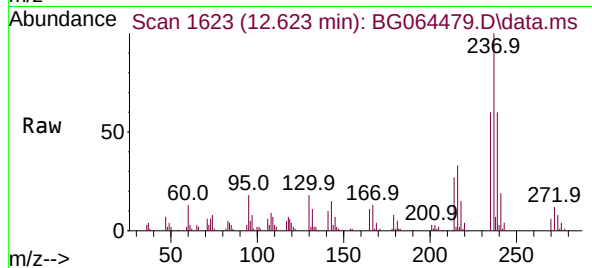
Tgt Ion:	216	Resp:	120531
Ion Ratio	Lower	Upper	
216	100		
214	78.0	62.5	93.7
179	22.0	17.0	25.6
108	18.2	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 67.119 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

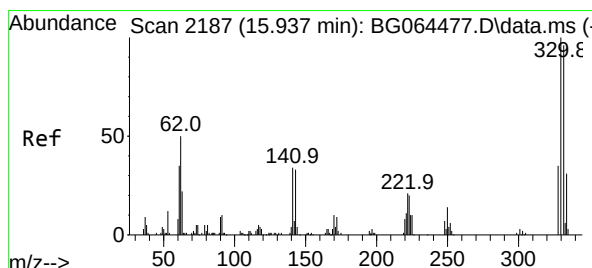
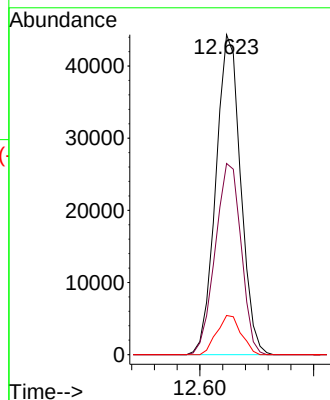
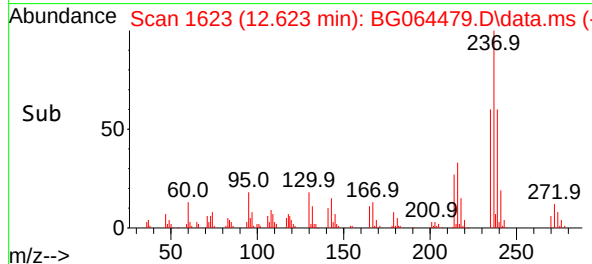
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



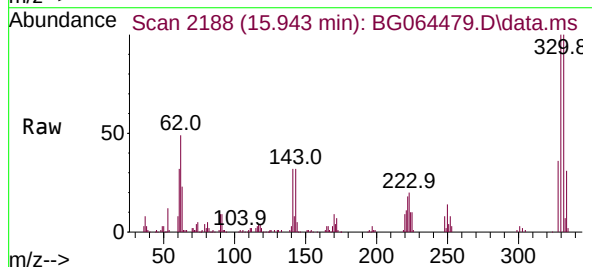
Tgt Ion: 237 Resp: 67135
Ion Ratio Lower Upper
237 100
235 59.7 46.9 86.9
272 12.2 0.0 32.6

Manual Integrations
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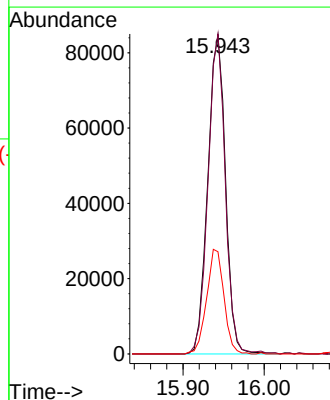
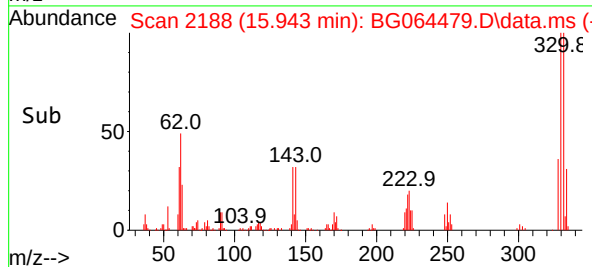
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

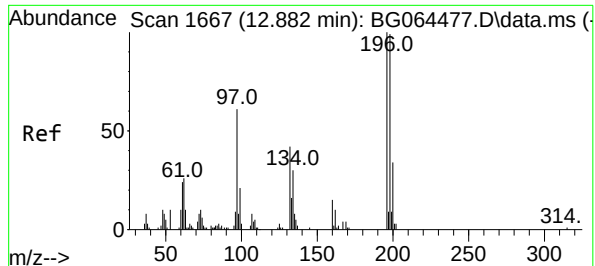


#42
2,4,6-Tribromophenol
Concen: 119.659 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



Tgt Ion: 330 Resp: 128452
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 32.1 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 63.395 ng

RT: 12.888 min Scan# 1667

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

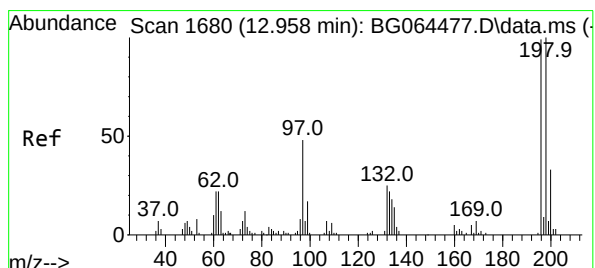
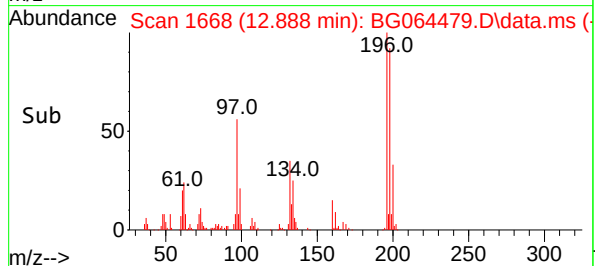
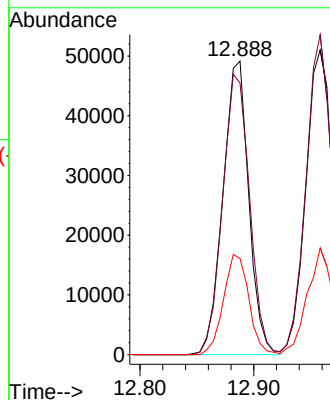
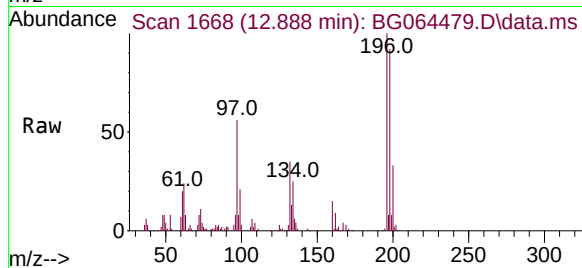
Tgt Ion:	196	Resp:	77492
Ion Ratio	Lower	Upper	
196	100		
198	92.4	79.3	118.9
200	32.7	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 61.556 ng

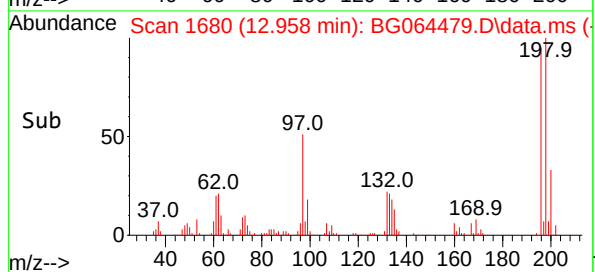
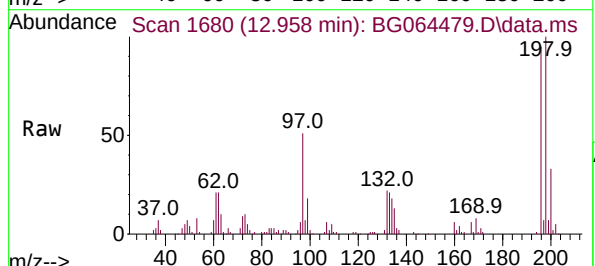
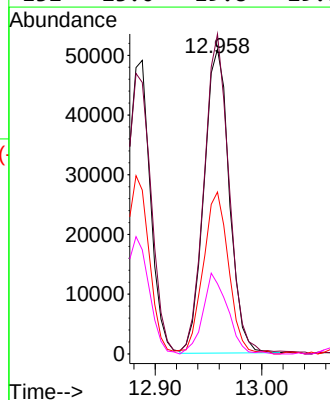
RT: 12.958 min Scan# 1680

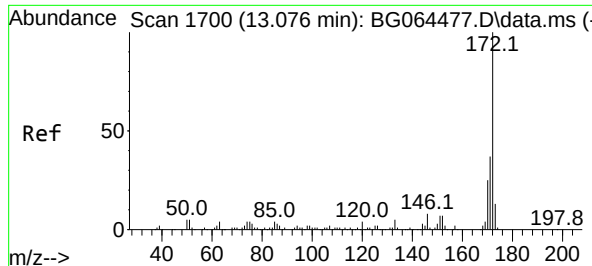
Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

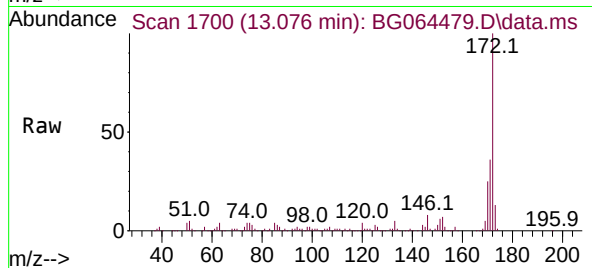
Tgt Ion:	196	Resp:	84004
Ion Ratio	Lower	Upper	
196	100		
198	105.0	80.3	120.5
97	53.1	39.4	59.0
132	23.0	19.8	29.8





#45
2-Fluorobiphenyl
Concen: 122.847 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

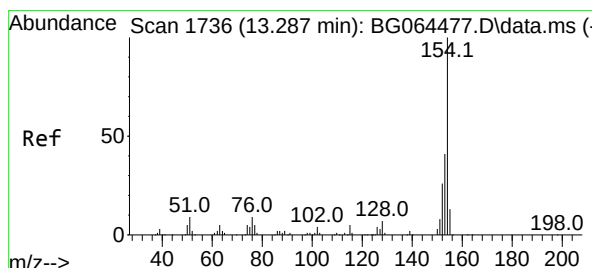
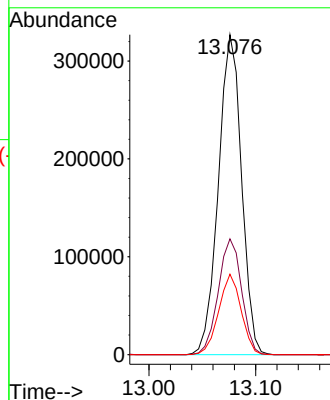
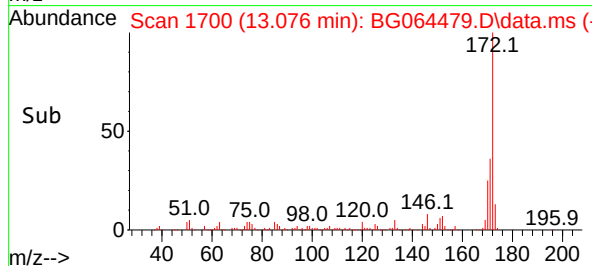
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



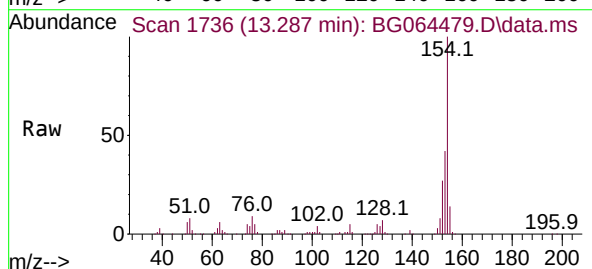
Tgt Ion:172 Resp: 493573
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.1 20.2 30.2

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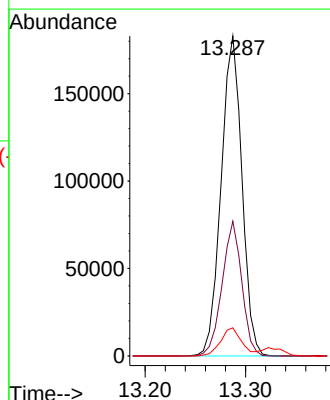
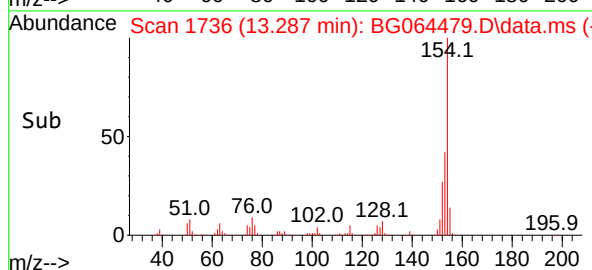
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

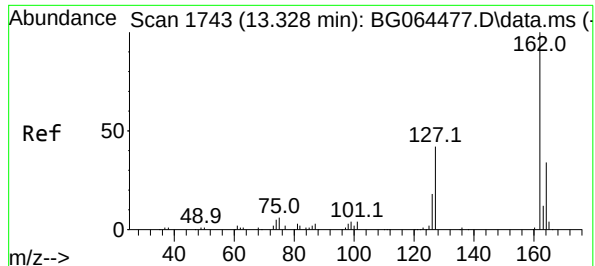


#46
1,1'-Biphenyl
Concen: 61.885 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



Tgt Ion:154 Resp: 263596
Ion Ratio Lower Upper
154 100
153 42.1 20.7 60.7
76 8.8 0.0 29.3





#47

2-Chloronaphthalene

Concen: 61.791 ng

RT: 13.329 min Scan# 1743

Delta R.T. 0.009 min

Lab File: BG064479.D

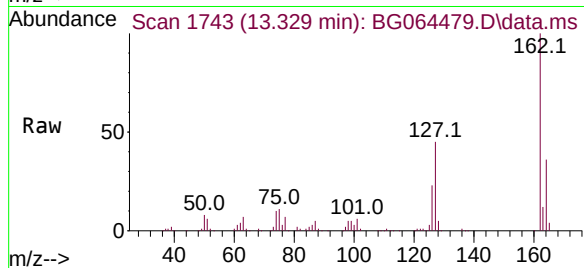
Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

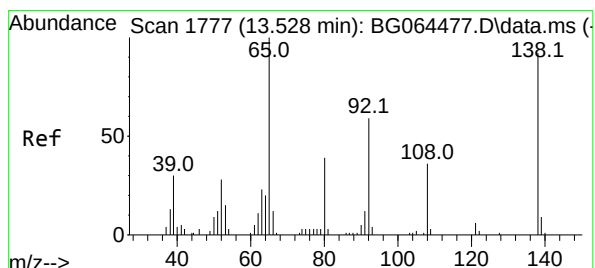
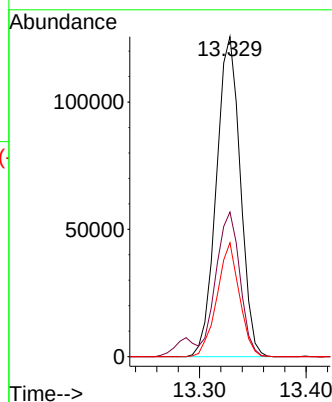
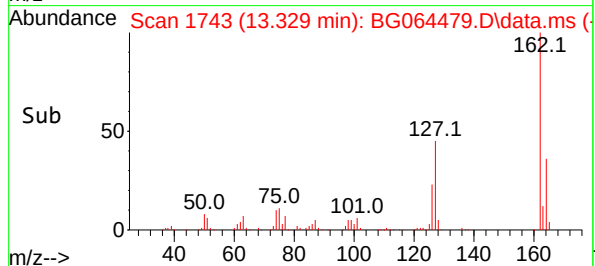


Tgt Ion:	162	Resp:	19650
Ion Ratio	Lower	Upper	
162	100		
127	45.2	35.8	53.8
164	35.6	27.2	40.8

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

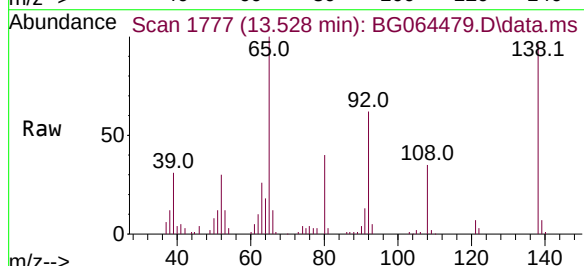
Concen: 63.078 ng

RT: 13.528 min Scan# 1777

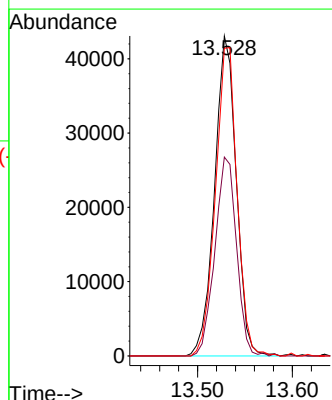
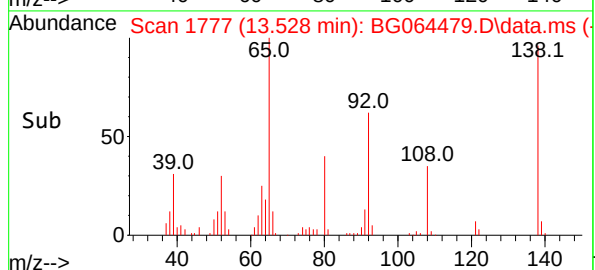
Delta R.T. 0.003 min

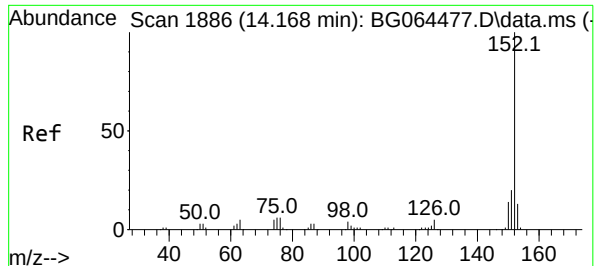
Lab File: BG064479.D

Acq: 2 Oct 2025 13:35



Tgt Ion:	65	Resp:	68465
Ion Ratio	Lower	Upper	
65	100		
92	62.1	47.0	70.6
138	96.1	73.5	110.3





#49

Acenaphthylene

Concen: 61.645 ng

RT: 14.175 min Scan# 1887

Delta R.T. 0.003 min

Lab File: BG064479.D

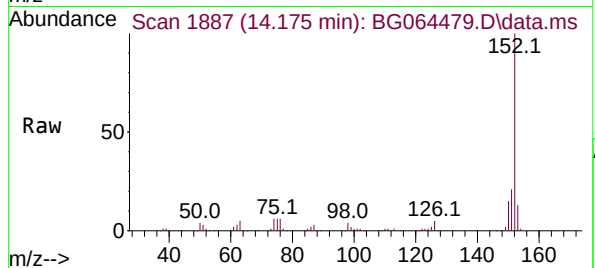
Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



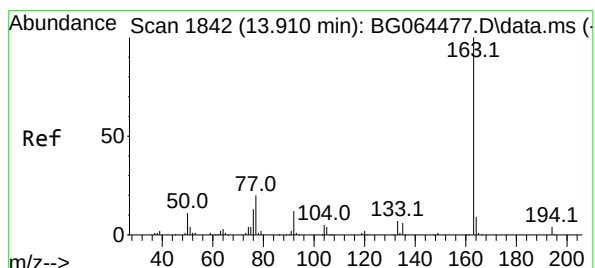
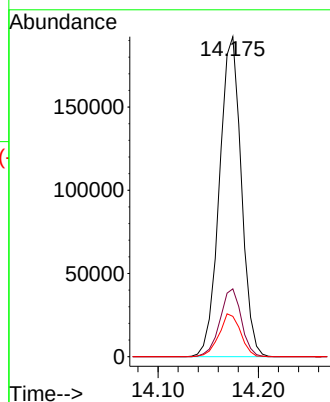
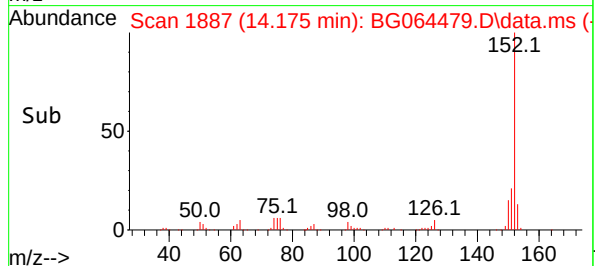
Tgt Ion:	152	Resp:	291016
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.8	23.6
153	12.6	10.6	15.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

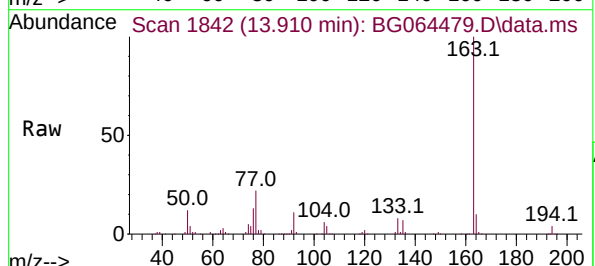
Concen: 60.755 ng

RT: 13.910 min Scan# 1842

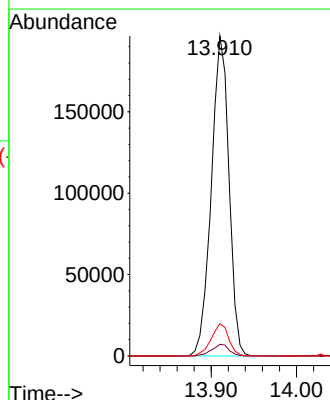
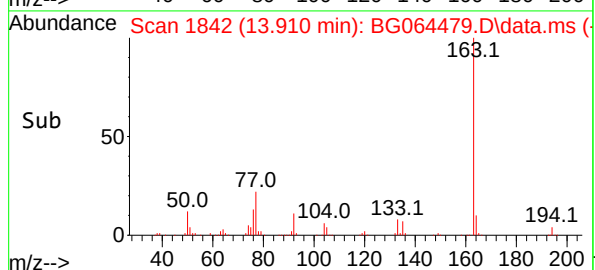
Delta R.T. 0.009 min

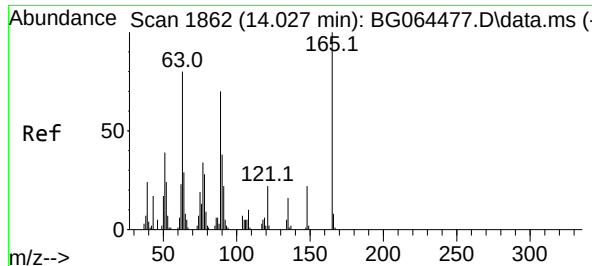
Lab File: BG064479.D

Acq: 2 Oct 2025 13:35



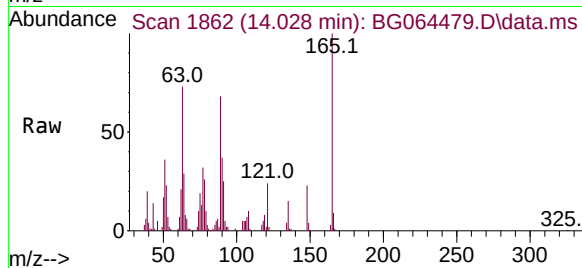
Tgt Ion:	163	Resp:	281798
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.1	7.4	11.0





#51
2,6-Dinitrotoluene
Concen: 63.363 ng
RT: 14.028 min Scan# 1862
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

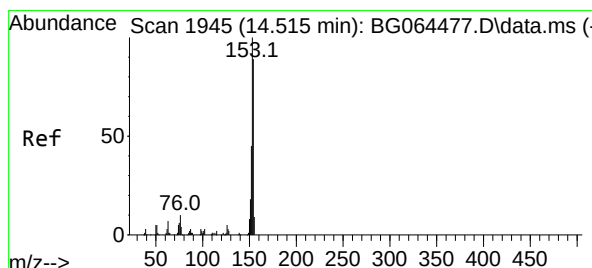
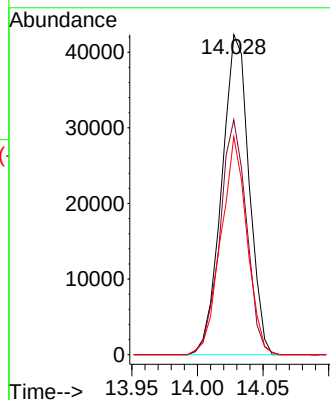
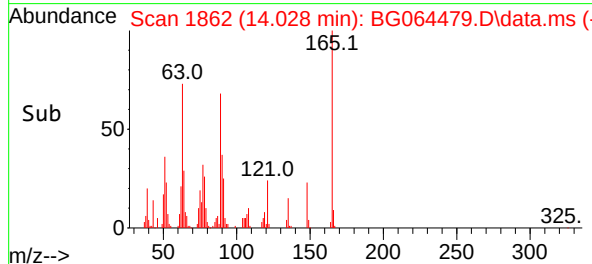
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 61222
Ion Ratio Lower Upper
165 100
63 73.4 63.9 95.9
89 68.1 56.1 84.1

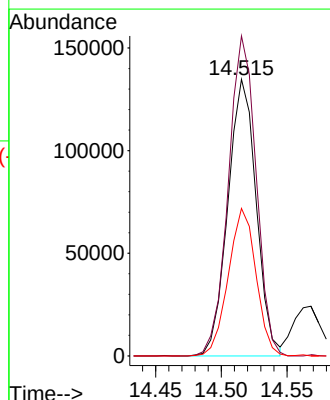
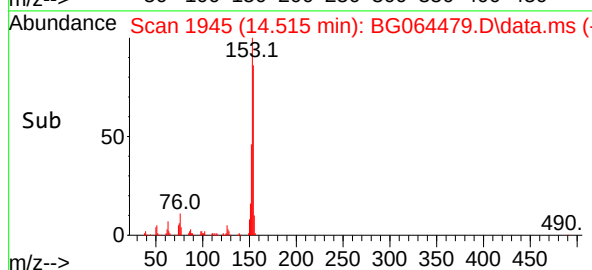
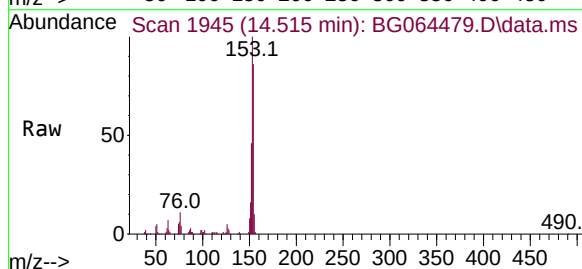
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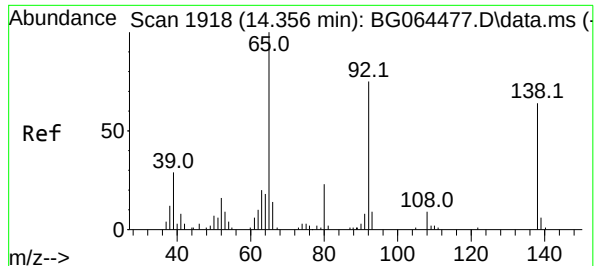
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 61.643 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

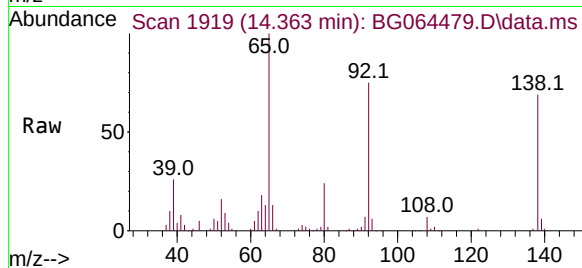
Tgt Ion:154 Resp: 202179
Ion Ratio Lower Upper
154 100
153 115.7 90.2 135.4
152 53.3 40.2 60.4





#53
3-Nitroaniline
Concen: 60.440 ng
RT: 14.363 min Scan# 1918
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

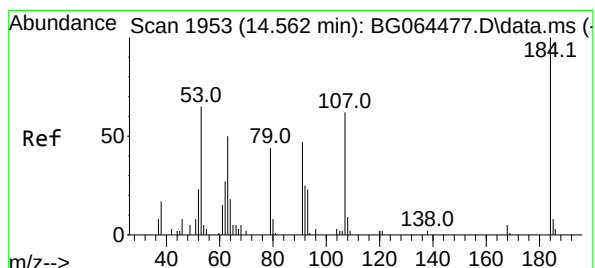
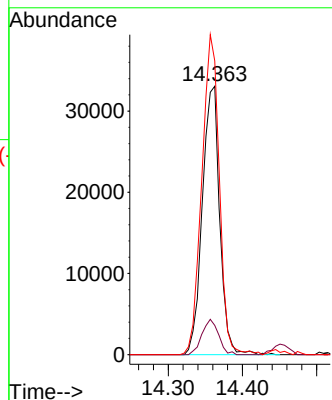
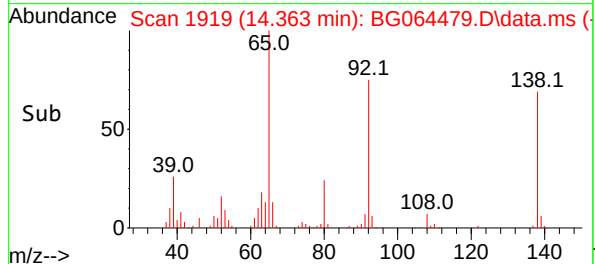
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 5385
Ion Ratio Lower Upper
138 100
108 10.9 10.6 15.8
92 109.4 93.2 139.8

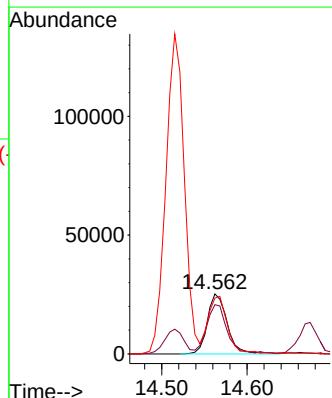
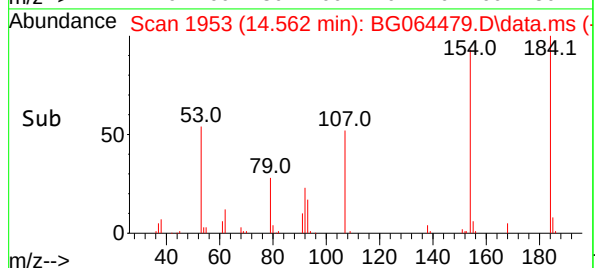
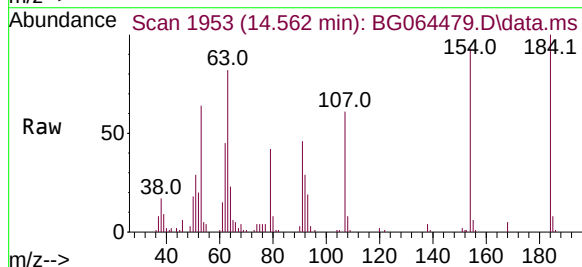
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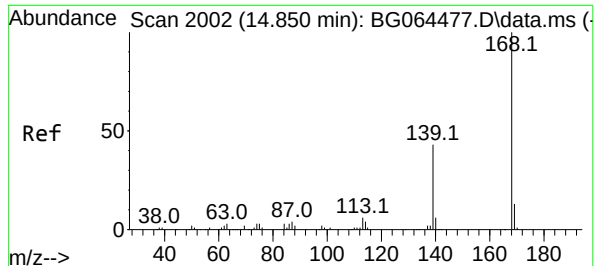
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 58.053 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:184 Resp: 40673
Ion Ratio Lower Upper
184 100
63 82.0 69.0 103.4
154 93.0 95.6 143.4#





#55

Dibenzofuran

Concen: 61.429 ng

RT: 14.850 min Scan# 2002

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 332668

Ion Ratio Lower Upper

168 100

139 43.7 34.0 51.0

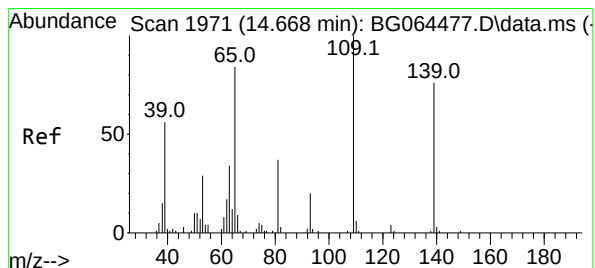
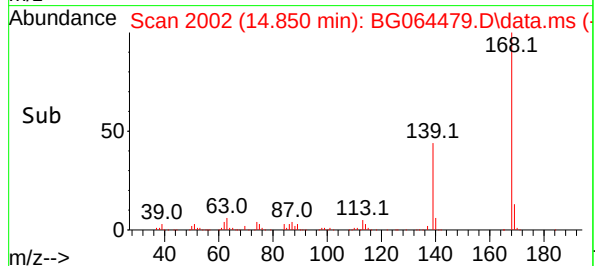
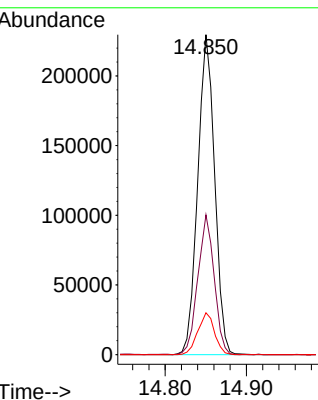
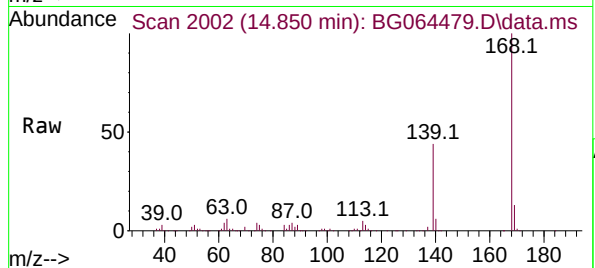
169 13.1 10.2 15.2

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#56

4-Nitrophenol

Concen: 64.107 ng

RT: 14.674 min Scan# 1972

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

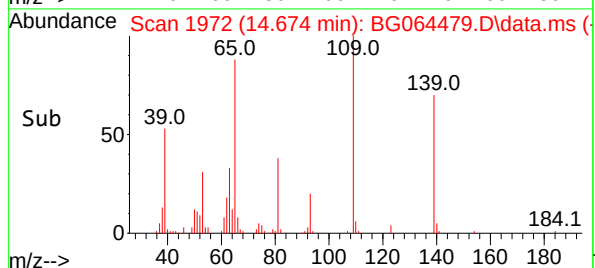
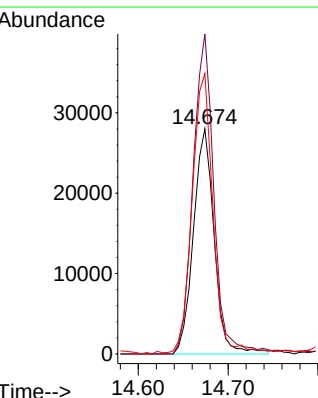
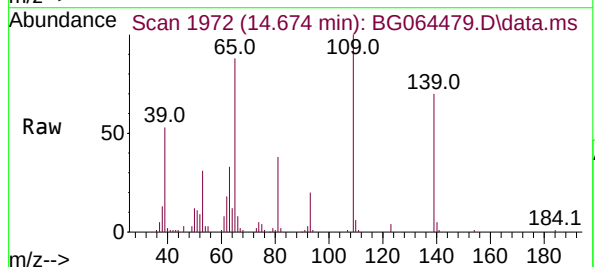
Tgt Ion:139 Resp: 44975

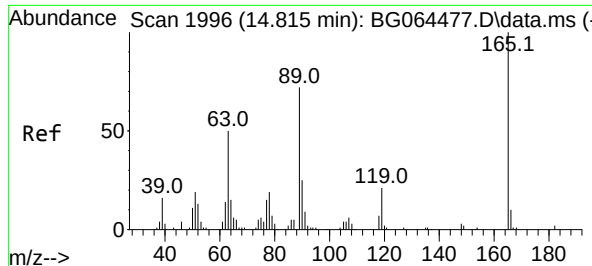
Ion Ratio Lower Upper

139 100

109 142.2 111.8 151.8

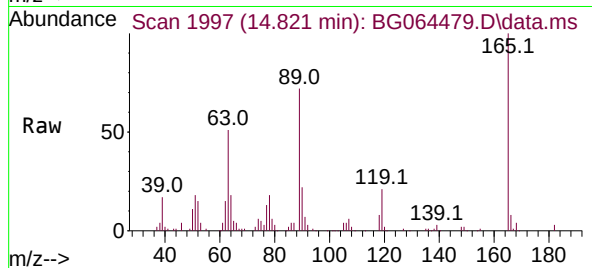
65 124.7 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 60.873 ng
RT: 14.821 min Scan# 1996
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

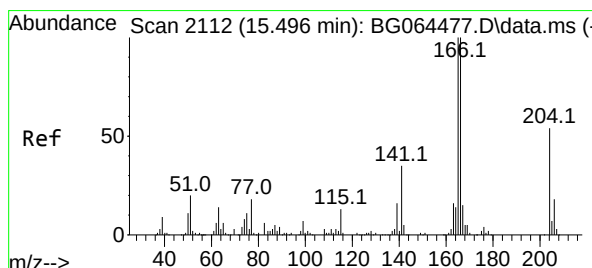
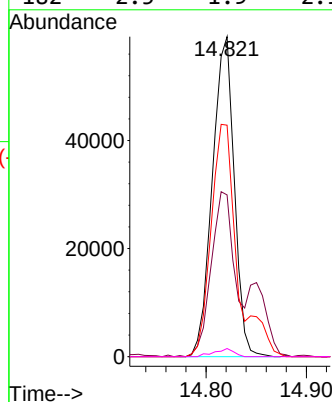
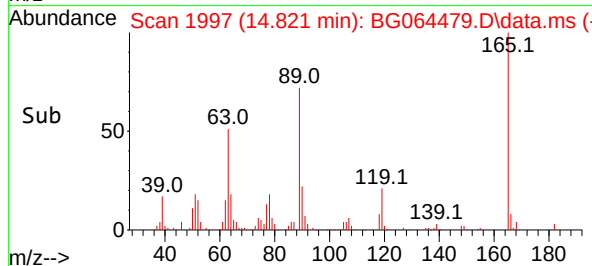
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 89912
Ion Ratio Lower Upper
165 100
63 50.5 40.4 60.6
89 72.3 57.3 85.9
182 2.5 1.9 2.9

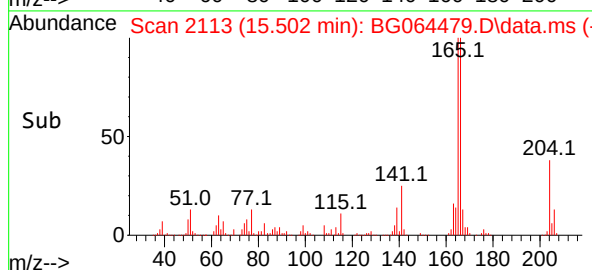
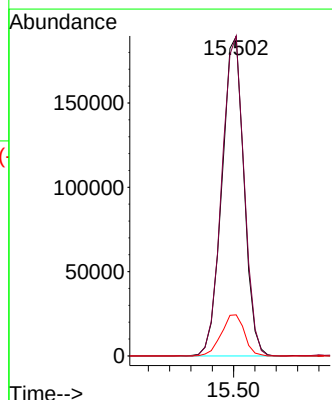
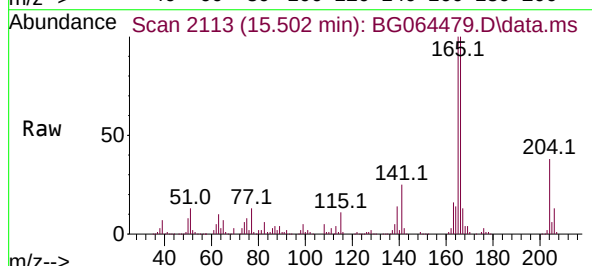
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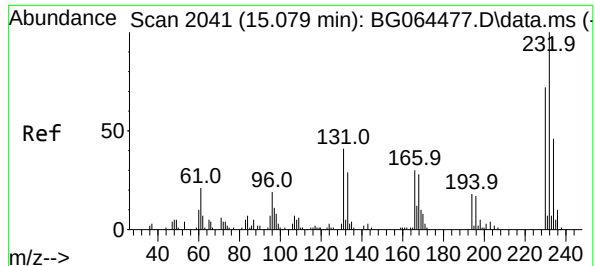
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 60.439 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

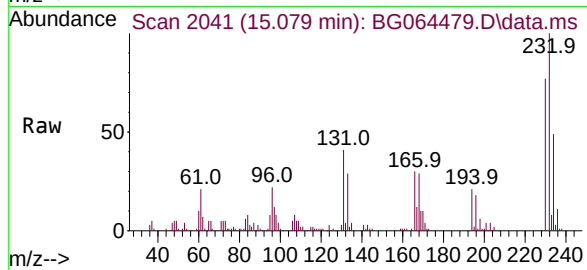
Tgt Ion:166 Resp: 272106
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.6
167 12.8 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.984 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

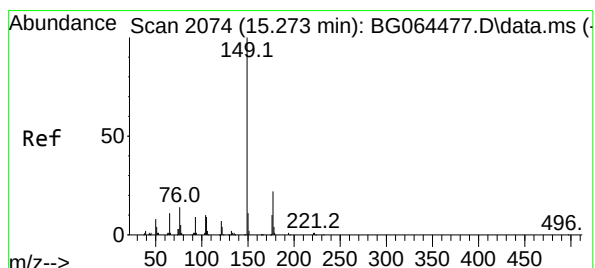
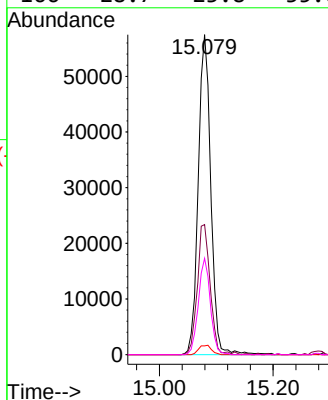
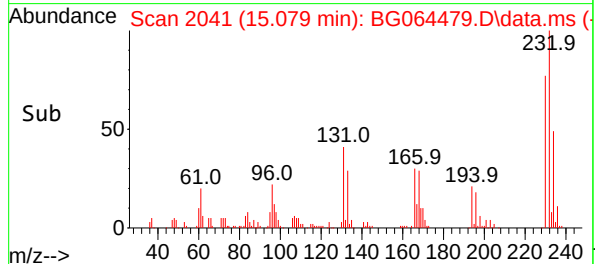
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



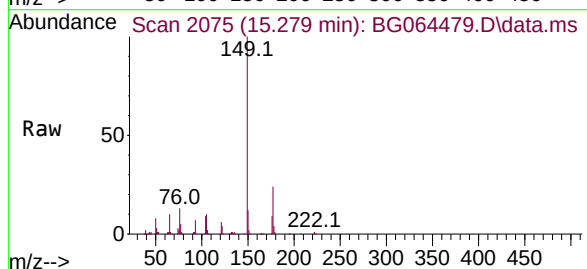
Tgt Ion:232 Resp: 87720
Ion Ratio Lower Upper
232 100
131 41.8 35.0 52.4
130 3.0 2.0 3.0
166 28.7 23.8 35.6

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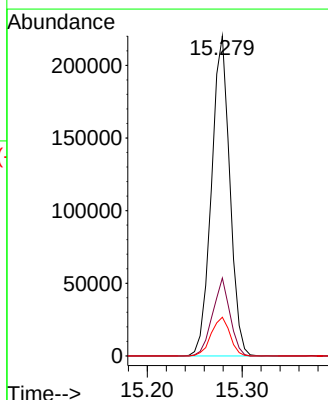
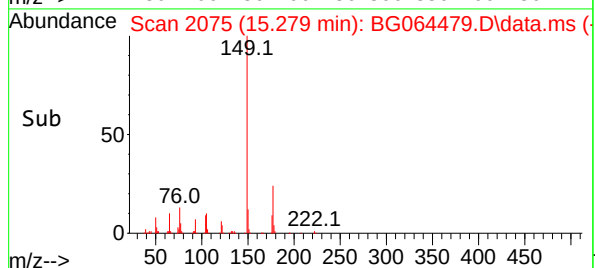
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

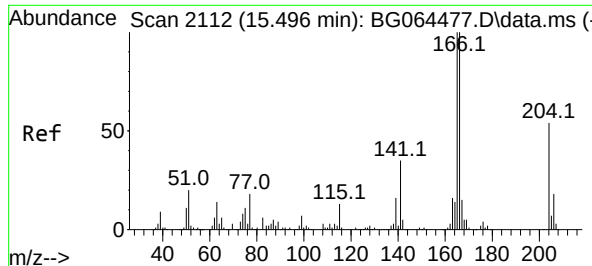


#60
Diethylphthalate
Concen: 59.367 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



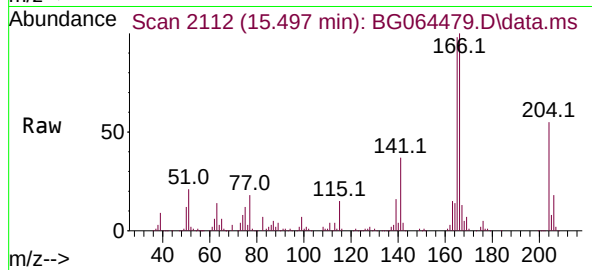
Tgt Ion:149 Resp: 295396
Ion Ratio Lower Upper
149 100
177 24.3 17.4 26.0
150 12.1 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 59.213 ng
RT: 15.497 min Scan# 2112
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

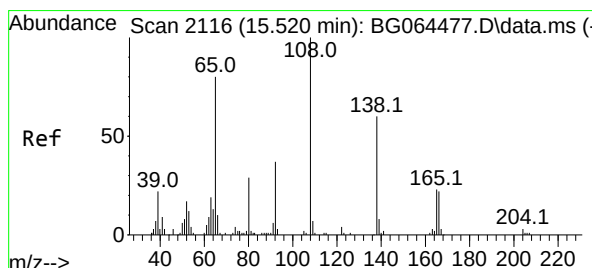
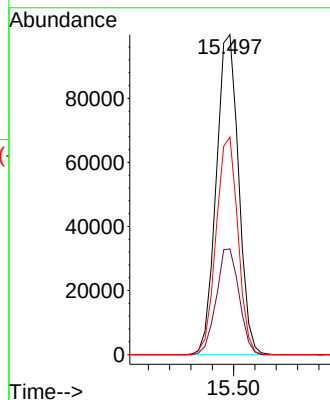
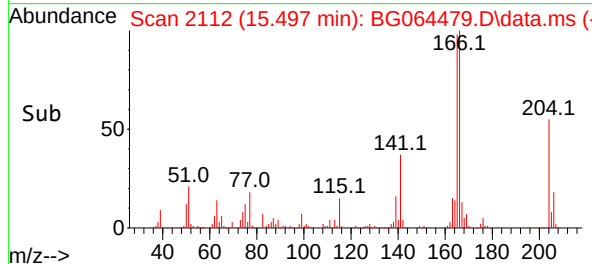
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 14554
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 68.0 51.5 77.3

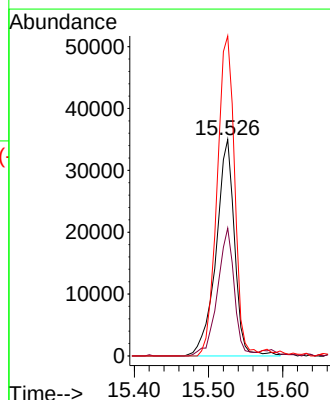
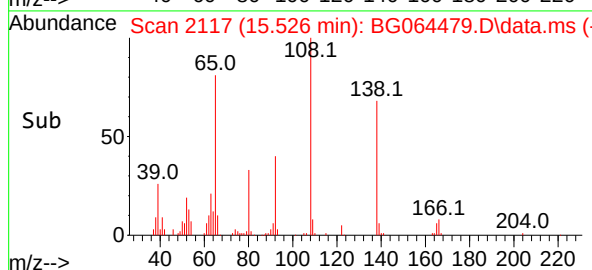
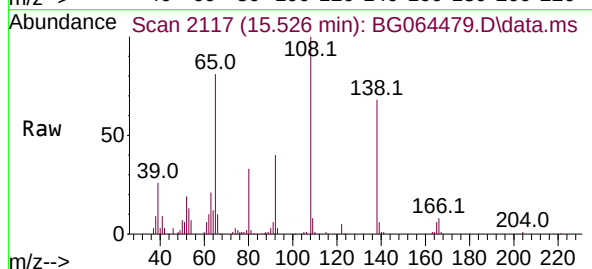
Manual Integrations
APPROVED

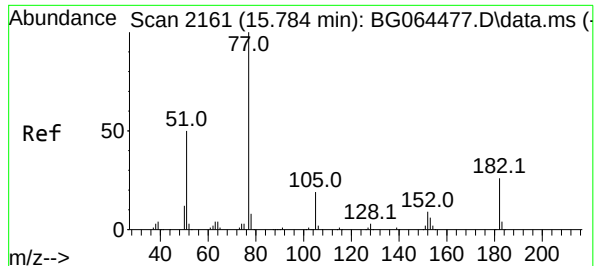
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 65.117 ng
RT: 15.526 min Scan# 2117
Delta R.T. 0.014 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

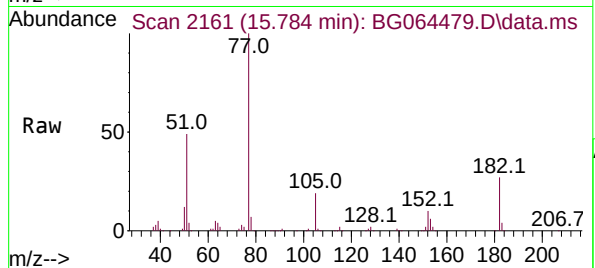
Tgt Ion:138 Resp: 60477
Ion Ratio Lower Upper
138 100
92 59.0 42.3 82.3
108 147.9 147.7 187.7





#63
Azobenzene
Concen: 59.443 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

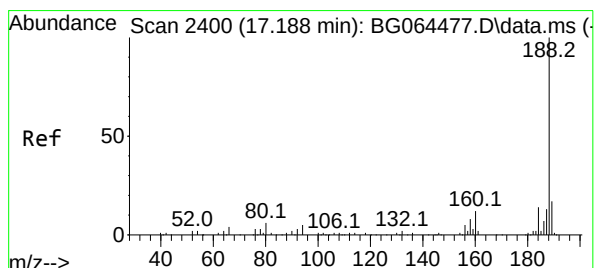
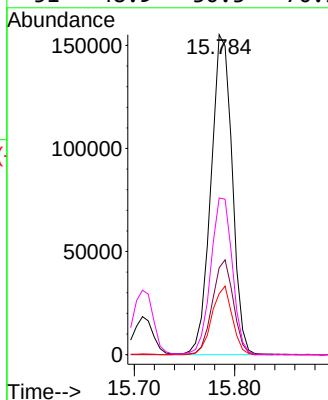
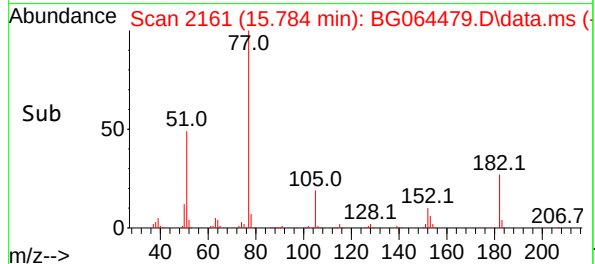
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



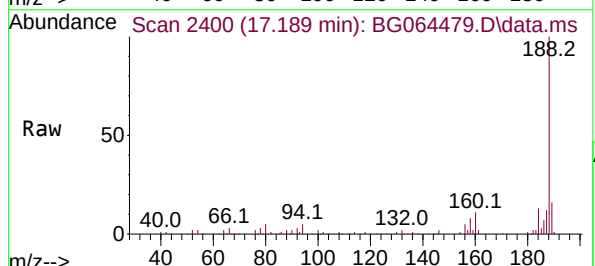
Tgt Ion: 77 Resp: 229063
Ion Ratio Lower Upper
77 100
182 27.1 6.3 46.3
105 19.0 0.0 38.7
51 48.9 30.3 70.3

Manual Integrations
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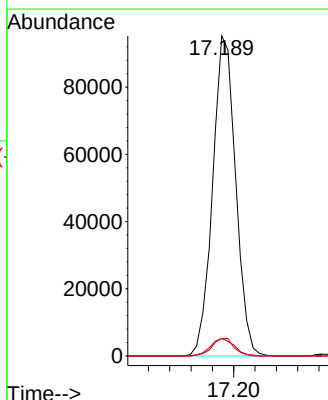
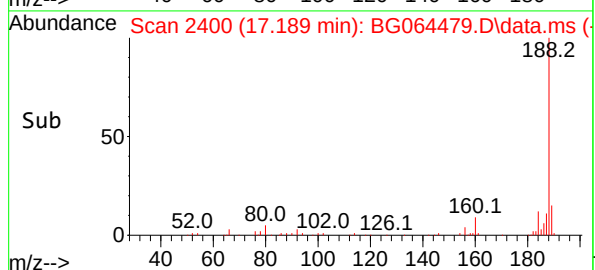
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

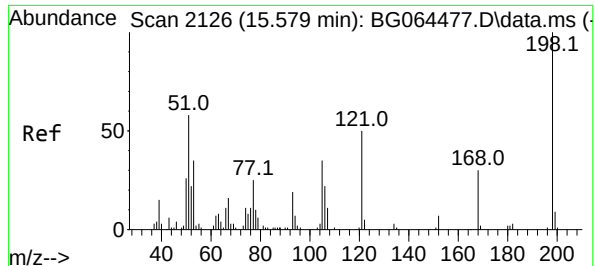


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



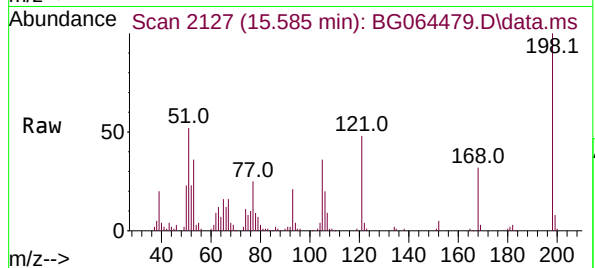
Tgt Ion:188 Resp: 143075
Ion Ratio Lower Upper
188 100
94 5.4 3.7 5.5
80 5.5 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 62.533 ng
RT: 15.585 min Scan# 2127
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

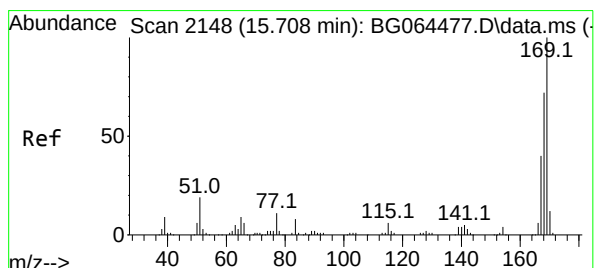
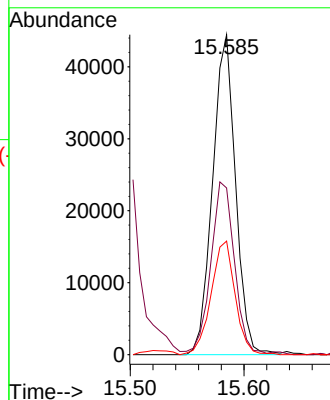
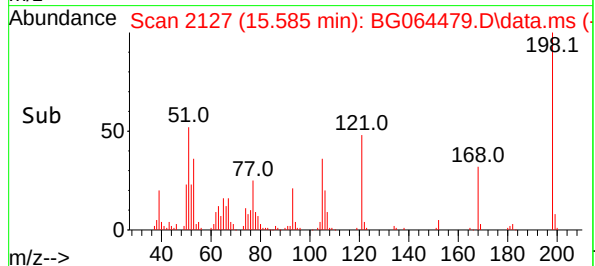
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



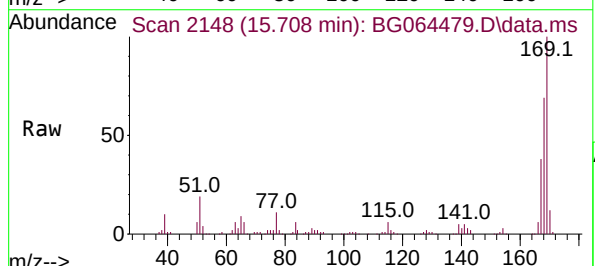
Tgt Ion:198 Resp: 62295
Ion Ratio Lower Upper
198 100
51 52.1 39.0 79.0
105 35.5 15.8 55.8

Manual Integrations
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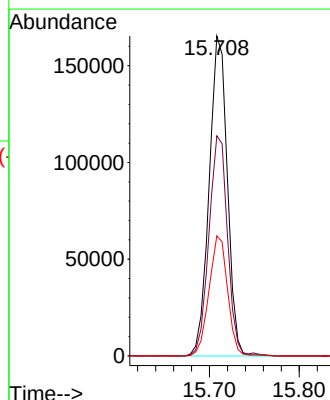
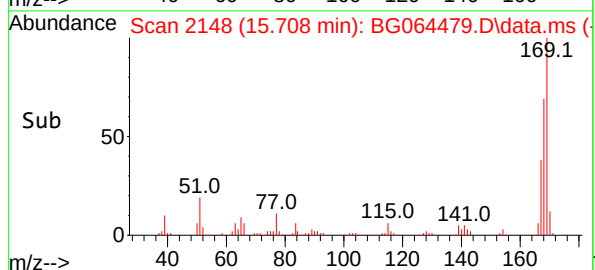
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

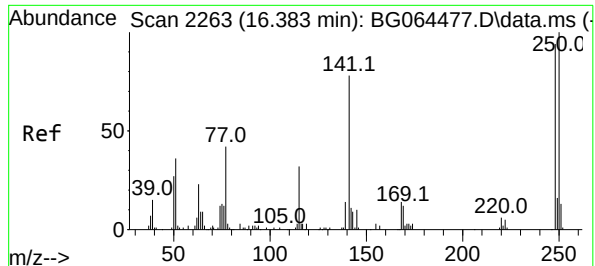


#66
n-Nitrosodiphenylamine
Concen: 60.822 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



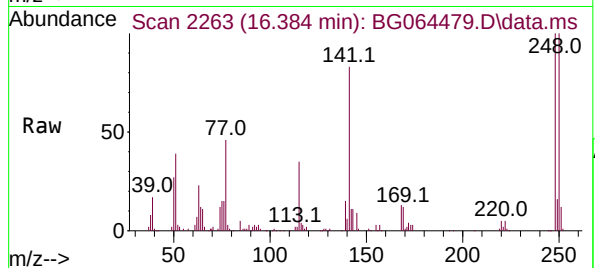
Tgt Ion:169 Resp: 232383
Ion Ratio Lower Upper
169 100
168 68.8 57.8 86.6
167 37.5 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 60.380 ng
RT: 16.384 min Scan# 2263
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

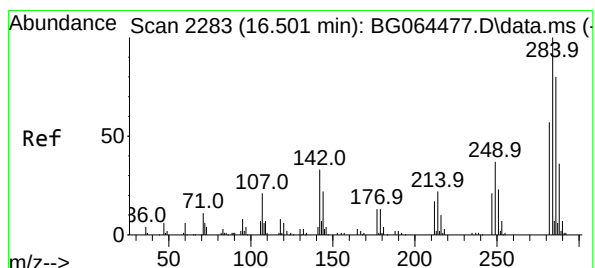
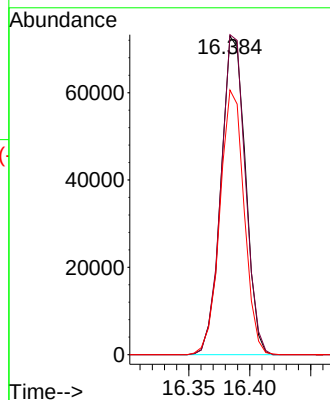
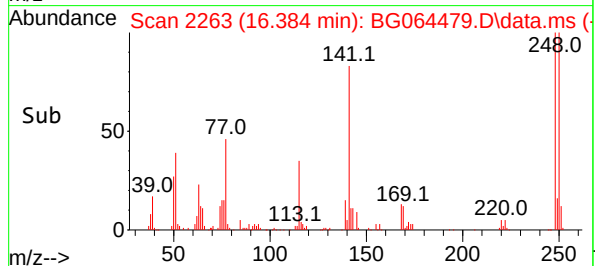
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



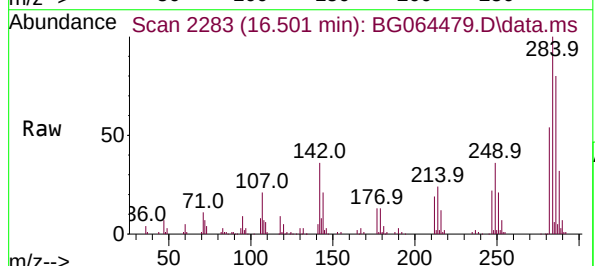
Tgt Ion:248 Resp: 101659
Ion Ratio Lower Upper
248 100
250 100.5 85.3 127.9
141 83.1 66.2 99.2

Manual Integrations
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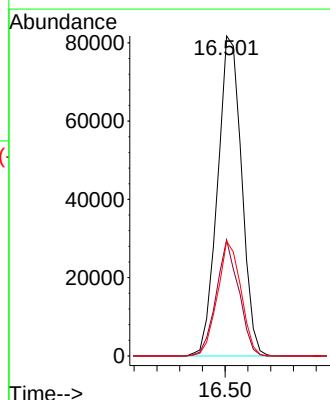
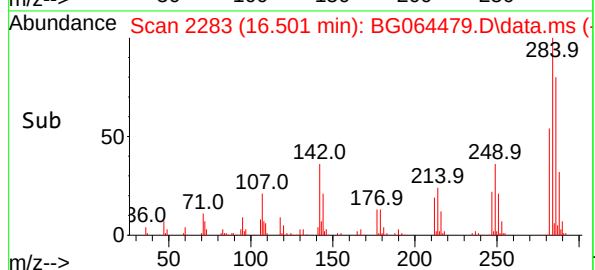
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

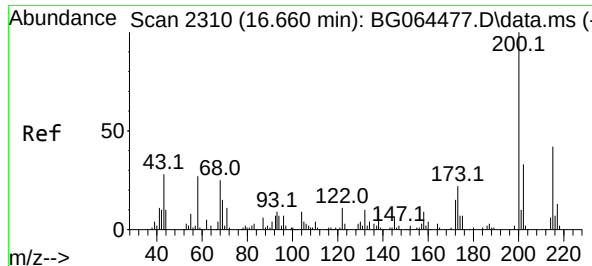


#68
Hexachlorobenzene
Concen: 62.318 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



Tgt Ion:284 Resp: 120060
Ion Ratio Lower Upper
284 100
142 36.3 26.2 39.2
249 35.8 29.4 44.0





#69

Atrazine

Concen: 60.299 ng

RT: 16.660 min Scan# 2310

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 102498

Ion Ratio Lower Upper

200 100

173 20.6 2.5 42.5

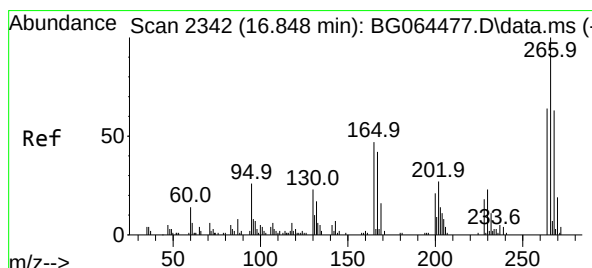
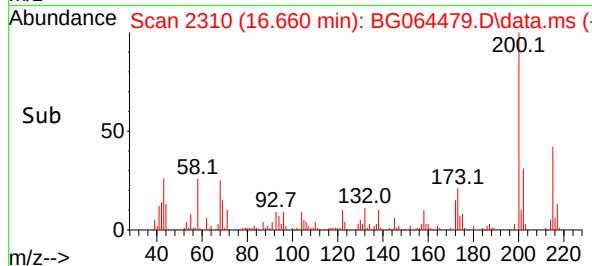
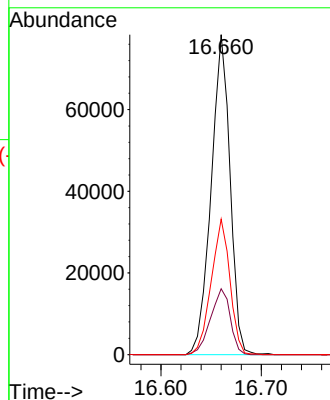
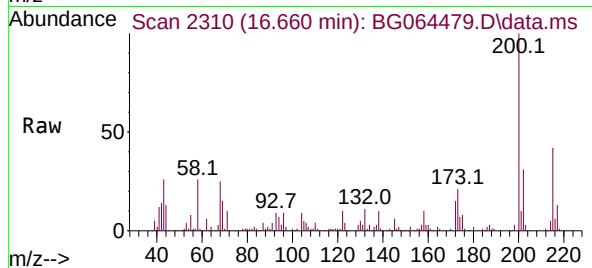
215 42.3 21.5 61.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 64.730 ng

RT: 16.848 min Scan# 2342

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

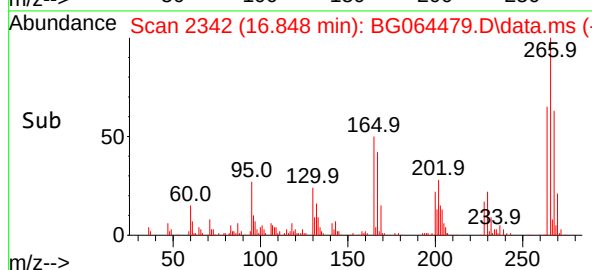
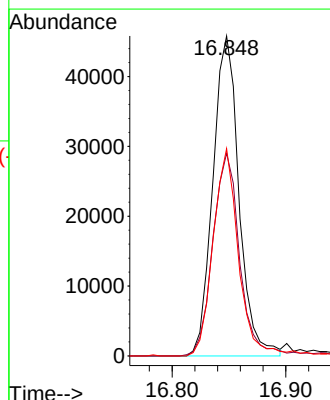
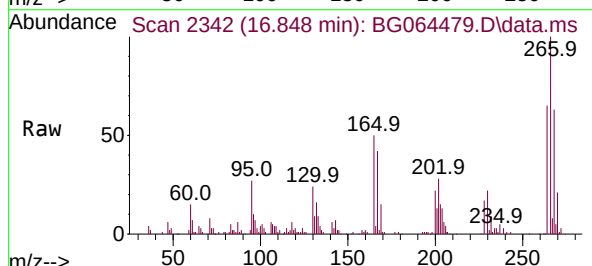
Tgt Ion:266 Resp: 72916

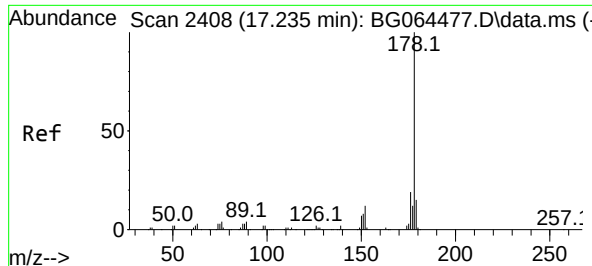
Ion Ratio Lower Upper

266 100

268 63.3 50.6 75.8

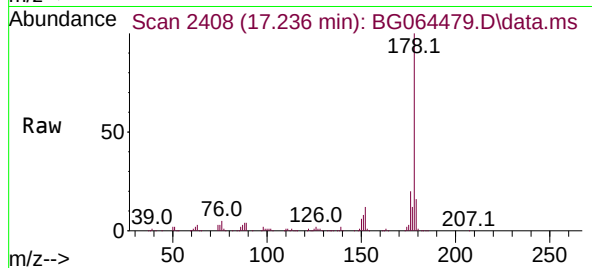
264 64.8 51.2 76.8





#71
Phenanthrene
Concen: 60.221 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

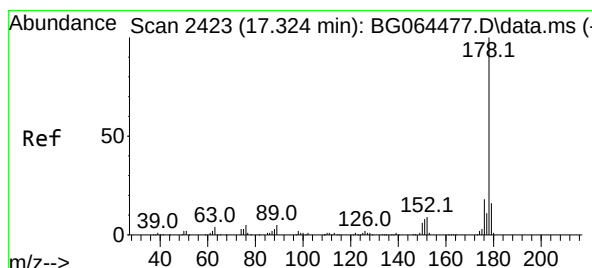
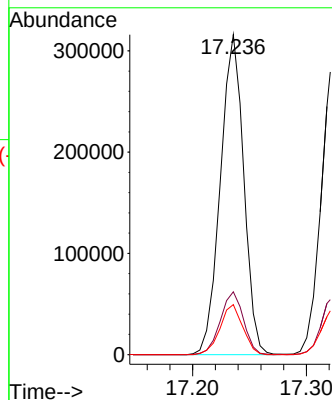
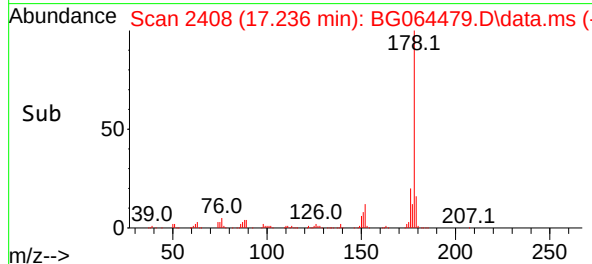
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 450582
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.6 11.8 17.6

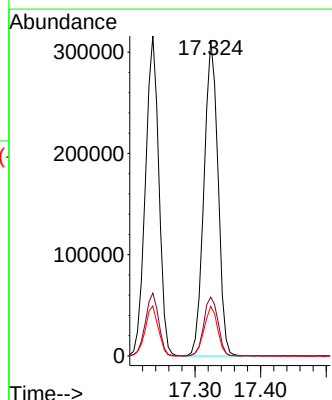
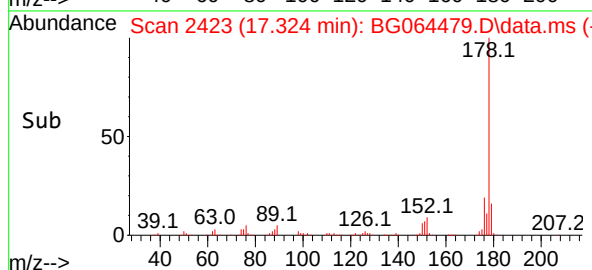
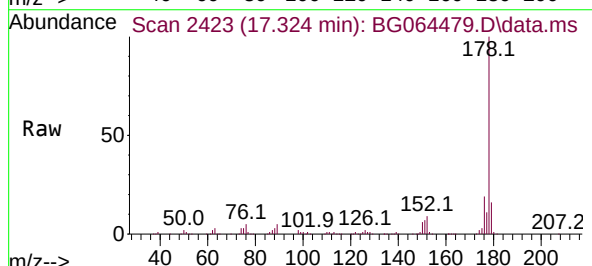
Manual Integrations
APPROVED

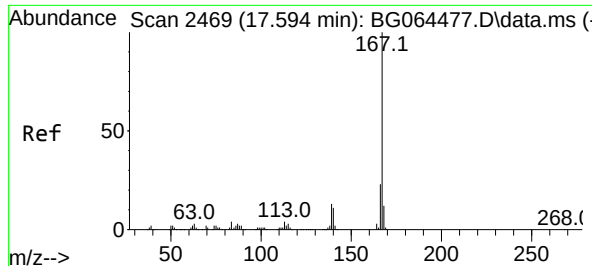
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 61.100 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

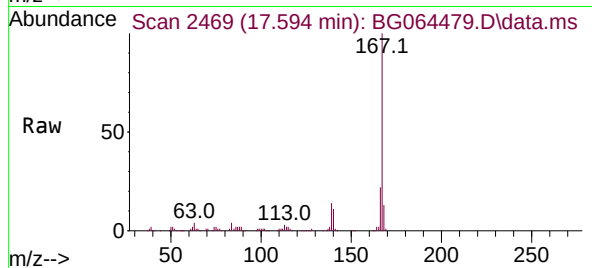
Tgt Ion:178 Resp: 458626
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.7 12.5 18.7





#73
Carbazole
Concen: 60.961 ng
RT: 17.594 min Scan# 2469
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

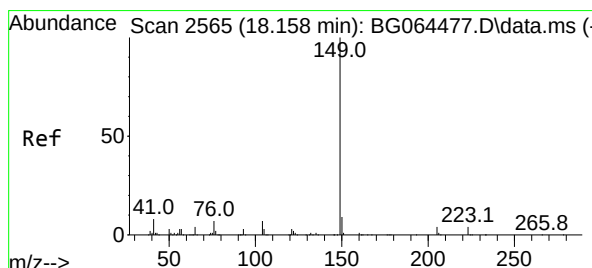
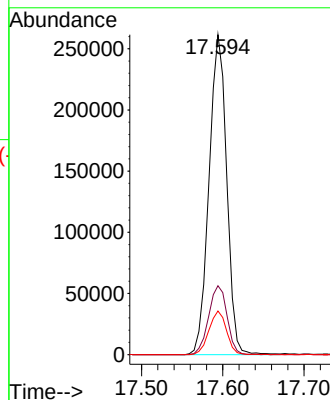
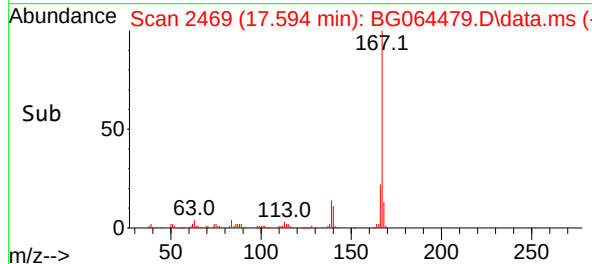
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 395523
Ion Ratio Lower Upper
167 100
166 21.5 18.6 27.8
139 13.6 10.2 15.4

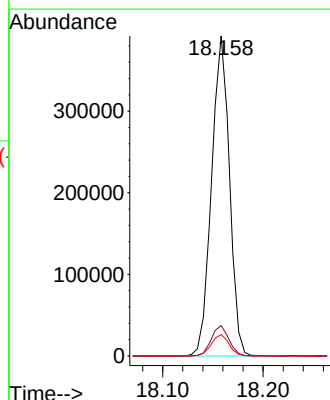
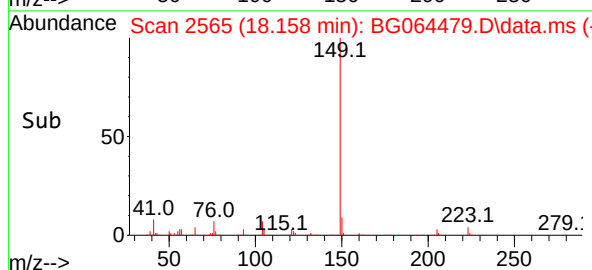
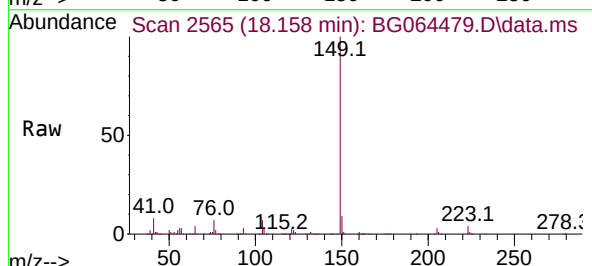
Manual Integrations
APPROVED

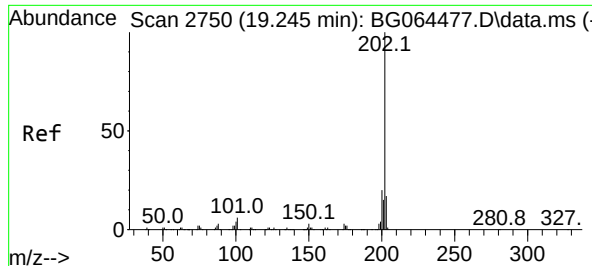
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 61.267 ng
RT: 18.158 min Scan# 2565
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

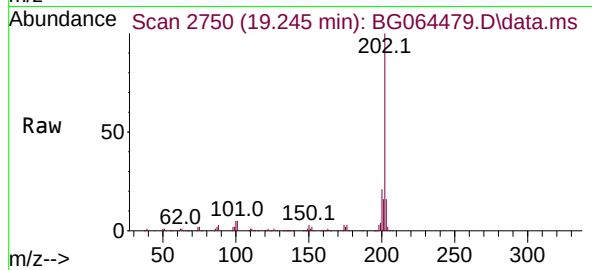
Tgt Ion:149 Resp: 485256
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 6.7 5.3 7.9





#75
Fluoranthene
Concen: 60.154 ng
RT: 19.245 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

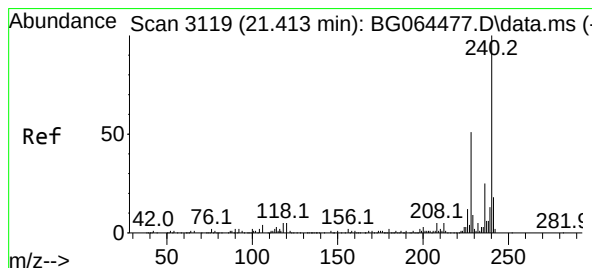
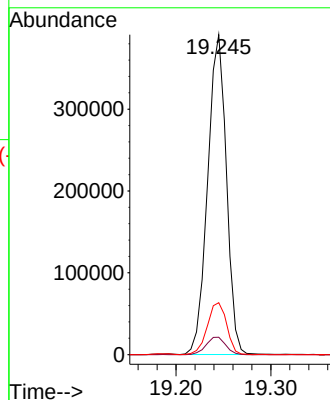
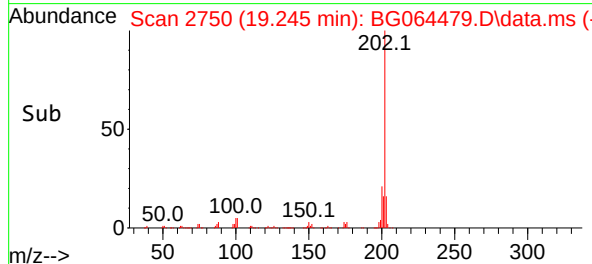
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



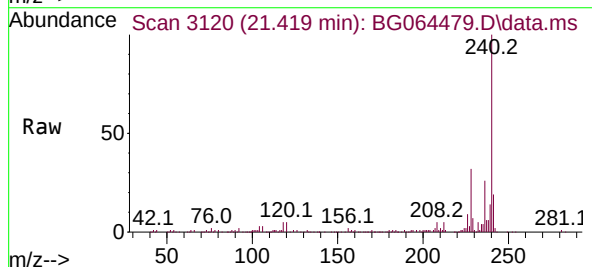
Tgt Ion:202 Resp: 537693
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.7
203 16.3 0.0 36.6

Manual Integrations
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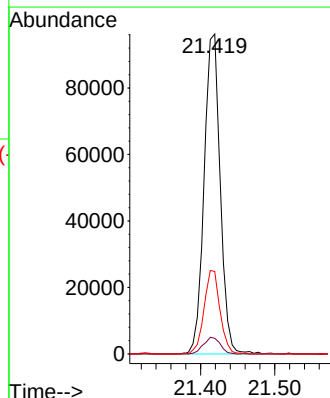
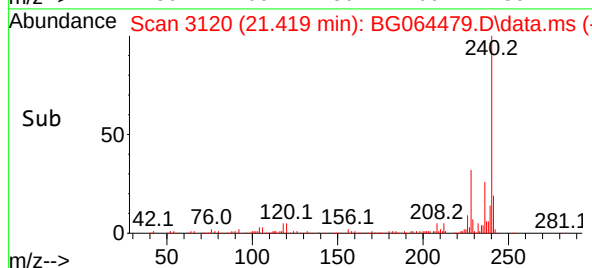
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

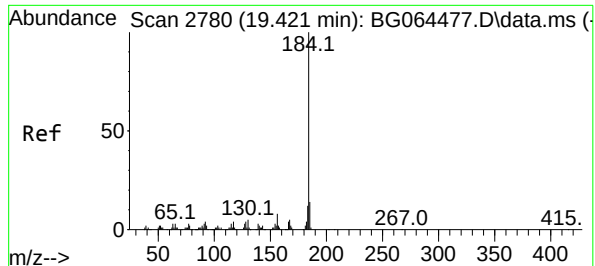


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.419 min Scan# 3120
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



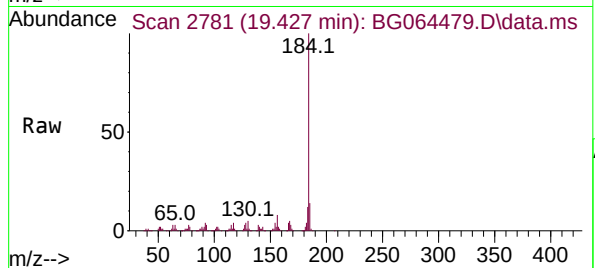
Tgt Ion:240 Resp: 144920
Ion Ratio Lower Upper
240 100
120 4.9 4.3 6.5
236 25.7 20.4 30.6





#77
Benzidine
Concen: 74.880 ng
RT: 19.427 min Scan# 2780
Delta R.T. 0.002 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

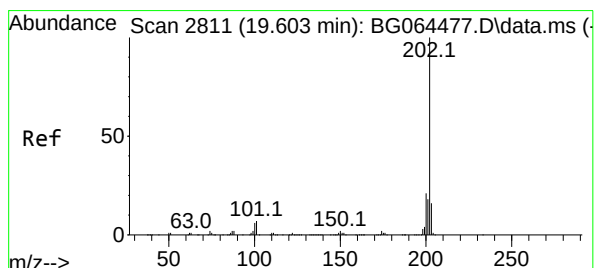
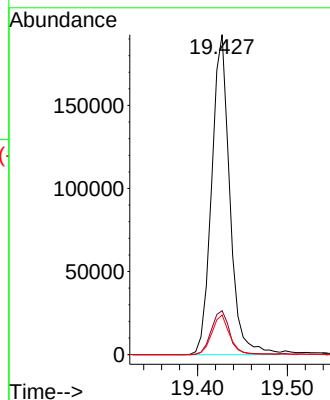
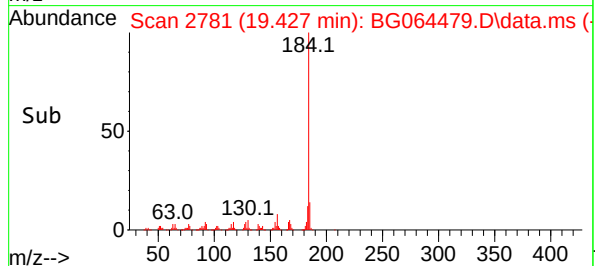
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 270028
Ion Ratio Lower Upper
184 100
185 13.7 10.9 16.3
183 12.4 9.8 14.6

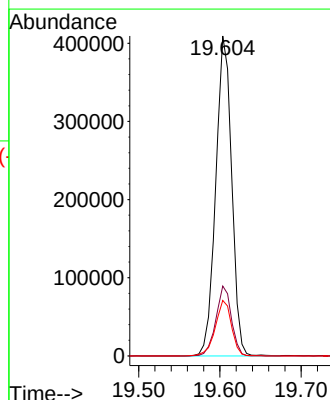
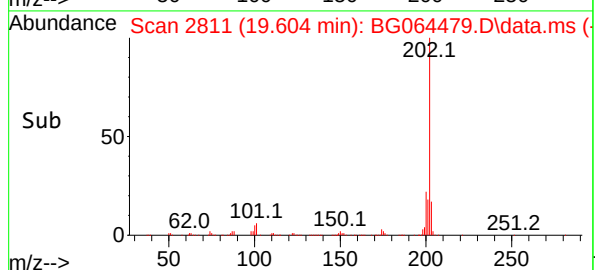
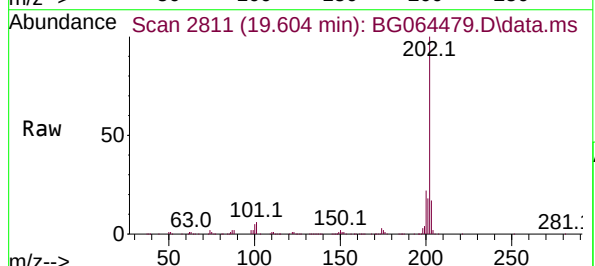
Manual Integrations
APPROVED

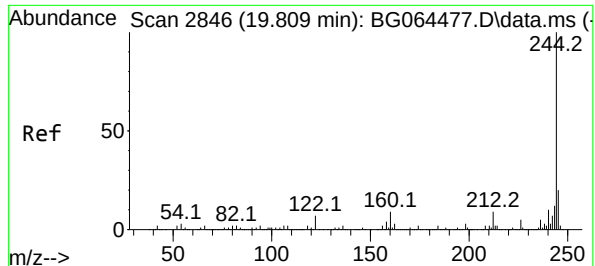
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 59.207 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:202 Resp: 556837
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.3 13.0 19.4





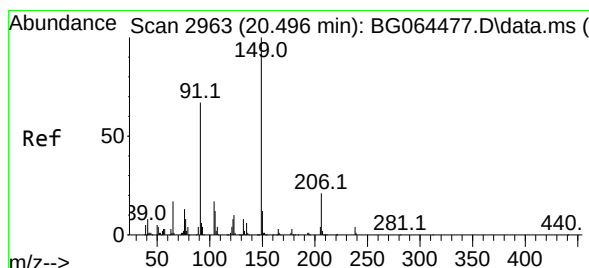
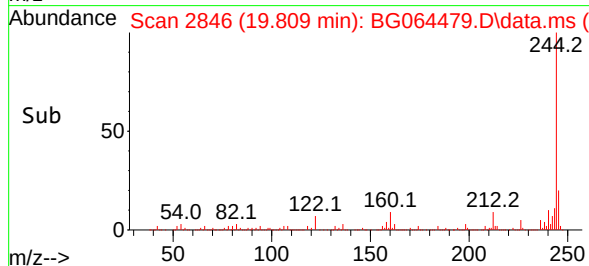
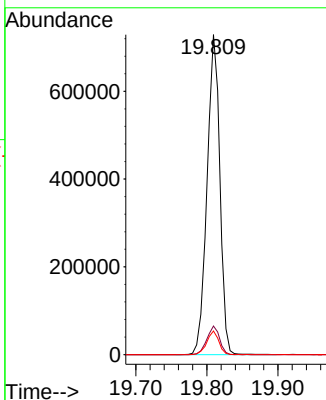
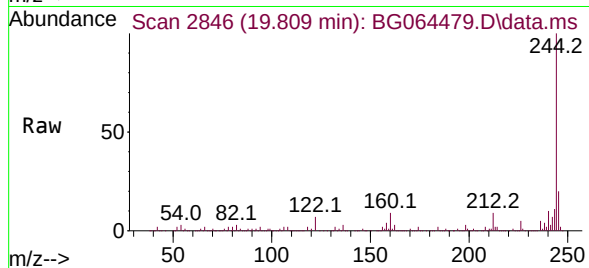
#79
Terphenyl-d14
Concen: 118.598 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 908174
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 7.4 5.6 8.4

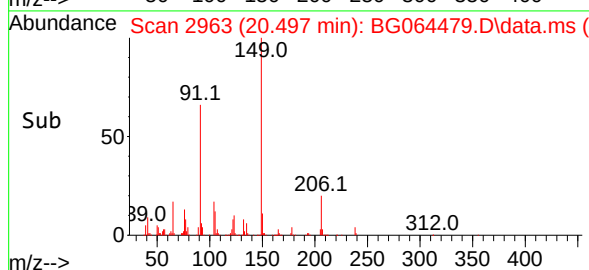
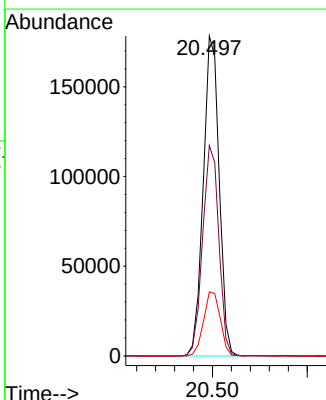
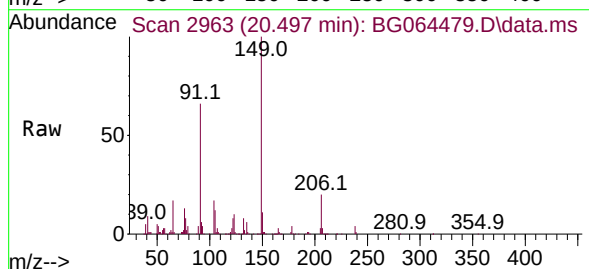
Manual Integrations
APPROVED

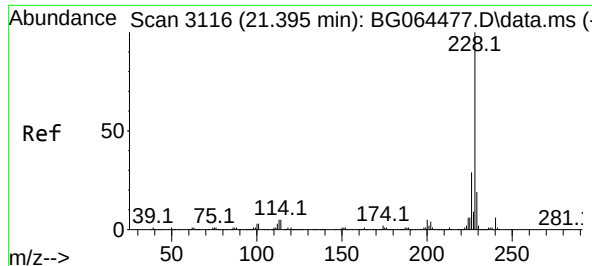
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 62.426 ng
RT: 20.497 min Scan# 2963
Delta R.T. -0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

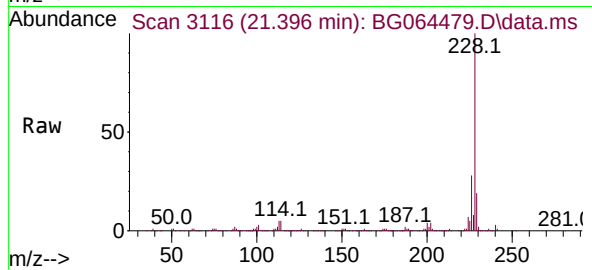
Tgt Ion:149 Resp: 208125
Ion Ratio Lower Upper
149 100
91 65.7 53.7 80.5
206 20.0 16.6 24.8





#81
Benzo(a)anthracene
Concen: 60.676 ng
RT: 21.396 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

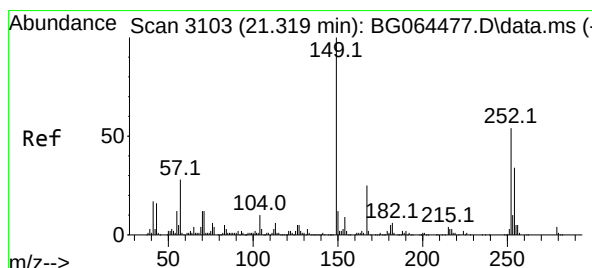
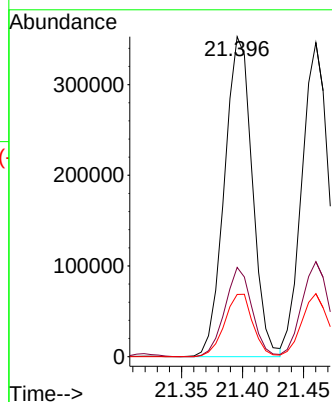
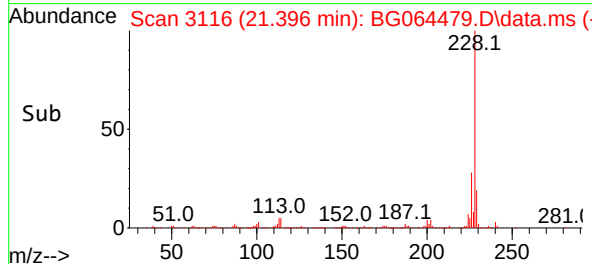
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



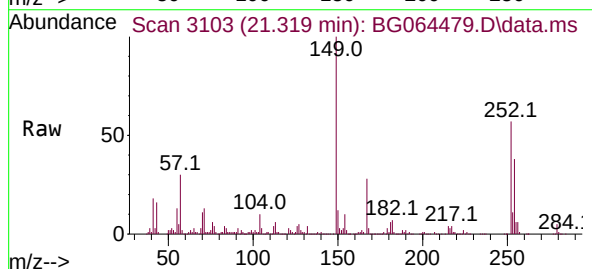
Tgt Ion:228 Resp: 561451
Ion Ratio Lower Upper
228 100
226 27.9 22.8 34.2
229 19.4 15.2 22.8

Manual Integrations
APPROVED

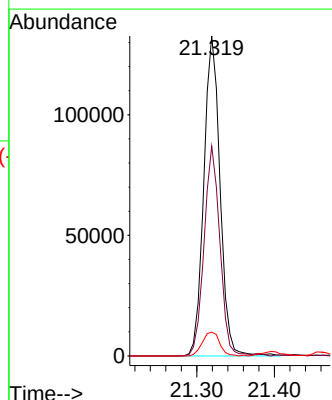
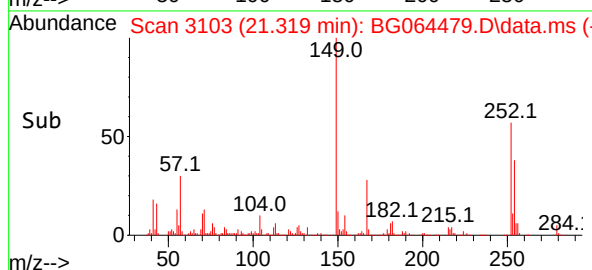
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

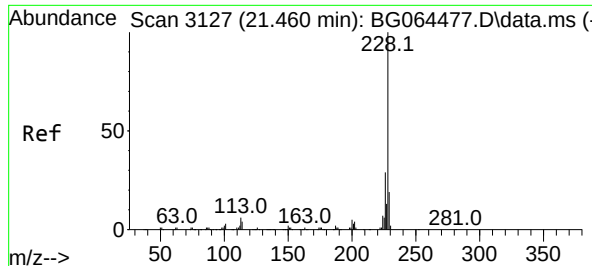


#82
3,3'-Dichlorobenzidine
Concen: 61.540 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



Tgt Ion:252 Resp: 192733
Ion Ratio Lower Upper
252 100
254 65.6 50.5 75.7
126 7.4 7.1 10.7





#83

Chrysene

Concen: 59.928 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA_G

ClientSampleId :

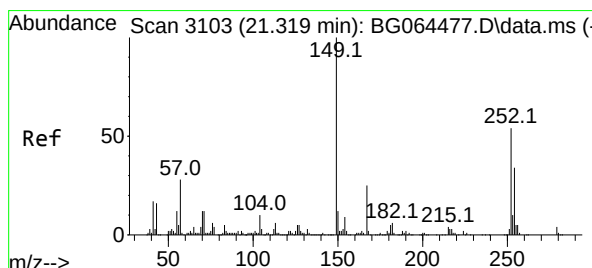
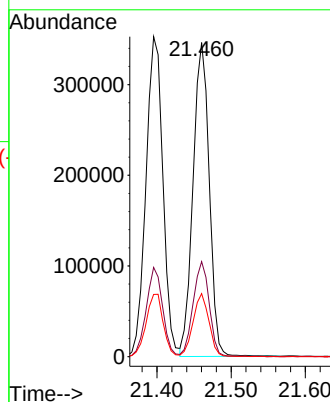
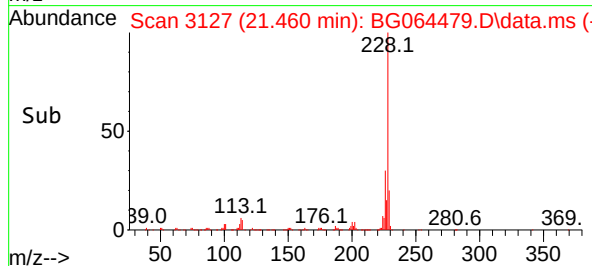
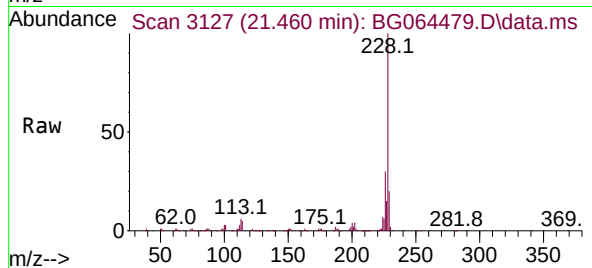
SSTDICC060

Tgt Ion:	228	Resp:	525893
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.8	34.2
229	20.0	15.4	23.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.932 ng

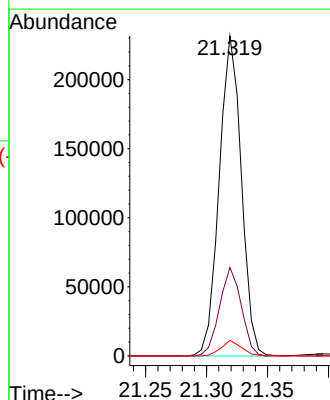
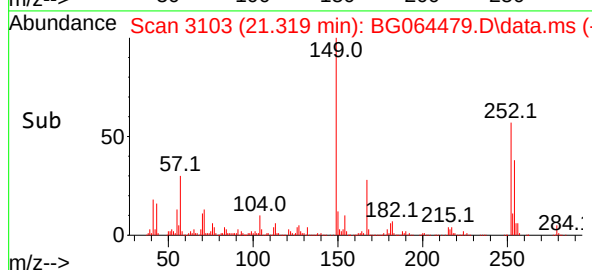
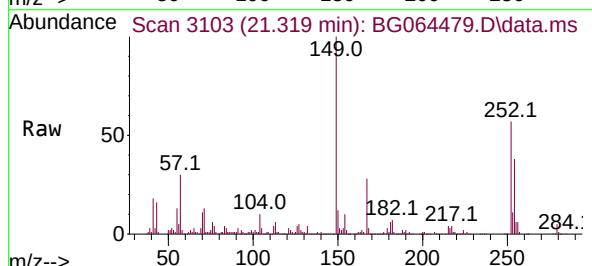
RT: 21.319 min Scan# 3103

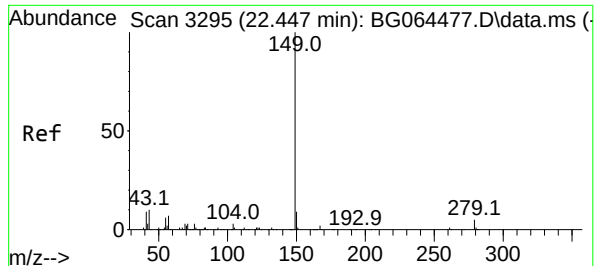
Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

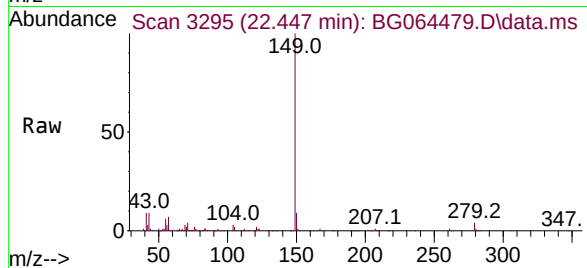
Tgt Ion:	149	Resp:	291329
Ion Ratio	Lower	Upper	
149	100		
167	27.6	19.7	29.5
279	4.9	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 61.881 ng
RT: 22.447 min Scan# 3295
Delta R.T. 0.009 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

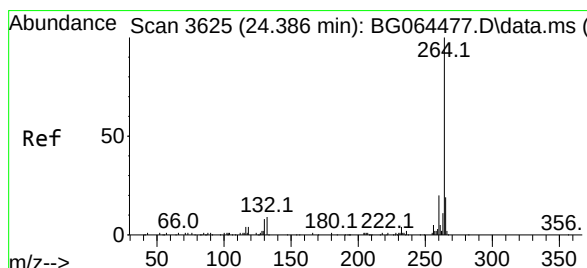
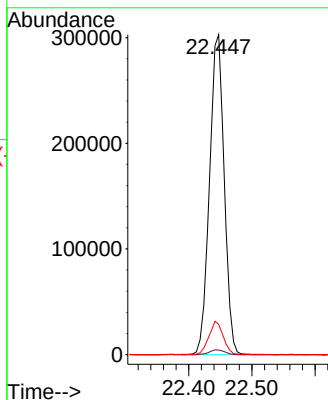
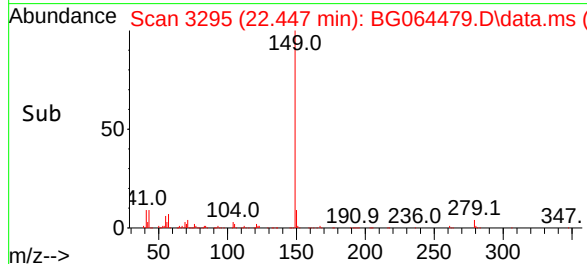
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



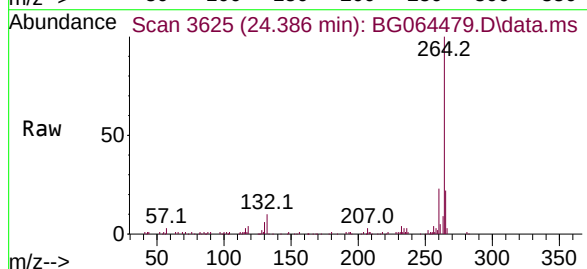
Tgt Ion:149 Resp: 489220
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 10.2 7.9 11.9

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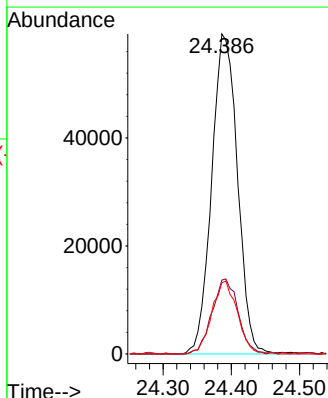
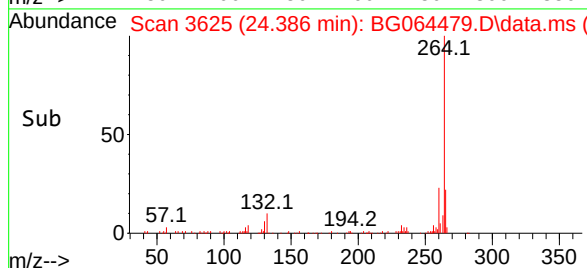
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

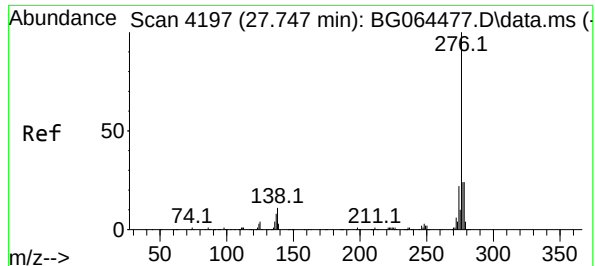


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



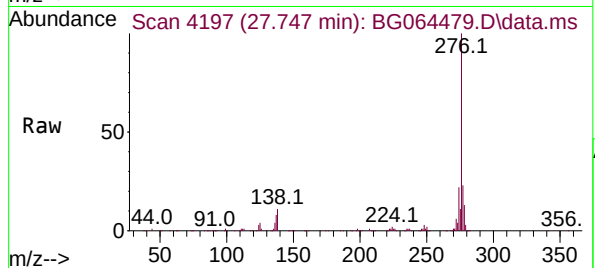
Tgt Ion:264 Resp: 155027
Ion Ratio Lower Upper
264 100
260 23.1 16.2 24.4
265 22.3 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.679 ng
RT: 27.747 min Scan# 4197
Delta R.T. 0.015 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

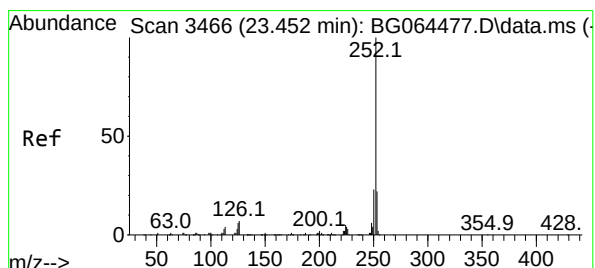
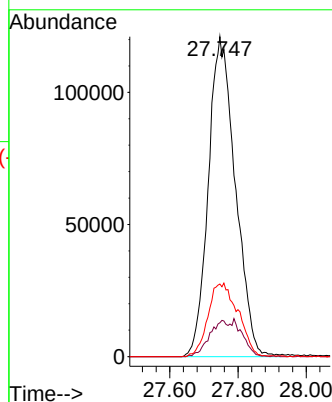
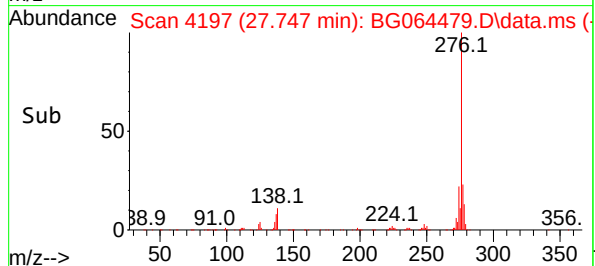
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



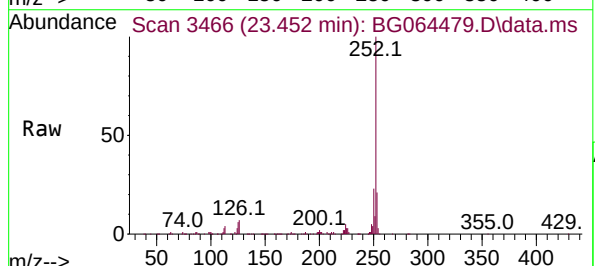
Tgt Ion:276 Resp: 665573
Ion Ratio Lower Upper
276 100
138 7.6 10.8 16.2
277 25.4 20.3 30.5

Manual Integrations
APPROVED

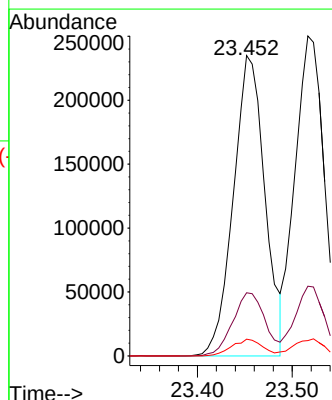
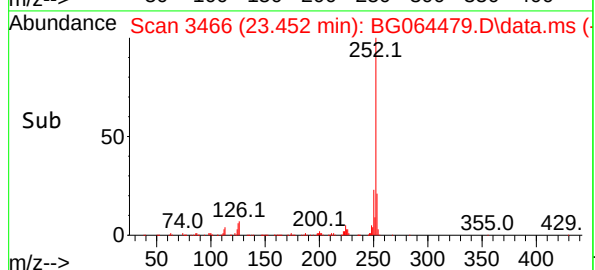
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

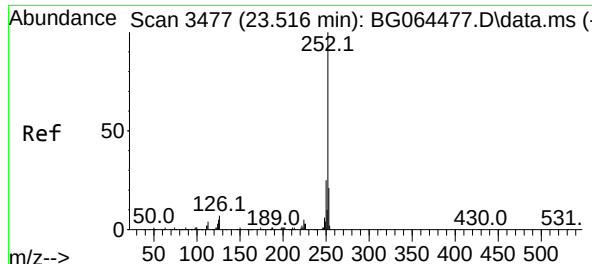


#88
Benzo(b)fluoranthene
Concen: 61.635 ng
RT: 23.452 min Scan# 3466
Delta R.T. 0.003 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35



Tgt Ion:252 Resp: 543592
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 5.6 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 60.551 ng

RT: 23.517 min Scan# 3477

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

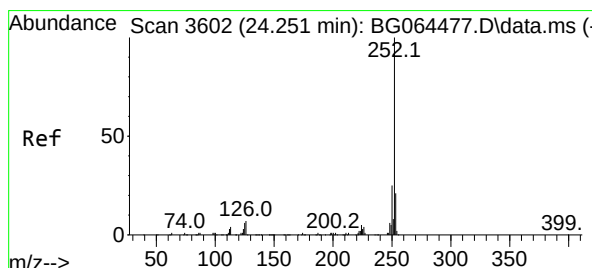
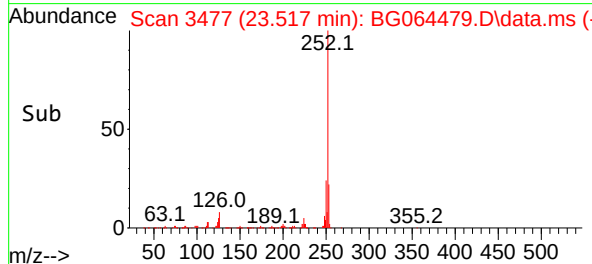
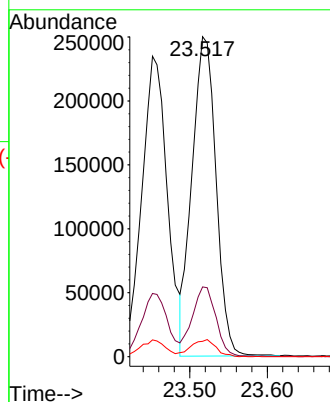
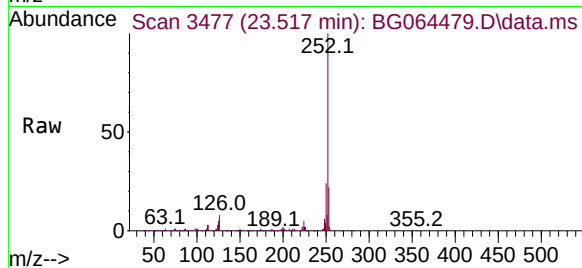
Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:	252	Resp:	537854
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	4.8	4.0	6.0

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

#90

Benzo(a)pyrene

Concen: 61.533 ng

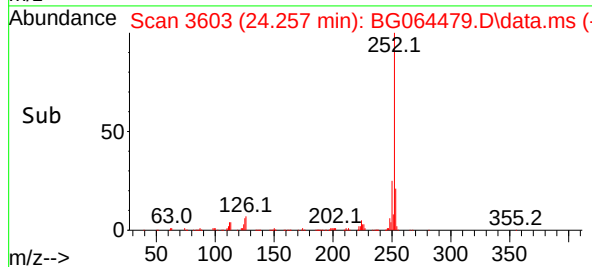
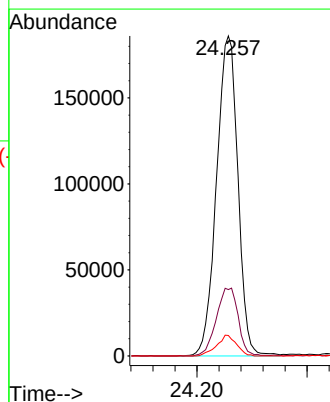
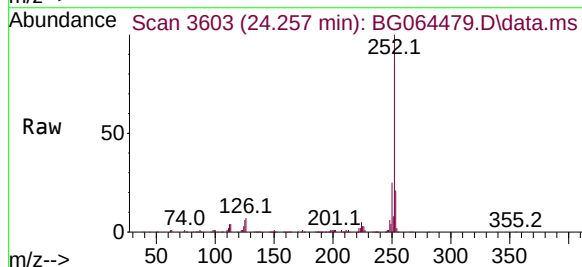
RT: 24.257 min Scan# 3603

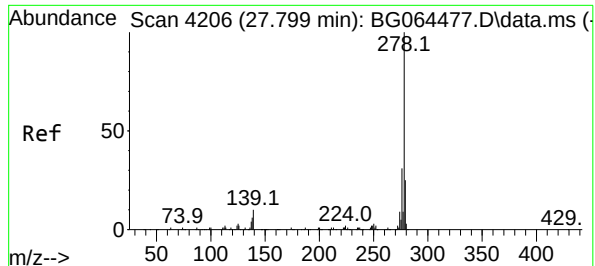
Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

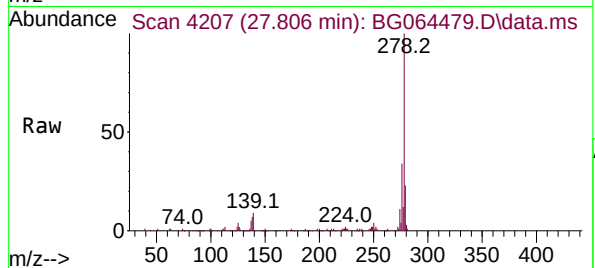
Tgt Ion:	252	Resp:	500159
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.1	25.7
125	6.4	4.6	6.8





#91
Dibenzo(a,h)anthracene
Concen: 62.043 ng
RT: 27.806 min Scan# 4376
Delta R.T. 0.026 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

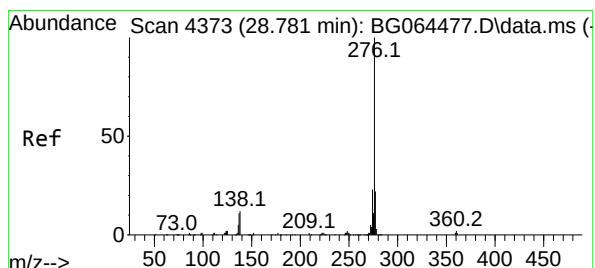
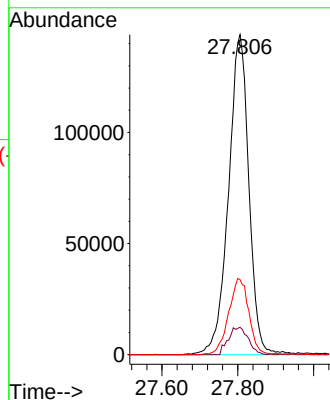
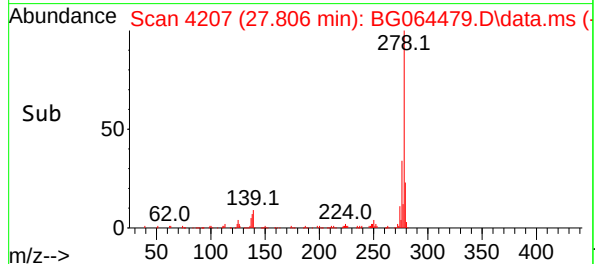
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 535408
Ion Ratio Lower Upper
278 100
139 8.6 8.2 12.2
279 23.4 19.6 29.4

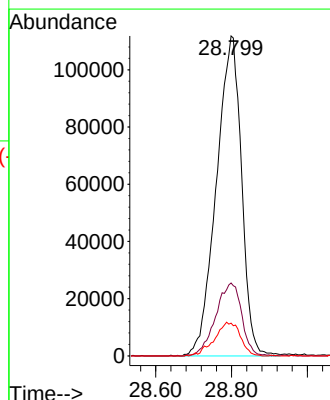
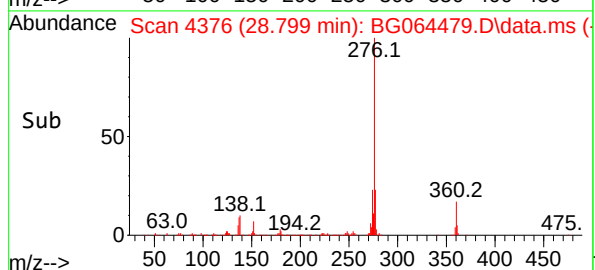
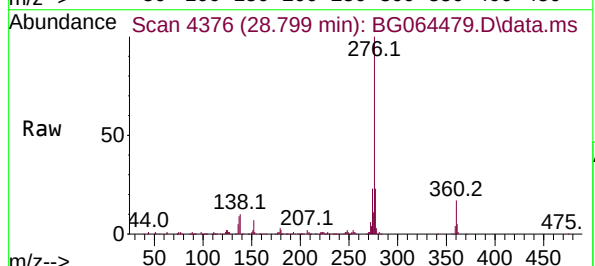
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 61.207 ng
RT: 28.799 min Scan# 4376
Delta R.T. 0.032 min
Lab File: BG064479.D
Acq: 2 Oct 2025 13:35

Tgt Ion:276 Resp: 513293
Ion Ratio Lower Upper
276 100
277 22.8 17.8 26.6
138 10.2 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064480.D
 Acq On : 2 Oct 2025 14:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	22534	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	94569	20.000	ng	0.00
39) Acenaphthene-d10	14.453	164	72073	20.000	ng	0.00
64) Phenanthrene-d10	17.191	188	168856	20.000	ng	0.00
76) Chrysene-d12	21.415	240	171497	20.000	ng	0.00
86) Perylene-d12	24.394	264	185893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	189884	155.949	ng	0.01
7) Phenol-d6	7.009	99	250763	153.254	ng	0.02
23) Nitrobenzene-d5	8.989	82	279078	158.678	ng	0.02
42) 2,4,6-Tribromophenol	15.945	330	200950	153.817	ng	0.01
45) 2-Fluorobiphenyl	13.078	172	755535	154.518	ng	0.01
79) Terphenyl-d14	19.811	244	1375899	151.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	34310	71.240	ng	94
3) Pyridine	3.718	79	97843	75.592	ng	93
4) n-Nitrosodimethylamine	3.636	42	73356	78.177	ng	92
6) Aniline	7.161	93	155867	75.518	ng	98
8) 2-Chlorophenol	7.396	128	114558	76.619	ng	98
9) Benzaldehyde	6.968	77	93496	64.370	ng	96
10) Phenol	7.032	94	134875	78.138	ng	97
11) bis(2-Chloroethyl)ether	7.255	93	89425	76.500	ng	98
12) 1,3-Dichlorobenzene	7.720	146	122844	75.107	ng	98
13) 1,4-Dichlorobenzene	7.861	146	124619	75.917	ng	97
14) 1,2-Dichlorobenzene	8.178	146	120364	74.398	ng	95
15) Benzyl Alcohol	8.066	79	118265	78.483	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.348	45	140388	74.507	ng	96
17) 2-Methylphenol	8.272	107	97064	77.657	ng	97
18) Hexachloroethane	8.901	117	49027	75.666	ng	90
19) n-Nitroso-di-n-propyla...	8.636	70	83485	76.290	ng	91
20) 3+4-Methylphenols	8.607	107	134638	77.191	ng	95
22) Acetophenone	8.648	105	183701	80.227	ng	# 98
24) Nitrobenzene	9.024	77	135264	77.123	ng	97
25) Isophorone	9.553	82	245935	77.188	ng	98
26) 2-Nitrophenol	9.729	139	68332	78.281	ng	93
27) 2,4-Dimethylphenol	9.794	122	106151	79.619	ng	95
28) bis(2-Chloroethoxy)met...	10.029	93	128813	79.313	ng	98
29) 2,4-Dichlorophenol	10.264	162	125552	81.436	ng	96
30) 1,2,4-Trichlorobenzene	10.481	180	131315	78.115	ng	94
31) Naphthalene	10.663	128	382573	78.560	ng	98
32) Benzoic acid	10.011	122	91798m	89.680	ng	
33) 4-Chloroaniline	10.769	127	148423	79.425	ng	97
34) Hexachlorobutadiene	10.951	225	109953	76.374	ng	94
35) Caprolactam	11.580	113	40333	76.417	ng	97
36) 4-Chloro-3-methylphenol	11.909	107	149274	79.618	ng	99
37) 2-Methylnaphthalene	12.273	142	291318	77.931	ng	97
38) 1-Methylnaphthalene	12.496	142	286731	76.924	ng	98
40) 1,2,4,5-Tetrachloroben...	12.643	216	186298	80.056	ng	99
41) Hexachlorocyclopentadiene	12.626	237	102505	84.207	ng	96
43) 2,4,6-Trichlorophenol	12.884	196	119404	80.265	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064480.D
 Acq On : 2 Oct 2025 14:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

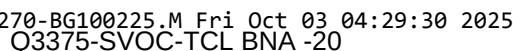
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.961	196	135525	81.602	ng	96
46) 1,1'-Biphenyl	13.290	154	399798	77.125	ng	100
47) 2-Chloronaphthalene	13.331	162	301691	77.951	ng	97
48) 2-Nitroaniline	13.530	65	105087	79.555	ng	97
49) Acenaphthylene	14.177	152	445834	77.600	ng	98
50) Dimethylphthalate	13.912	163	430419	76.251	ng	98
51) 2,6-Dinitrotoluene	14.036	165	91191	77.551	ng	91
52) Acenaphthene	14.518	154	305038	76.421	ng	99
53) 3-Nitroaniline	14.365	138	85333	78.688	ng	100
54) 2,4-Dinitrophenol	14.570	184	63374	74.326	ng	91
55) Dibenzofuran	14.852	168	505395	76.684	ng	99
56) 4-Nitrophenol	14.676	139	66912	78.369	ng	84
57) 2,4-Dinitrotoluene	14.823	165	137560	76.527	ng	96
58) Fluorene	15.505	166	420400	76.728	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.082	232	131866	77.799	ng	99
60) Diethylphthalate	15.281	149	454922	75.126	ng	99
61) 4-Chlorophenyl-phenyle...	15.499	204	228883	76.517	ng	99
62) 4-Nitroaniline	15.534	138	92207	81.579	ng	91
63) Azobenzene	15.793	77	350430	74.723	ng	96
65) 4,6-Dinitro-2-methylph...	15.587	198	97300	82.760	ng	97
66) n-Nitrosodiphenylamine	15.716	169	357258	79.230	ng	96
67) 4-Bromophenyl-phenylether	16.386	248	162931	81.997	ng	95
68) Hexachlorobenzene	16.509	284	182054	80.068	ng	97
69) Atrazine	16.662	200	148051	73.799	ng	99
70) Pentachlorophenol	16.850	266	117991	88.752	ng	97
71) Phenanthrene	17.238	178	682440	77.283	ng	99
72) Anthracene	17.326	178	694820	78.433	ng	99
73) Carbazole	17.596	167	594667	77.661	ng	99
74) Di-n-butylphthalate	18.160	149	726555	77.727	ng	100
75) Fluoranthene	19.247	202	812928	77.060	ng	99
77) Benzidine	19.424	184	246468	57.755	ng	98
78) Pyrene	19.606	202	844065	75.840	ng	99
80) Butylbenzylphthalate	20.499	149	314484	79.710	ng	96
81) Benzo(a)anthracene	21.398	228	859554	78.497	ng	98
82) 3,3'-Dichlorobenzidine	21.321	252	288449	77.829	ng	98
83) Chrysene	21.462	228	807967	77.803	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	451147	81.044	ng	97
85) Di-n-octyl phthalate	22.449	149	747301	79.877	ng	99
87) Indeno(1,2,3-cd)pyrene	27.767	276	1017303	78.621	ng	# 93
88) Benzo(b)fluoranthene	23.460	252	824972	78.008	ng	99
89) Benzo(k)fluoranthene	23.525	252	849303	79.738	ng	99
90) Benzo(a)pyrene	24.265	252	771257	79.130	ng	99
91) Dibenzo(a,h)anthracene	27.820	278	829660	80.178	ng	97
92) Benzo(g,h,i)perylene	28.818	276	778918	77.460	ng	99

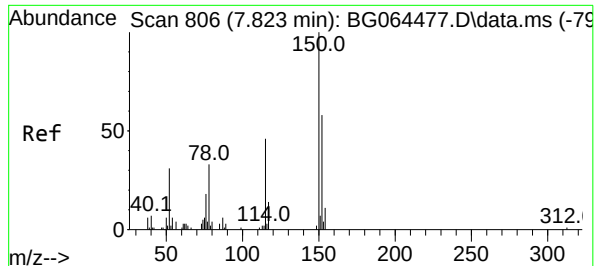
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

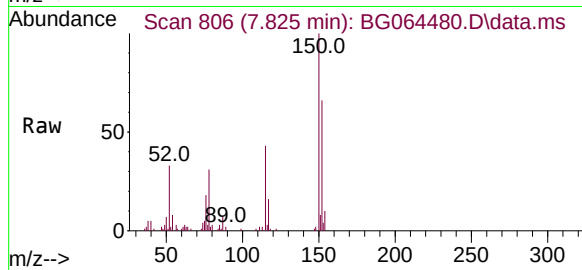
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

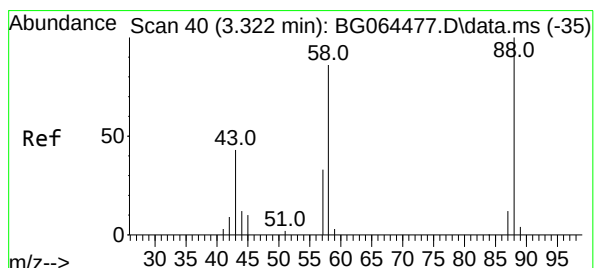
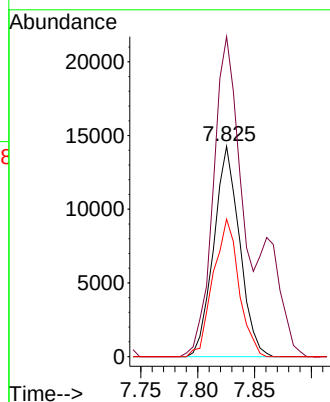
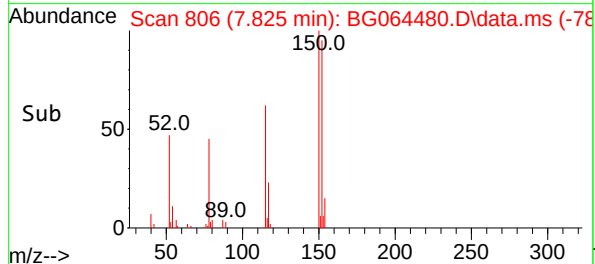
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 22534
Ion Ratio Lower Upper
152 100
150 152.2 138.6 207.8
115 65.4 63.4 95.2

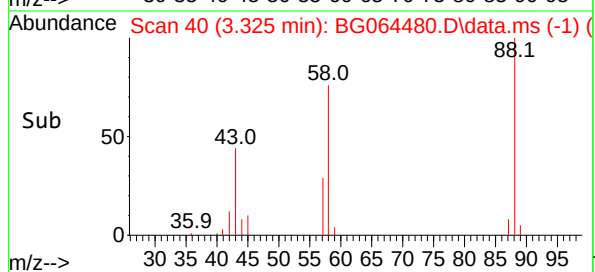
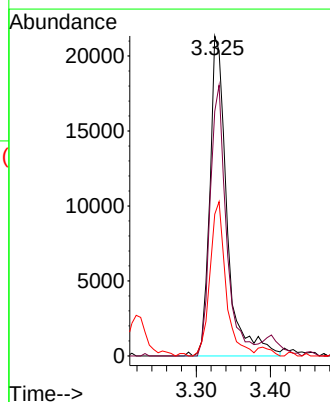
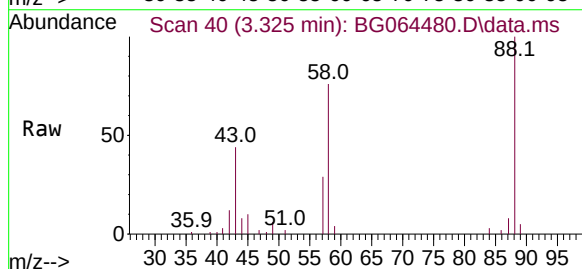
Manual Integrations
APPROVED

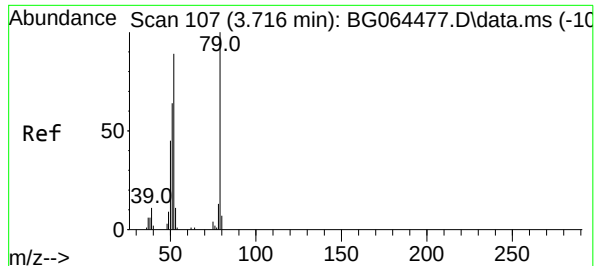
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 71.240 ng
RT: 3.325 min Scan# 40
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

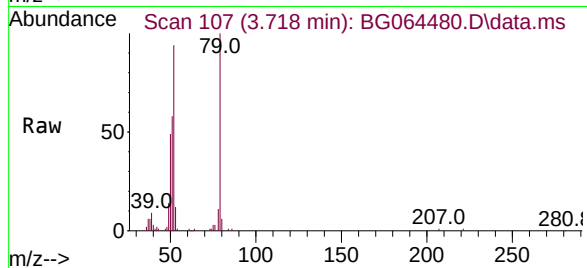
Tgt Ion: 88 Resp: 34310
Ion Ratio Lower Upper
88 100
58 79.9 69.8 104.6
43 44.7 37.4 56.0





#3
Pyridine
Concen: 75.592 ng
RT: 3.718 min Scan# 10
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

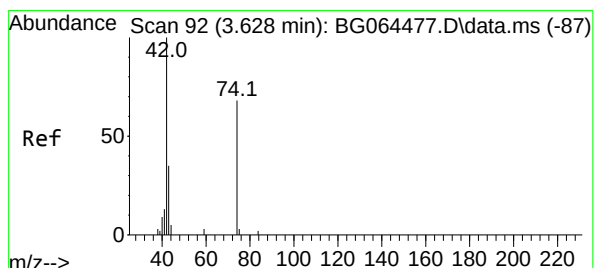
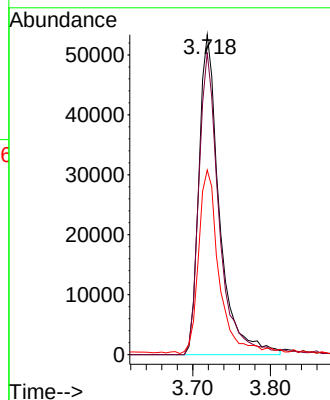
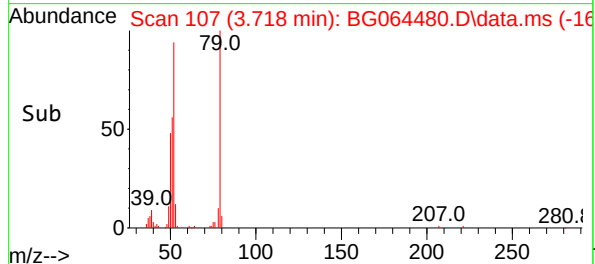
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 97843
Ion Ratio Lower Upper
79 100
52 94.4 71.0 106.4
51 57.7 51.0 76.6

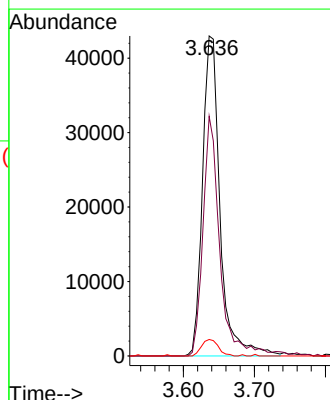
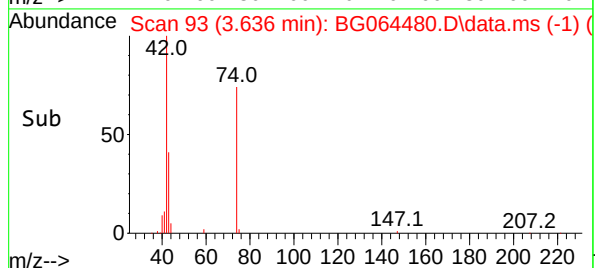
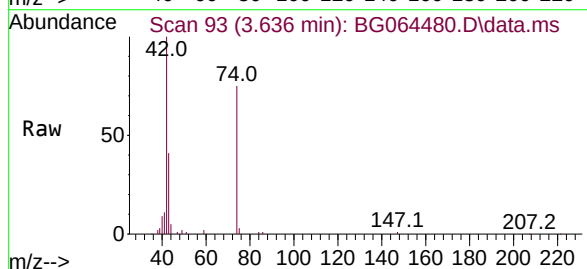
Manual Integrations
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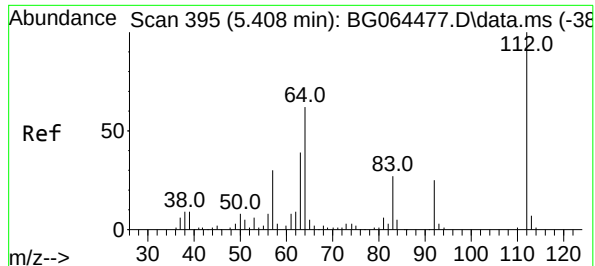
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 78.177 ng
RT: 3.636 min Scan# 93
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 42 Resp: 73356
Ion Ratio Lower Upper
42 100
74 74.9 54.2 81.4
44 5.1 4.2 6.2





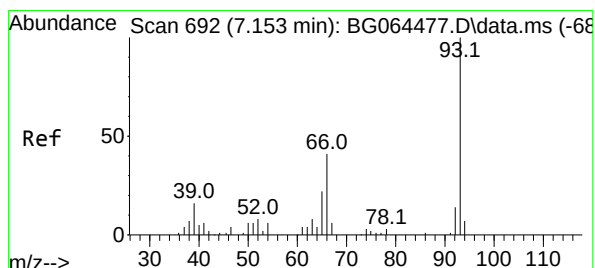
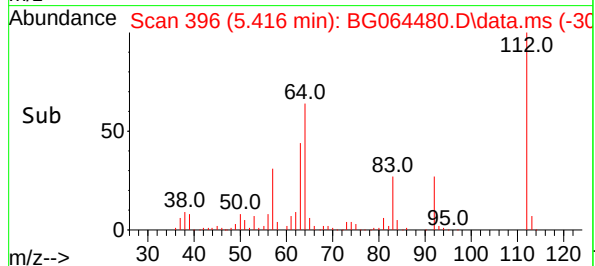
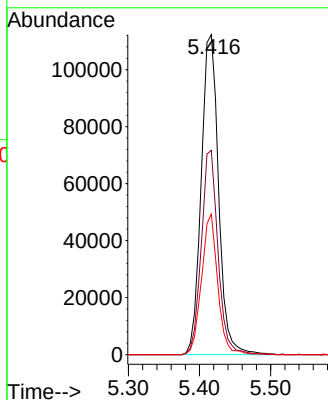
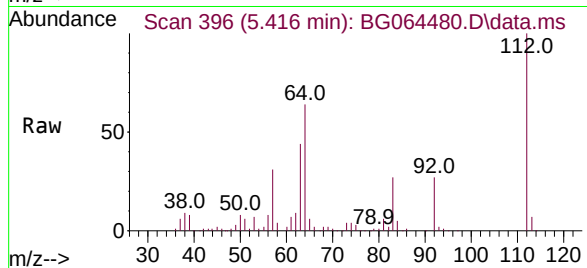
#5
2-Fluorophenol
Concen: 155.949 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 189884
Ion Ratio Lower Upper
112 100
64 63.8 49.8 74.8
63 43.9 31.3 46.9

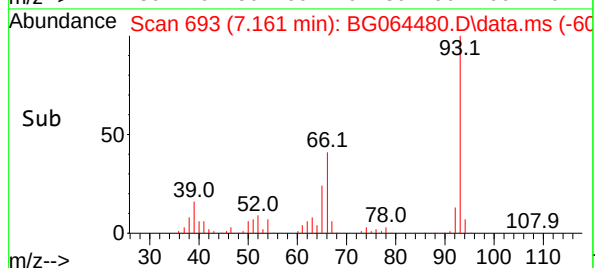
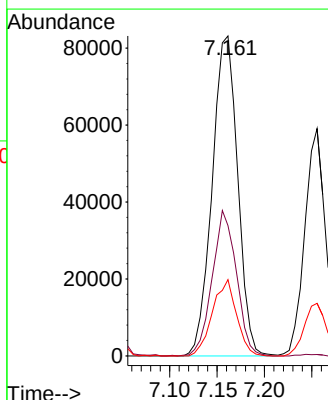
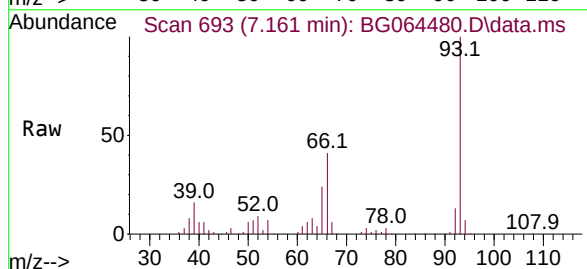
Manual Integrations
APPROVED

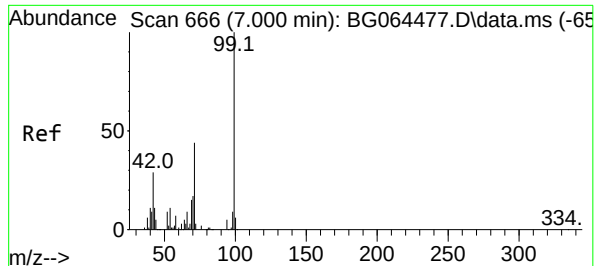
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 75.518 ng
RT: 7.161 min Scan# 693
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

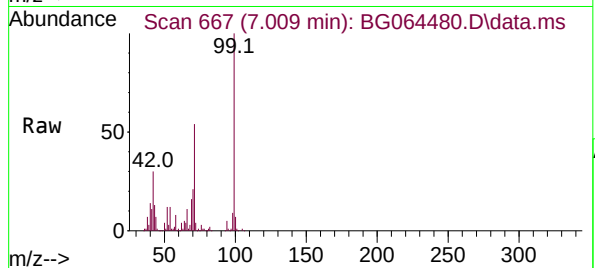
Tgt Ion: 93 Resp: 155867
Ion Ratio Lower Upper
93 100
66 40.7 33.0 49.4
65 23.8 17.5 26.3





#7
Phenol-d6
Concen: 153.254 ng
RT: 7.009 min Scan# 667
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

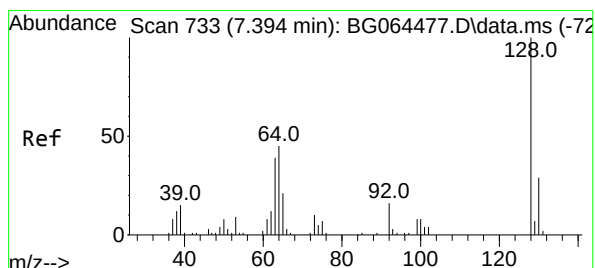
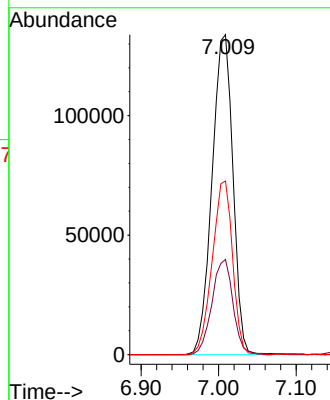
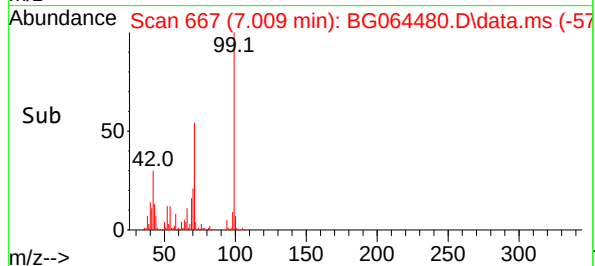
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



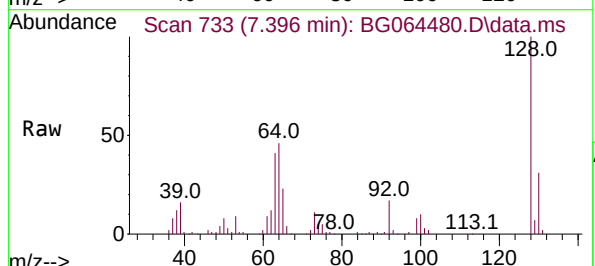
Tgt Ion: 99 Resp: 250763
Ion Ratio Lower Upper
99 100
42 29.7 22.9 34.3
71 54.3 35.4 53.2

Manual Integrations
APPROVED

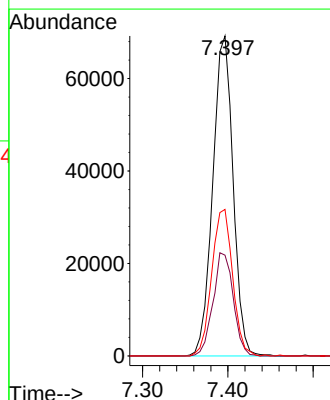
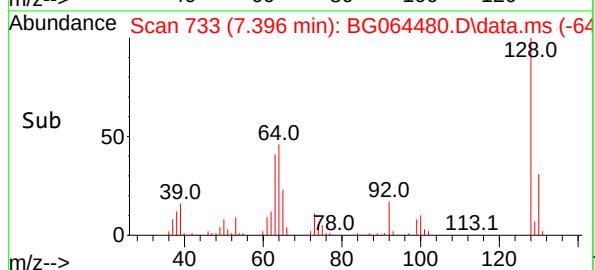
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

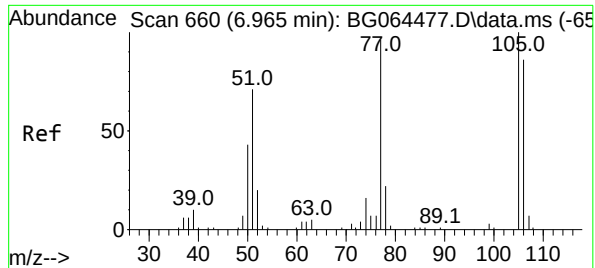


#8
2-Chlorophenol
Concen: 76.619 ng
RT: 7.396 min Scan# 733
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:128 Resp: 114558
Ion Ratio Lower Upper
128 100
130 31.5 9.2 49.2
64 45.8 25.5 65.5





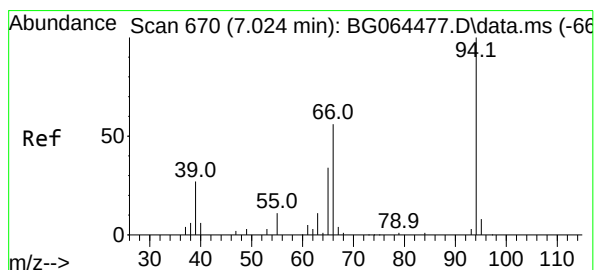
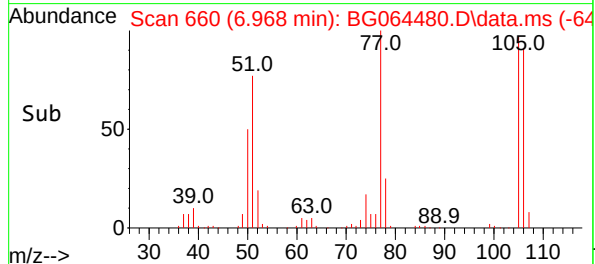
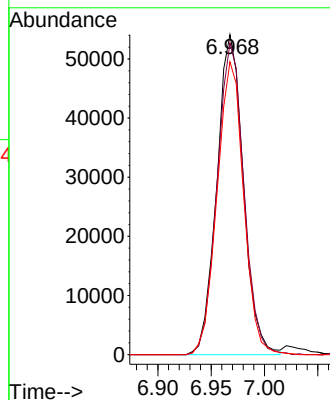
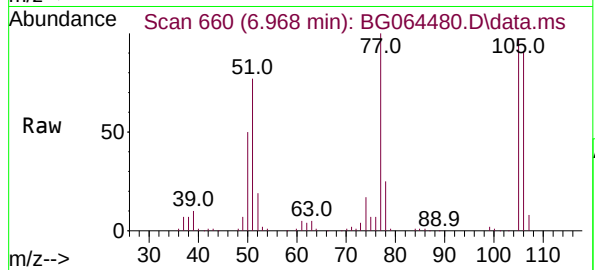
#9
Benzaldehyde
Concen: 64.370 ng
RT: 6.968 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 93496
Ion Ratio Lower Upper
77 100
105 97.4 83.7 123.7
106 91.5 69.4 109.4

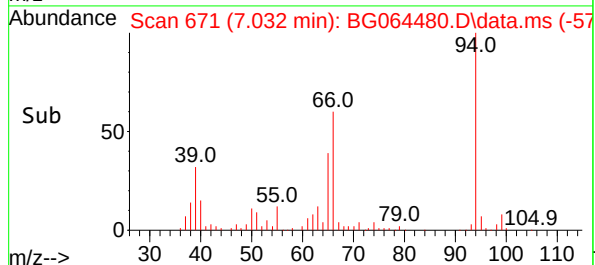
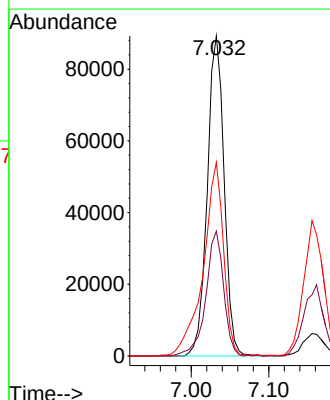
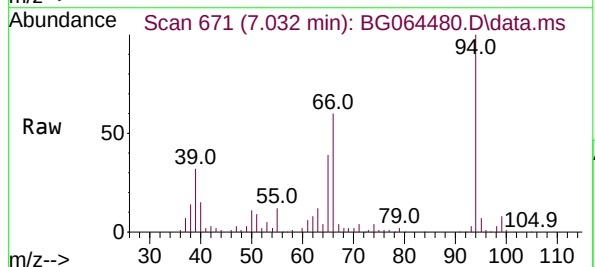
Manual Integrations
APPROVED

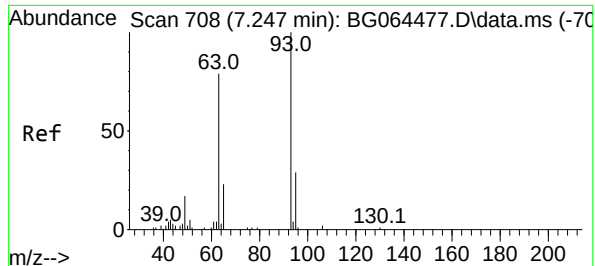
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 78.138 ng
RT: 7.032 min Scan# 671
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 94 Resp: 134875
Ion Ratio Lower Upper
94 100
65 39.0 14.8 54.8
66 60.5 41.4 81.4





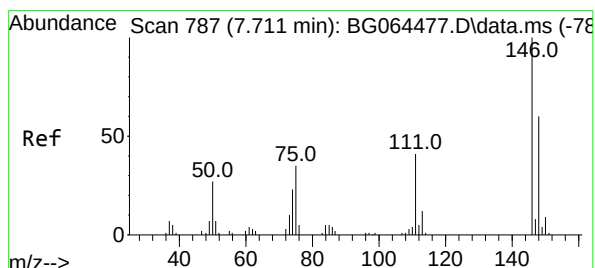
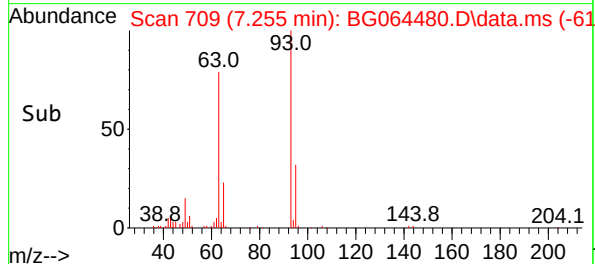
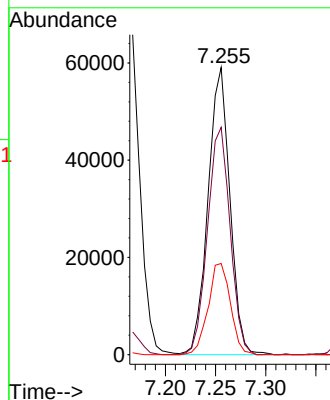
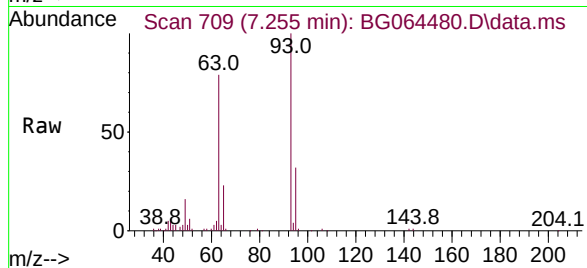
#11
bis(2-Chloroethyl)ether
Concen: 76.500 ng
RT: 7.255 min Scan# 708
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 89425
Ion Ratio Lower Upper
93 100
63 79.2 59.5 99.5
95 31.7 8.8 48.8

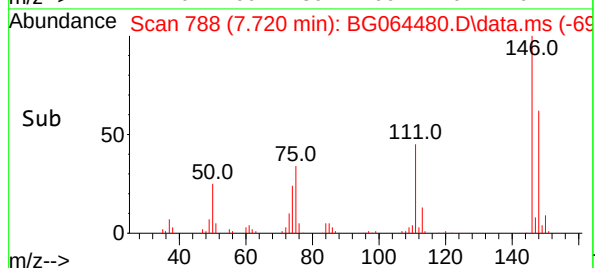
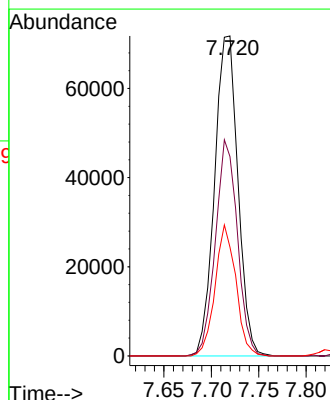
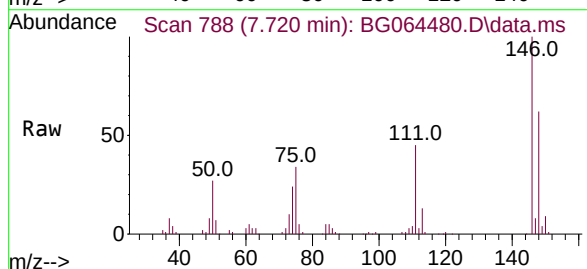
Manual Integrations
APPROVED

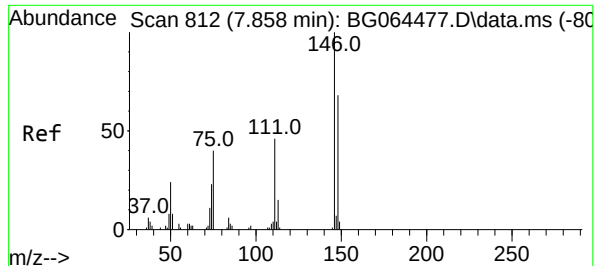
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12
1,3-Dichlorobenzene
Concen: 75.107 ng
RT: 7.720 min Scan# 788
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:146 Resp: 122844
Ion Ratio Lower Upper
146 100
148 62.3 48.4 72.6
75 34.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 75.917 ng

RT: 7.861 min Scan# 812

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 124619

Ion Ratio Lower Upper

146 100

148 65.4 54.4 81.6

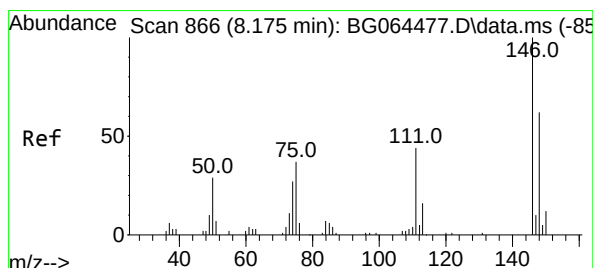
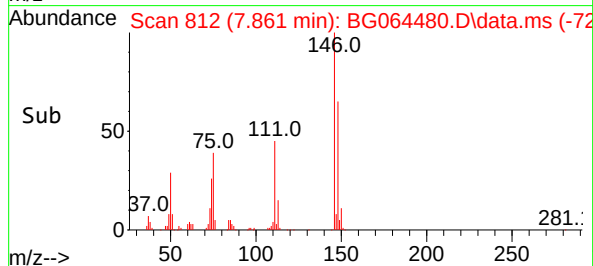
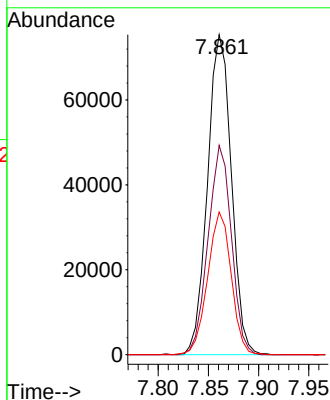
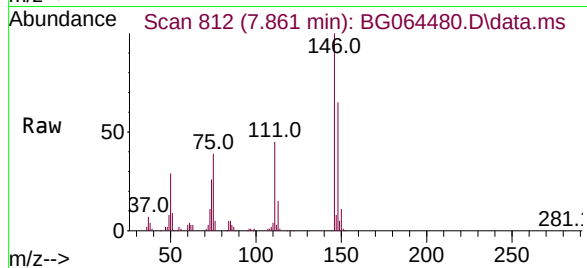
111 44.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 74.398 ng

RT: 8.178 min Scan# 866

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

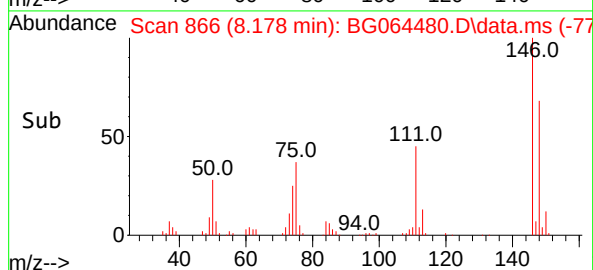
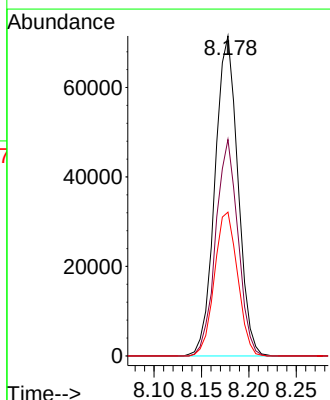
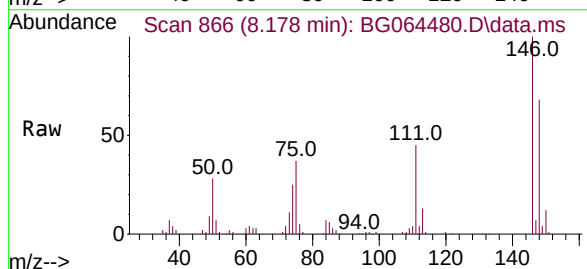
Tgt Ion:146 Resp: 120364

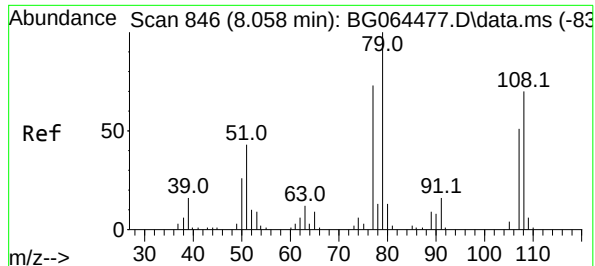
Ion Ratio Lower Upper

146 100

148 67.6 50.0 75.0

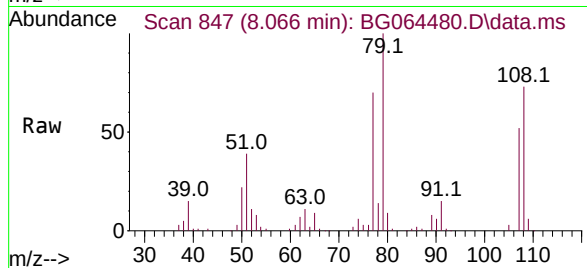
111 44.9 35.0 52.4





#15
Benzyl Alcohol
Concen: 78.483 ng
RT: 8.066 min Scan# 846
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

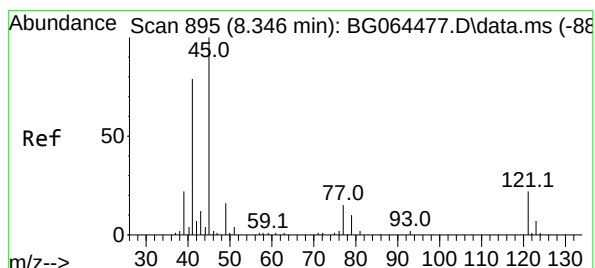
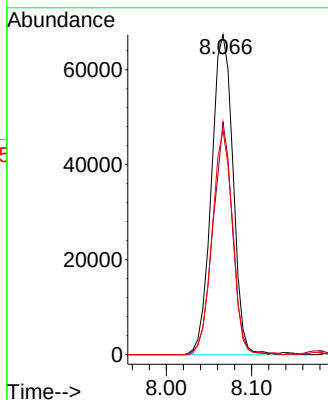
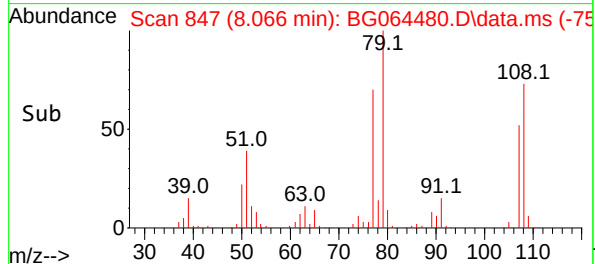
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



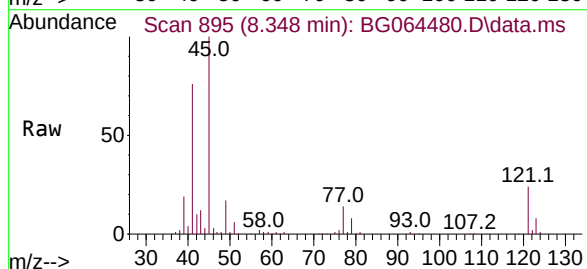
Tgt Ion: 79 Resp: 118265
Ion Ratio Lower Upper
79 100
108 72.7 56.4 84.6
77 70.1 58.3 87.5

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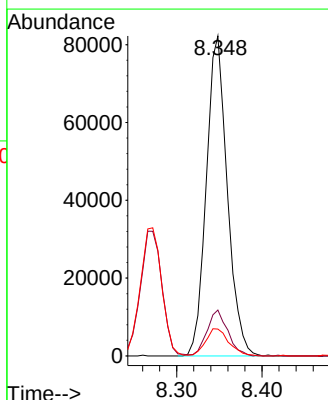
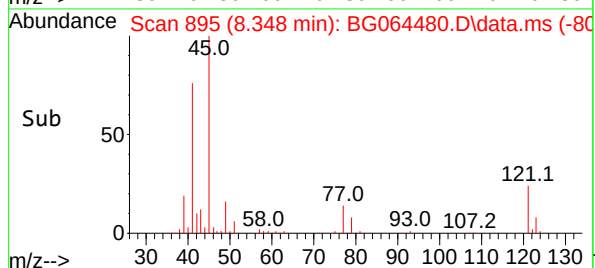
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

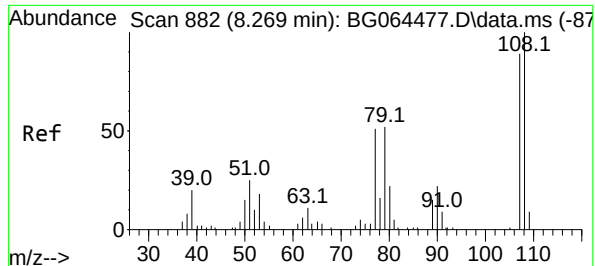


#16
2,2'-oxybis(1-chloropropane)
Concen: 74.507 ng
RT: 8.348 min Scan# 895
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



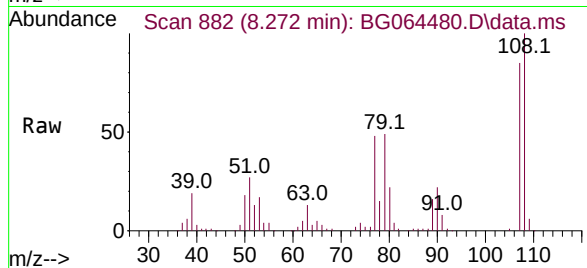
Tgt Ion: 45 Resp: 140388
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.6
79 8.4 0.0 30.7





#17
2-Methylphenol
Concen: 77.657 ng
RT: 8.272 min Scan# 882
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

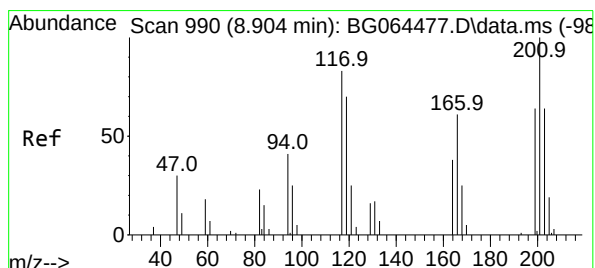
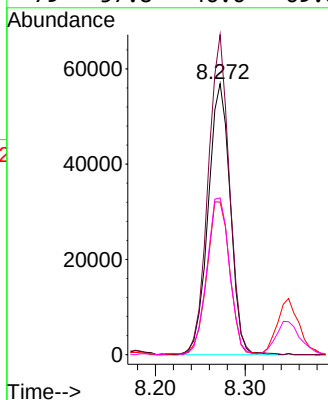
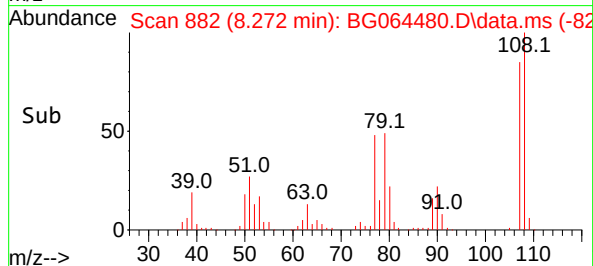
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



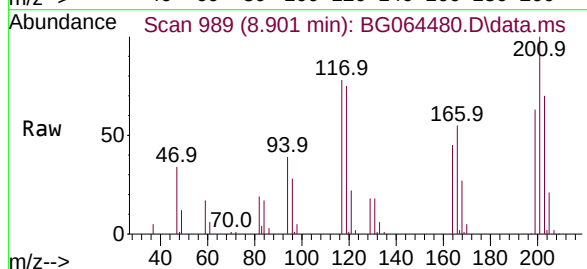
Tgt Ion:107 Resp: 97064
Ion Ratio Lower Upper
107 100
108 118.1 90.3 135.5
77 56.3 46.0 69.0
79 57.8 46.6 69.8

Manual Integrations
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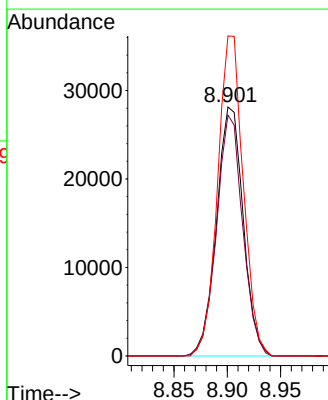
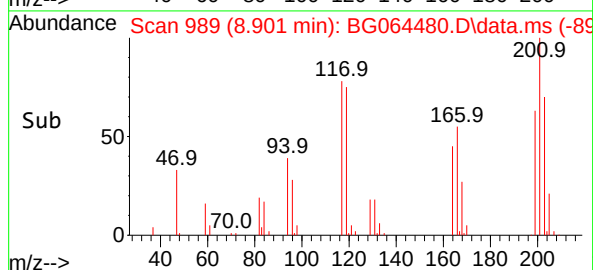
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

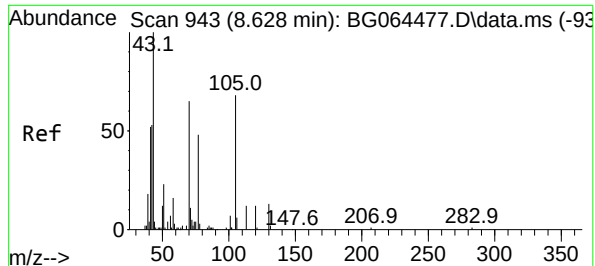


#18
Hexachloroethane
Concen: 75.666 ng
RT: 8.901 min Scan# 989
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:117 Resp: 49027
Ion Ratio Lower Upper
117 100
119 96.7 67.4 101.0
201 128.6 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 76.290 ng

RT: 8.636 min Scan# 94

Delta R.T. 0.023 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 83485

Ion Ratio Lower Upper

70 100

42 90.4 64.9 97.3

101 10.3 8.7 13.1

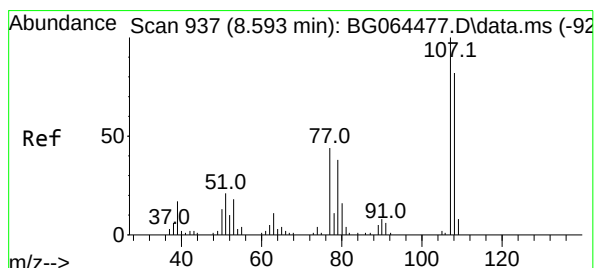
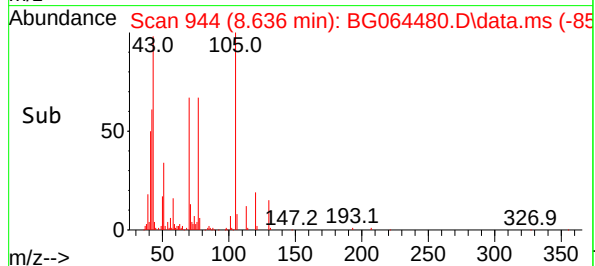
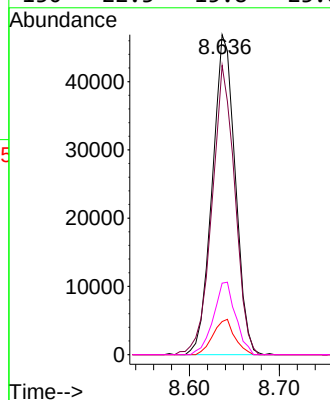
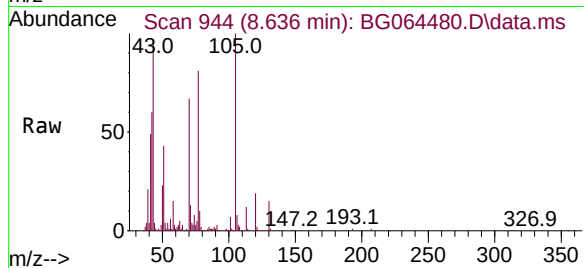
130 22.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 77.191 ng

RT: 8.607 min Scan# 939

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 134638

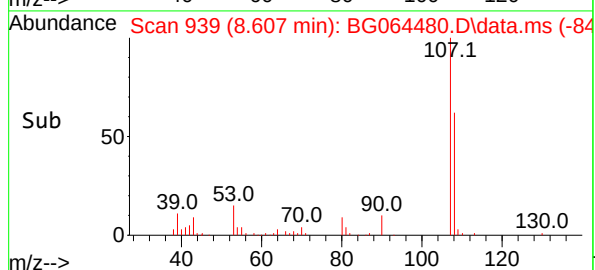
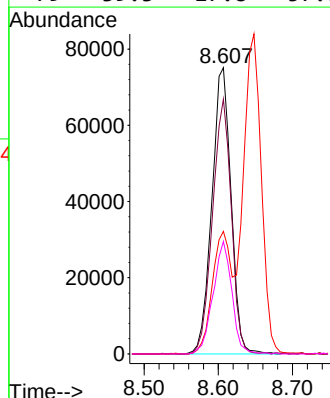
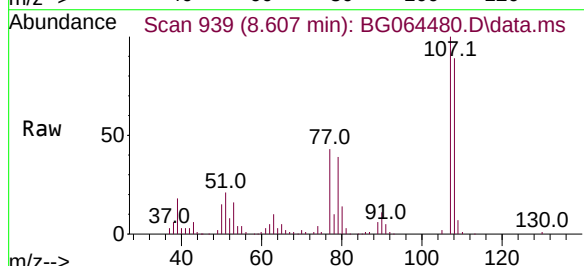
Ion Ratio Lower Upper

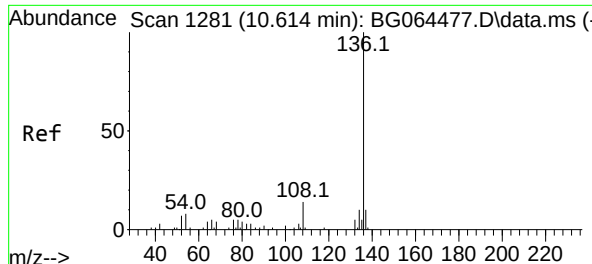
107 100

108 89.1 62.1 102.1

77 42.8 23.5 63.5

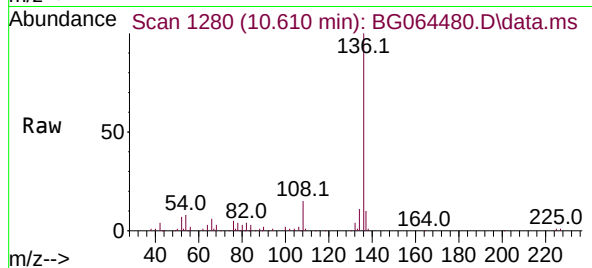
79 39.3 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1281
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

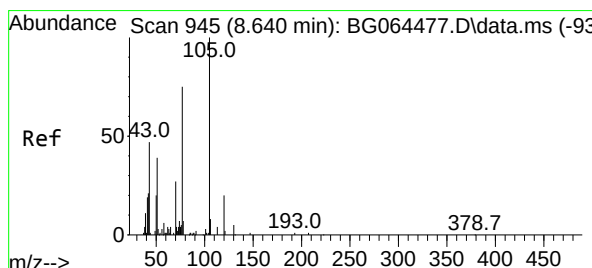
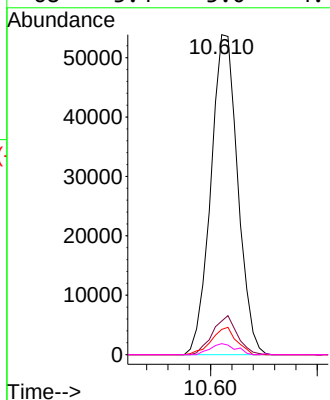
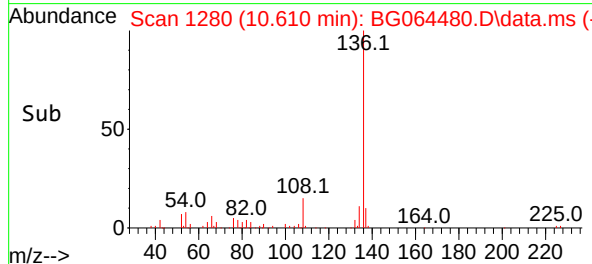
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 94569
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 7.9 6.2 9.4
68 3.4 3.0 4.4

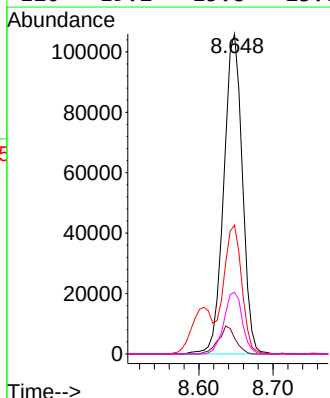
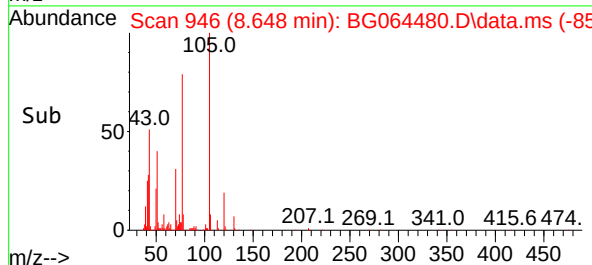
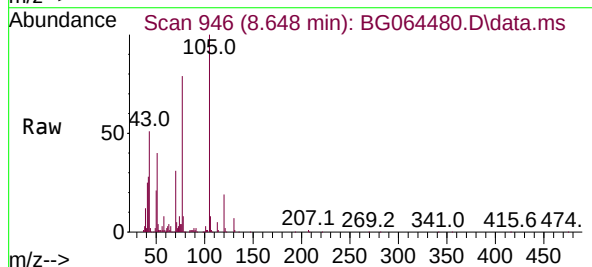
Manual Integrations
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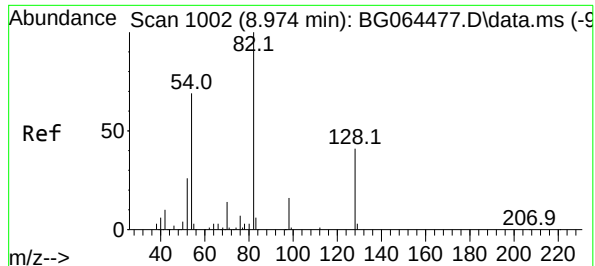
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 80.227 ng
RT: 8.648 min Scan# 946
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:105 Resp: 183701
Ion Ratio Lower Upper
105 100
71 4.9 2.8 4.2#
51 40.2 33.0 49.4
120 19.2 15.8 23.6





#23

Nitrobenzene-d5

Concen: 158.678 ng

RT: 8.989 min Scan# 1004

Delta R.T. 0.023 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 279078

Ion Ratio Lower Upper

82 100

128 41.3 33.1 49.7

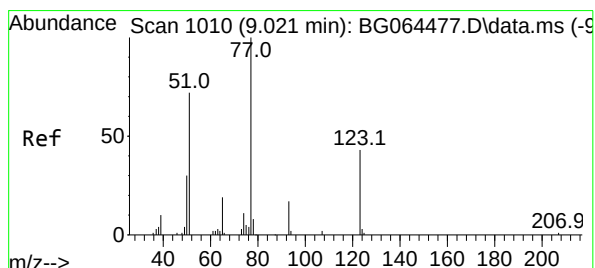
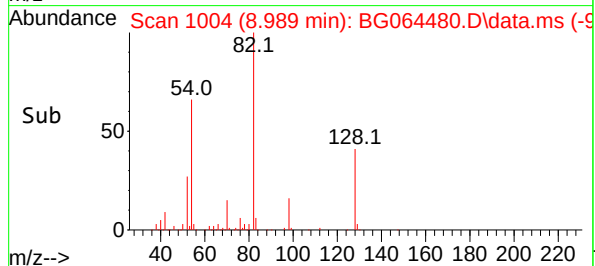
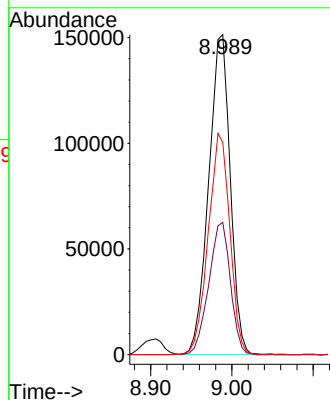
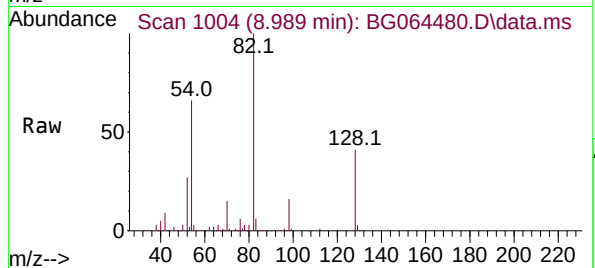
54 66.3 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 77.123 ng

RT: 9.024 min Scan# 1010

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

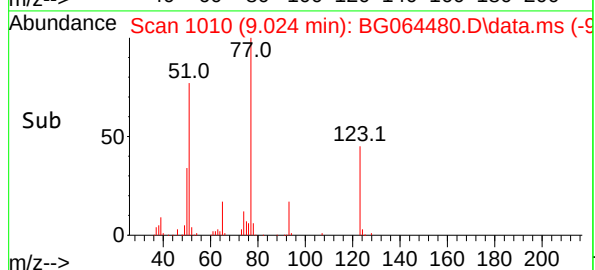
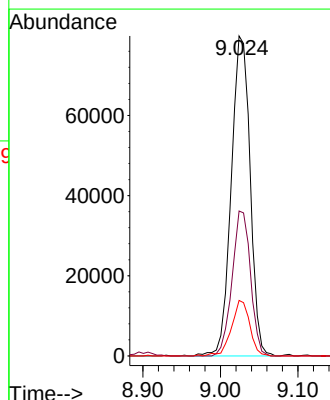
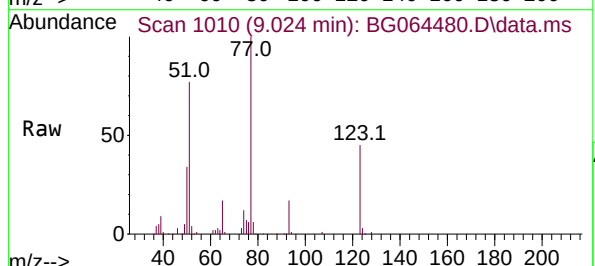
Tgt Ion: 77 Resp: 135264

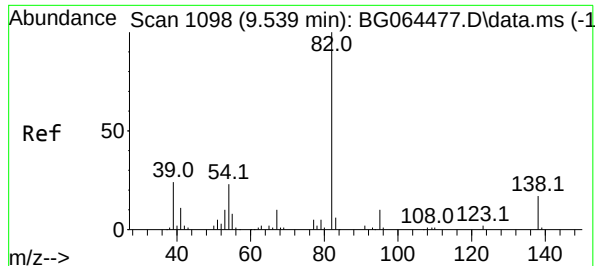
Ion Ratio Lower Upper

77 100

123 45.3 34.4 51.6

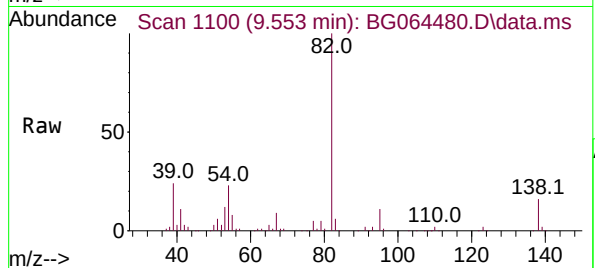
65 17.3 14.8 22.2





#25
Isophorone
Concen: 77.188 ng
RT: 9.553 min Scan# 1100
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

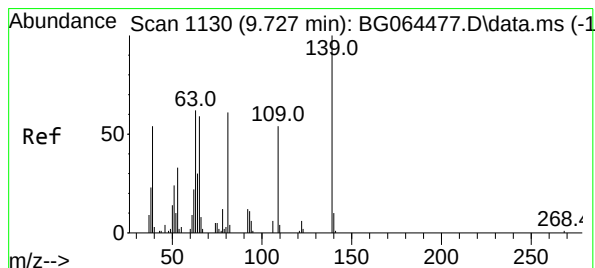
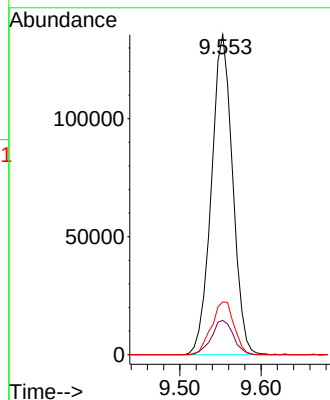
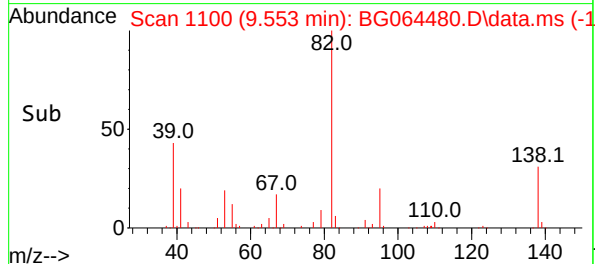
Instrument :
BNA_G
Client Sample Id :
SSTDICC080



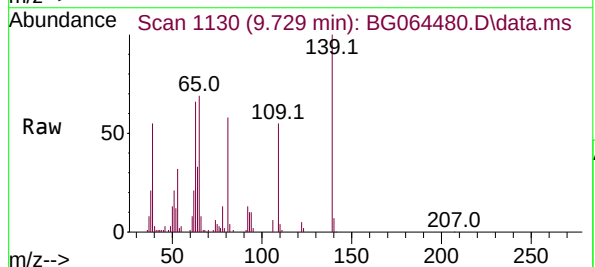
Tgt Ion: 82 Resp: 245935
Ion Ratio Lower Upper
82 100
95 10.7 7.8 11.8
138 16.5 13.8 20.6

Manual Integrations
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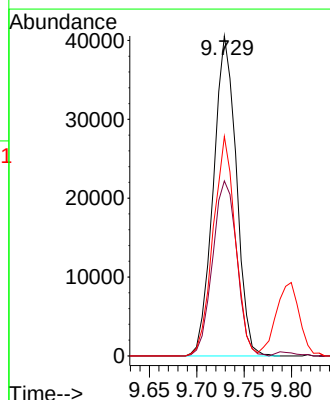
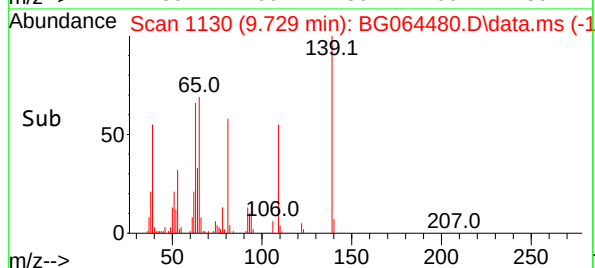
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

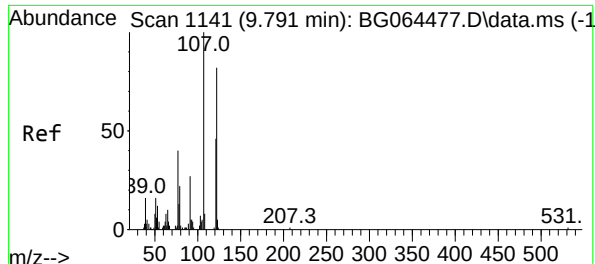


#26
2-Nitrophenol
Concen: 78.281 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:139 Resp: 68332
Ion Ratio Lower Upper
139 100
109 54.7 43.0 64.6
65 68.6 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 79.619 ng

RT: 9.794 min Scan# 1141

Delta R.T. 0.011 min

Lab File: BG064480.D

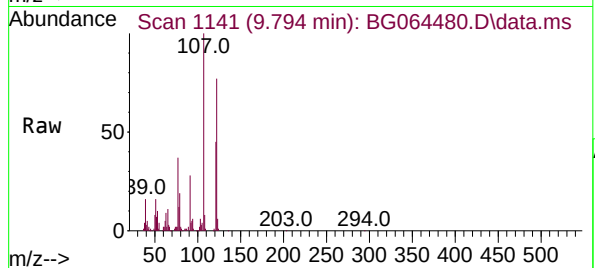
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 10615

Ion Ratio Lower Upper

122 100

107 129.4 98.3 147.5

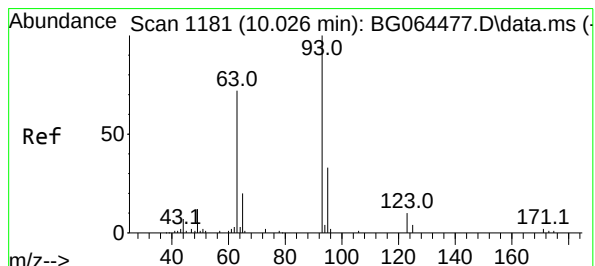
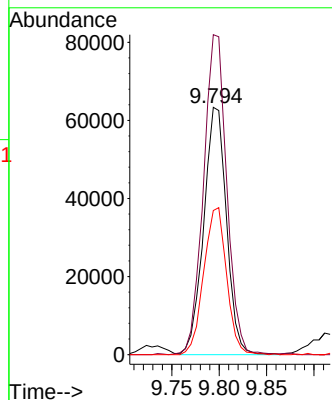
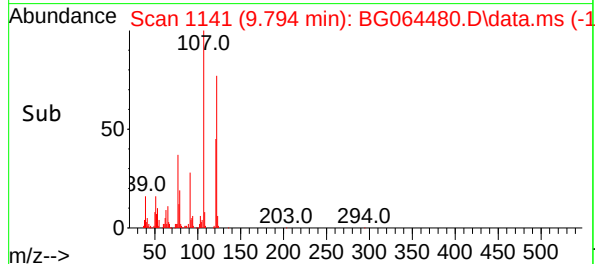
121 58.2 44.7 67.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

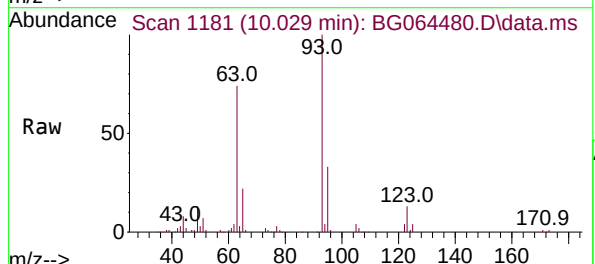
Concen: 79.313 ng

RT: 10.029 min Scan# 1181

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16



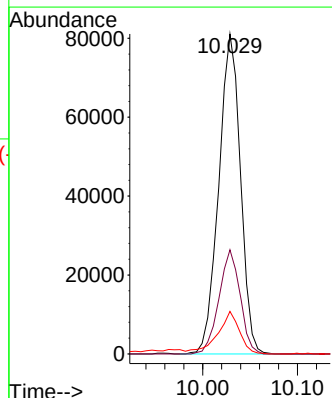
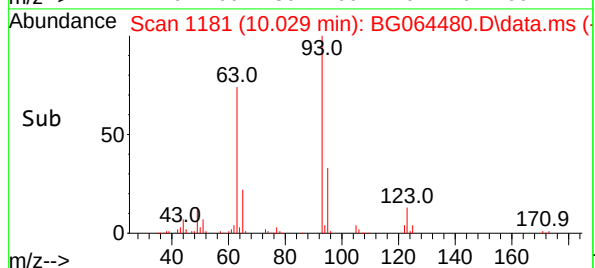
Tgt Ion: 93 Resp: 128813

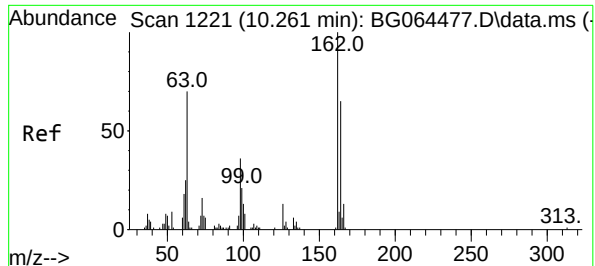
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 13.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 81.436 ng

RT: 10.264 min Scan# 1221

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

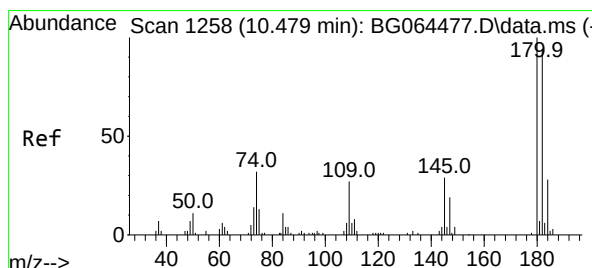
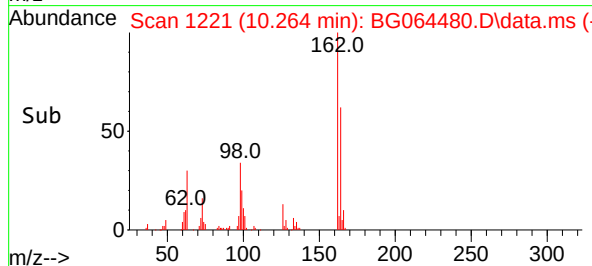
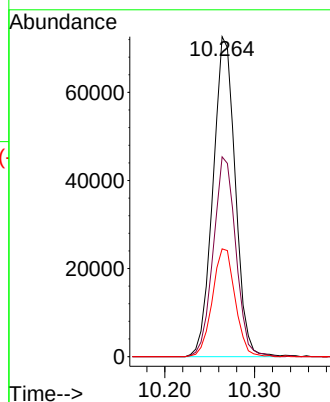
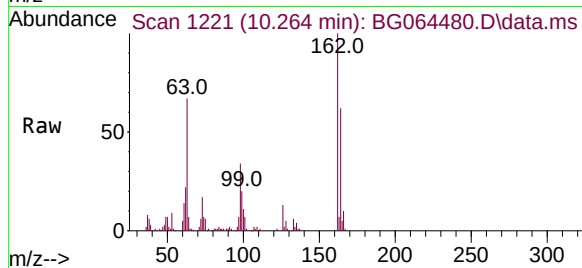
SSTDICC080

Tgt Ion:	162	Resp:	125552
Ion Ratio	Lower	Upper	
162	100		
164	62.5	45.4	85.4
98	33.7	16.4	56.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 78.115 ng

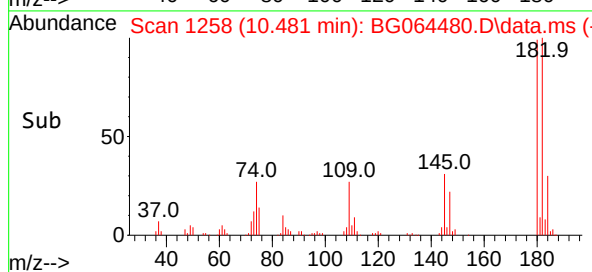
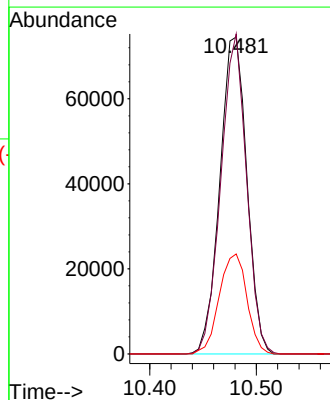
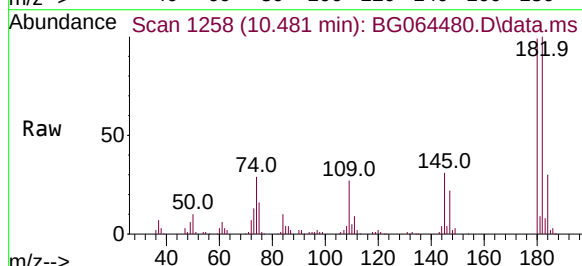
RT: 10.481 min Scan# 1258

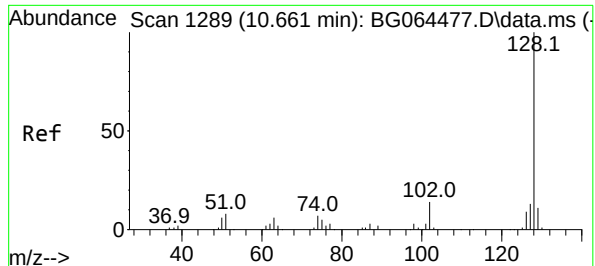
Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

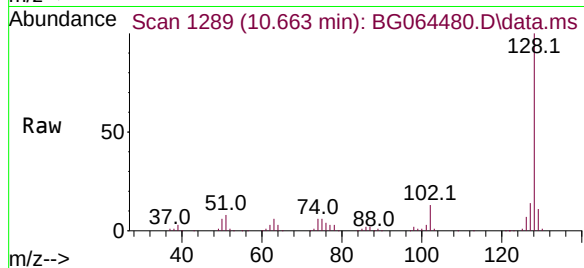
Tgt Ion:	180	Resp:	131315
Ion Ratio	Lower	Upper	
180	100		
182	101.0	75.4	113.2
145	31.5	23.2	34.8





#31
Naphthalene
Concen: 78.560 ng
RT: 10.663 min Scan# 1178
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

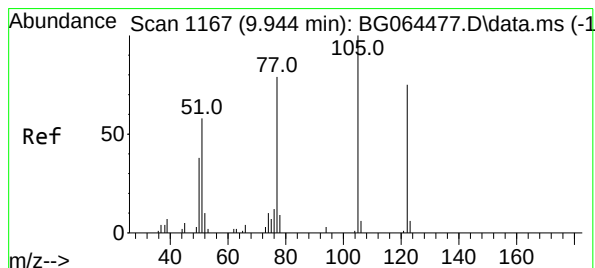
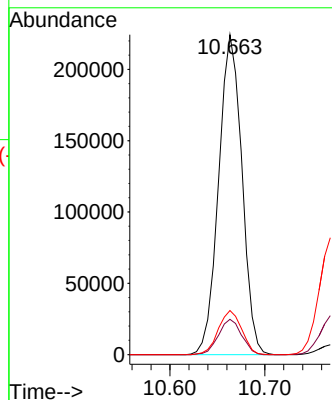
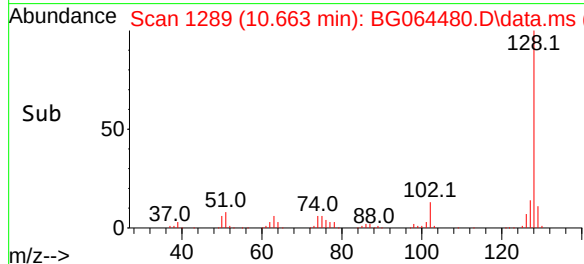
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 382573
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.2 15.2

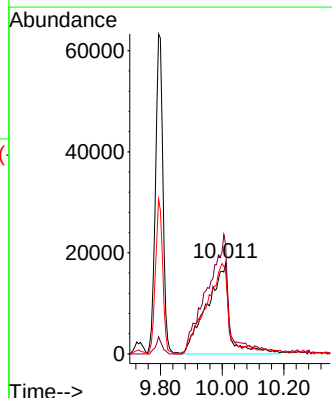
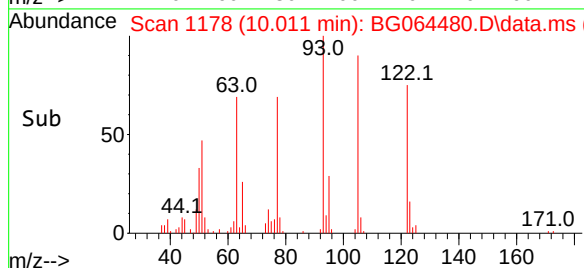
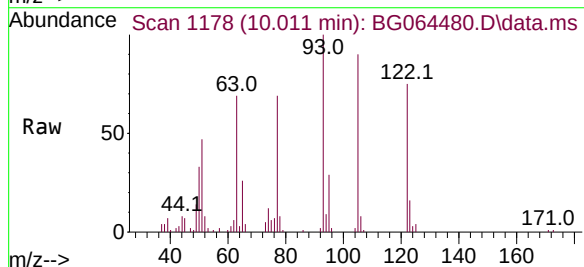
Manual Integrations
APPROVED

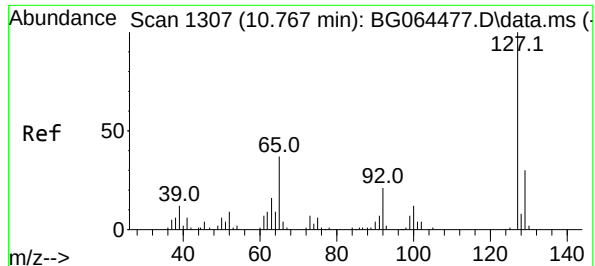
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 89.680 ng m
RT: 10.011 min Scan# 1178
Delta R.T. 0.122 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

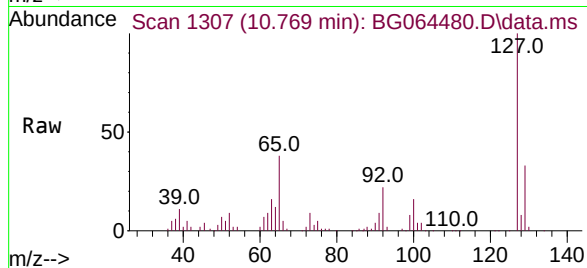
Tgt Ion:122 Resp: 91798
Ion Ratio Lower Upper
122 100
105 120.9 113.9 153.9
77 92.4 86.1 126.1





#33
4-Chloroaniline
Concen: 79.425 ng
RT: 10.769 min Scan# 1307
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

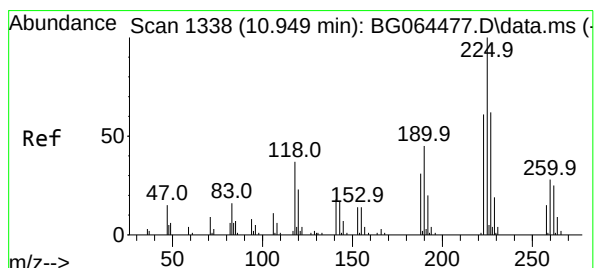
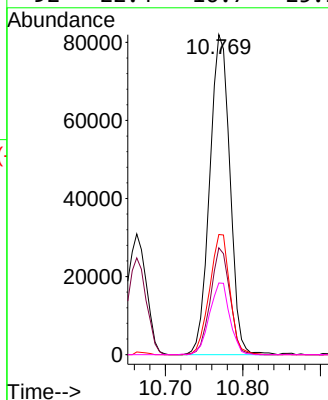
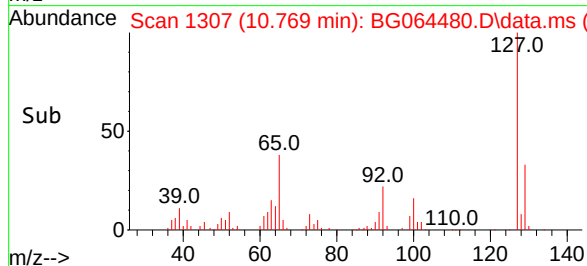
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



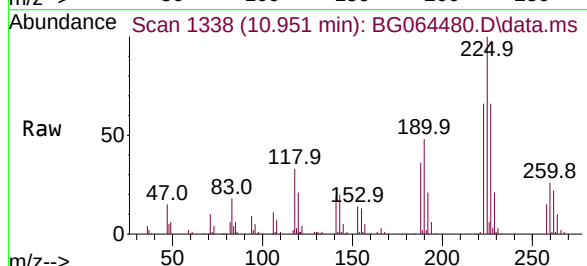
Tgt Ion:127 Resp: 148423
Ion Ratio Lower Upper
127 100
129 33.4 24.2 36.4
65 37.5 29.6 44.4
92 22.4 16.7 25.1

Manual Integrations
APPROVED

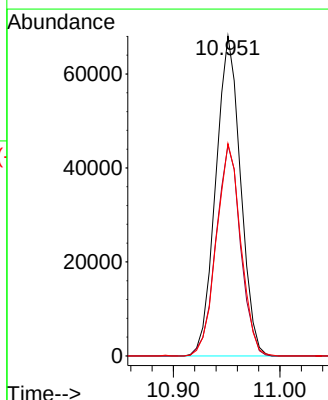
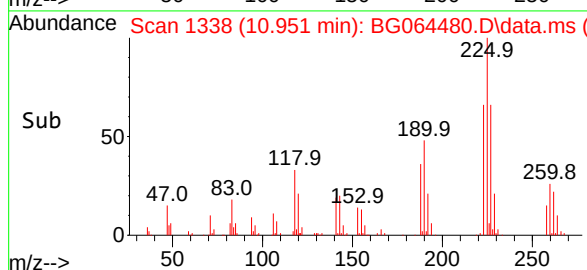
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

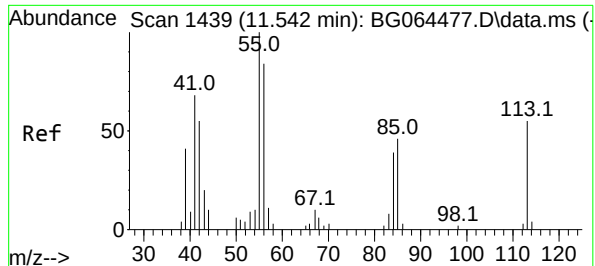


#34
Hexachlorobutadiene
Concen: 76.374 ng
RT: 10.951 min Scan# 1338
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



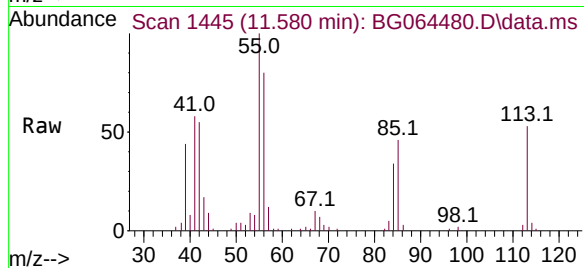
Tgt Ion:225 Resp: 109953
Ion Ratio Lower Upper
225 100
223 65.9 49.0 73.6
227 66.3 49.9 74.9





#35
Caprolactam
Concen: 76.417 ng
RT: 11.580 min Scan# 1439
Delta R.T. 0.070 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

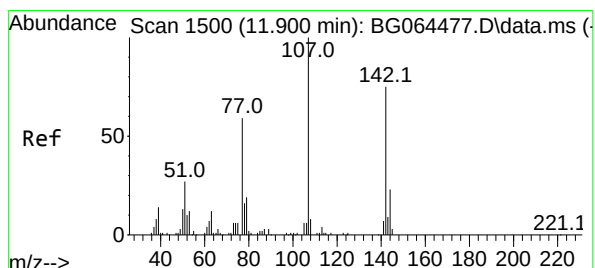
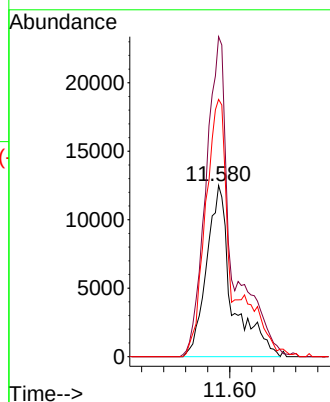
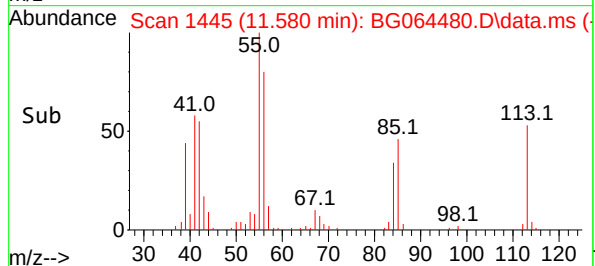
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 40333
Ion Ratio Lower Upper
113 100
55 187.1 162.0 202.0
56 150.3 134.6 174.6

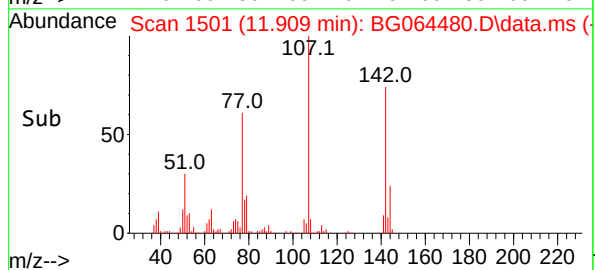
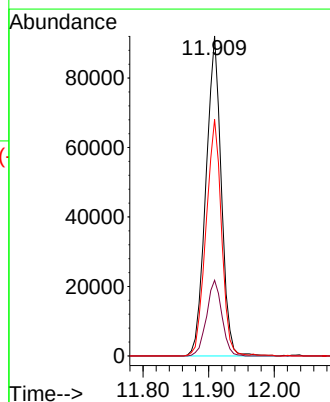
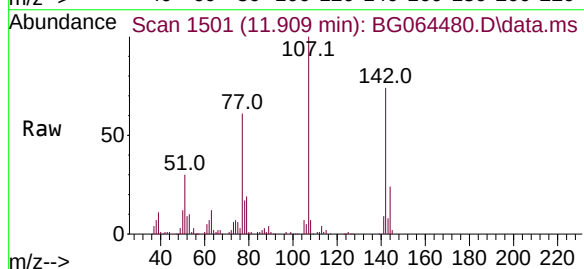
Manual Integrations
APPROVED

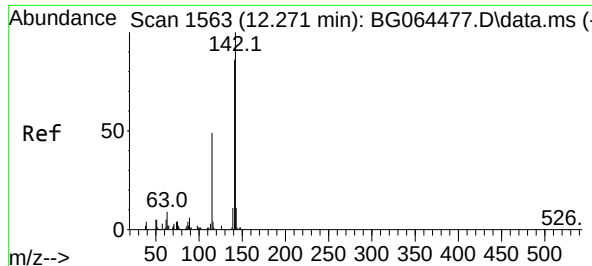
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 79.618 ng
RT: 11.909 min Scan# 1501
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 149274
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 73.9 60.2 90.2





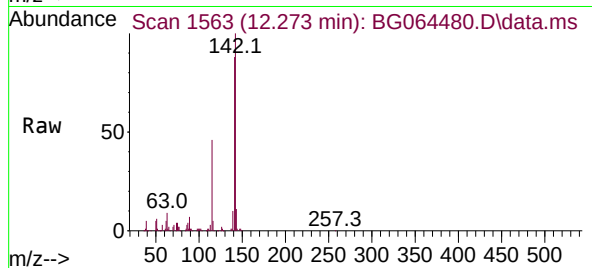
#37
2-Methylnaphthalene
Concen: 77.931 ng
RT: 12.273 min Scan# 1563
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

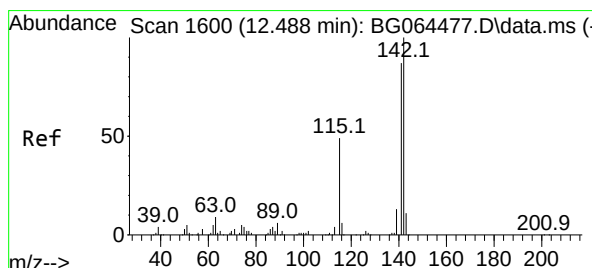
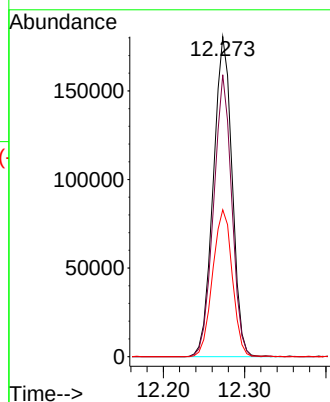
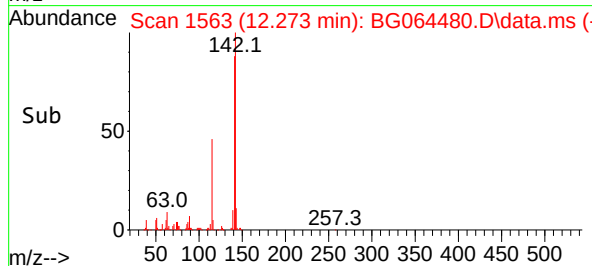
SSTDICC080



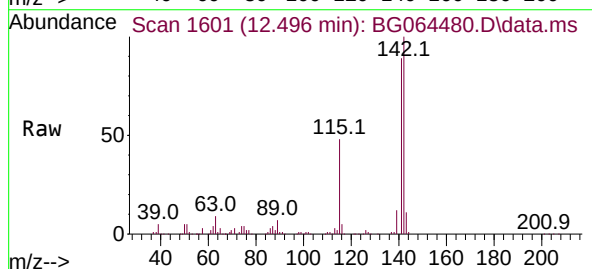
Tgt Ion:142 Resp: 291318
Ion Ratio Lower Upper
142 100
141 88.1 68.7 103.1
115 45.9 39.3 58.9

Manual Integrations
APPROVED

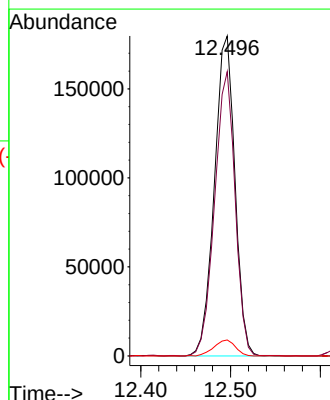
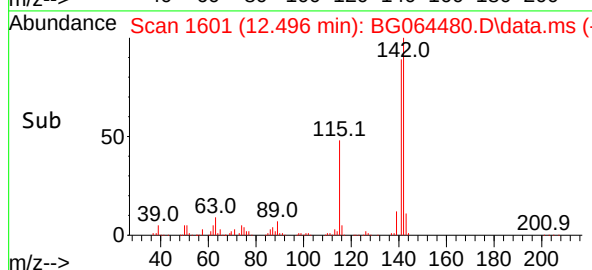
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

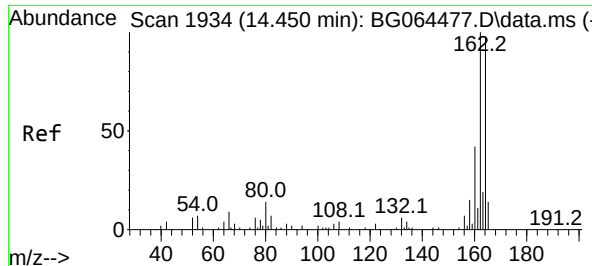


#38
1-Methylnaphthalene
Concen: 76.924 ng
RT: 12.496 min Scan# 1601
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:142 Resp: 286731
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.8
116 5.0 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.453 min Scan# 1934

Delta R.T. 0.005 min

Lab File: BG064480.D

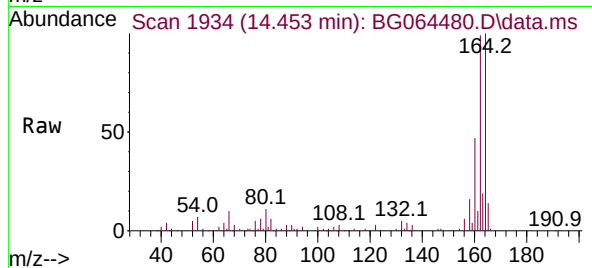
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 72073

Ion Ratio Lower Upper

164 100

162 98.7 82.2 123.2

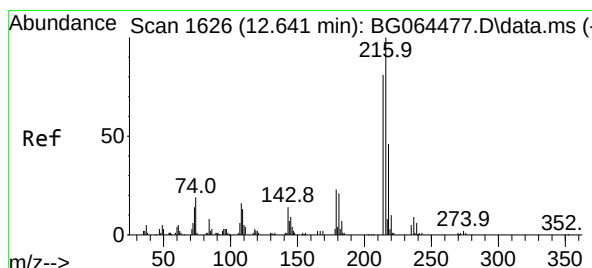
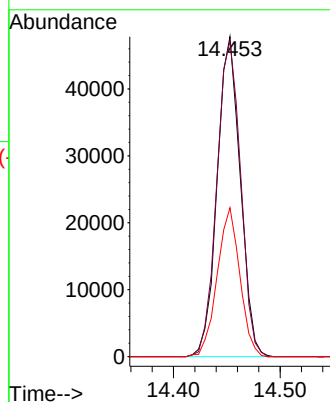
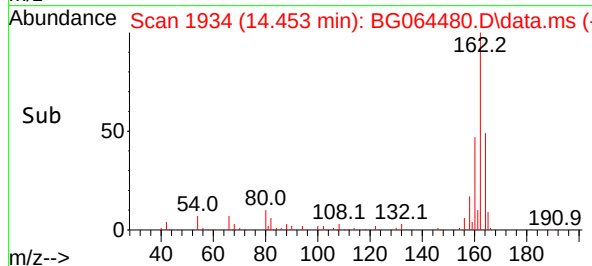
160 46.5 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.056 ng

RT: 12.643 min Scan# 1626

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Tgt Ion:216 Resp: 186298

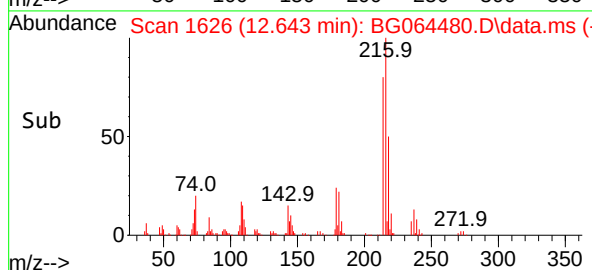
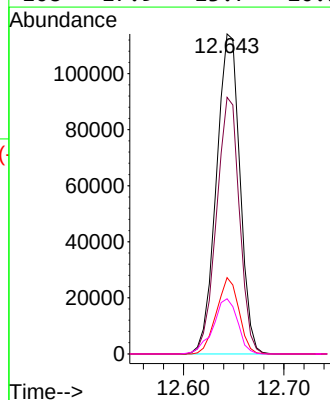
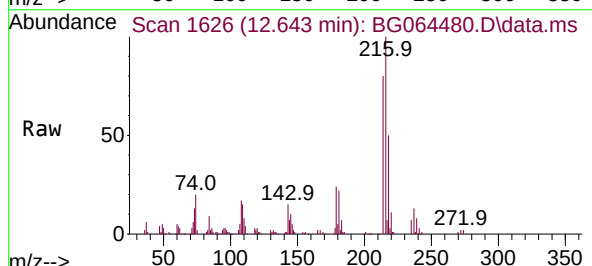
Ion Ratio Lower Upper

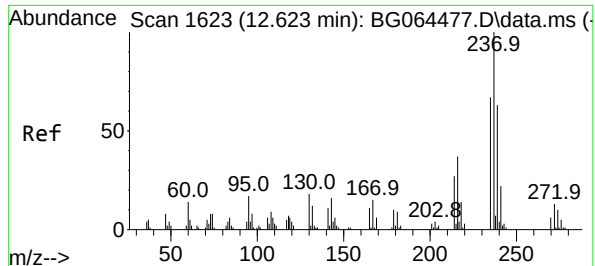
216 100

214 78.0 62.5 93.7

179 22.7 17.0 25.6

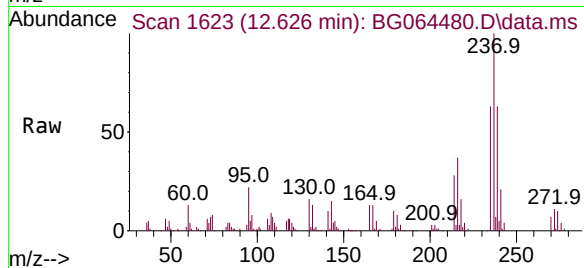
108 17.9 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 84.207 ng
RT: 12.626 min Scan# 1623
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

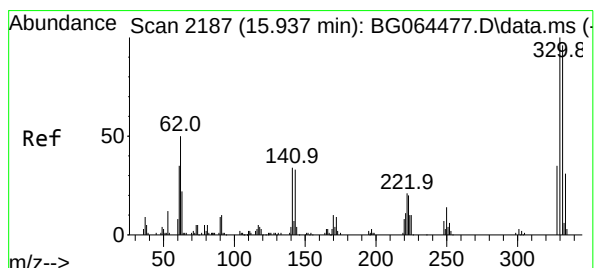
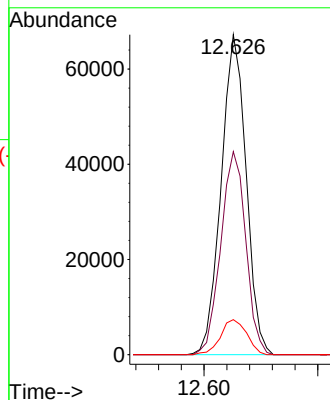
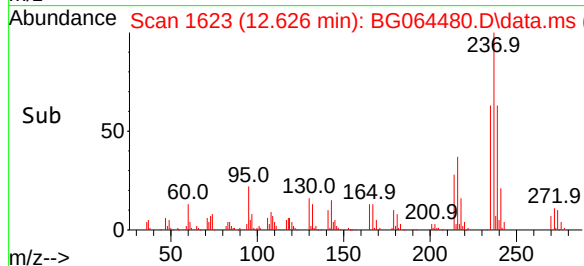
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



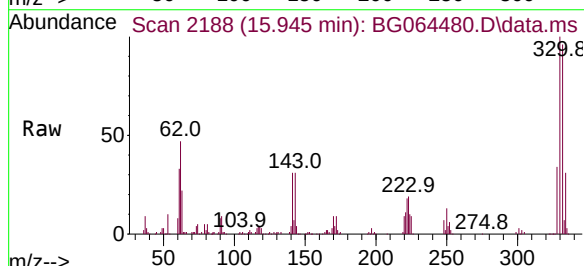
Tgt Ion:237 Resp: 102505
Ion Ratio Lower Upper
237 100
235 63.4 46.9 86.9
272 10.9 0.0 32.6

Manual Integrations
APPROVED

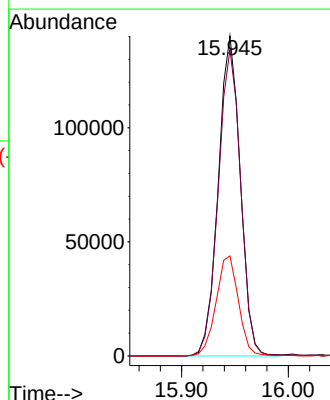
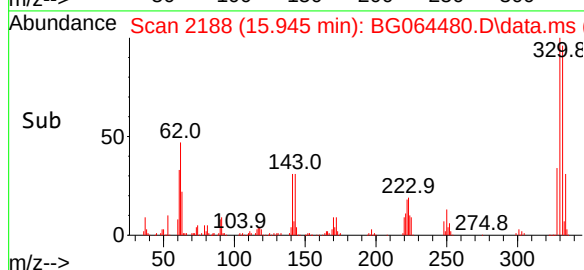
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

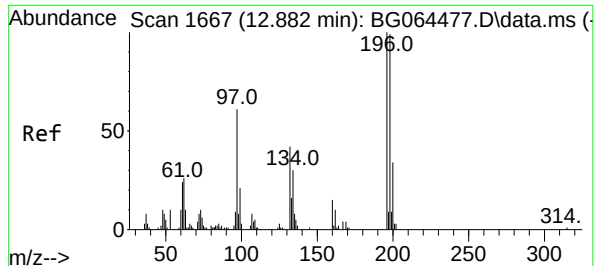


#42
2,4,6-Tribromophenol
Concen: 153.817 ng
RT: 15.945 min Scan# 2188
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



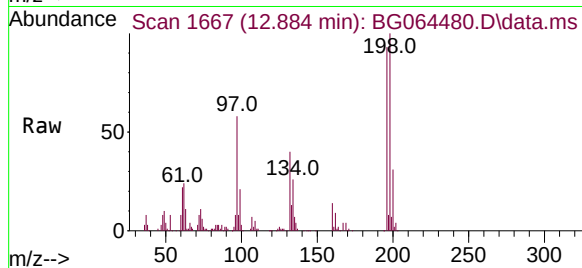
Tgt Ion:330 Resp: 200950
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 31.9 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 80.265 ng
RT: 12.884 min Scan# 1667
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

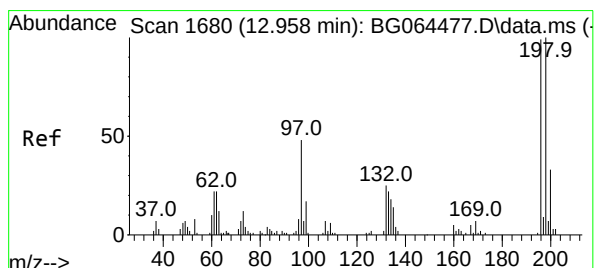
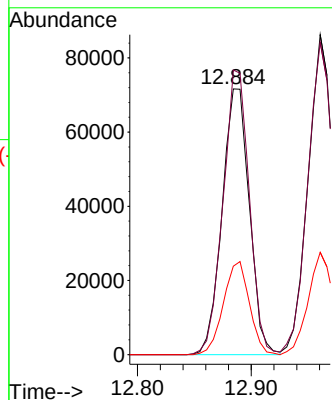
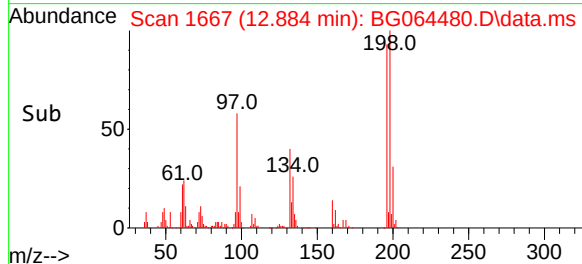
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



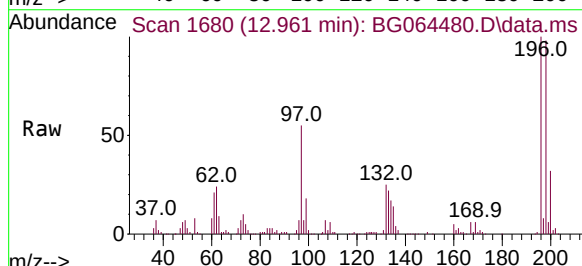
Tgt Ion:196 Resp: 119404
Ion Ratio Lower Upper
196 100
198 107.1 79.3 118.9
200 33.3 27.4 41.2

Manual Integrations
APPROVED

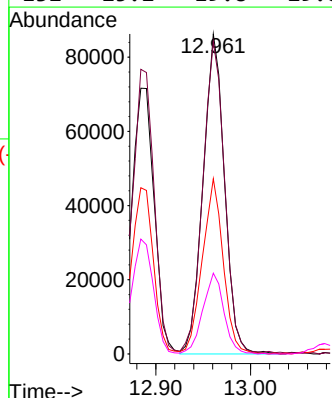
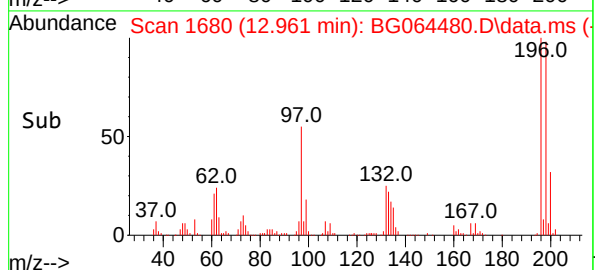
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

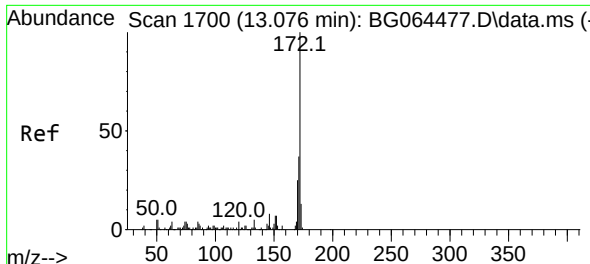


#44
2,4,5-Trichlorophenol
Concen: 81.602 ng
RT: 12.961 min Scan# 1680
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:196 Resp: 135525
Ion Ratio Lower Upper
196 100
198 97.6 80.3 120.5
97 54.8 39.4 59.0
132 25.2 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 154.518 ng
RT: 13.078 min Scan# 1700
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

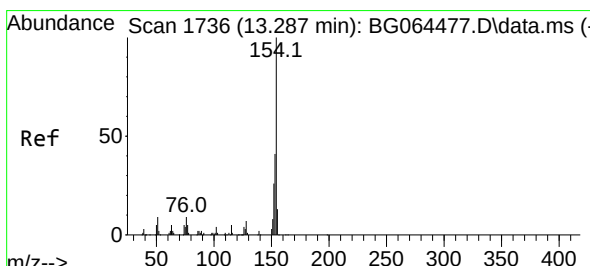
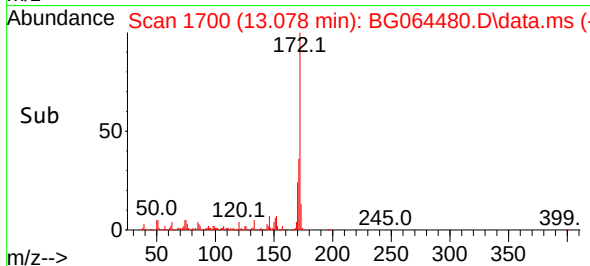
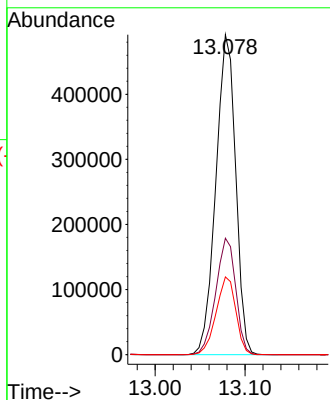
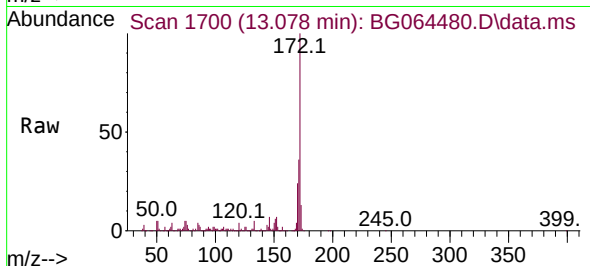
ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 755535
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.3 20.2 30.2

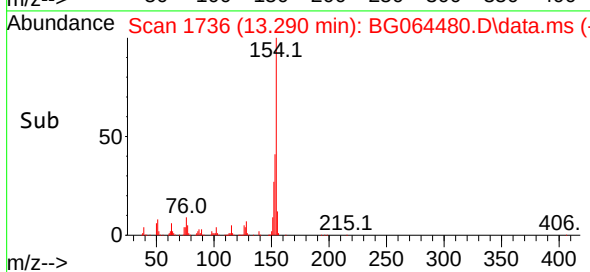
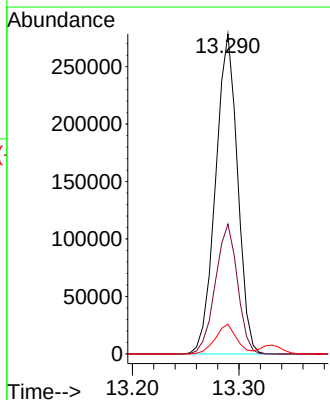
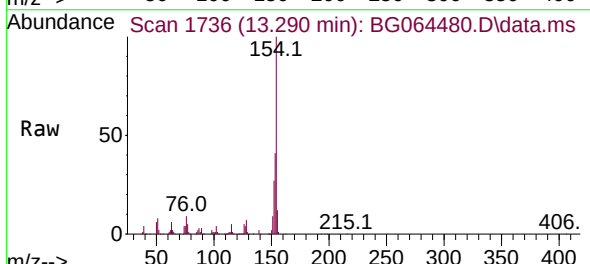
Manual Integrations
APPROVED

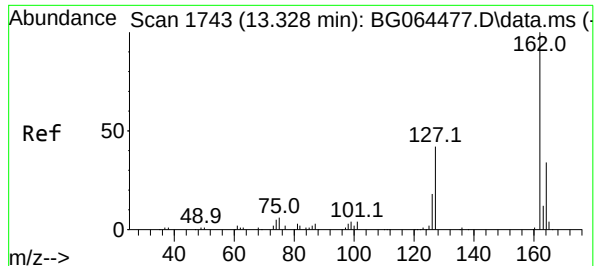
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 77.125 ng
RT: 13.290 min Scan# 1736
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:154 Resp: 399798
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 9.3 0.0 29.3





#47

2-Chloronaphthalene

Concen: 77.951 ng

RT: 13.331 min Scan# 1743

Delta R.T. 0.011 min

Lab File: BG064480.D

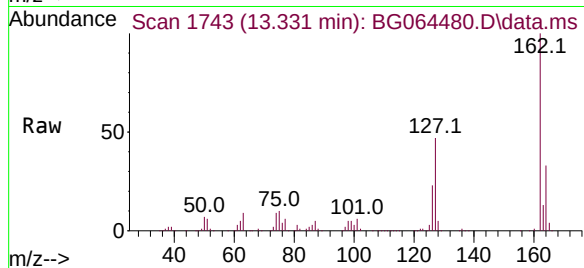
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 30169

Ion Ratio Lower Upper

162 100

127 47.2 35.8 53.8

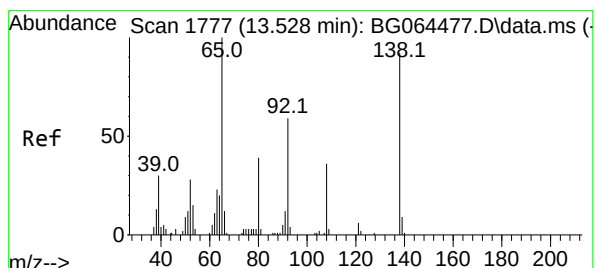
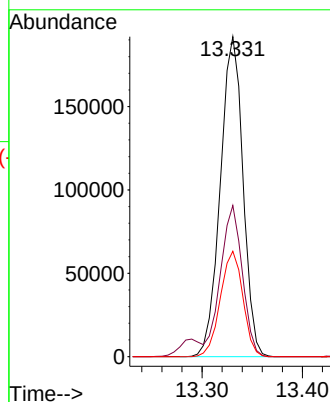
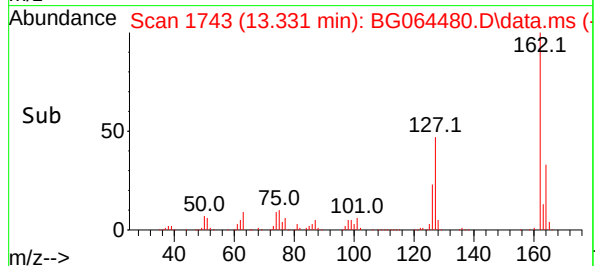
164 32.9 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 79.555 ng

RT: 13.530 min Scan# 1777

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

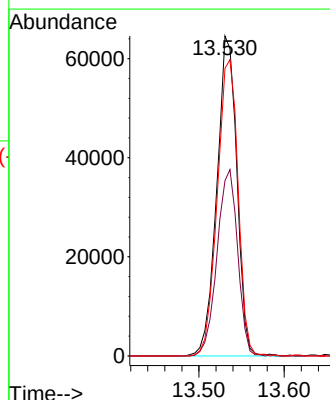
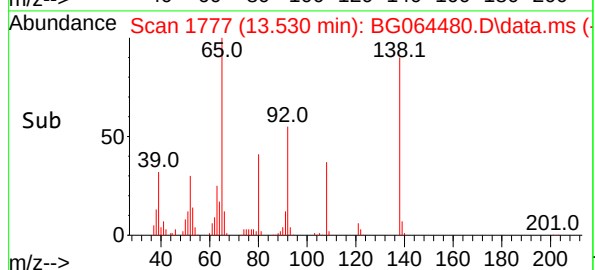
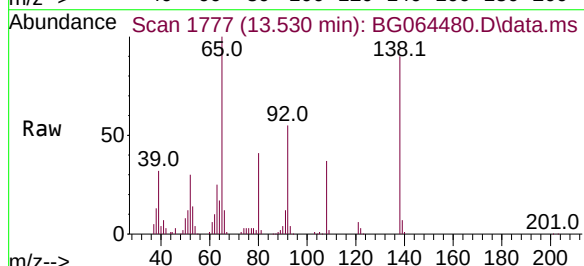
Tgt Ion: 65 Resp: 105087

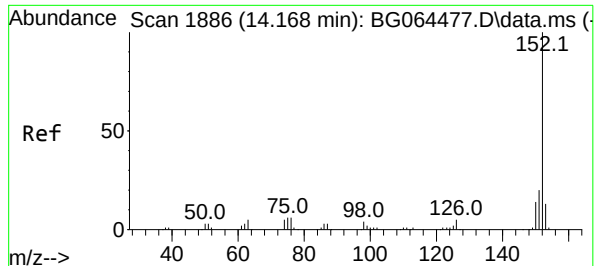
Ion Ratio Lower Upper

65 100

92 54.8 47.0 70.6

138 89.8 73.5 110.3





#49

Acenaphthylene

Concen: 77.600 ng

RT: 14.177 min Scan# 1887

Delta R.T. 0.005 min

Lab File: BG064480.D

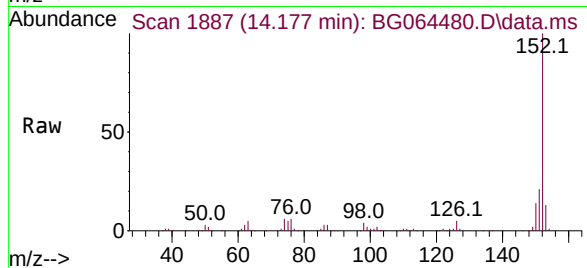
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

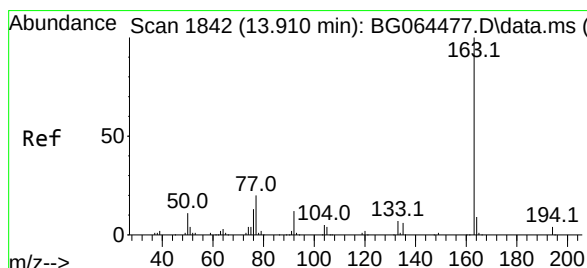
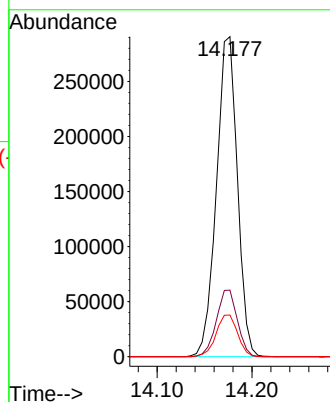
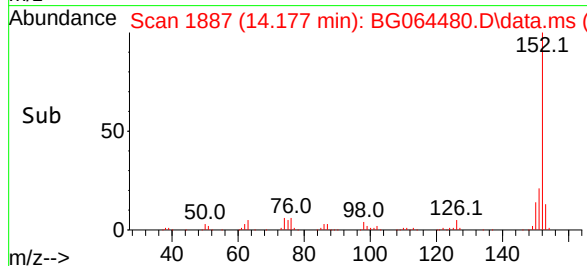


Tgt Ion:152	Resp: 445834
Ion Ratio	Lower Upper
152	100
151	20.8 15.8 23.6
153	13.0 10.6 15.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

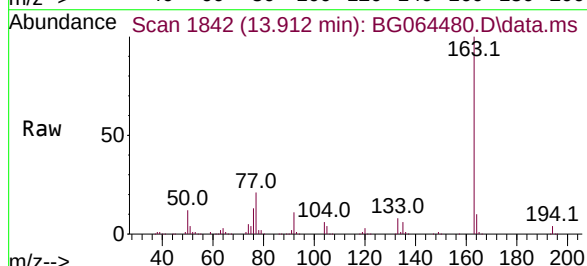
Concen: 76.251 ng

RT: 13.912 min Scan# 1842

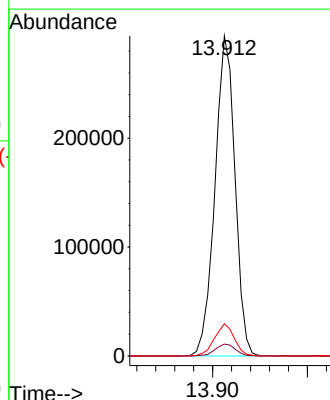
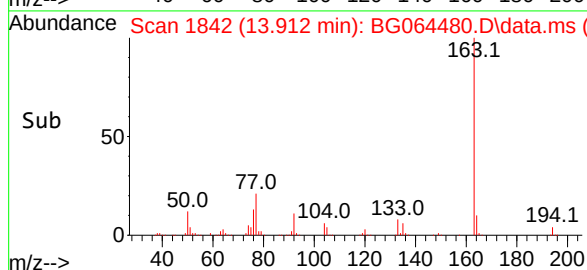
Delta R.T. 0.011 min

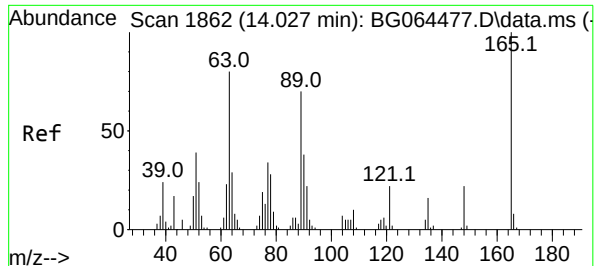
Lab File: BG064480.D

Acq: 2 Oct 2025 14:16



Tgt Ion:163	Resp: 430419
Ion Ratio	Lower Upper
163	100
194	3.7 2.9 4.3
164	10.0 7.4 11.0





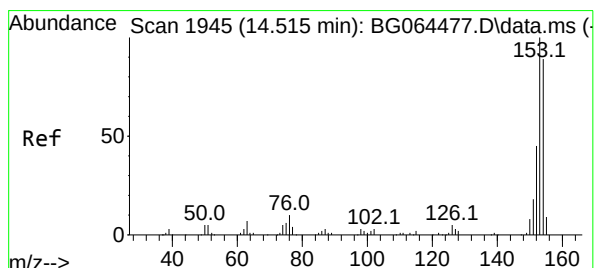
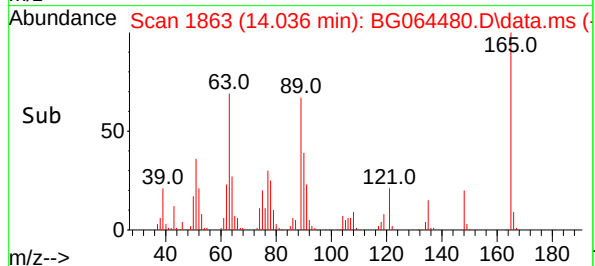
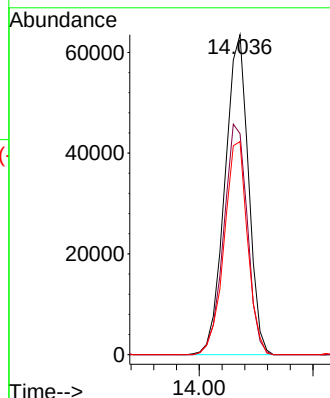
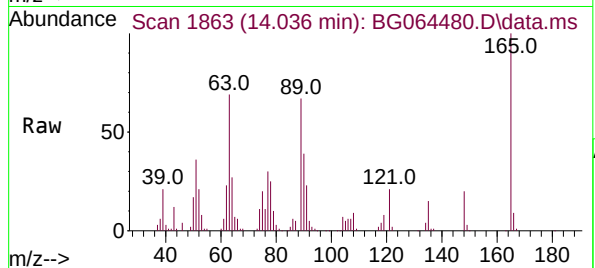
#51
2,6-Dinitrotoluene
Concen: 77.551 ng
RT: 14.036 min Scan# 1862
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 91191
Ion Ratio Lower Upper
165 100
63 69.0 63.9 95.9
89 66.6 56.1 84.1

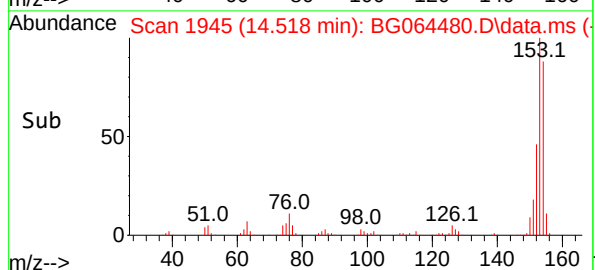
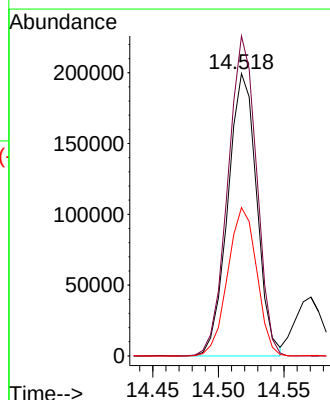
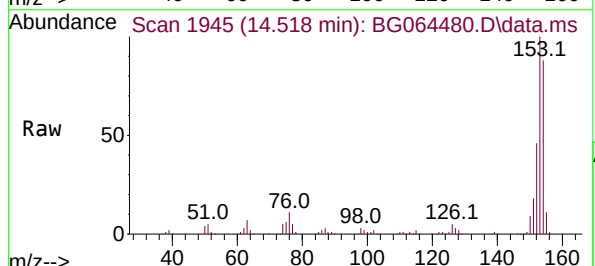
Manual Integrations
APPROVED

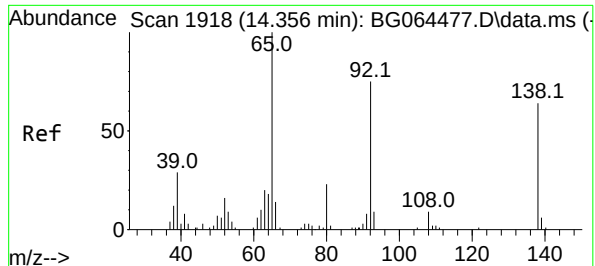
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 76.421 ng
RT: 14.518 min Scan# 1945
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

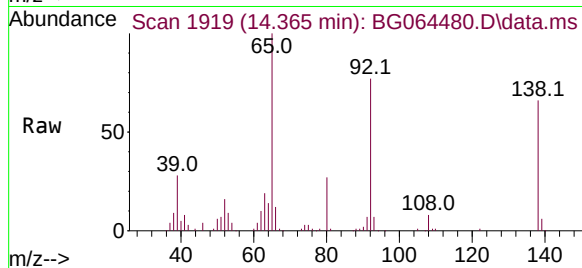
Tgt Ion:154 Resp: 305038
Ion Ratio Lower Upper
154 100
153 113.3 90.2 135.4
152 52.5 40.2 60.4





#53
3-Nitroaniline
Concen: 78.688 ng
RT: 14.365 min Scan# 1918
Delta R.T. 0.017 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

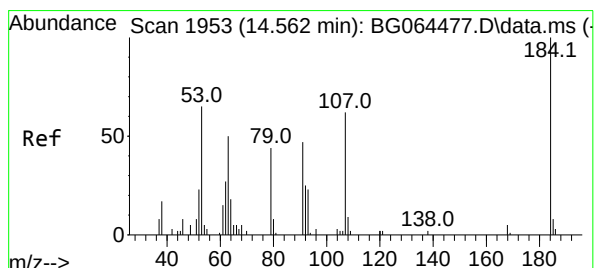
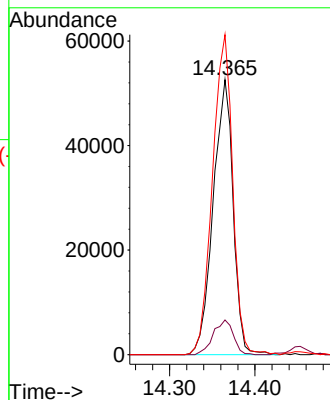
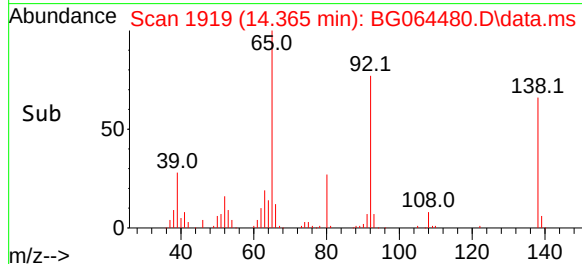
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 85333
Ion Ratio Lower Upper
138 100
108 12.6 10.6 15.8
92 116.4 93.2 139.8

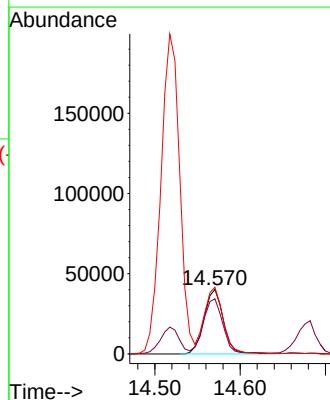
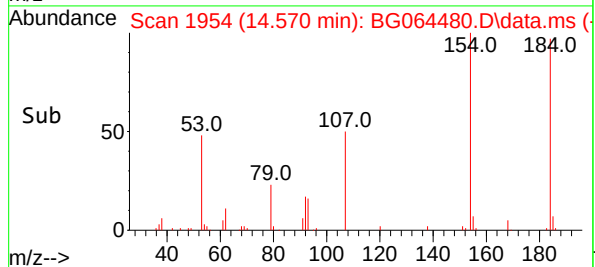
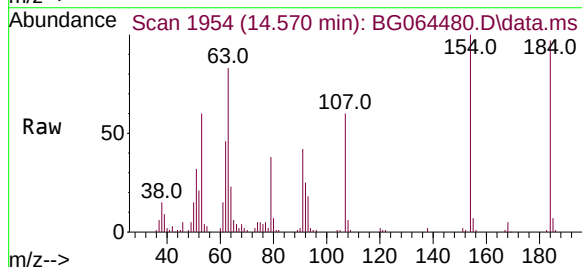
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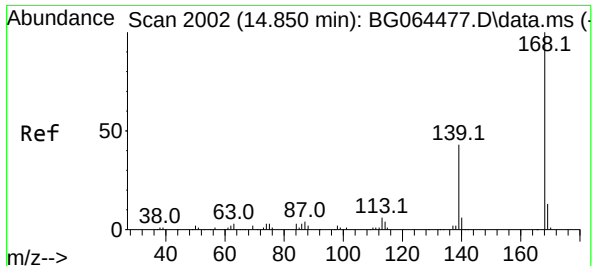
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 74.326 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

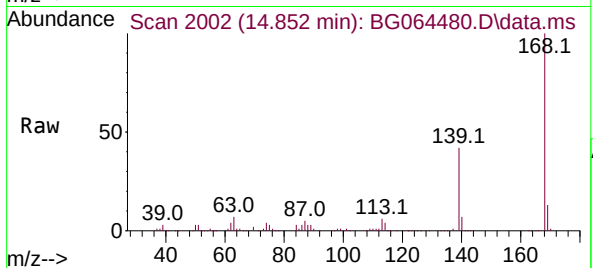
Tgt Ion:184 Resp: 63374
Ion Ratio Lower Upper
184 100
63 85.4 69.0 103.4
154 103.1 95.6 143.4





#55
Dibenzenofuran
Concen: 76.684 ng
RT: 14.852 min Scan# 2002
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

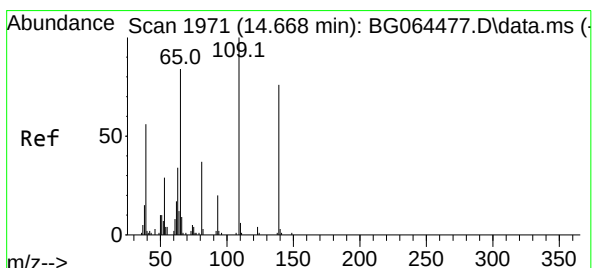
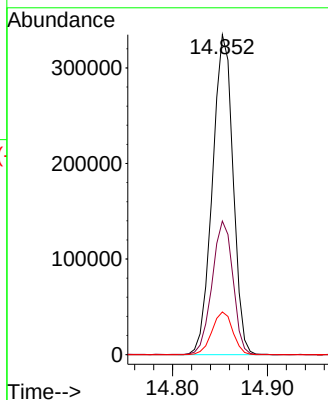
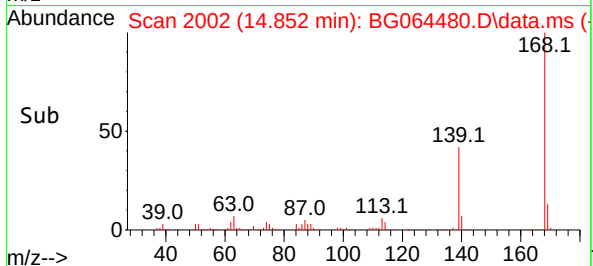
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



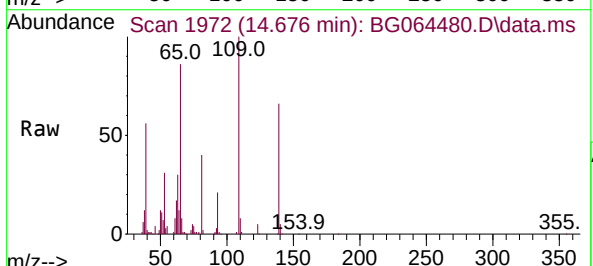
Tgt Ion:168 Resp: 505395
Ion Ratio Lower Upper
168 100
139 41.7 34.0 51.0
169 13.3 10.2 15.2

Manual Integrations
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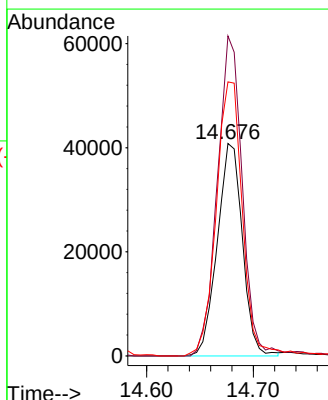
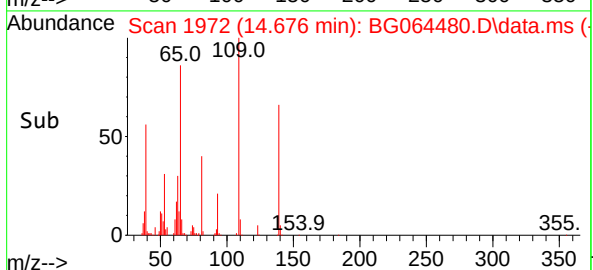
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

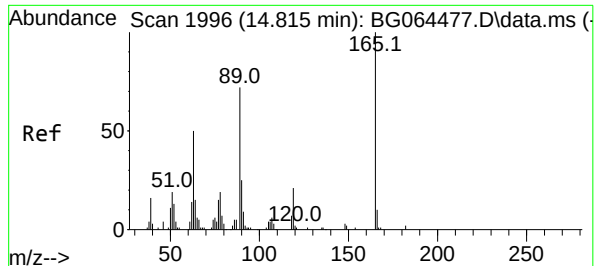


#56
4-Nitrophenol
Concen: 78.369 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



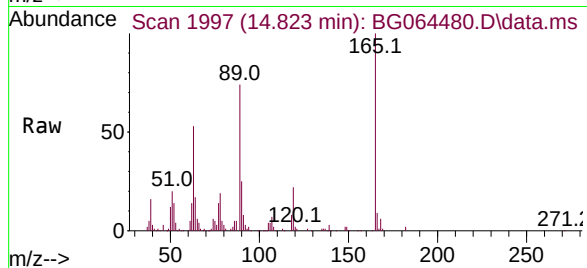
Tgt Ion:139 Resp: 66912
Ion Ratio Lower Upper
139 100
109 150.7 111.8 151.8
65 129.0 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 76.527 ng
RT: 14.823 min Scan# 1996
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

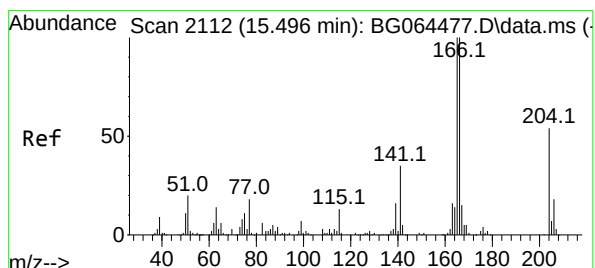
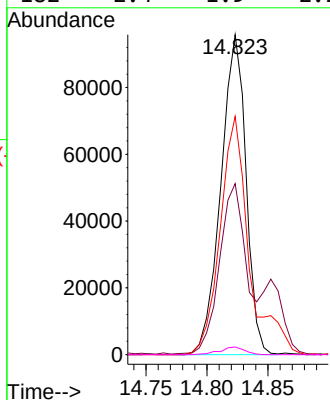
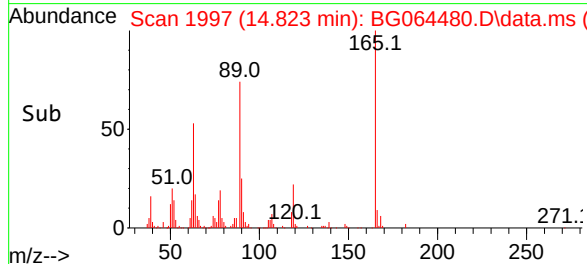
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 137560
Ion Ratio Lower Upper
165 100
63 53.4 40.4 60.6
89 74.4 57.3 85.9
182 2.4 1.9 2.9

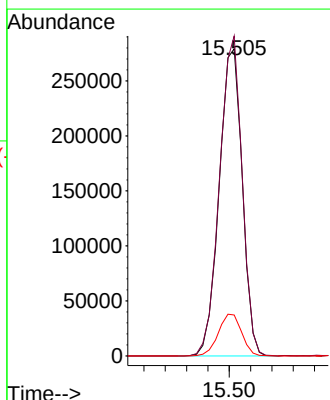
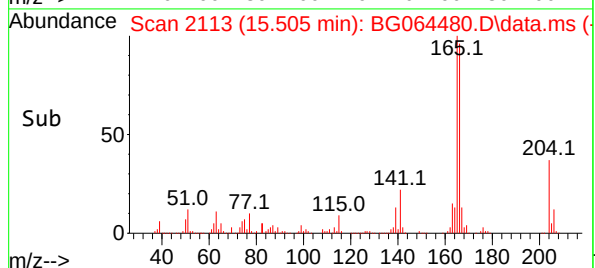
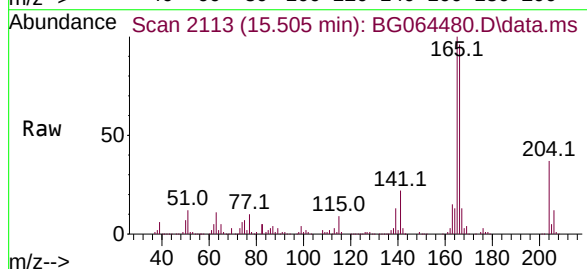
Manual Integrations
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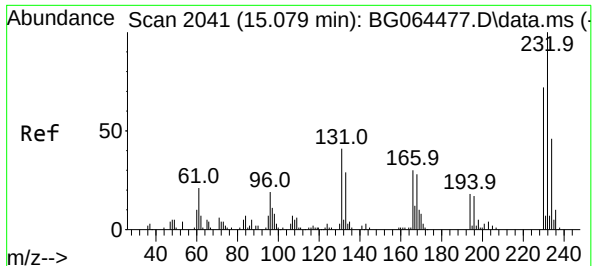
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 76.728 ng
RT: 15.505 min Scan# 2113
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:166 Resp: 420400
Ion Ratio Lower Upper
166 100
165 104.2 79.8 119.6
167 13.3 11.7 17.5





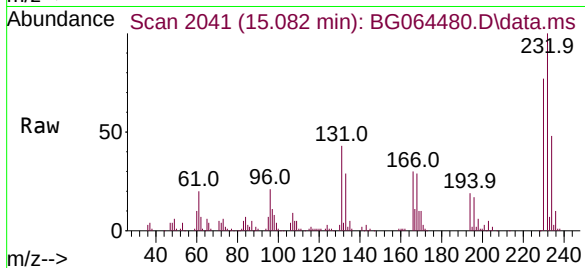
#59
2,3,4,6-Tetrachlorophenol
Concen: 77.799 ng
RT: 15.082 min Scan# 2041
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



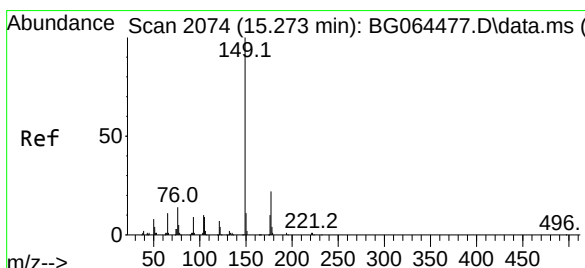
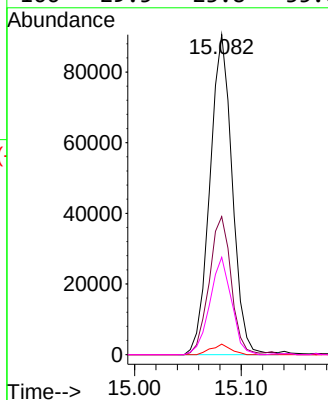
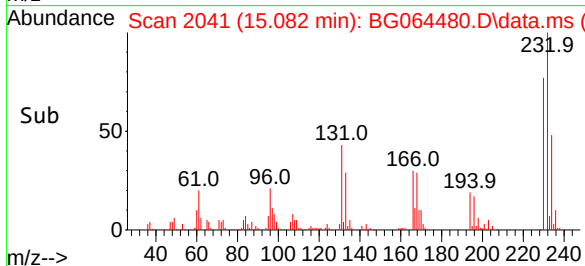
Tgt Ion:232 Resp: 131866
Ion Ratio Lower Upper
232 100
131 43.0 35.0 52.4
130 2.8 2.0 3.0
166 29.5 23.8 35.6

Manual Integrations

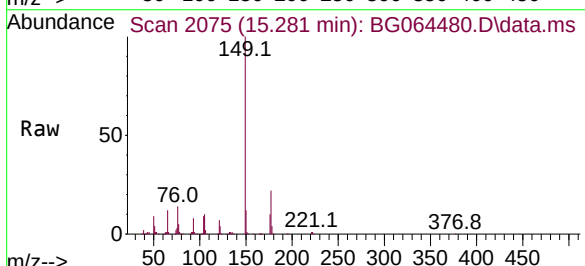
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

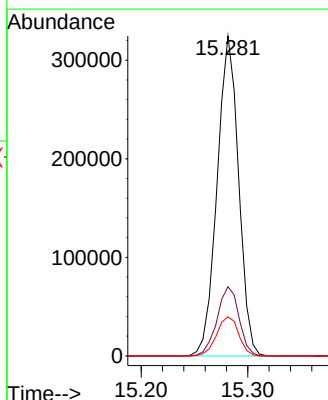
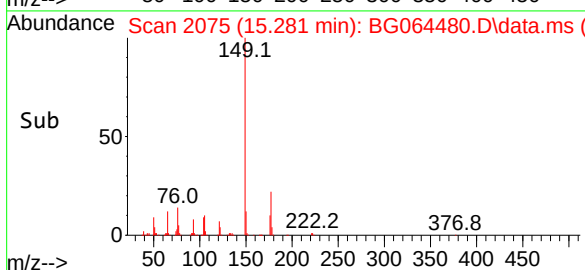
Supervised By :Jagrut Upadhyay 10/03/2025

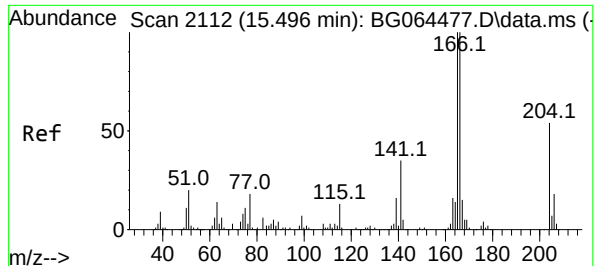


#60
Diethylphthalate
Concen: 75.126 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



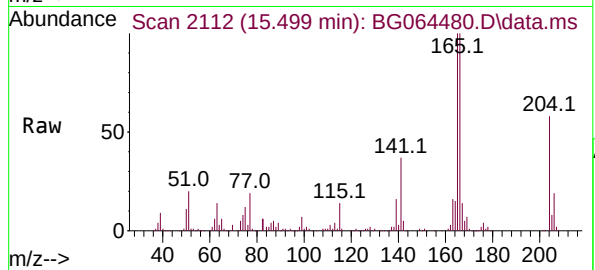
Tgt Ion:149 Resp: 454922
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.2 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 76.517 ng
RT: 15.499 min Scan# 2112
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

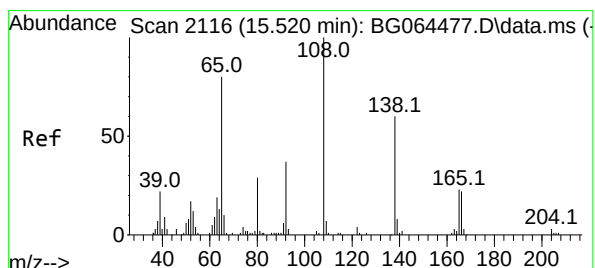
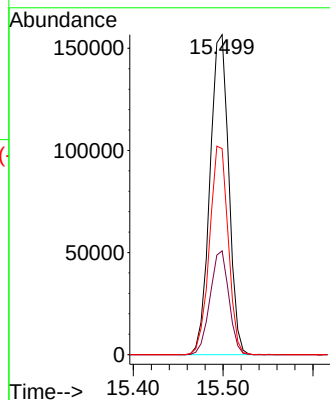
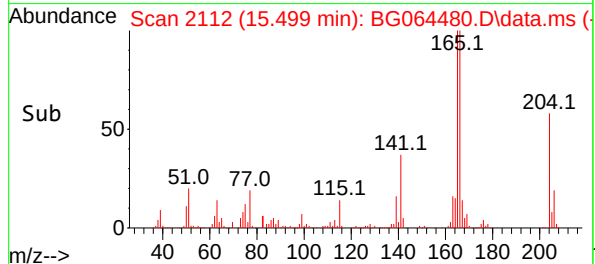
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 228883
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 64.4 51.5 77.3

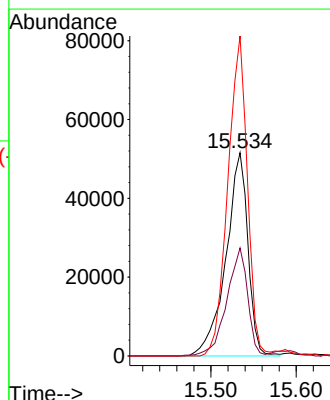
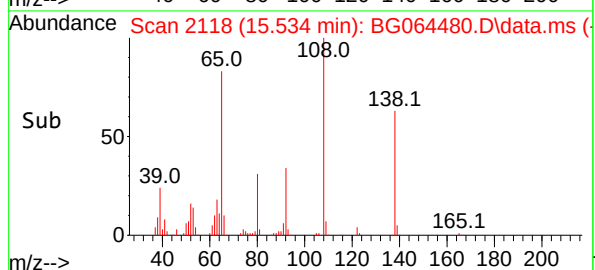
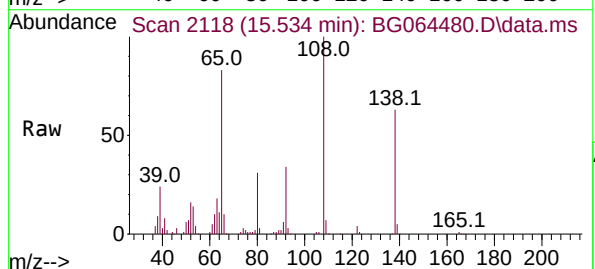
Manual Integrations
APPROVED

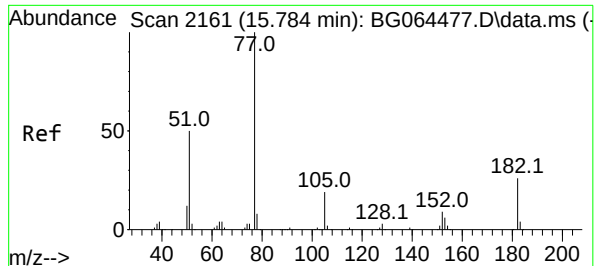
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 81.579 ng
RT: 15.534 min Scan# 2118
Delta R.T. 0.023 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

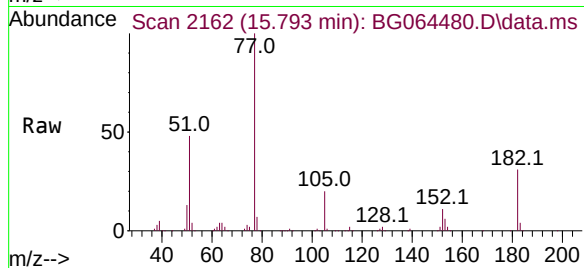
Tgt Ion:138 Resp: 92207
Ion Ratio Lower Upper
138 100
92 53.1 42.3 82.3
108 157.6 147.7 187.7





#63
Azobenzene
Concen: 74.723 ng
RT: 15.793 min Scan# 2161
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

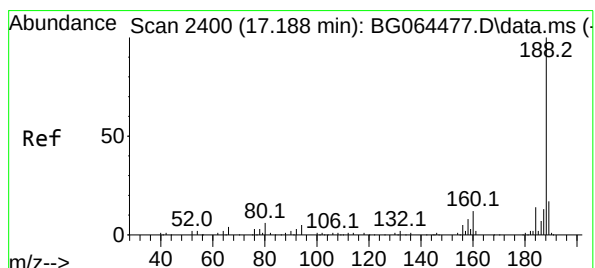
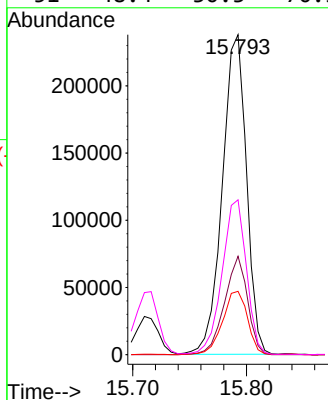
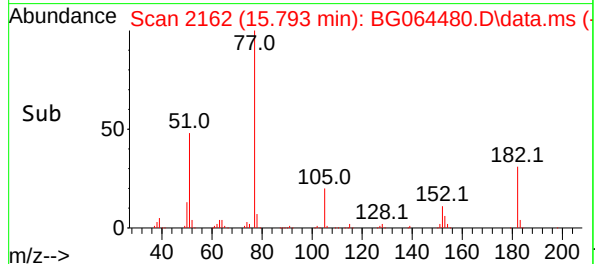
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



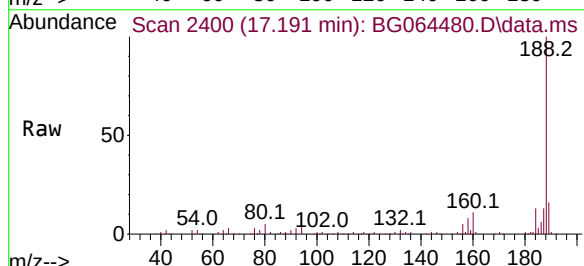
Tgt Ion: 77 Resp: 350430
Ion Ratio Lower Upper
77 100
182 30.7 6.3 46.3
105 19.8 0.0 38.7
51 48.4 30.3 70.3

Manual Integrations
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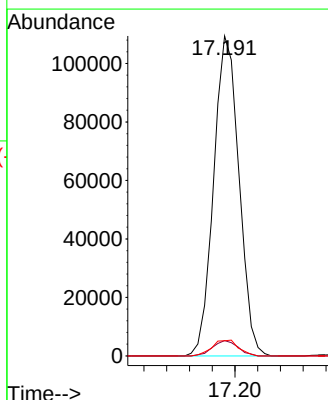
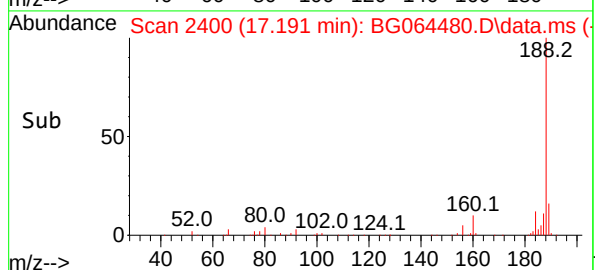
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

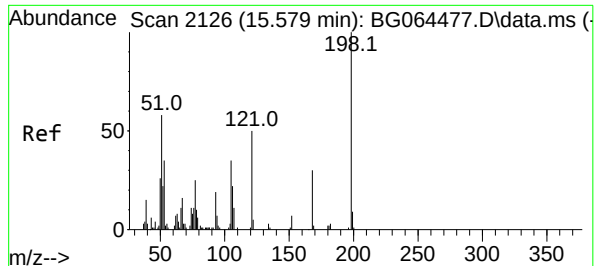


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.191 min Scan# 2400
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:188 Resp: 168856
Ion Ratio Lower Upper
188 100
94 4.8 3.7 5.5
80 4.7 4.5 6.7





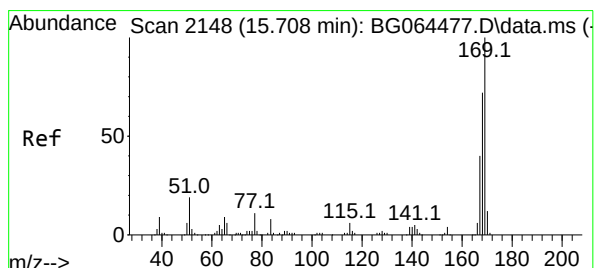
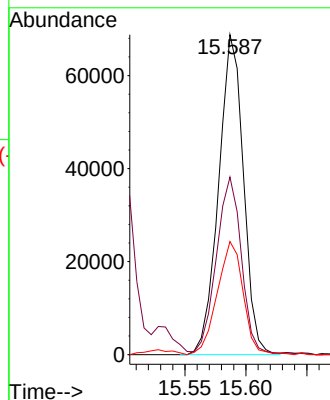
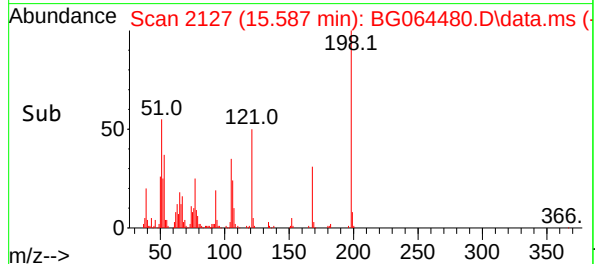
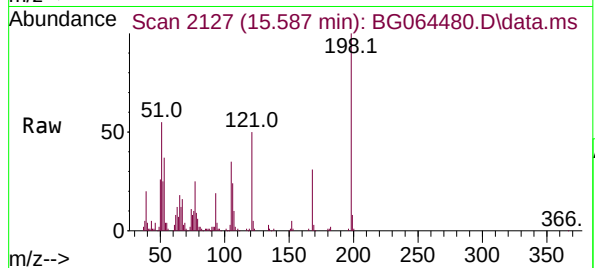
#65
4,6-Dinitro-2-methylphenol
Concen: 82.760 ng
RT: 15.587 min Scan# 2126
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 97300
Ion Ratio Lower Upper
198 100
51 55.5 39.0 79.0
105 35.3 15.8 55.8

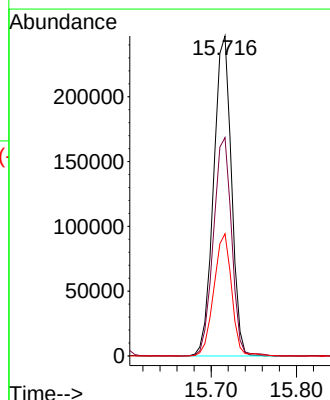
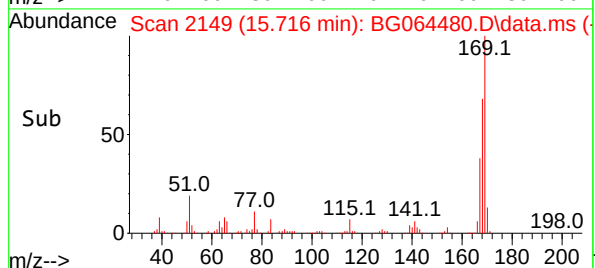
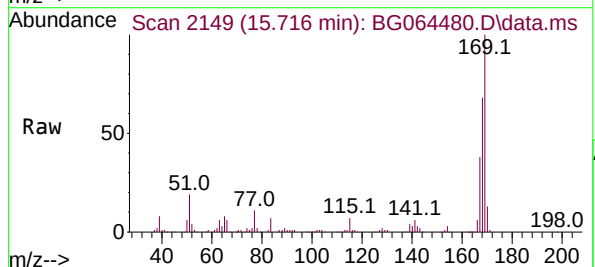
Manual Integrations
APPROVED

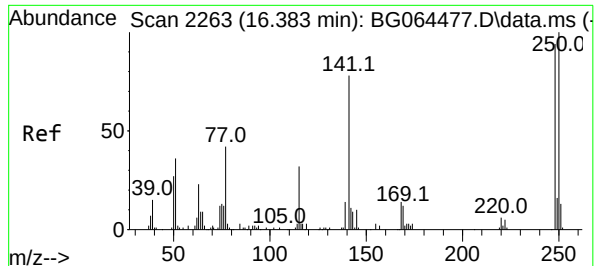
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 79.230 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

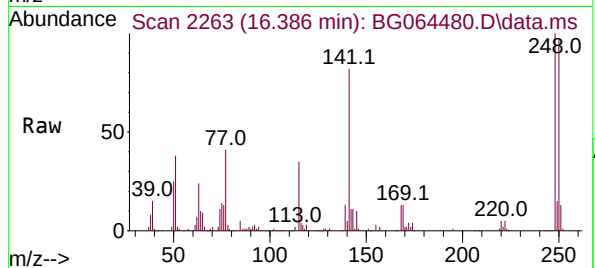
Tgt Ion:169 Resp: 357258
Ion Ratio Lower Upper
169 100
168 68.2 57.8 86.6
167 38.2 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 81.997 ng
RT: 16.386 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

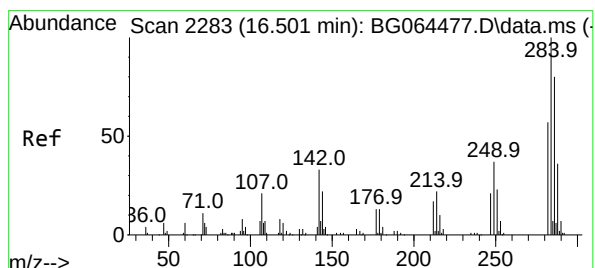
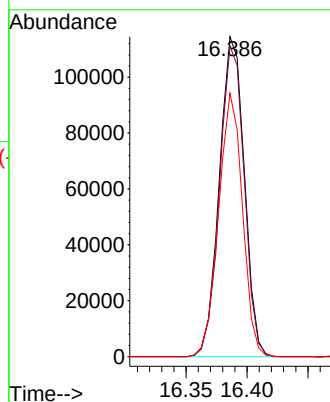
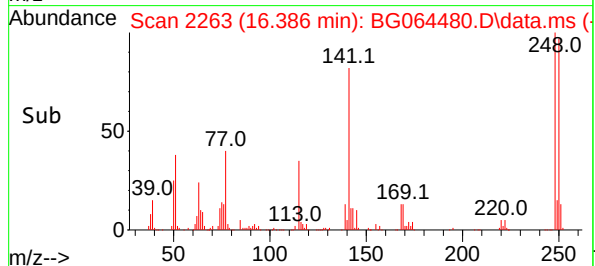
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



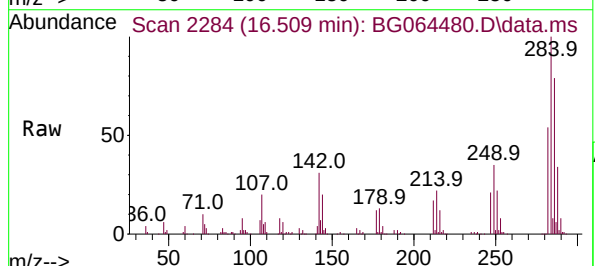
Tgt Ion:248 Resp: 162931
Ion Ratio Lower Upper
248 100
250 97.1 85.3 127.9
141 82.3 66.2 99.2

Manual Integrations
APPROVED

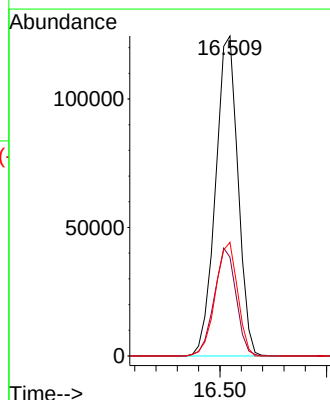
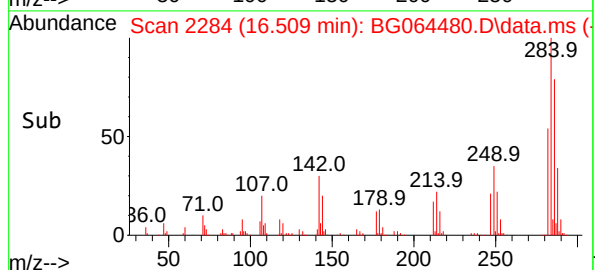
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

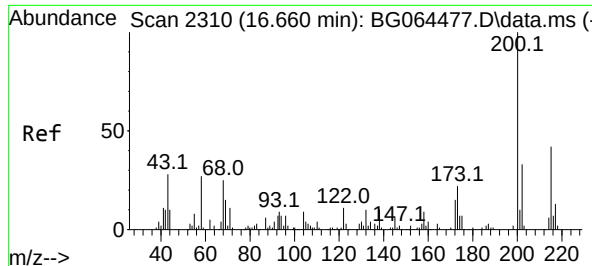


#68
Hexachlorobenzene
Concen: 80.068 ng
RT: 16.509 min Scan# 2284
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:284 Resp: 182054
Ion Ratio Lower Upper
284 100
142 30.8 26.2 39.2
249 35.5 29.4 44.0





#69

Atrazine

Concen: 73.799 ng

RT: 16.662 min Scan# 2310

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 14805

Ion Ratio Lower Upper

200 100

173 21.9 2.5 42.5

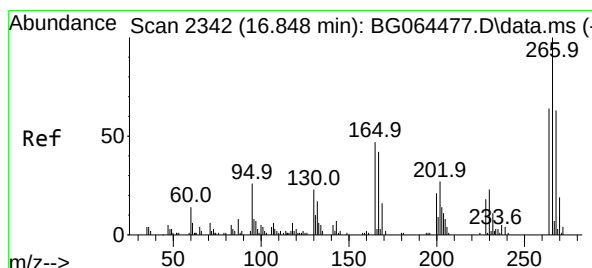
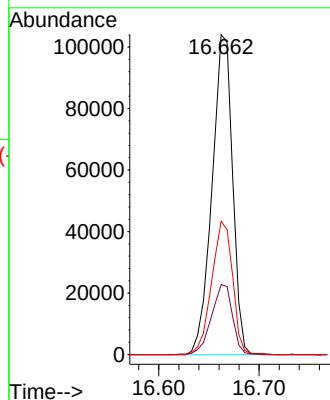
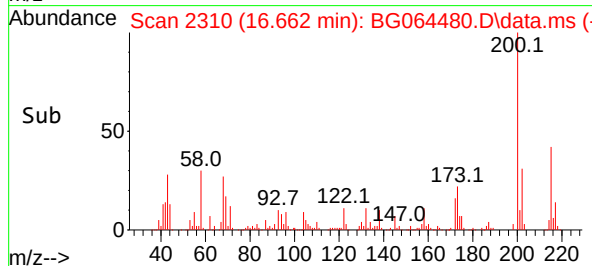
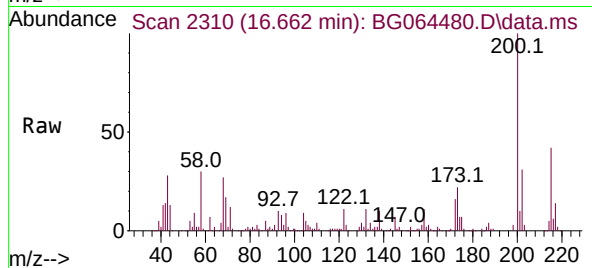
215 41.7 21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 88.752 ng

RT: 16.850 min Scan# 2342

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

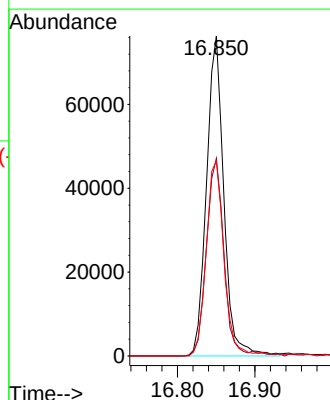
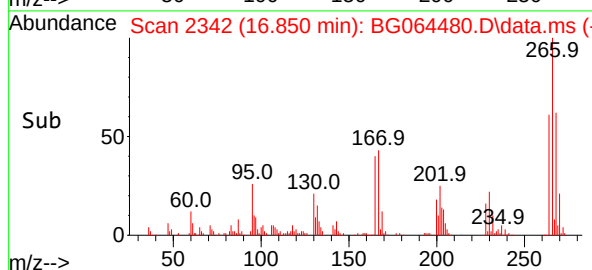
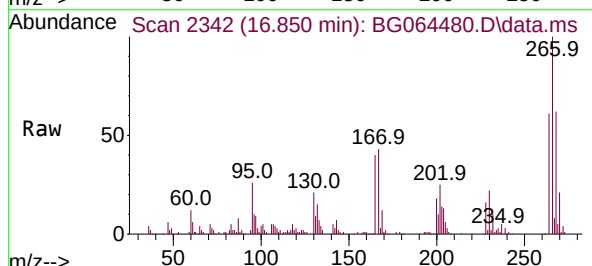
Tgt Ion:266 Resp: 117991

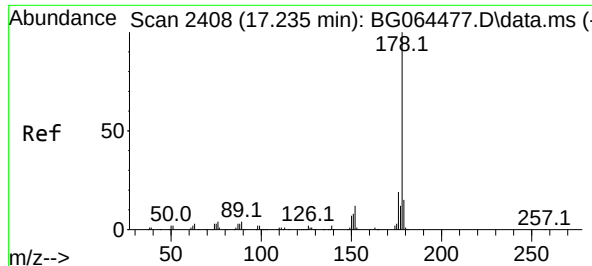
Ion Ratio Lower Upper

266 100

268 61.7 50.6 75.8

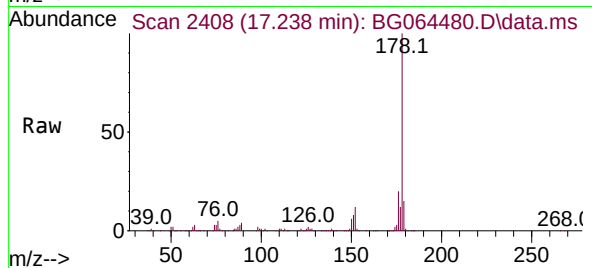
264 60.9 51.2 76.8





#71
Phenanthrene
Concen: 77.283 ng
RT: 17.238 min Scan# 2408
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

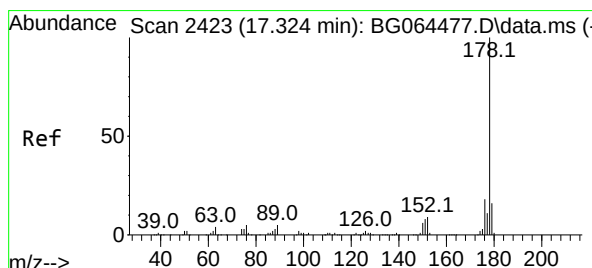
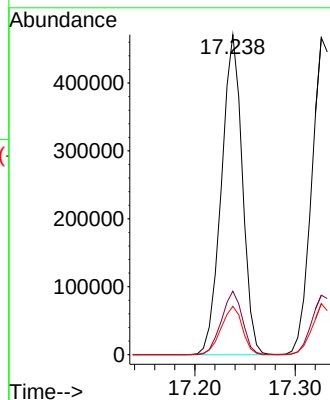
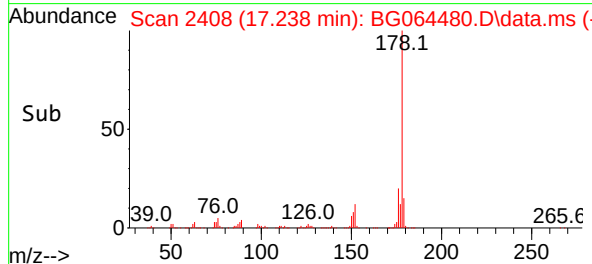
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



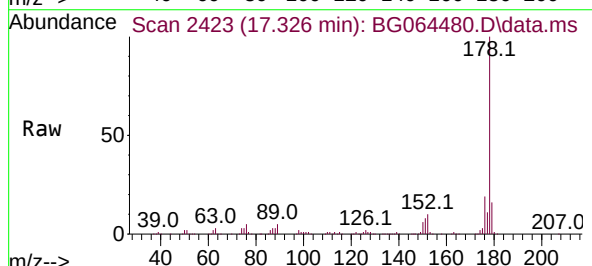
Tgt Ion:178 Resp: 682440
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 15.1 11.8 17.6

Manual Integrations
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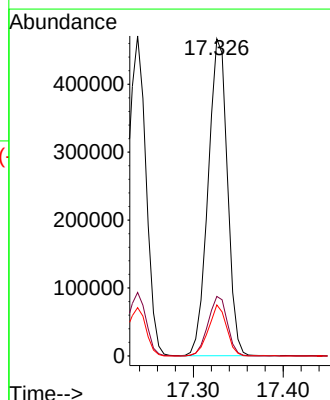
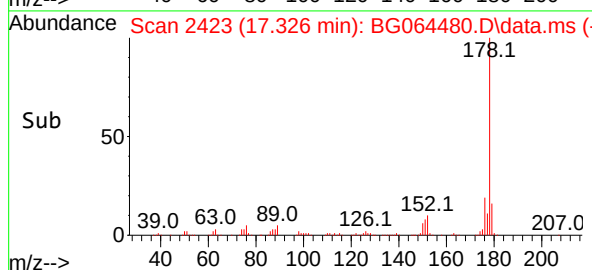
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

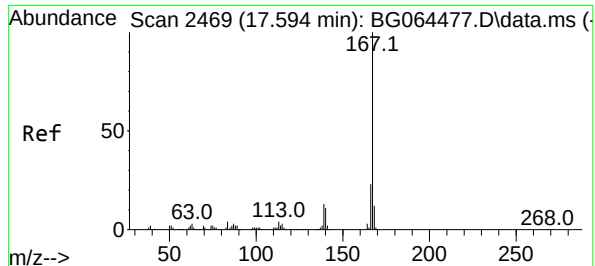


#72
Anthracene
Concen: 78.433 ng
RT: 17.326 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



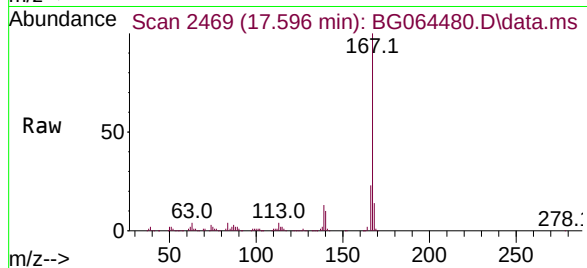
Tgt Ion:178 Resp: 694820
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 16.1 12.5 18.7





#73
Carbazole
Concen: 77.661 ng
RT: 17.596 min Scan# 2469
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

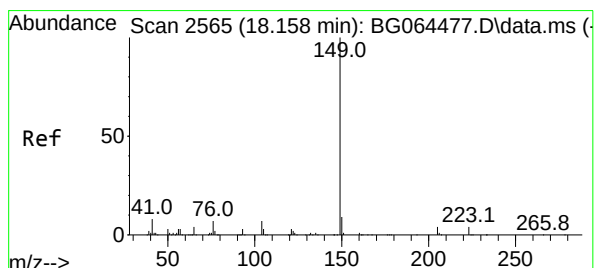
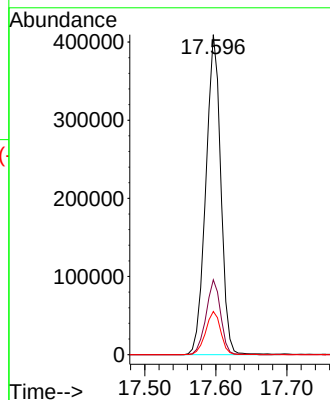
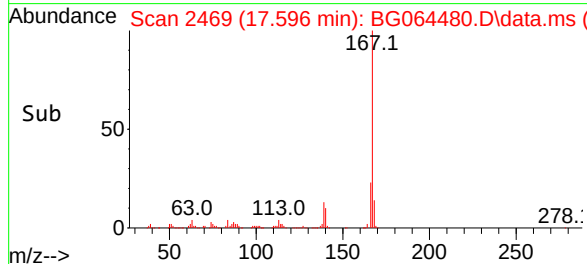
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



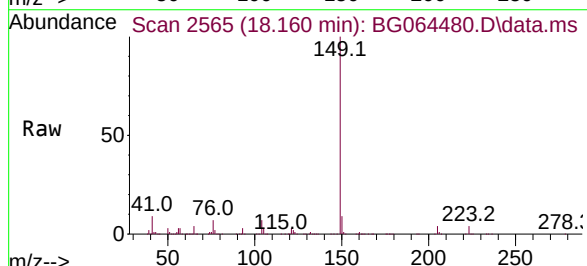
Tgt Ion:167 Resp: 594662
Ion Ratio Lower Upper
167 100
166 23.4 18.6 27.8
139 13.5 10.2 15.4

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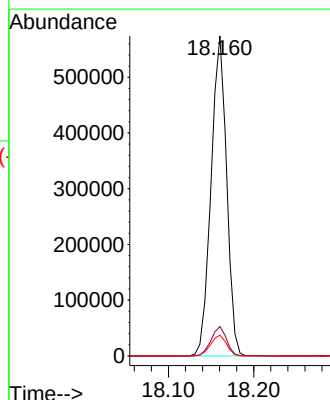
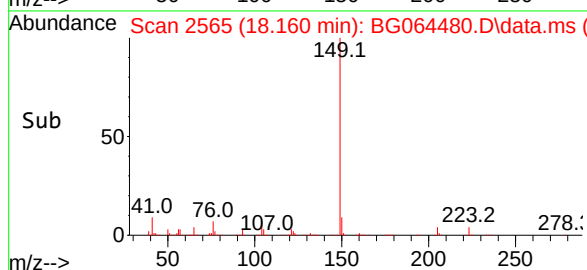
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

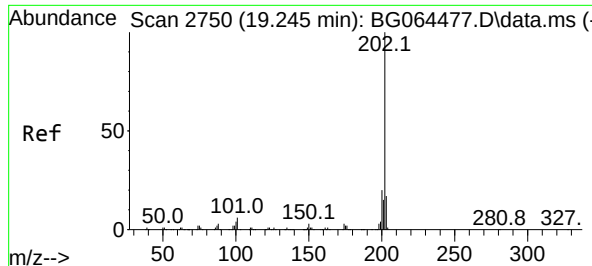


#74
Di-n-butylphthalate
Concen: 77.727 ng
RT: 18.160 min Scan# 2565
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



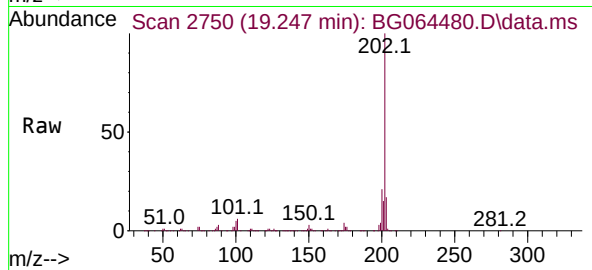
Tgt Ion:149 Resp: 726555
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 6.5 5.3 7.9





#75
Fluoranthene
Concen: 77.060 ng
RT: 19.247 min Scan# 2750
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

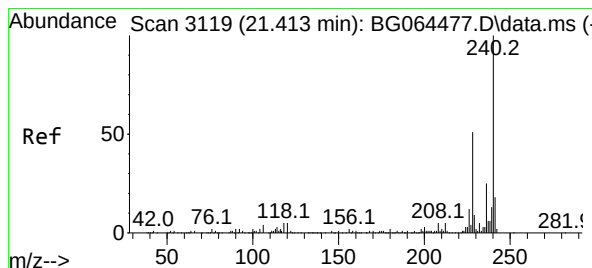
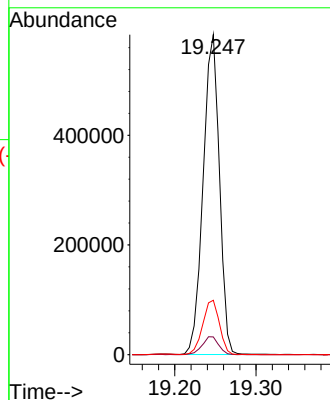
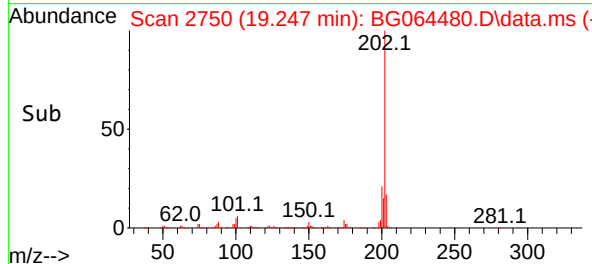
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



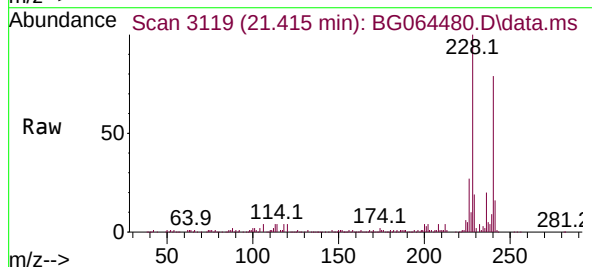
Tgt Ion:202 Resp: 812928
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.7
203 17.0 0.0 36.6

Manual Integrations
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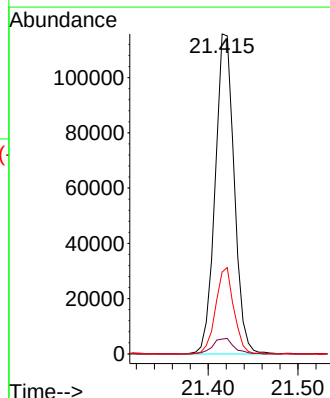
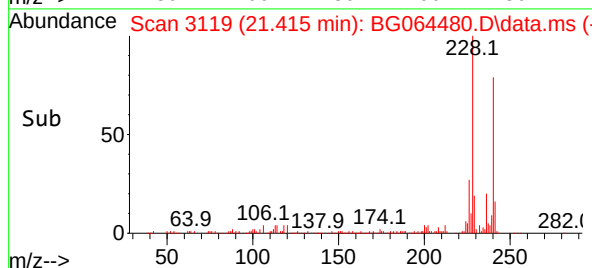
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

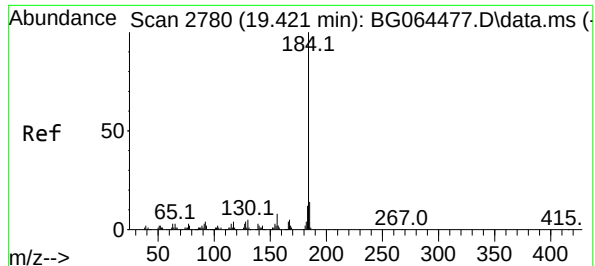


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



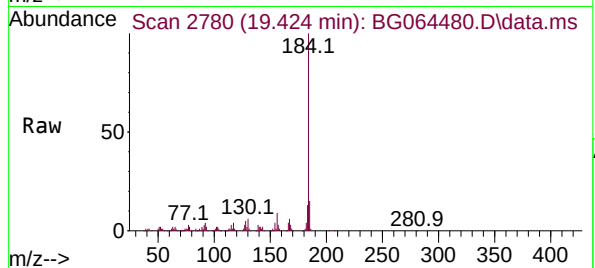
Tgt Ion:240 Resp: 171497
Ion Ratio Lower Upper
240 100
120 4.6 4.3 6.5
236 25.6 20.4 30.6





#77
Benzidine
Concen: 57.755 ng
RT: 19.424 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

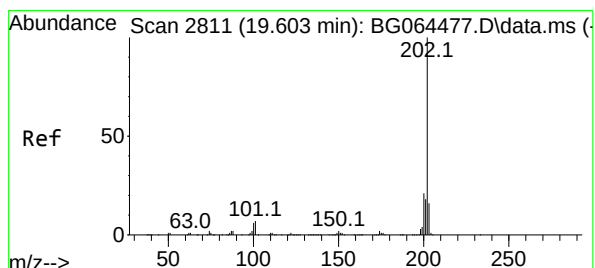
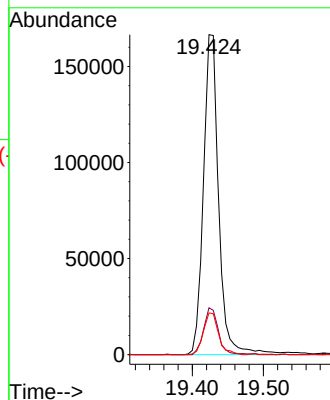
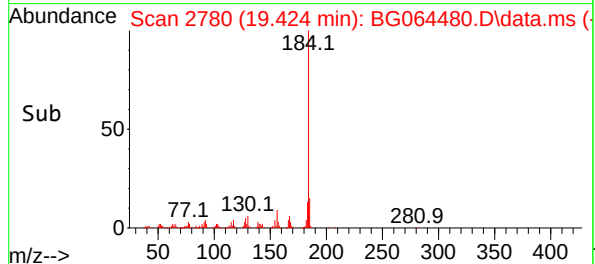
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 246468
Ion Ratio Lower Upper
184 100
185 14.6 10.9 16.3
183 13.0 9.8 14.6

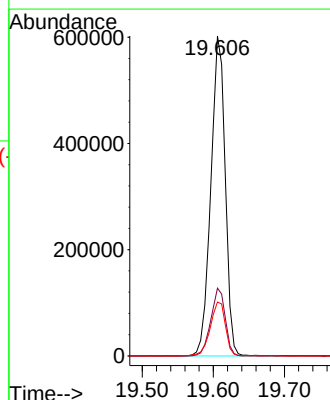
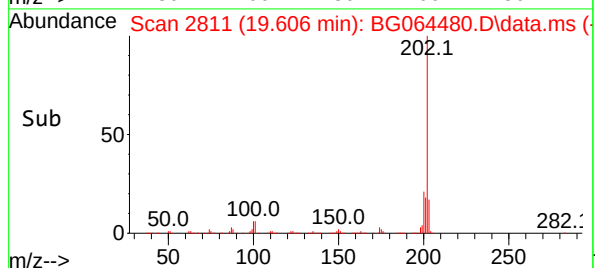
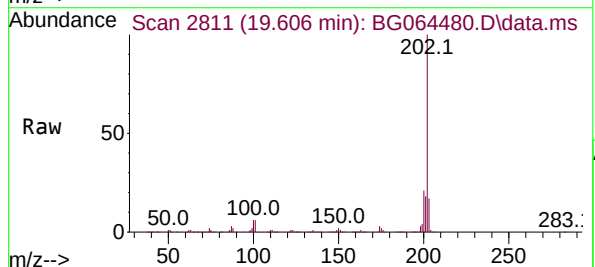
Manual Integrations
APPROVED

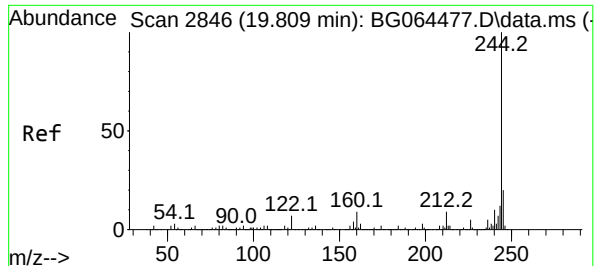
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 75.840 ng
RT: 19.606 min Scan# 2811
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:202 Resp: 844065
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 16.8 13.0 19.4





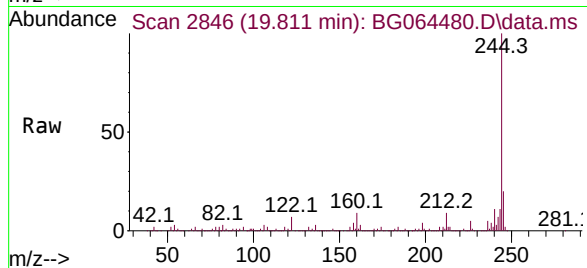
#79
Terphenyl-d14
Concen: 151.833 ng
RT: 19.811 min Scan# 2846
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

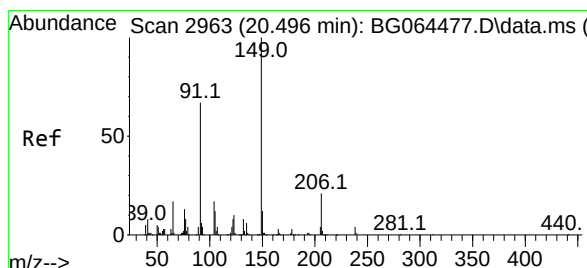
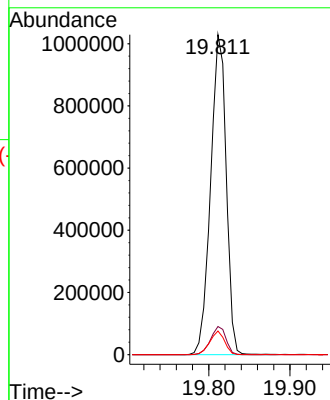
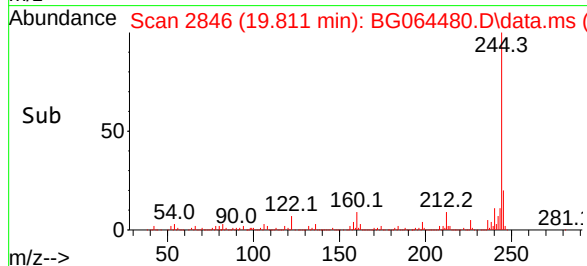


Tgt Ion:244 Resp: 1375899
Ion Ratio Lower Upper
244 100
212 8.8 7.0 10.6
122 7.4 5.6 8.4

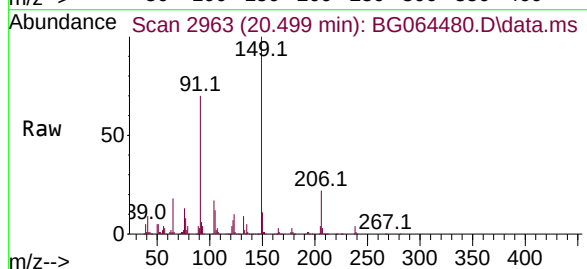
Manual Integrations

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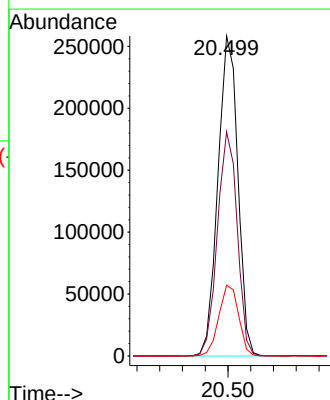
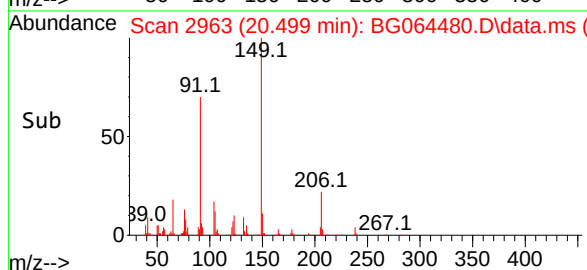
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

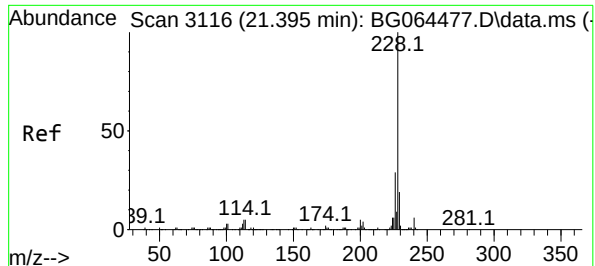


#80
Butylbenzylphthalate
Concen: 79.710 ng
RT: 20.499 min Scan# 2963
Delta R.T. -0.001 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



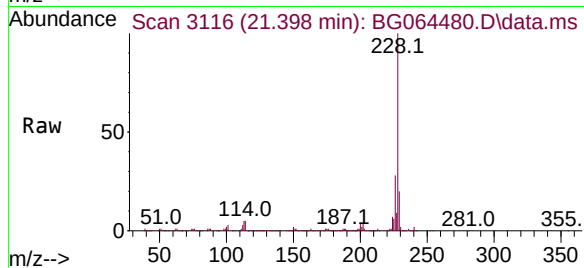
Tgt Ion:149 Resp: 314484
Ion Ratio Lower Upper
149 100
91 70.0 53.7 80.5
206 22.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 78.497 ng
RT: 21.398 min Scan# 3116
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

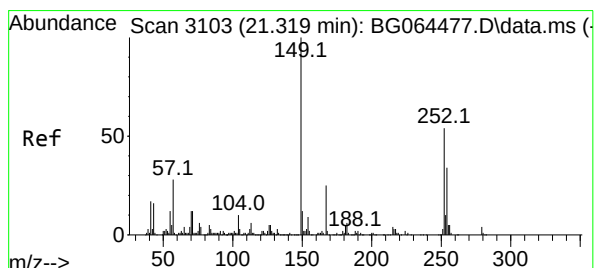
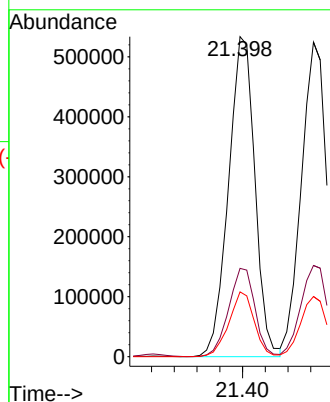
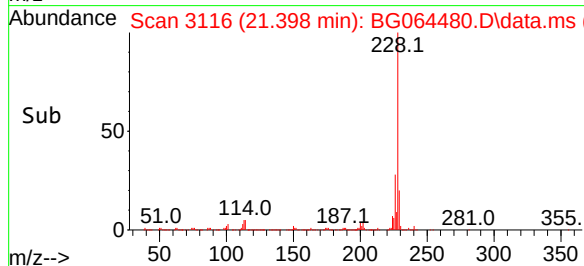
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 859554
Ion Ratio Lower Upper
228 100
226 27.6 22.8 34.2
229 20.2 15.2 22.8

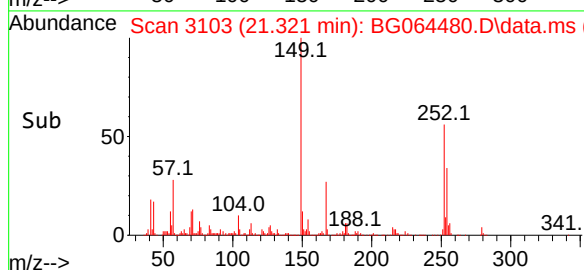
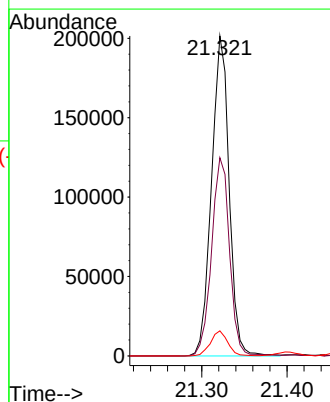
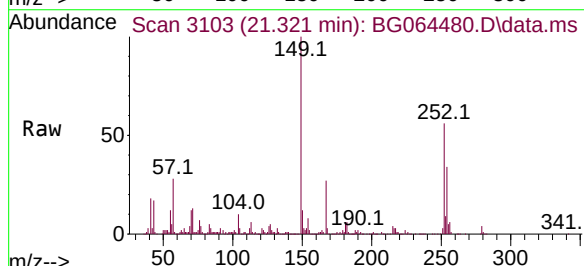
Manual Integrations
APPROVED

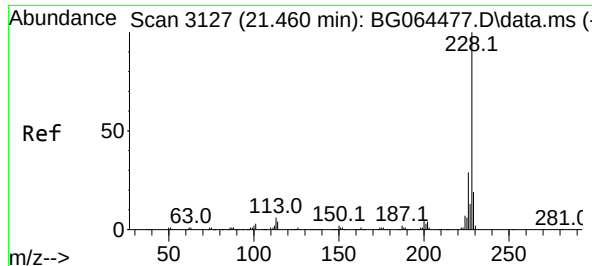
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 77.829 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 288449
Ion Ratio Lower Upper
252 100
254 61.9 50.5 75.7
126 7.8 7.1 10.7





#83

Chrysene

Concen: 77.803 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 807962

Ion Ratio Lower Upper

228 100

226 29.0 22.8 34.2

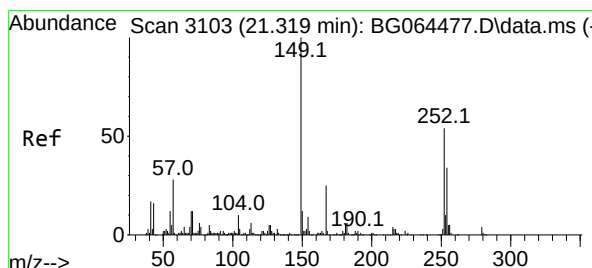
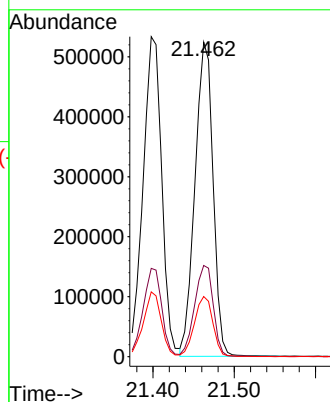
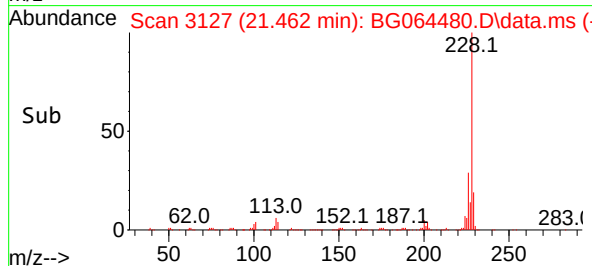
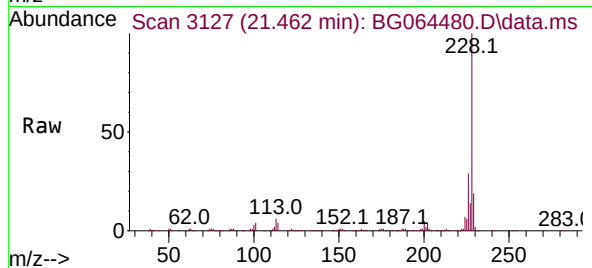
229 19.1 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.044 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

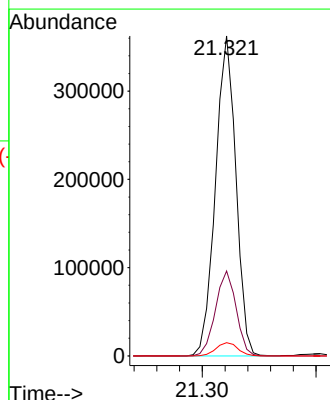
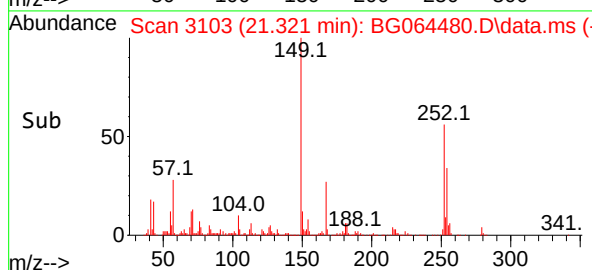
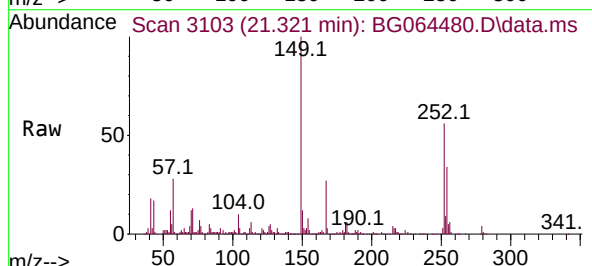
Tgt Ion:149 Resp: 451147

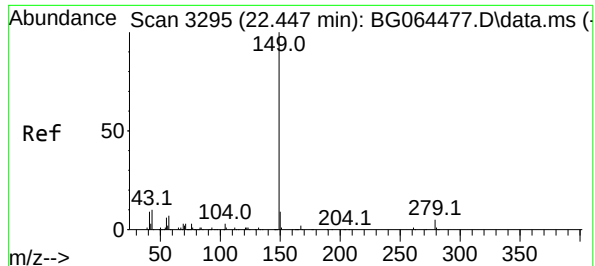
Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

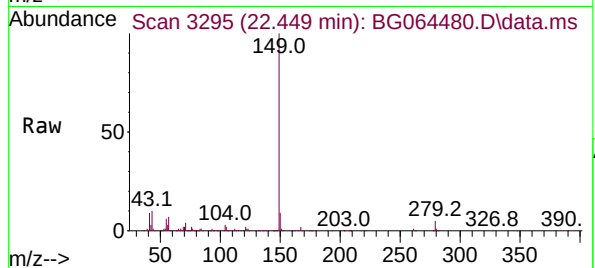
279 4.1 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 79.877 ng
RT: 22.449 min Scan# 3295
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

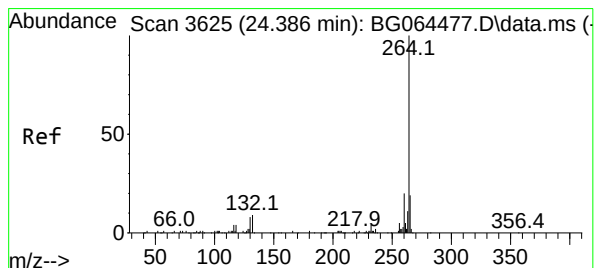
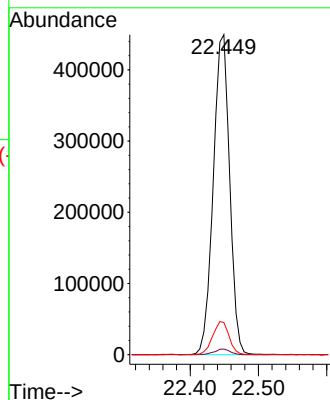
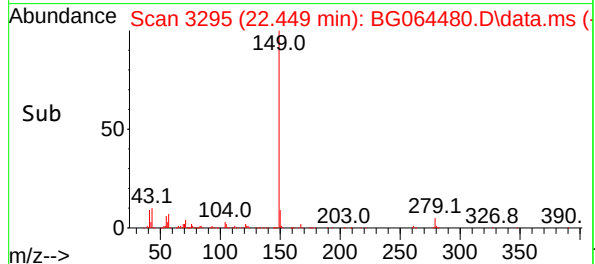
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 747301
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.4 7.9 11.9

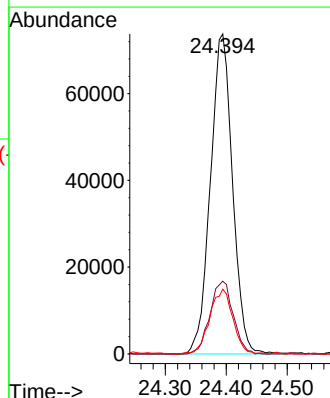
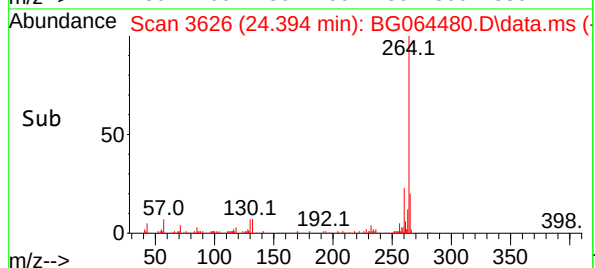
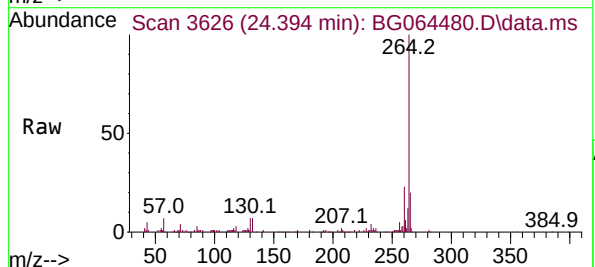
Manual Integrations
APPROVED

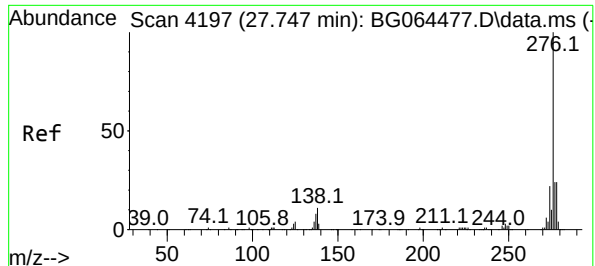
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.394 min Scan# 3626
Delta R.T. 0.005 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

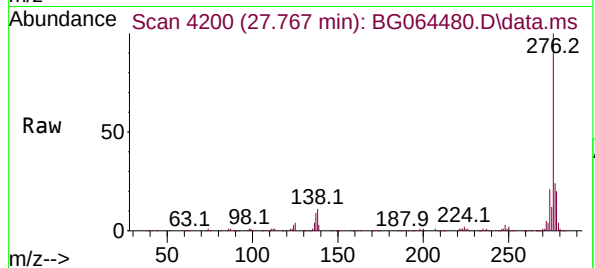
Tgt Ion:264 Resp: 185893
Ion Ratio Lower Upper
264 100
260 22.7 16.2 24.4
265 20.2 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 78.621 ng
RT: 27.767 min Scan# 4197
Delta R.T. 0.034 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

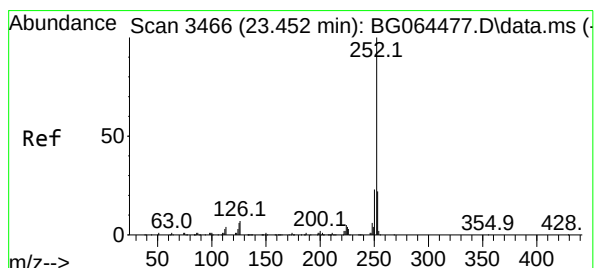
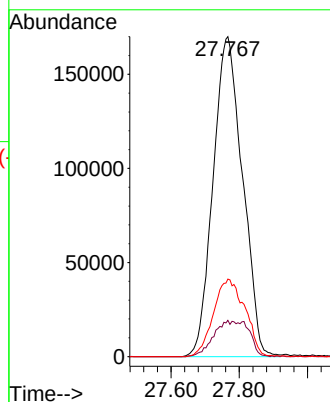
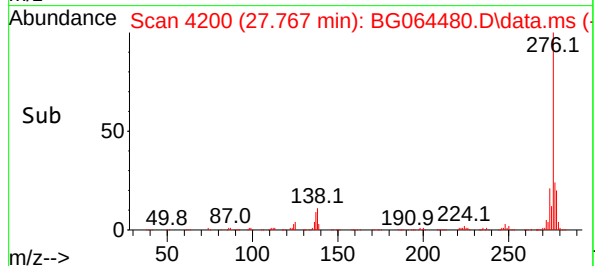
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 1017303
Ion Ratio Lower Upper
276 100
138 6.5 10.8 16.2
277 26.0 20.3 30.5

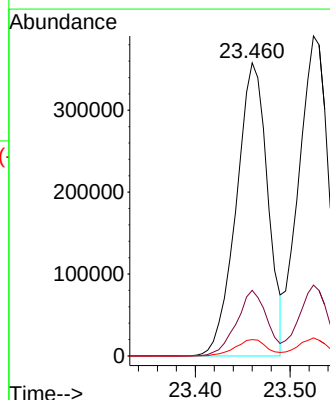
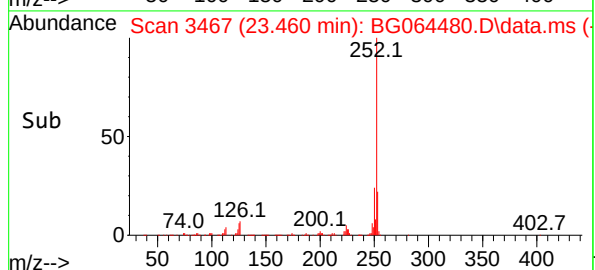
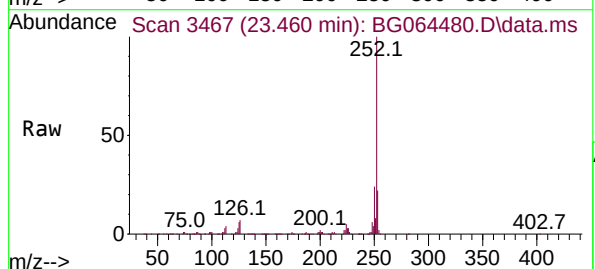
Manual Integrations
APPROVED

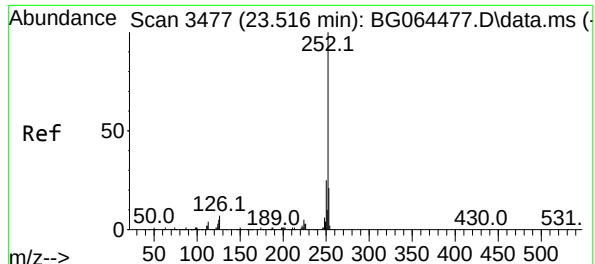
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 78.008 ng
RT: 23.460 min Scan# 3467
Delta R.T. 0.011 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

Tgt Ion: 252 Resp: 824972
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 5.5 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 79.738 ng

RT: 23.525 min Scan# 3477

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

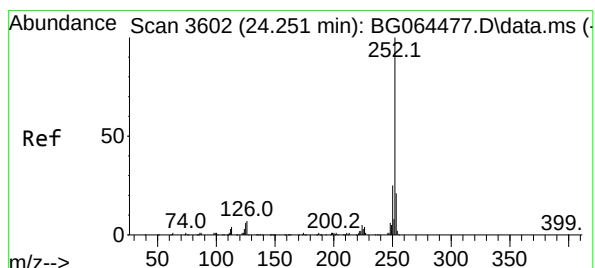
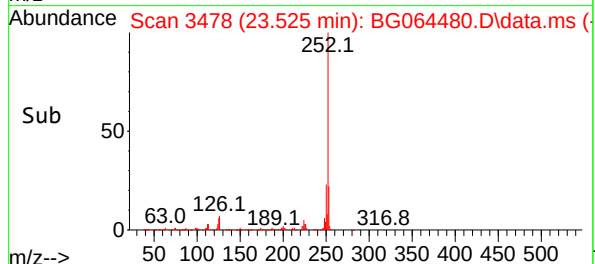
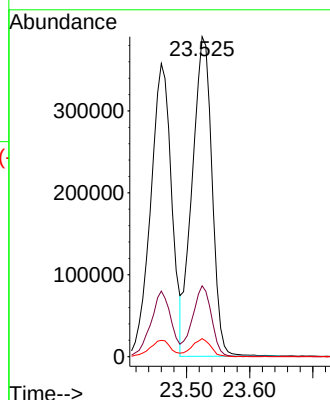
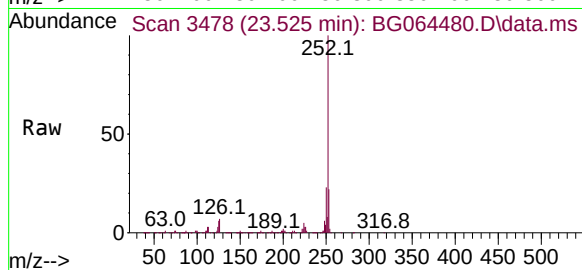
Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:	252	Resp:	849303
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	5.7	4.0	6.0

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

#90

Benzo(a)pyrene

Concen: 79.130 ng

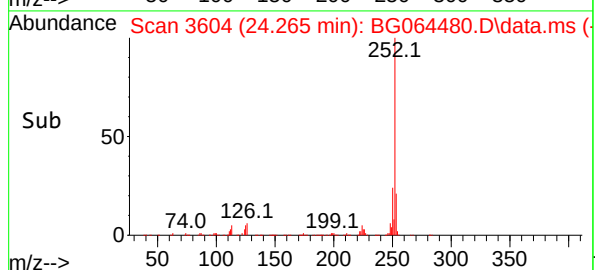
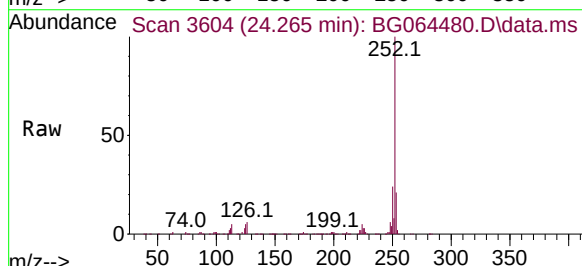
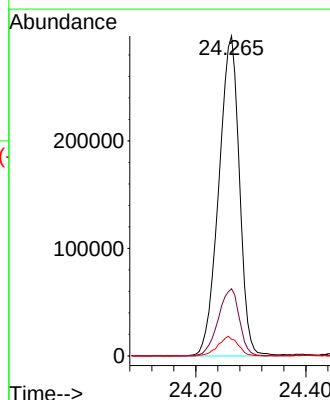
RT: 24.265 min Scan# 3604

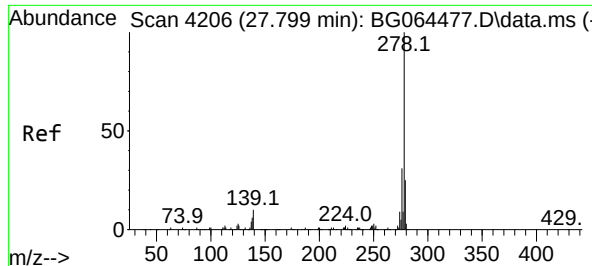
Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

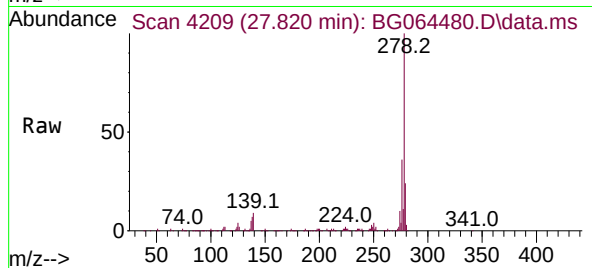
Tgt Ion:	252	Resp:	771257
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.1	25.7
125	5.2	4.6	6.8





#91
Dibenzo(a,h)anthracene
Concen: 80.178 ng
RT: 27.820 min Scan# 41
Delta R.T. 0.040 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16

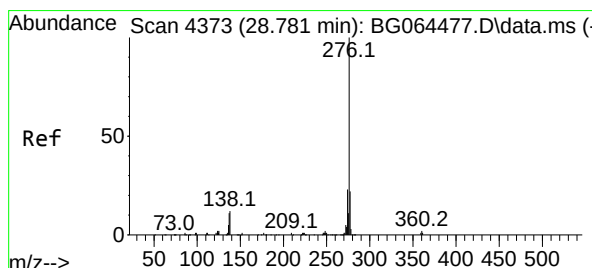
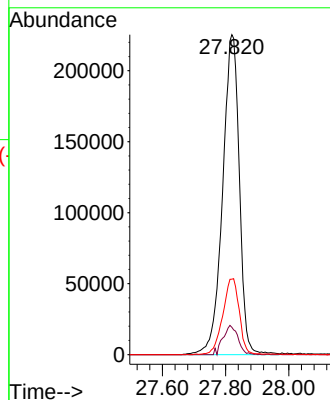
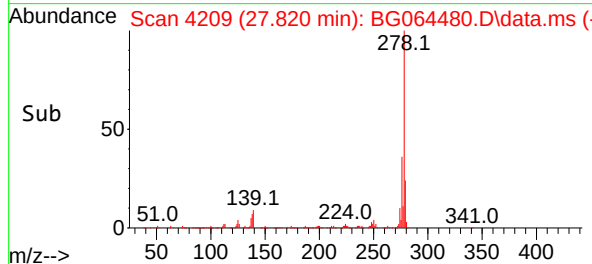
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



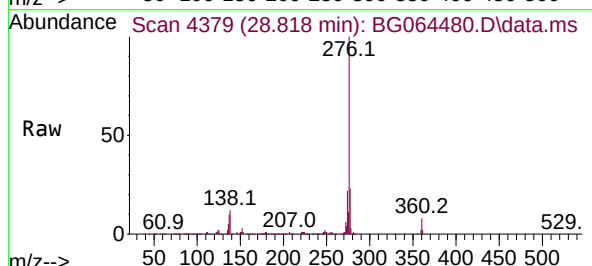
Tgt Ion:278 Resp: 829660
Ion Ratio Lower Upper
278 100
139 8.5 8.2 12.2
279 23.6 19.6 29.4

Manual Integrations
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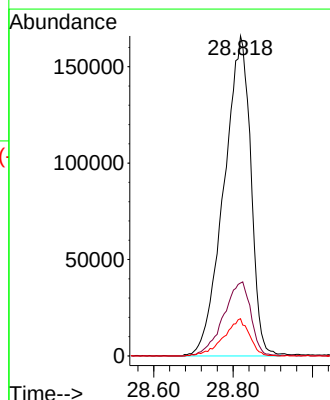
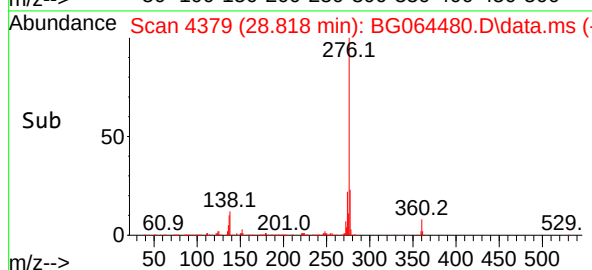
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 77.460 ng
RT: 28.818 min Scan# 4379
Delta R.T. 0.052 min
Lab File: BG064480.D
Acq: 2 Oct 2025 14:16



Tgt Ion:276 Resp: 778918
Ion Ratio Lower Upper
276 100
277 22.8 17.8 26.6
138 11.6 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064481.D
 Acq On : 2 Oct 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 17:12:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	18970	20.000	ng	# 0.00
21) Naphthalene-d8	10.605	136	83408	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	63487	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	165339	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	164846	20.000	ng	0.00
86) Perylene-d12	24.389	264	177771	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.406	112	19317	18.845	ng	0.00
7) Phenol-d6	6.986	99	26053	18.914	ng	0.00
23) Nitrobenzene-d5	8.966	82	29358	18.926	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	22352	19.423	ng	0.00
45) 2-Fluorobiphenyl	13.067	172	84929	19.718	ng	0.00
79) Terphenyl-d14	19.806	244	174977	20.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	3907	9.636	ng	90
3) Pyridine	3.714	79	10914	10.016	ng	92
4) n-Nitrosodimethylamine	3.625	42	8097	10.250	ng	99
6) Aniline	7.145	93	16489	9.490	ng	96
8) 2-Chlorophenol	7.386	128	11988	9.524	ng	92
9) Benzaldehyde	6.963	77	13633	11.149	ng	86
10) Phenol	7.016	94	13252	9.120	ng	94
11) bis(2-Chloroethyl)ether	7.245	93	9040	9.186	ng	89
12) 1,3-Dichlorobenzene	7.709	146	13843	10.054	ng	91
13) 1,4-Dichlorobenzene	7.856	146	13607	9.847	ng	97
14) 1,2-Dichlorobenzene	8.173	146	13175	9.674	ng	93
15) Benzyl Alcohol	8.055	79	11608	9.151	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.338	45	15268	9.625	ng	95
17) 2-Methylphenol	8.261	107	10084	9.584	ng	92
18) Hexachloroethane	8.896	117	5976	10.956	ng	87
19) n-Nitroso-di-n-propyla...	8.614	70	8658	9.398	ng	# 92
20) 3+4-Methylphenols	8.590	107	13961	9.508	ng	96
22) Acetophenone	8.631	105	18753	9.286	ng	# 91
24) Nitrobenzene	9.013	77	14519	9.386	ng	# 92
25) Isophorone	9.530	82	27293	9.712	ng	# 95
26) 2-Nitrophenol	9.718	139	7029	9.130	ng	90
27) 2,4-Dimethylphenol	9.783	122	10726	9.122	ng	91
28) bis(2-Chloroethoxy)met...	10.018	93	13354	9.323	ng	93
29) 2,4-Dichlorophenol	10.259	162	12712	9.349	ng	95
30) 1,2,4-Trichlorobenzene	10.470	180	13887	9.366	ng	# 89
31) Naphthalene	10.652	128	40855	9.512	ng	97
32) Benzoic acid	9.889	122	6224m	6.894	ng	
33) 4-Chloroaniline	10.764	127	16589	10.065	ng	# 91
34) Hexachlorobutadiene	10.946	225	12067	9.503	ng	97
35) Caprolactam	11.510	113	4491	9.648	ng	# 85
36) 4-Chloro-3-methylphenol	11.892	107	15870	9.597	ng	93
37) 2-Methylnaphthalene	12.268	142	32141	9.749	ng	93
38) 1-Methylnaphthalene	12.486	142	32614	9.921	ng	98
40) 1,2,4,5-Tetrachloroben...	12.638	216	19175	9.354	ng	95
41) Hexachlorocyclopentadiene	12.621	237	8845	8.249	ng	96
43) 2,4,6-Trichlorophenol	12.879	196	12393	9.457	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064481.D
 Acq On : 2 Oct 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 17:12:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.956	196	14346	9.806	ng	# 94
46) 1,1'-Biphenyl	13.279	154	44053	9.648	ng	95
47) 2-Chloronaphthalene	13.320	162	35050	10.281	ng	97
48) 2-Nitroaniline	13.526	65	11482	9.868	ng	93
49) Acenaphthylene	14.172	152	48705	9.624	ng	# 93
50) Dimethylphthalate	13.902	163	50268	10.110	ng	97
51) 2,6-Dinitrotoluene	14.019	165	10337	9.980	ng	98
52) Acenaphthene	14.513	154	34887	9.922	ng	96
53) 3-Nitroaniline	14.348	138	9342	9.780	ng	94
54) 2,4-Dinitrophenol	14.566	184	8424	11.216	ng	# 71
55) Dibenzofuran	14.848	168	57456	9.897	ng	98
56) 4-Nitrophenol	14.665	139	6104	8.116	ng	89
57) 2,4-Dinitrotoluene	14.812	165	15843	10.006	ng	97
58) Fluorene	15.494	166	47958	9.937	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.071	232	14205	9.514	ng	97
60) Diethylphthalate	15.271	149	53695	10.066	ng	# 94
61) 4-Chlorophenyl-phenyle...	15.488	204	25669	9.742	ng	94
62) 4-Nitroaniline	15.511	138	9390	9.431	ng	# 85
63) Azobenzene	15.782	77	41235	9.982	ng	96
65) 4,6-Dinitro-2-methylph...	15.576	198	10315	8.960	ng	79
66) n-Nitrosodiphenylamine	15.705	169	42881	9.712	ng	95
67) 4-Bromophenyl-phenylether	16.381	248	18933	9.731	ng	92
68) Hexachlorobenzene	16.499	284	21542	9.676	ng	99
69) Atrazine	16.651	200	19877	10.119	ng	92
70) Pentachlorophenol	16.845	266	9789	7.520	ng	# 84
71) Phenanthrene	17.227	178	84477	9.770	ng	96
72) Anthracene	17.321	178	84981	9.797	ng	100
73) Carbazole	17.591	167	73994	9.869	ng	97
74) Di-n-butylphthalate	18.155	149	89166	9.742	ng	97
75) Fluoranthene	19.236	202	101360	9.813	ng	98
77) Benzidine	19.425	184	32380	7.894	ng	98
78) Pyrene	19.601	202	109573	10.242	ng	97
80) Butylbenzylphthalate	20.500	149	36112	9.522	ng	95
81) Benzo(a)anthracene	21.393	228	102096	9.700	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	34449	9.670	ng	99
83) Chrysene	21.452	228	98898	9.908	ng	96
84) Bis(2-ethylhexyl)phtha...	21.316	149	52514	9.814	ng	94
85) Di-n-octyl phthalate	22.439	149	86988	9.673	ng	99
87) Indeno(1,2,3-cd)pyrene	27.732	276	117303	9.480	ng	# 75
88) Benzo(b)fluoranthene	23.449	252	96327	9.525	ng	97
89) Benzo(k)fluoranthene	23.508	252	96178	9.442	ng	98
90) Benzo(a)pyrene	24.248	252	88822	9.529	ng	# 93
91) Dibenzo(a,h)anthracene	27.779	278	93585	9.457	ng	97
92) Benzo(g,h,i)perylene	28.767	276	93612	9.735	ng	# 92

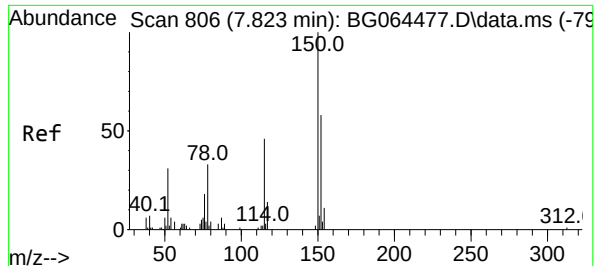
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

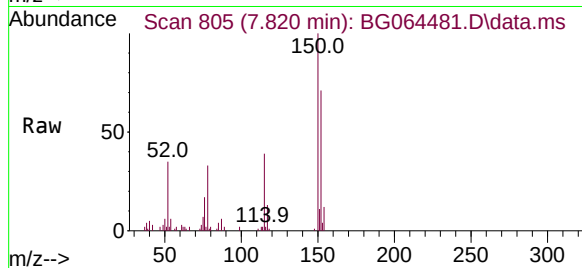
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.820 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

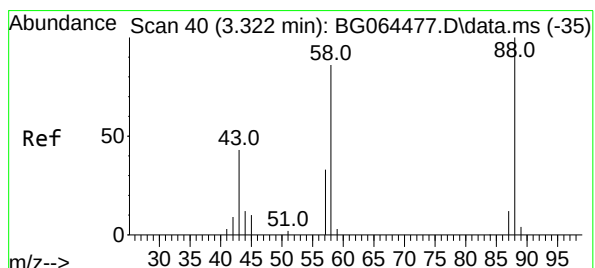
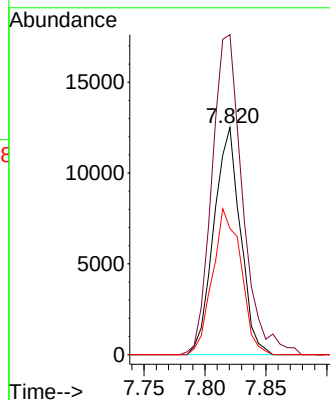
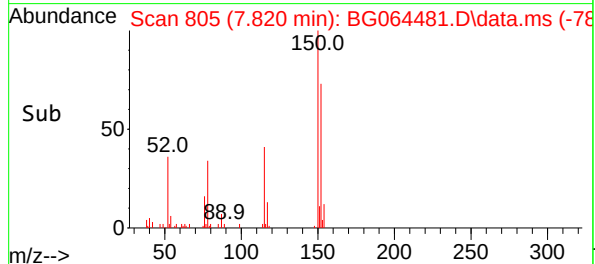
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 18970
Ion Ratio Lower Upper
152 100
150 140.9 138.6 207.8
115 55.5 63.4 95.2

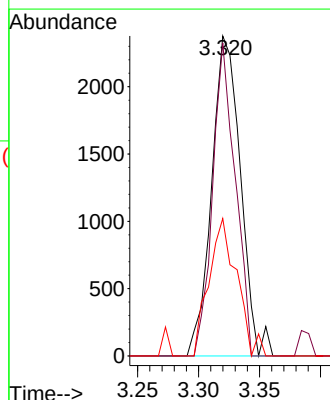
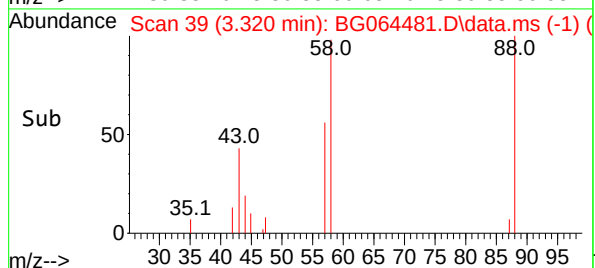
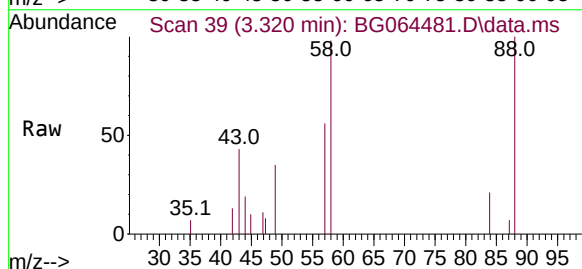
Manual Integrations
APPROVED

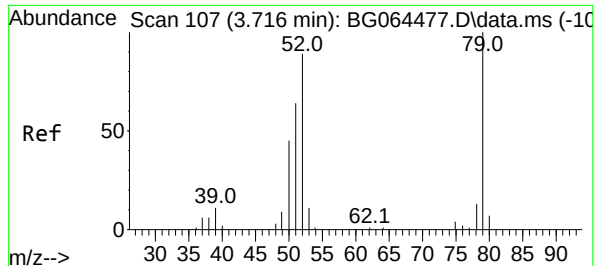
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 9.636 ng
RT: 3.320 min Scan# 39
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

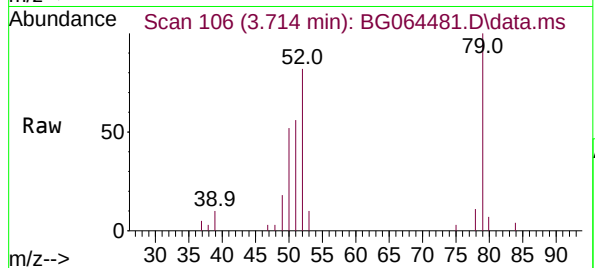
Tgt Ion: 88 Resp: 3907
Ion Ratio Lower Upper
88 100
58 77.0 69.8 104.6
43 41.6 37.4 56.0





#3
Pyridine
Concen: 10.016 ng
RT: 3.714 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

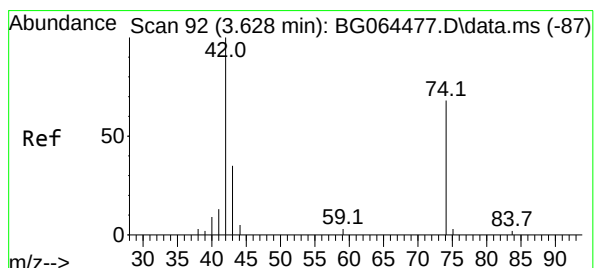
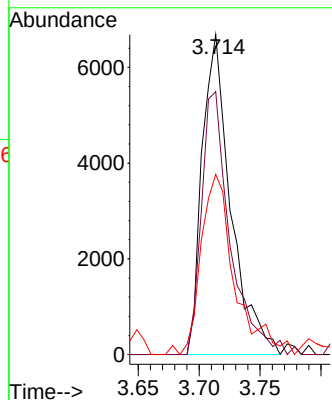
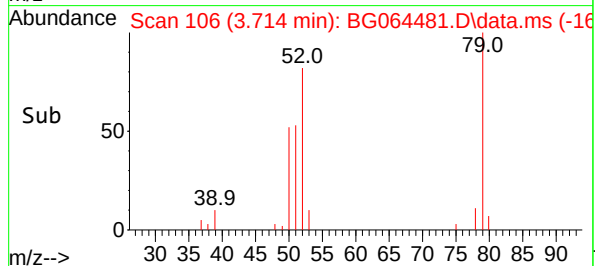
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 10914
Ion Ratio Lower Upper
79 100
52 82.2 71.0 106.4
51 56.3 51.0 76.6

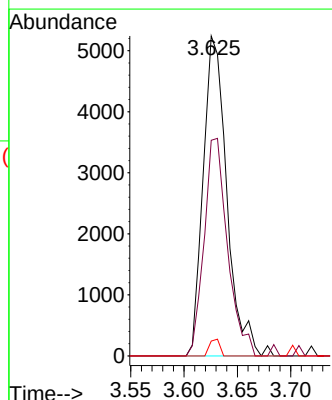
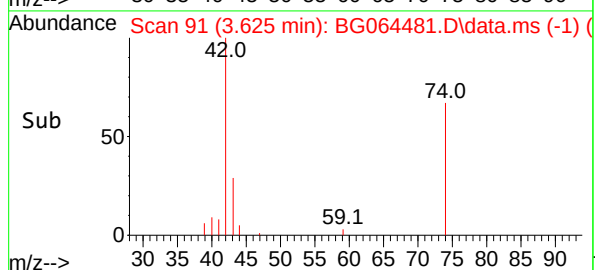
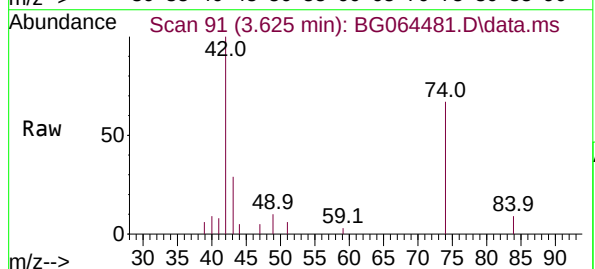
Manual Integrations
APPROVED

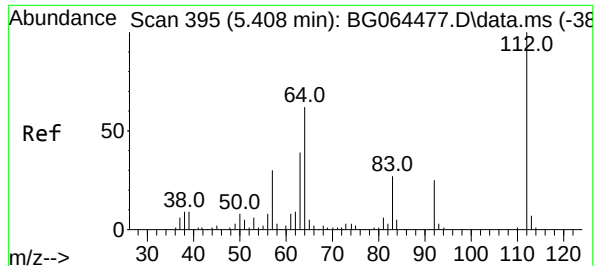
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 10.250 ng
RT: 3.625 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

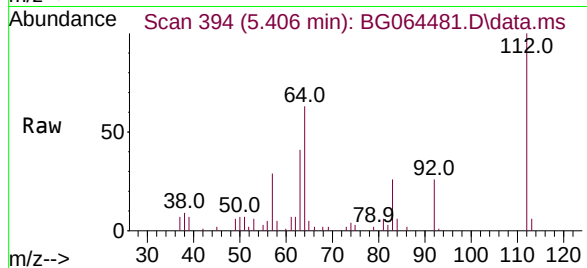
Tgt Ion: 42 Resp: 8097
Ion Ratio Lower Upper
42 100
74 67.4 54.2 81.4
44 4.7 4.2 6.2





#5
2-Fluorophenol
Concen: 18.845 ng
RT: 5.406 min Scan# 395
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

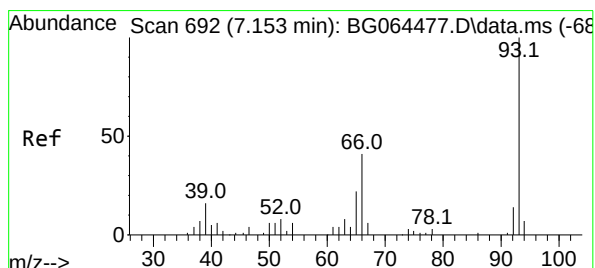
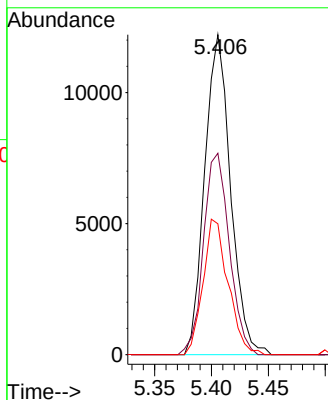
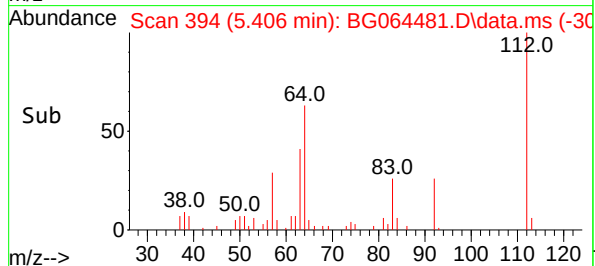
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



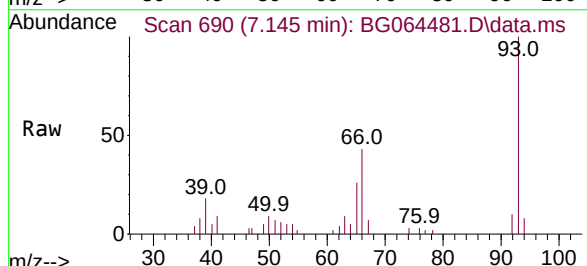
Tgt Ion:112 Resp: 19317
Ion Ratio Lower Upper
112 100
64 62.9 49.8 74.8
63 40.9 31.3 46.9

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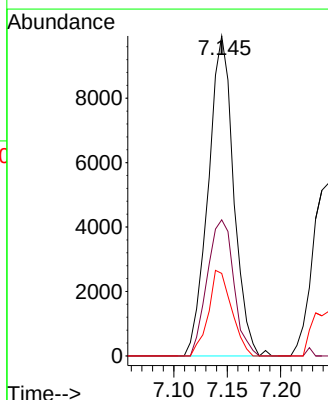
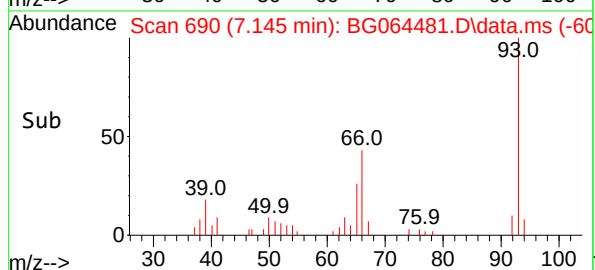
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

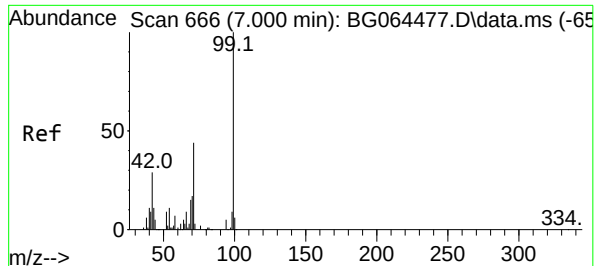


#6
Aniline
Concen: 9.490 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



Tgt Ion: 93 Resp: 16489
Ion Ratio Lower Upper
93 100
66 42.5 33.0 49.4
65 25.8 17.5 26.3





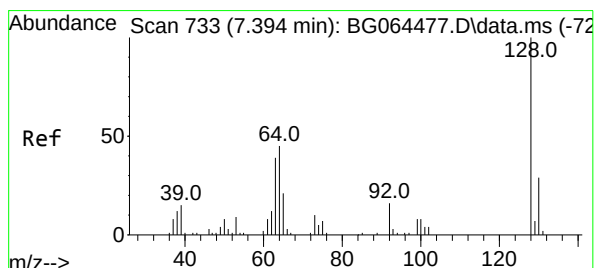
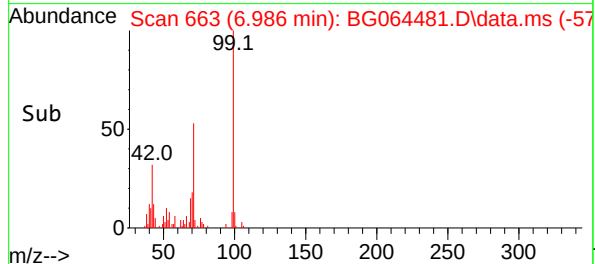
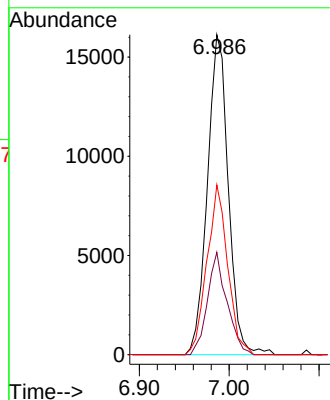
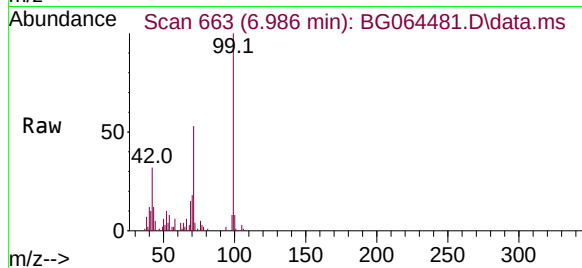
#7
Phenol-d6
Concen: 18.914 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 2605
Ion Ratio Lower Upper
99 100
42 32.0 22.9 34.3
71 53.0 35.4 53.2

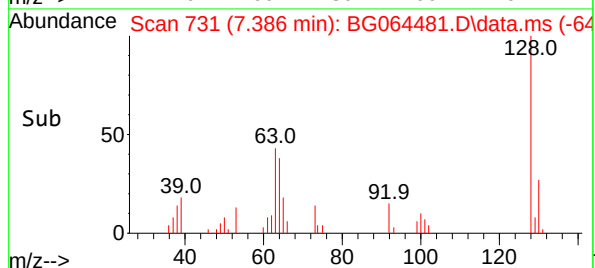
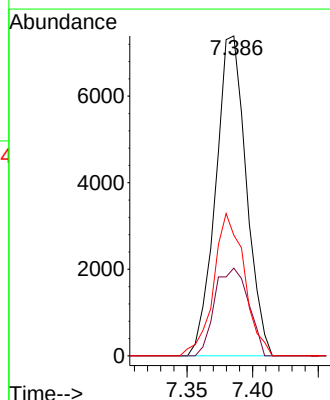
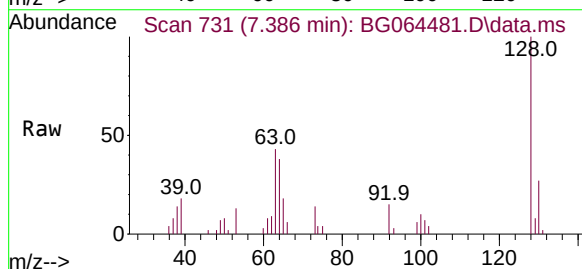
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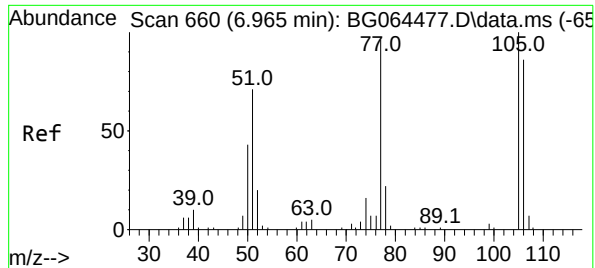
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 9.524 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:128 Resp: 11988
Ion Ratio Lower Upper
128 100
130 27.4 9.2 49.2
64 37.7 25.5 65.5





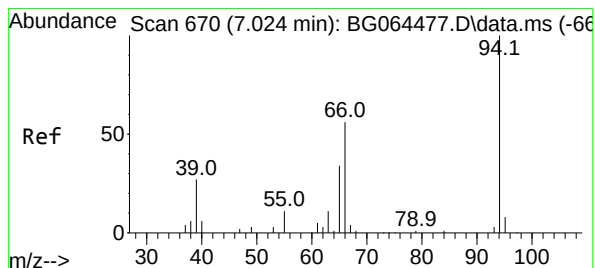
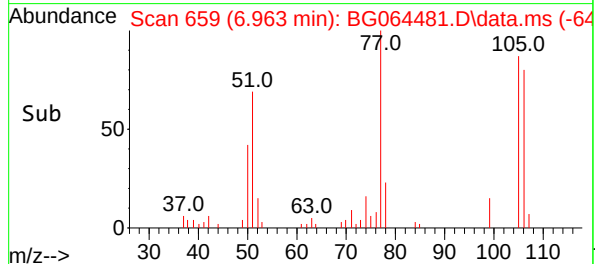
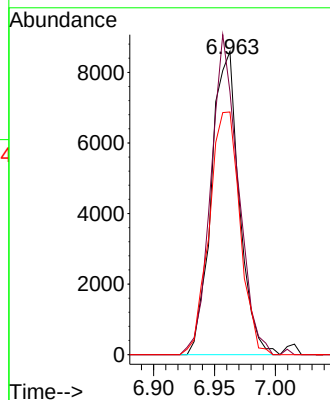
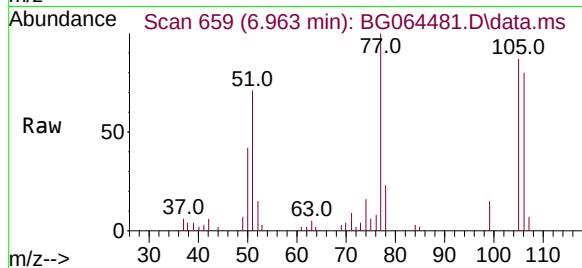
#9
Benzaldehyde
Concen: 11.149 ng
RT: 6.963 min Scan# 660
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 1363
Ion Ratio Lower Upper
77 100
105 86.7 83.7 123.7
106 80.0 69.4 109.4

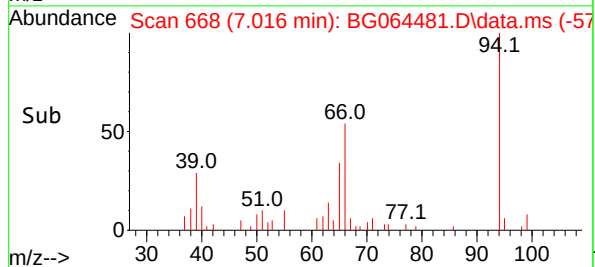
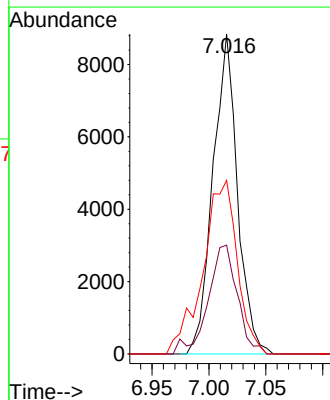
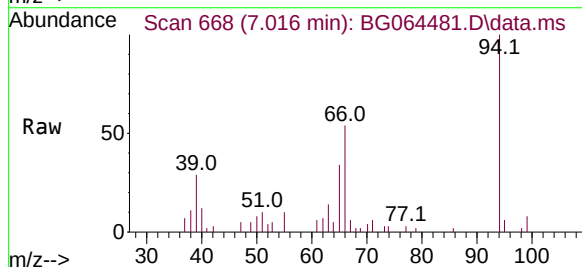
Manual Integrations
APPROVED

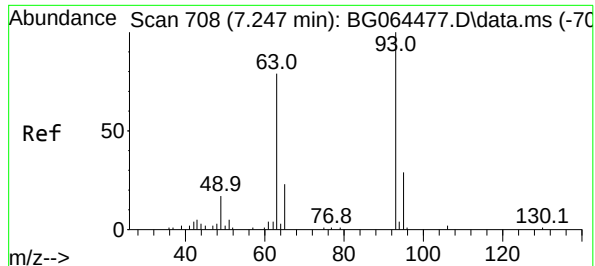
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 9.120 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 94 Resp: 13252
Ion Ratio Lower Upper
94 100
65 34.0 14.8 54.8
66 54.2 41.4 81.4





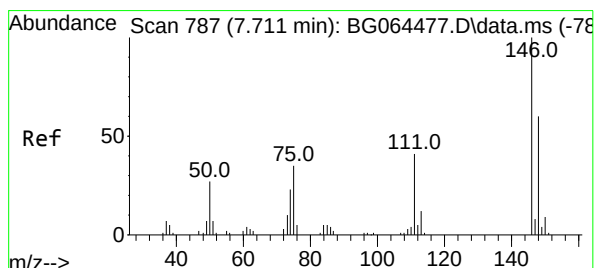
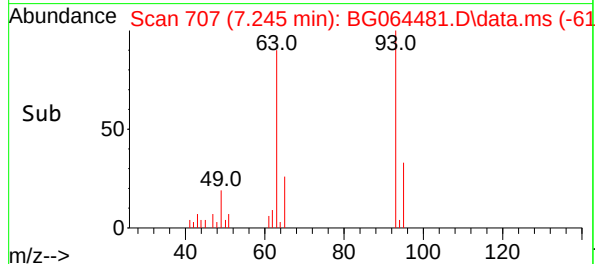
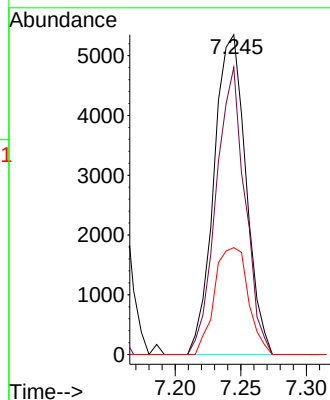
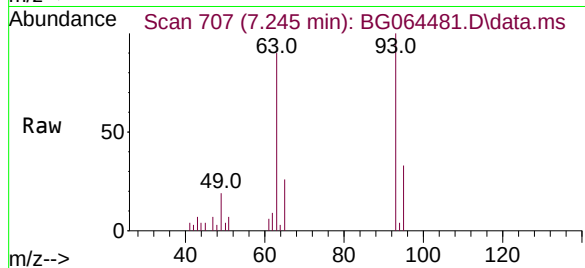
#11
bis(2-Chloroethyl)ether
Concen: 9.186 ng
RT: 7.245 min Scan# 708
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 9040
Ion Ratio Lower Upper
93 100
63 89.8 59.5 99.5
95 33.4 8.8 48.8

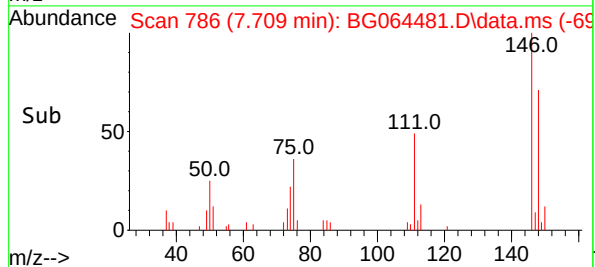
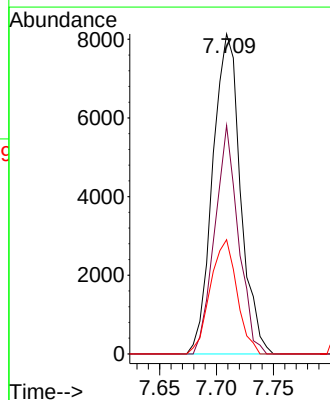
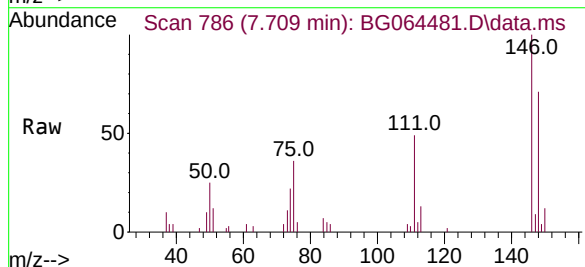
Manual Integrations
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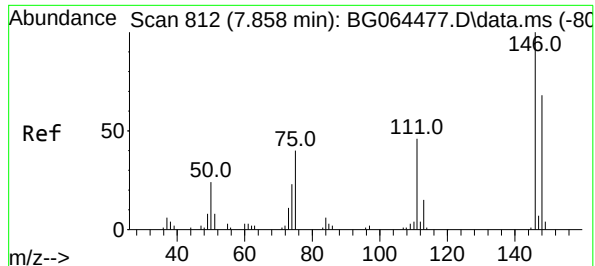
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12
1,3-Dichlorobenzene
Concen: 10.054 ng
RT: 7.709 min Scan# 786
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:146 Resp: 13843
Ion Ratio Lower Upper
146 100
148 71.4 48.4 72.6
75 35.7 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 9.847 ng

RT: 7.856 min Scan# 811

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

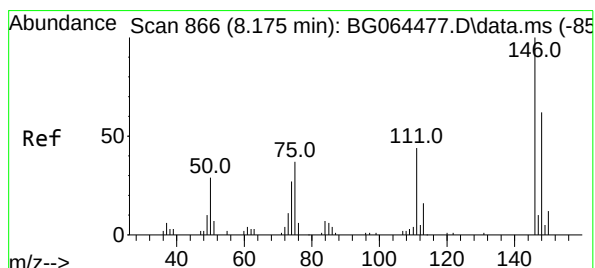
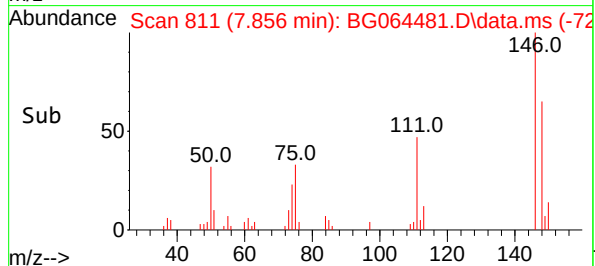
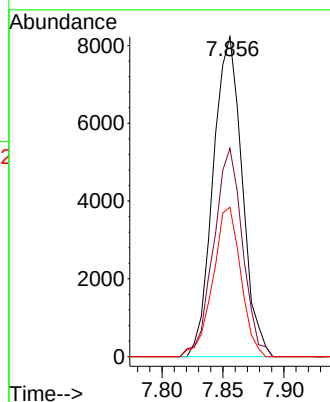
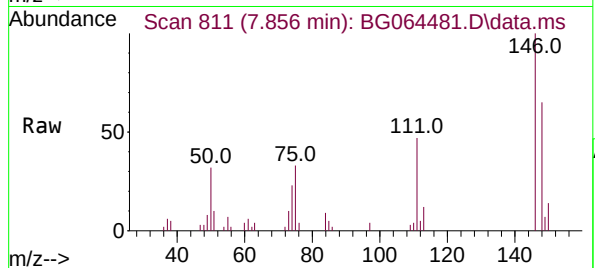
SSTDICC010

Tgt Ion:	146	Resp:	1360
Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.4	81.6
111	46.7	36.5	54.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 9.674 ng

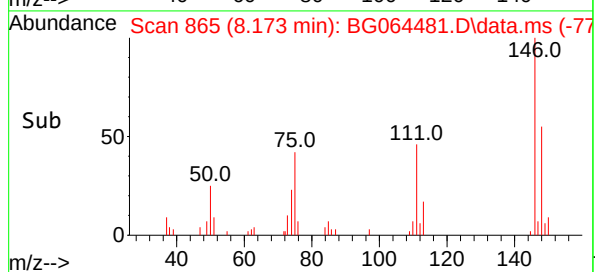
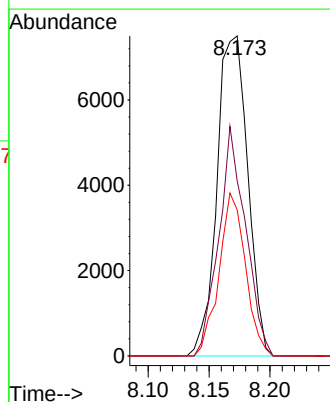
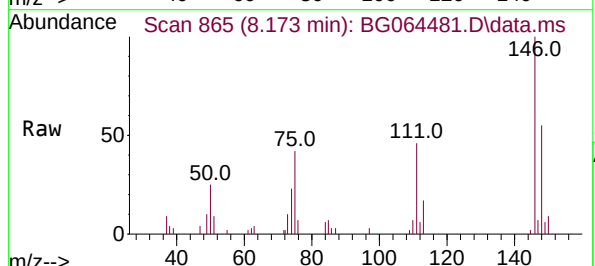
RT: 8.173 min Scan# 865

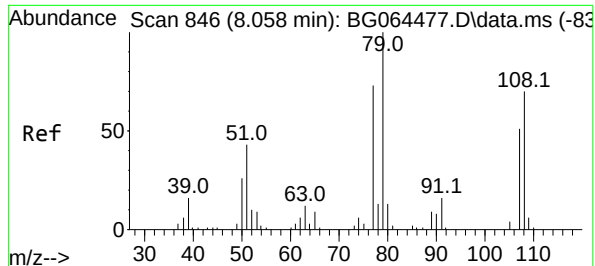
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Tgt Ion:	146	Resp:	13175
Ion	Ratio	Lower	Upper
146	100		
148	54.7	50.0	75.0
111	45.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 9.151 ng

RT: 8.055 min Scan# 84

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 11608

Ion Ratio Lower Upper

79 100

108 70.0 56.4 84.6

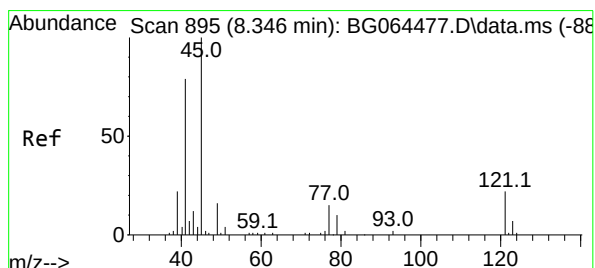
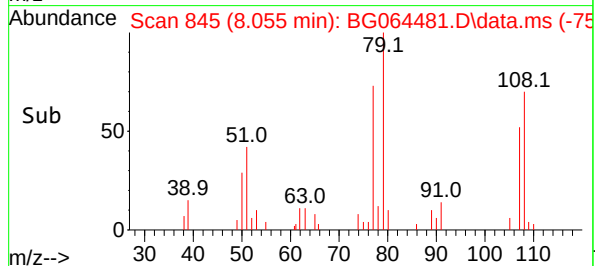
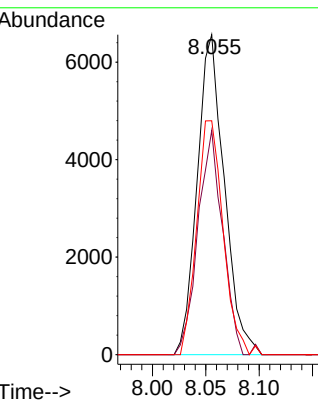
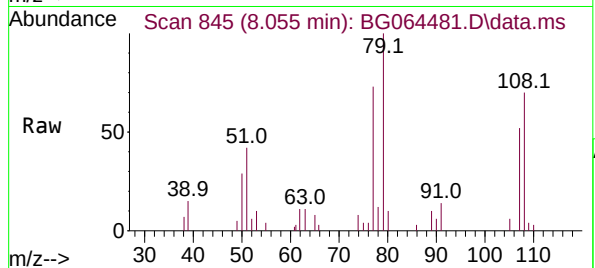
77 73.1 58.3 87.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.625 ng

RT: 8.338 min Scan# 893

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

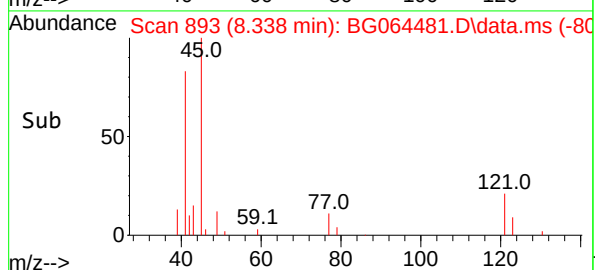
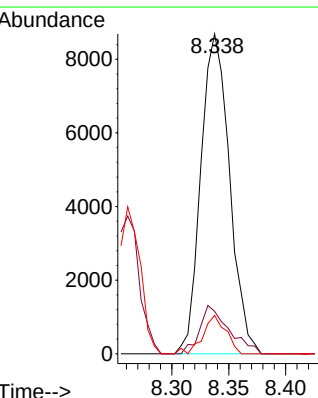
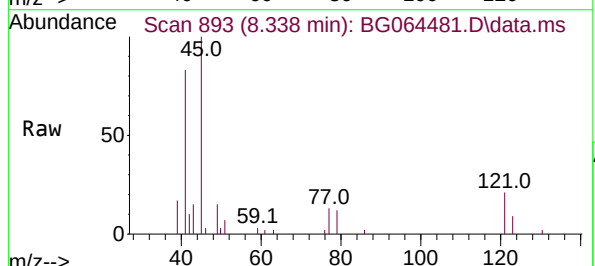
Tgt Ion: 45 Resp: 15268

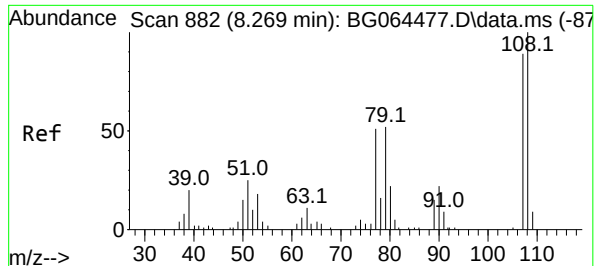
Ion Ratio Lower Upper

45 100

77 13.3 0.0 35.6

79 12.0 0.0 30.7





#17

2-Methylphenol

Concen: 9.584 ng

RT: 8.261 min Scan# 882

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

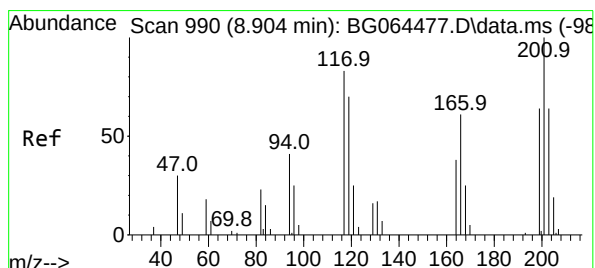
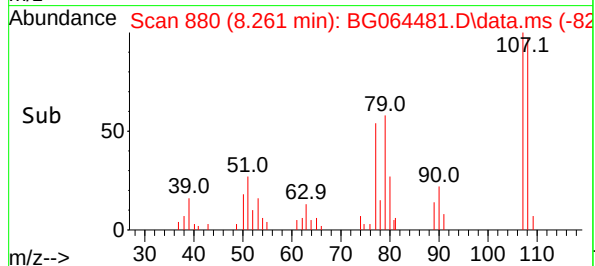
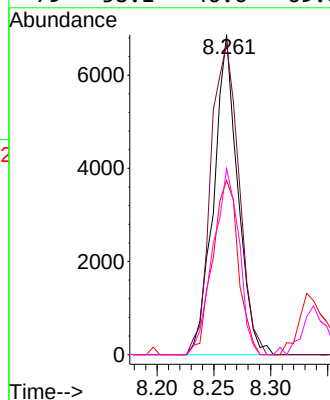
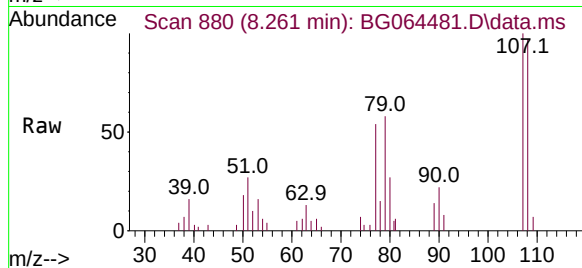
Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:	107	Resp:	10084
Ion	Ratio	Lower	Upper
107	100		
108	97.0	90.3	135.5
77	54.4	46.0	69.0
79	58.1	46.6	69.8

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

#18

Hexachloroethane

Concen: 10.956 ng

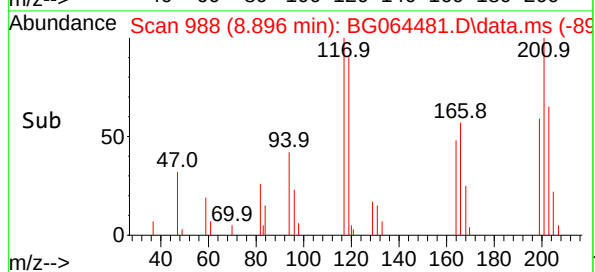
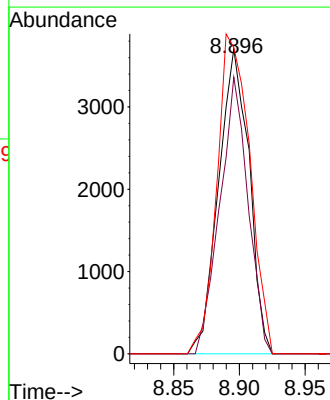
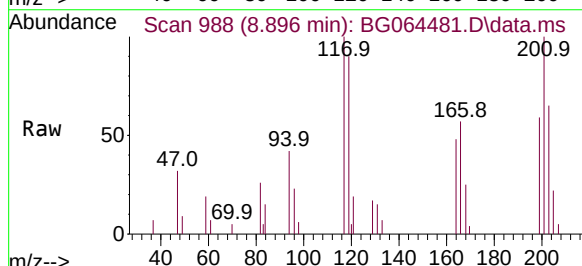
RT: 8.896 min Scan# 988

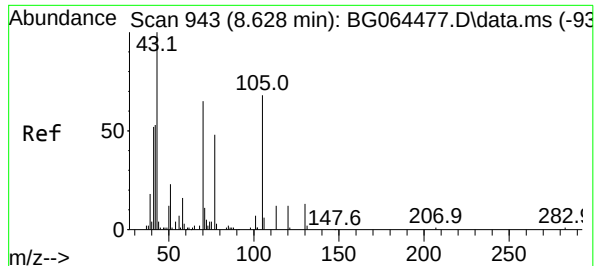
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Tgt Ion:	117	Resp:	5976
Ion	Ratio	Lower	Upper
117	100		
119	90.7	67.4	101.0
201	100.5	95.9	143.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.398 ng

RT: 8.614 min Scan# 94

Delta R.T. 0.000 min

Lab File: BG064481.D

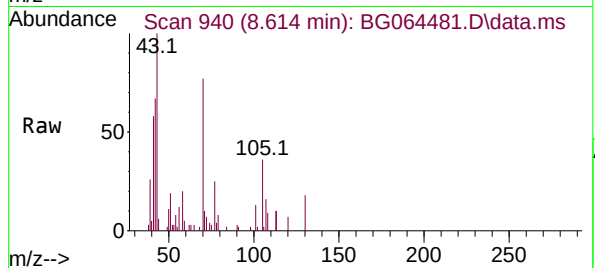
Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDIC010



Tgt Ion: 70 Resp: 8658

Ion Ratio Lower Upper

70 100

42 87.5 64.9 97.3

101 16.3 8.7 13.1

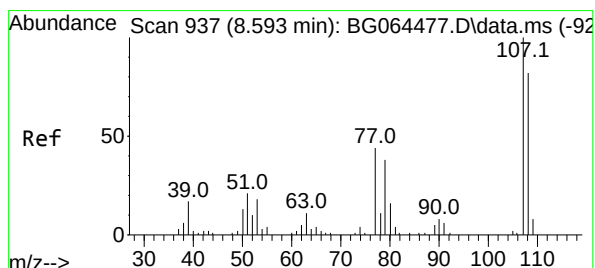
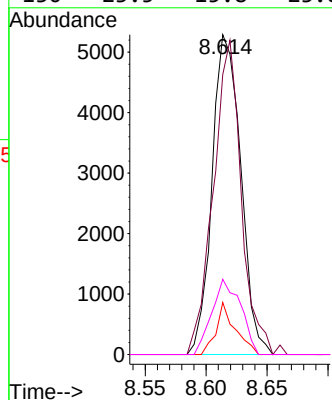
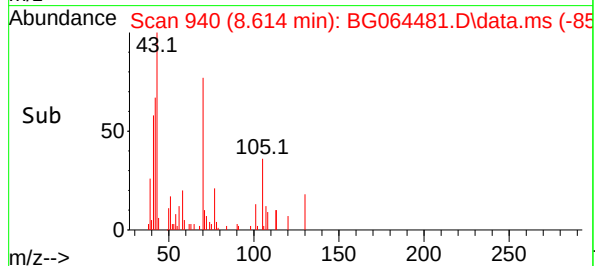
130 23.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

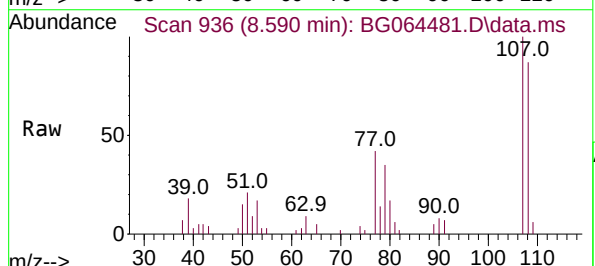
Concen: 9.508 ng

RT: 8.590 min Scan# 936

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49



Tgt Ion:107 Resp: 13961

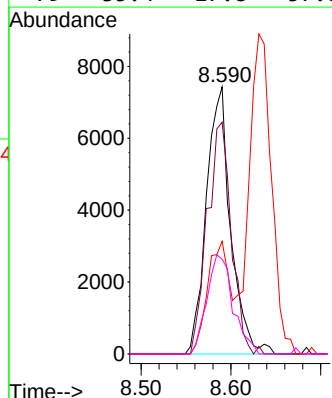
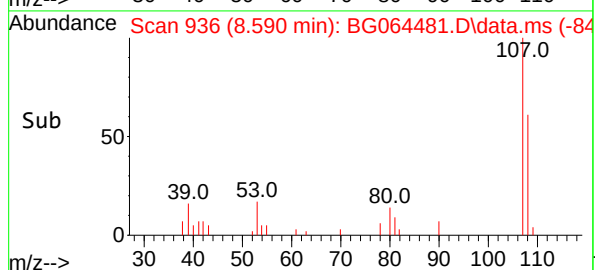
Ion Ratio Lower Upper

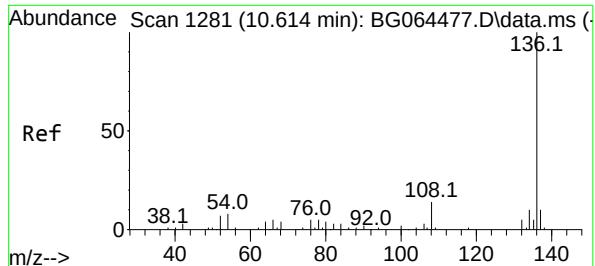
107 100

108 86.8 62.1 102.1

77 42.2 23.5 63.5

79 35.4 17.8 57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.605 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

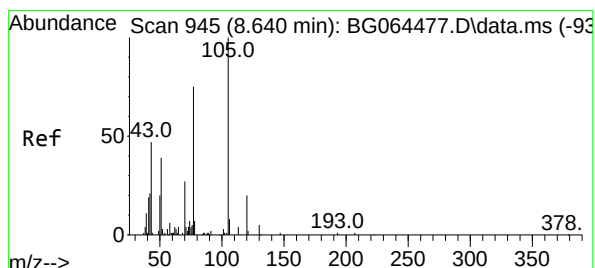
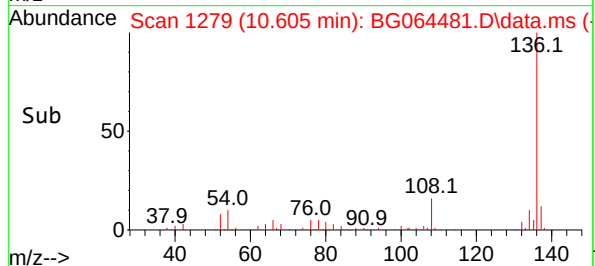
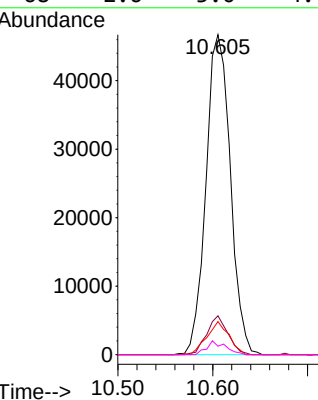
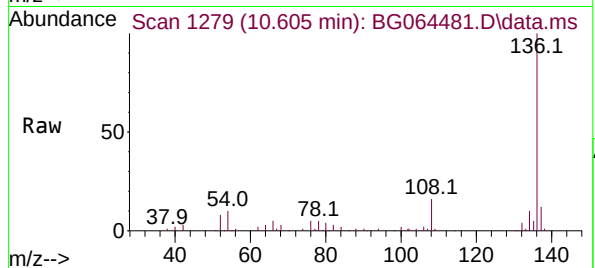
Tgt Ion:136	Resp:	83408
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.3 12.5
54	10.3	6.2 9.4
68	2.6	3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#22

Acetophenone

Concen: 9.286 ng

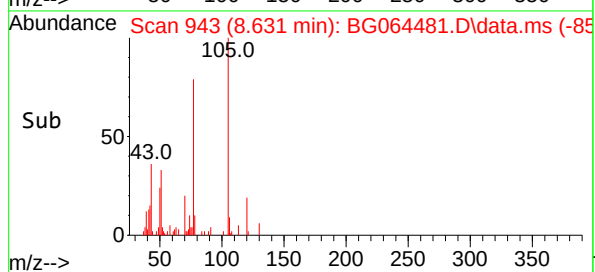
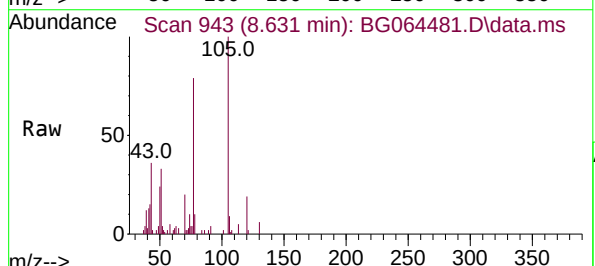
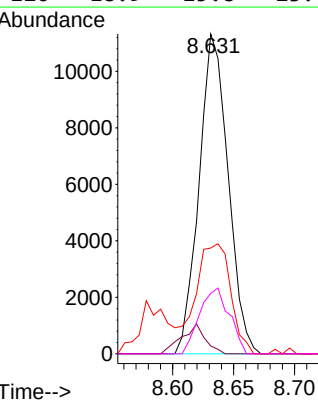
RT: 8.631 min Scan# 943

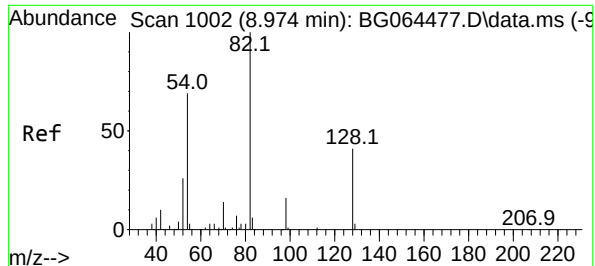
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Tgt Ion:105	Resp:	18753
Ion Ratio	Lower	Upper
105	100	
71	2.5	2.8 4.2
51	33.1	33.0 49.4
120	18.9	15.8 23.6





#23

Nitrobenzene-d5

Concen: 18.926 ng

RT: 8.966 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

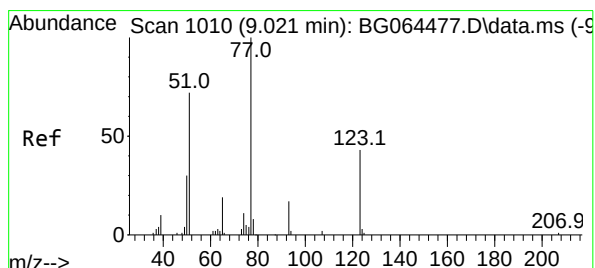
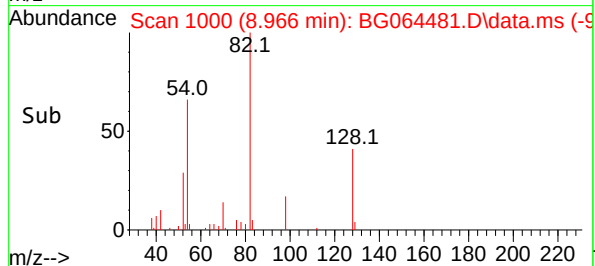
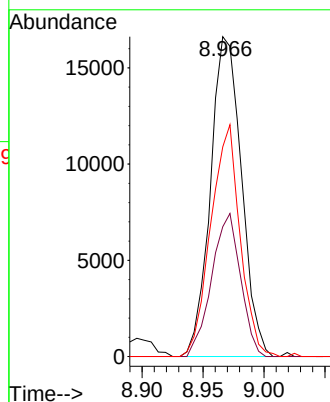
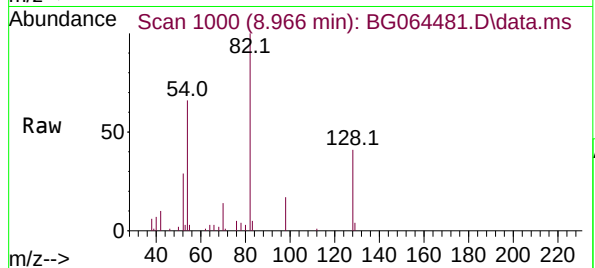
SSTDICC010

Tgt Ion:	82	Resp:	29358
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.1	49.7
54	65.5	55.4	83.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 9.386 ng

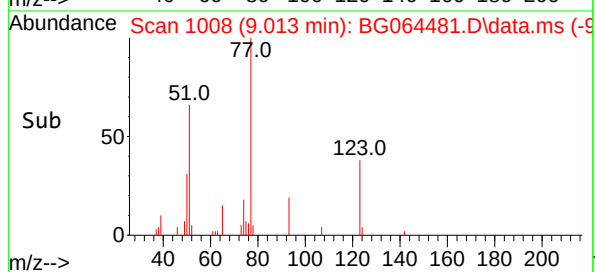
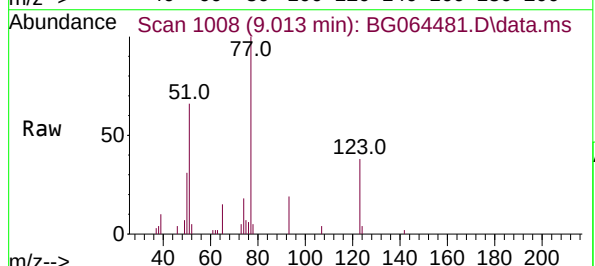
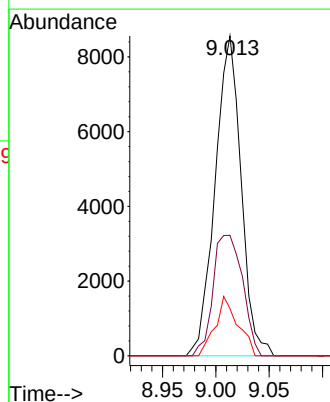
RT: 9.013 min Scan# 1008

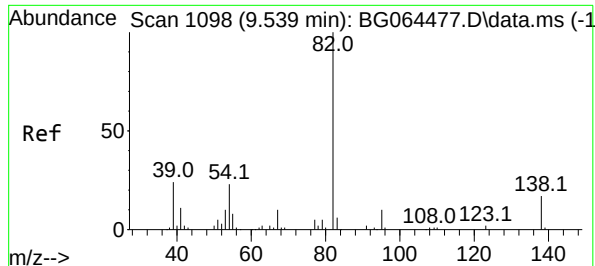
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

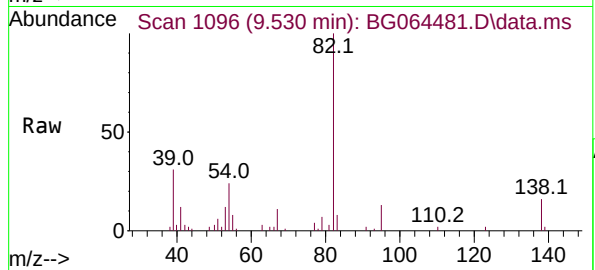
Tgt Ion:	77	Resp:	14519
Ion	Ratio	Lower	Upper
77	100		
123	37.7	34.4	51.6
65	14.8	14.8	22.2





#25
Isophorone
Concen: 9.712 ng
RT: 9.530 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

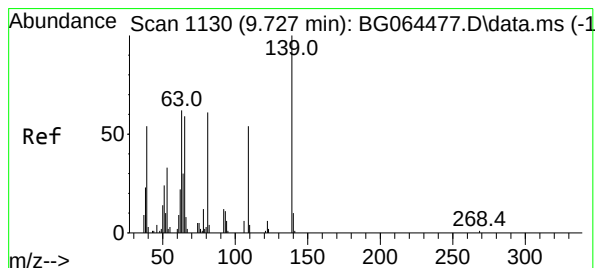
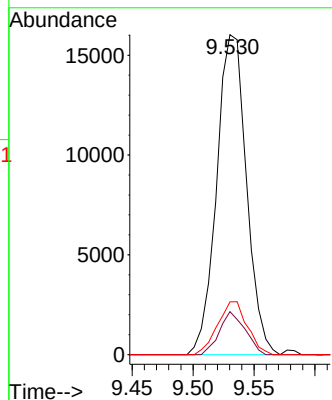
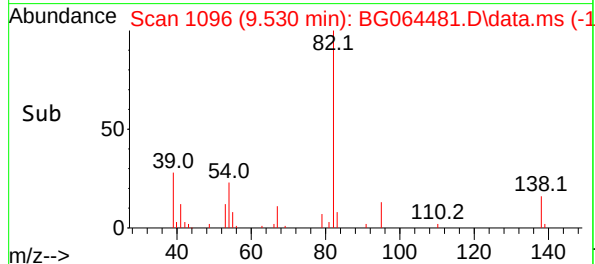
Instrument :
BNA_G
Client Sample Id :
SSTDICC010



Tgt Ion: 82 Resp: 27293
Ion Ratio Lower Upper
82 100
95 13.4 7.8 11.8
138 16.5 13.8 20.6

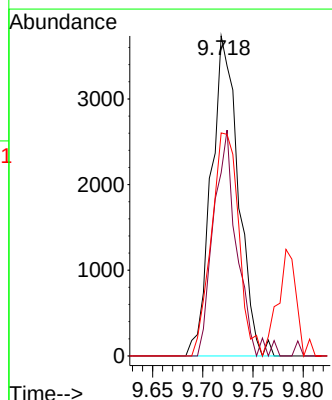
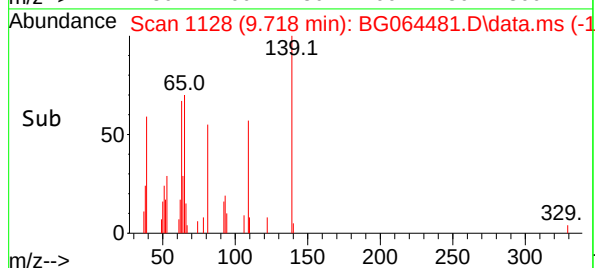
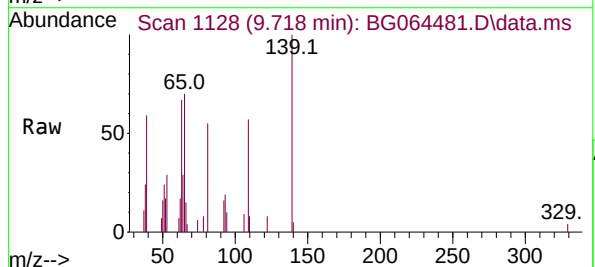
Manual Integrations
APPROVED

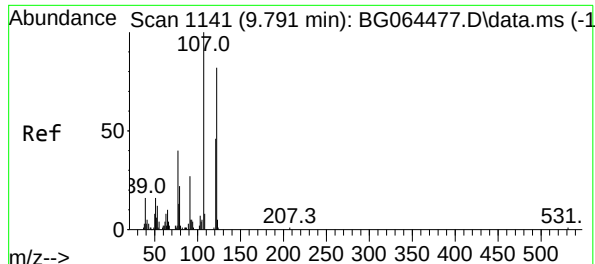
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#26
2-Nitrophenol
Concen: 9.130 ng
RT: 9.718 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:139 Resp: 7029
Ion Ratio Lower Upper
139 100
109 57.2 43.0 64.6
65 69.7 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 9.122 ng

RT: 9.783 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BG064481.D

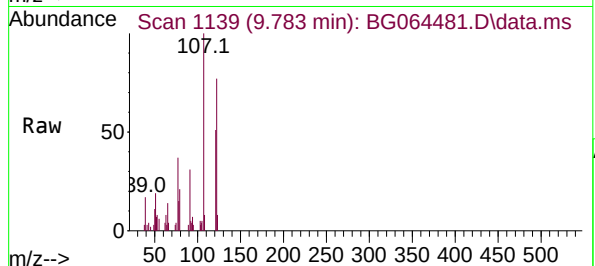
Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



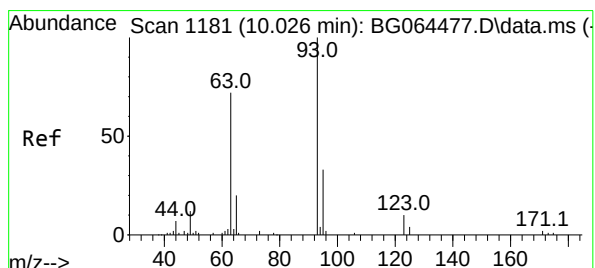
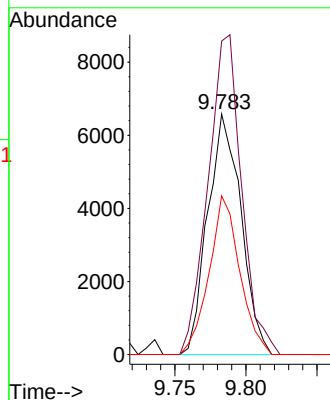
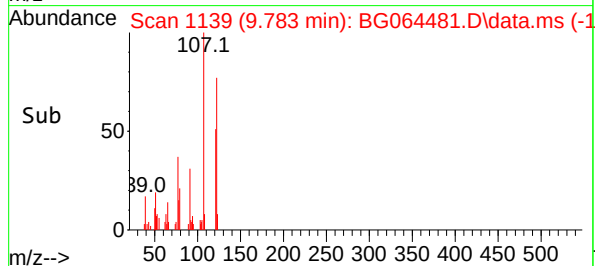
Tgt Ion:	122	Resp:	10720
Ion	Ratio	Lower	Upper
122	100		
107	130.3	98.3	147.5
121	66.0	44.7	67.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

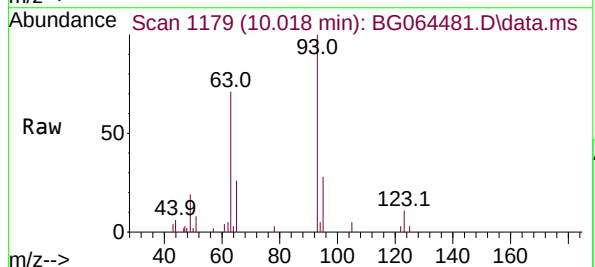
Concen: 9.323 ng

RT: 10.018 min Scan# 1179

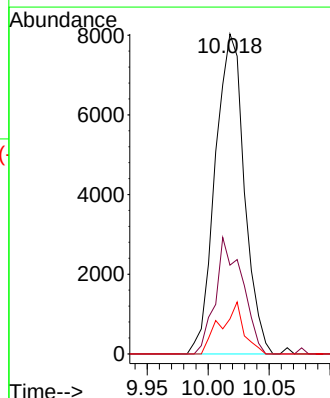
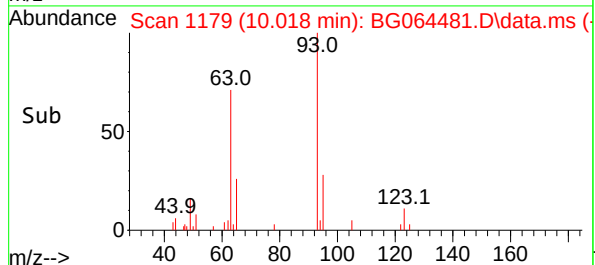
Delta R.T. 0.000 min

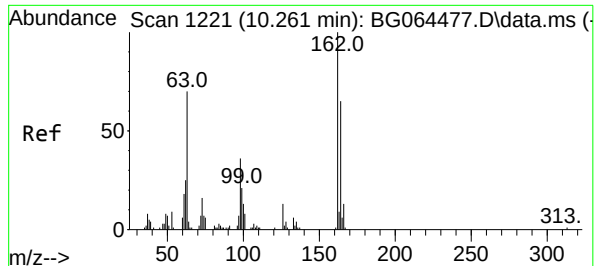
Lab File: BG064481.D

Acq: 2 Oct 2025 15:49



Tgt Ion:	93	Resp:	13354
Ion	Ratio	Lower	Upper
93	100		
95	27.7	26.5	39.7
123	10.9	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 9.349 ng

RT: 10.259 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

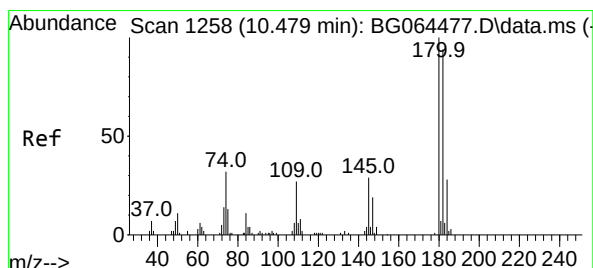
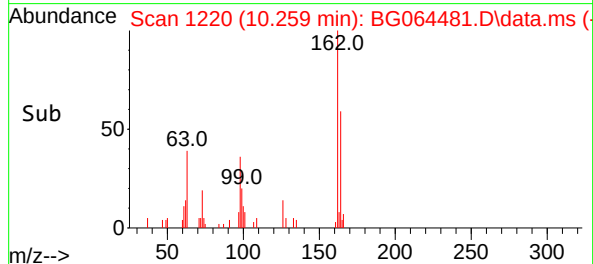
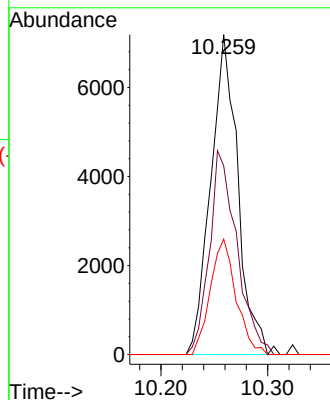
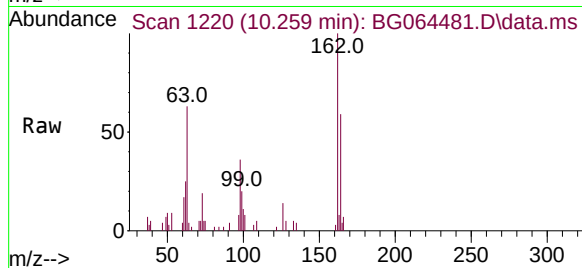
Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:	162	Resp:	12712
Ion Ratio	Lower	Upper	
162	100		
164	59.0	45.4	85.4
98	36.1	16.4	56.4

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

#30

1,2,4-Trichlorobenzene

Concen: 9.366 ng

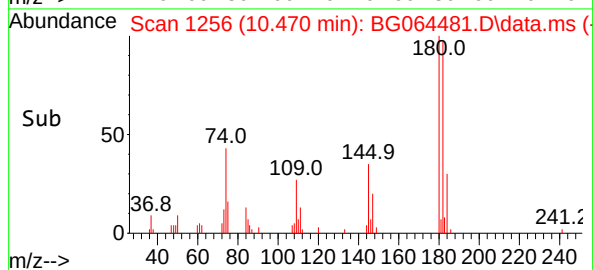
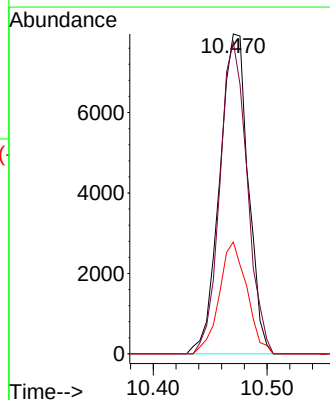
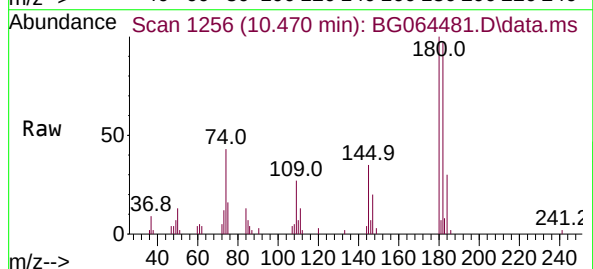
RT: 10.470 min Scan# 1256

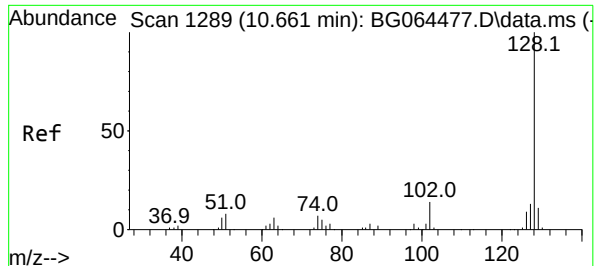
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

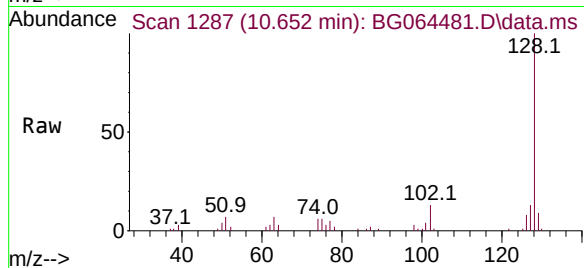
Tgt Ion:	180	Resp:	13887
Ion Ratio	Lower	Upper	
180	100		
182	105.1	75.4	113.2
145	35.0	23.2	34.8#





#31
Naphthalene
Concen: 9.512 ng
RT: 10.652 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

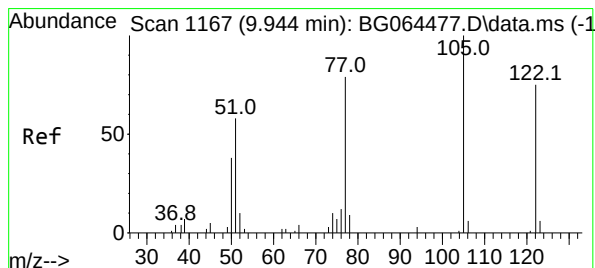
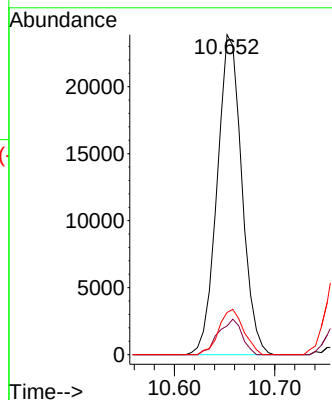
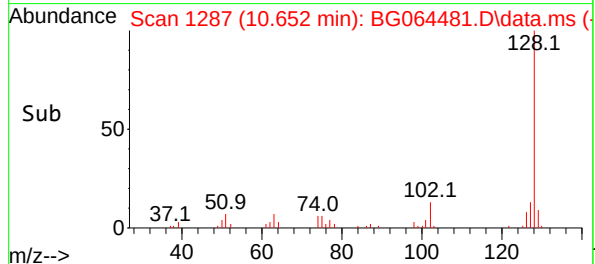
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 4085
Ion Ratio Lower Upper
128 100
129 9.0 8.7 13.1
127 13.2 10.2 15.2

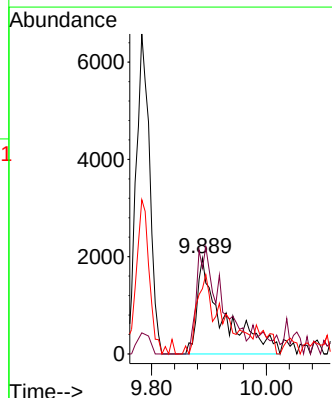
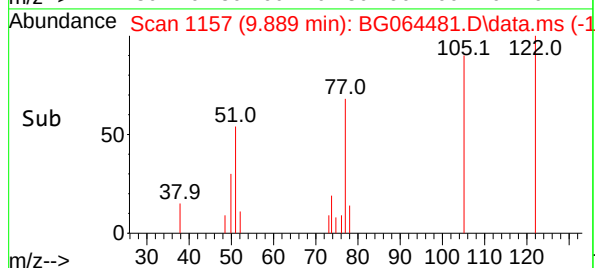
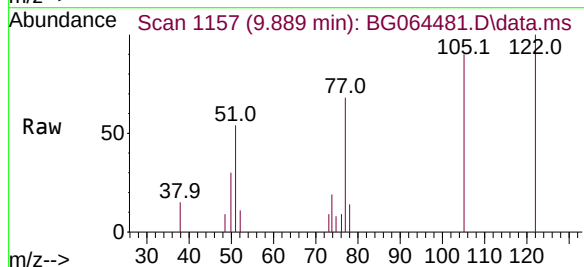
Manual Integrations
APPROVED

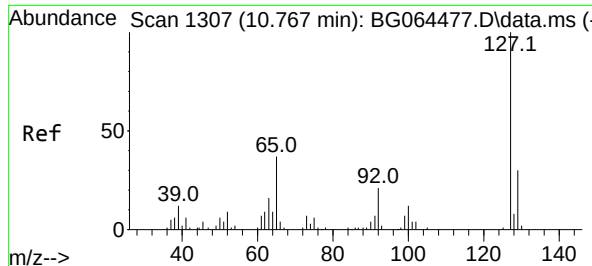
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 6.894 ng m
RT: 9.889 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:122 Resp: 6224
Ion Ratio Lower Upper
122 100
105 89.5 113.9 153.9#
77 68.1 86.1 126.1#





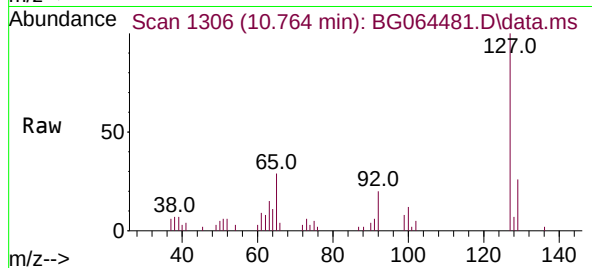
#33
4-Chloroaniline
Concen: 10.065 ng
RT: 10.764 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

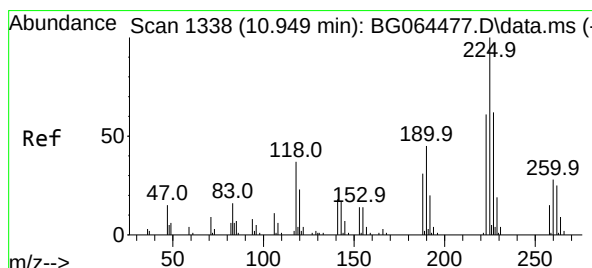
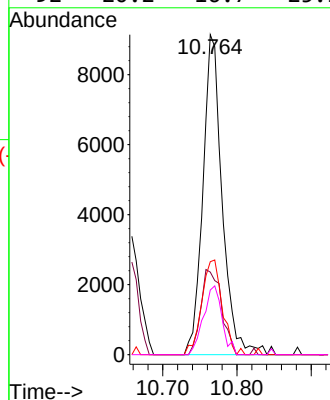
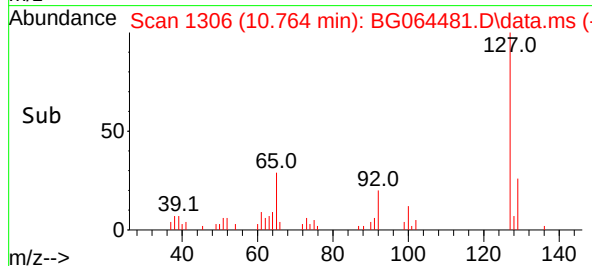
SSTDICC010



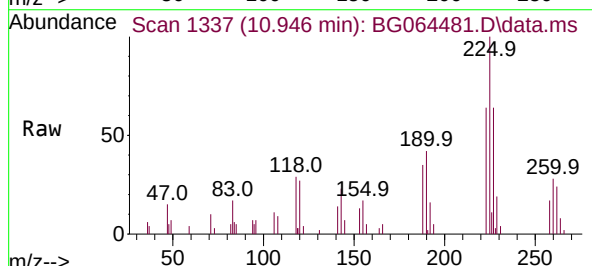
Tgt Ion:127 Resp: 16589
Ion Ratio Lower Upper
127 100
129 25.8 24.2 36.4
65 29.0 29.6 44.4
92 20.2 16.7 25.1

Manual Integrations
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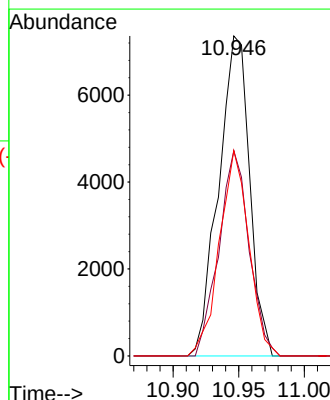
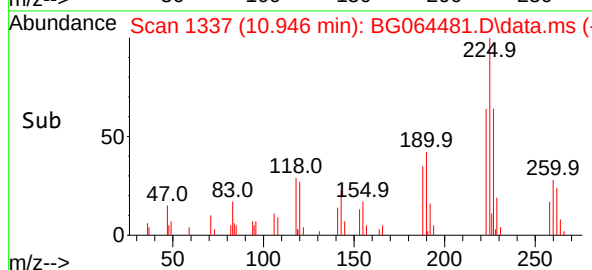
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

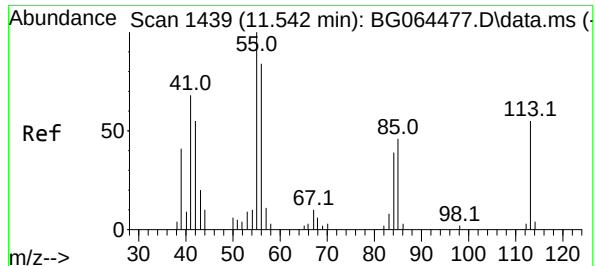


#34
Hexachlorobutadiene
Concen: 9.503 ng
RT: 10.946 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



Tgt Ion:225 Resp: 12067
Ion Ratio Lower Upper
225 100
223 64.1 49.0 73.6
227 64.1 49.9 74.9





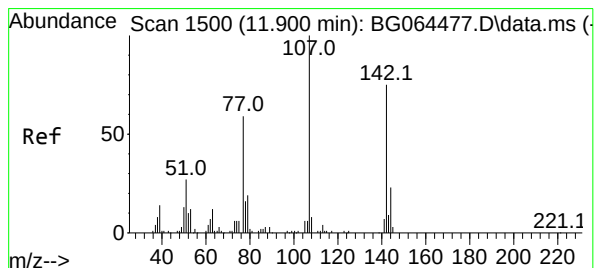
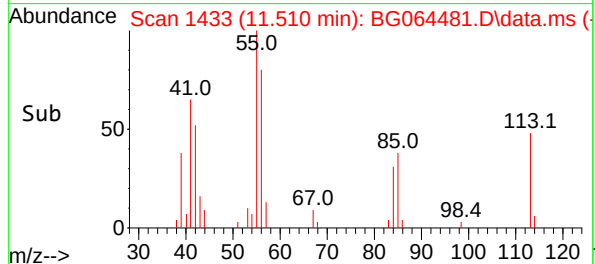
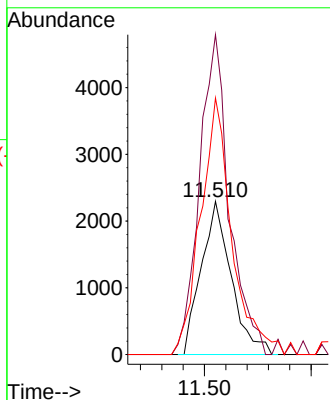
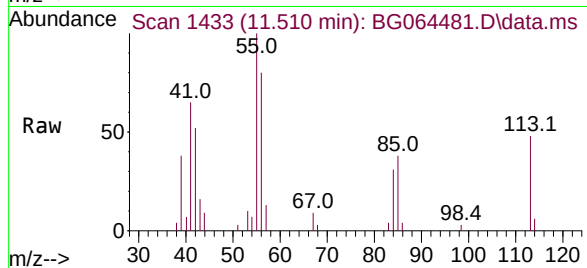
#35
Caprolactam
Concen: 9.648 ng
RT: 11.510 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 4491
Ion Ratio Lower Upper
113 100
55 209.0 162.0 202.0
56 167.6 134.6 174.6

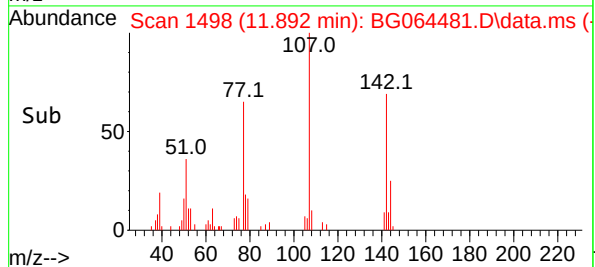
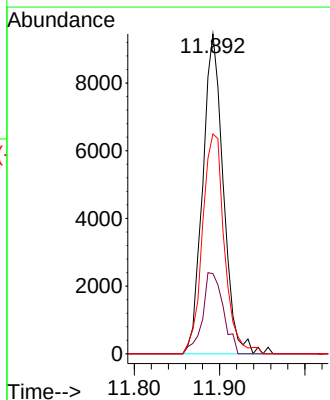
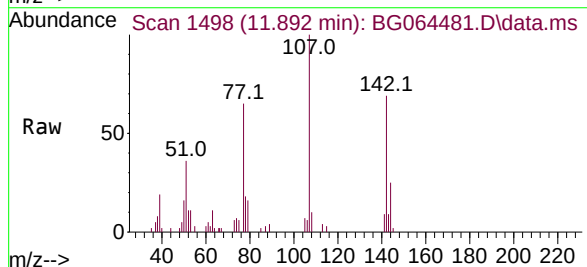
Manual Integrations
APPROVED

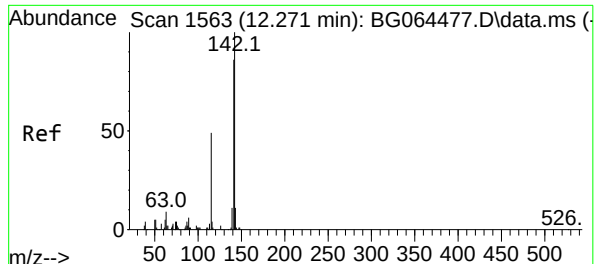
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 9.597 ng
RT: 11.892 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:107 Resp: 15870
Ion Ratio Lower Upper
107 100
144 25.1 18.7 28.1
142 68.7 60.2 90.2





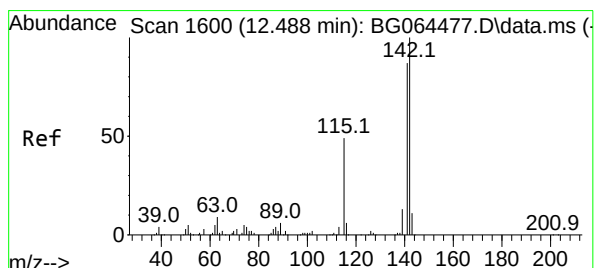
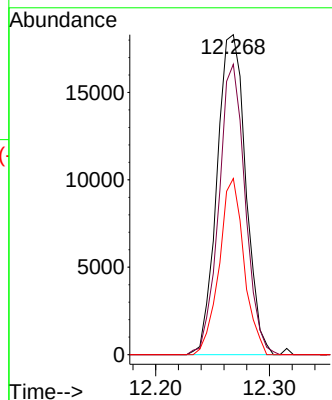
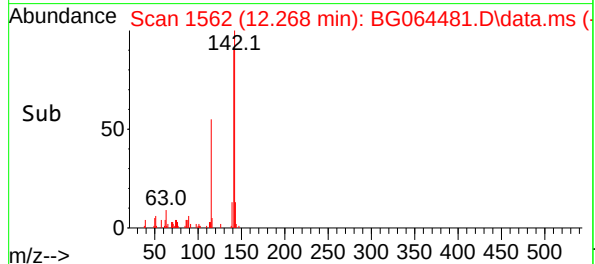
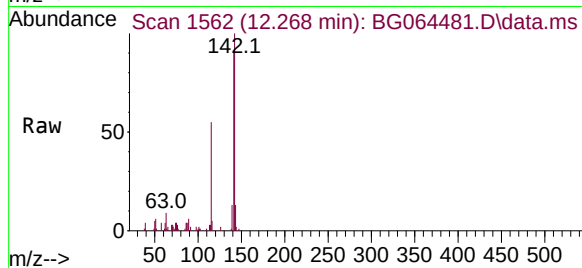
#37
2-Methylnaphthalene
Concen: 9.749 ng
RT: 12.268 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 3214
Ion Ratio Lower Upper
142 100
141 90.7 68.7 103.1
115 55.0 39.3 58.9

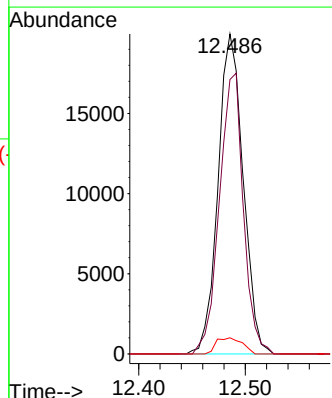
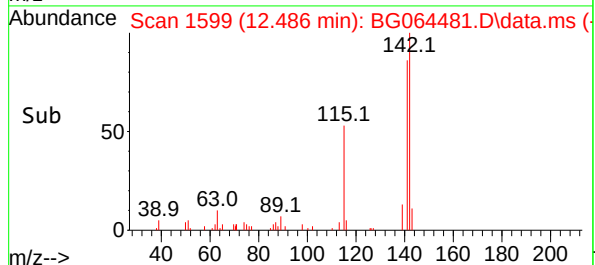
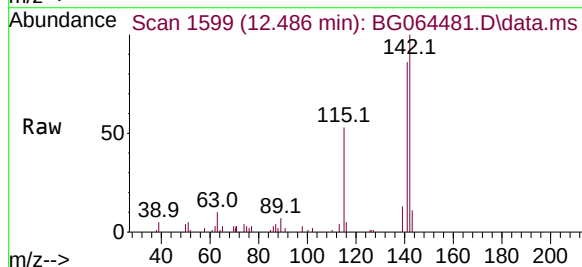
Manual Integrations
APPROVED

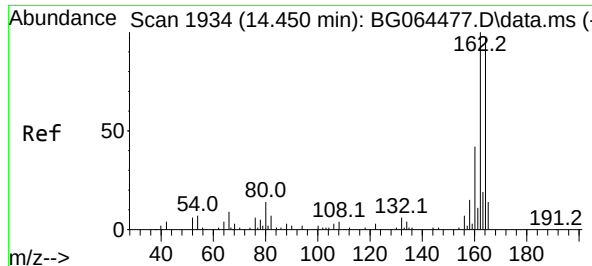
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 9.921 ng
RT: 12.486 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:142 Resp: 32614
Ion Ratio Lower Upper
142 100
141 85.7 69.8 104.8
116 5.1 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BG064481.D

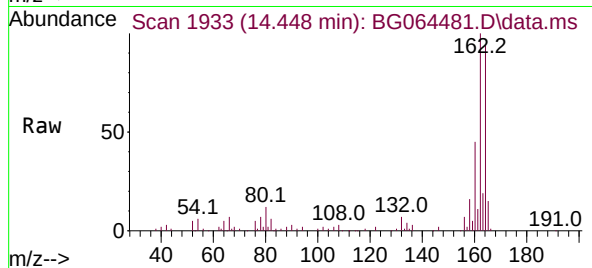
Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

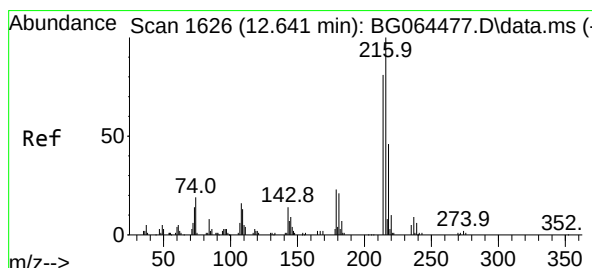
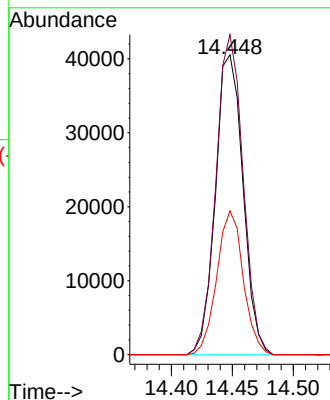
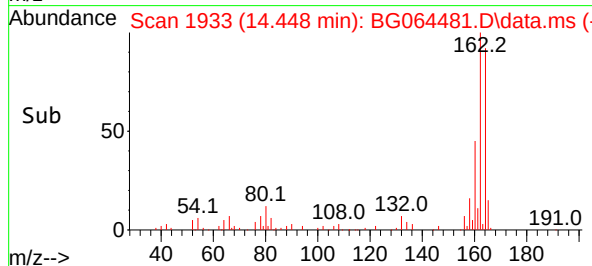


Tgt Ion:	164	Resp:	6348
Ion Ratio	Lower	Upper	
164	100		
162	106.7	82.2	123.2
160	48.0	34.3	51.5

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

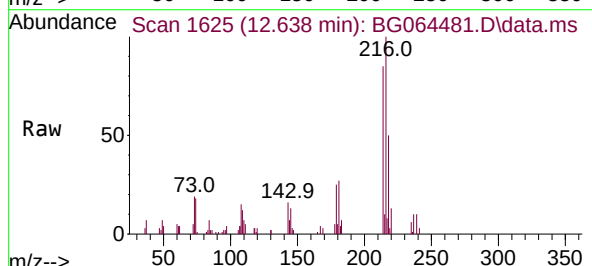
Concen: 9.354 ng

RT: 12.638 min Scan# 1625

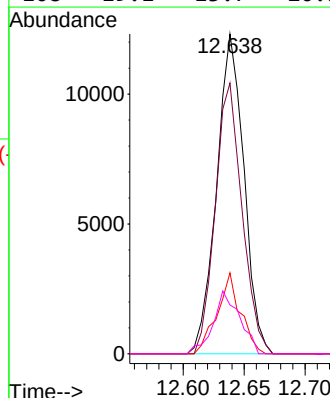
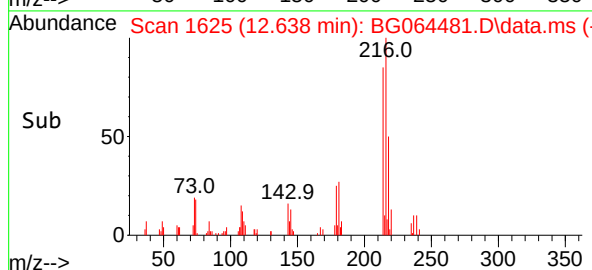
Delta R.T. 0.000 min

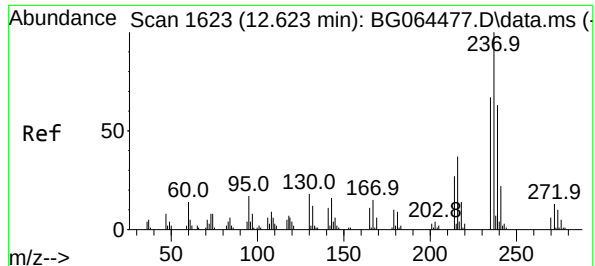
Lab File: BG064481.D

Acq: 2 Oct 2025 15:49



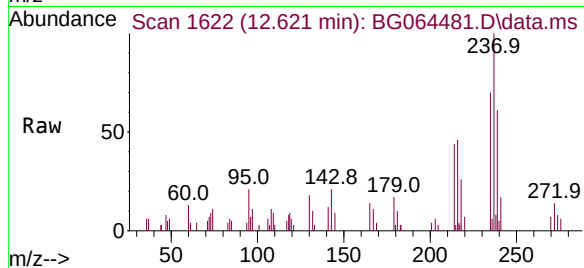
Tgt Ion:	216	Resp:	19175
Ion Ratio	Lower	Upper	
216	100		
214	82.9	62.5	93.7
179	21.7	17.0	25.6
108	19.1	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 8.249 ng
RT: 12.621 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

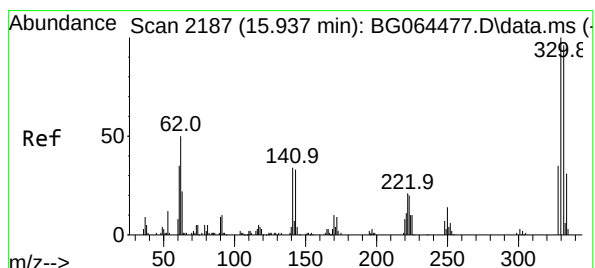
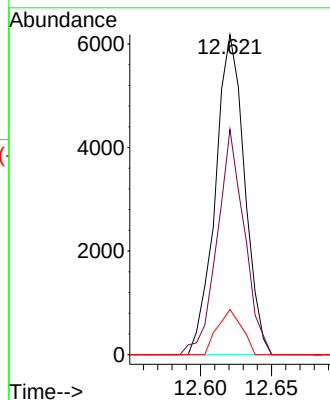
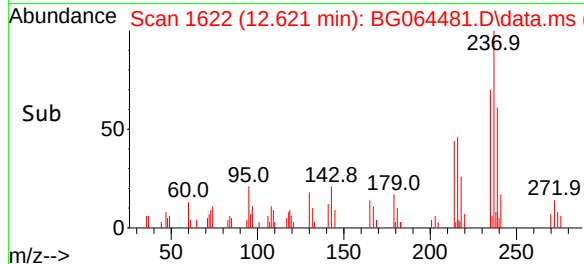
Instrument :
BNA_G
Client Sample Id :
SSTDICC010



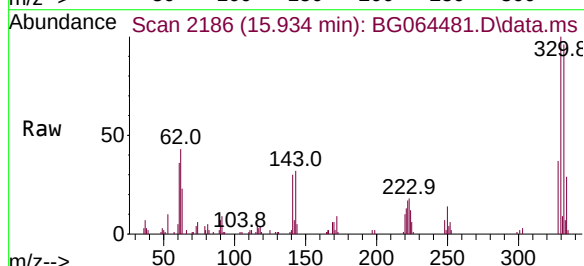
Tgt Ion: 237 Resp: 8845
Ion Ratio Lower Upper
237 100
235 70.4 46.9 86.9
272 14.1 0.0 32.6

Manual Integrations
APPROVED

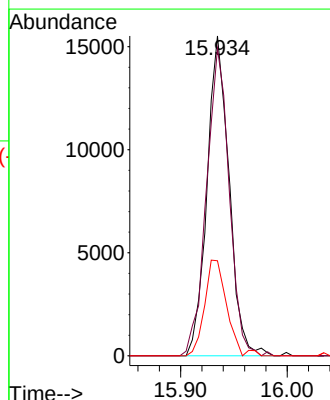
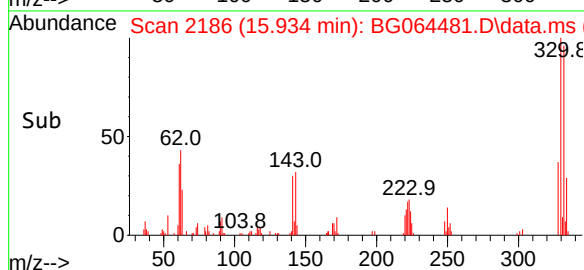
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

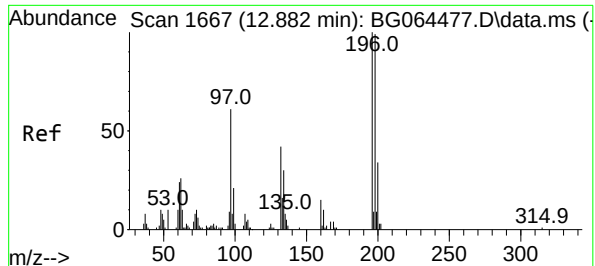


#42
2,4,6-Tribromophenol
Concen: 19.423 ng
RT: 15.934 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



Tgt Ion: 330 Resp: 22352
Ion Ratio Lower Upper
330 100
332 98.9 77.4 116.0
141 30.0 25.8 38.6





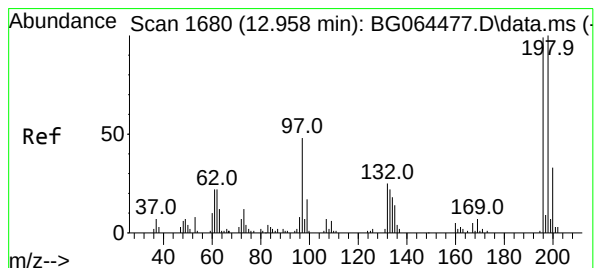
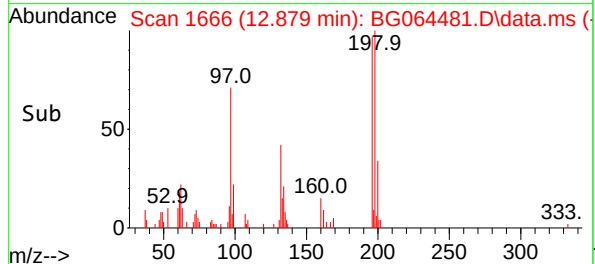
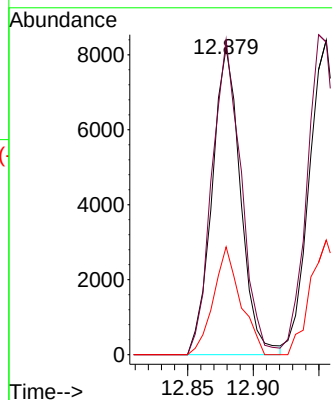
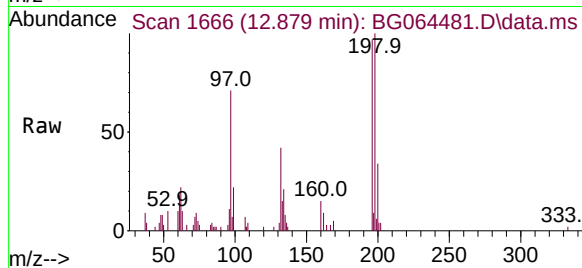
#43
2,4,6-Trichlorophenol
Concen: 9.457 ng
RT: 12.879 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 12393
Ion Ratio Lower Upper
196 100
198 102.6 79.3 118.9
200 39.2 27.4 41.2

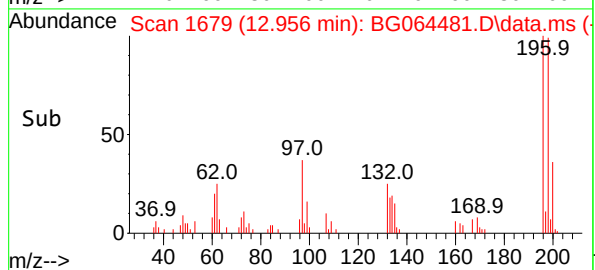
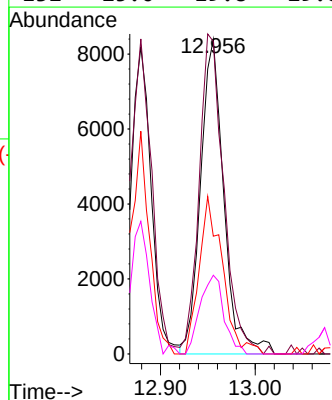
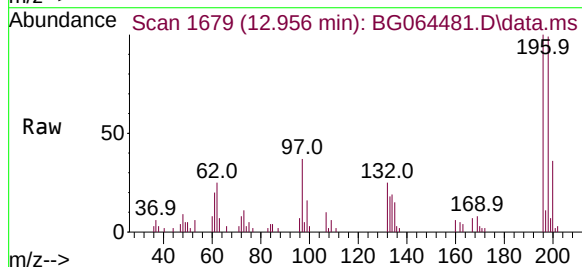
Manual Integrations
APPROVED

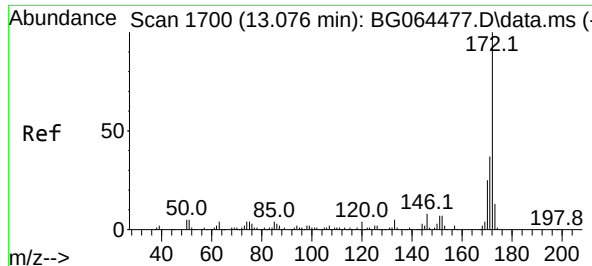
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 9.806 ng
RT: 12.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

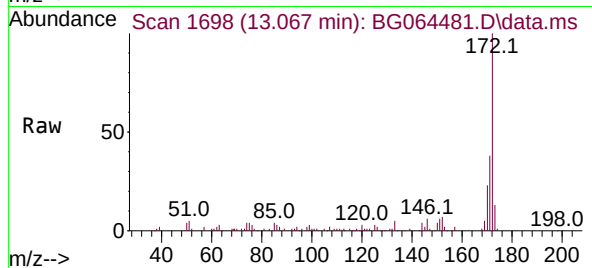
Tgt Ion:196 Resp: 14346
Ion Ratio Lower Upper
196 100
198 99.3 80.3 120.5
97 37.4 39.4 59.0#
132 25.0 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 19.718 ng
RT: 13.067 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

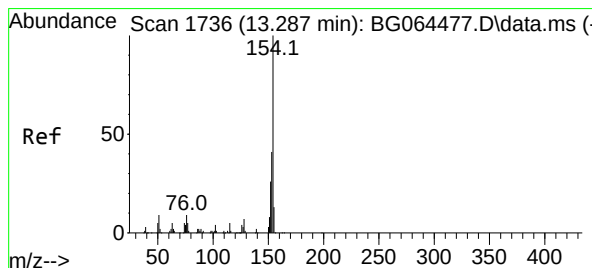
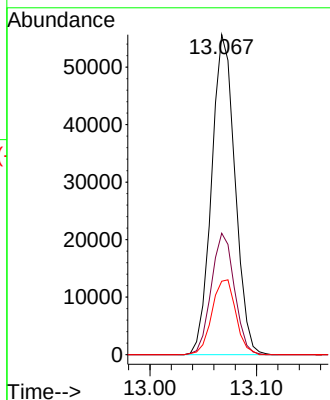
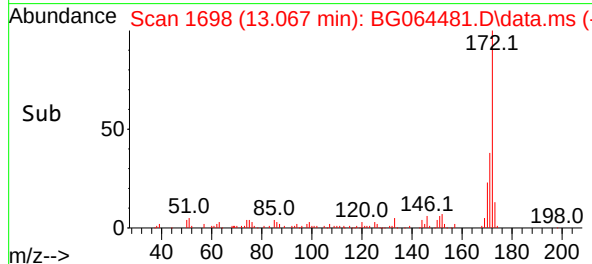
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 84929
Ion Ratio Lower Upper
172 100
171 37.9 29.6 44.4
170 22.9 20.2 30.2

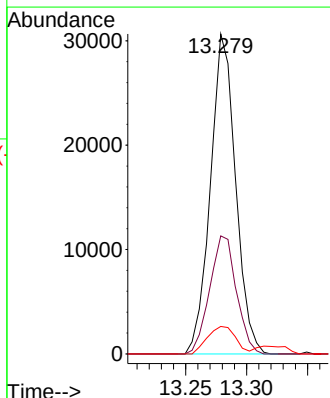
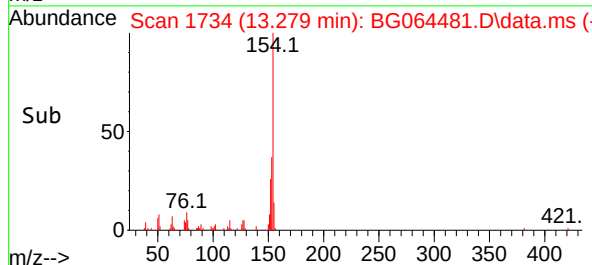
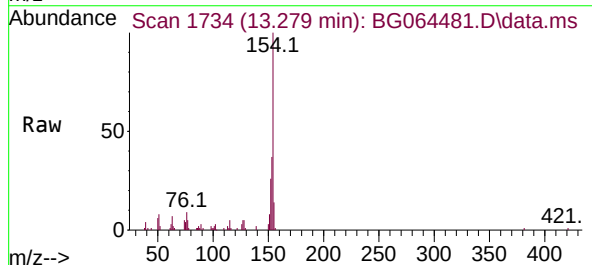
Manual Integrations
APPROVED

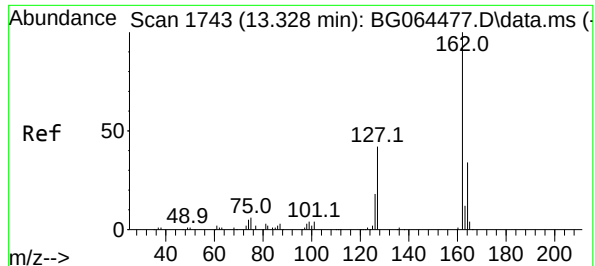
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 9.648 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:154 Resp: 44053
Ion Ratio Lower Upper
154 100
153 36.9 20.7 60.7
76 8.6 0.0 29.3





#47

2-Chloronaphthalene

Concen: 10.281 ng

RT: 13.320 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

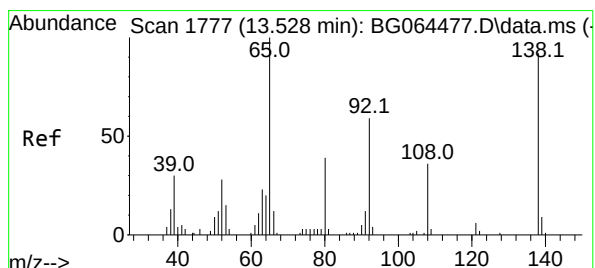
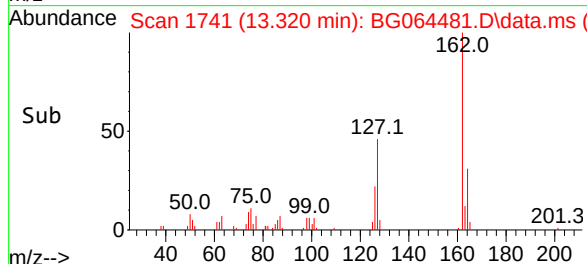
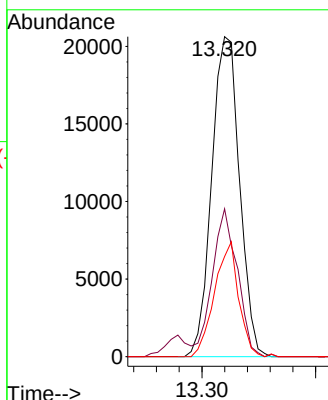
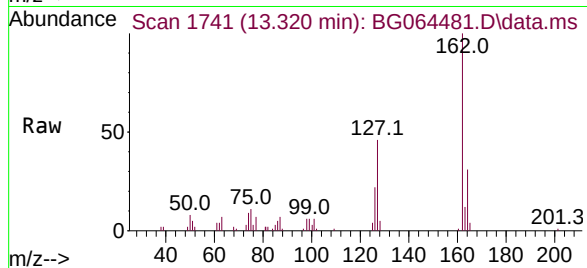
Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:	162	Resp:	35050
Ion Ratio	Lower	Upper	
162	100		
127	46.2	35.8	53.8
164	31.3	27.2	40.8

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

#48

2-Nitroaniline

Concen: 9.868 ng

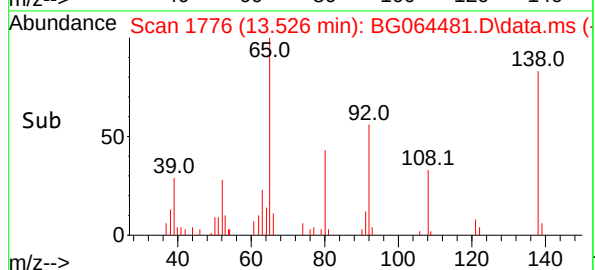
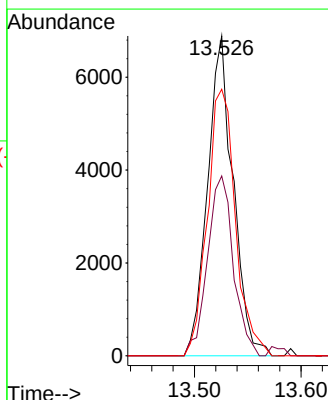
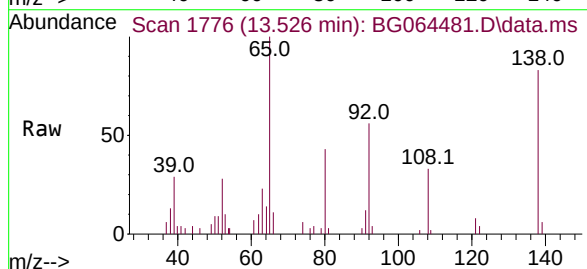
RT: 13.526 min Scan# 1776

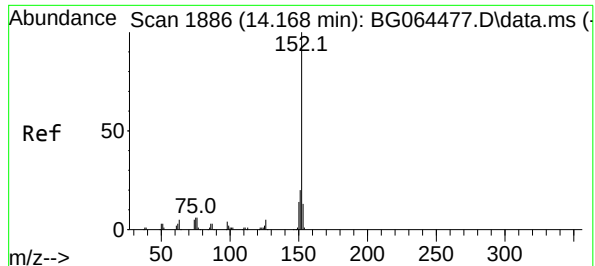
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Tgt Ion:	65	Resp:	11482
Ion Ratio	Lower	Upper	
65	100		
92	56.2	47.0	70.6
138	83.3	73.5	110.3





#49

Acenaphthylene

Concen: 9.624 ng

RT: 14.172 min Scan# 1886

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

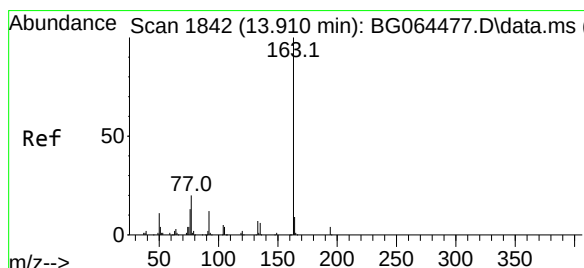
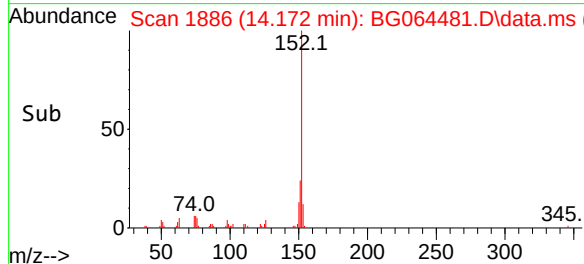
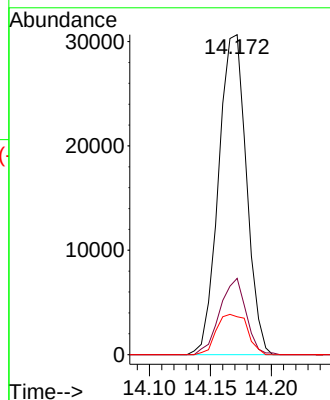
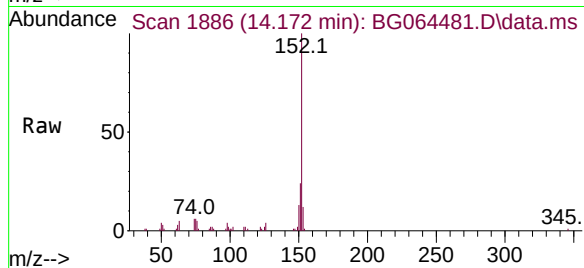
Tgt Ion:	152	Resp:	48705
Ion Ratio	Lower	Upper	
152	100		
151	23.8	15.8	23.6
153	11.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 10.110 ng

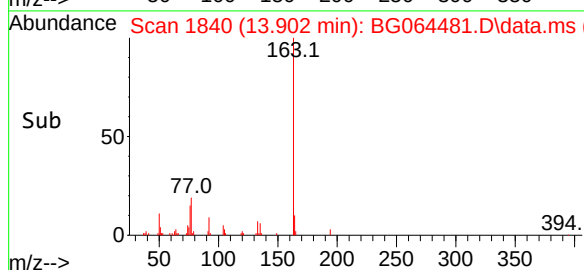
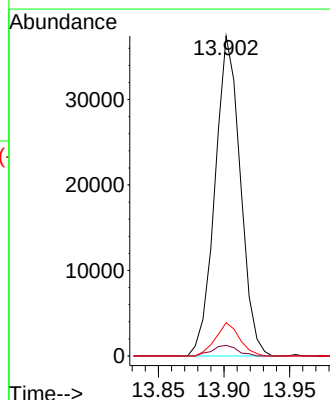
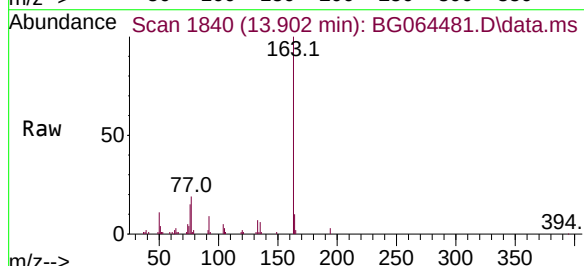
RT: 13.902 min Scan# 1840

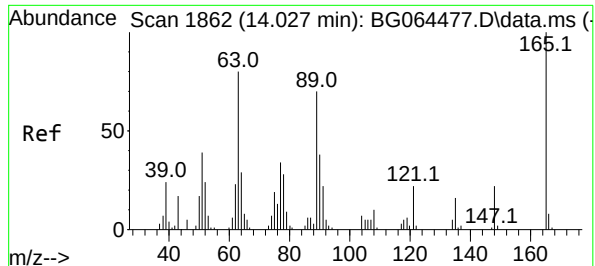
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Tgt Ion:	163	Resp:	50268
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.9	4.3
164	10.4	7.4	11.0





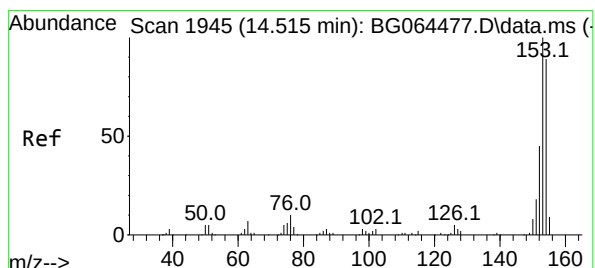
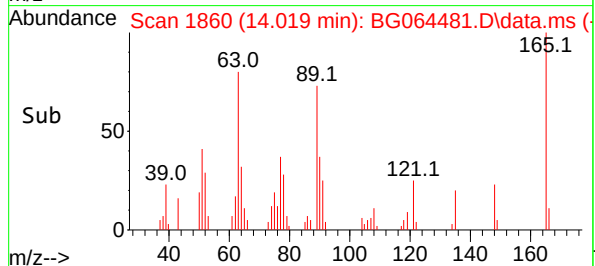
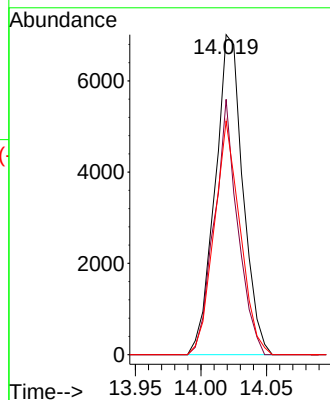
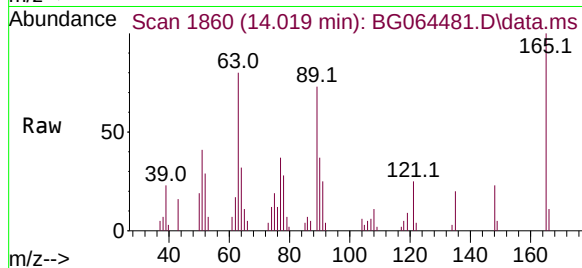
#51
2,6-Dinitrotoluene
Concen: 9.980 ng
RT: 14.019 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
Client Sample Id :
SSTDICC010

Tgt Ion:165 Resp: 1033
Ion Ratio Lower Upper
165 100
63 79.8 63.9 95.9
89 73.0 56.1 84.1

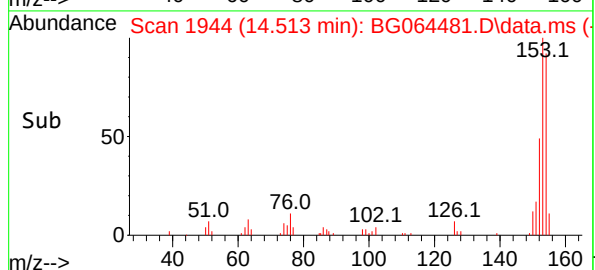
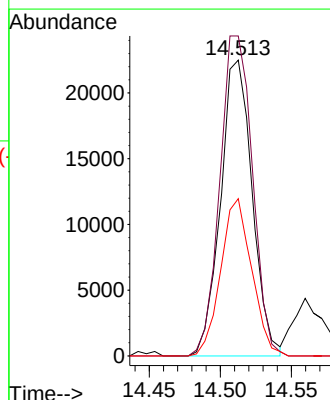
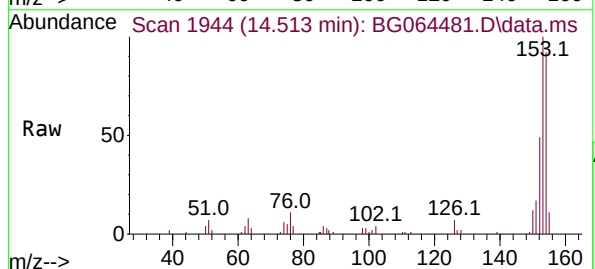
Manual Integrations
APPROVED

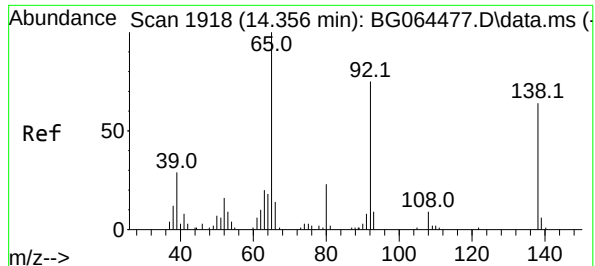
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 9.922 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:154 Resp: 34887
Ion Ratio Lower Upper
154 100
153 108.2 90.2 135.4
152 53.2 40.2 60.4





#53

3-Nitroaniline

Concen: 9.780 ng

RT: 14.348 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

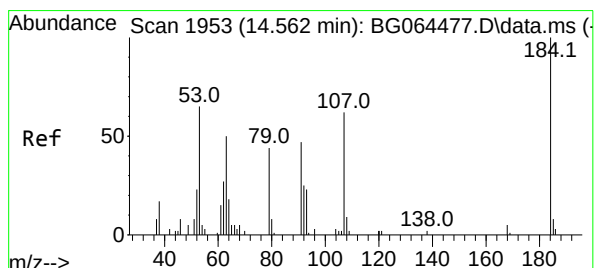
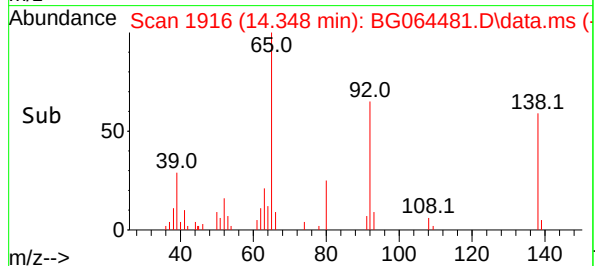
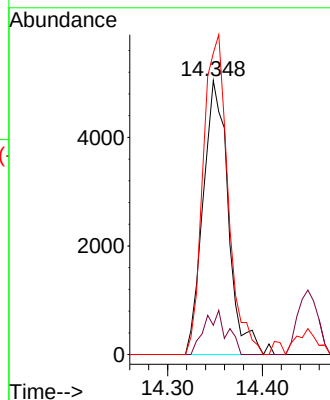
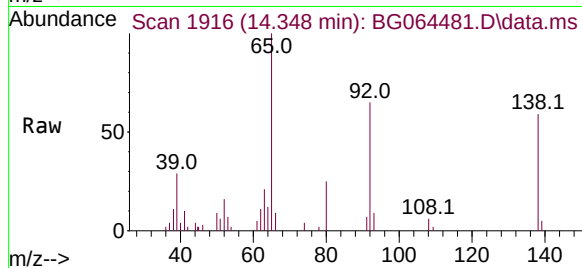
SSTDICC010

Tgt Ion:	138	Resp:	934
Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.6	15.8
92	110.1	93.2	139.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#54

2,4-Dinitrophenol

Concen: 11.216 ng

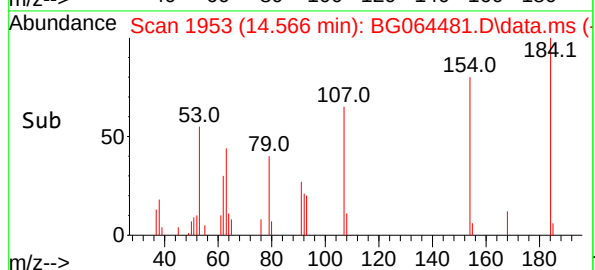
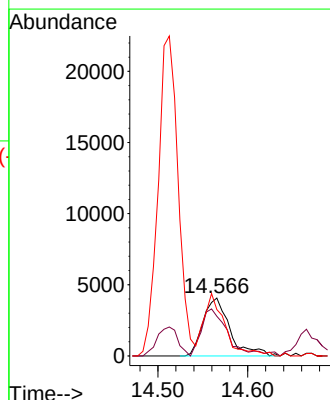
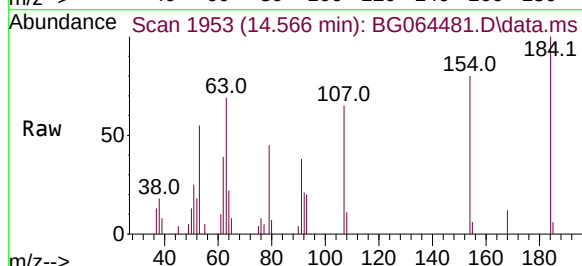
RT: 14.566 min Scan# 1953

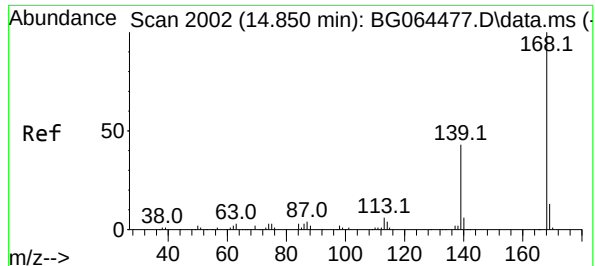
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

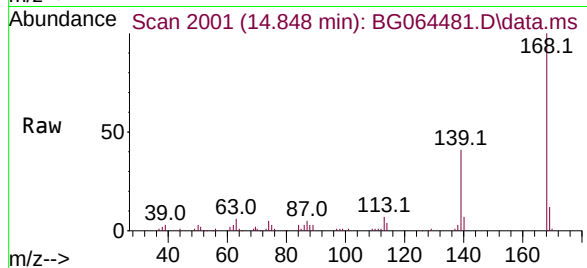
Tgt Ion:	184	Resp:	8424
Ion	Ratio	Lower	Upper
184	100		
63	68.6	69.0	103.4#
154	80.0	95.6	143.4#





#55
Dibenzofuran
Concen: 9.897 ng
RT: 14.848 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

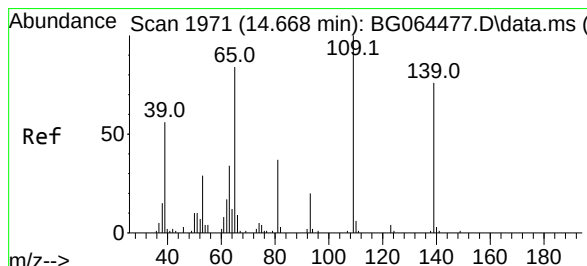
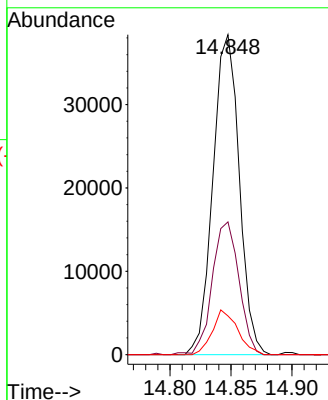
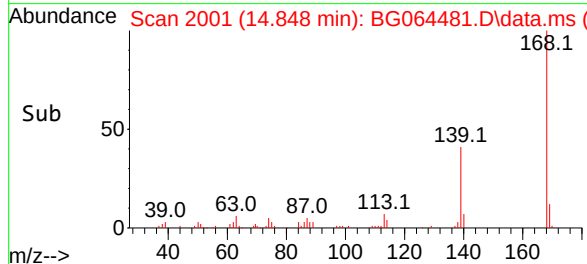
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 57456
Ion Ratio Lower Upper
168 100
139 41.5 34.0 51.0
169 12.1 10.2 15.2

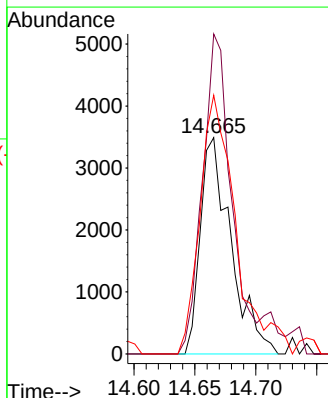
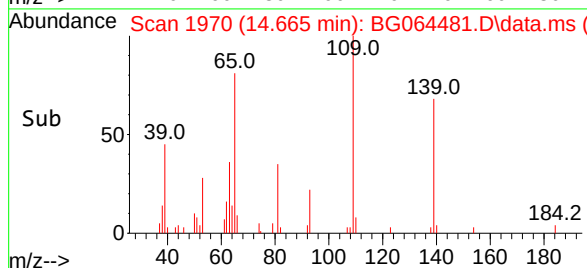
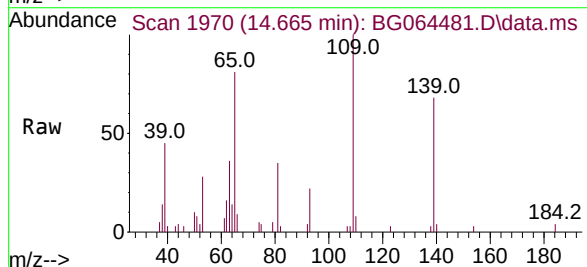
Manual Integrations
APPROVED

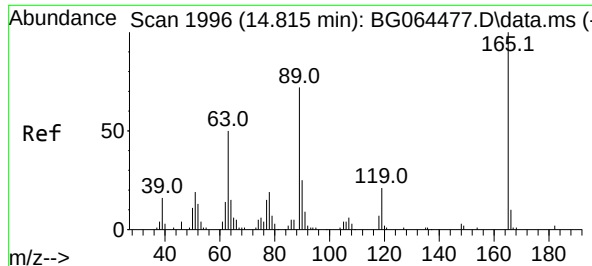
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 8.116 ng
RT: 14.665 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:139 Resp: 6104
Ion Ratio Lower Upper
139 100
109 148.0 111.8 151.8
65 119.6 91.1 131.1





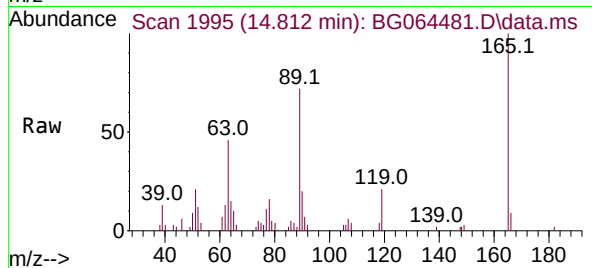
#57
2,4-Dinitrotoluene
Concen: 10.006 ng
RT: 14.812 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

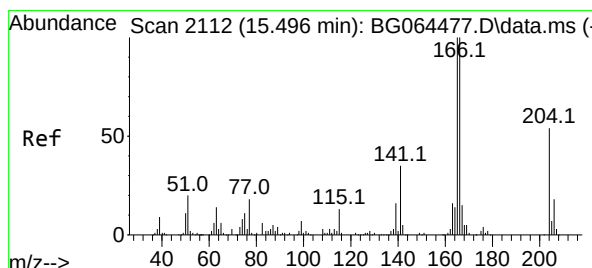
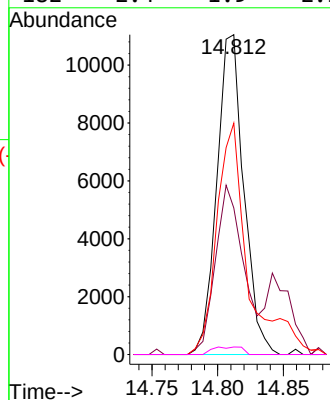
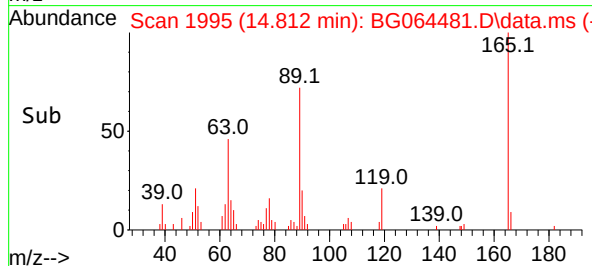
SSTDICC010



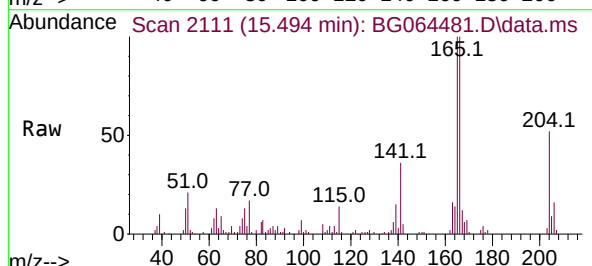
Tgt Ion:165 Resp: 15843
Ion Ratio Lower Upper
165 100
63 45.8 40.4 60.6
89 72.3 57.3 85.9
182 2.4 1.9 2.9

Manual Integrations
APPROVED

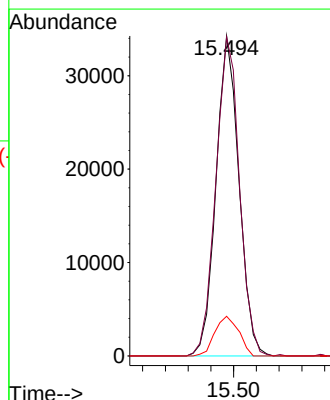
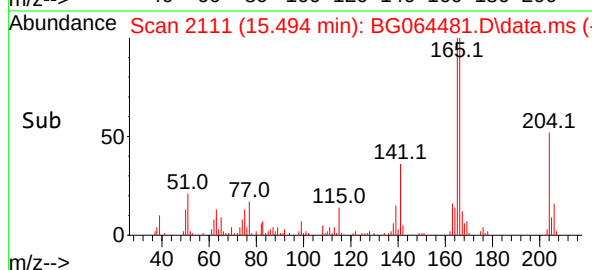
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

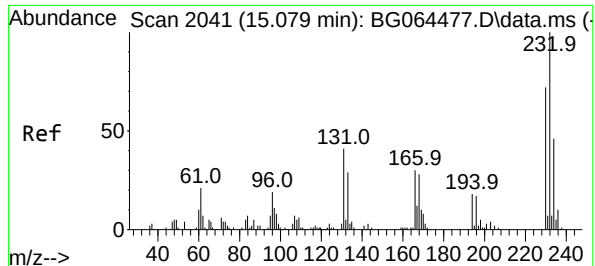


#58
Fluorene
Concen: 9.937 ng
RT: 15.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



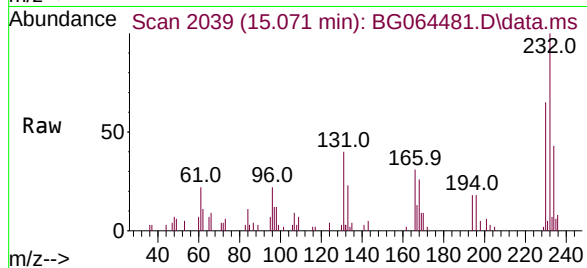
Tgt Ion:166 Resp: 47958
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.6
167 12.4 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.514 ng
RT: 15.071 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

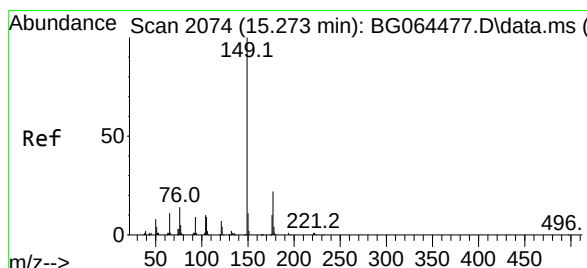
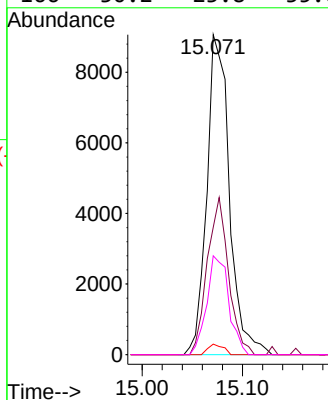
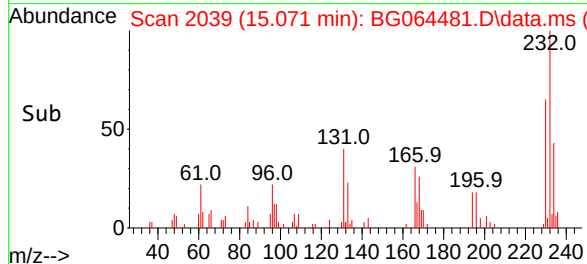
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



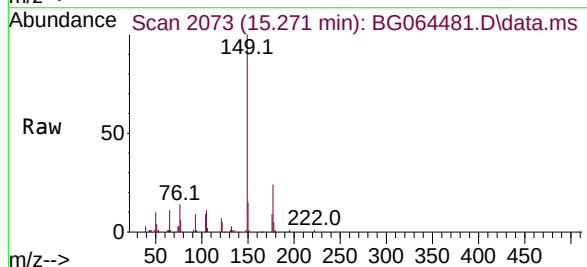
Tgt Ion:232 Resp: 14205
Ion Ratio Lower Upper
232 100
131 46.2 35.0 52.4
130 2.2 2.0 3.0
166 30.2 23.8 35.6

Manual Integrations
APPROVED

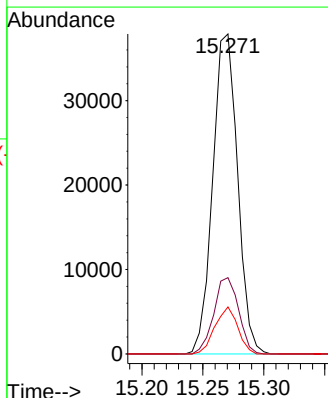
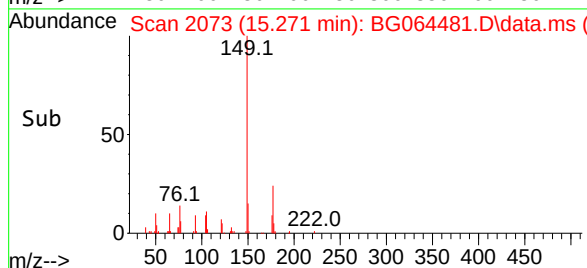
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

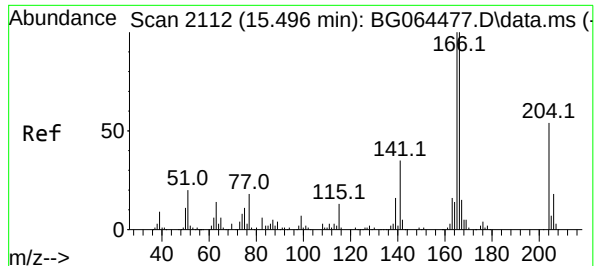


#60
Diethylphthalate
Concen: 10.066 ng
RT: 15.271 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



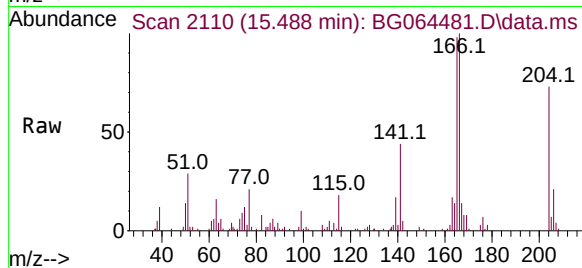
Tgt Ion:149 Resp: 53695
Ion Ratio Lower Upper
149 100
177 23.8 17.4 26.0
150 14.7 9.1 13.7#





#61
4-Chlorophenyl-phenylether
Concen: 9.742 ng
RT: 15.488 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

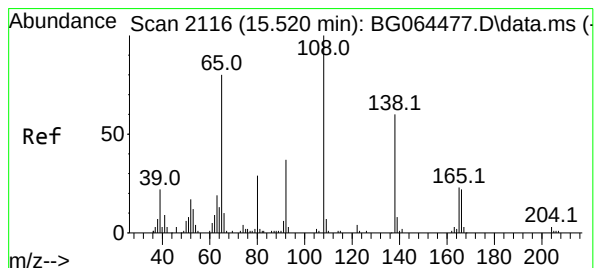
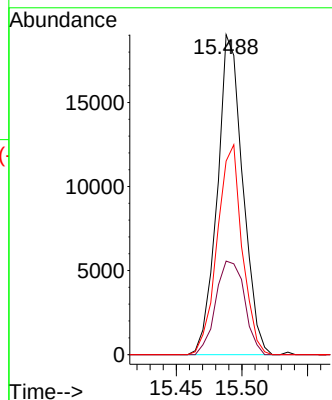
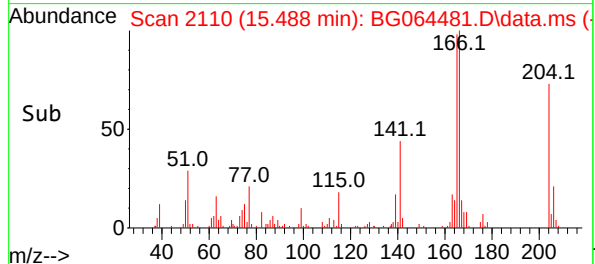
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 25669
Ion Ratio Lower Upper
204 100
206 29.2 27.1 40.7
141 60.5 51.5 77.3

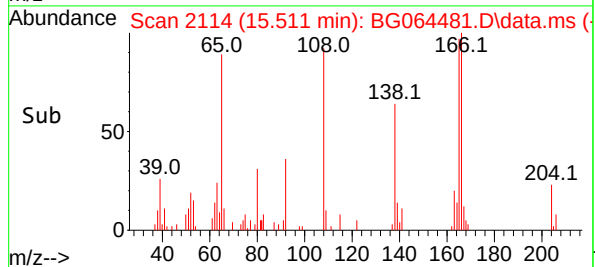
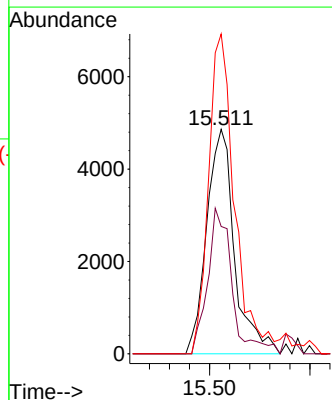
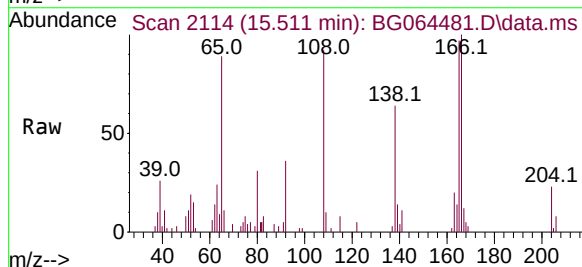
Manual Integrations
APPROVED

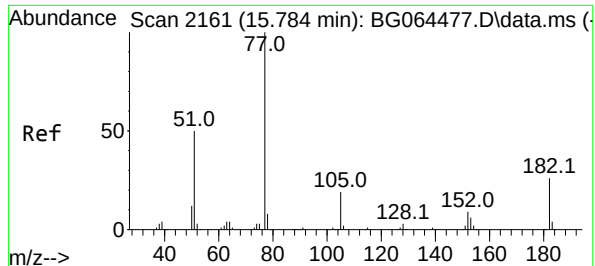
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 9.431 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

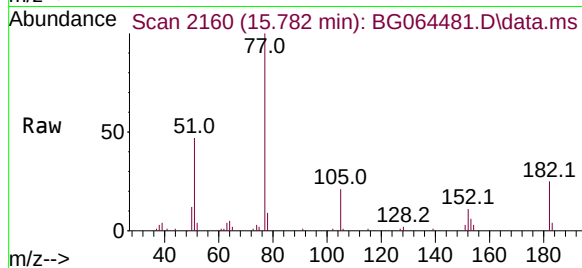
Tgt Ion:138 Resp: 9390
Ion Ratio Lower Upper
138 100
92 56.8 42.3 82.3
108 142.5 147.7 187.7#





#63
Azobenzene
Concen: 9.982 ng
RT: 15.782 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

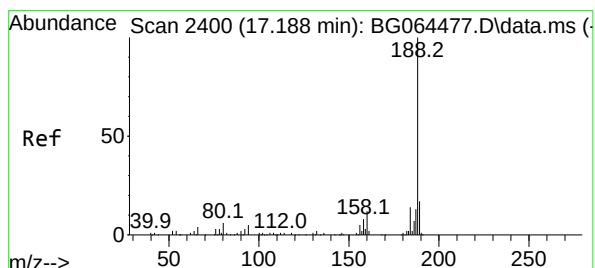
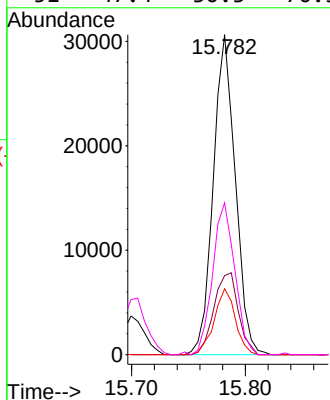
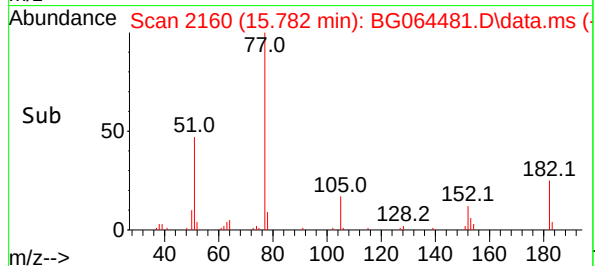
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



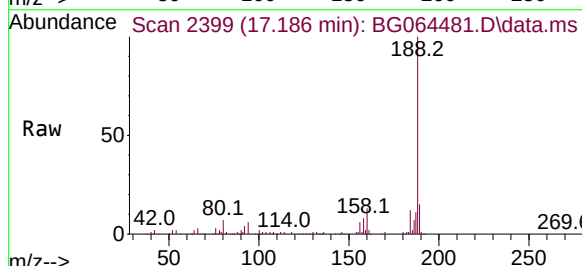
Tgt Ion: 77 Resp: 41235
Ion Ratio Lower Upper
77 100
182 24.7 6.3 46.3
105 20.6 0.0 38.7
51 47.4 30.3 70.3

Manual Integrations
APPROVED

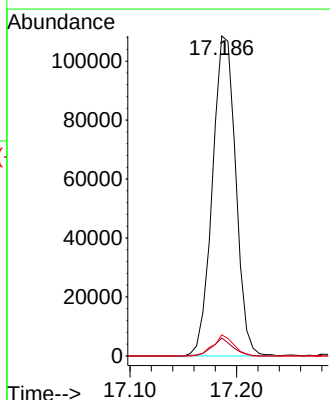
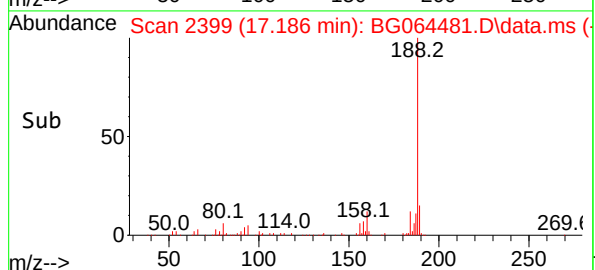
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

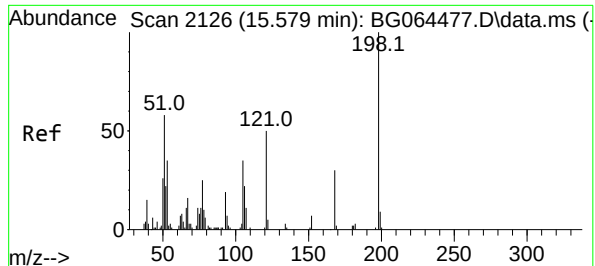


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



Tgt Ion:188 Resp: 165339
Ion Ratio Lower Upper
188 100
94 5.6 3.7 5.5#
80 6.6 4.5 6.7





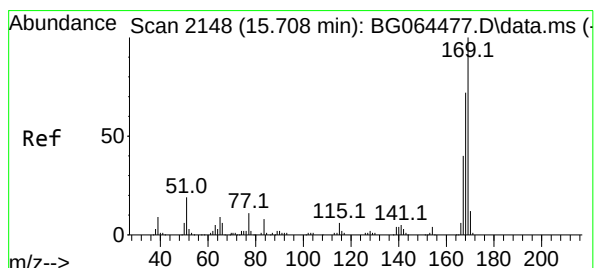
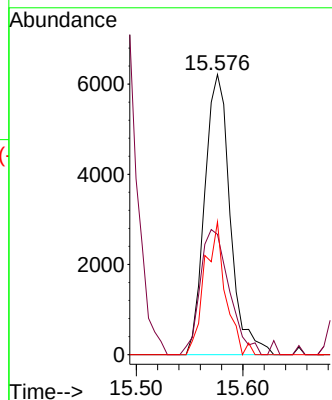
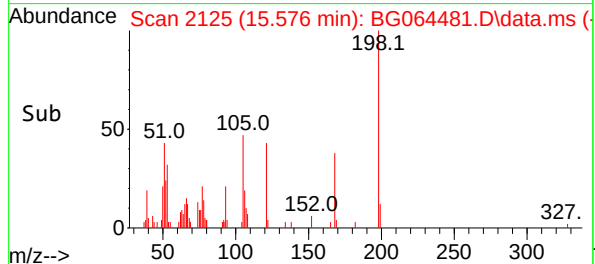
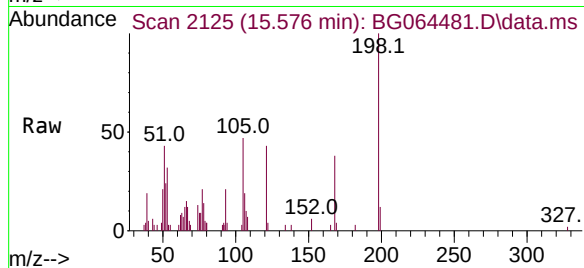
#65
4,6-Dinitro-2-methylphenol
Concen: 8.960 ng
RT: 15.576 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 10315
Ion Ratio Lower Upper
198 100
51 42.9 39.0 79.0
105 47.4 15.8 55.8

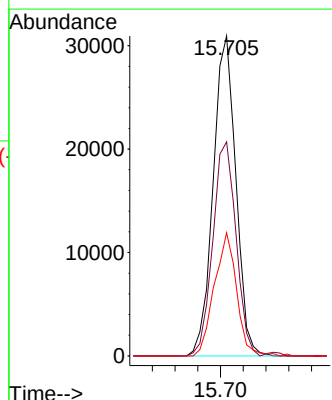
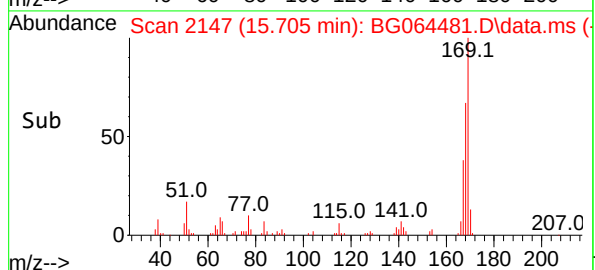
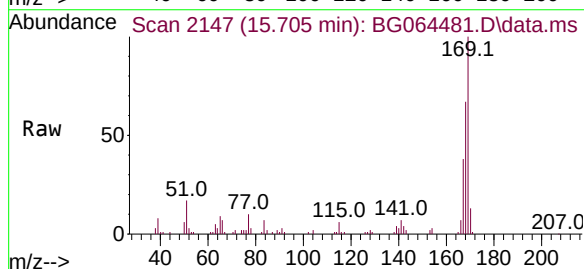
Manual Integrations
APPROVED

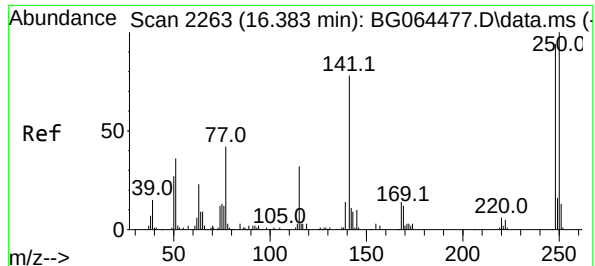
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 9.712 ng
RT: 15.705 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

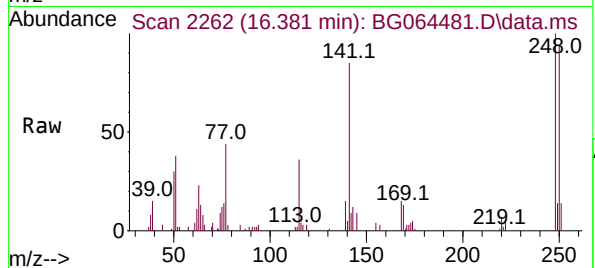
Tgt Ion:169 Resp: 42881
Ion Ratio Lower Upper
169 100
168 66.9 57.8 86.6
167 38.5 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 9.731 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

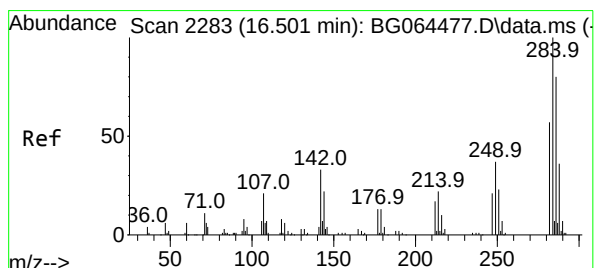
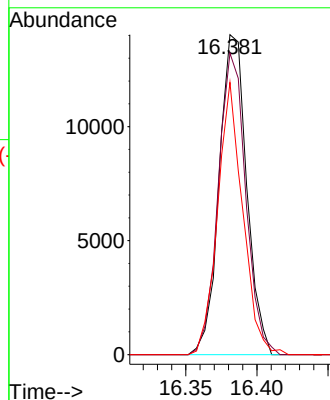
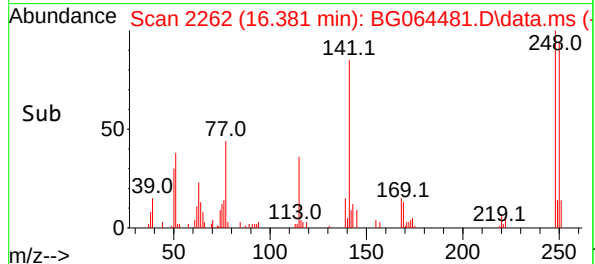
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



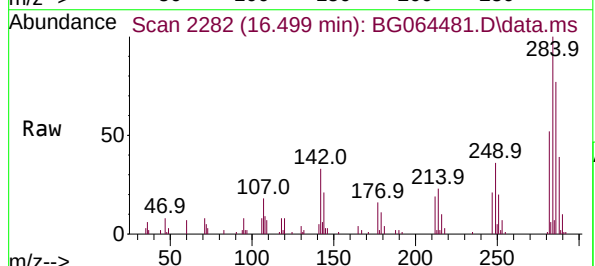
Tgt Ion:248 Resp: 18933
Ion Ratio Lower Upper
248 100
250 94.2 85.3 127.9
141 85.1 66.2 99.2

Manual Integrations
APPROVED

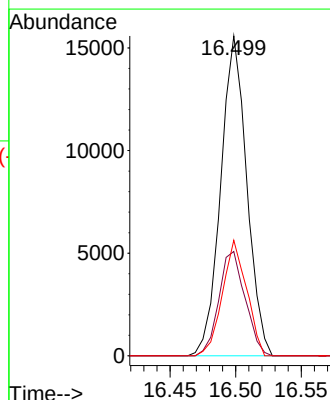
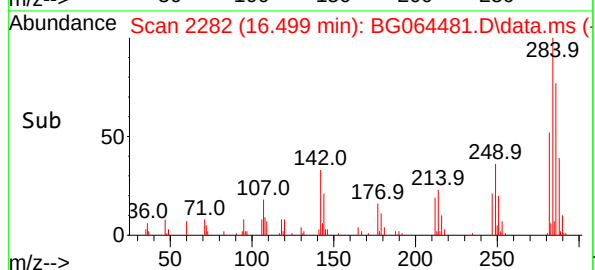
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

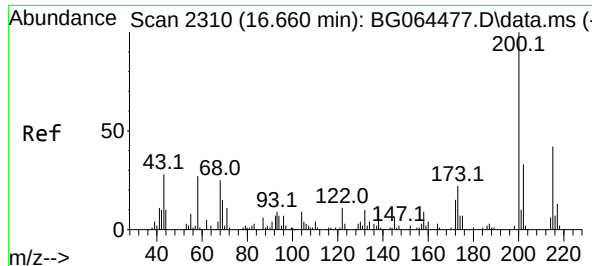


#68
Hexachlorobenzene
Concen: 9.676 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



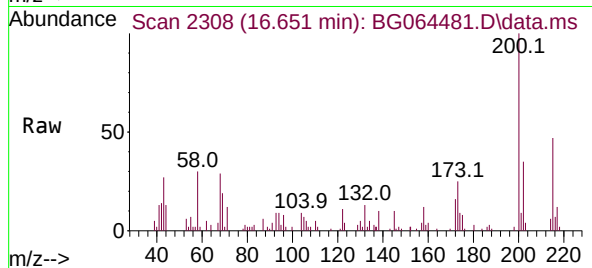
Tgt Ion:284 Resp: 21542
Ion Ratio Lower Upper
284 100
142 32.6 26.2 39.2
249 36.1 29.4 44.0





#69
Atrazine
Concen: 10.119 ng
RT: 16.651 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

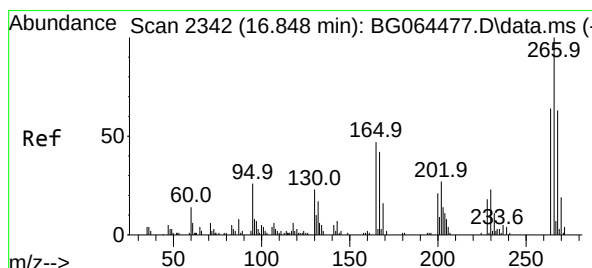
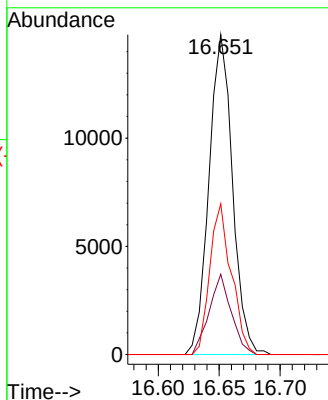
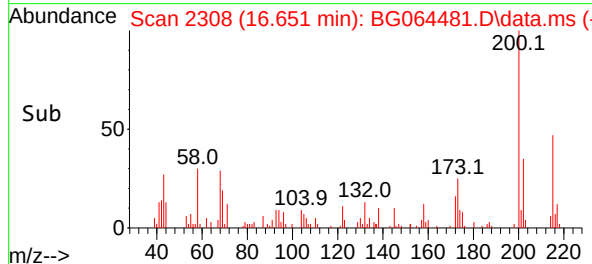
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



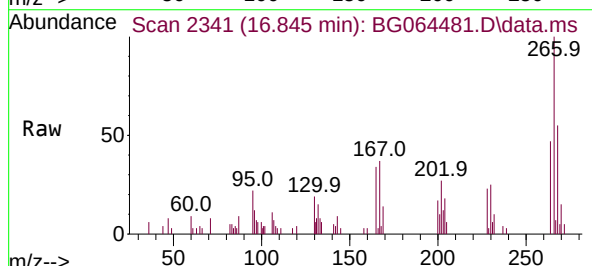
Tgt Ion:200 Resp: 1987
Ion Ratio Lower Upper
200 100
173 25.1 2.5 42.5
215 47.1 21.5 61.5

Manual Integrations
APPROVED

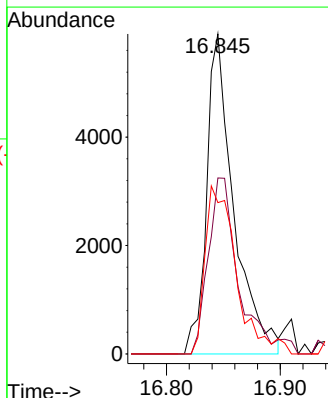
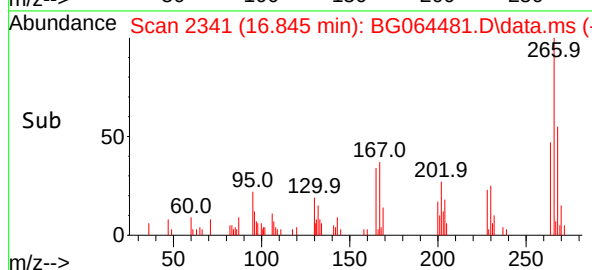
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

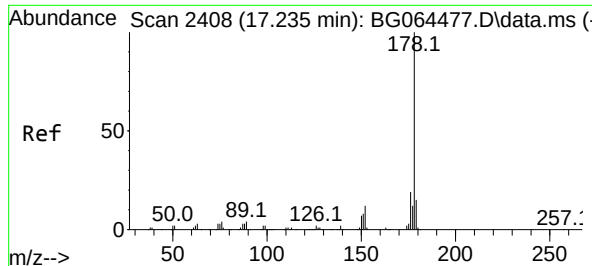


#70
Pentachlorophenol
Concen: 7.520 ng
RT: 16.845 min Scan# 2341
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



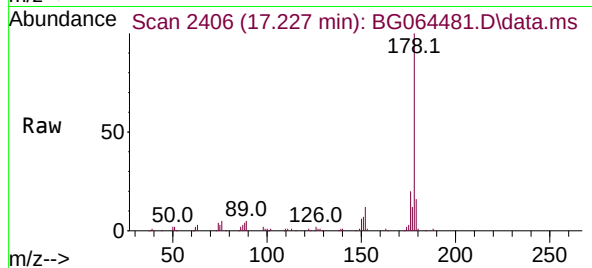
Tgt Ion:266 Resp: 9789
Ion Ratio Lower Upper
266 100
268 55.0 50.6 75.8
264 47.3 51.2 76.8#





#71
Phenanthrene
Concen: 9.770 ng
RT: 17.227 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

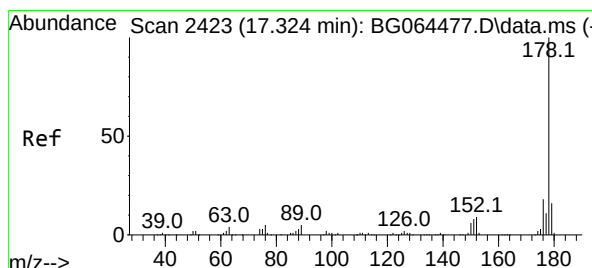
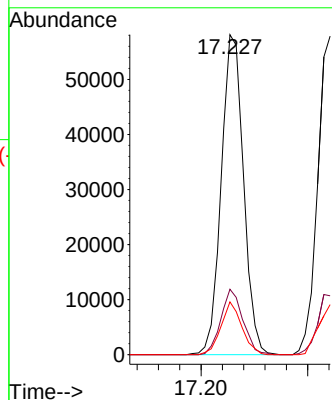
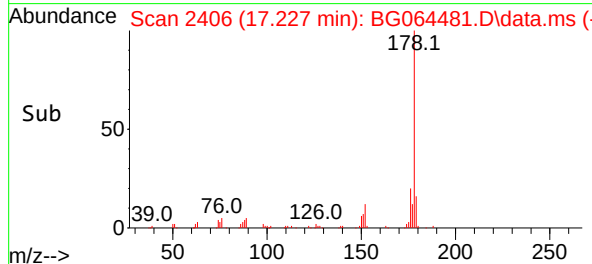
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 84472
Ion Ratio Lower Upper
178 100
176 20.4 15.2 22.8
179 16.5 11.8 17.6

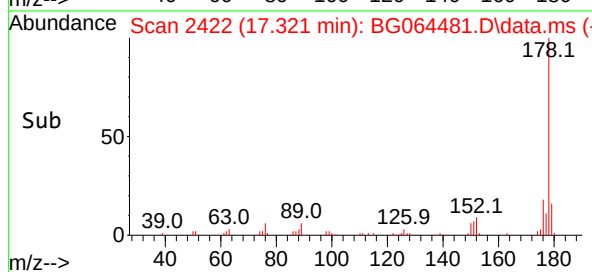
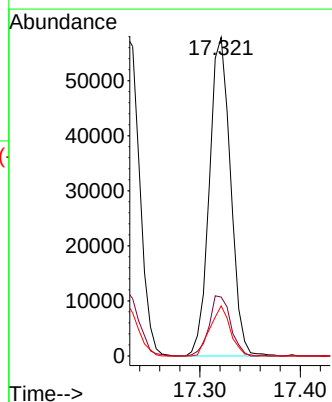
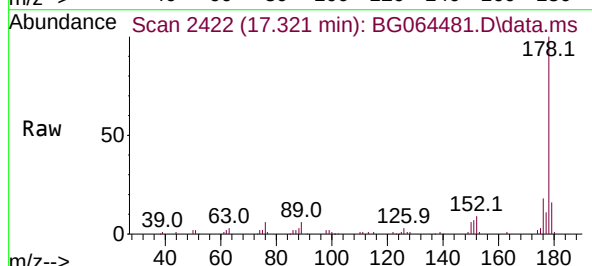
Manual Integrations
APPROVED

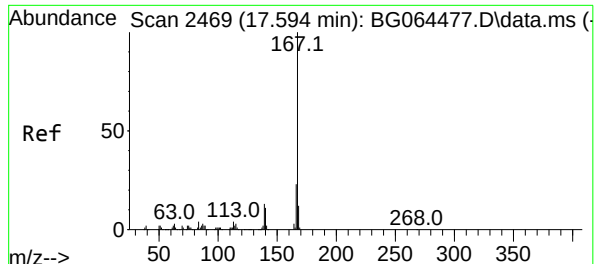
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 9.797 ng
RT: 17.321 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

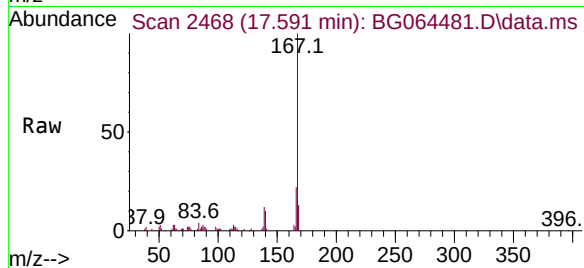
Tgt Ion:178 Resp: 84981
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.7 12.5 18.7





#73
Carbazole
Concen: 9.869 ng
RT: 17.591 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

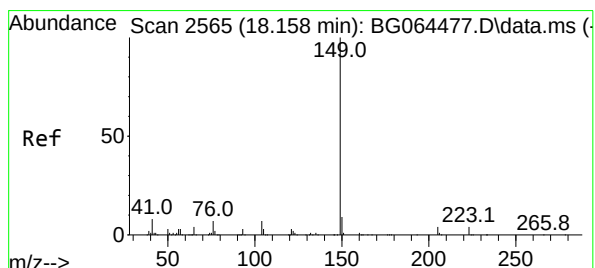
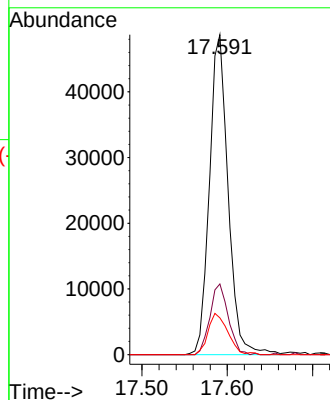
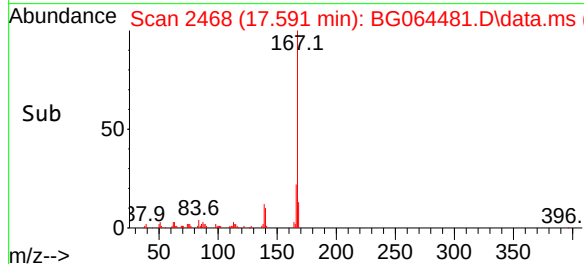
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



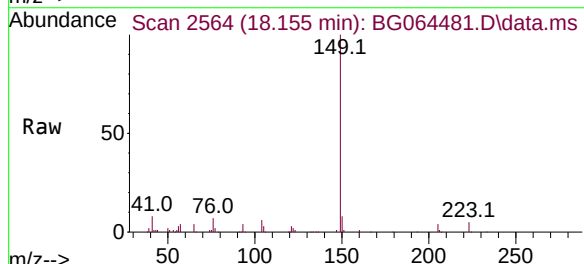
Tgt Ion:167 Resp: 73994
Ion Ratio Lower Upper
167 100
166 22.1 18.6 27.8
139 11.5 10.2 15.4

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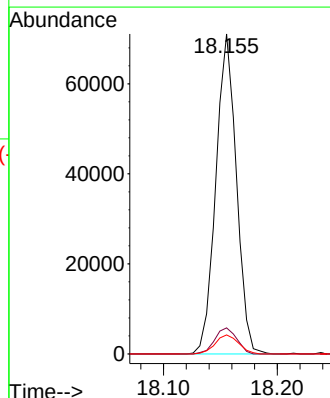
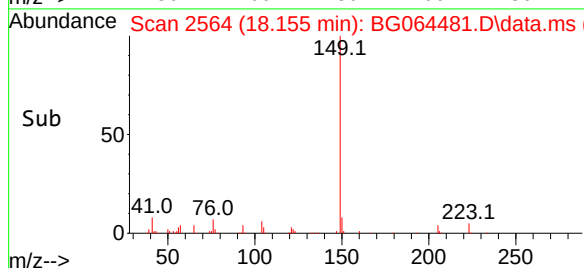
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

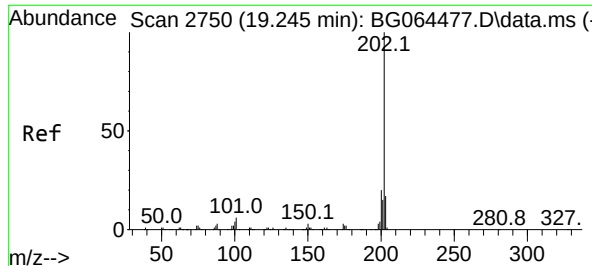


#74
Di-n-butylphthalate
Concen: 9.742 ng
RT: 18.155 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



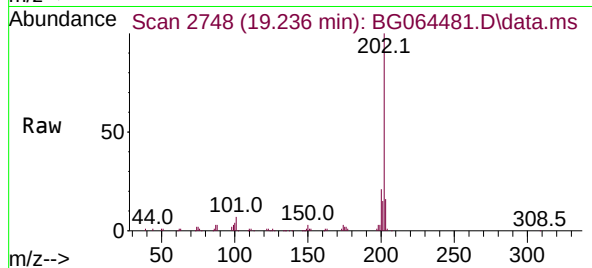
Tgt Ion:149 Resp: 89166
Ion Ratio Lower Upper
149 100
150 8.1 7.4 11.2
104 6.0 5.3 7.9





#75
Fluoranthene
Concen: 9.813 ng
RT: 19.236 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

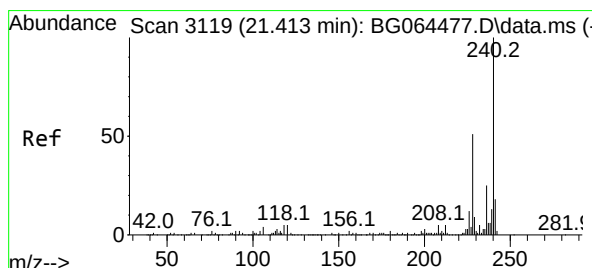
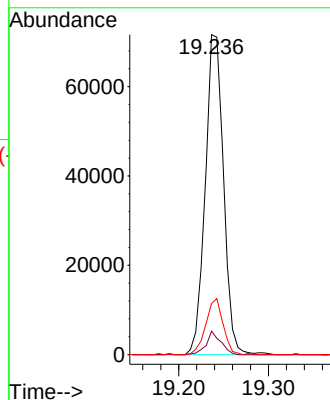
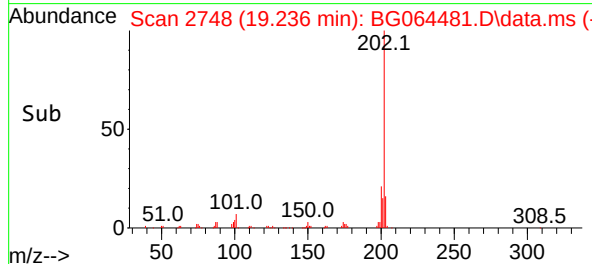
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 101360
Ion Ratio Lower Upper
202 100
101 7.4 0.0 25.7
203 16.0 0.0 36.6

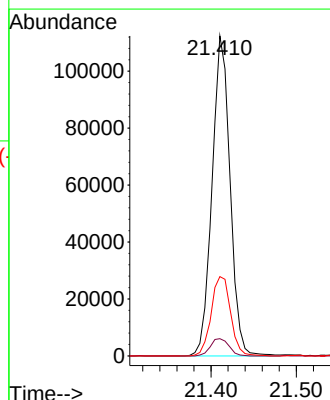
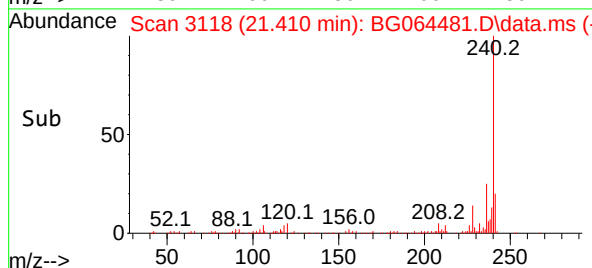
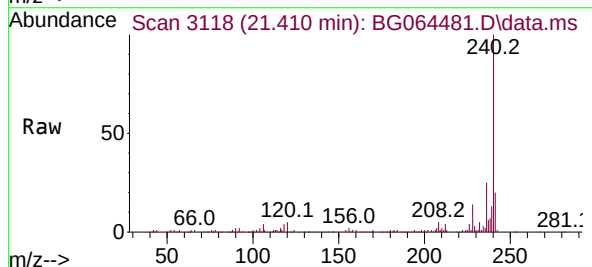
Manual Integrations
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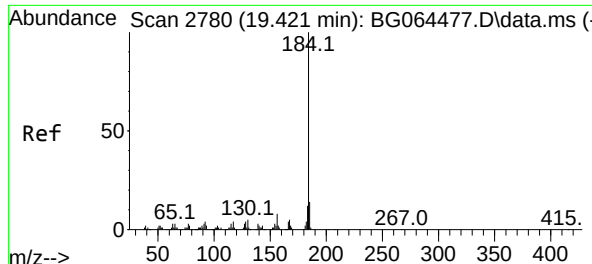
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion:240 Resp: 164846
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 24.8 20.4 30.6





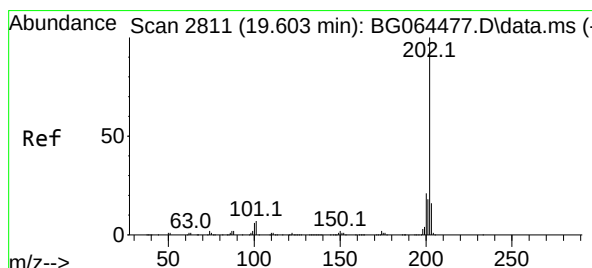
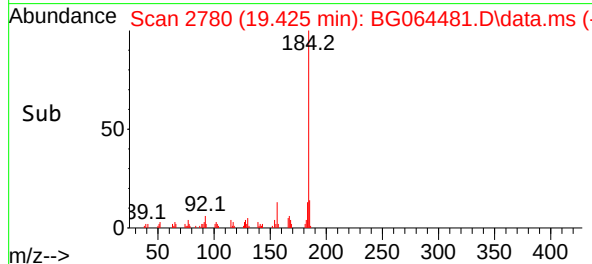
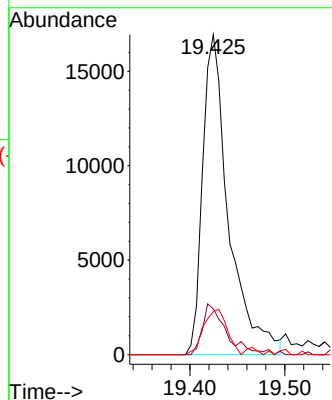
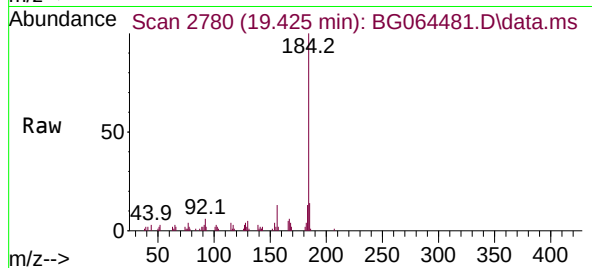
#77
Benzidine
Concen: 7.894 ng
RT: 19.425 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 32380
Ion Ratio Lower Upper
184 100
185 14.3 10.9 16.3
183 13.4 9.8 14.6

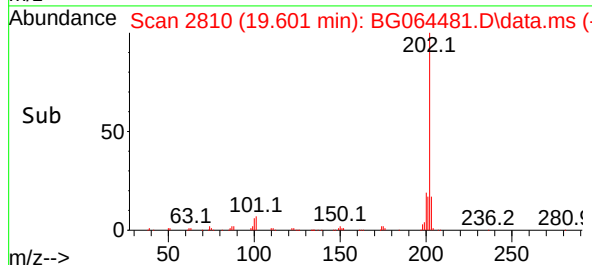
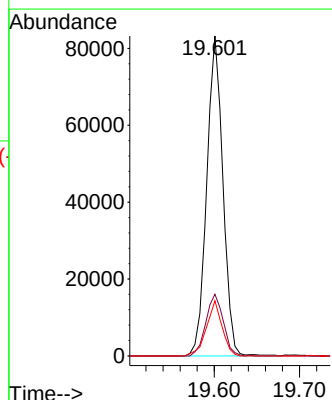
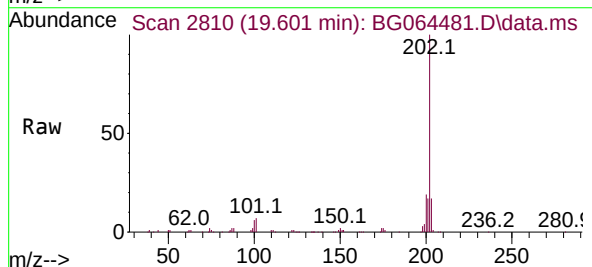
Manual Integrations
APPROVED

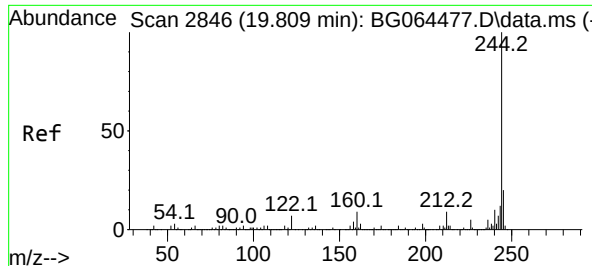
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 10.242 ng
RT: 19.601 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

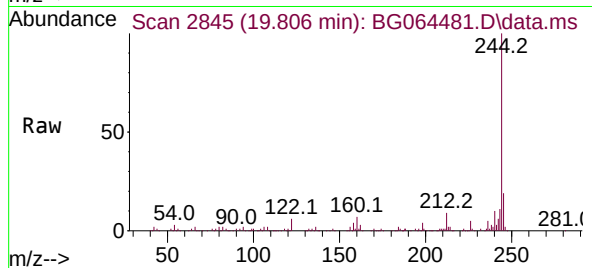
Tgt Ion:202 Resp: 109573
Ion Ratio Lower Upper
202 100
200 19.3 17.0 25.4
203 17.2 13.0 19.4





#79
Terphenyl-d14
Concen: 20.088 ng
RT: 19.806 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

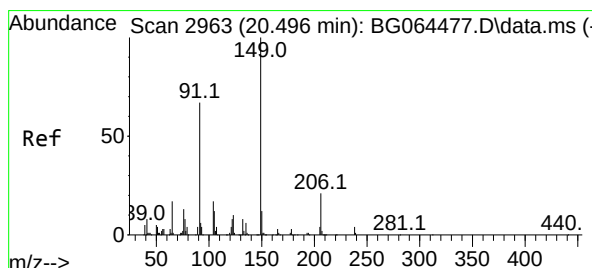
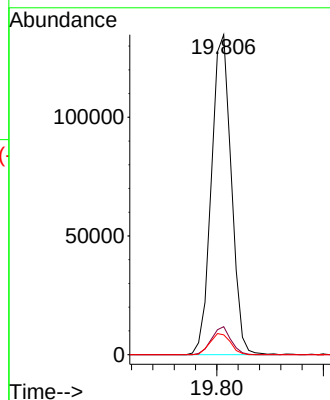
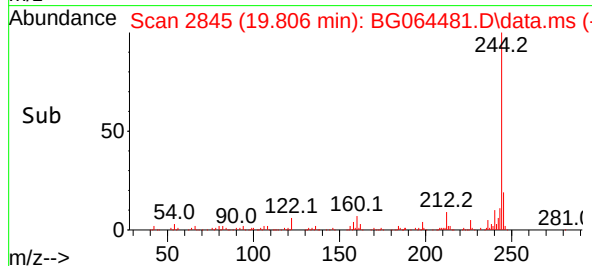
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



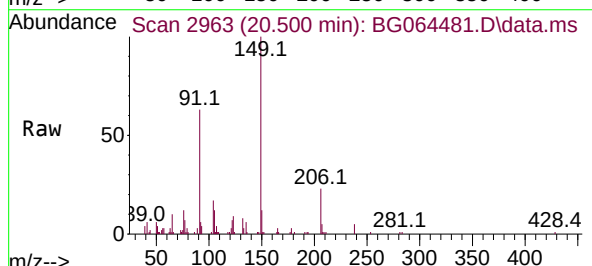
Tgt Ion:244 Resp: 174972
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 6.2 5.6 8.4

Manual Integrations
APPROVED

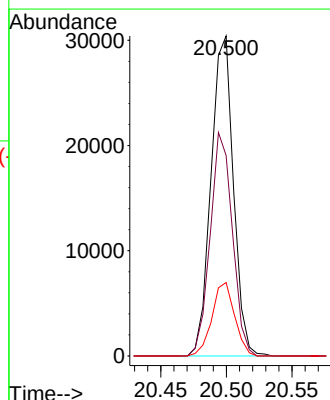
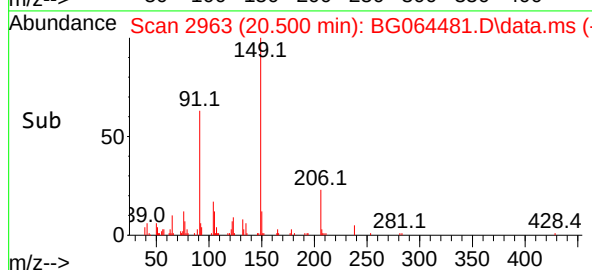
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

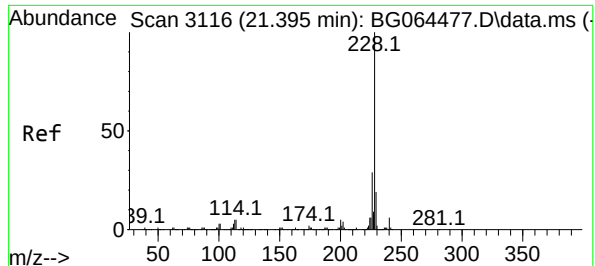


#80
Butylbenzylphthalate
Concen: 9.522 ng
RT: 20.500 min Scan# 2963
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



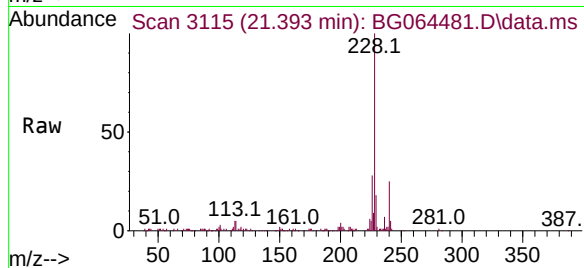
Tgt Ion:149 Resp: 36112
Ion Ratio Lower Upper
149 100
91 62.6 53.7 80.5
206 22.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 9.700 ng
RT: 21.393 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

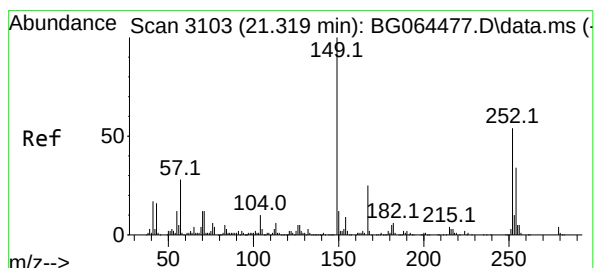
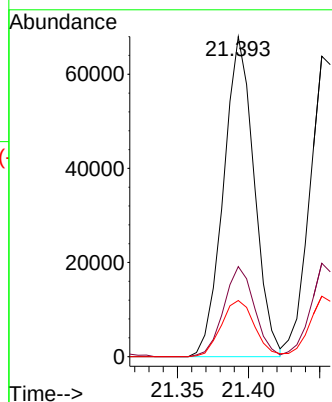
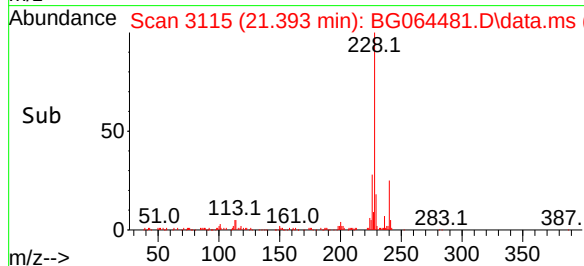
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



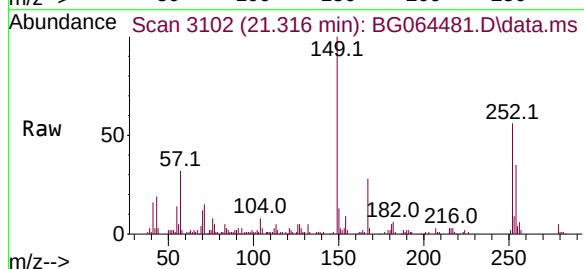
Tgt Ion:228 Resp: 102096
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 17.5 15.2 22.8

Manual Integrations
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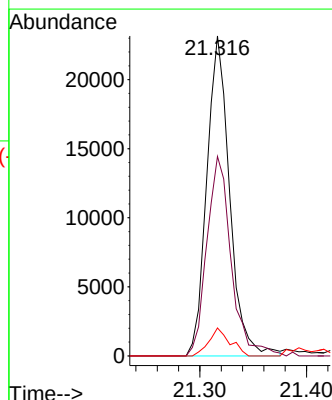
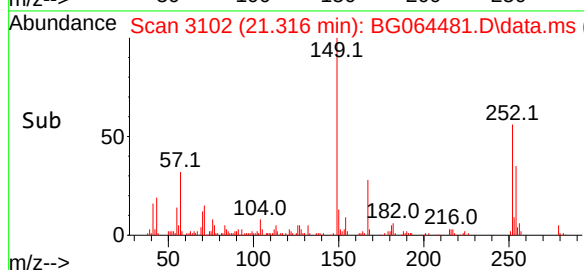
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

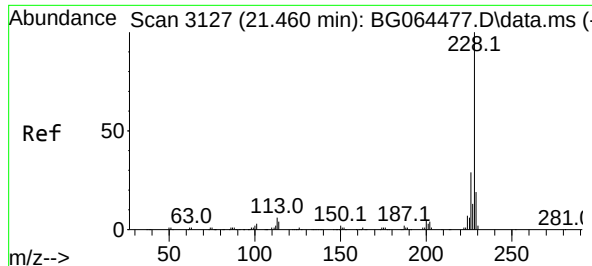


#82
3,3'-Dichlorobenzidine
Concen: 9.670 ng
RT: 21.316 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



Tgt Ion:252 Resp: 34449
Ion Ratio Lower Upper
252 100
254 62.3 50.5 75.7
126 8.7 7.1 10.7





#83

Chrysene

Concen: 9.908 ng

RT: 21.452 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

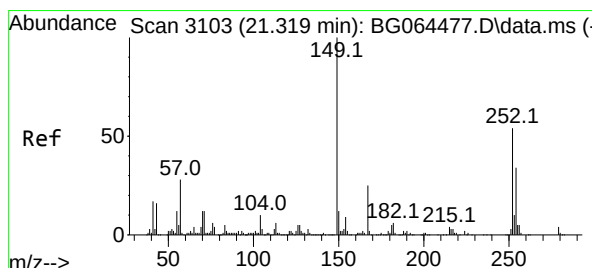
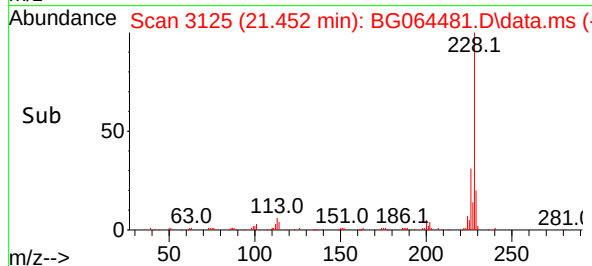
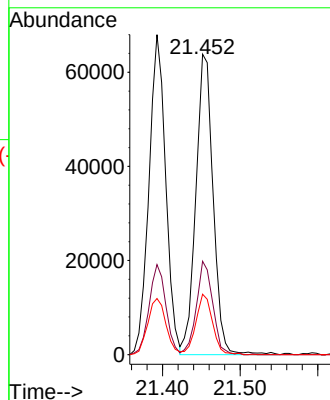
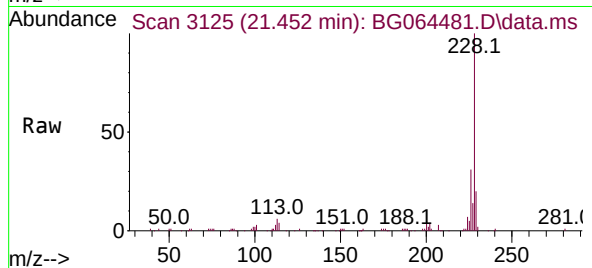
SSTDICC010

Tgt Ion:	228	Resp:	98898
Ion Ratio	Lower	Upper	
228	100		
226	31.1	22.8	34.2
229	20.1	15.4	23.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.814 ng

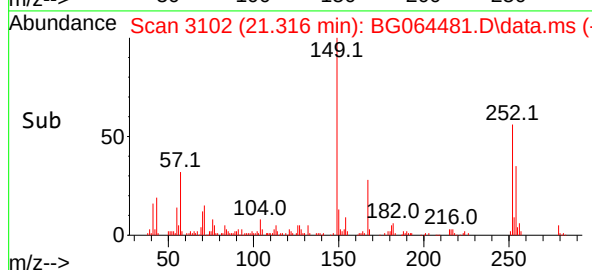
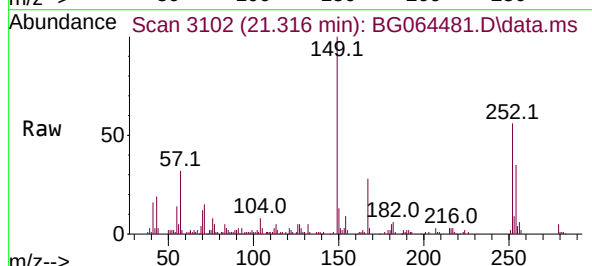
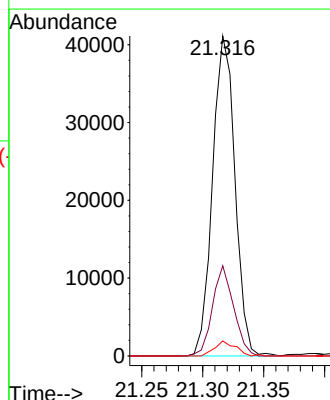
RT: 21.316 min Scan# 3102

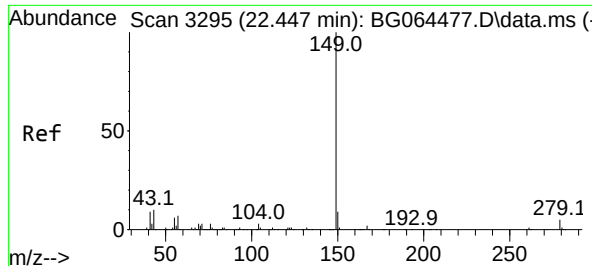
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

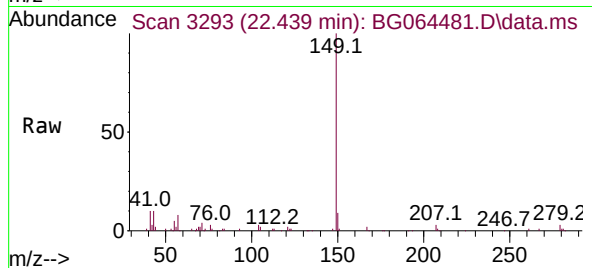
Tgt Ion:	149	Resp:	52514
Ion Ratio	Lower	Upper	
149	100		
167	28.2	19.7	29.5
279	4.7	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 9.673 ng
RT: 22.439 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

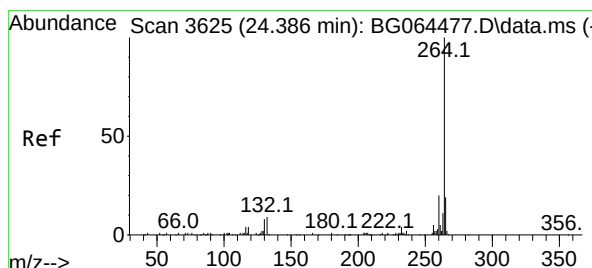
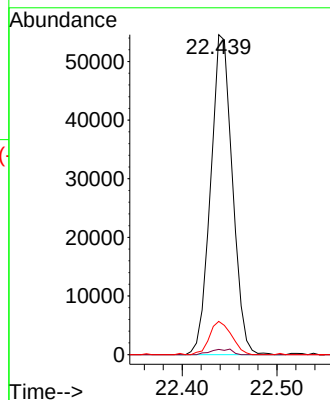
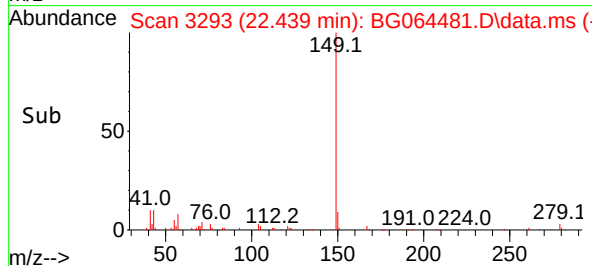
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 86988
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.5 7.9 11.9

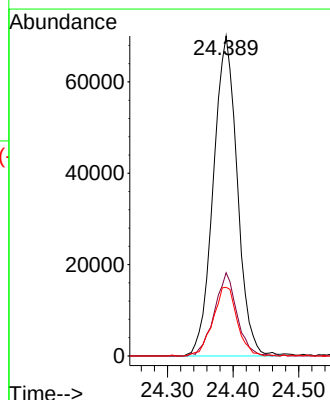
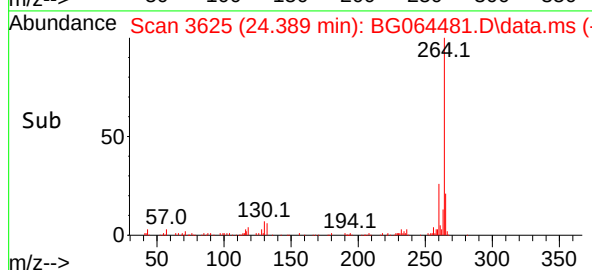
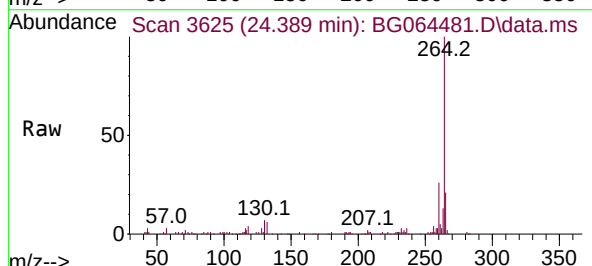
Manual Integrations
APPROVED

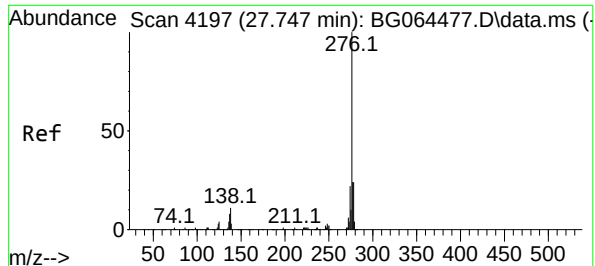
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

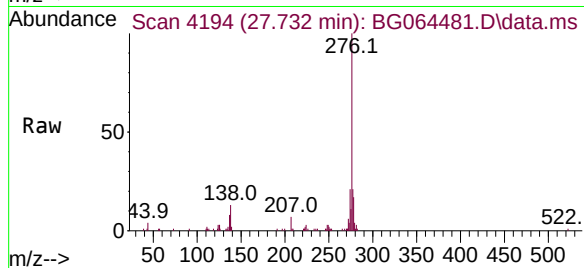
Tgt Ion:264 Resp: 177771
Ion Ratio Lower Upper
264 100
260 26.0 16.2 24.4#
265 21.5 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.480 ng
RT: 27.732 min Scan# 4197
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

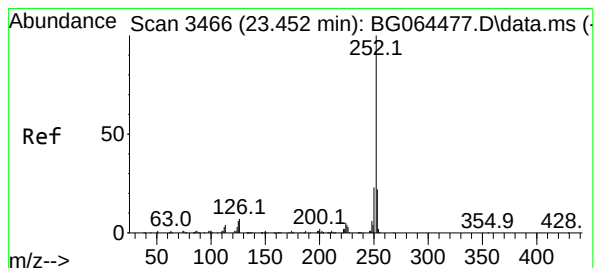
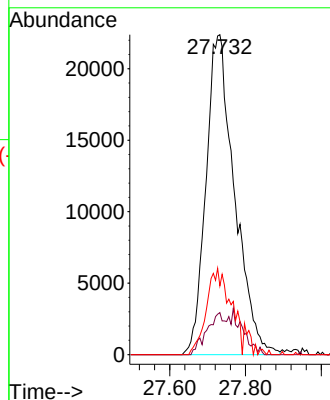
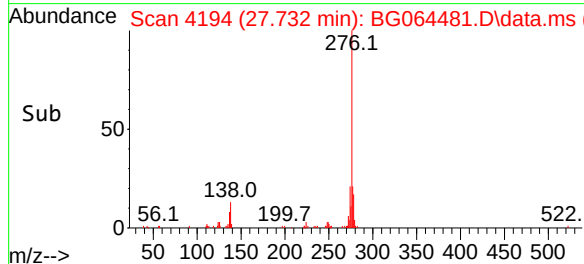
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 117303
Ion Ratio Lower Upper
276 100
138 8.5 10.8 16.2
277 9.6 20.3 30.5

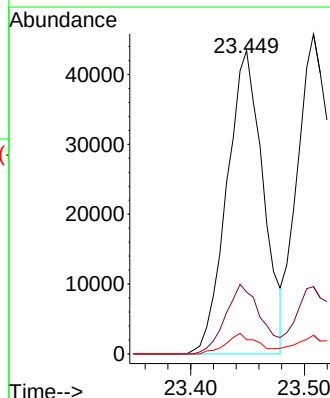
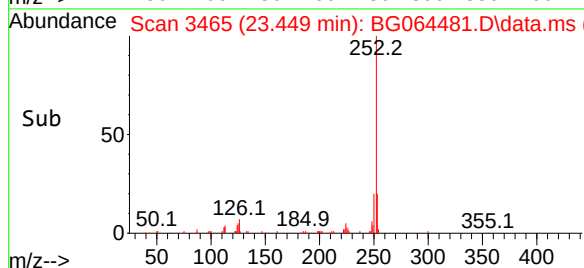
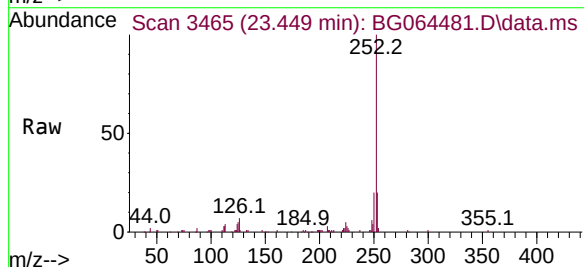
Manual Integrations
APPROVED

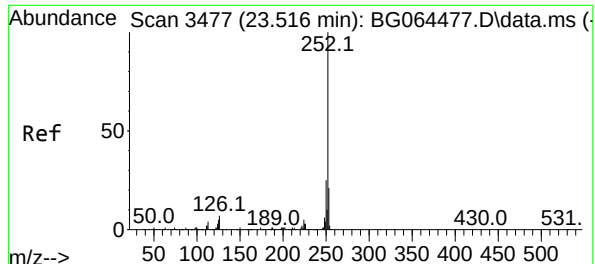
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 9.525 ng
RT: 23.449 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

Tgt Ion: 252 Resp: 96327
Ion Ratio Lower Upper
252 100
253 20.4 17.5 26.3
125 4.7 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 9.442 ng

RT: 23.508 min Scan# 3475

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA_G

ClientSampleId :

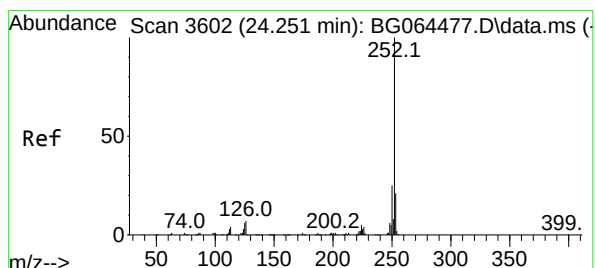
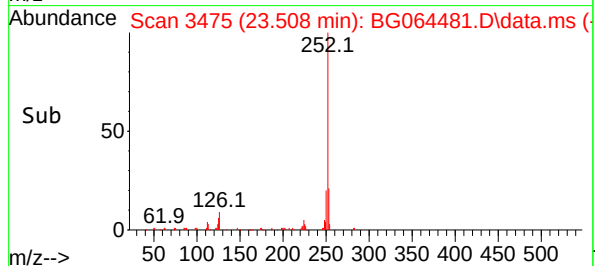
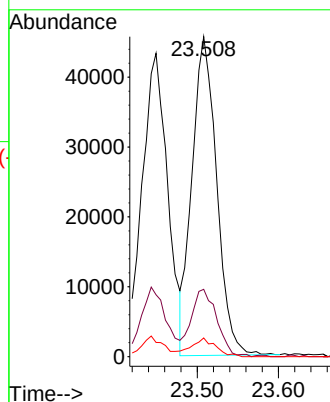
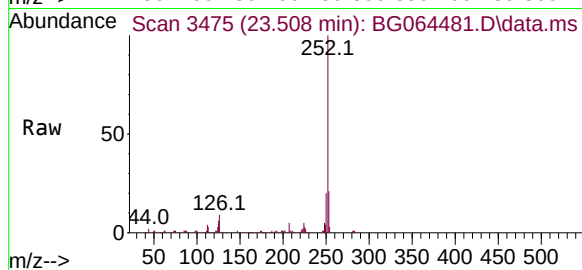
SSTDICC010

Tgt Ion:252	Resp:	96178
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.4 26.2
125	5.8	4.0 6.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 9.529 ng

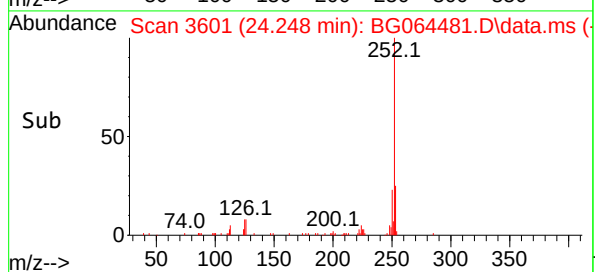
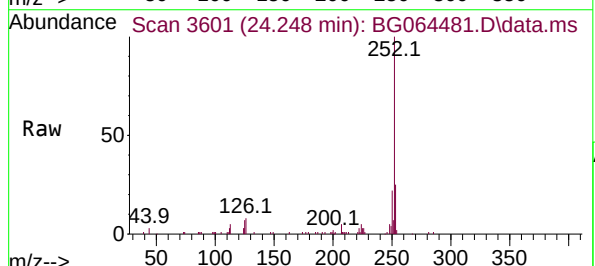
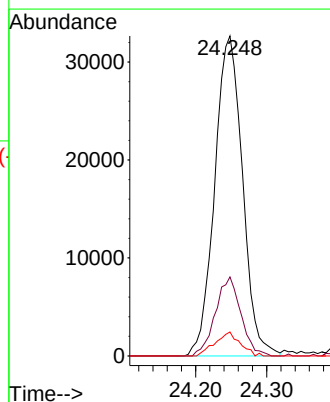
RT: 24.248 min Scan# 3601

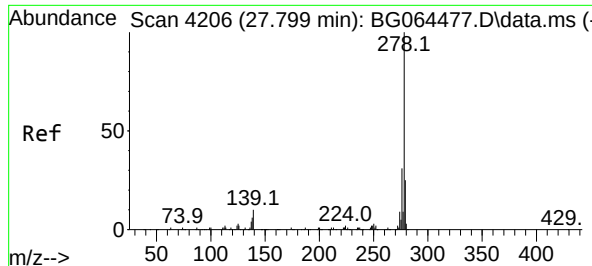
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

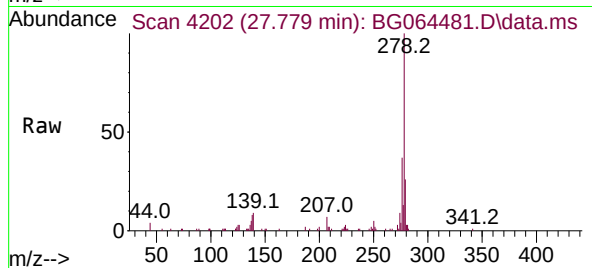
Tgt Ion:252	Resp:	88822
Ion Ratio	Lower	Upper
252	100	
253	24.7	17.1 25.7
125	7.5	4.6 6.8#





#91
Dibenzo(a,h)anthracene
Concen: 9.457 ng
RT: 27.779 min Scan# 4370
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49

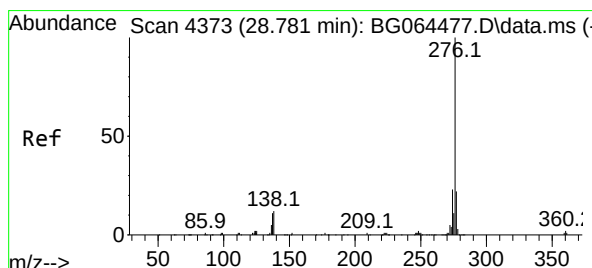
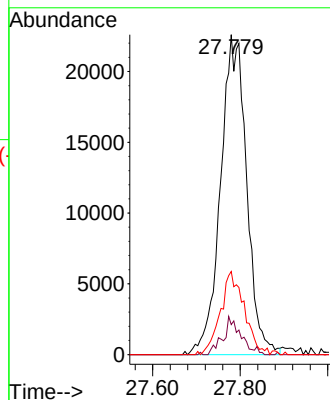
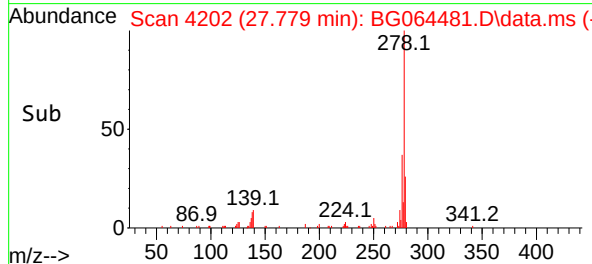
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



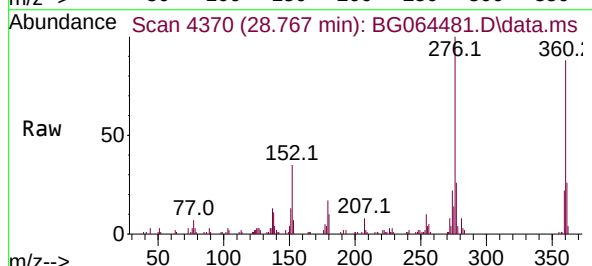
Tgt Ion:278 Resp: 93585
Ion Ratio Lower Upper
278 100
139 9.4 8.2 12.2
279 26.0 19.6 29.4

Manual Integrations
APPROVED

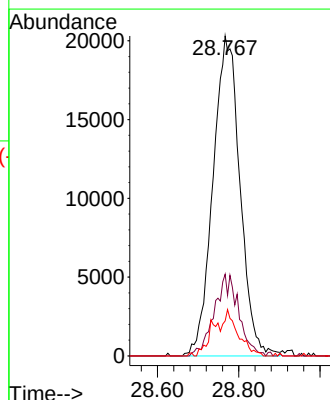
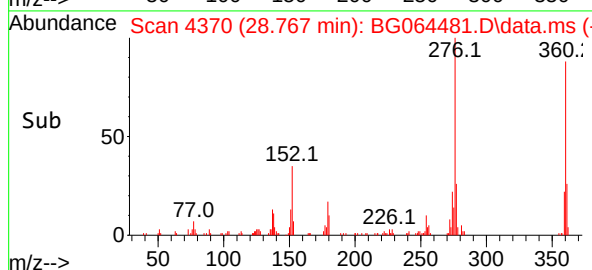
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 9.735 ng
RT: 28.767 min Scan# 4370
Delta R.T. 0.000 min
Lab File: BG064481.D
Acq: 2 Oct 2025 15:49



Tgt Ion:276 Resp: 93612
Ion Ratio Lower Upper
276 100
277 25.5 17.8 26.6
138 15.1 9.4 14.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064482.D
 Acq On : 2 Oct 2025 18:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	15318	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	68102	20.000	ng	0.00
39) Acenaphthene-d10	14.448	164	53704	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	136982	20.000	ng	0.00
76) Chrysene-d12	21.416	240	140392	20.000	ng	0.00
86) Perylene-d12	24.389	264	148372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	62374	75.359	ng	0.00
7) Phenol-d6	6.998	99	86196	77.494	ng	0.01
23) Nitrobenzene-d5	8.978	82	92457	72.999	ng	0.01
42) 2,4,6-Tribromophenol	15.940	330	74669	76.705	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	271576	74.539	ng	0.00
79) Terphenyl-d14	19.806	244	564322	76.071	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	12001	36.657	ng	96
3) Pyridine	3.713	79	31163	35.418	ng	97
4) n-Nitrosodimethylamine	3.631	42	24896	39.031	ng	91
6) Aniline	7.151	93	57677	41.109	ng	98
8) 2-Chlorophenol	7.391	128	37701	37.094	ng	96
9) Benzaldehyde	6.963	77	31860	32.268	ng	96
10) Phenol	7.021	94	45072	38.413	ng	99
11) bis(2-Chloroethyl)ether	7.250	93	29672	37.341	ng	99
12) 1,3-Dichlorobenzene	7.715	146	41698	37.504	ng	94
13) 1,4-Dichlorobenzene	7.856	146	44492	39.872	ng	97
14) 1,2-Dichlorobenzene	8.173	146	42303	38.466	ng	96
15) Benzyl Alcohol	8.061	79	41748	40.756	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.349	45	48934	38.204	ng	93
17) 2-Methylphenol	8.267	107	32757	38.553	ng	96
18) Hexachloroethane	8.901	117	16683	37.877	ng	92
19) n-Nitroso-di-n-propyla...	8.625	70	30487	40.984	ng	# 92
20) 3+4-Methylphenols	8.596	107	46114	38.893	ng	92
22) Acetophenone	8.637	105	65802	39.906	ng	# 98
24) Nitrobenzene	9.019	77	46946	37.170	ng	95
25) Isophorone	9.542	82	89937	39.198	ng	# 97
26) 2-Nitrophenol	9.724	139	22245	35.388	ng	# 84
27) 2,4-Dimethylphenol	9.789	122	40285	41.959	ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	45075	38.540	ng	98
29) 2,4-Dichlorophenol	10.259	162	43141	38.857	ng	86
30) 1,2,4-Trichlorobenzene	10.476	180	46901	38.743	ng	97
31) Naphthalene	10.658	128	134984	38.491	ng	97
32) Benzoic acid	9.941	122	29650m	40.223	ng	
33) 4-Chloroaniline	10.770	127	57575	42.784	ng	91
34) Hexachlorobutadiene	10.952	225	37931	36.587	ng	93
35) Caprolactam	11.534	113	14752	38.812	ng	94
36) 4-Chloro-3-methylphenol	11.898	107	51832	38.389	ng	96
37) 2-Methylnaphthalene	12.268	142	94732	35.191	ng	97
38) 1-Methylnaphthalene	12.491	142	99137	36.933	ng	100
40) 1,2,4,5-Tetrachloroben...	12.644	216	66779	38.511	ng	98
41) Hexachlorocyclopentadiene	12.621	237	45790	50.483	ng	91
43) 2,4,6-Trichlorophenol	12.879	196	43264	39.030	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064482.D
 Acq On : 2 Oct 2025 18:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

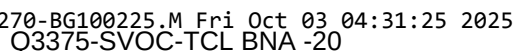
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.955	196	46812	37.827	ng	90
46) 1,1'-Biphenyl	13.285	154	149616	38.735	ng	98
47) 2-Chloronaphthalene	13.326	162	108769	37.716	ng	95
48) 2-Nitroaniline	13.531	65	38535	39.151	ng	98
49) Acenaphthylene	14.172	152	187686	43.842	ng	97
50) Dimethylphthalate	13.907	163	159424	37.903	ng	97
51) 2,6-Dinitrotoluene	14.025	165	33945	38.742	ng	92
52) Acenaphthene	14.512	154	109054	36.666	ng	98
53) 3-Nitroaniline	14.354	138	32910	40.727	ng	97
54) 2,4-Dinitrophenol	14.559	184	21309	33.540	ng	# 81
55) Dibenzofuran	14.847	168	187307	38.141	ng	97
56) 4-Nitrophenol	14.671	139	25265	39.712	ng	87
57) 2,4-Dinitrotoluene	14.812	165	52757	39.388	ng	98
58) Fluorene	15.500	166	161086	39.456	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.077	232	50545	40.021	ng	100
60) Diethylphthalate	15.276	149	172891	38.317	ng	97
61) 4-Chlorophenyl-phenyle...	15.494	204	81203	36.432	ng	98
62) 4-Nitroaniline	15.517	138	34897	41.435	ng	92
63) Azobenzene	15.787	77	134722	38.553	ng	98
65) 4,6-Dinitro-2-methylph...	15.582	198	36085	37.834	ng	92
66) n-Nitrosodiphenylamine	15.705	169	137047	37.465	ng	93
67) 4-Bromophenyl-phenylether	16.387	248	59351	36.819	ng	95
68) Hexachlorobenzene	16.504	284	67918	36.821	ng	96
69) Atrazine	16.657	200	68476	42.076	ng	98
70) Pentachlorophenol	16.845	266	38853	36.025	ng	91
71) Phenanthrene	17.233	178	265823	37.108	ng	96
72) Anthracene	17.321	178	274231	38.159	ng	99
73) Carbazole	17.591	167	246445	39.673	ng	99
74) Di-n-butylphthalate	18.155	149	294614	38.852	ng	99
75) Fluoranthene	19.242	202	331530	38.739	ng	100
77) Benzidine	19.424	184	152917	43.772	ng	98
78) Pyrene	19.601	202	335798	36.856	ng	99
80) Butylbenzylphthalate	20.500	149	121325	37.565	ng	98
81) Benzo(a)anthracene	21.393	228	339443	37.867	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	128504	42.355	ng	97
83) Chrysene	21.457	228	309731	36.434	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	168982	37.082	ng	99
85) Di-n-octyl phthalate	22.444	149	281232	36.720	ng	100
87) Indeno(1,2,3-cd)pyrene	27.738	276	390549	37.816	ng	99
88) Benzo(b)fluoranthene	23.449	252	315880	37.423	ng	99
89) Benzo(k)fluoranthene	23.514	252	337015	39.643	ng	99
90) Benzo(a)pyrene	24.254	252	307034	39.468	ng	98
91) Dibenzo(a,h)anthracene	27.791	278	318677	38.585	ng	96
92) Benzo(g,h,i)perylene	28.784	276	317018	39.498	ng	97

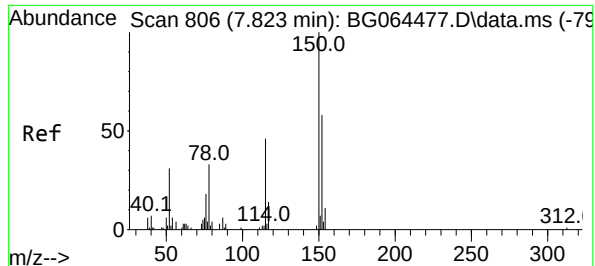
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Manual Integrations

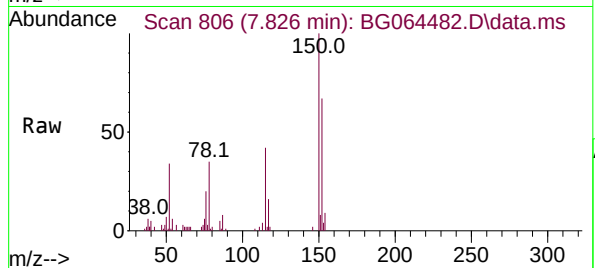
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.826 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

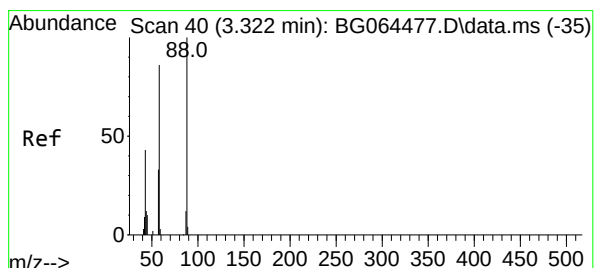
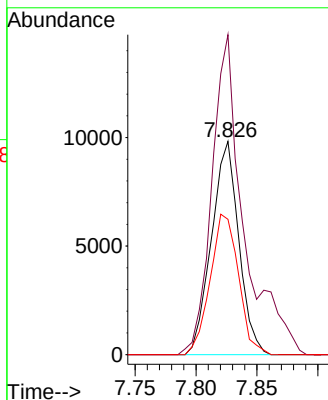
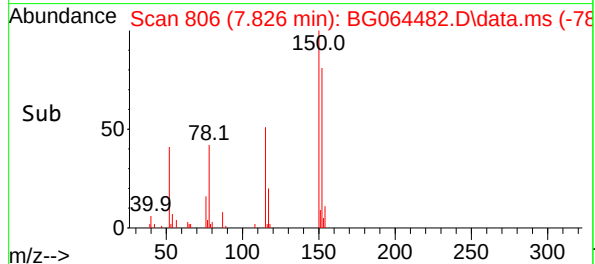
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion: 152 Resp: 15318
Ion Ratio Lower Upper
152 100
150 150.1 138.6 207.8
115 63.5 63.4 95.2

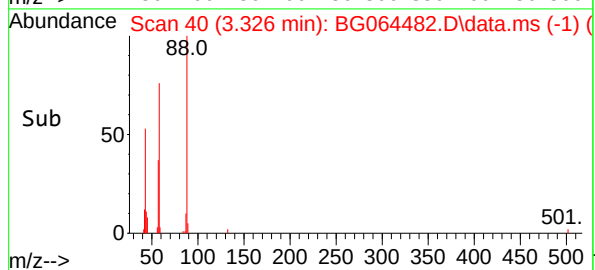
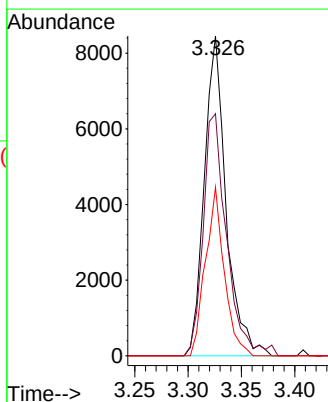
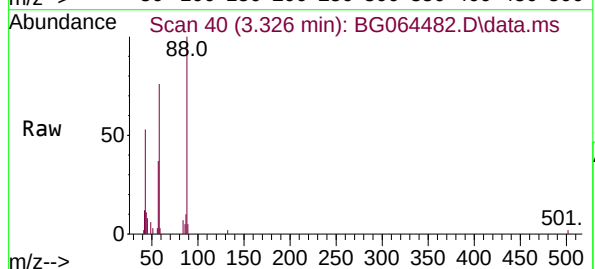
Manual Integrations
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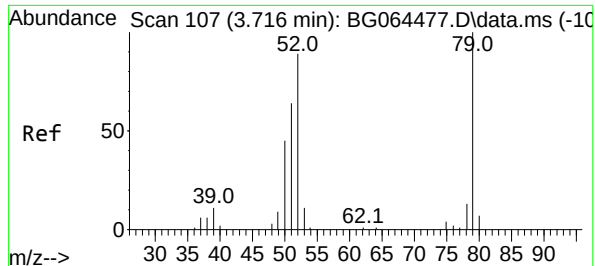
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 36.657 ng
RT: 3.326 min Scan# 40
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 88 Resp: 12001
Ion Ratio Lower Upper
88 100
58 81.6 69.8 104.6
43 45.8 37.4 56.0





#3

Pyridine

Concen: 35.418 ng

RT: 3.713 min Scan# 106

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

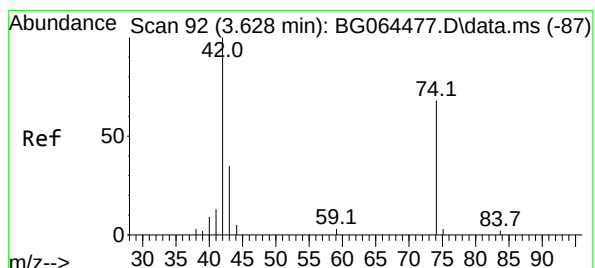
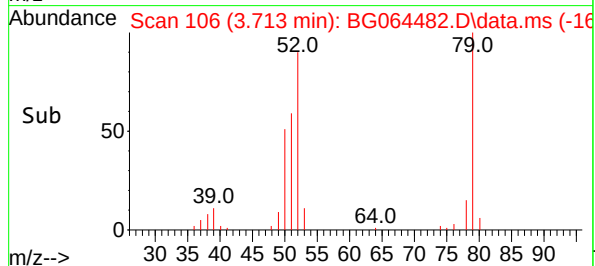
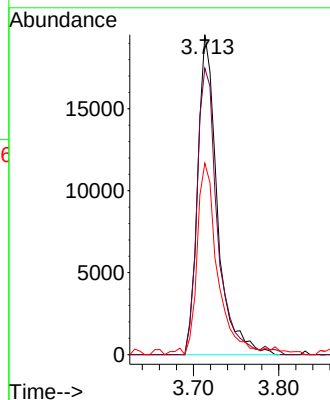
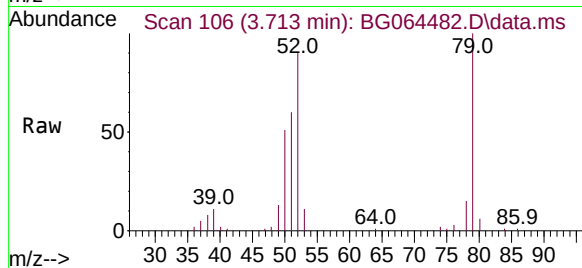
ICVBG100225

Tgt Ion:	79	Resp:	3116
Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.0	106.4
51	59.8	51.0	76.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#4

n-Nitrosodimethylamine

Concen: 39.031 ng

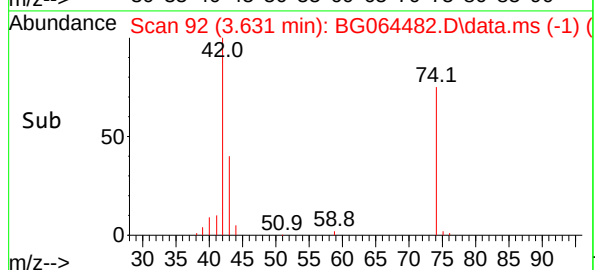
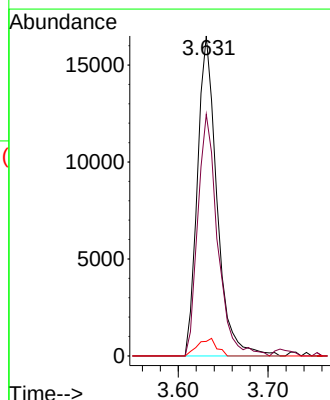
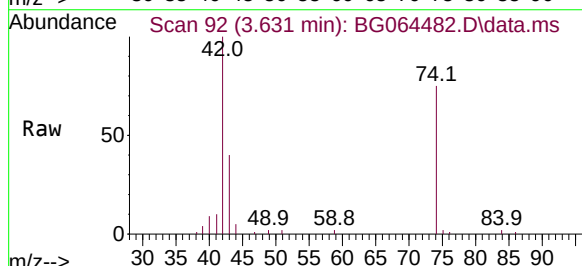
RT: 3.631 min Scan# 92

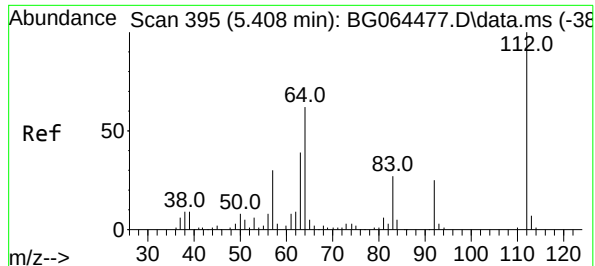
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

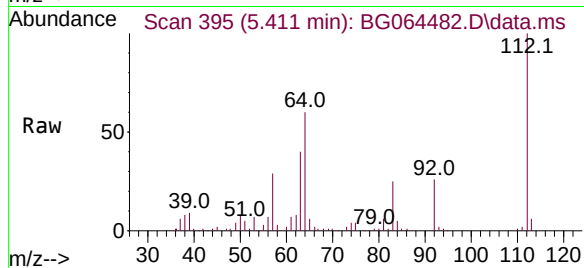
Tgt Ion:	42	Resp:	24896
Ion	Ratio	Lower	Upper
42	100		
74	75.5	54.2	81.4
44	4.5	4.2	6.2





#5
2-Fluorophenol
Concen: 75.359 ng
RT: 5.411 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

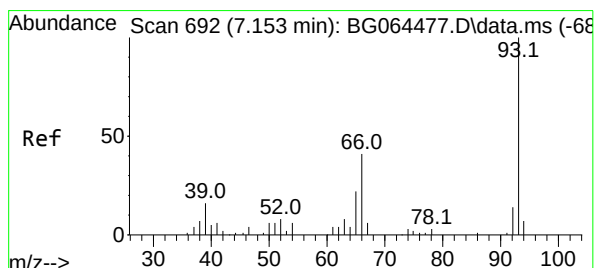
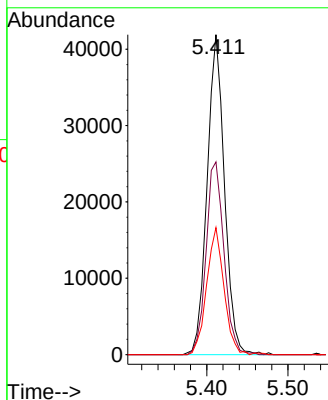
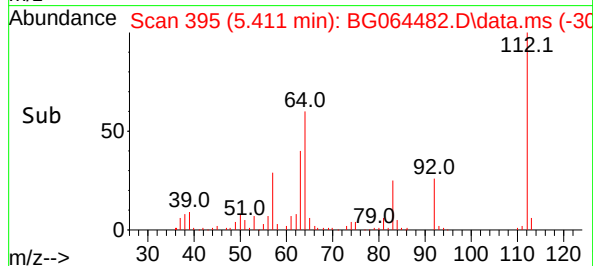
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:112 Resp: 62374
Ion Ratio Lower Upper
112 100
64 60.2 49.8 74.8
63 39.7 31.3 46.9

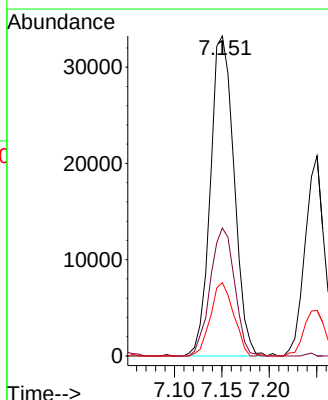
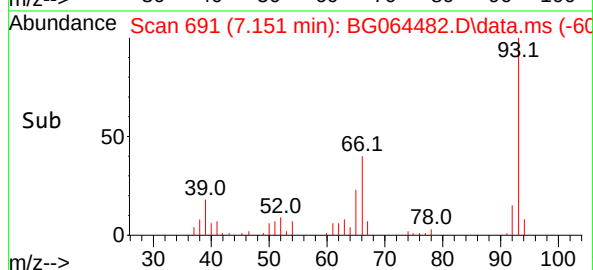
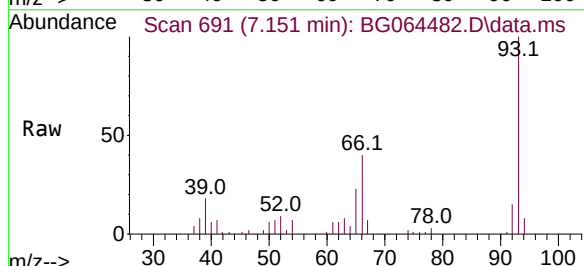
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APPROVED

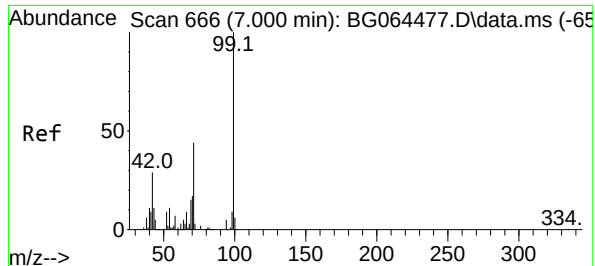
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 41.109 ng
RT: 7.151 min Scan# 691
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 93 Resp: 57677
Ion Ratio Lower Upper
93 100
66 40.0 33.0 49.4
65 22.9 17.5 26.3





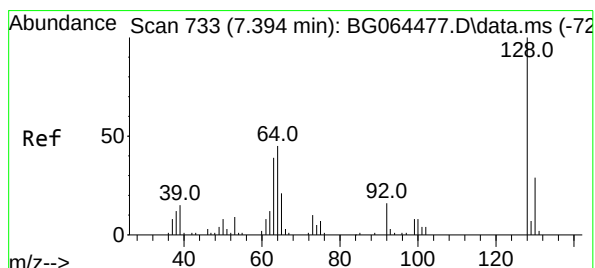
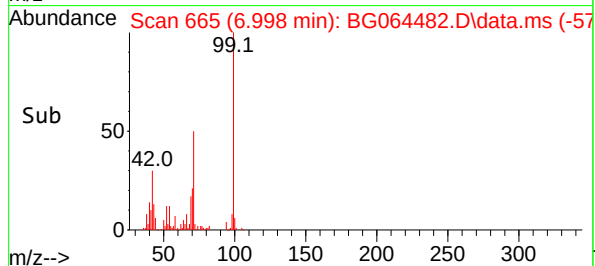
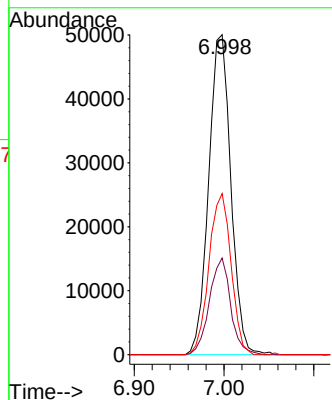
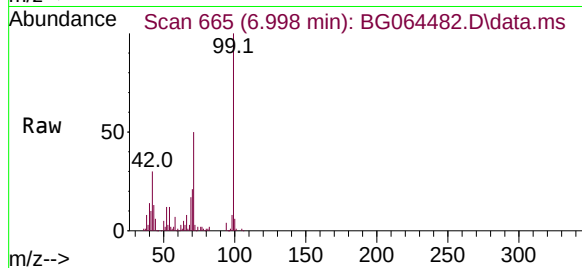
#7
Phenol-d6
Concen: 77.494 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
Client Sample Id :
ICVBG100225

Tgt Ion: 99 Resp: 86196
Ion Ratio Lower Upper
99 100
42 30.2 22.9 34.3
71 50.3 35.4 53.2

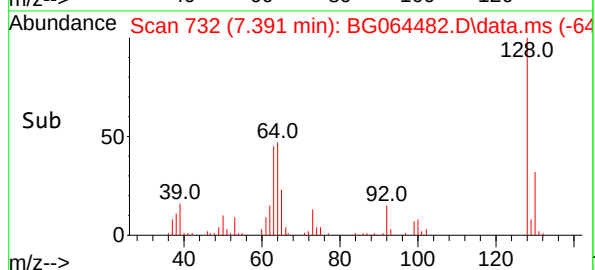
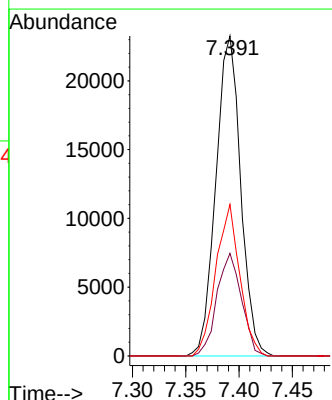
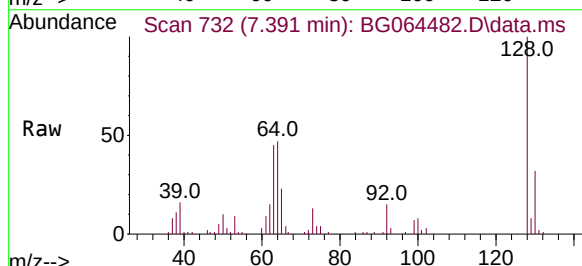
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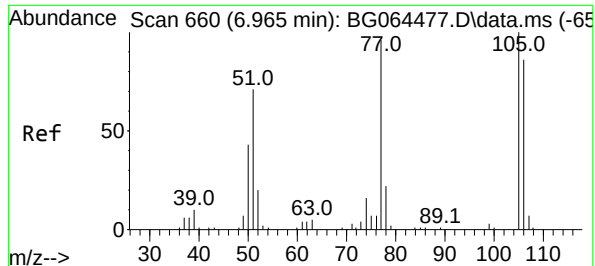
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 37.094 ng
RT: 7.391 min Scan# 732
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

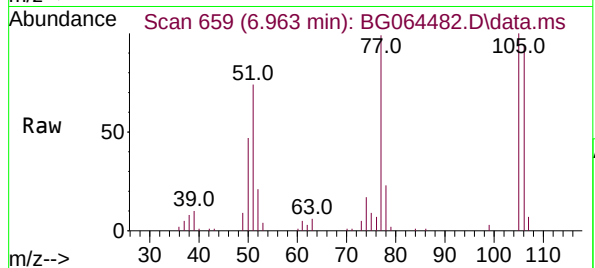
Tgt Ion:128 Resp: 37701
Ion Ratio Lower Upper
128 100
130 32.0 9.2 49.2
64 47.3 25.5 65.5





#9
Benzaldehyde
Concen: 32.268 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

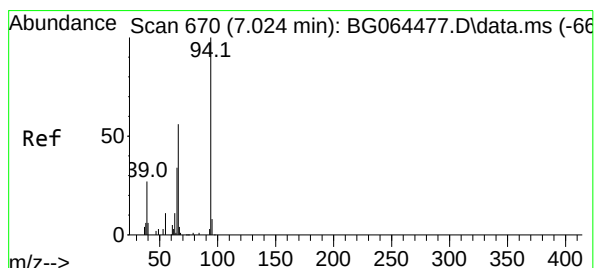
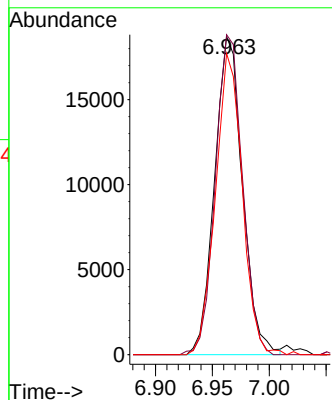
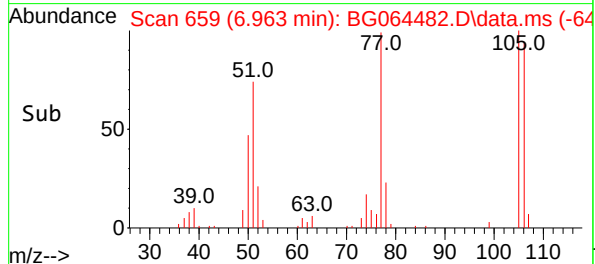
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion: 77 Resp: 31860
Ion Ratio Lower Upper
77 100
105 100.6 83.7 123.7
106 94.7 69.4 109.4

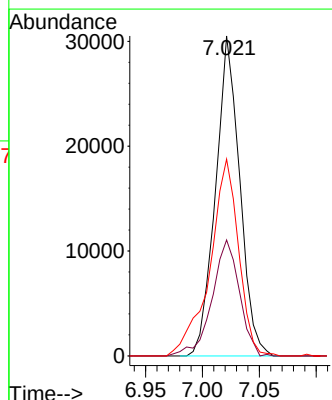
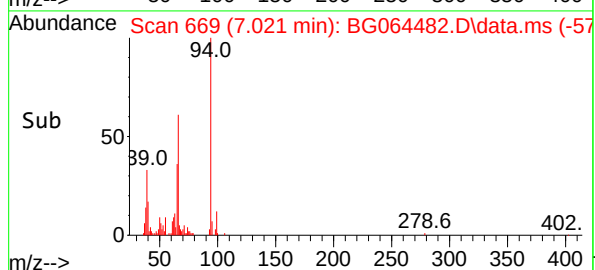
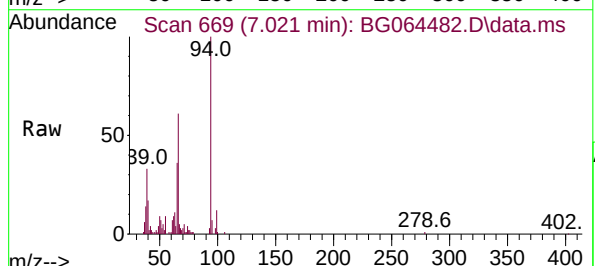
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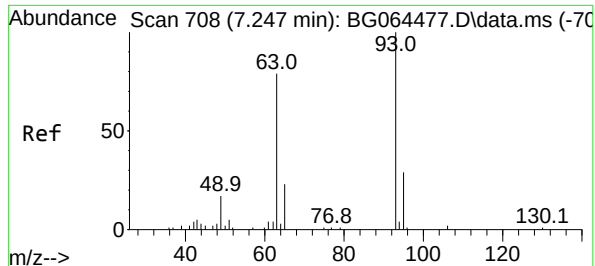
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 38.413 ng
RT: 7.021 min Scan# 669
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 94 Resp: 45072
Ion Ratio Lower Upper
94 100
65 36.2 14.8 54.8
66 61.5 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 37.341 ng

RT: 7.250 min Scan# 708

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion: 93 Resp: 29672

Ion Ratio Lower Upper

93 100

63 78.5 59.5 99.5

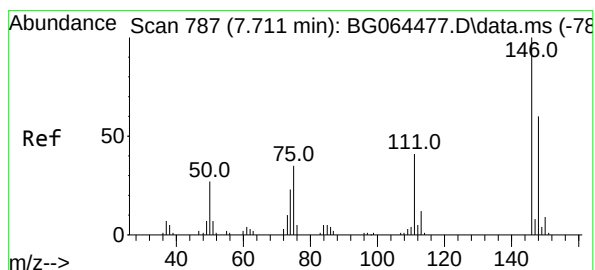
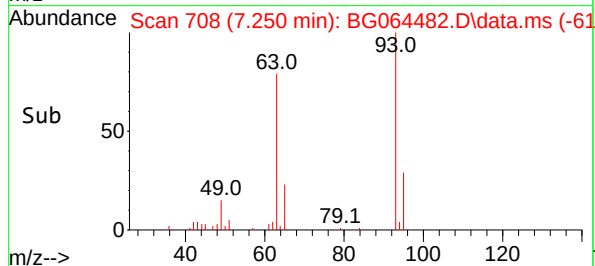
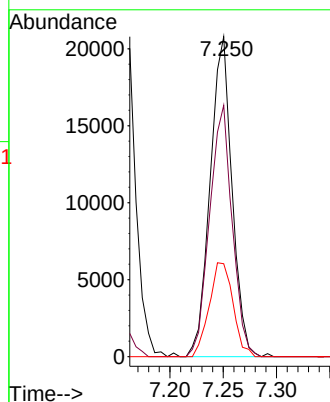
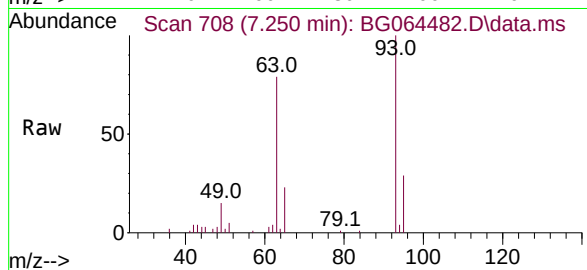
95 29.0 8.8 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 37.504 ng

RT: 7.715 min Scan# 787

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

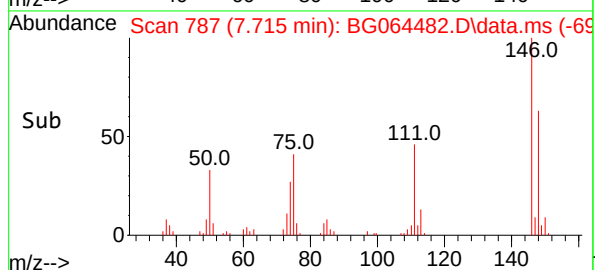
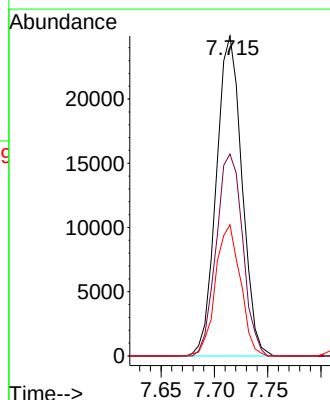
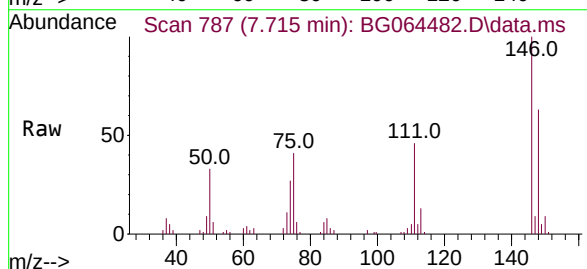
Tgt Ion:146 Resp: 41698

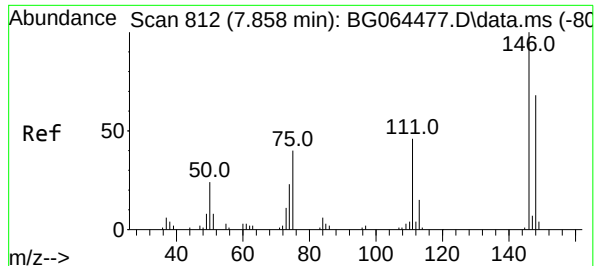
Ion Ratio Lower Upper

146 100

148 63.1 48.4 72.6

75 41.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 39.872 ng

RT: 7.856 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:146 Resp: 44492

Ion Ratio Lower Upper

146 100

148 65.0 54.4 81.6

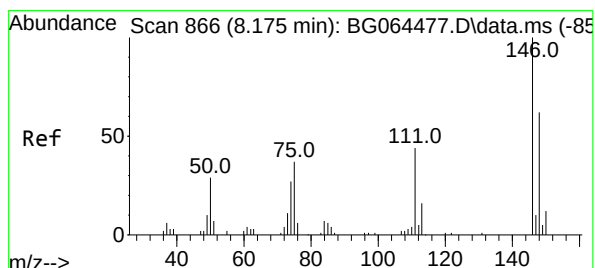
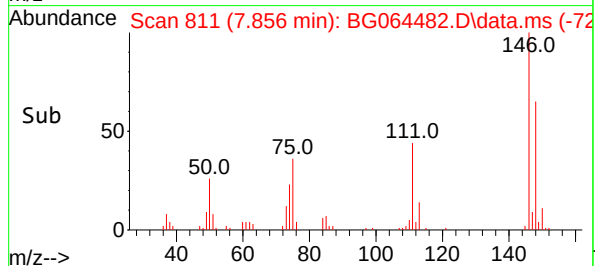
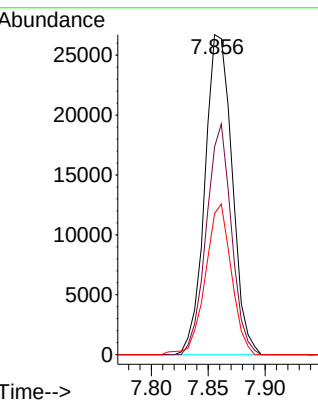
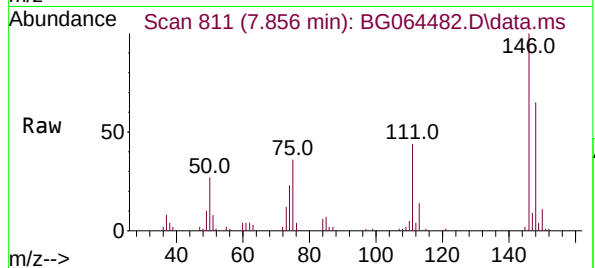
111 44.1 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 38.466 ng

RT: 8.173 min Scan# 865

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

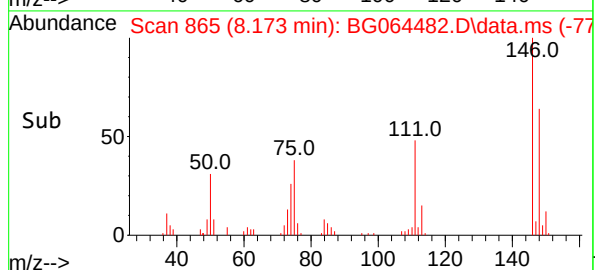
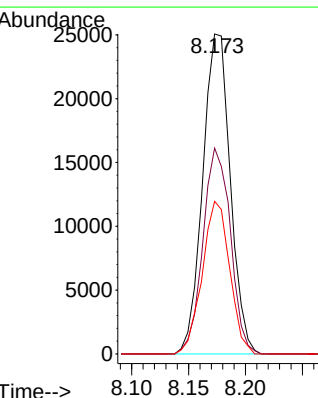
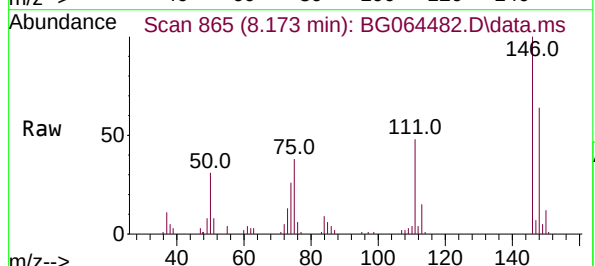
Tgt Ion:146 Resp: 42303

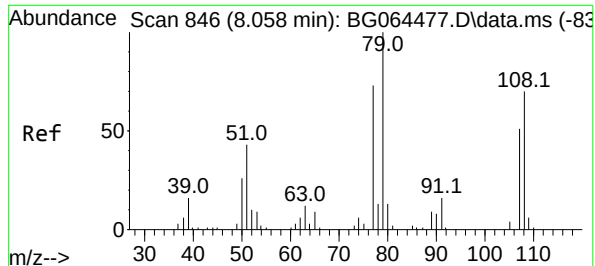
Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 47.7 35.0 52.4





#15

Benzyl Alcohol

Concen: 40.756 ng

RT: 8.061 min Scan# 846

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

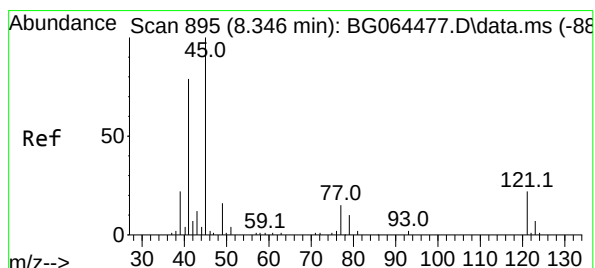
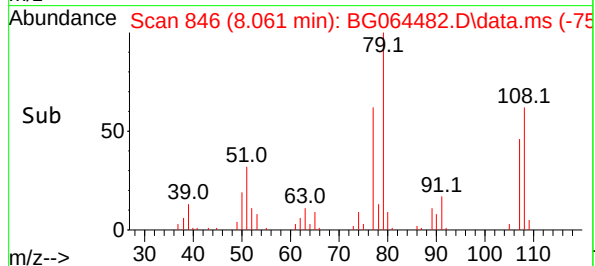
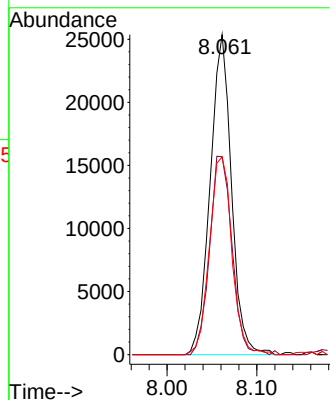
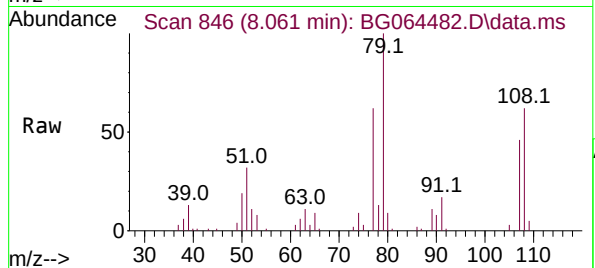
ICVBG100225

Tgt Ion:	79	Resp:	41748
Ion	Ratio	Lower	Upper
79	100		
108	61.8	56.4	84.6
77	61.8	58.3	87.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.204 ng

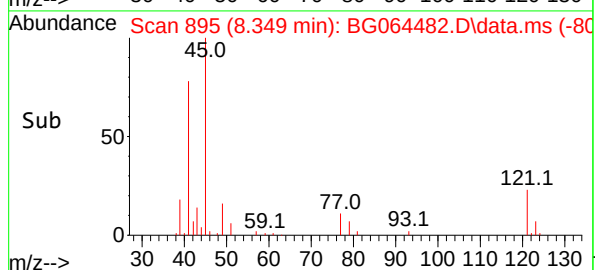
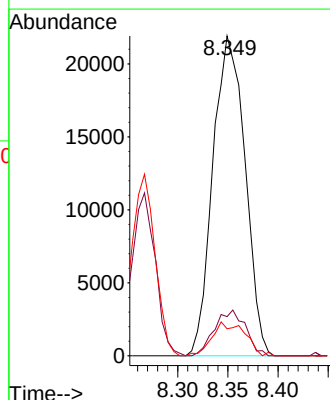
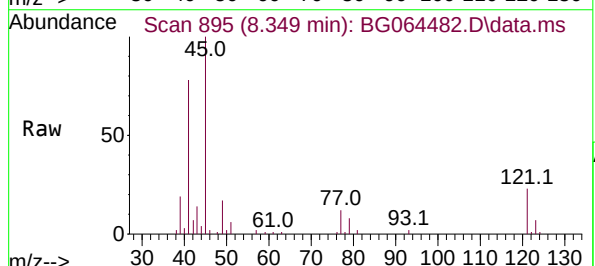
RT: 8.349 min Scan# 895

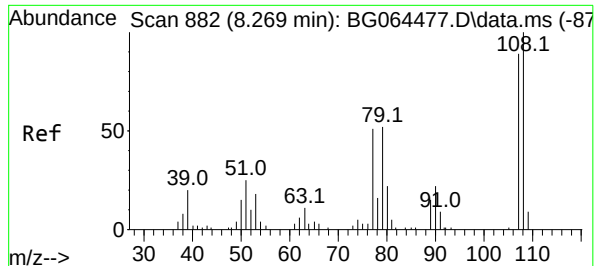
Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:	45	Resp:	48934
Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	35.6
79	8.5	0.0	30.7





#17

2-Methylphenol

Concen: 38.553 ng

RT: 8.267 min Scan# 881

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

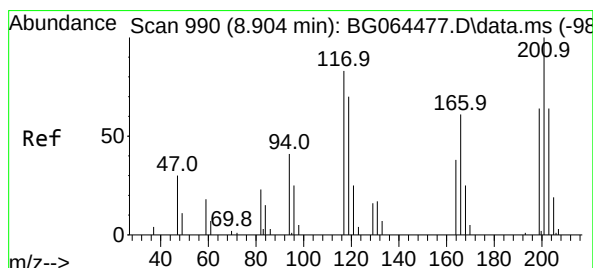
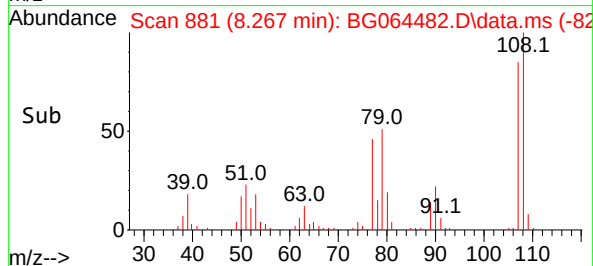
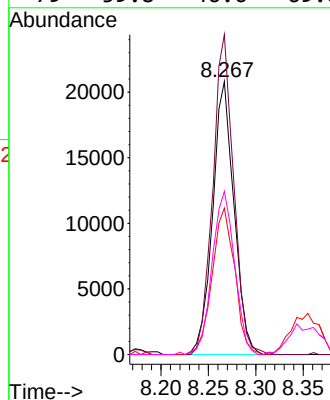
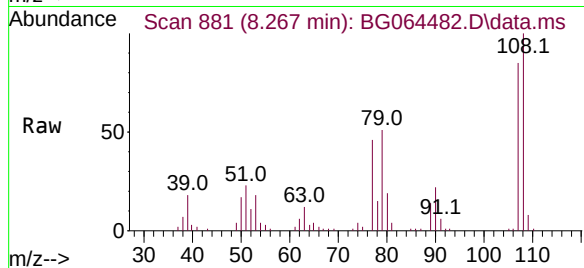
Tgt Ion:	107	Resp:	3275
Ion	Ratio	Lower	Upper
107	100		
108	117.2	90.3	135.5
77	53.7	46.0	69.0
79	59.8	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 37.877 ng

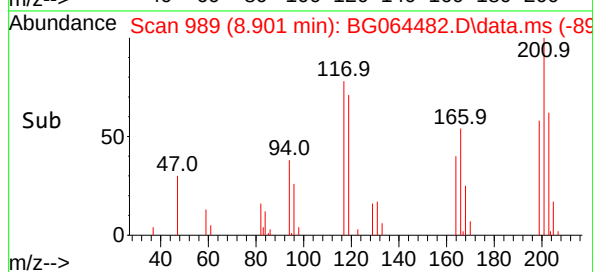
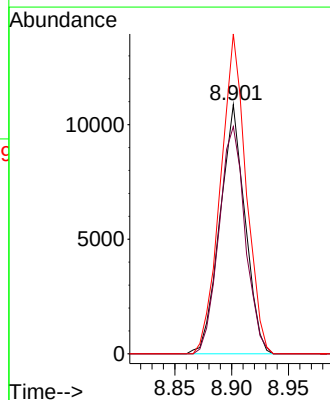
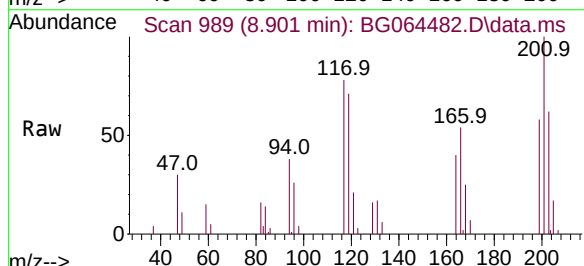
RT: 8.901 min Scan# 989

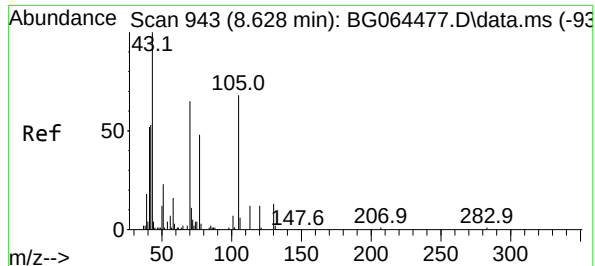
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:	117	Resp:	16683
Ion	Ratio	Lower	Upper
117	100		
119	91.2	67.4	101.0
201	128.4	95.9	143.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.984 ng

RT: 8.625 min Scan# 94

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion: 70 Resp: 3048

Ion Ratio Lower Upper

70 100

42 87.6 64.9 97.3

101 10.9 8.7 13.1

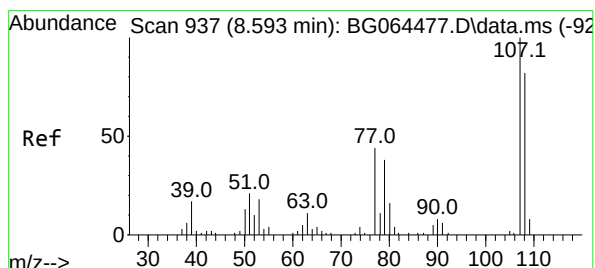
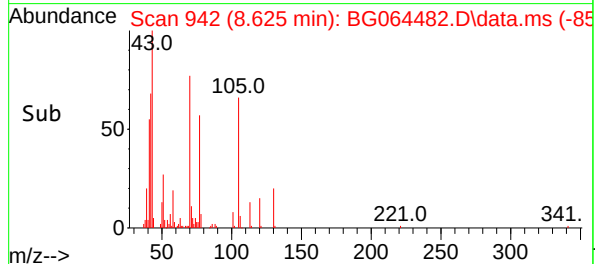
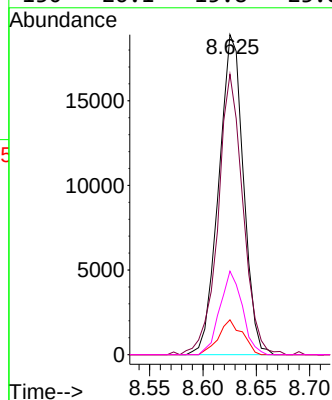
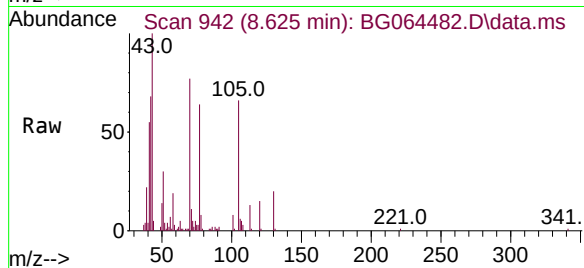
130 26.1 15.8 23.8#

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 38.893 ng

RT: 8.596 min Scan# 937

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:107 Resp: 46114

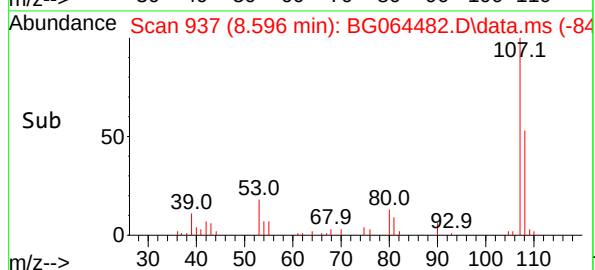
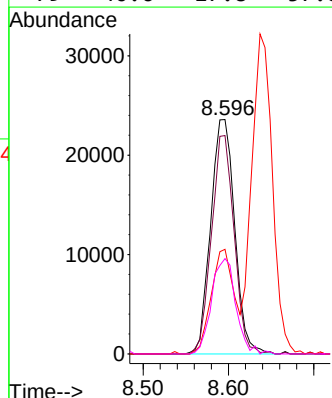
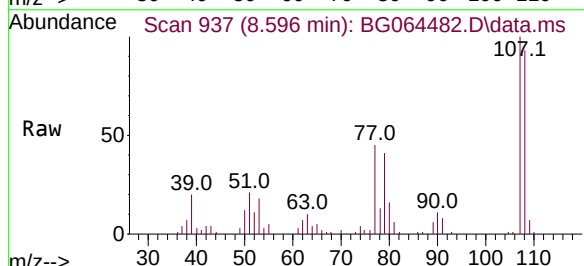
Ion Ratio Lower Upper

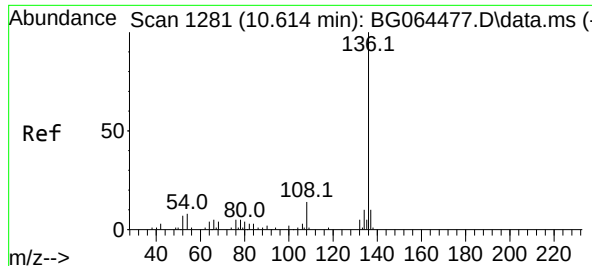
107 100

108 93.1 62.1 102.1

77 44.6 23.5 63.5

79 40.6 17.8 57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.611 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

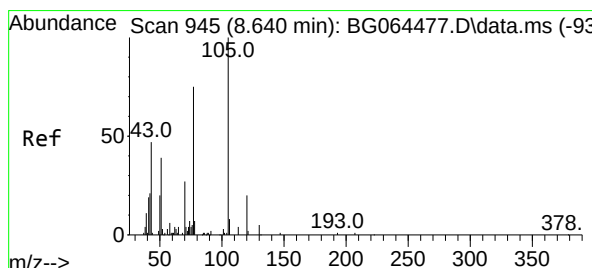
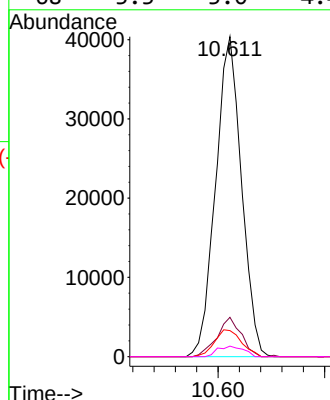
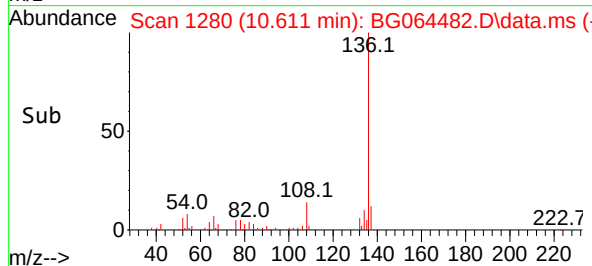
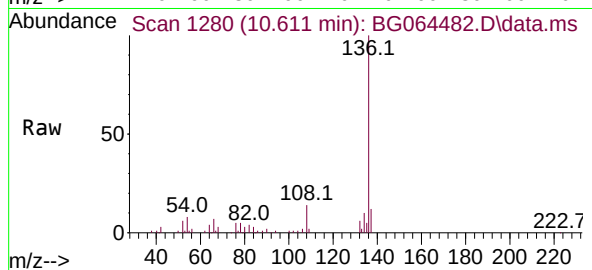
Tgt Ion:	136	Resp:	68102
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.3	12.5
54	8.1	6.2	9.4
68	3.3	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#22

Acetophenone

Concen: 39.906 ng

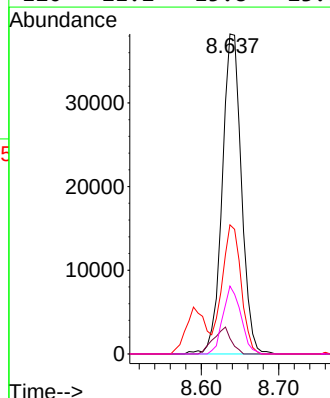
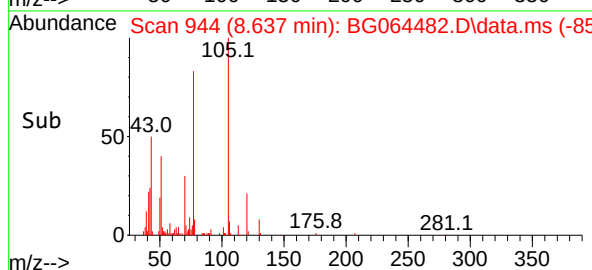
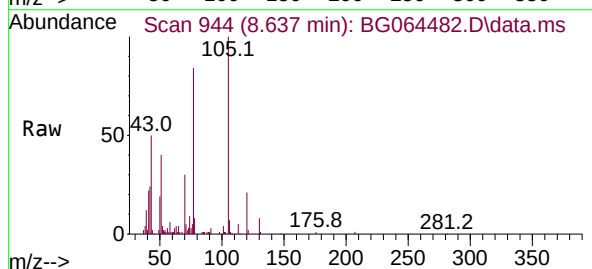
RT: 8.637 min Scan# 944

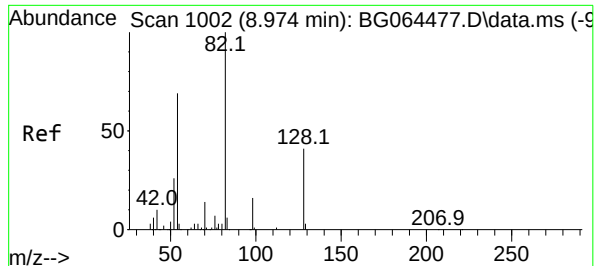
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:	105	Resp:	65802
Ion Ratio	Lower	Upper	
105	100		
71	4.8	2.8	4.2#
51	40.3	33.0	49.4
120	21.2	15.8	23.6





#23

Nitrobenzene-d5

Concen: 72.999 ng

RT: 8.978 min Scan# 1002

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

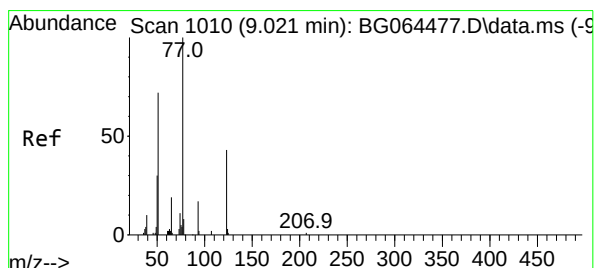
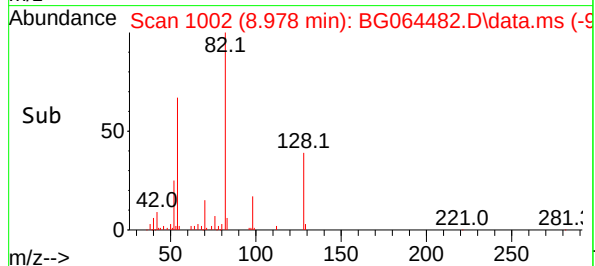
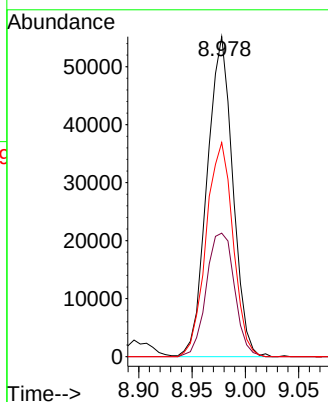
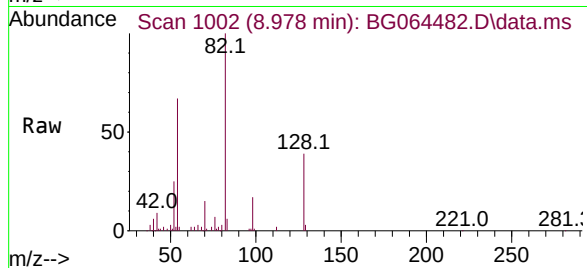
ClientSampleId :

ICVBG100225

Tgt Ion:	82	Resp:	9245
Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.1	49.7
54	66.9	55.4	83.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 37.170 ng

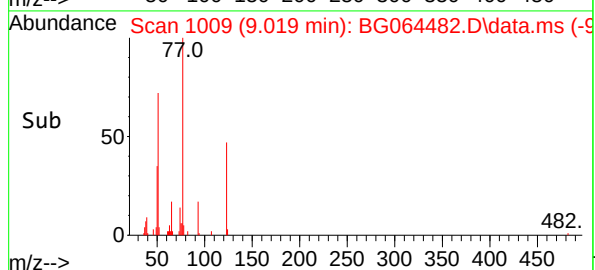
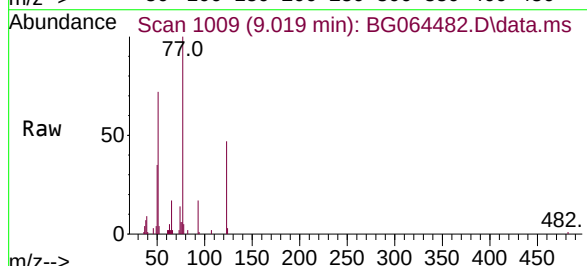
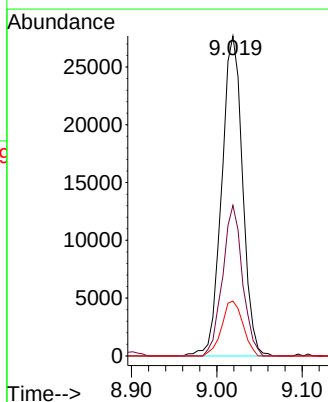
RT: 9.019 min Scan# 1009

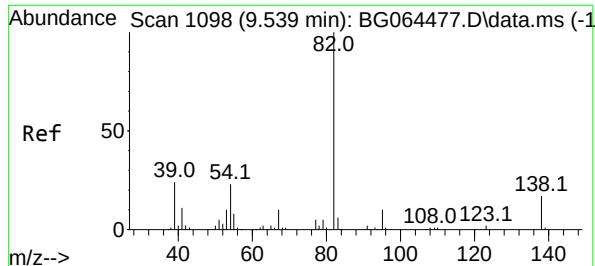
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:	77	Resp:	46946
Ion	Ratio	Lower	Upper
77	100		
123	47.0	34.4	51.6
65	17.1	14.8	22.2





#25

Isophorone

Concen: 39.198 ng

RT: 9.542 min Scan# 1098

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

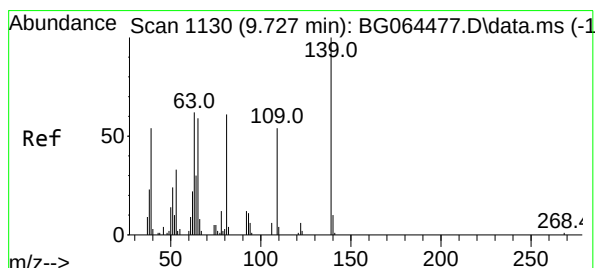
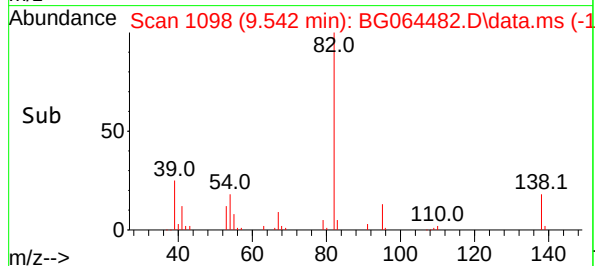
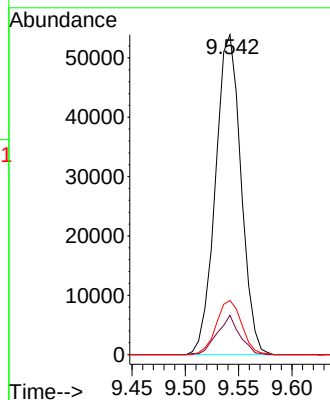
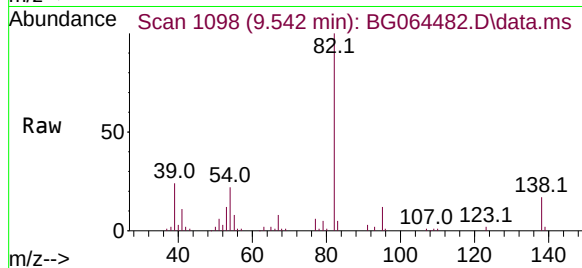
ICVBG100225

Tgt Ion:	82	Resp:	8993
Ion Ratio	Lower	Upper	
82	100		
95	12.3	7.8	11.8
138	16.9	13.8	20.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 35.388 ng

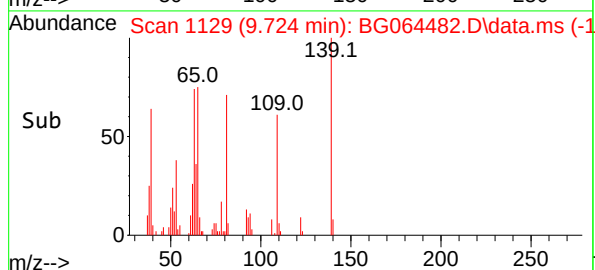
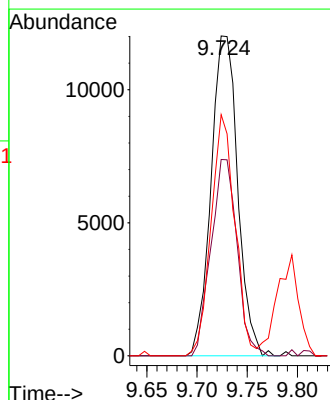
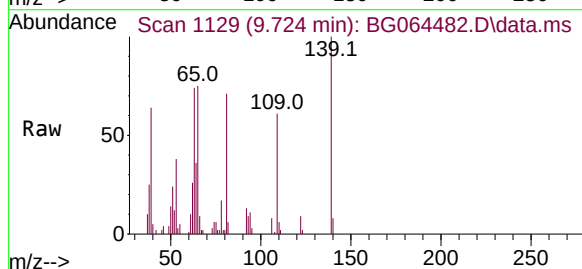
RT: 9.724 min Scan# 1129

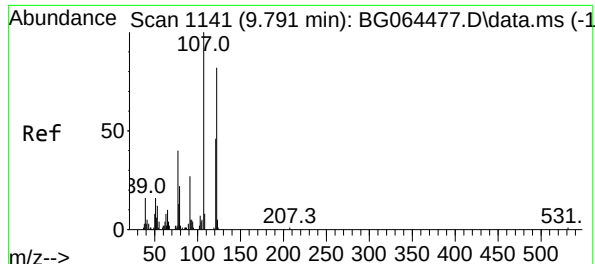
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:	139	Resp:	22245
Ion Ratio	Lower	Upper	
139	100		
109	61.4	43.0	64.6
65	75.4	47.4	71.2





#27

2,4-Dimethylphenol

Concen: 41.959 ng

RT: 9.789 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BG064482.D

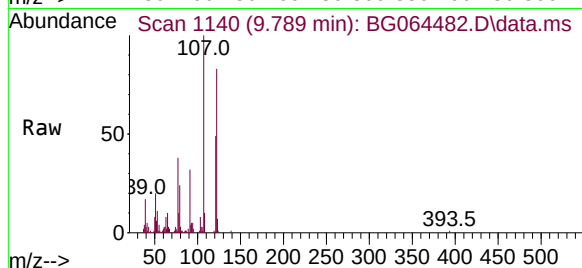
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



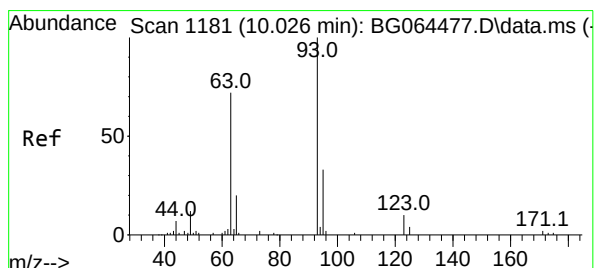
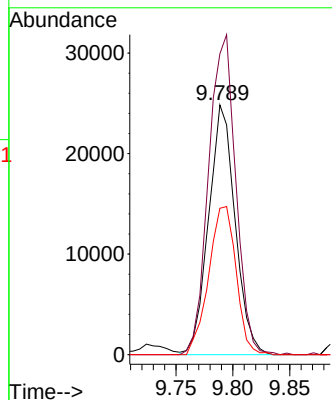
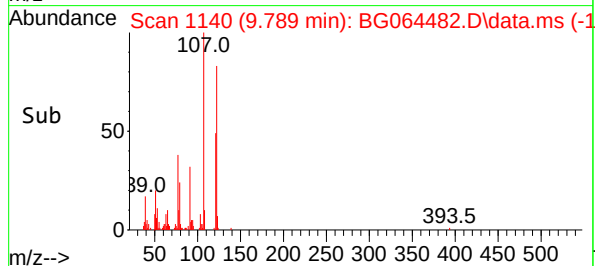
Tgt Ion:	122	Resp:	40285
Ion	Ratio	Lower	Upper
122	100		
107	120.4	98.3	147.5
121	58.6	44.7	67.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

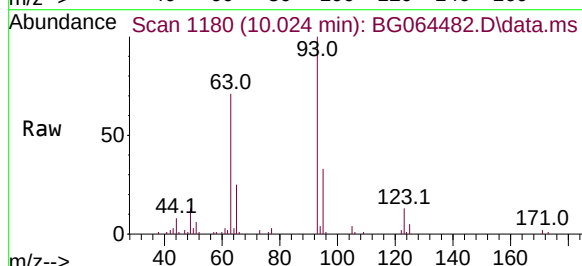
Concen: 38.540 ng

RT: 10.024 min Scan# 1180

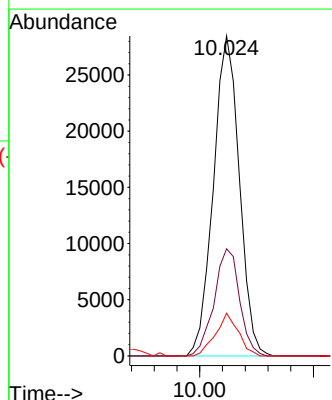
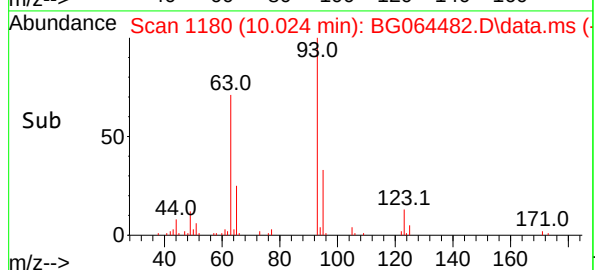
Delta R.T. 0.006 min

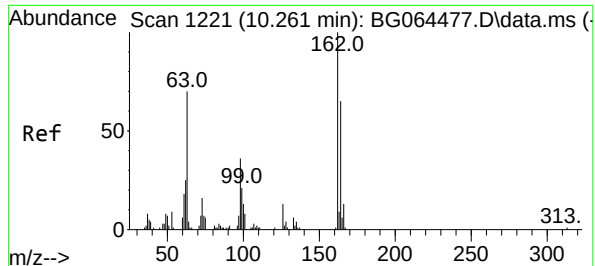
Lab File: BG064482.D

Acq: 2 Oct 2025 18:09



Tgt Ion:	93	Resp:	45075
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	13.3	8.9	13.3





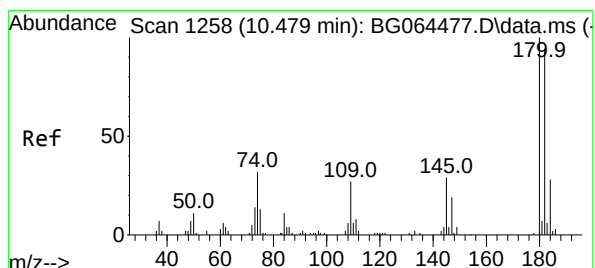
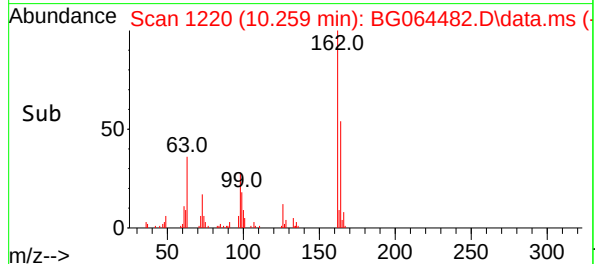
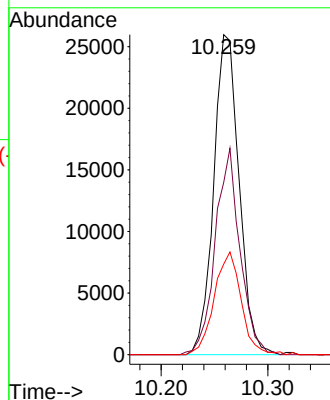
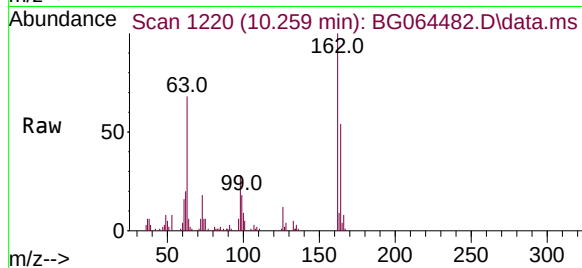
#29
2,4-Dichlorophenol
Concen: 38.857 ng
RT: 10.259 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:162 Resp: 4314
Ion Ratio Lower Upper
162 100
164 53.8 45.4 85.4
98 28.3 16.4 56.4

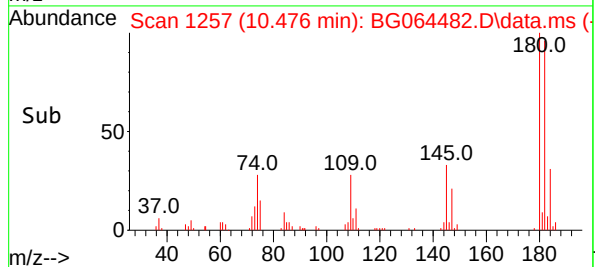
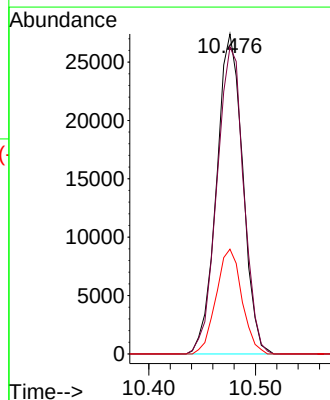
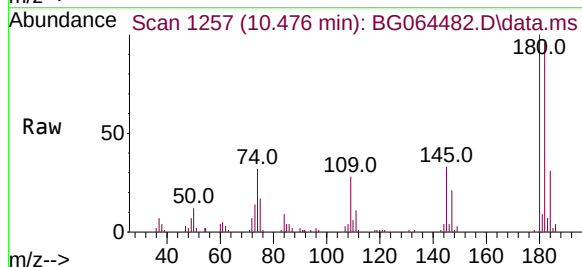
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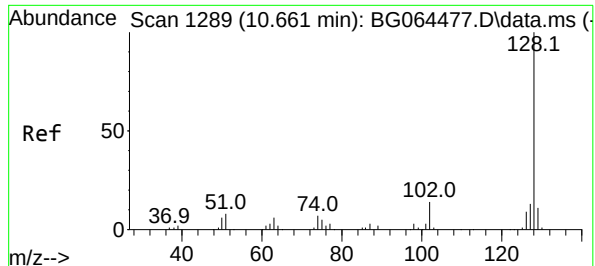
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 38.743 ng
RT: 10.476 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

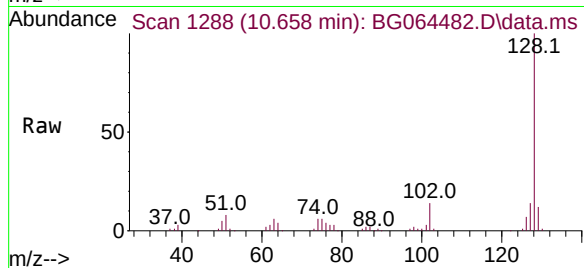
Tgt Ion:180 Resp: 46901
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.2
145 32.7 23.2 34.8





#31
Naphthalene
Concen: 38.491 ng
RT: 10.658 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

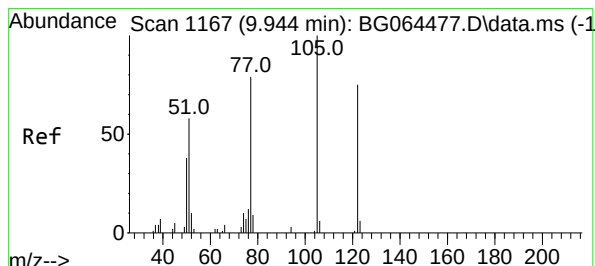
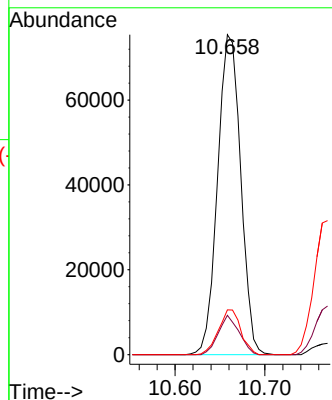
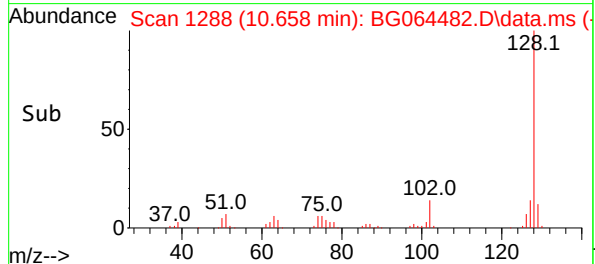
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:128 Resp: 134984
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 14.0 10.2 15.2

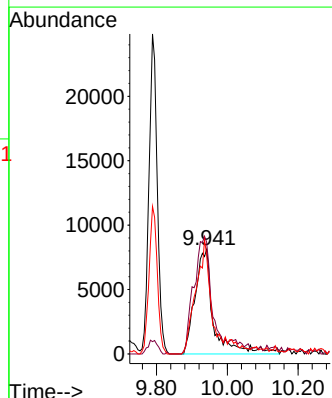
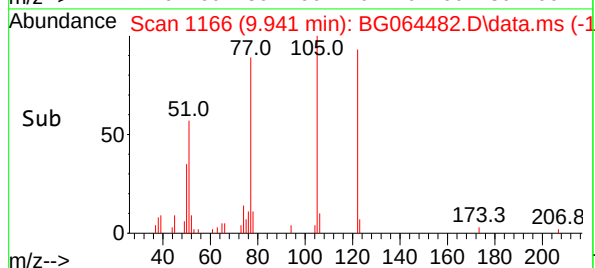
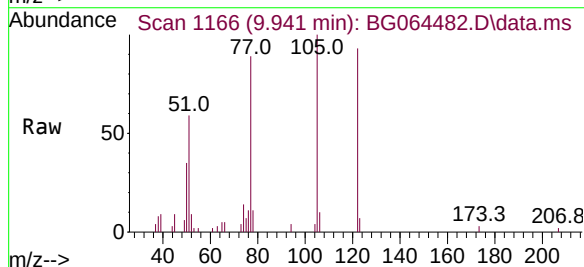
Manual Integrations
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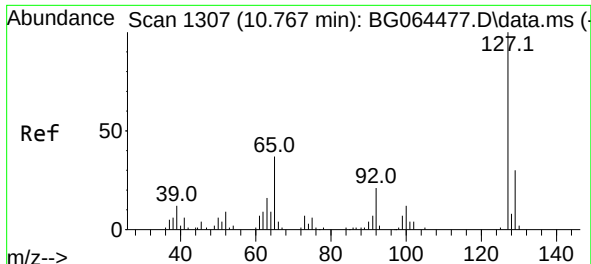
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 40.223 ng m
RT: 9.941 min Scan# 1166
Delta R.T. 0.053 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:122 Resp: 29650
Ion Ratio Lower Upper
122 100
105 107.2 113.9 153.9#
77 95.1 86.1 126.1





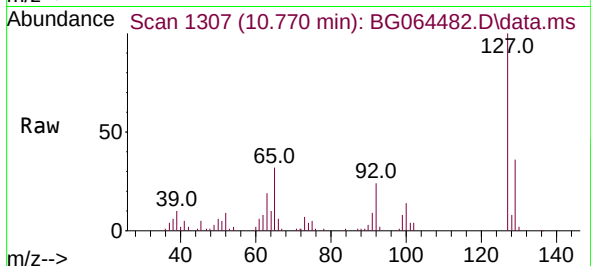
#33
4-Chloroaniline
Concen: 42.784 ng
RT: 10.770 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

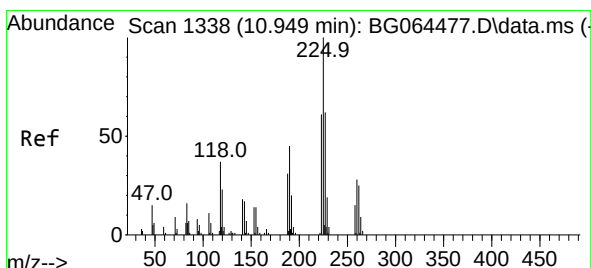
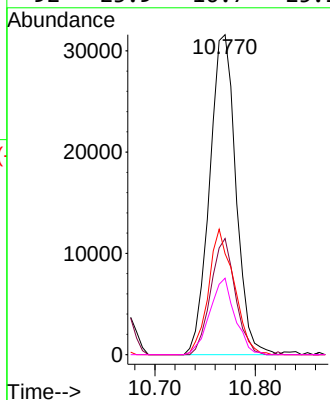
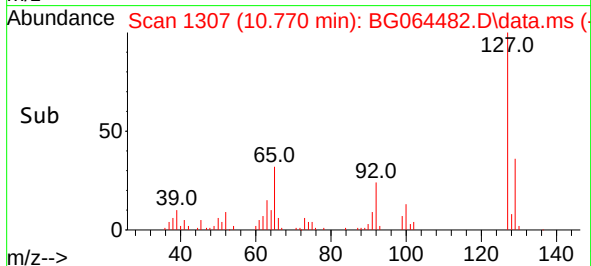
ICVBG100225



Tgt Ion:127	Resp: 5757
Ion Ratio	Lower Upper
127 100	
129 36.3	24.2 36.4
65 31.5	29.6 44.4
92 23.9	16.7 25.1

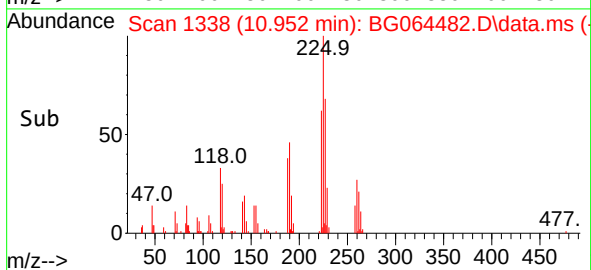
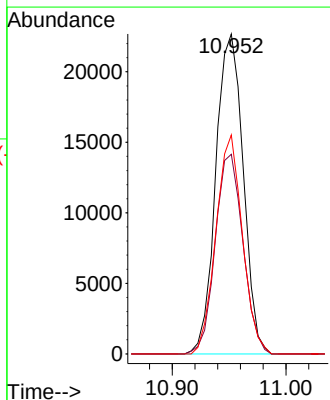
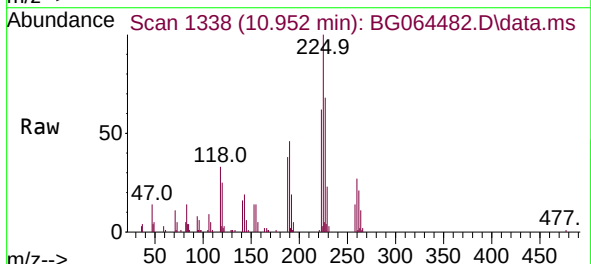
Manual Integrations
APPROVED

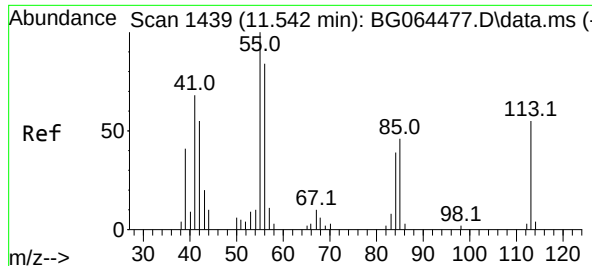
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 36.587 ng
RT: 10.952 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

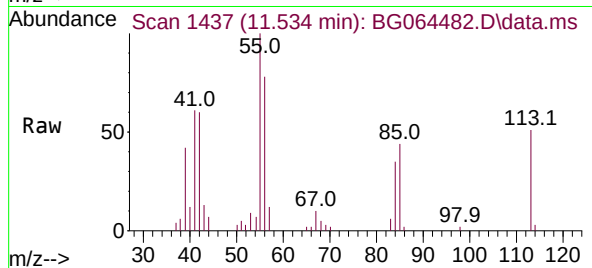
Tgt Ion:225	Resp: 37931
Ion Ratio	Lower Upper
225 100	
223 65.8	49.0 73.6
227 68.4	49.9 74.9





#35
Caprolactam
Concen: 38.812 ng
RT: 11.534 min Scan# 1437
Delta R.T. 0.023 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

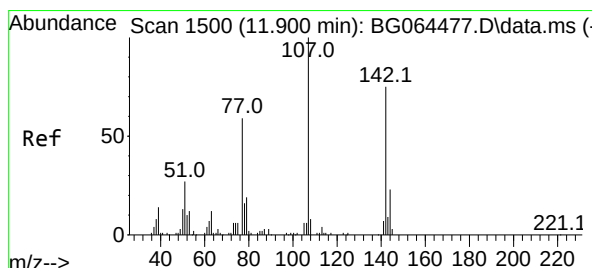
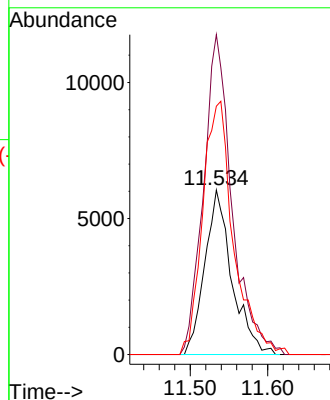
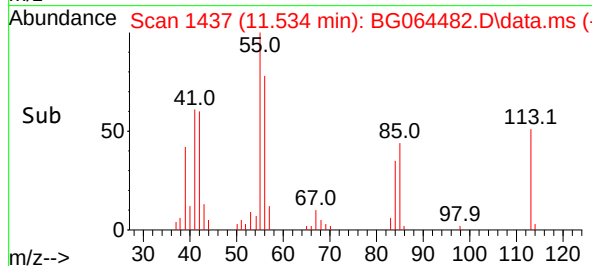
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



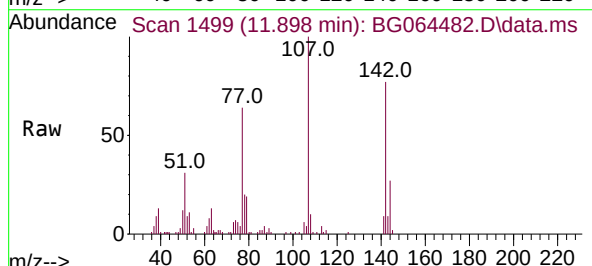
Tgt Ion:113 Resp: 14752
Ion Ratio Lower Upper
113 100
55 194.4 162.0 202.0
56 150.9 134.6 174.6

Manual Integrations
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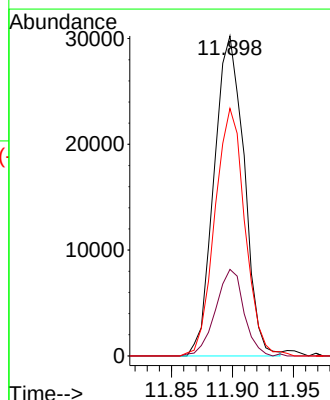
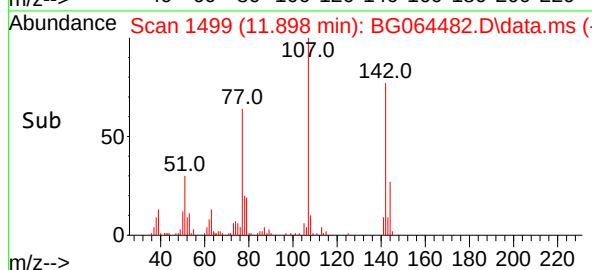
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

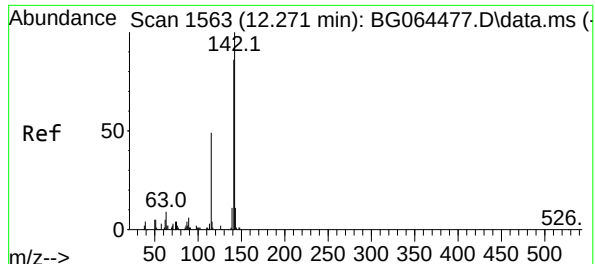


#36
4-Chloro-3-methylphenol
Concen: 38.389 ng
RT: 11.898 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:107 Resp: 51832
Ion Ratio Lower Upper
107 100
144 27.0 18.7 28.1
142 77.3 60.2 90.2





#37
2-Methylnaphthalene
Concen: 35.191 ng
RT: 12.268 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

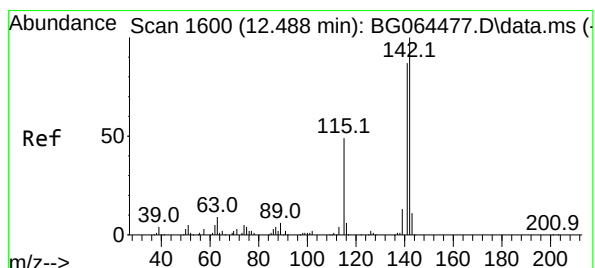
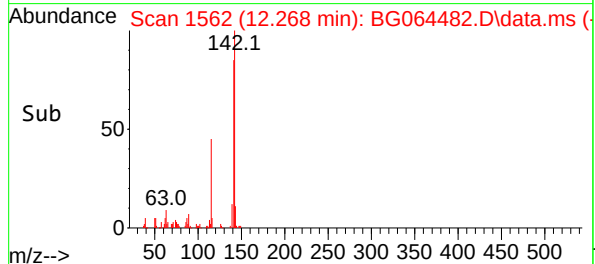
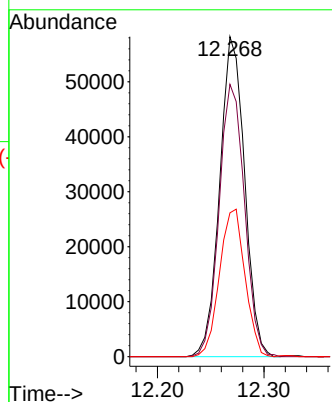
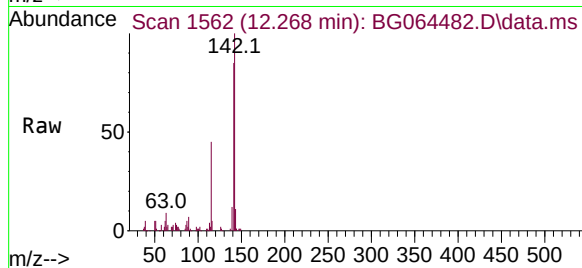
ClientSampleId :

ICVBG100225

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.7	103.1
115	44.9	39.3	58.9

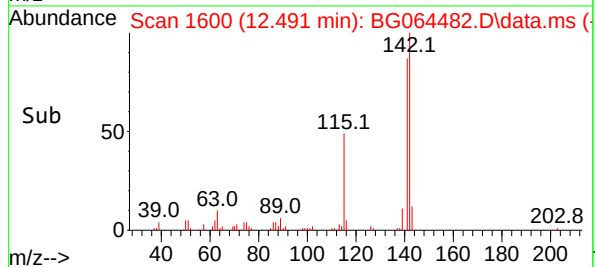
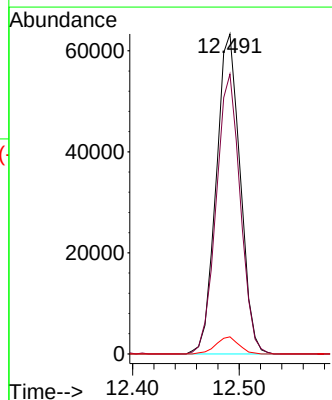
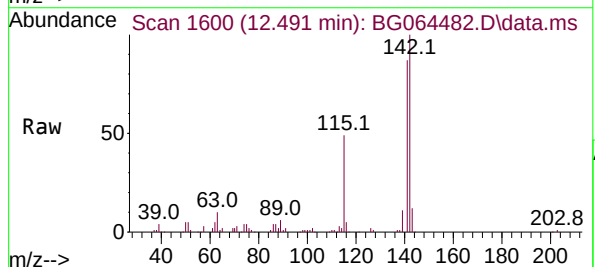
Manual Integrations
APPROVED

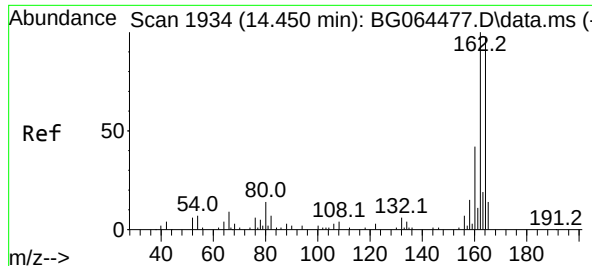
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 36.933 ng
RT: 12.491 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.8
116	5.3	4.6	6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BG064482.D

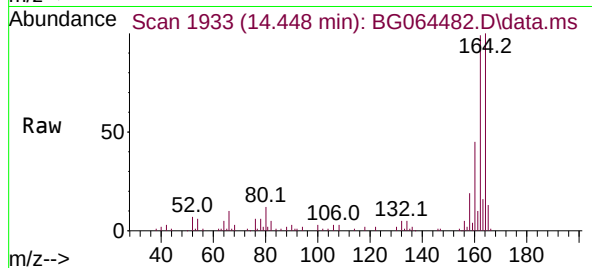
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



Tgt Ion:164 Resp: 53704

Ion Ratio Lower Upper

164 100

162 98.6 82.2 123.2

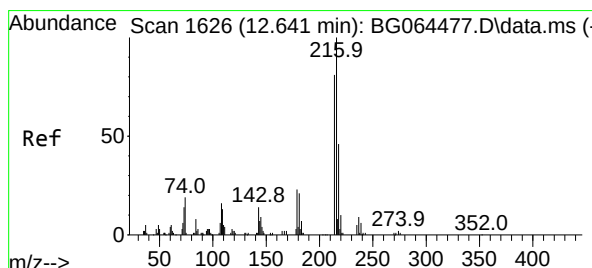
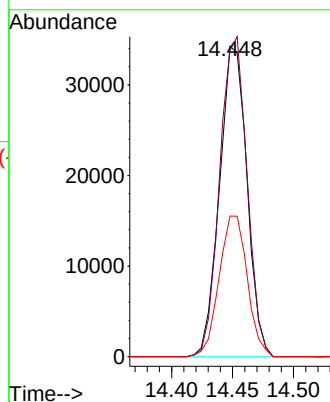
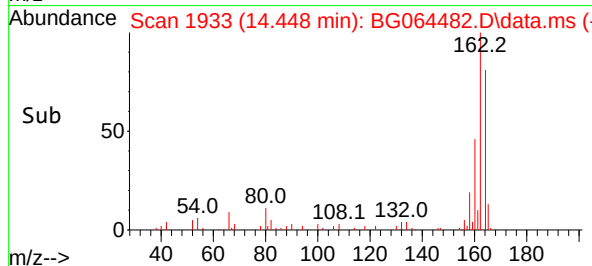
160 45.3 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

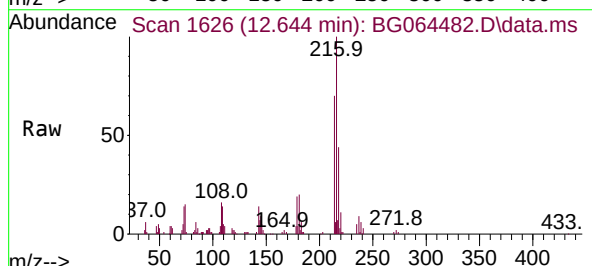
Concen: 38.511 ng

RT: 12.644 min Scan# 1626

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09



Tgt Ion:216 Resp: 66779

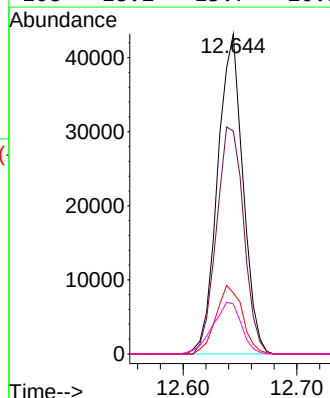
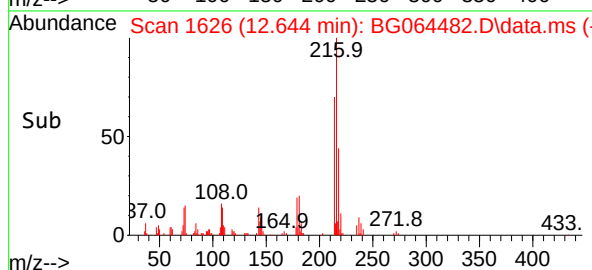
Ion Ratio Lower Upper

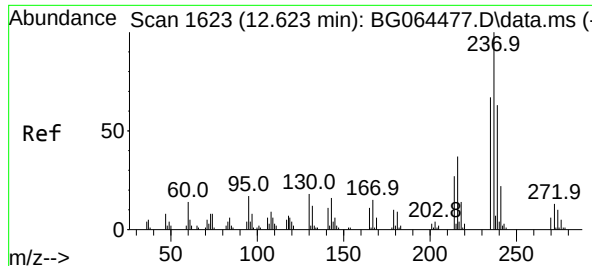
216 100

214 76.2 62.5 93.7

179 22.3 17.0 25.6

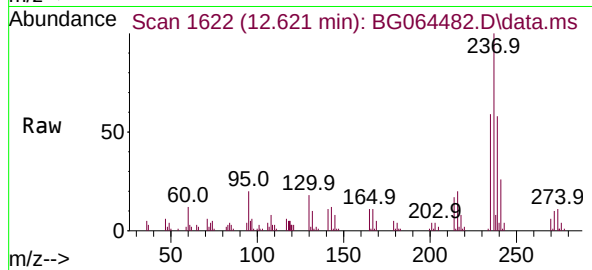
108 18.2 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 50.483 ng
RT: 12.621 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

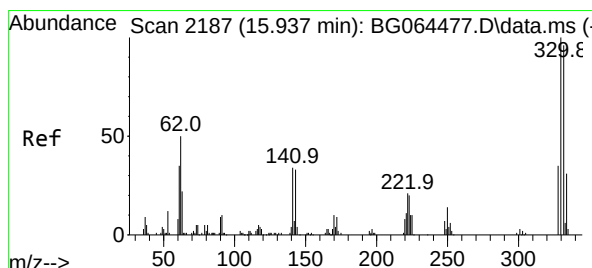
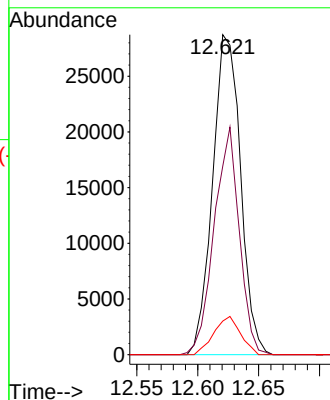
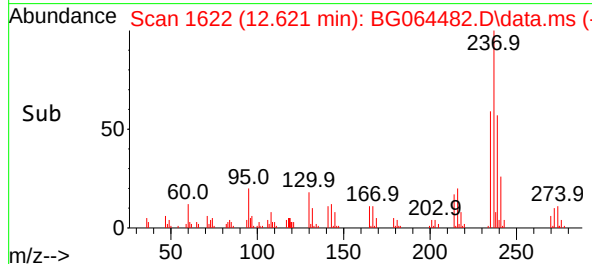
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



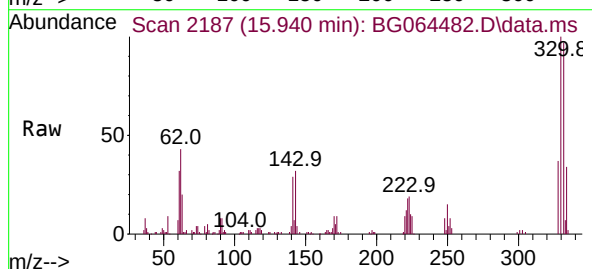
Tgt Ion: 237 Resp: 45790
Ion Ratio Lower Upper
237 100
235 58.9 46.9 86.9
272 10.5 0.0 32.6

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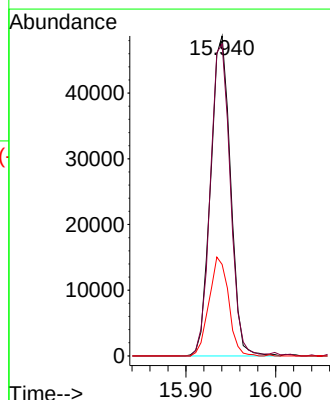
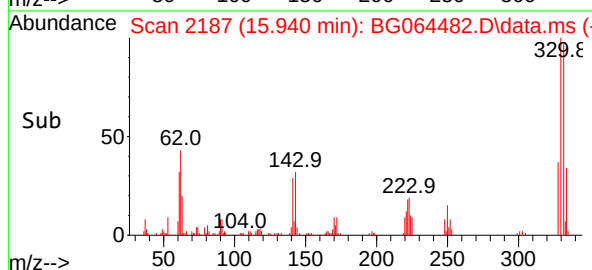
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

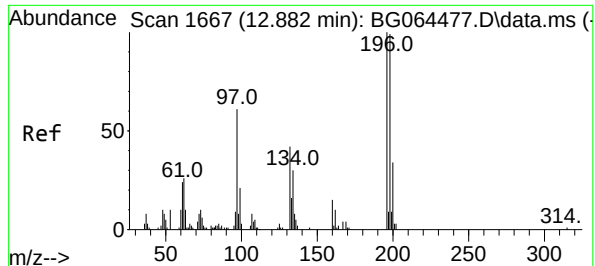


#42
2,4,6-Tribromophenol
Concen: 76.705 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion: 330 Resp: 74669
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 30.4 25.8 38.6





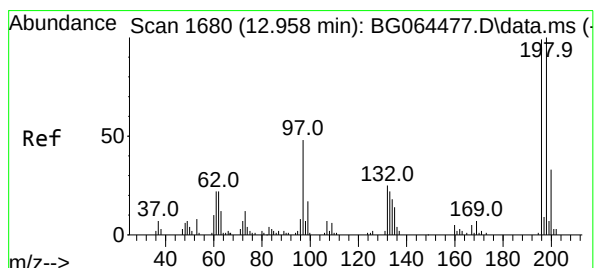
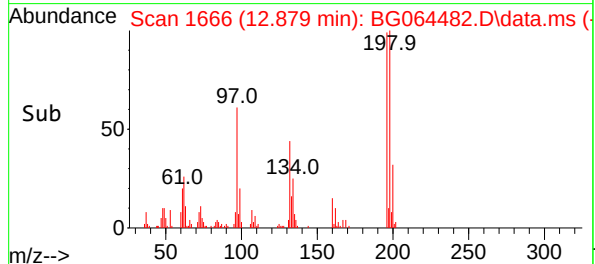
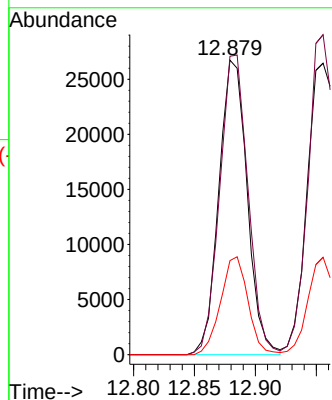
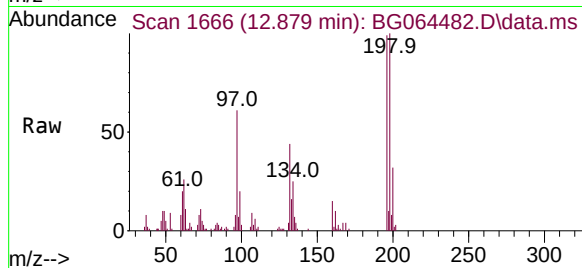
#43
2,4,6-Trichlorophenol
Concen: 39.030 ng
RT: 12.879 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:196 Resp: 43264
Ion Ratio Lower Upper
196 100
198 101.3 79.3 118.9
200 31.9 27.4 41.2

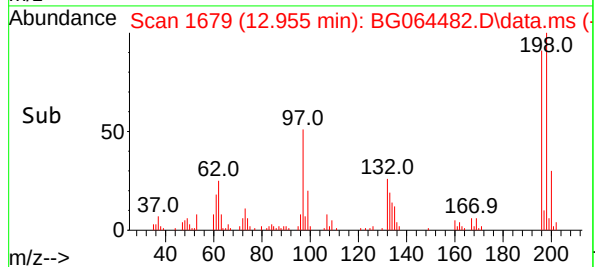
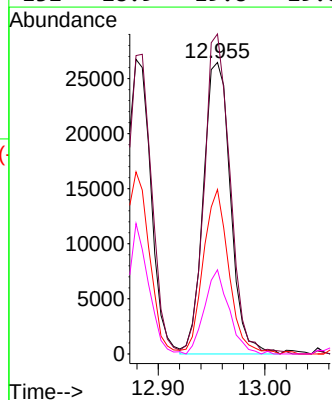
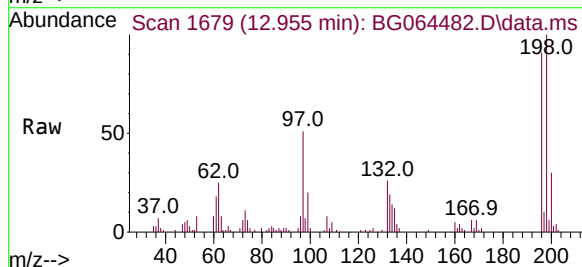
Manual Integrations
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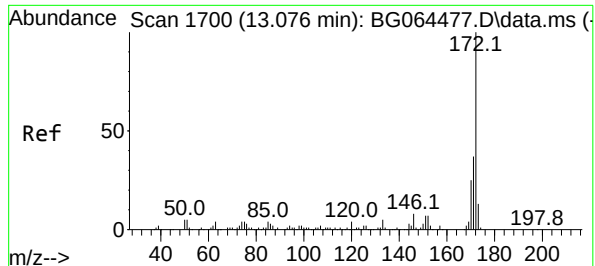
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 37.827 ng
RT: 12.955 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:196 Resp: 46812
Ion Ratio Lower Upper
196 100
198 109.8 80.3 120.5
97 56.4 39.4 59.0
132 28.9 19.8 29.8





#45

2-Fluorobiphenyl

Concen: 74.539 ng

RT: 13.073 min Scan# 1699

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:172 Resp: 271576

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

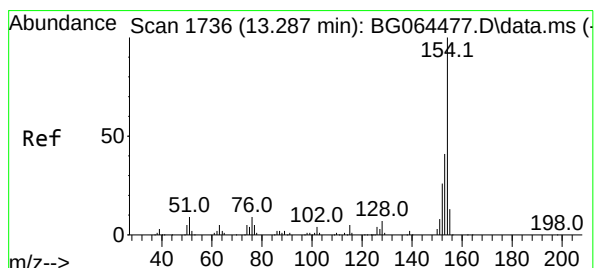
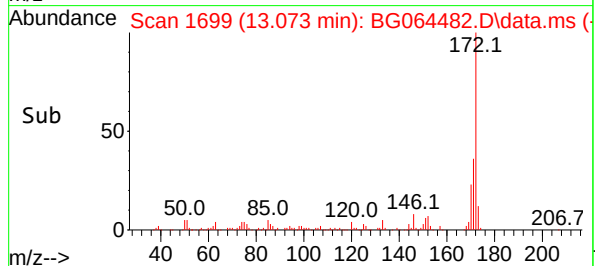
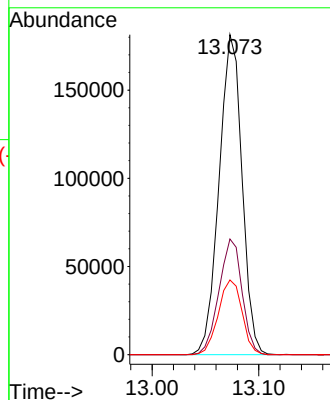
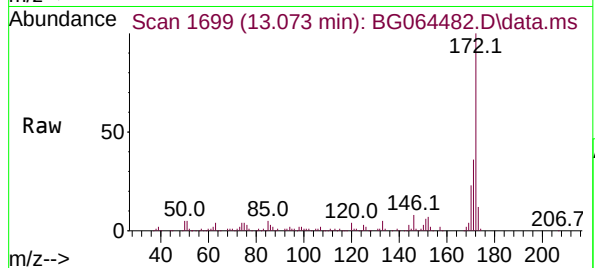
170 23.4 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#46

1,1'-Biphenyl

Concen: 38.735 ng

RT: 13.285 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

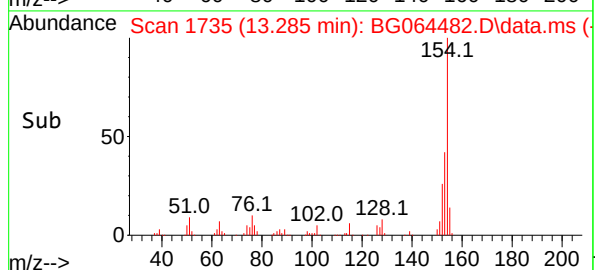
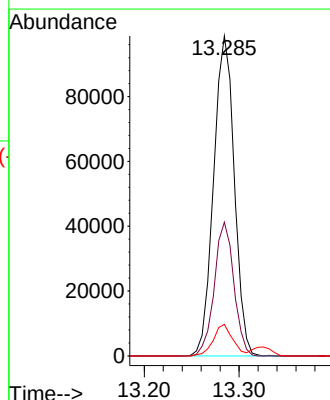
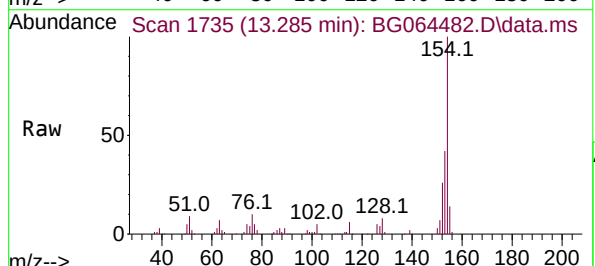
Tgt Ion:154 Resp: 149616

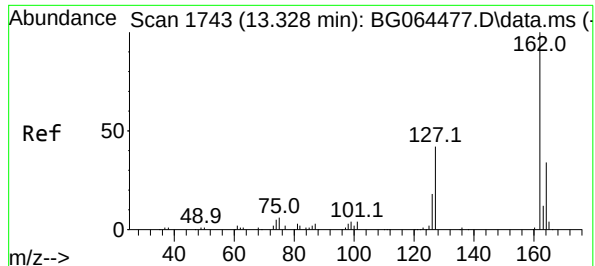
Ion Ratio Lower Upper

154 100

153 41.8 20.7 60.7

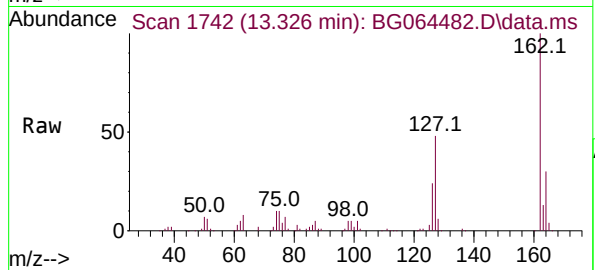
76 9.8 0.0 29.3





#47
2-Chloronaphthalene
Concen: 37.716 ng
RT: 13.326 min Scan# 1743
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

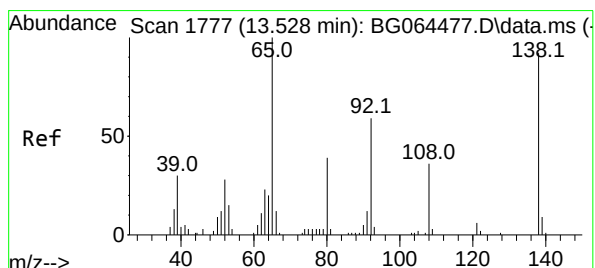
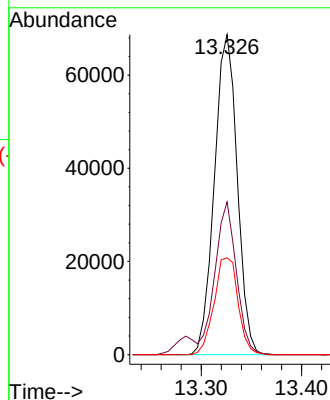
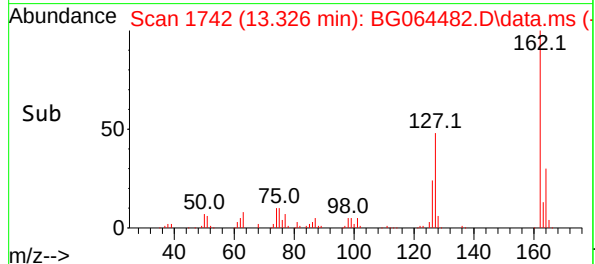
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:162 Resp: 108769
Ion Ratio Lower Upper
162 100
127 47.7 35.8 53.8
164 30.2 27.2 40.8

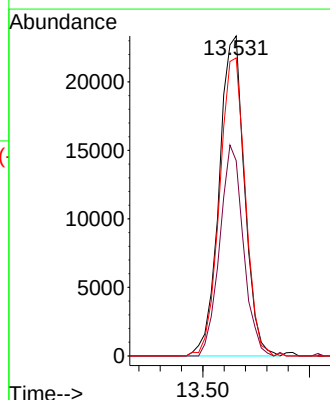
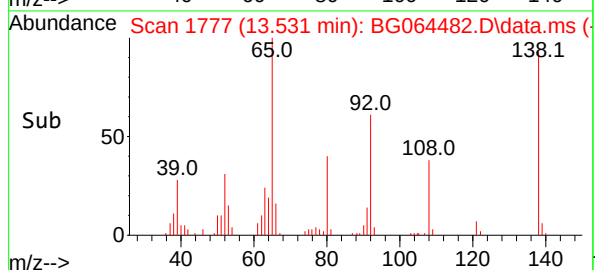
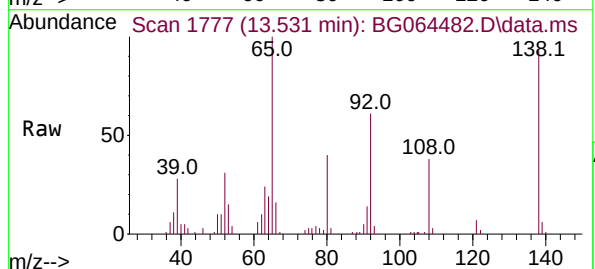
Manual Integrations
APPROVED

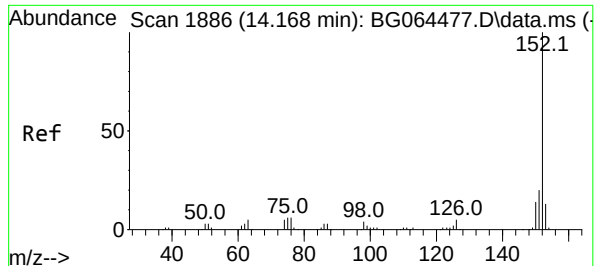
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 39.151 ng
RT: 13.531 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion: 65 Resp: 38535
Ion Ratio Lower Upper
65 100
92 61.0 47.0 70.6
138 93.2 73.5 110.3





#49

Acenaphthylene

Concen: 43.842 ng

RT: 14.172 min Scan# 1886

Delta R.T. -0.000 min

Lab File: BG064482.D

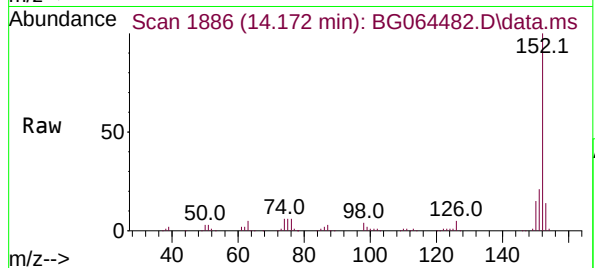
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



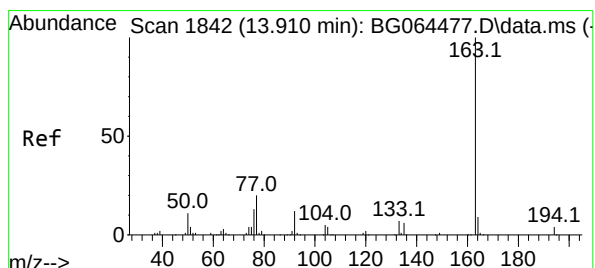
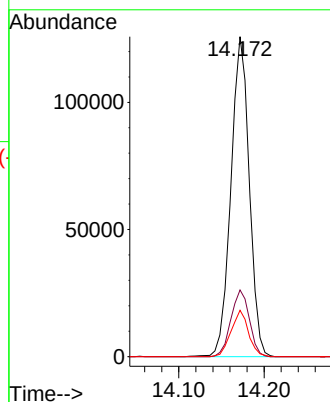
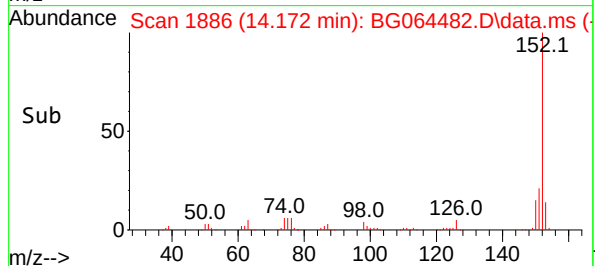
Tgt Ion:	152	Resp:	187686
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.6
153	14.5	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

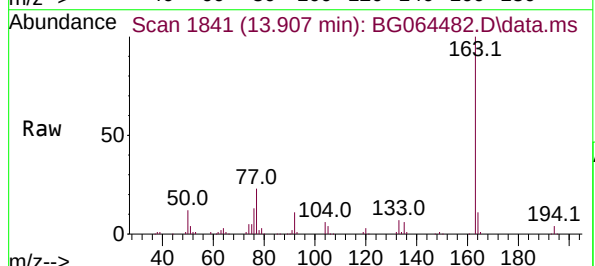
Concen: 37.903 ng

RT: 13.907 min Scan# 1841

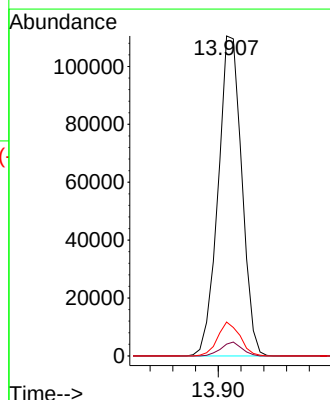
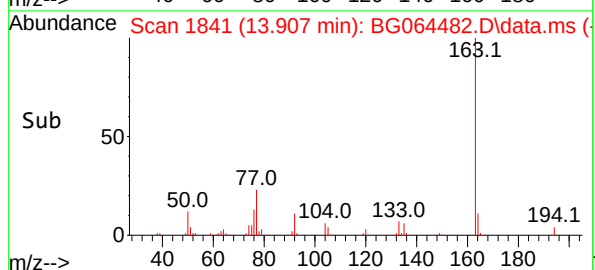
Delta R.T. 0.006 min

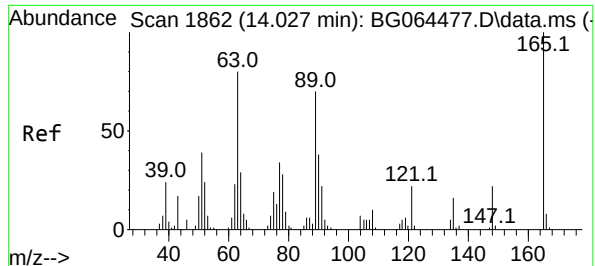
Lab File: BG064482.D

Acq: 2 Oct 2025 18:09



Tgt Ion:	163	Resp:	159424
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.6	7.4	11.0





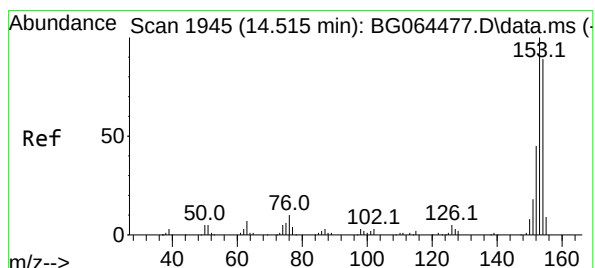
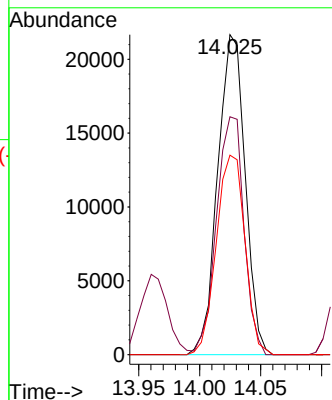
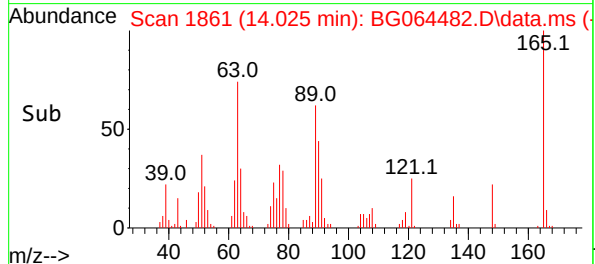
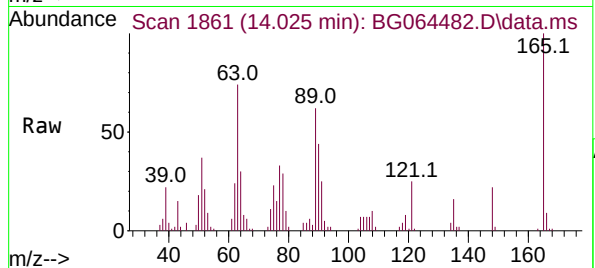
#51
2,6-Dinitrotoluene
Concen: 38.742 ng
RT: 14.025 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:165 Resp: 33945
Ion Ratio Lower Upper
165 100
63 74.3 63.9 95.9
89 62.3 56.1 84.1

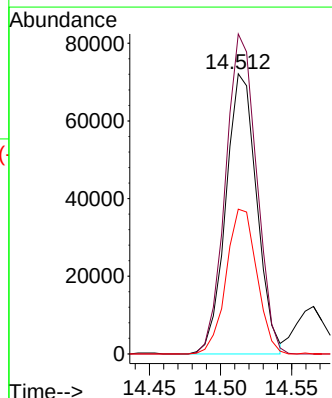
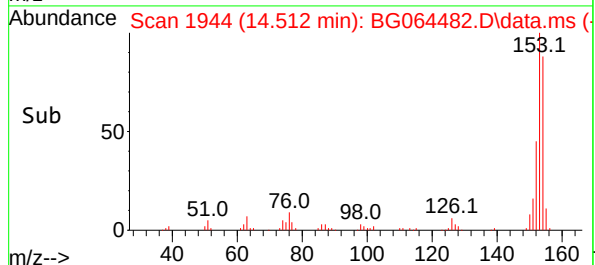
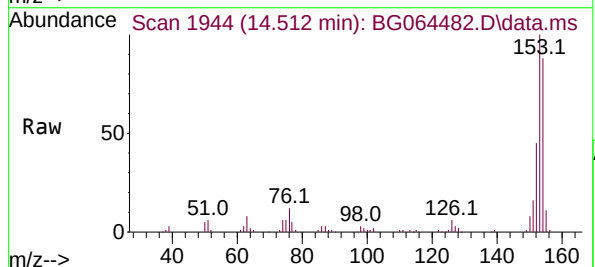
Manual Integrations
APPROVED

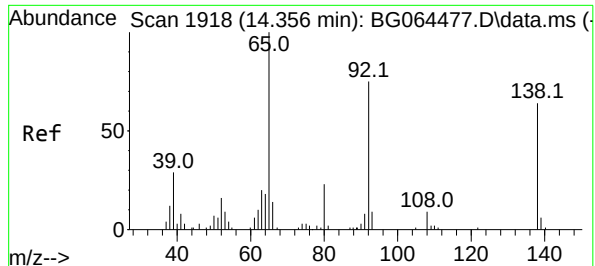
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 36.666 ng
RT: 14.512 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:154 Resp: 109054
Ion Ratio Lower Upper
154 100
153 114.2 90.2 135.4
152 51.7 40.2 60.4





#53

3-Nitroaniline

Concen: 40.727 ng

RT: 14.354 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BG064482.D

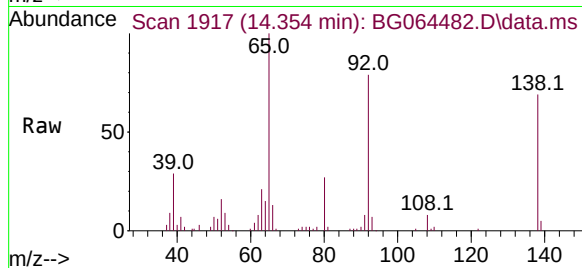
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



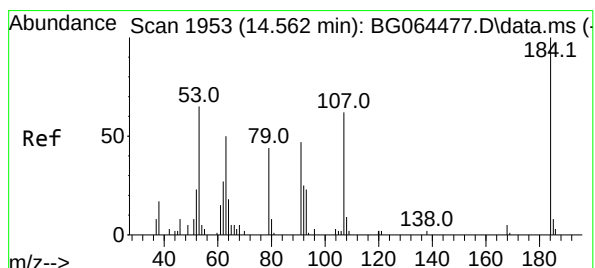
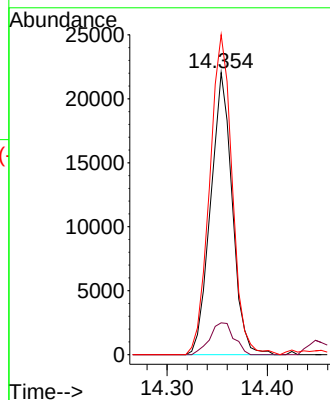
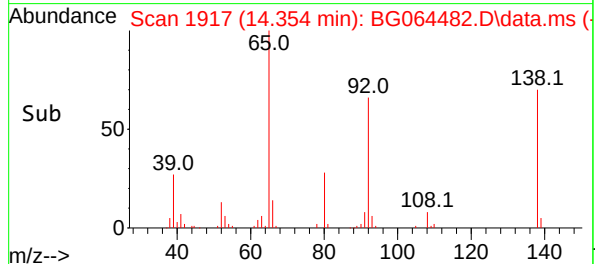
Tgt Ion:	138	Resp:	32910
Ion Ratio	Lower	Upper	
138	100		
108	11.2	10.6	15.8
92	113.5	93.2	139.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#54

2,4-Dinitrophenol

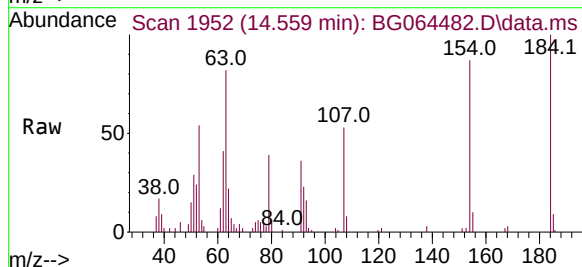
Concen: 33.540 ng

RT: 14.559 min Scan# 1952

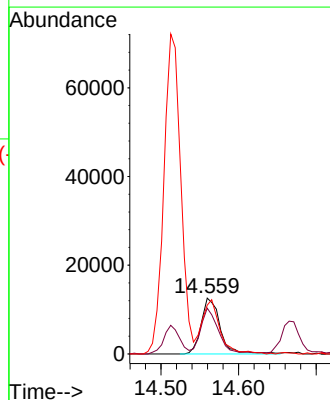
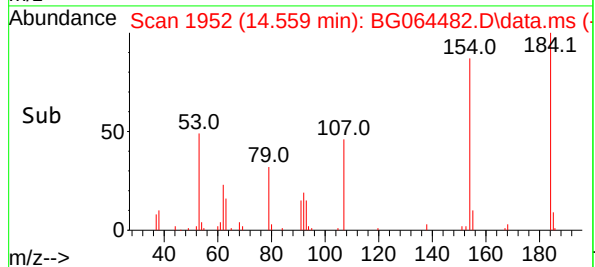
Delta R.T. -0.006 min

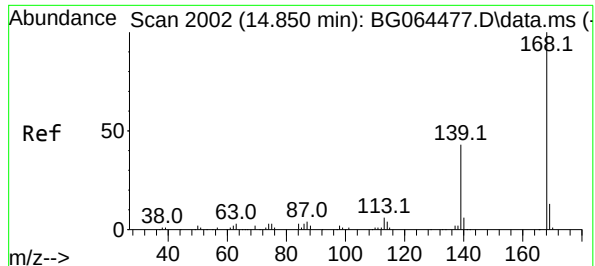
Lab File: BG064482.D

Acq: 2 Oct 2025 18:09



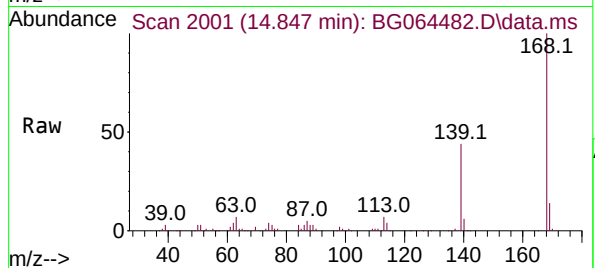
Tgt Ion:	184	Resp:	21309
Ion Ratio	Lower	Upper	
184	100		
63	82.0	69.0	103.4
154	87.3	95.6	143.4#





#55
Dibenzenofuran
Concen: 38.141 ng
RT: 14.847 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

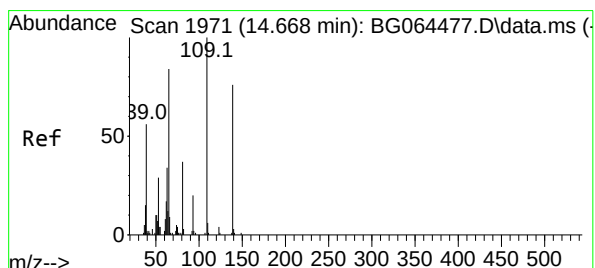
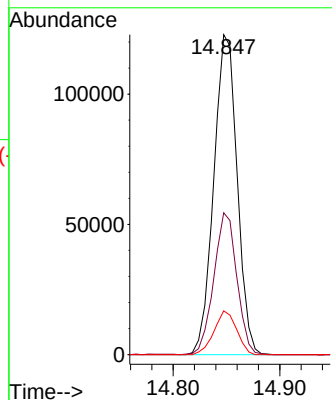
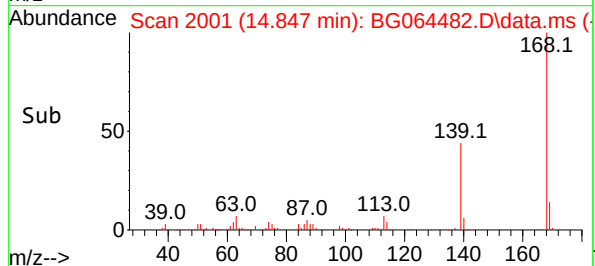
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:168 Resp: 18730
Ion Ratio Lower Upper
168 100
139 44.3 34.0 51.0
169 13.7 10.2 15.2

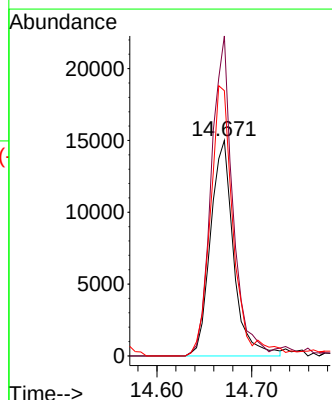
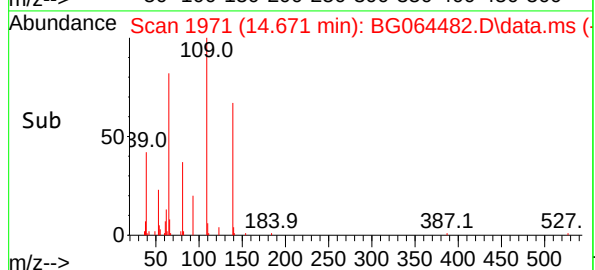
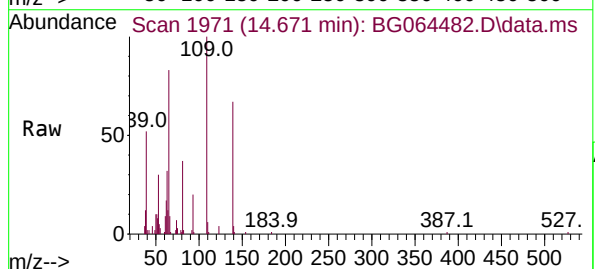
Manual Integrations
APPROVED

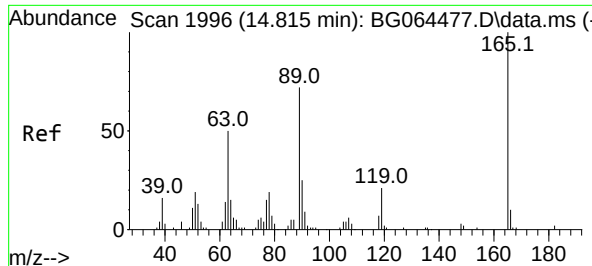
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 39.712 ng
RT: 14.671 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:139 Resp: 25265
Ion Ratio Lower Upper
139 100
109 148.6 111.8 151.8
65 123.1 91.1 131.1





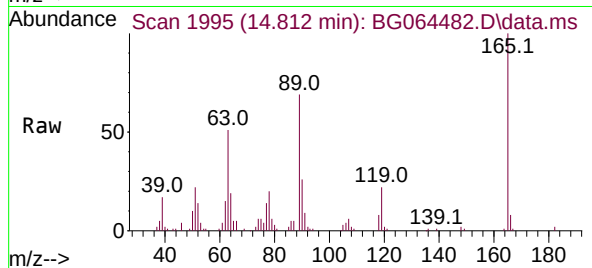
#57
2,4-Dinitrotoluene
Concen: 39.388 ng
RT: 14.812 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

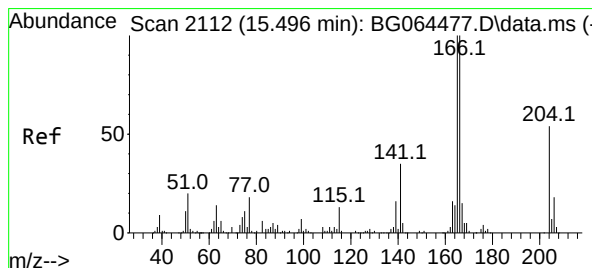
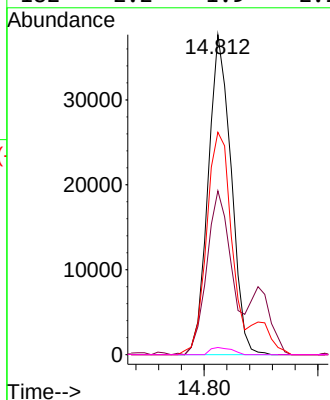
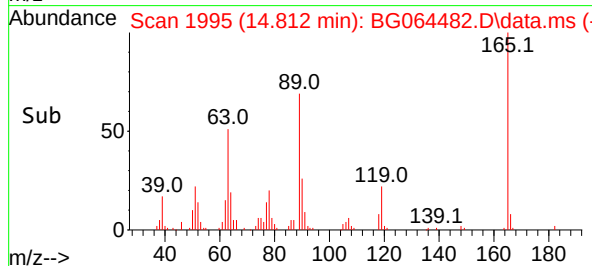
ICVBG100225



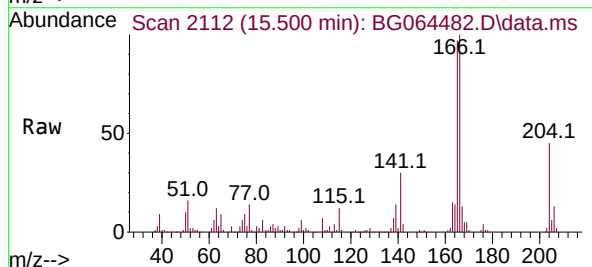
Tgt Ion:165 Resp: 52752
Ion Ratio Lower Upper
165 100
63 51.2 40.4 60.6
89 69.5 57.3 85.9
182 2.2 1.9 2.9

Manual Integrations
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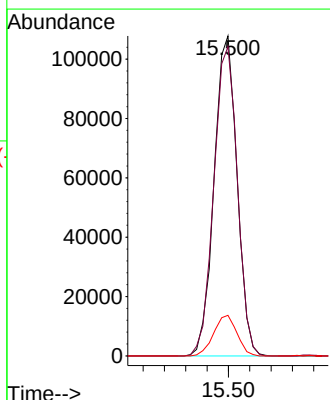
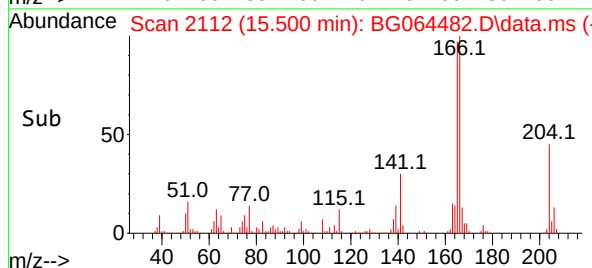
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

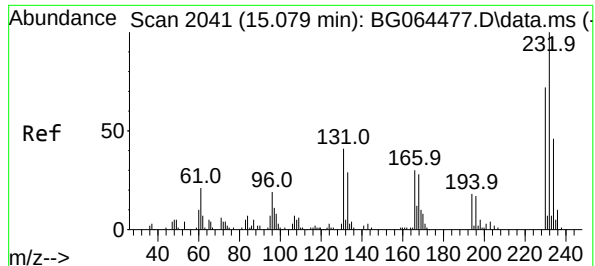


#58
Fluorene
Concen: 39.456 ng
RT: 15.500 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



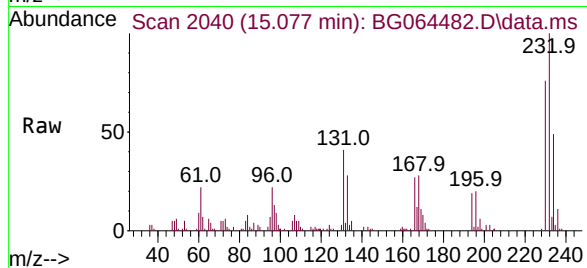
Tgt Ion:166 Resp: 161086
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.6
167 12.7 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.021 ng
RT: 15.077 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

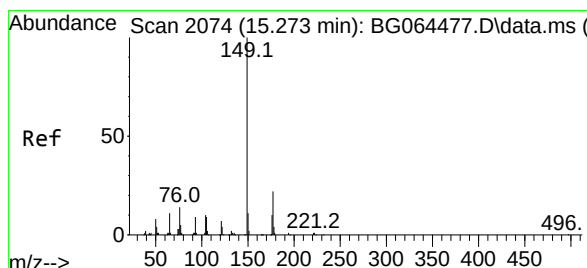
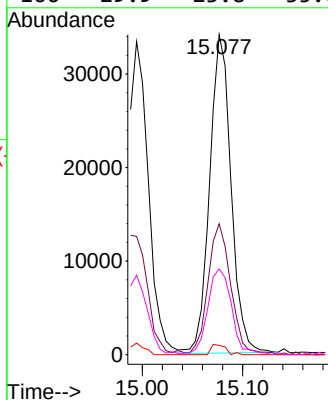
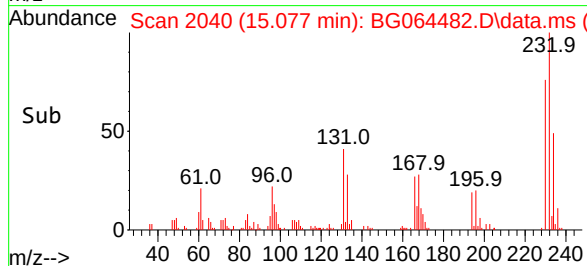
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:232 Resp: 50545
Ion Ratio Lower Upper
232 100
131 43.8 35.0 52.4
130 2.2 2.0 3.0
166 29.9 23.8 35.6

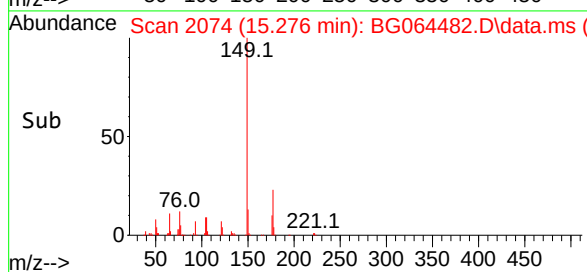
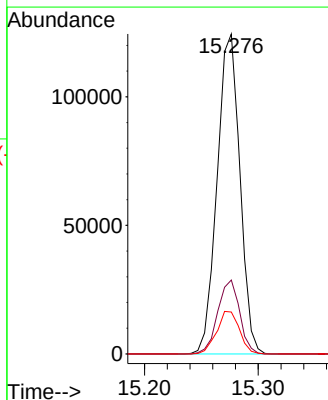
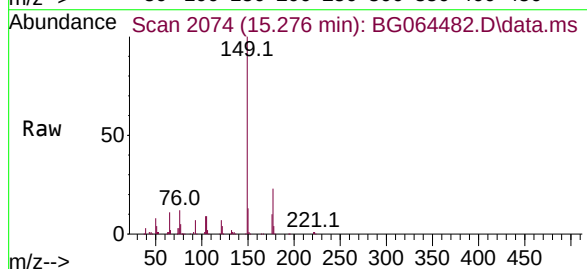
Manual Integrations
APPROVED

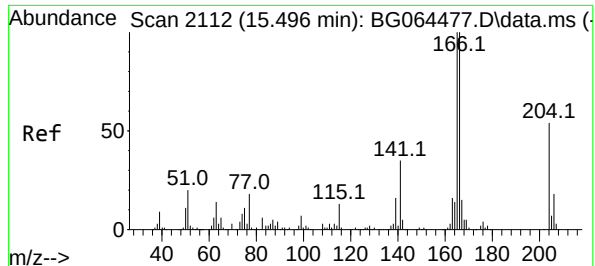
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#60
Diethylphthalate
Concen: 38.317 ng
RT: 15.276 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 172891
Ion Ratio Lower Upper
149 100
177 23.1 17.4 26.0
150 13.1 9.1 13.7





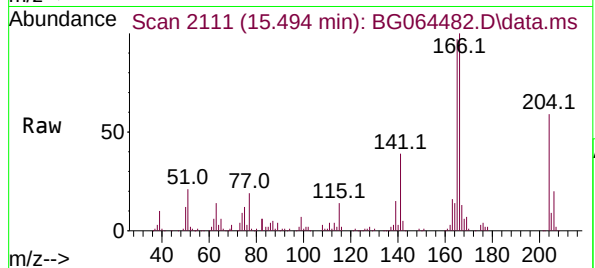
#61
4-Chlorophenyl-phenylether
Concen: 36.432 ng
RT: 15.494 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

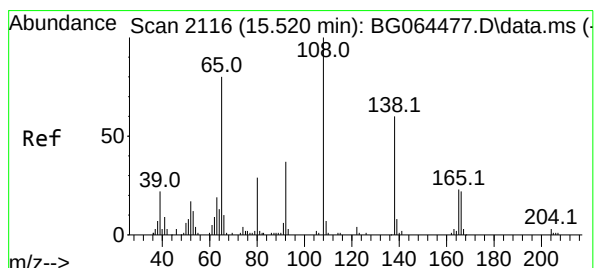
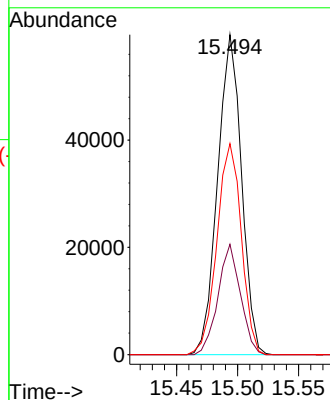
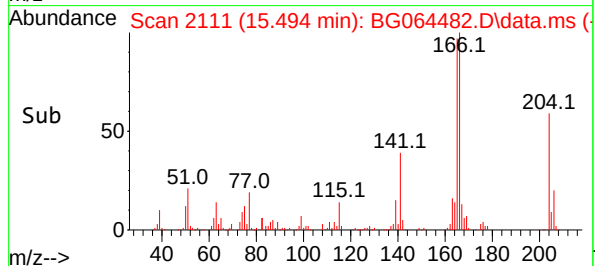
ICVBG100225



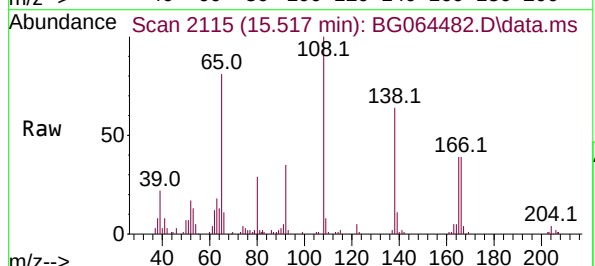
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.1	40.7
141	65.9	51.5	77.3

Manual Integrations
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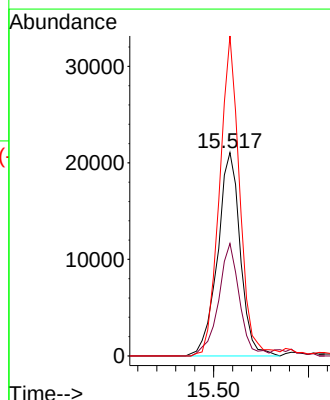
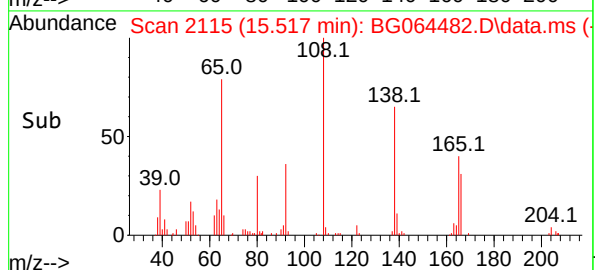
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

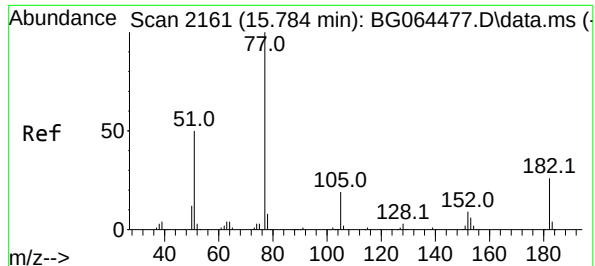


#62
4-Nitroaniline
Concen: 41.435 ng
RT: 15.517 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



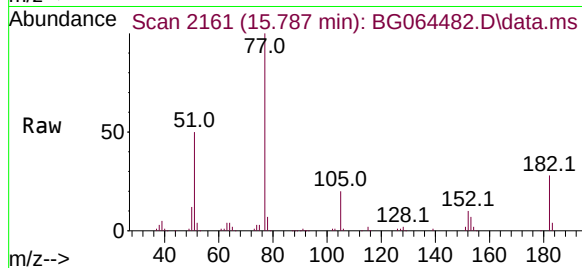
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	42.3	82.3
108	157.4	147.7	187.7





#63
Azobenzene
Concen: 38.553 ng
RT: 15.787 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

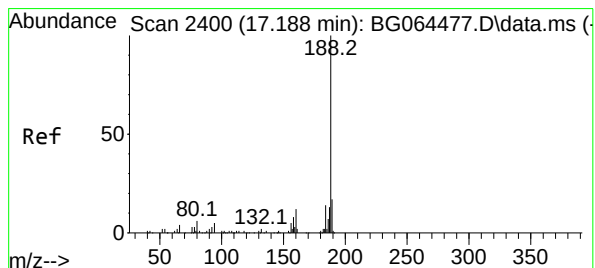
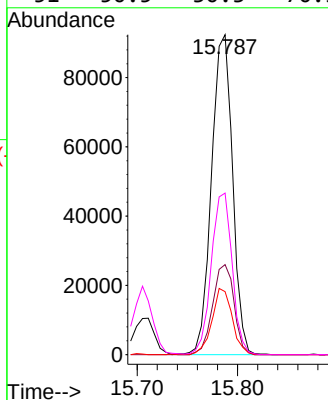
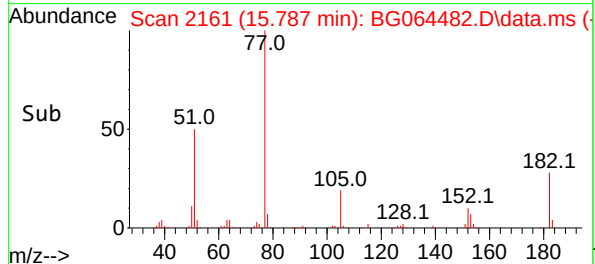
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion: 77 Resp: 134722
Ion Ratio Lower Upper
77 100
182 28.1 6.3 46.3
105 19.7 0.0 38.7
51 50.5 30.3 70.3

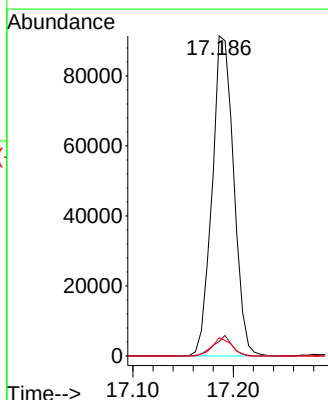
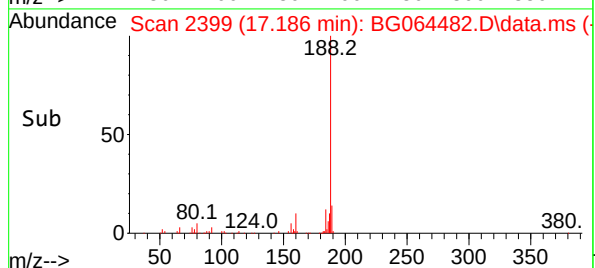
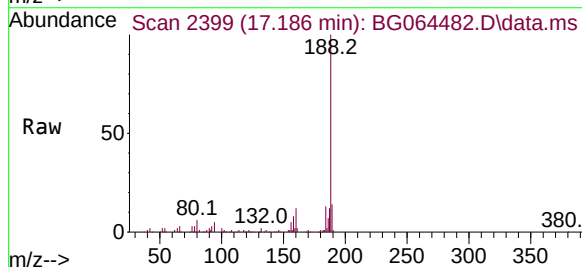
Manual Integrations
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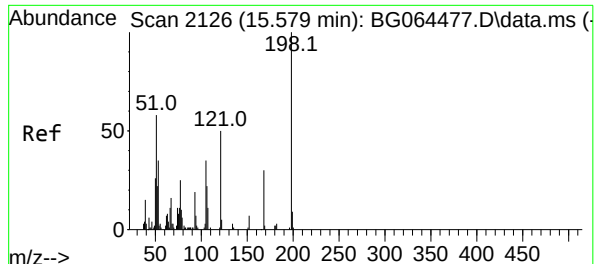
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:188 Resp: 136982
Ion Ratio Lower Upper
188 100
94 4.5 3.7 5.5
80 5.7 4.5 6.7





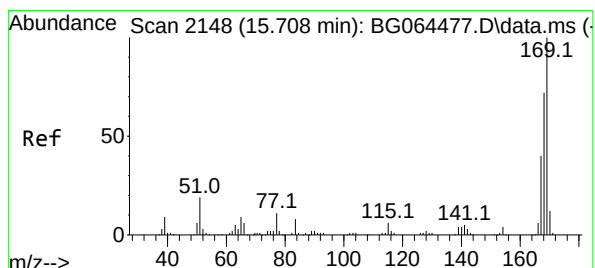
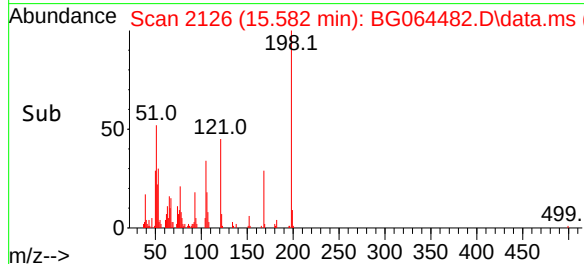
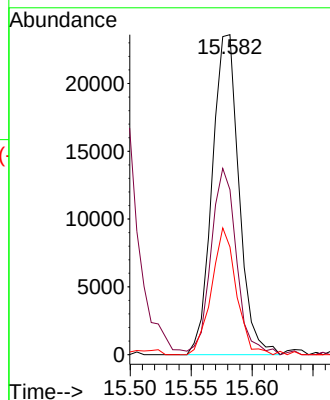
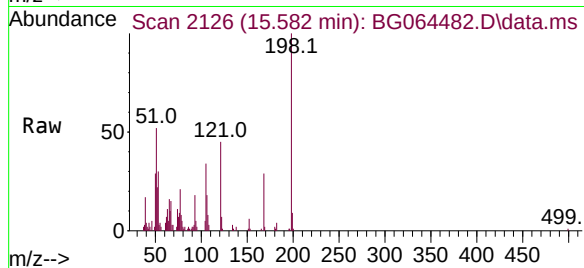
#65
4,6-Dinitro-2-methylphenol
Concen: 37.834 ng
RT: 15.582 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Tgt Ion:198 Resp: 36085
Ion Ratio Lower Upper
198 100
51 51.5 39.0 79.0
105 33.6 15.8 55.8

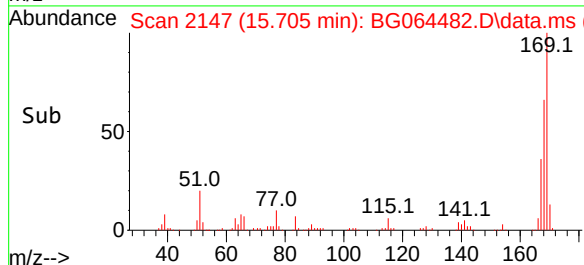
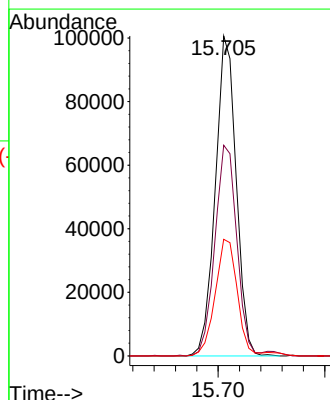
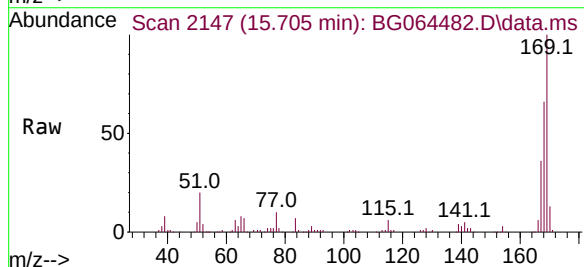
Manual Integrations
APPROVED

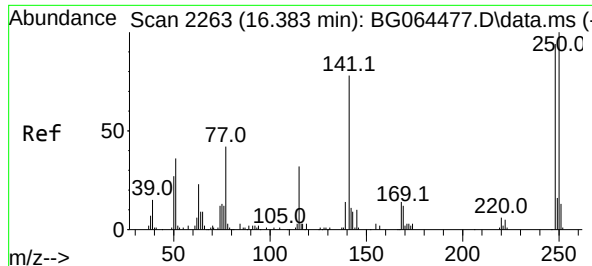
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 37.465 ng
RT: 15.705 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

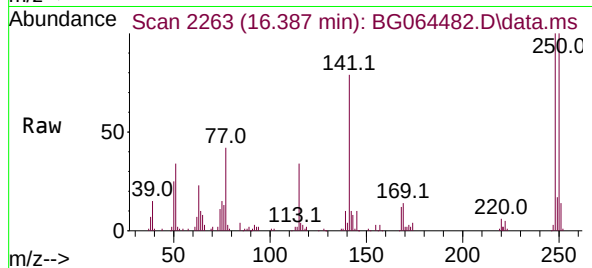
Tgt Ion:169 Resp: 137047
Ion Ratio Lower Upper
169 100
168 65.8 57.8 86.6
167 36.4 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 36.819 ng
RT: 16.387 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

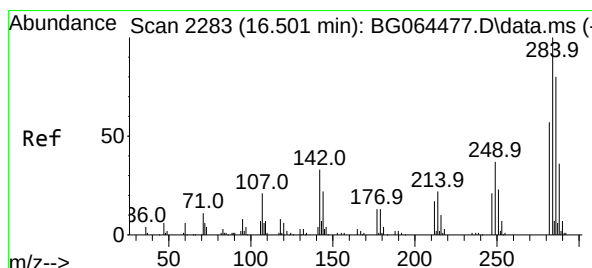
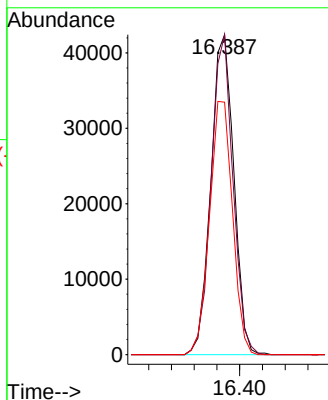
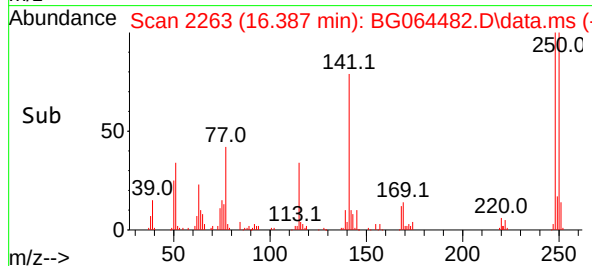
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



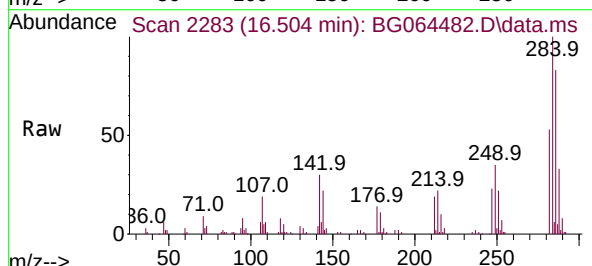
Tgt Ion:248 Resp: 5935
Ion Ratio Lower Upper
248 100
250 100.0 85.3 127.9
141 78.9 66.2 99.2

Manual Integrations
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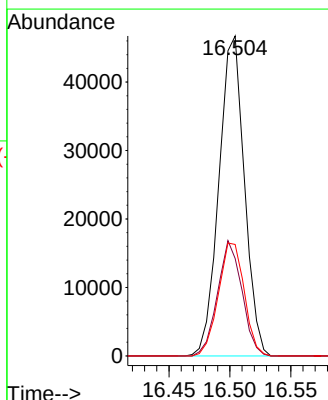
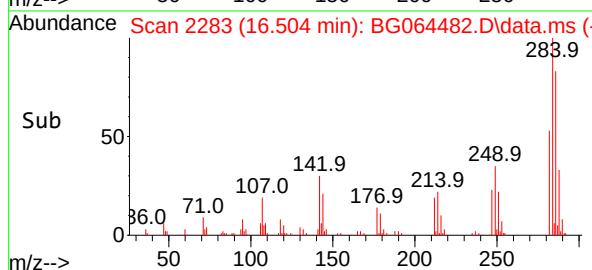
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

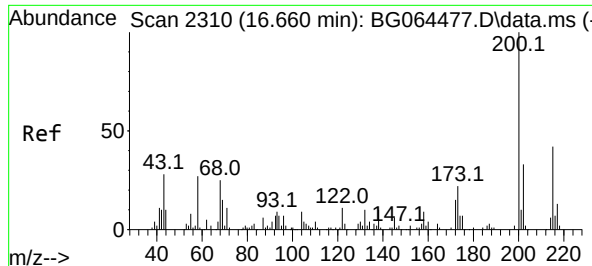


#68
Hexachlorobenzene
Concen: 36.821 ng
RT: 16.504 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09



Tgt Ion:284 Resp: 67918
Ion Ratio Lower Upper
284 100
142 30.4 26.2 39.2
249 34.8 29.4 44.0





#69

Atrazine

Concen: 42.076 ng

RT: 16.657 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:200 Resp: 68476

Ion Ratio Lower Upper

200 100

173 23.5 2.5 42.5

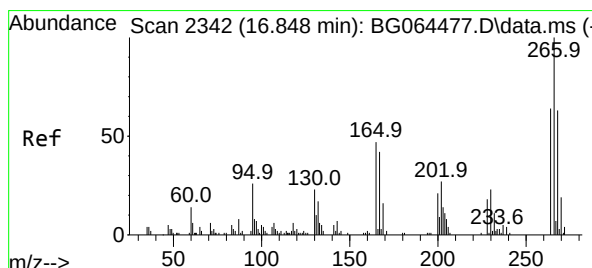
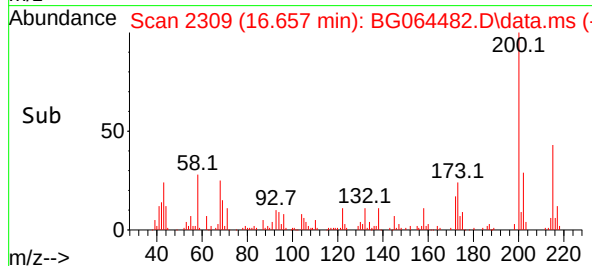
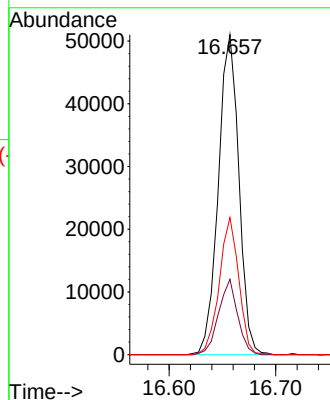
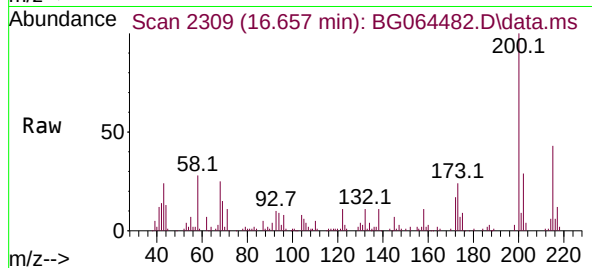
215 42.8 21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 36.025 ng

RT: 16.845 min Scan# 2341

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

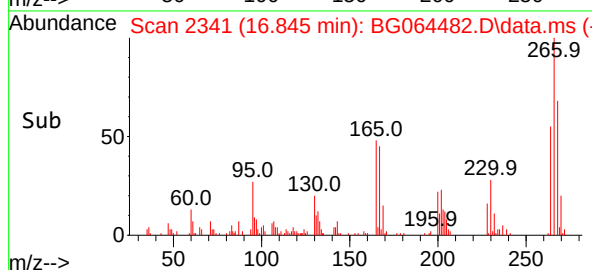
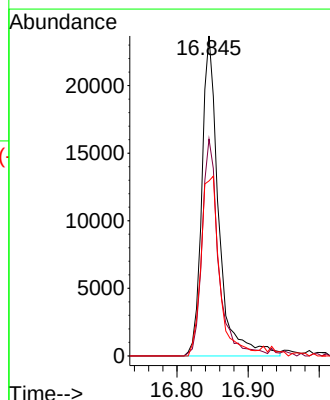
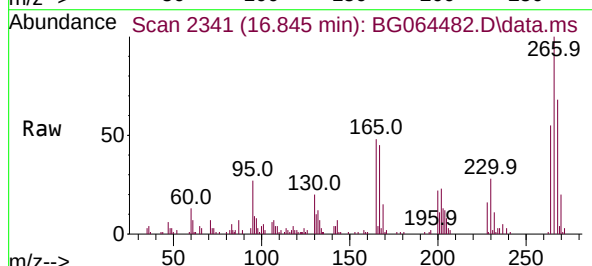
Tgt Ion:266 Resp: 38853

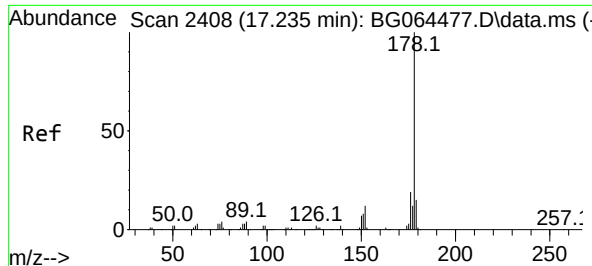
Ion Ratio Lower Upper

266 100

268 67.8 50.6 75.8

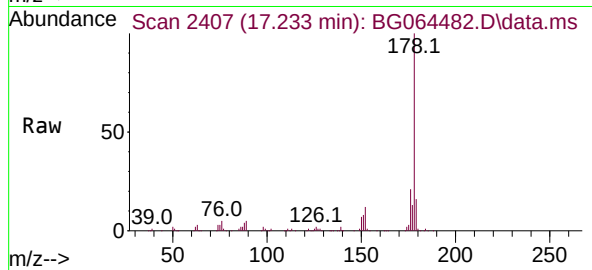
264 54.7 51.2 76.8





#71
Phenanthrene
Concen: 37.108 ng
RT: 17.233 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

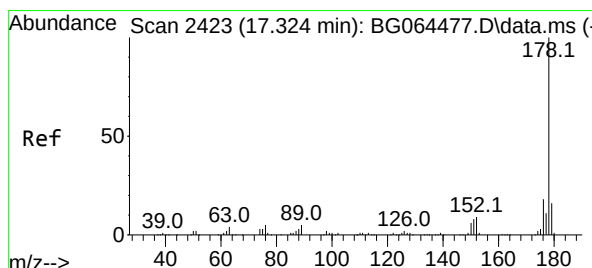
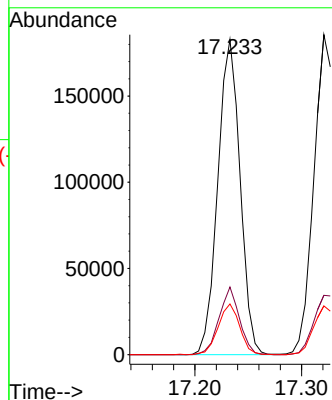
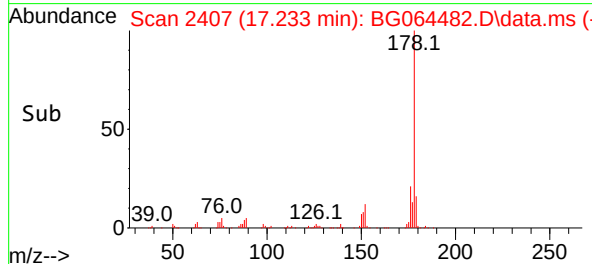
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:178 Resp: 265823
Ion Ratio Lower Upper
178 100
176 21.5 15.2 22.8
179 16.0 11.8 17.6

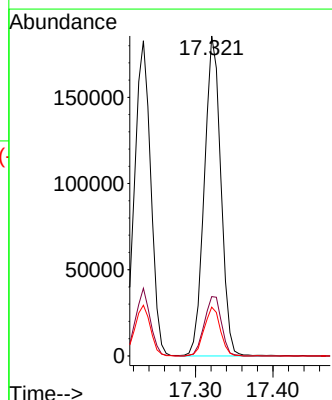
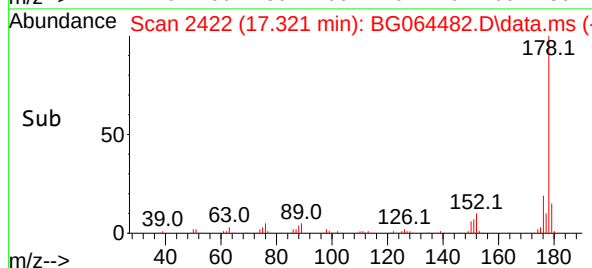
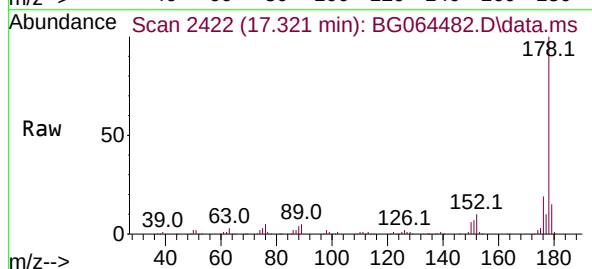
Manual Integrations
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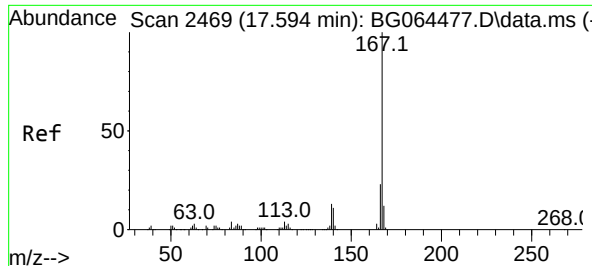
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 38.159 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

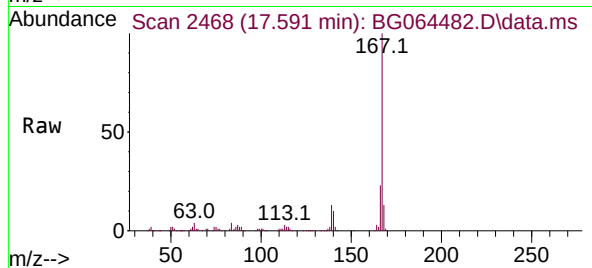
Tgt Ion:178 Resp: 274231
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.5 18.7





#73
Carbazole
Concen: 39.673 ng
RT: 17.591 min Scan# 2468
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

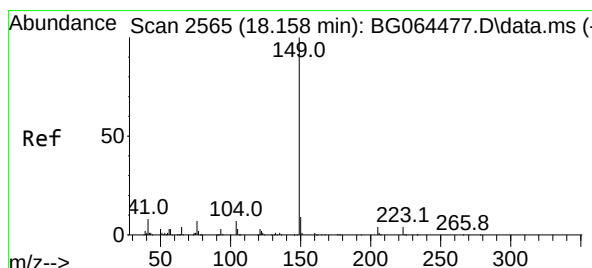
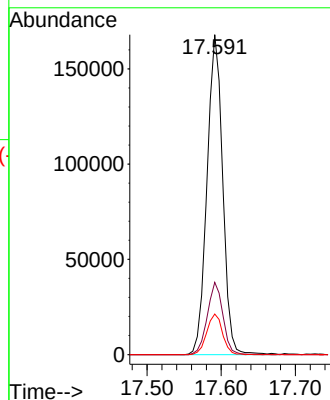
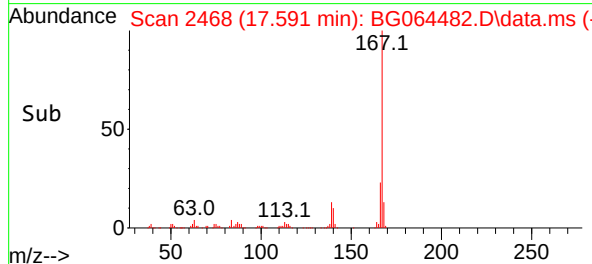
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:167 Resp: 246445
Ion Ratio Lower Upper
167 100
166 22.6 18.6 27.8
139 12.7 10.2 15.4

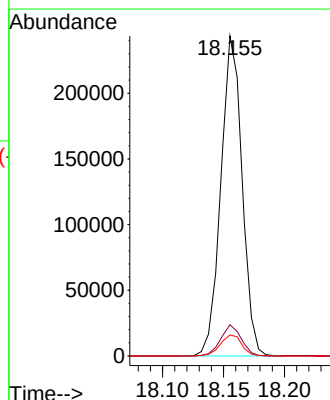
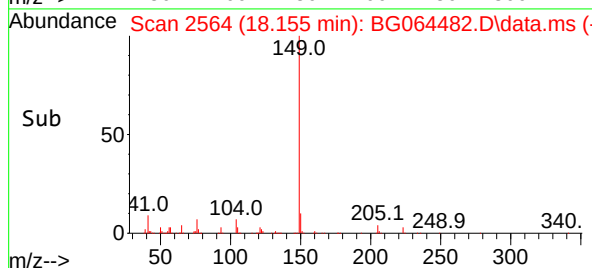
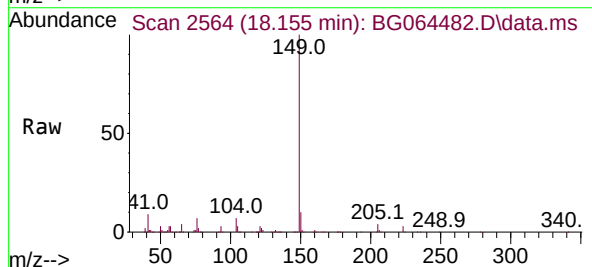
Manual Integrations
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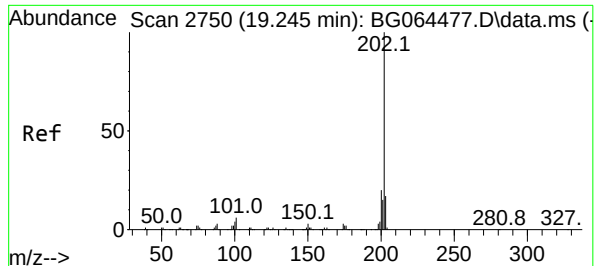
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 38.852 ng
RT: 18.155 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

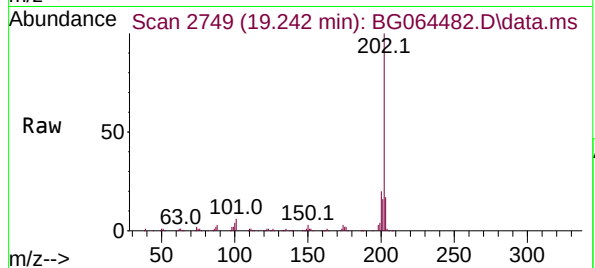
Tgt Ion:149 Resp: 294614
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 6.5 5.3 7.9





#75
Fluoranthene
Concen: 38.739 ng
RT: 19.242 min Scan# 2750
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

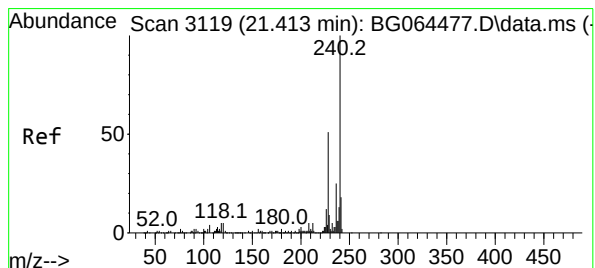
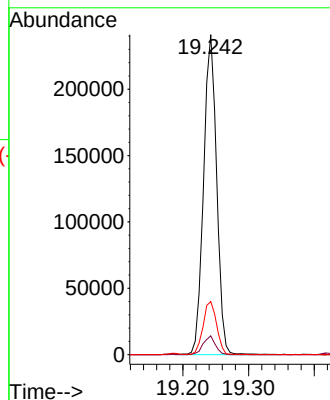
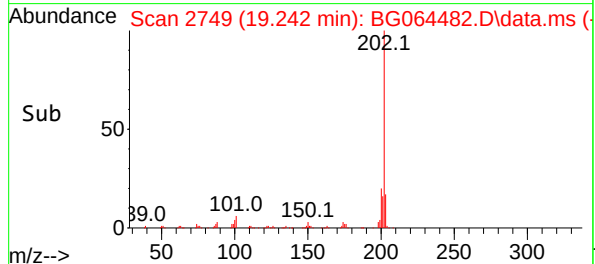
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:202 Resp: 331530
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.7
203 16.6 0.0 36.6

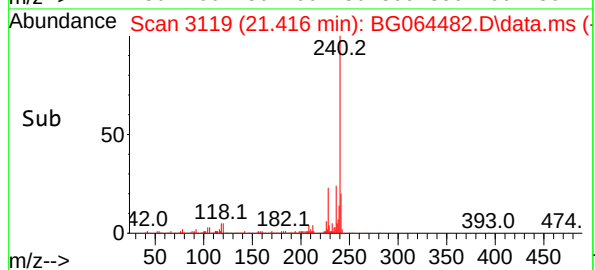
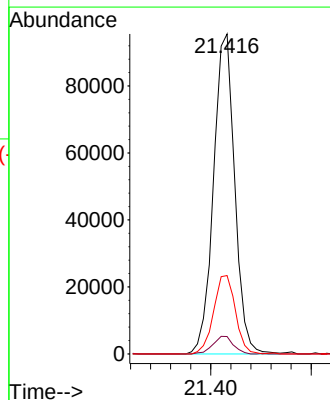
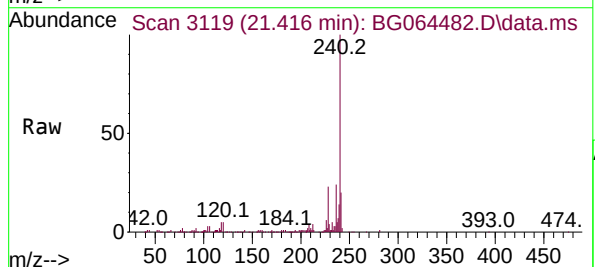
Manual Integrations
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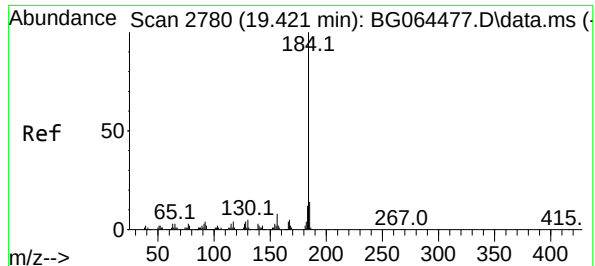
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

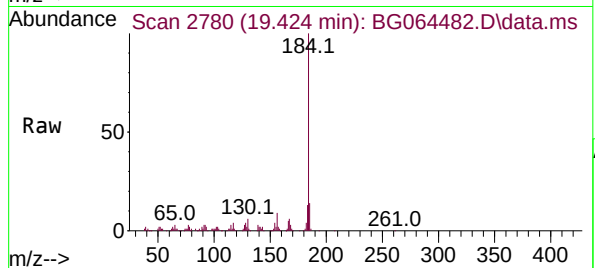
Tgt Ion:240 Resp: 140392
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 24.5 20.4 30.6





#77
Benzidine
Concen: 43.772 ng
RT: 19.424 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

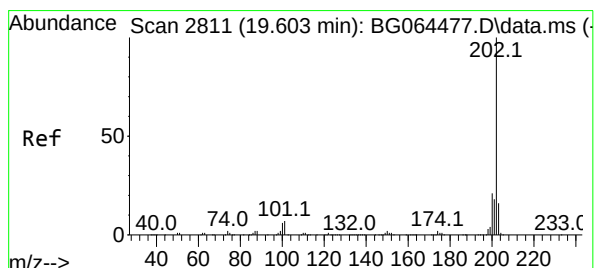
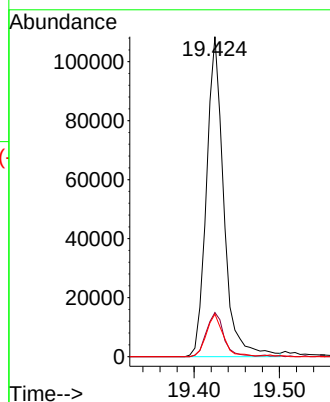
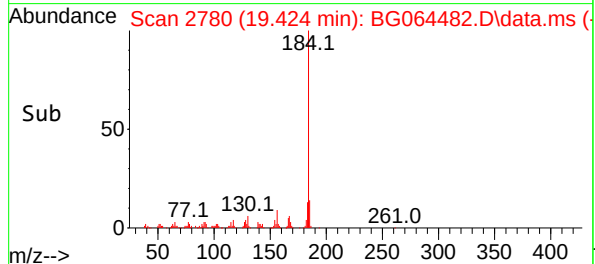
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:184 Resp: 152917
Ion Ratio Lower Upper
184 100
185 13.8 10.9 16.3
183 13.3 9.8 14.6

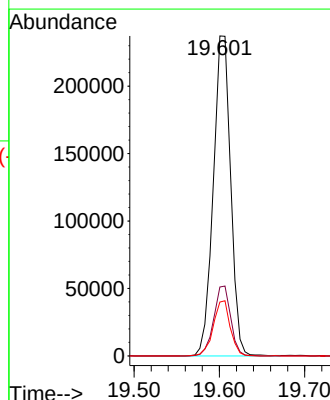
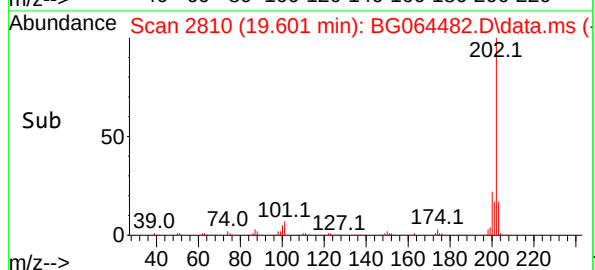
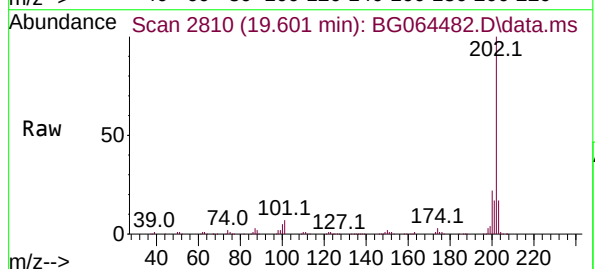
Manual Integrations
APPROVED

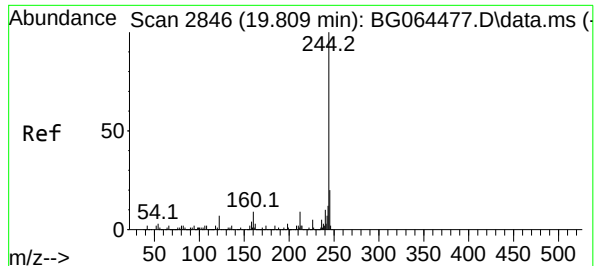
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 36.856 ng
RT: 19.601 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:202 Resp: 335798
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 16.8 13.0 19.4





#79

Terphenyl-d14

Concen: 76.071 ng

RT: 19.806 min Scan# 2846

Delta R.T. -0.000 min

Lab File: BG064482.D

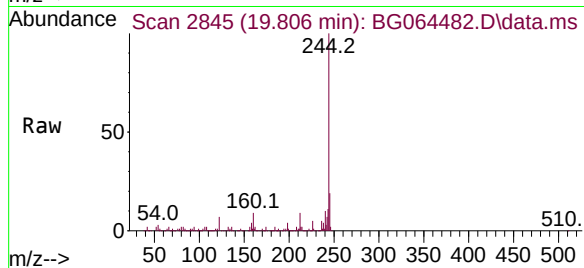
Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225



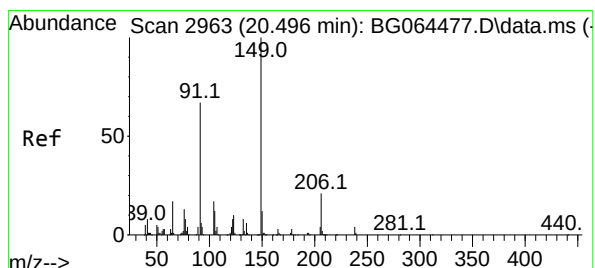
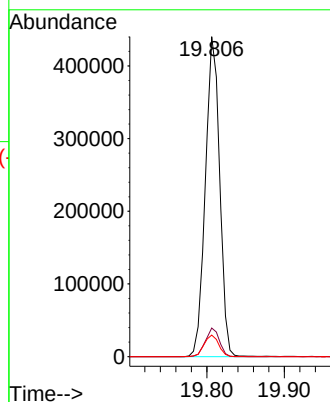
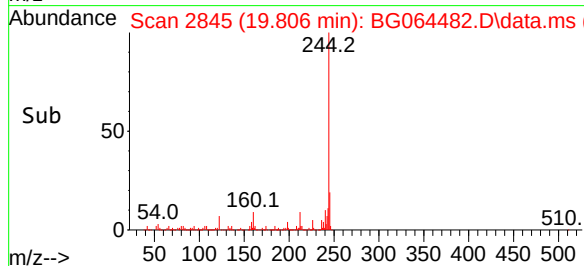
Tgt Ion:	244	Resp:	56432
Ion Ratio	Lower	Upper	
244	100		
212	8.9	7.0	10.6
122	6.7	5.6	8.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#80

Butylbenzylphthalate

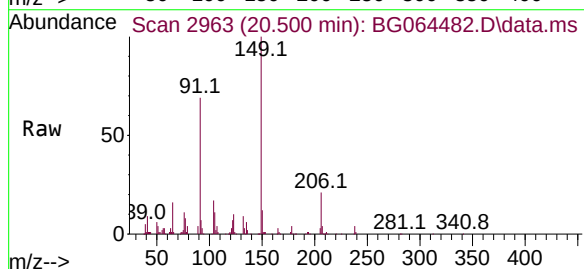
Concen: 37.565 ng

RT: 20.500 min Scan# 2963

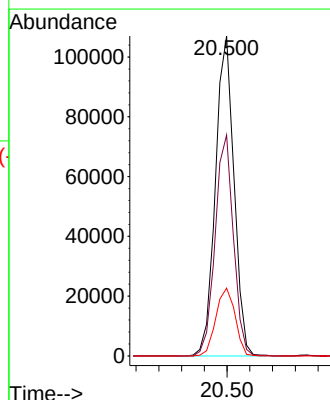
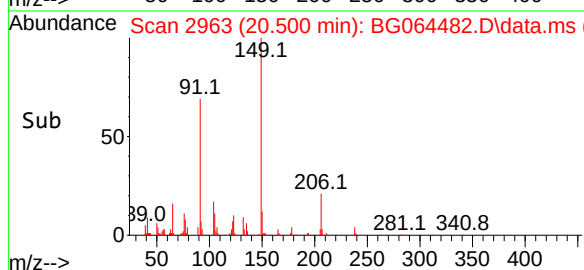
Delta R.T. -0.000 min

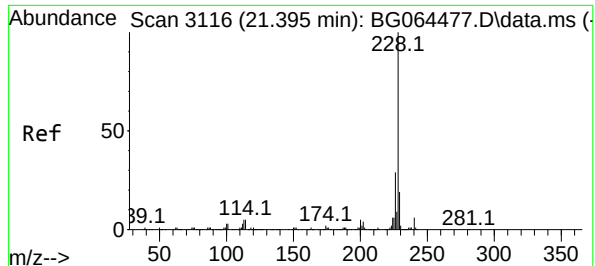
Lab File: BG064482.D

Acq: 2 Oct 2025 18:09



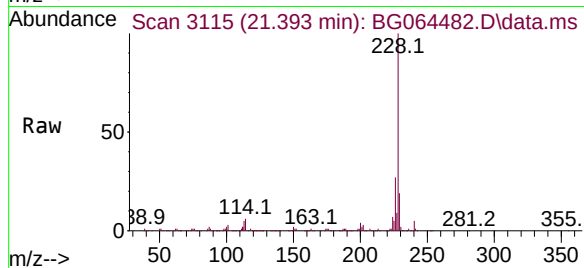
Tgt Ion:	149	Resp:	121325
Ion Ratio	Lower	Upper	
149	100		
91	69.0	53.7	80.5
206	21.2	16.6	24.8





#81
Benzo(a)anthracene
Concen: 37.867 ng
RT: 21.393 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

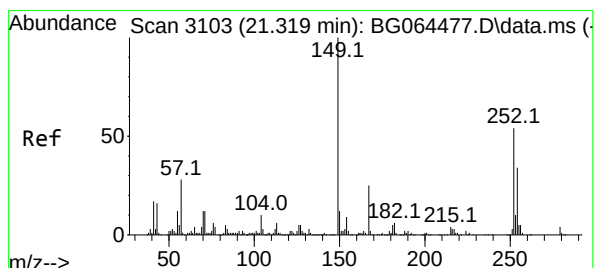
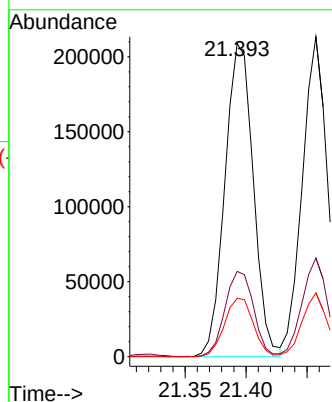
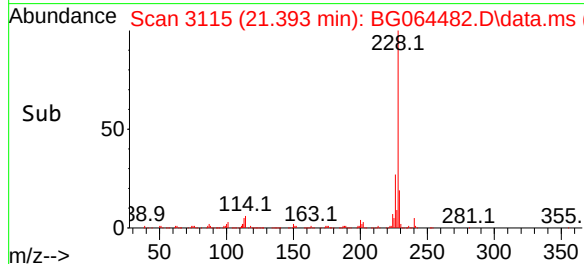
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:228 Resp: 33944
Ion Ratio Lower Upper
228 100
226 27.2 22.8 34.2
229 18.6 15.2 22.8

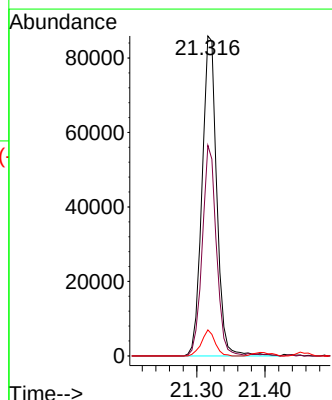
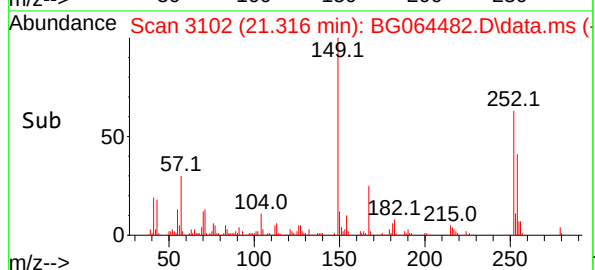
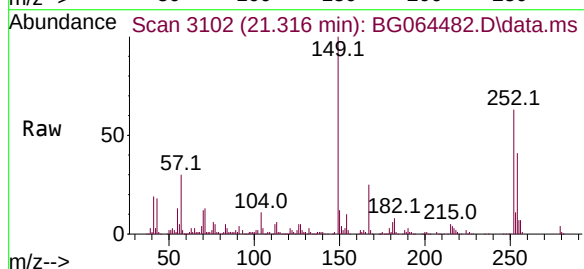
Manual Integrations
APPROVED

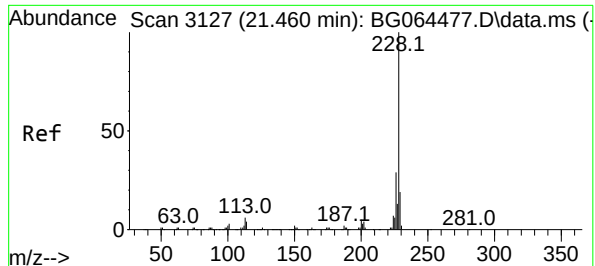
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.355 ng
RT: 21.316 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 128504
Ion Ratio Lower Upper
252 100
254 65.8 50.5 75.7
126 8.1 7.1 10.7





#83

Chrysene

Concen: 36.434 ng

RT: 21.457 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:228 Resp: 309731

Ion Ratio Lower Upper

228 100

226 30.8 22.8 34.2

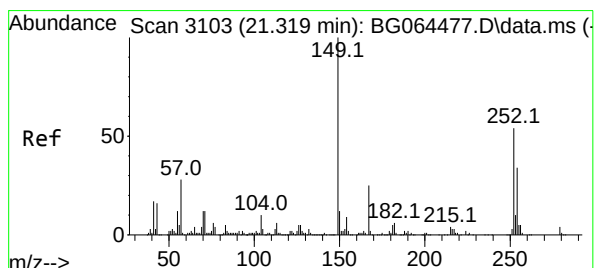
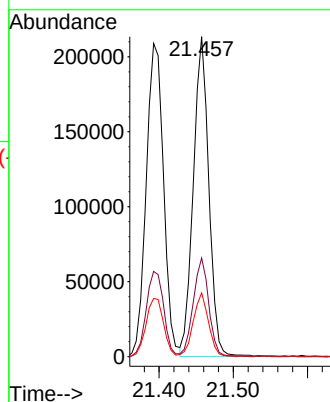
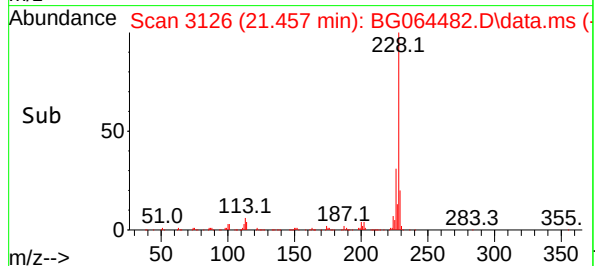
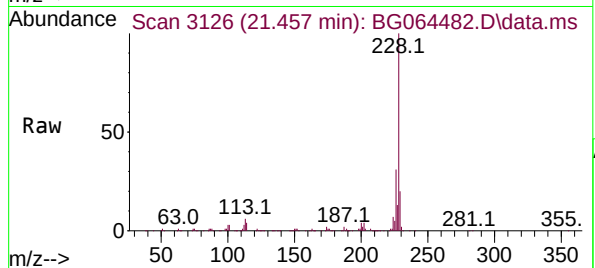
229 19.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.082 ng

RT: 21.316 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

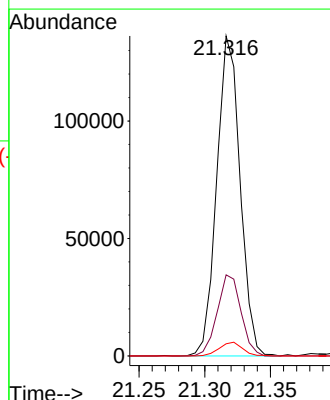
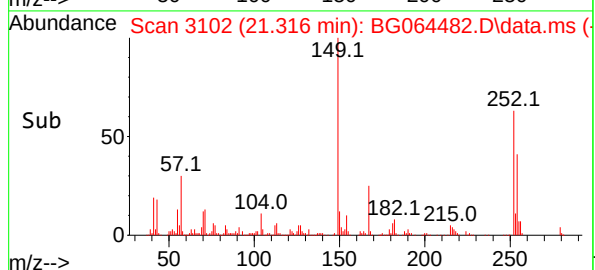
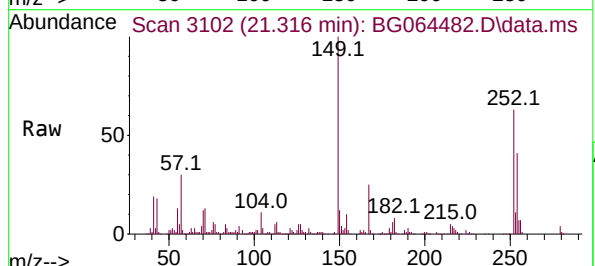
Tgt Ion:149 Resp: 168982

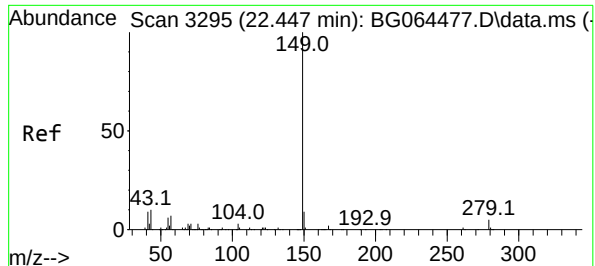
Ion Ratio Lower Upper

149 100

167 25.3 19.7 29.5

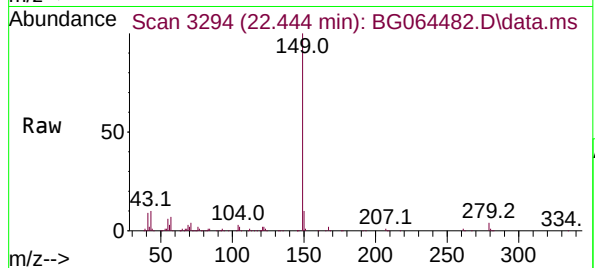
279 3.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 36.720 ng
RT: 22.444 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

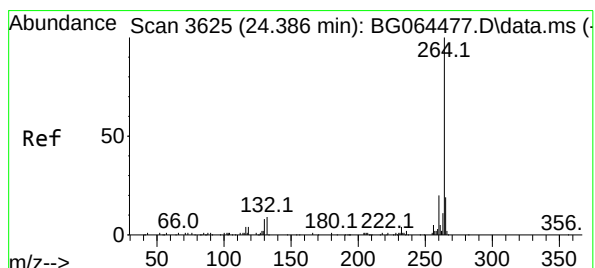
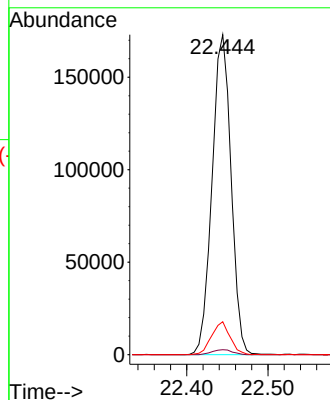
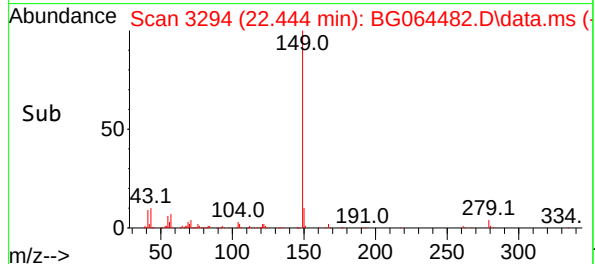
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:149 Resp: 281232
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 7.9 11.9

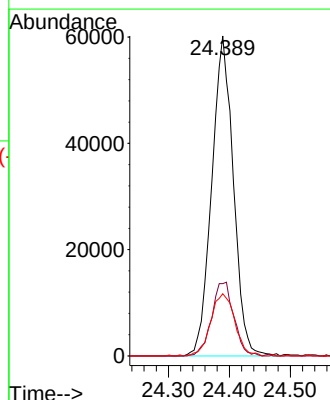
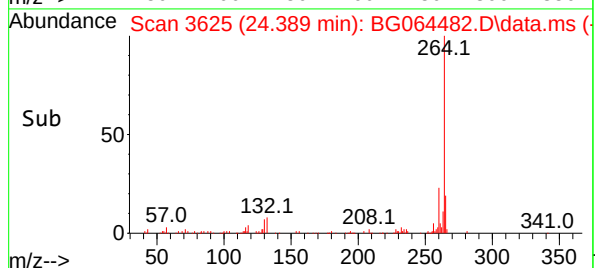
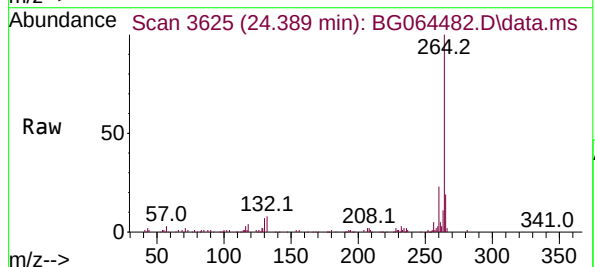
Manual Integrations
APPROVED

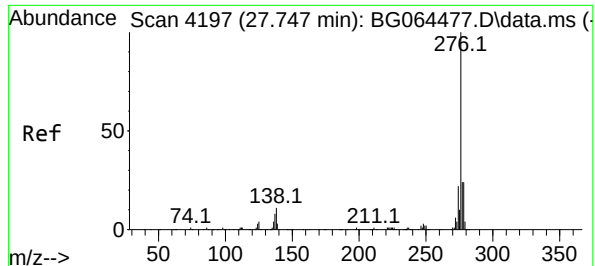
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3625
Delta R.T. -0.000 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:264 Resp: 148372
Ion Ratio Lower Upper
264 100
260 22.6 16.2 24.4
265 19.4 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.816 ng

RT: 27.738 min Scan# 4195

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

Tgt Ion:276 Resp: 390549

Ion Ratio Lower Upper

276 100

138 13.6 10.8 16.2

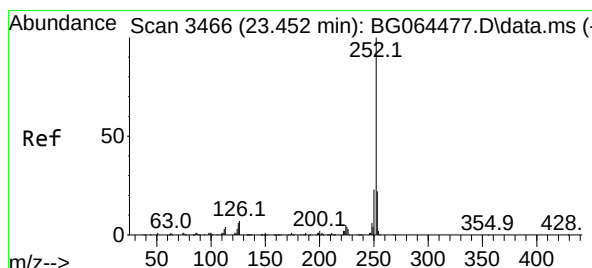
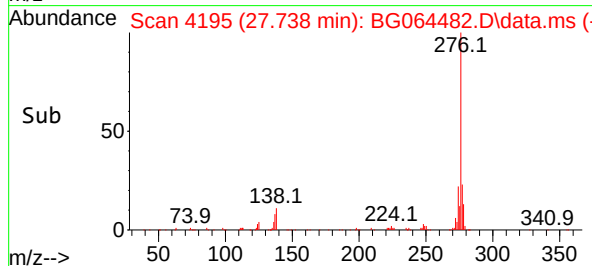
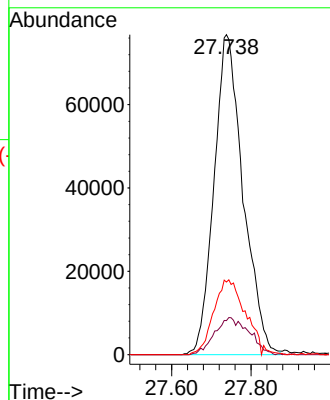
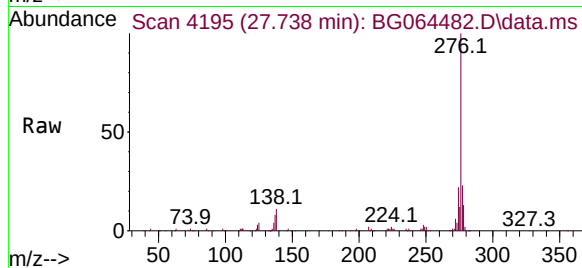
277 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#88

Benzo(b)fluoranthene

Concen: 37.423 ng

RT: 23.449 min Scan# 3465

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

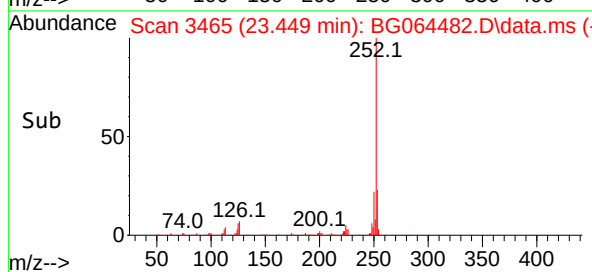
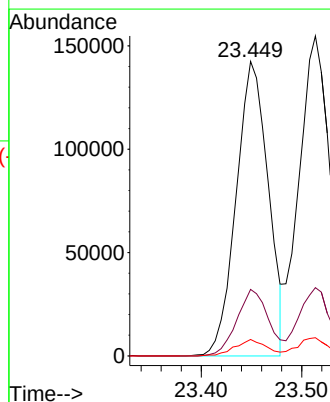
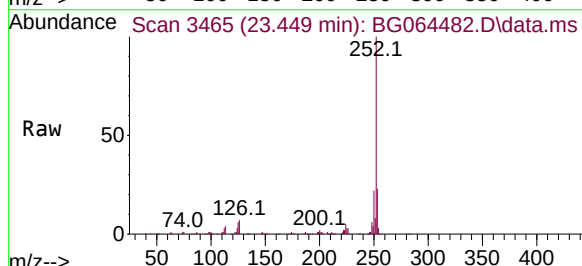
Tgt Ion:252 Resp: 315880

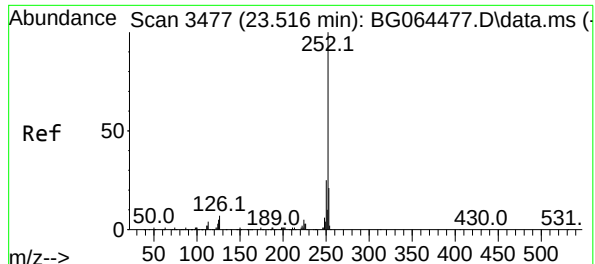
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 5.6 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 39.643 ng

RT: 23.514 min Scan# 3477

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA_G

ClientSampleId :

ICVBG100225

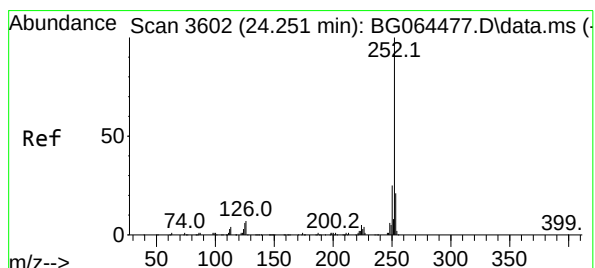
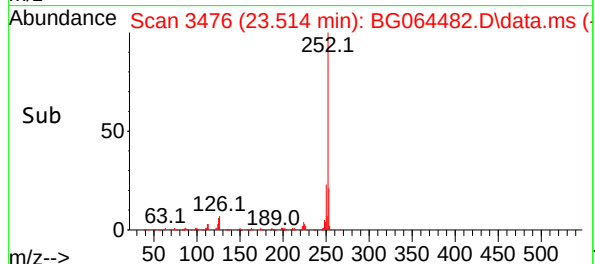
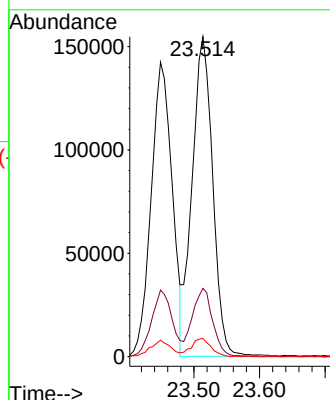
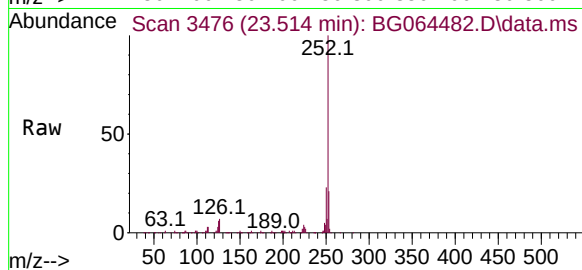
Tgt Ion:252	Resp:	337015
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.4 26.2
125	5.7	4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 39.468 ng

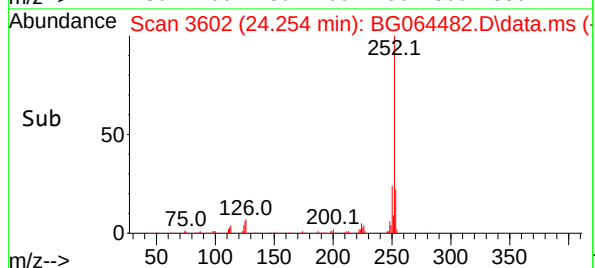
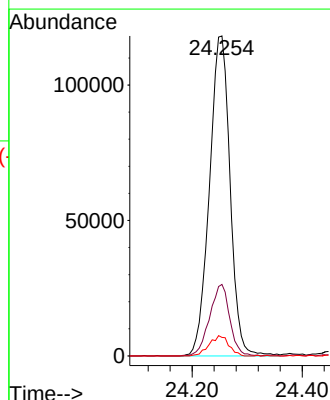
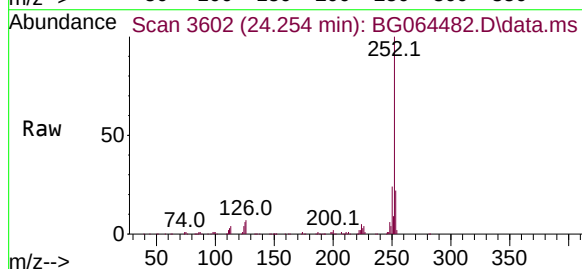
RT: 24.254 min Scan# 3602

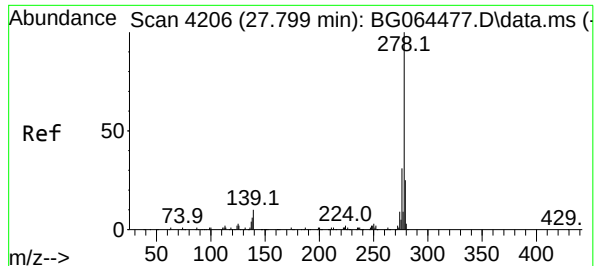
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

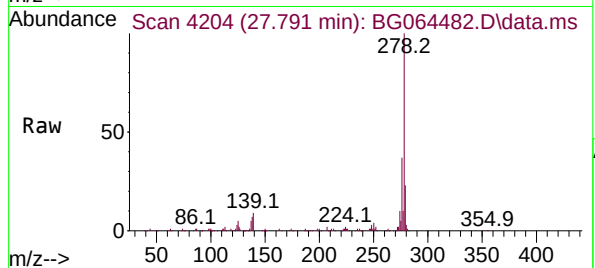
Tgt Ion:252	Resp:	307034
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.1 25.7
125	5.8	4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 38.585 ng
RT: 27.791 min Scan# 4206
Delta R.T. 0.012 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

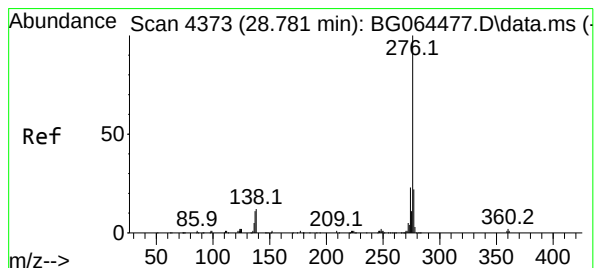
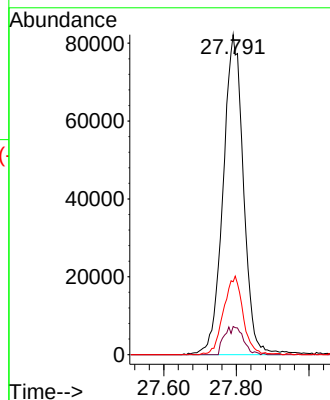
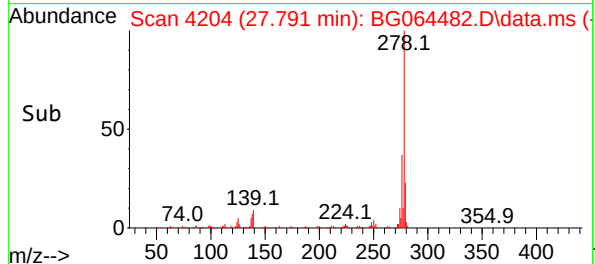
Instrument :
BNA_G
ClientSampleId :
ICVBG100225



Tgt Ion:278 Resp: 31867
Ion Ratio Lower Upper
278 100
139 8.8 8.2 12.2
279 22.8 19.6 29.4

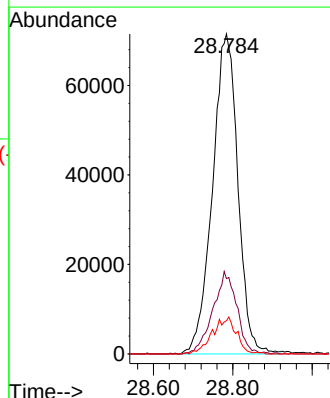
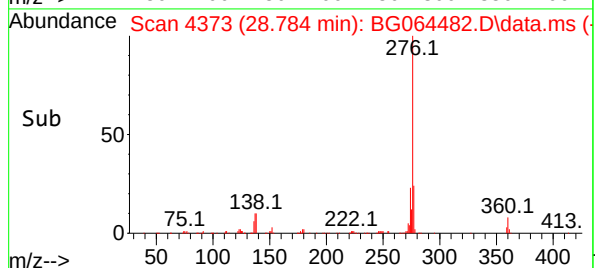
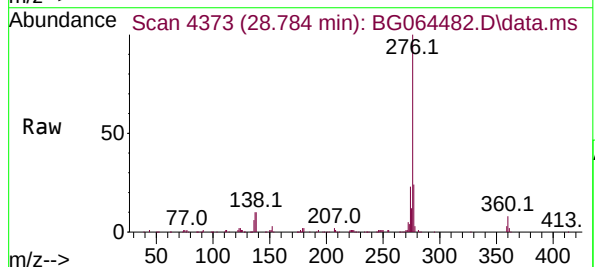
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 39.498 ng
RT: 28.784 min Scan# 4373
Delta R.T. 0.017 min
Lab File: BG064482.D
Acq: 2 Oct 2025 18:09

Tgt Ion:276 Resp: 317018
Ion Ratio Lower Upper
276 100
277 23.5 17.8 26.6
138 10.3 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	91	0.00
2	1,4-Dioxane	0.427	0.392	8.2	81	0.00
3	Pyridine	1.149	1.017	11.5	75	0.00
4	n-Nitrosodimethylamine	0.833	0.813	2.4	86	0.00
5 S	2-Fluorophenol	1.081	1.018	5.8	78	0.00
6	Aniline	1.832	1.883	-2.8	85	0.00
7 S	Phenol-d6	1.452	1.407	3.1	79	0.01
8	2-Chlorophenol	1.327	1.231	7.2	77	0.00
9	Benzaldehyde	1.289	1.040	19.3	62	0.00
10 C	Phenol	1.532	1.471	4.0	80	0.00
11	bis(2-Chloroethyl)ether	1.038	0.969	6.6	78	0.00
12	1,3-Dichlorobenzene	1.452	1.361	6.3	78	0.00
13 C	1,4-Dichlorobenzene	1.457	1.452	0.3	84	0.00
14	1,2-Dichlorobenzene	1.436	1.381	3.8	82	0.00
15	Benzyl Alcohol	1.337	1.363	-1.9	86	0.00
16	2,2'-oxybis(1-Chloropropane	1.672	1.597	4.5	81	0.01
17	2-Methylphenol	1.109	1.069	3.6	80	0.00
18	Hexachloroethane	0.575	0.545	5.2	82	0.00
19 P	n-Nitroso-di-n-propylamine	0.971	0.995	-2.5	83	0.01
20	3+4-Methylphenols	1.548	1.505	2.8	81	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	92	0.00
22	Acetophenone	0.484	0.483	0.2	86	0.00
23 S	Nitrobenzene-d5	0.372	0.339	8.9	79	0.01
24	Nitrobenzene	0.371	0.345	7.0	80	0.00
25	Isophorone	0.674	0.660	2.1	84	0.01
26 C	2-Nitrophenol	0.185	0.163	11.9	78	0.00
27	2,4-Dimethylphenol	0.282	0.296	-5.0	91	0.00
28	bis(2-Chloroethoxy)methane	0.343	0.331	3.5	81	0.00
29 C	2,4-Dichlorophenol	0.326	0.317	2.8	85	0.00
30	1,2,4-Trichlorobenzene	0.356	0.344	3.4	84	0.00
31	Naphthalene	1.030	0.991	3.8	82	0.00
32	Benzoic acid	0.216	0.218	-0.9	87	0.05
33	4-Chloroaniline	0.395	0.423	-7.1	93	0.00
34 C	Hexachlorobutadiene	0.304	0.278	8.6	81	0.00
35	Caprolactam	0.112	0.108	3.6	86	0.02
36 C	4-Chloro-3-methylphenol	0.397	0.381	4.0	83	0.00
37	2-Methylnaphthalene	0.791	0.696	12.0	76	0.00
38	1-Methylnaphthalene	0.788	0.728	7.6	81	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.646	0.622	3.7	84	0.00
41 P	Hexachlorocyclopentadiene	0.338	0.426	-26.0#	112	0.00
42 S	2,4,6-Tribromophenol	0.363	0.348	4.1	87	0.00
43 C	2,4,6-Trichlorophenol	0.413	0.403	2.4	86	0.00
44	2,4,5-Trichlorophenol	0.461	0.436	5.4	85	0.00
45 S	2-Fluorobiphenyl	1.357	1.264	6.9	84	0.00
46	1,1'-Biphenyl	1.438	1.393	3.1	87	0.00
47	2-Chloronaphthalene	1.074	1.013	5.7	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	0.367	0.359	2.2	86	0.00
49	Acenaphthylene	1.594	1.747	-9.6	98	0.00
50	Dimethylphthalate	1.566	1.484	5.2	87	0.00
51	2,6-Dinitrotoluene	0.326	0.316	3.1	89	0.00
52 C	Acenaphthene	1.108	1.015	8.4	83	0.00
53	3-Nitroaniline	0.301	0.306	-1.7	91	0.00
54 P	2,4-Dinitrophenol	0.237	0.198	16.5	91	0.00
55	Dibenzofuran	1.829	1.744	4.6	87	0.00
56 P	4-Nitrophenol	0.237	0.235	0.8	86	0.00
57	2,4-Dinitrotoluene	0.499	0.491	1.6	89	0.00
58	Fluorene	1.520	1.500	1.3	89	0.00
59	2,3,4,6-Tetrachlorophenol	0.470	0.471	-0.2	89	0.00
60	Diethylphthalate	1.680	1.610	4.2	89	0.00
61	4-Chlorophenyl-phenylether	0.830	0.756	8.9	83	0.00
62	4-Nitroaniline	0.314	0.325	-3.5	93	0.00
63	Azobenzene	1.301	1.254	3.6	89	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.132	5.0	91	0.00
66 c	n-Nitrosodiphenylamine	0.534	0.500	6.4	88	0.00
67	4-Bromophenyl-phenylether	0.235	0.217	7.7	85	0.00
68	Hexachlorobenzene	0.269	0.248	7.8	86	0.00
69	Atrazine	0.238	0.250	-5.0	100	0.00
70 C	Pentachlorophenol	0.157	0.142	9.6	84	0.00
71	Phenanthrene	1.046	0.970	7.3	87	0.00
72	Anthracene	1.049	1.001	4.6	89	0.00
73	Carbazole	0.907	0.900	0.8	91	0.00
74	Di-n-butylphthalate	1.107	1.075	2.9	90	0.00
75 C	Fluoranthene	1.250	1.210	3.2	91	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzydine	0.498	0.545	-9.4	85	0.00
78	Pyrene	1.298	1.196	7.9	88	0.00
79 S	Terphenyl-d14	1.057	1.005	4.9	91	0.00
80	Butylbenzylphthalate	0.460	0.432	6.1	89	0.00
81	Benzo(a)anthracene	1.277	1.209	5.3	91	0.00
82	3,3'-Dichlorobenzidine	0.432	0.458	-6.0	102	0.00
83	Chrysene	1.211	1.103	8.9	87	0.00
84	Bis(2-ethylhexyl)phthalate	0.649	0.602	7.2	89	0.00
85 c	Di-n-octyl phthalate	1.091	1.002	8.2	88	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.392	1.316	5.5	89	0.00
88	Benzo(b)fluoranthene	1.138	1.064	6.5	89	0.00
89	Benzo(k)fluoranthene	1.146	1.136	0.9	93	0.00
90 C	Benzo(a)pyrene	1.049	1.035	1.3	93	0.00
91	Dibenzo(a,h)anthracene	1.113	1.074	3.5	91	0.01
92	Benzo(g,h,i)perylene	1.082	1.068	1.3	93	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	91	0.00
2	1,4-Dioxane	40.000	36.657	8.4	81	0.00
3	Pyridine	40.000	35.418	11.5	75	0.00
4	n-Nitrosodimethylamine	40.000	39.031	2.4	86	0.00
5 S	2-Fluorophenol	80.000	75.359	5.8	78	0.00
6	Aniline	40.000	41.109	-2.8	85	0.00
7 S	Phenol-d6	80.000	77.494	3.1	79	0.01
8	2-Chlorophenol	40.000	37.094	7.3	77	0.00
9	Benzaldehyde	40.000	32.268	19.3	62	0.00
10 C	Phenol	40.000	38.413	4.0	80	0.00
11	bis(2-Chloroethyl)ether	40.000	37.341	6.6	78	0.00
12	1,3-Dichlorobenzene	40.000	37.504	6.2	78	0.00
13 C	1,4-Dichlorobenzene	40.000	39.872	0.3	84	0.00
14	1,2-Dichlorobenzene	40.000	38.466	3.8	82	0.00
15	Benzyl Alcohol	40.000	40.756	-1.9	86	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.204	4.5	81	0.01
17	2-Methylphenol	40.000	38.553	3.6	80	0.00
18	Hexachloroethane	40.000	37.877	5.3	82	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.984	-2.5	83	0.01
20	3+4-Methylphenols	40.000	38.893	2.8	81	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	92	0.00
22	Acetophenone	40.000	39.906	0.2	86	0.00
23 S	Nitrobenzene-d5	80.000	72.999	8.8	79	0.01
24	Nitrobenzene	40.000	37.170	7.1	80	0.00
25	Isophorone	40.000	39.198	2.0	84	0.01
26 C	2-Nitrophenol	40.000	35.388	11.5	78	0.00
27	2,4-Dimethylphenol	40.000	41.959	-4.9	91	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.540	3.7	81	0.00
29 C	2,4-Dichlorophenol	40.000	38.857	2.9	85	0.00
30	1,2,4-Trichlorobenzene	40.000	38.743	3.1	84	0.00
31	Naphthalene	40.000	38.491	3.8	82	0.00
32	Benzoic acid	40.000	40.223	-0.6	87	0.05
33	4-Chloroaniline	40.000	42.784	-7.0	93	0.00
34 C	Hexachlorobutadiene	40.000	36.587	8.5	81	0.00
35	Caprolactam	40.000	38.812	3.0	86	0.02
36 C	4-Chloro-3-methylphenol	40.000	38.389	4.0	83	0.00
37	2-Methylnaphthalene	40.000	35.191	12.0	76	0.00
38	1-Methylnaphthalene	40.000	36.933	7.7	81	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.511	3.7	84	0.00
41 P	Hexachlorocyclopentadiene	40.000	50.483	-26.2#	112	0.00
42 S	2,4,6-Tribromophenol	80.000	76.705	4.1	87	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.030	2.4	86	0.00
44	2,4,5-Trichlorophenol	40.000	37.827	5.4	85	0.00
45 S	2-Fluorobiphenyl	80.000	74.539	6.8	84	0.00
46	1,1'-Biphenyl	40.000	38.735	3.2	87	0.00
47	2-Chloronaphthalene	40.000	37.716	5.7	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	39.151	2.1	86	0.00
49	Acenaphthylene	40.000	43.842	-9.6	98	0.00
50	Dimethylphthalate	40.000	37.903	5.2	87	0.00
51	2,6-Dinitrotoluene	40.000	38.742	3.1	89	0.00
52 C	Acenaphthene	40.000	36.666	8.3	83	0.00
53	3-Nitroaniline	40.000	40.727	-1.8	91	0.00
54 P	2,4-Dinitrophenol	40.000	33.540	16.2	91	0.00
55	Dibenzofuran	40.000	38.141	4.6	87	0.00
56 P	4-Nitrophenol	40.000	39.712	0.7	86	0.00
57	2,4-Dinitrotoluene	40.000	39.388	1.5	89	0.00
58	Fluorene	40.000	39.456	1.4	89	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.021	-0.1	89	0.00
60	Diethylphthalate	40.000	38.317	4.2	89	0.00
61	4-Chlorophenyl-phenylether	40.000	36.432	8.9	83	0.00
62	4-Nitroaniline	40.000	41.435	-3.6	93	0.00
63	Azobenzene	40.000	38.553	3.6	89	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.834	5.4	91	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.465	6.3	88	0.00
67	4-Bromophenyl-phenylether	40.000	36.819	8.0	85	0.00
68	Hexachlorobenzene	40.000	36.821	7.9	86	0.00
69	Atrazine	40.000	42.076	-5.2	100	0.00
70 C	Pentachlorophenol	40.000	36.025	9.9	84	0.00
71	Phenanthrene	40.000	37.108	7.2	87	0.00
72	Anthracene	40.000	38.159	4.6	89	0.00
73	Carbazole	40.000	39.673	0.8	91	0.00
74	Di-n-butylphthalate	40.000	38.852	2.9	90	0.00
75 C	Fluoranthene	40.000	38.739	3.2	91	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	43.772	-9.4	85	0.00
78	Pyrene	40.000	36.856	7.9	88	0.00
79 S	Terphenyl-d14	80.000	76.071	4.9	91	0.00
80	Butylbenzylphthalate	40.000	37.565	6.1	89	0.00
81	Benzo(a)anthracene	40.000	37.867	5.3	91	0.00
82	3,3'-Dichlorobenzidine	40.000	42.355	-5.9	102	0.00
83	Chrysene	40.000	36.434	8.9	87	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.082	7.3	89	0.00
85 c	Di-n-octyl phthalate	40.000	36.720	8.2	88	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.816	5.5	89	0.00
88	Benzo(b)fluoranthene	40.000	37.423	6.4	89	0.00
89	Benzo(k)fluoranthene	40.000	39.643	0.9	93	0.00
90 C	Benzo(a)pyrene	40.000	39.468	1.3	93	0.00
91	Dibenzo(a,h)anthracene	40.000	38.585	3.5	91	0.01
92	Benzo(g,h,i)perylene	40.000	39.498	1.3	93	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064482.D
Acq On : 2 Oct 2025 18:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100225

Quant Time: Oct 02 18:56:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3375</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/20/2025 13:28</u>
Lab File ID:	<u>BF143997.D</u>	Init. Calib. Date(s):	<u>10/06/2025 10/06/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:59 14:22</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.277		1.4	
Benzaldehyde	1.158	1.204		4.0	
Phenol-d6	1.501	1.495		-0.4	
Phenol	1.795	1.865		3.9	20.0
bis(2-Chloroethyl)ether	1.386	1.393		0.5	
2-Chlorophenol	1.231	1.238		0.6	
2-Methylphenol	1.017	1.013		-0.4	
2,2-oxybis(1-Chloropropane)	3.156	3.251		3.0	
Acetophenone	0.423	0.408		-3.5	
3+4-Methylphenols	1.179	1.202		2.0	
n-Nitroso-di-n-propylamine	1.028	0.963	0.050	-6.3	
Nitrobenzene-d5	0.329	0.338		2.7	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.371		1.4	
Isophorone	0.694	0.660		-4.9	
2-Nitrophenol	0.157	0.179		14.0	20.0
2,4-Dimethylphenol	0.282	0.286		1.4	
bis(2-Chloroethoxy)methane	0.438	0.428		-2.3	
2,4-Dichlorophenol	0.294	0.288		-2.0	20.0
Naphthalene	0.910	0.892		-2.0	
4-Chloroaniline	0.341	0.339		-0.6	
Hexachlorobutadiene	0.201	0.194		-3.5	20.0
Caprolactam	0.093	0.092		-1.1	
4-Chloro-3-methylphenol	0.282	0.273		-3.2	20.0
2-Methylnaphthalene	0.606	0.583		-3.8	
Hexachlorocyclopentadiene	0.229	0.236	0.050	3.1	
2,4,6-Trichlorophenol	0.404	0.405		0.2	20.0
2-Fluorobiphenyl	1.260	1.168		-7.3	
2,4,5-Trichlorophenol	0.427	0.422		-1.2	
1,1-Biphenyl	1.324	1.296		-2.1	
2-Chloronaphthalene	1.104	1.104		0.0	
2-Nitroaniline	0.349	0.369		5.7	
Dimethylphthalate	1.270	1.238		-2.5	
Acenaphthylene	1.552	1.553		0.1	
2,6-Dinitrotoluene	0.236	0.262		11.0	
3-Nitroaniline	0.288	0.307		6.6	
Acenaphthene	1.017	0.995		-2.2	20.0
2,4-Dinitrophenol	0.118	0.112	0.050	-5.1	
4-Nitrophenol	0.218	0.209	0.050	-4.1	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02
 Lab Code: ACE SDG No.: Q3375
 Instrument ID: BNA_F Calibration Date/Time: 10/20/2025 13:28
 Lab File ID: BF143997.D Init. Calib. Date(s): 10/06/2025 10/06/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.417		-1.3	
2,4-Dinitrotoluene	0.320	0.364		13.8	
Diethylphthalate	1.180	1.162		-1.5	
4-Chlorophenyl-phenylether	0.573	0.563		-1.7	
Fluorene	1.083	1.040		-4.0	
4-Nitroaniline	0.277	0.284		2.5	
4,6-Dinitro-2-methylphenol	0.101	0.110		8.9	
n-Nitrosodiphenylamine	0.628	0.625		-0.5	20.0
2,4,6-Tribromophenol	0.199	0.198		-0.5	
4-Bromophenyl-phenylether	0.221	0.220		-0.5	
Hexachlorobenzene	0.256	0.254		-0.8	
Atrazine	0.190	0.186		-2.1	
Pentachlorophenol	0.147	0.131		-10.9	20.0
Phenanthrene	0.970	0.966		-0.4	
Anthracene	0.980	0.968		-1.2	
Carbazole	0.868	0.858		-1.2	
Di-n-butylphthalate	1.005	1.014		0.9	
Fluoranthene	1.002	0.979		-2.3	20.0
Pyrene	1.667	1.712		2.7	
Terphenyl-d14	1.170	1.223		4.5	
Butylbenzylphthalate	0.542	0.563		3.9	
3,3-Dichlorobenzidine	0.399	0.393		-1.5	
Benzo (a) anthracene	1.309	1.276		-2.5	
Chrysene	1.211	1.205		-0.5	
Bis (2-ethylhexyl) phthalate	0.653	0.643		-1.5	
Di-n-octyl phthalate	1.072	1.026		-4.3	20.0
Benzo (b) fluoranthene	1.149	1.090		-5.1	
Benzo (k) fluoranthene	1.063	1.091		2.6	
Benzo (a) pyrene	0.996	1.015		1.9	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.431		16.8	
Dibenzo (a,h) anthracene	0.986	1.159		17.5	
Benzo (g,h,i) perylene	0.986	1.153		16.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.560		1.3	
1,4-Dioxane	0.583	0.607		4.1	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.298		-1.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	108923	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	424804	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230266	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	385198	20.000	ng	0.00
76) Chrysene-d12	14.063	240	224376	20.000	ng	0.00
86) Perylene-d12	15.545	264	212318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	556406	81.118	ng	0.00
7) Phenol-d6	6.504	99	651473	79.683	ng	-0.01
23) Nitrobenzene-d5	7.445	82	574397	82.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	182619	79.625	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076099	74.153	ng	-0.01
79) Terphenyl-d14	13.004	244	1098074	83.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	132203	41.651	ng	96
3) Pyridine	3.405	79	371861	40.244	ng	98
4) n-Nitrosodimethylamine	3.352	42	182244	37.492	ng	94
6) Aniline	6.545	93	482464	39.380	ng	100
8) 2-Chlorophenol	6.663	128	269677	40.221	ng	99
9) Benzaldehyde	6.434	77	262349	41.597	ng	99
10) Phenol	6.522	94	406281	41.566	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	303464	40.191	ng	99
12) 1,3-Dichlorobenzene	6.822	146	323149	40.264	ng	97
13) 1,4-Dichlorobenzene	6.898	146	317957	40.162	ng	98
14) 1,2-Dichlorobenzene	7.051	146	308063	40.625	ng	99
15) Benzyl Alcohol	7.022	79	250750	40.933	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	708161	41.204	ng	100
17) 2-Methylphenol	7.128	107	220591	39.810	ng	99
18) Hexachloroethane	7.392	117	108316	41.025	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	209767	37.483	ng	99
20) 3+4-Methylphenols	7.281	107	261837	40.771	ng	95
22) Acetophenone	7.293	105	346907	38.622	ng	99
24) Nitrobenzene	7.463	77	314885	40.553	ng	97
25) Isophorone	7.704	82	561074	38.057	ng	99
26) 2-Nitrophenol	7.781	139	152343	45.762	ng	98
27) 2,4-Dimethylphenol	7.816	122	242907	40.563	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	363320	39.012	ng	99
29) 2,4-Dichlorophenol	8.022	162	244787	39.243	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	242977	39.607	ng	99
31) Naphthalene	8.187	128	758157	39.234	ng	100
32) Benzoic acid	7.922	122	156304	37.714	ng	99
33) 4-Chloroaniline	8.234	127	287656	39.691	ng	99
34) Hexachlorobutadiene	8.304	225	165202	38.752	ng	97
35) Caprolactam	8.604	113	78033	39.344	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	231734	38.675	ng	98
37) 2-Methylnaphthalene	8.881	142	495354	38.483	ng	99
38) 1-Methylnaphthalene	8.981	142	480130	38.454	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	257851	40.516	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108840	41.223	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	186670	40.143	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF143997.D
 Acq On : 20 Oct 2025 13:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

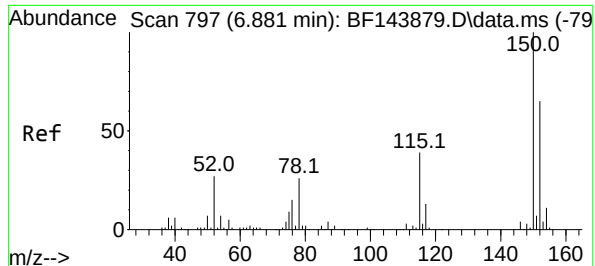
Quant Time: Oct 20 15:47:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194558	39.592	ng	99
46) 1,1'-Biphenyl	9.345	154	597014	39.160	ng	99
47) 2-Chloronaphthalene	9.369	162	508631	40.014	ng	97
48) 2-Nitroaniline	9.463	65	169771	42.245	ng	94
49) Acenaphthylene	9.781	152	715169	40.020	ng	99
50) Dimethylphthalate	9.639	163	569940	38.976	ng	99
51) 2,6-Dinitrotoluene	9.704	165	120781	44.543	ng	97
52) Acenaphthene	9.957	154	458028	39.116	ng	100
53) 3-Nitroaniline	9.875	138	141223	42.535	ng	99
54) 2,4-Dinitrophenol	9.981	184	51582	35.105	ng	94
55) Dibenzofuran	10.128	168	652550	39.478	ng	98
56) 4-Nitrophenol	10.034	139	96087	38.222	ng	93
57) 2,4-Dinitrotoluene	10.110	165	167503	45.401	ng	96
58) Fluorene	10.475	166	478793	38.388	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	137352	39.485	ng	# 99
60) Diethylphthalate	10.339	149	535315	39.405	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	259220	39.311	ng	98
62) 4-Nitroaniline	10.486	138	130811	40.972	ng	94
63) Azobenzene	10.622	77	558403	39.330	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	84504	43.655	ng	94
66) n-Nitrosodiphenylamine	10.581	169	481588	39.818	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	169268	39.762	ng	96
68) Hexachlorobenzene	11.022	284	195530	39.674	ng	99
69) Atrazine	11.110	200	143511	39.148	ng	99
70) Pentachlorophenol	11.216	266	101251	35.771	ng	98
71) Phenanthrene	11.439	178	744542	39.869	ng	99
72) Anthracene	11.492	178	745746	39.529	ng	99
73) Carbazole	11.645	167	660829	39.550	ng	99
74) Di-n-butylphthalate	11.975	149	781181	40.340	ng	99
75) Fluoranthene	12.627	202	753991	39.088	ng	99
77) Benzidine	12.751	184	248566	31.905	ng	98
78) Pyrene	12.863	202	768419	41.079	ng	99
80) Butylbenzylphthalate	13.474	149	252520	41.567	ng	98
81) Benzo(a)anthracene	14.051	228	572605	38.997	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	176158	39.367	ng	99
83) Chrysene	14.086	228	540703	39.788	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	288745	39.429	ng	99
85) Di-n-octyl phthalate	14.651	149	460570	38.292	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	607776	46.717	ng	98
88) Benzo(b)fluoranthene	15.110	252	462937	37.957	ng	99
89) Benzo(k)fluoranthene	15.139	252	463363	41.059	ng	98
90) Benzo(a)pyrene	15.480	252	431094	40.764	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	491981	47.020	ng	99
92) Benzo(g,h,i)perylene	17.504	276	489771	46.809	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

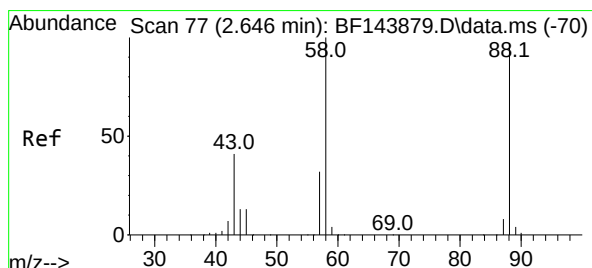
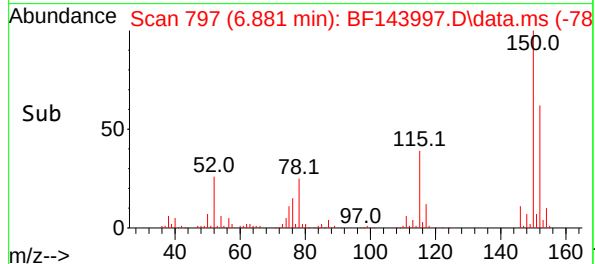
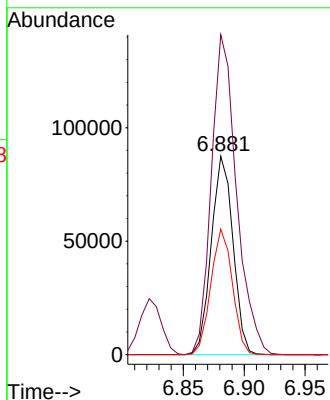
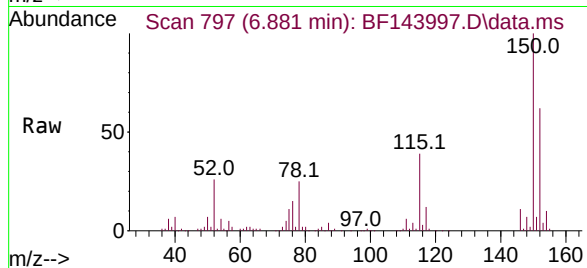
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- 16
- 17
- 18



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

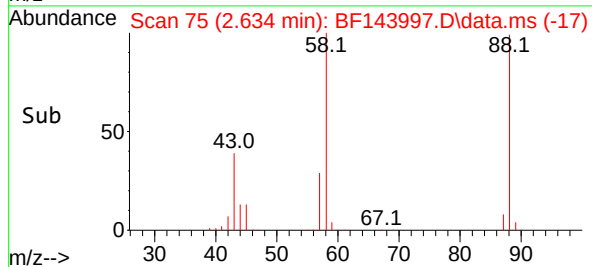
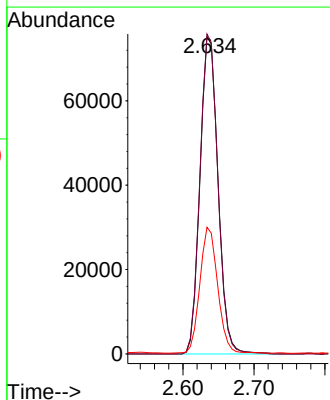
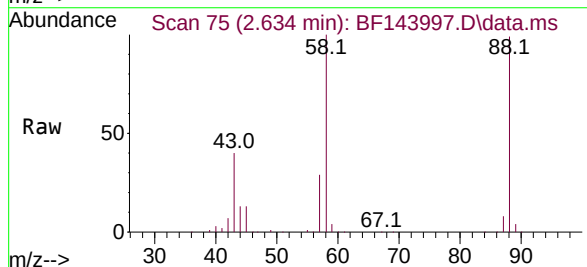
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

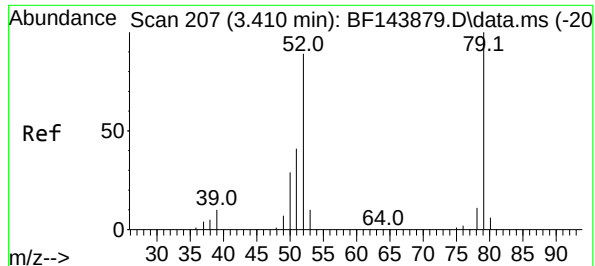
Tgt Ion:152 Resp: 108923
Ion Ratio Lower Upper
152 100
150 161.4 124.4 186.6
115 63.2 48.1 72.1



#2
1,4-Dioxane
Concen: 41.651 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 88 Resp: 132203
Ion Ratio Lower Upper
88 100
58 100.4 83.0 124.6
43 39.2 33.9 50.9





#3

Pyridine

Concen: 40.244 ng

RT: 3.405 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

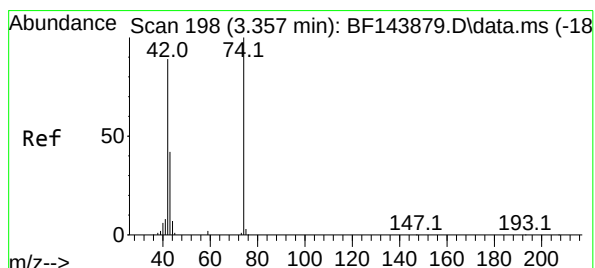
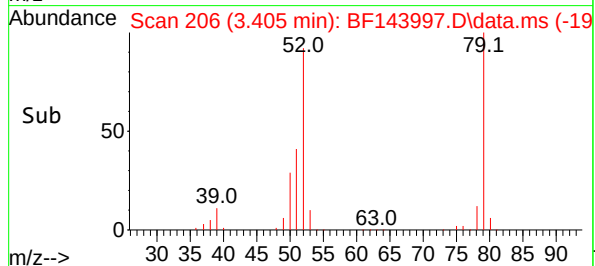
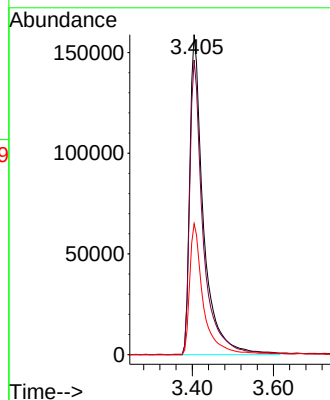
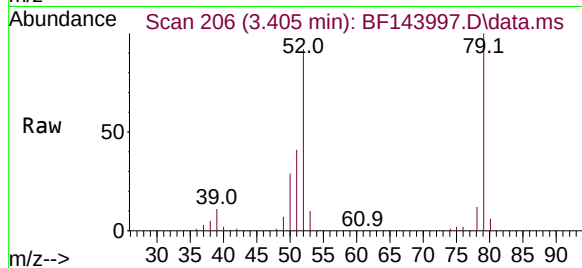
Tgt Ion: 79 Resp: 371861

Ion Ratio Lower Upper

79 100

52 92.0 71.5 107.3

51 40.9 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 37.492 ng

RT: 3.352 min Scan# 197

Delta R.T. -0.035 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

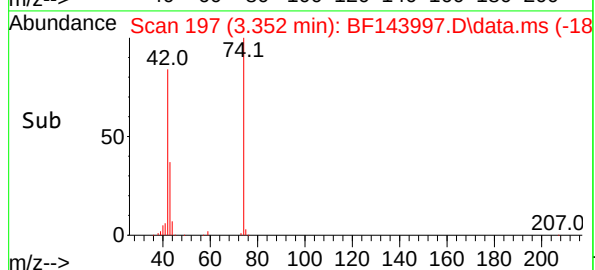
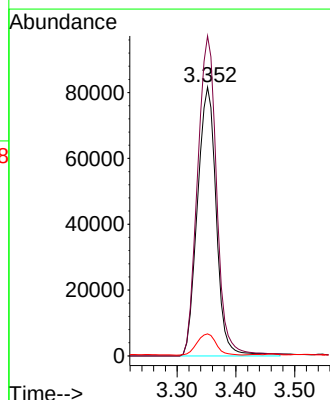
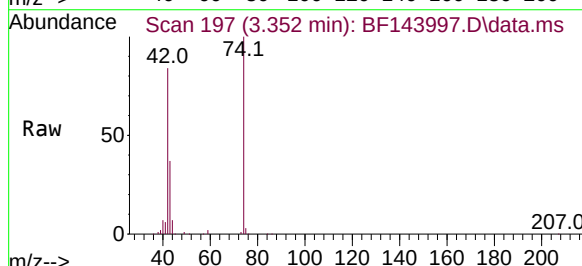
Tgt Ion: 42 Resp: 182244

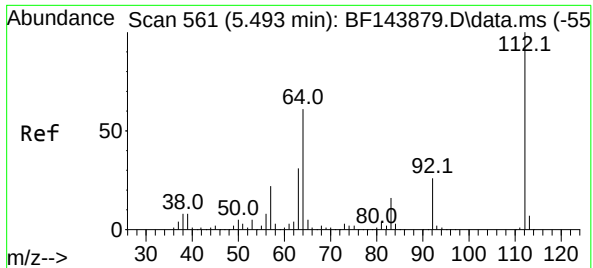
Ion Ratio Lower Upper

42 100

74 119.1 90.0 135.0

44 8.2 6.2 9.2

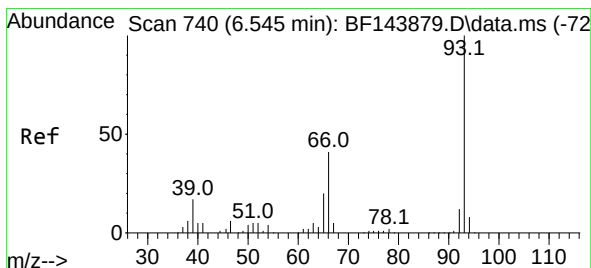
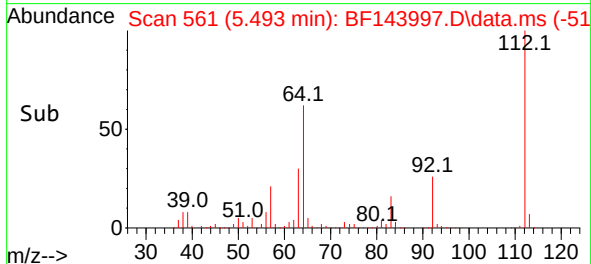
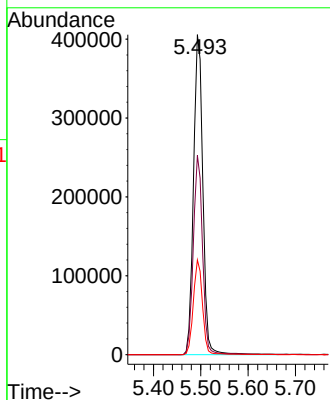
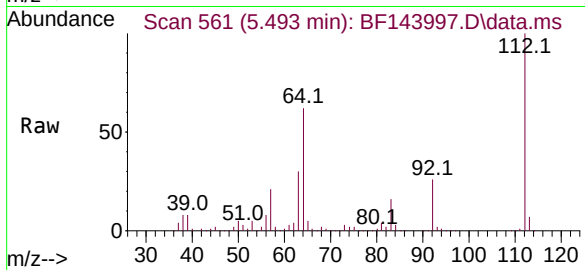




#5
2-Fluorophenol
Concen: 81.118 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

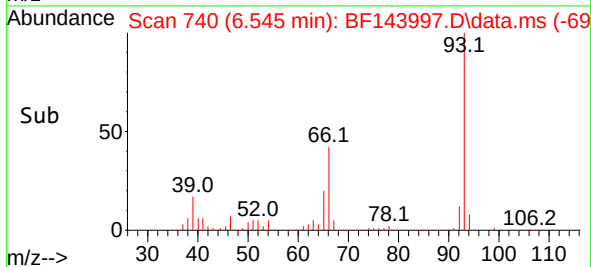
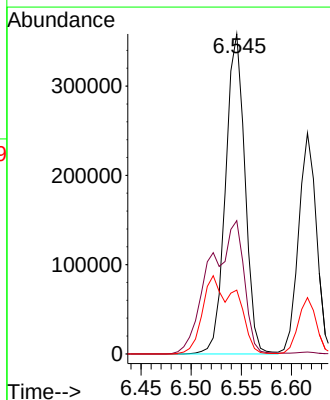
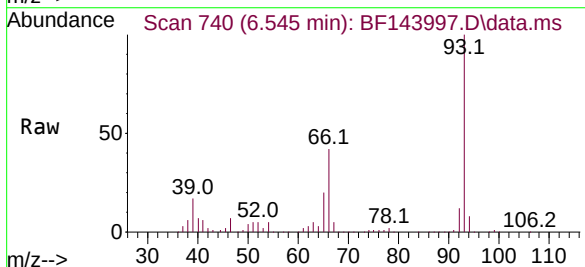
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

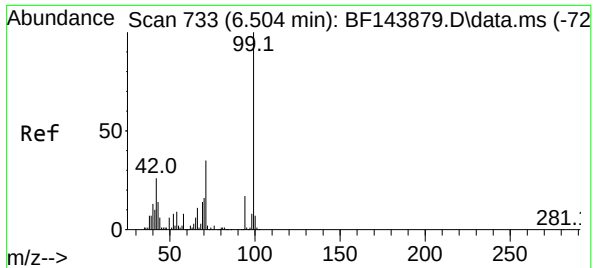
Tgt Ion:112 Resp: 556406
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 29.6 24.5 36.7



#6
Aniline
Concen: 39.380 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 93 Resp: 482464
Ion Ratio Lower Upper
93 100
66 41.6 33.0 49.6
65 19.9 15.8 23.8





#7

Phenol-d6

Concen: 79.683 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

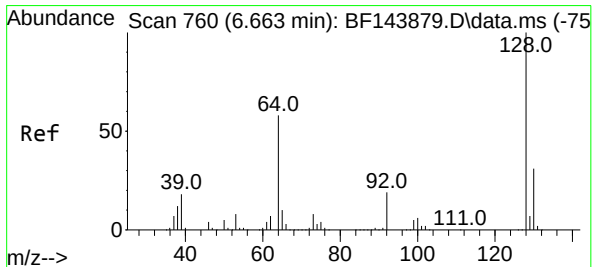
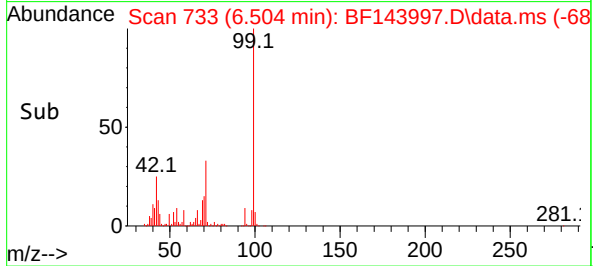
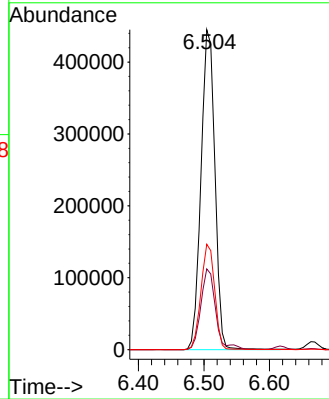
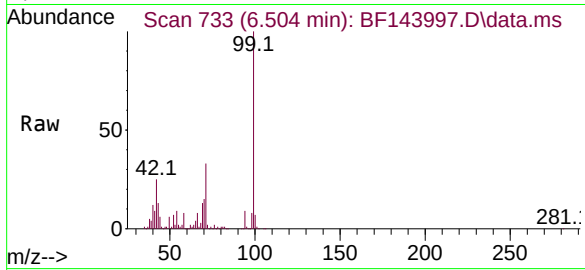
Tgt Ion: 99 Resp: 651473

Ion Ratio Lower Upper

99 100

42 25.2 21.0 31.4

71 32.9 27.8 41.8



#8

2-Chlorophenol

Concen: 40.221 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

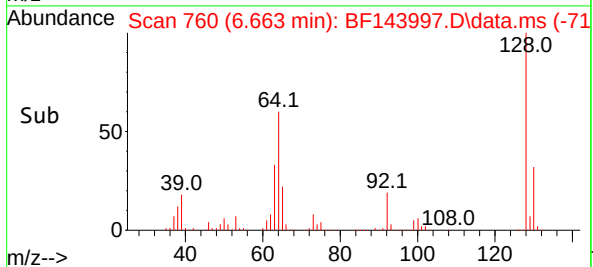
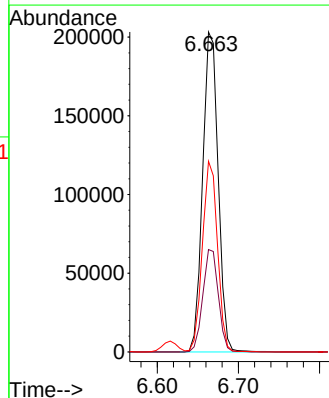
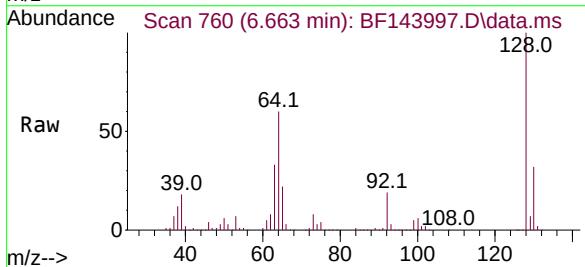
Tgt Ion: 128 Resp: 269677

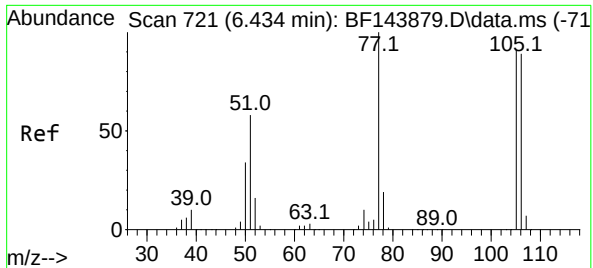
Ion Ratio Lower Upper

128 100

130 32.0 10.7 50.7

64 59.6 39.0 79.0

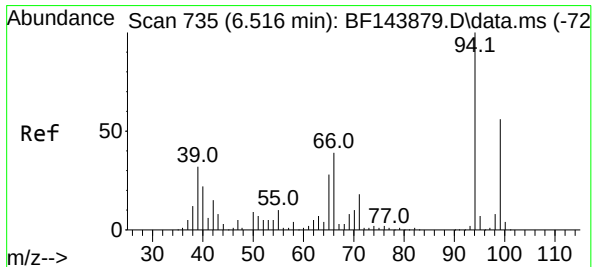
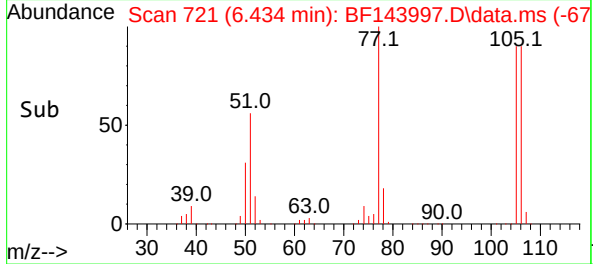
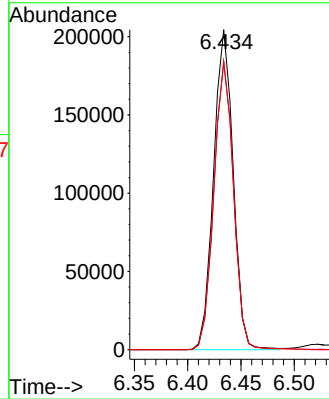
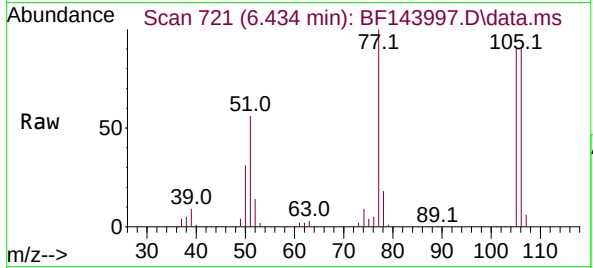




#9
Benzaldehyde
Concen: 41.597 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

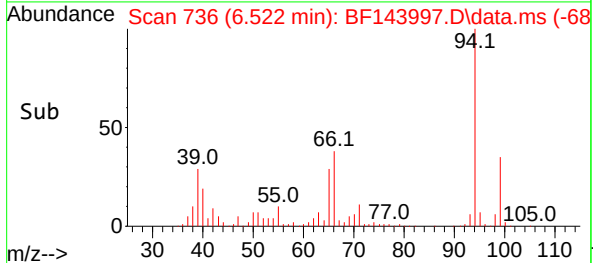
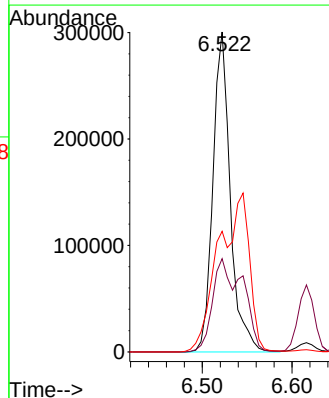
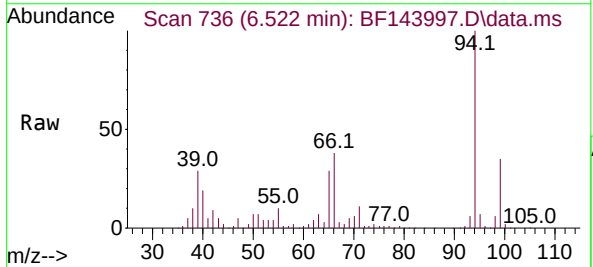
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

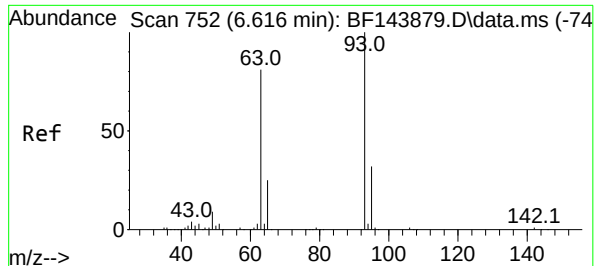
Tgt Ion: 77 Resp: 262349
Ion Ratio Lower Upper
77 100
105 89.9 70.9 110.9
106 90.1 68.9 108.9



#10
Phenol
Concen: 41.566 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 94 Resp: 406281
Ion Ratio Lower Upper
94 100
65 29.1 8.5 48.5
66 37.7 19.9 59.9

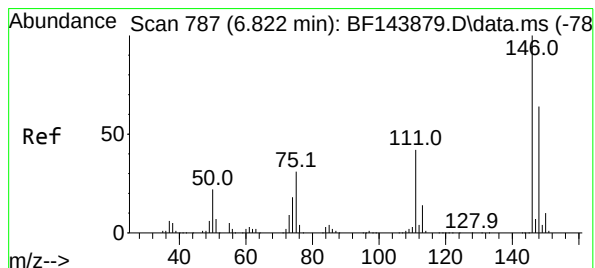
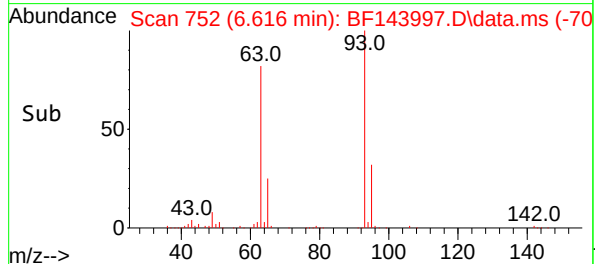
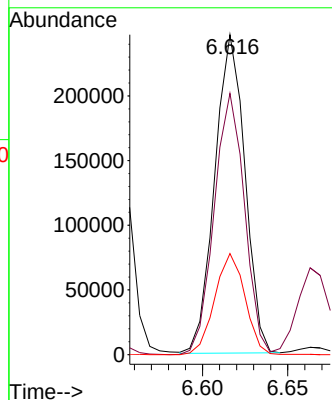
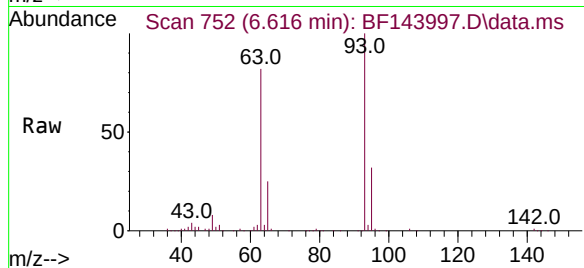




#11
bis(2-Chloroethyl)ether
Concen: 40.191 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

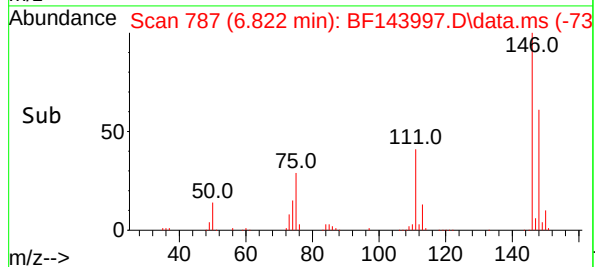
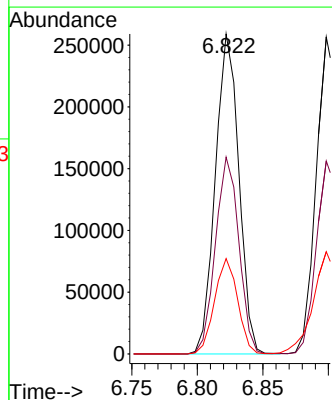
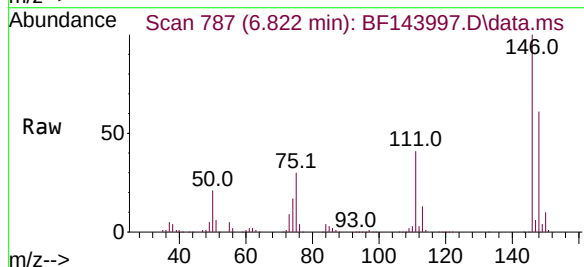
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

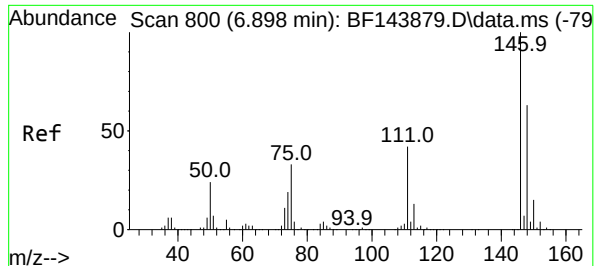
Tgt Ion: 93	Resp: 303464
Ion Ratio	Lower Upper
93 100	
63 81.6	60.9 100.9
95 31.6	11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.264 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:146	Resp: 323149		
Ion Ratio	Lower	Upper	
146 100			
148 61.5	51.0	76.4	
75 29.8	24.9	37.3	





#13

1,4-Dichlorobenzene

Concen: 40.162 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

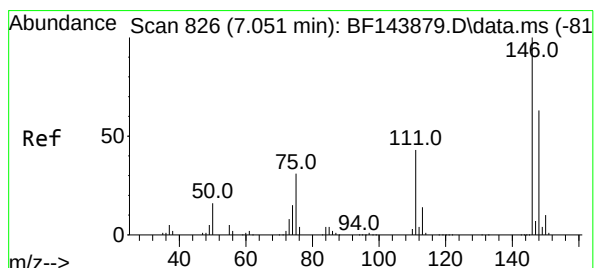
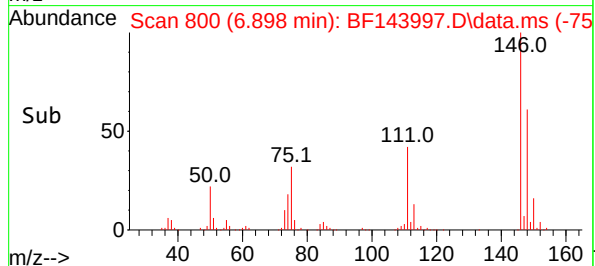
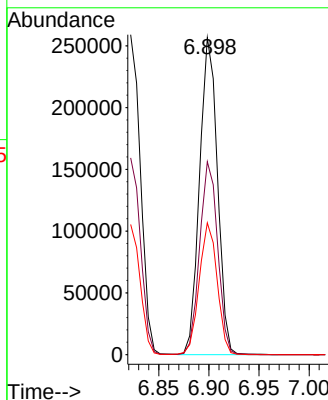
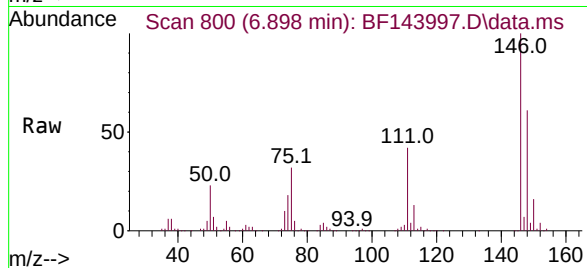
Tgt Ion:146 Resp: 317957

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

111 41.6 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 40.625 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

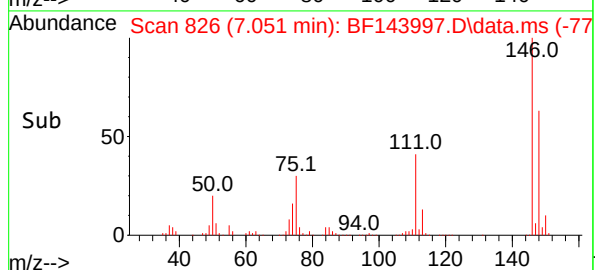
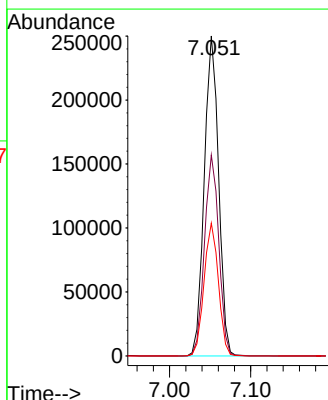
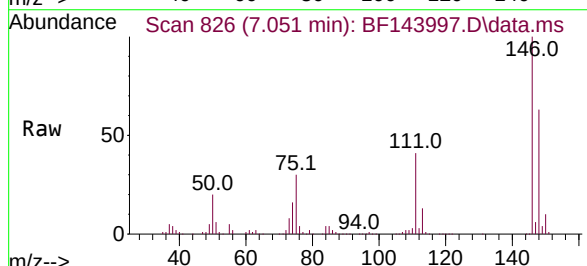
Tgt Ion:146 Resp: 308063

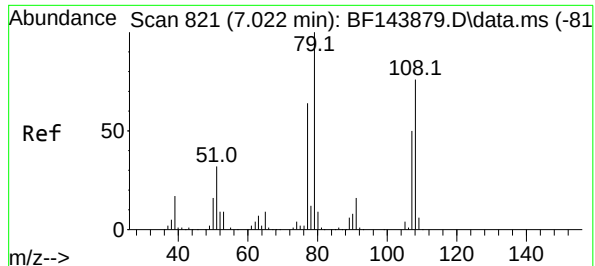
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

111 41.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.933 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

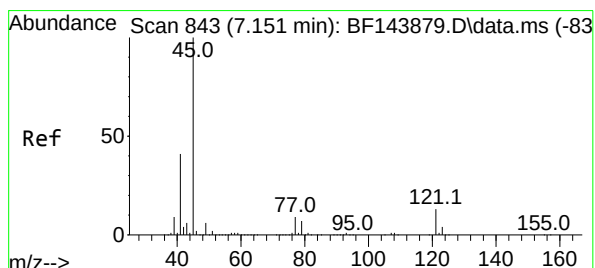
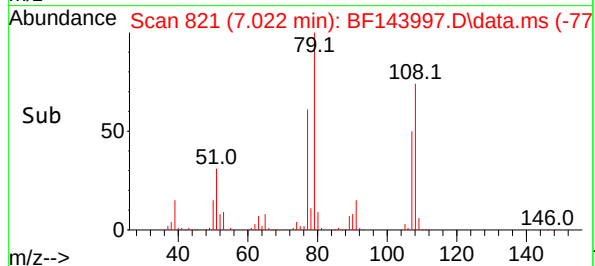
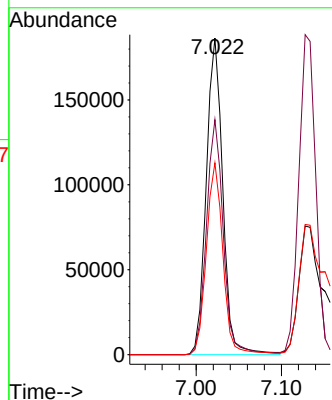
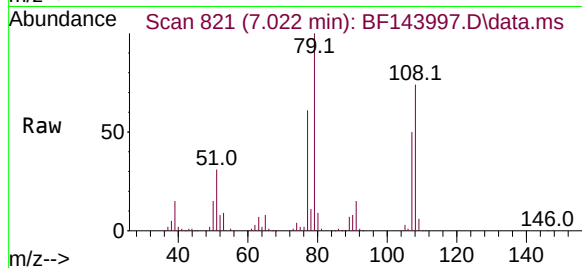
Tgt Ion: 79 Resp: 250750

Ion Ratio Lower Upper

79 100

108 74.3 60.8 91.2

77 60.6 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.204 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

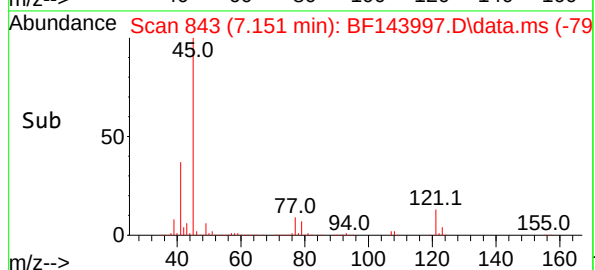
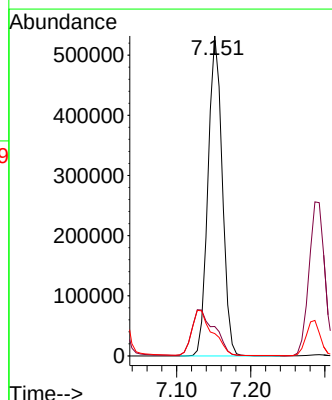
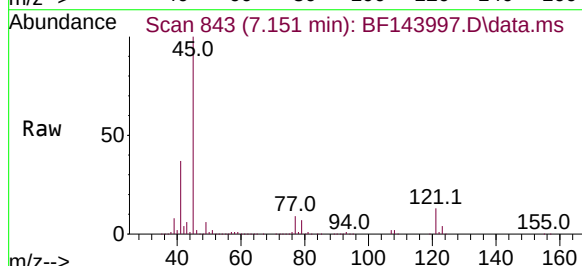
Tgt Ion: 45 Resp: 708161

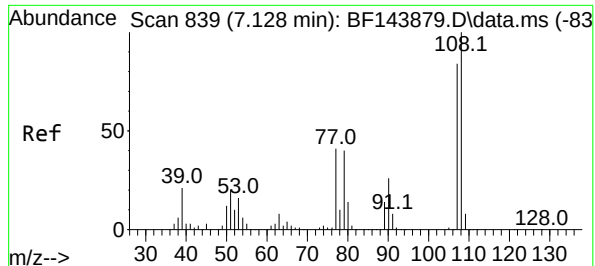
Ion Ratio Lower Upper

45 100

77 9.2 0.0 29.0

79 7.0 0.0 26.8

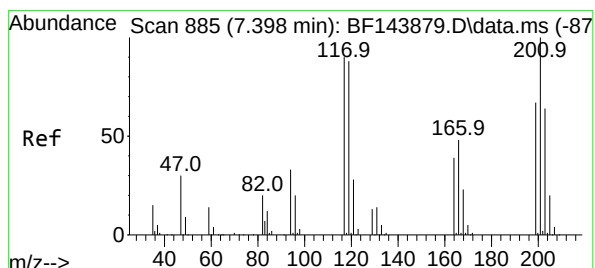
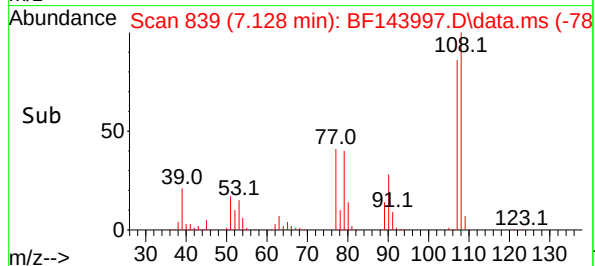
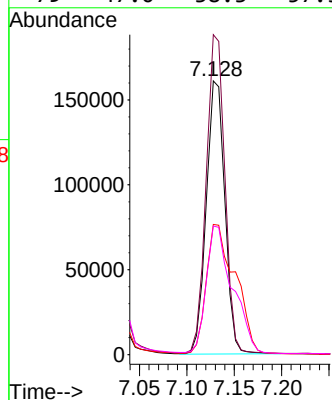
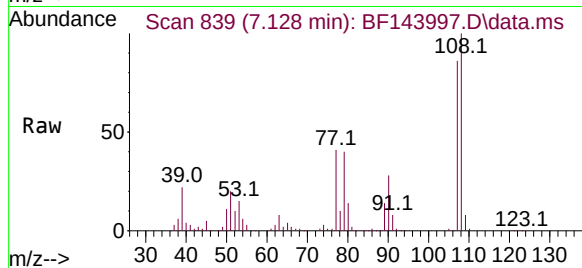




#17
2-Methylphenol
Concen: 39.810 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

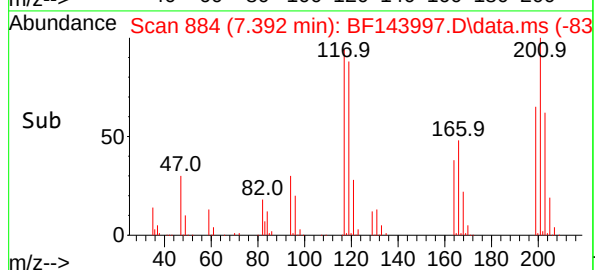
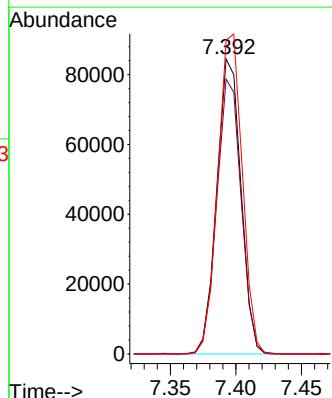
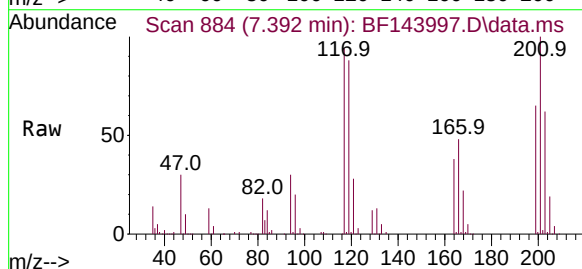
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

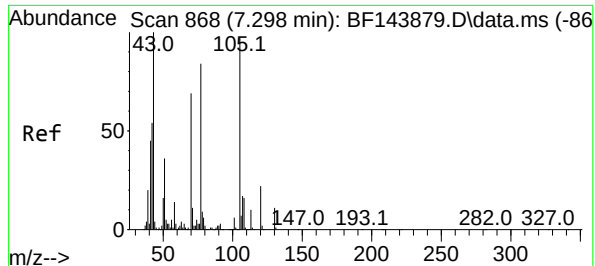
Tgt Ion:	107	Resp:	220591
Ion	Ratio	Lower	Upper
107	100		
108	116.9	94.7	142.1
77	47.6	38.8	58.2
79	47.0	38.3	57.5



#18
Hexachloroethane
Concen: 41.025 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:	117	Resp:	108316
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	106.3	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.483 ng

RT: 7.293 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 209767

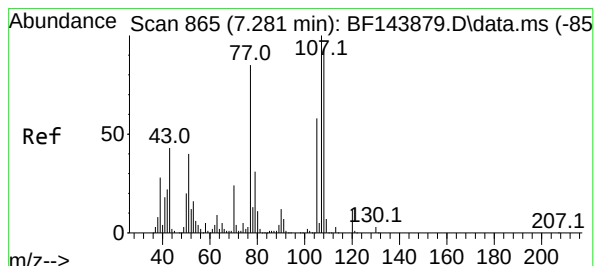
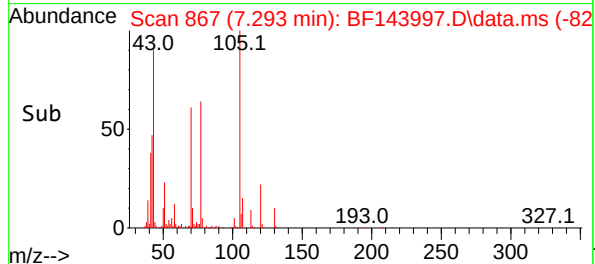
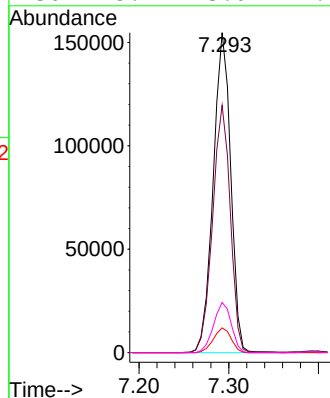
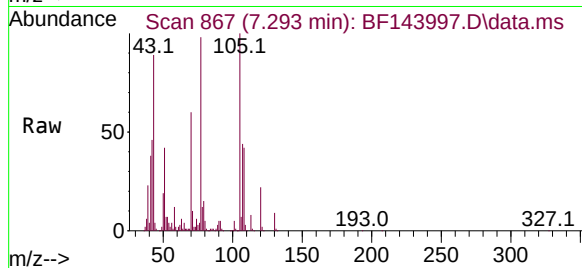
Ion Ratio Lower Upper

70 100

42 77.3 62.8 94.2

101 7.7 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 40.771 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion: 107 Resp: 261837

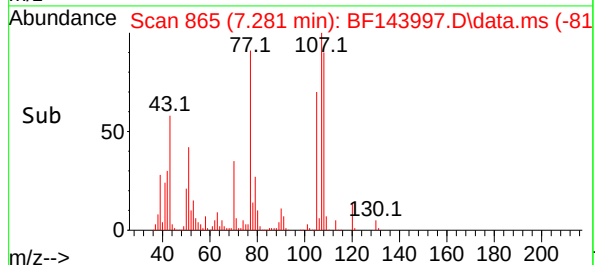
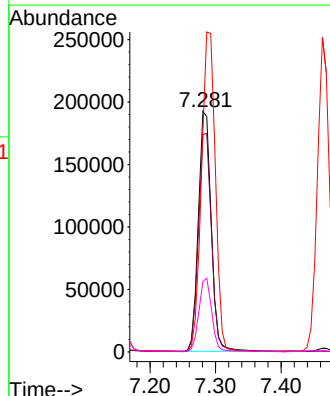
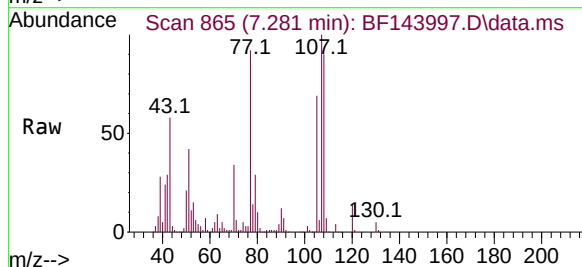
Ion Ratio Lower Upper

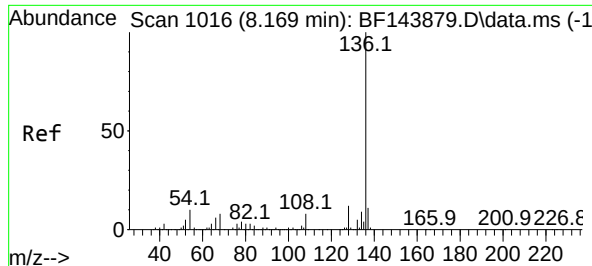
107 100

108 90.5 73.0 113.0

77 91.8 64.6 104.6

79 29.3 11.5 51.5

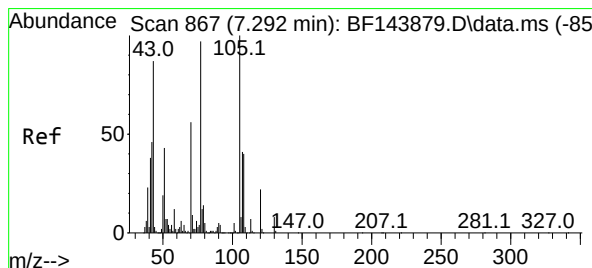
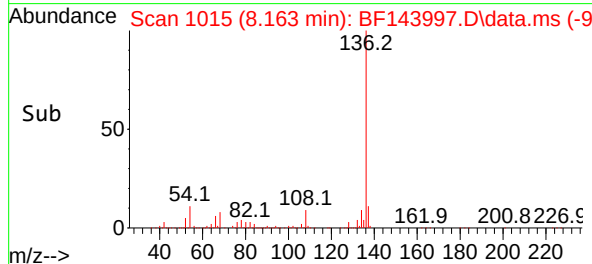
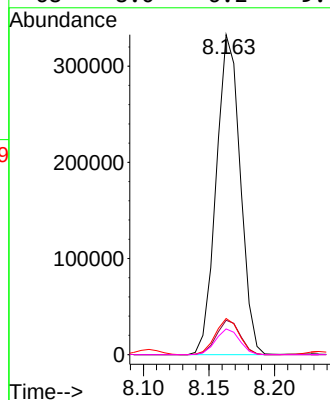
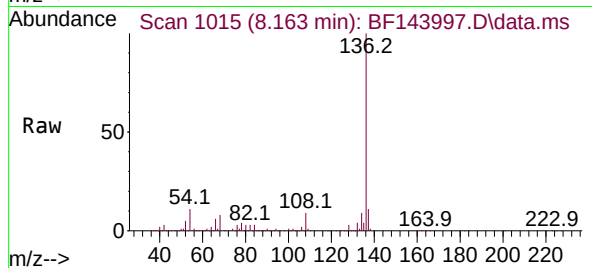




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

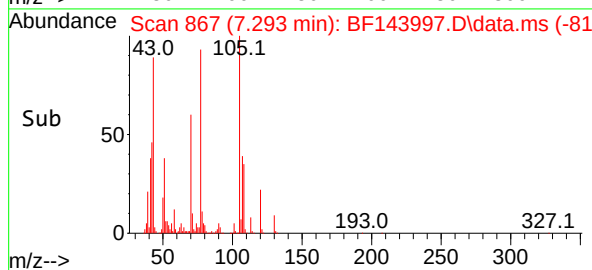
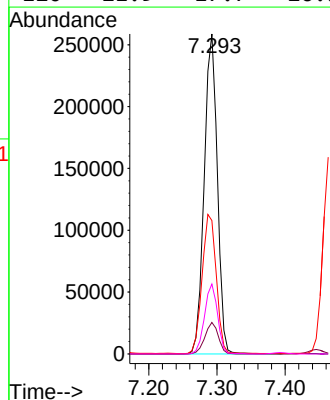
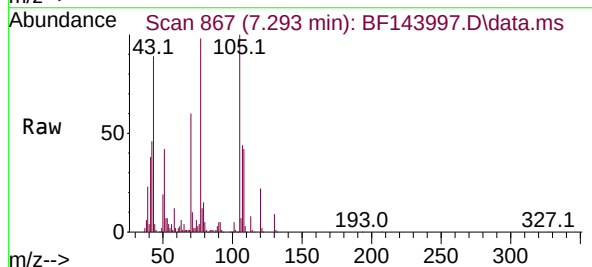
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

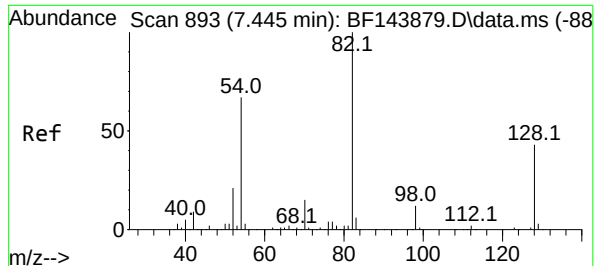
Tgt Ion:	136	Resp:	424804
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	11.3	8.2	12.4
68	8.0	6.2	9.4



#22
Acetophenone
Concen: 38.622 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:	105	Resp:	346907
Ion Ratio	Lower	Upper	
105	100		
71	9.8	7.4	11.0
51	41.7	34.2	51.4
120	21.9	17.7	26.5





#23

Nitrobenzene-d5

Concen: 82.149 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

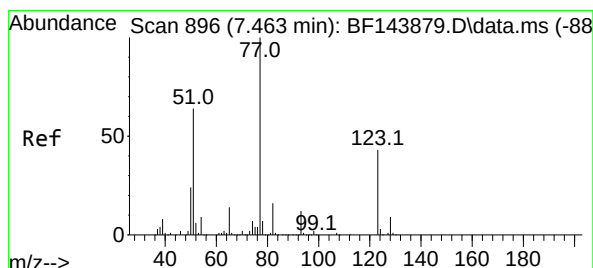
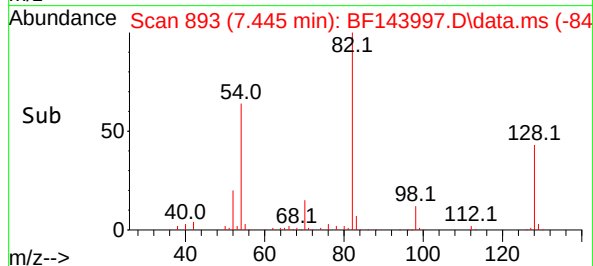
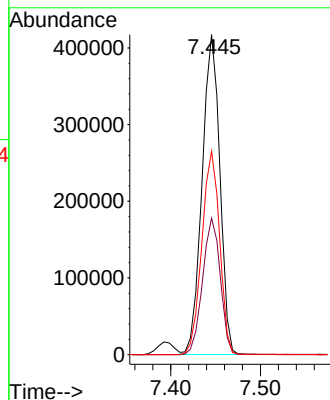
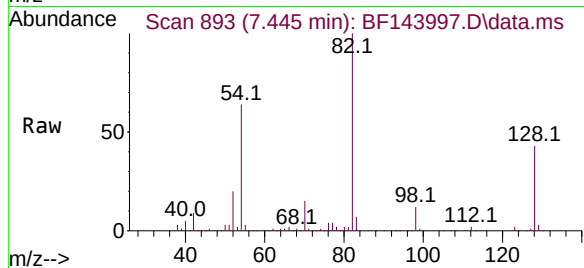
Tgt Ion: 82 Resp: 574397

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

54 63.6 53.2 79.8



#24

Nitrobenzene

Concen: 40.553 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

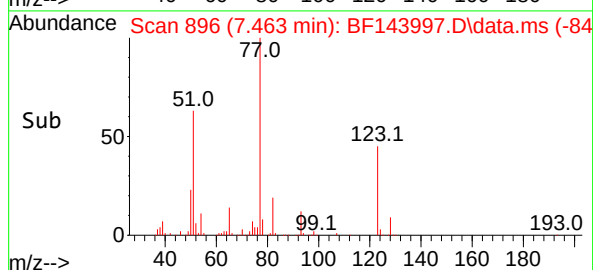
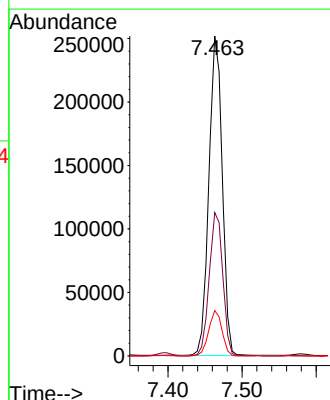
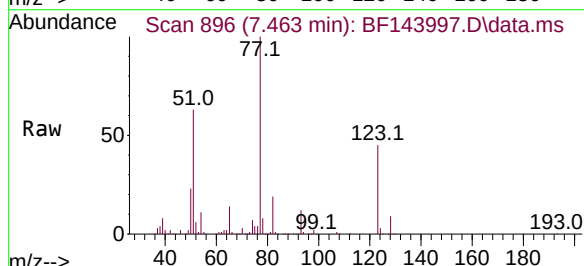
Tgt Ion: 77 Resp: 314885

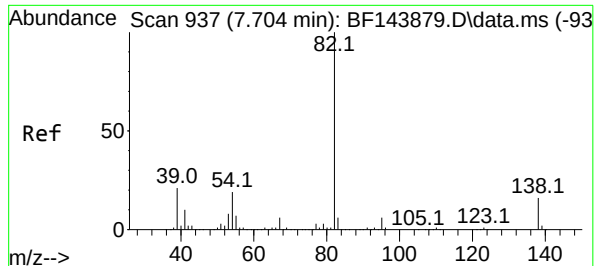
Ion Ratio Lower Upper

77 100

123 44.8 34.2 51.4

65 14.2 11.0 16.6





#25

Isophorone

Concen: 38.057 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

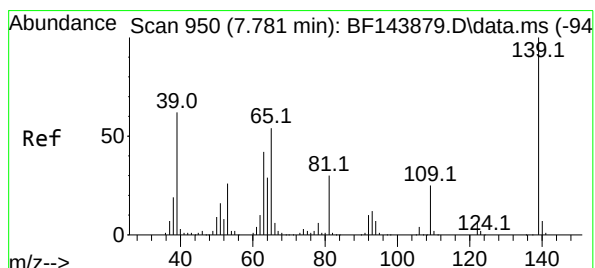
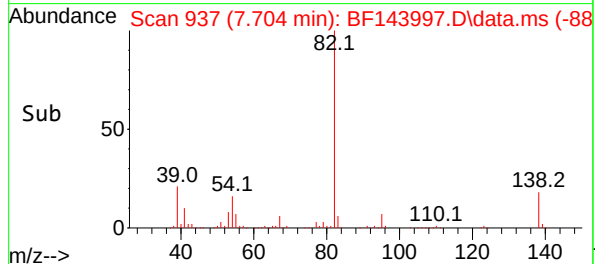
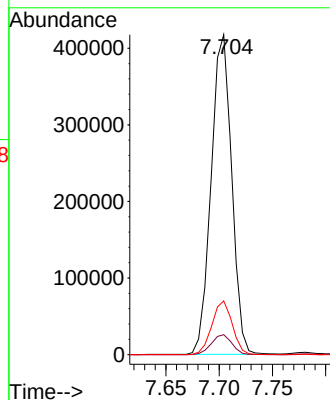
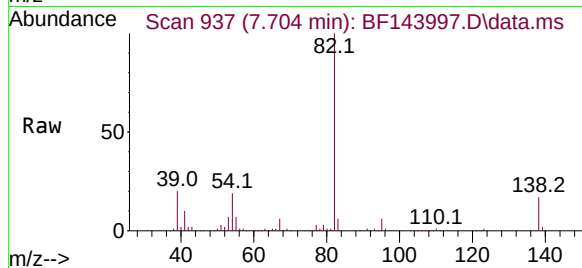
Tgt Ion: 82 Resp: 561074

Ion Ratio Lower Upper

82 100

95 6.2 5.1 7.7

138 16.8 12.9 19.3



#26

2-Nitrophenol

Concen: 45.762 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

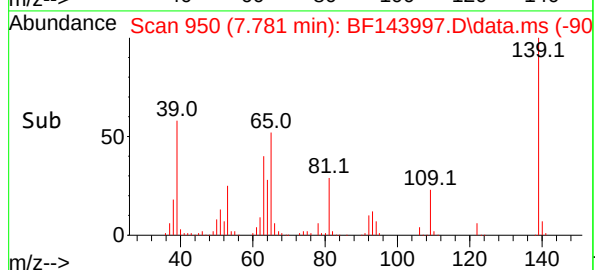
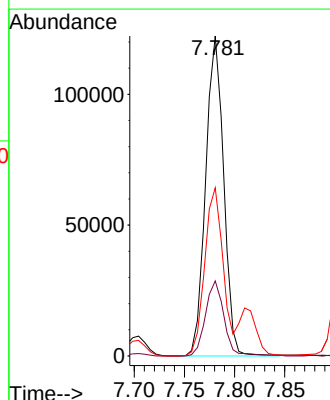
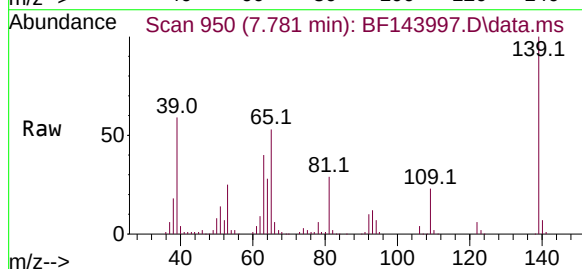
Tgt Ion: 139 Resp: 152343

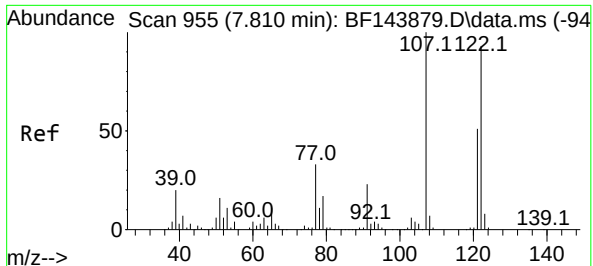
Ion Ratio Lower Upper

139 100

109 23.4 19.8 29.6

65 52.5 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 40.563 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

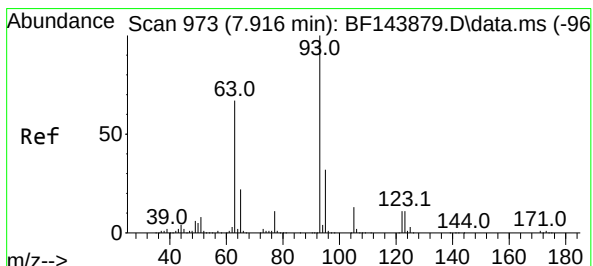
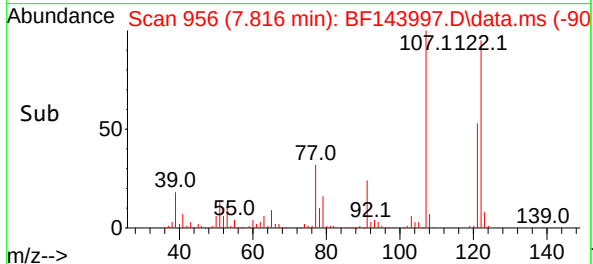
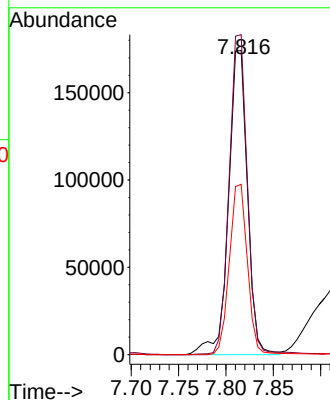
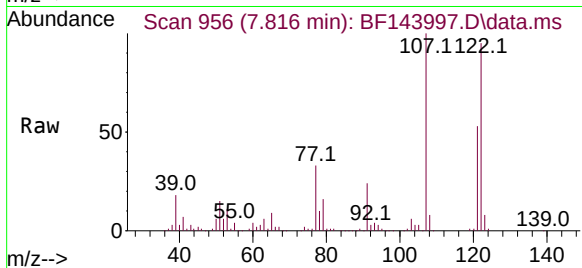
Tgt Ion:122 Resp: 242907

Ion Ratio Lower Upper

122 100

107 105.2 86.1 129.1

121 56.0 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.012 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

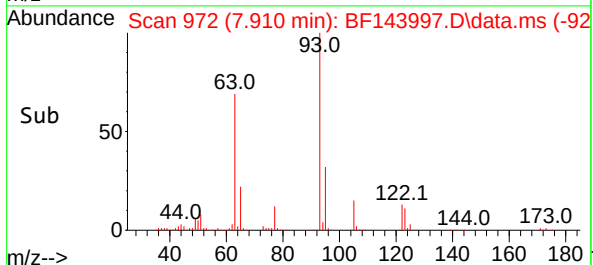
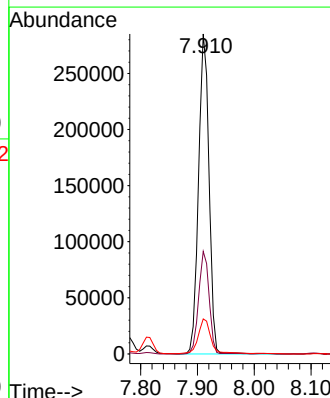
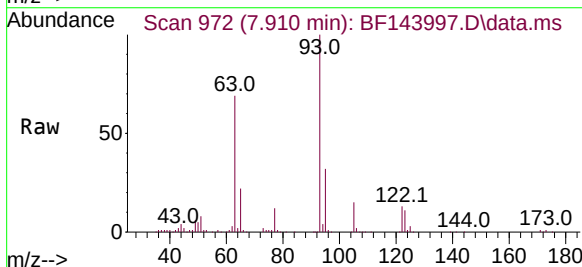
Tgt Ion: 93 Resp: 363320

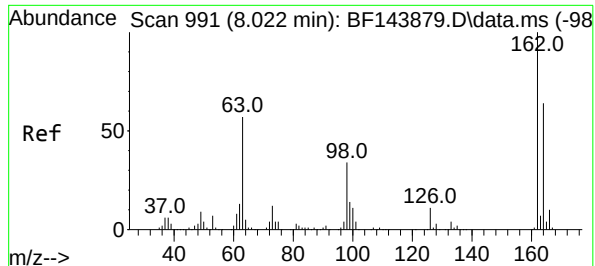
Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.243 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

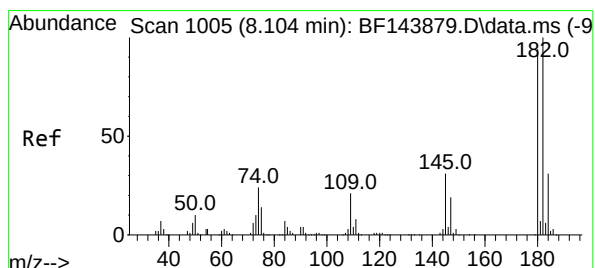
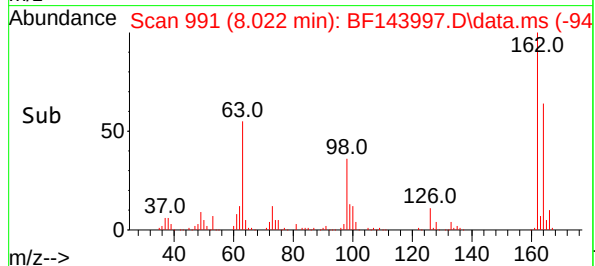
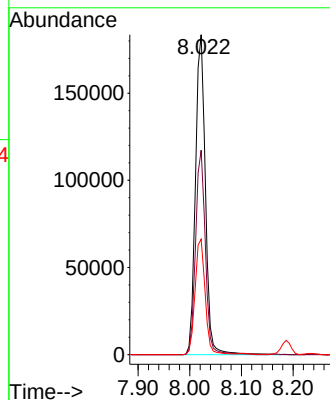
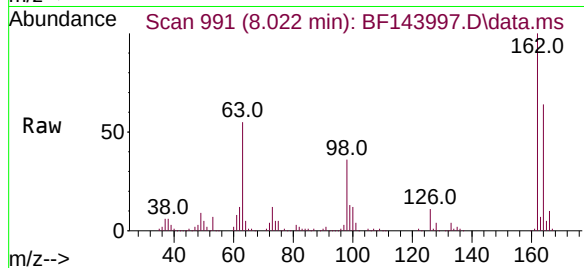
Tgt Ion:162 Resp: 244787

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 36.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 39.607 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

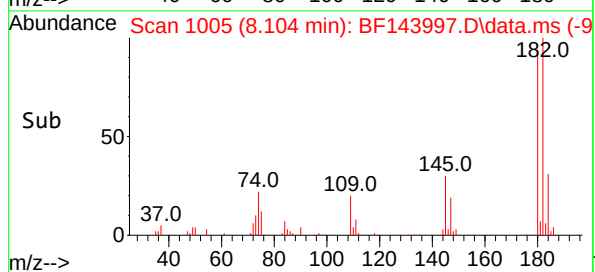
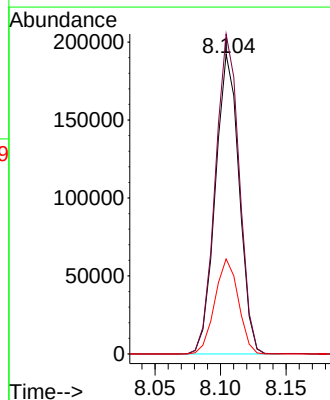
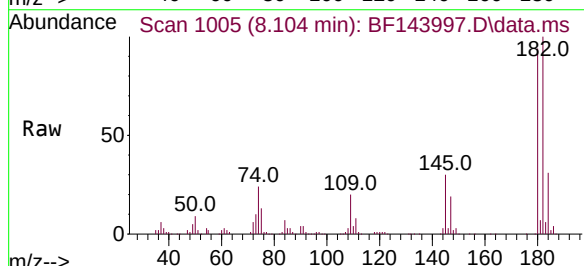
Tgt Ion:180 Resp: 242977

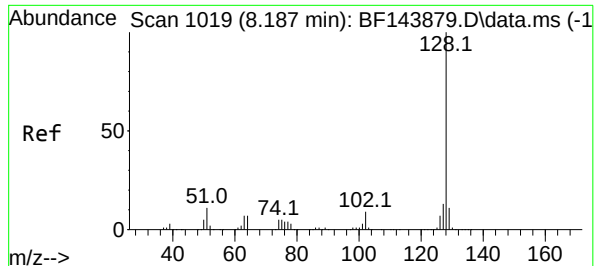
Ion Ratio Lower Upper

180 100

182 106.8 85.4 128.0

145 31.7 26.3 39.5





#31

Naphthalene

Concen: 39.234 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

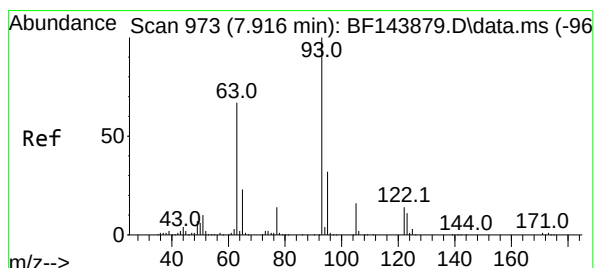
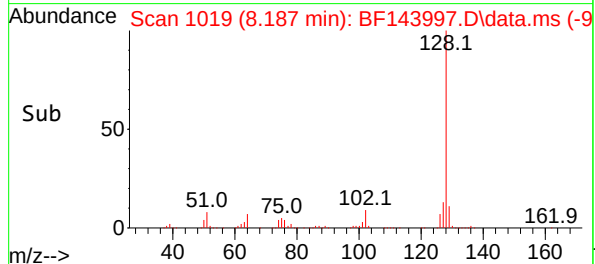
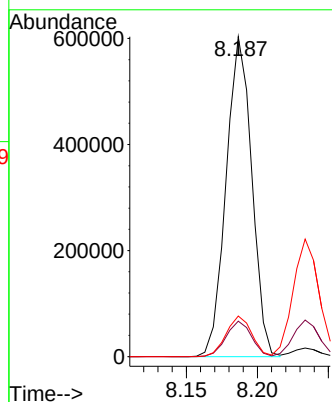
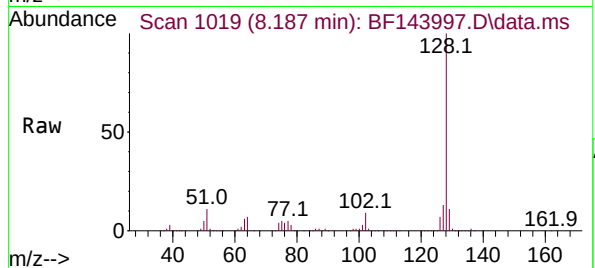
Tgt Ion:128 Resp: 758157

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 37.714 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

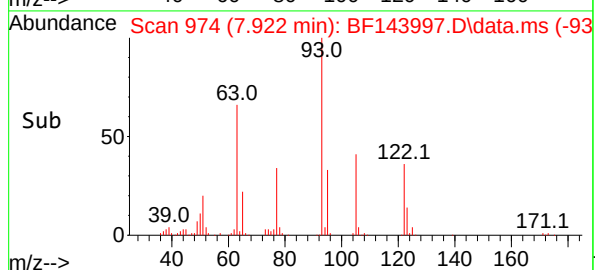
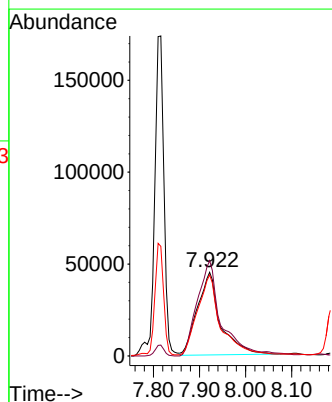
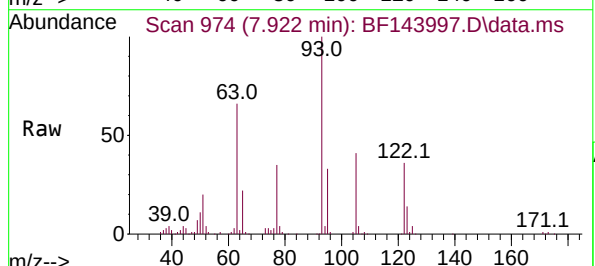
Tgt Ion:122 Resp: 156304

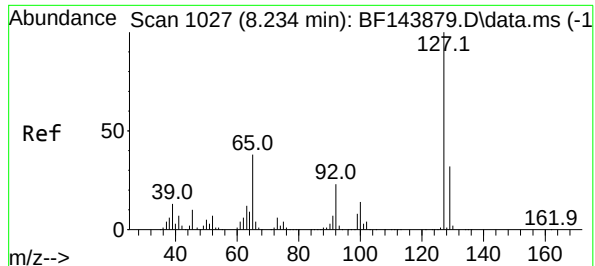
Ion Ratio Lower Upper

122 100

105 114.0 93.5 133.5

77 97.0 76.3 116.3





#33

4-Chloroaniline

Concen: 39.691 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 287656

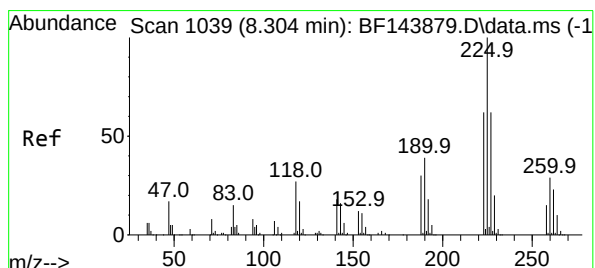
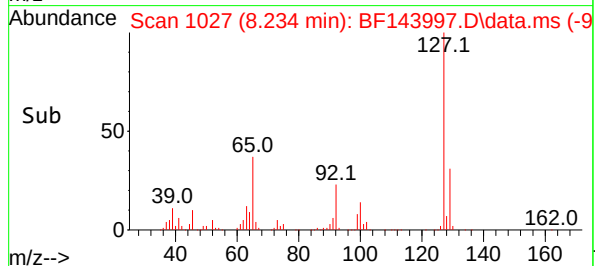
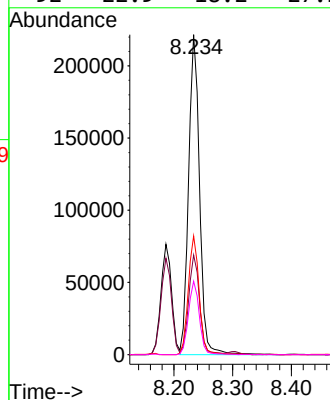
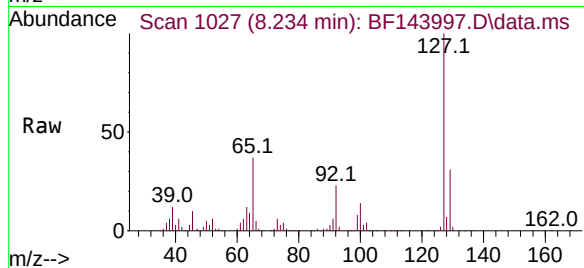
Ion Ratio Lower Upper

127 100

129 31.1 25.8 38.8

65 37.1 30.0 45.0

92 22.9 18.2 27.2



#34

Hexachlorobutadiene

Concen: 38.752 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

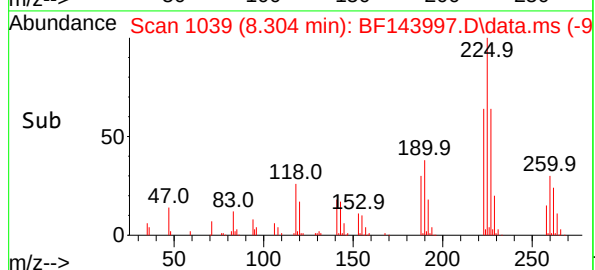
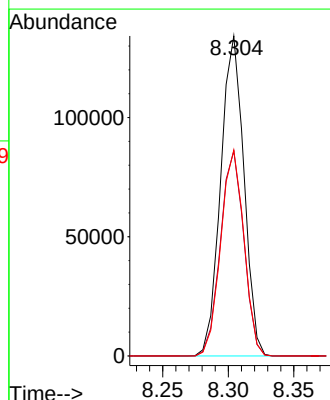
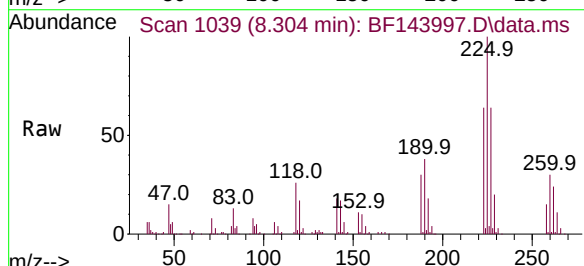
Tgt Ion:225 Resp: 165202

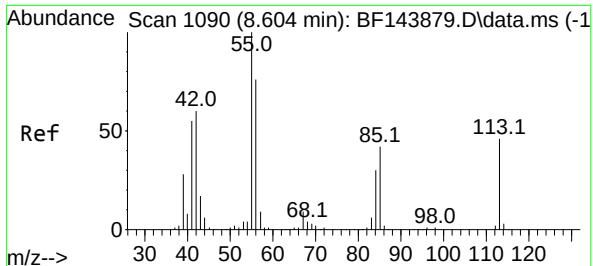
Ion Ratio Lower Upper

225 100

223 64.0 49.4 74.2

227 64.3 49.7 74.5





#35

Caprolactam

Concen: 39.344 ng

RT: 8.604 min Scan# 1090

Delta R.T. -0.041 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

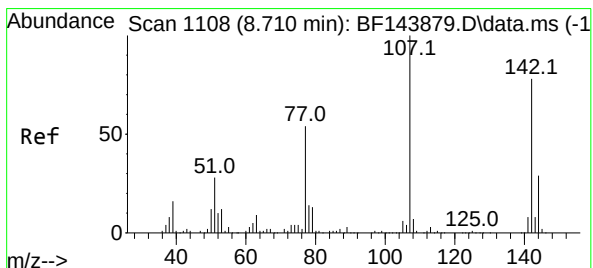
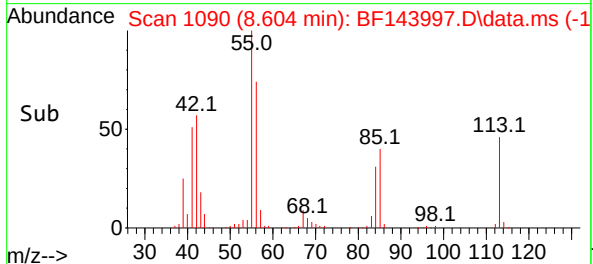
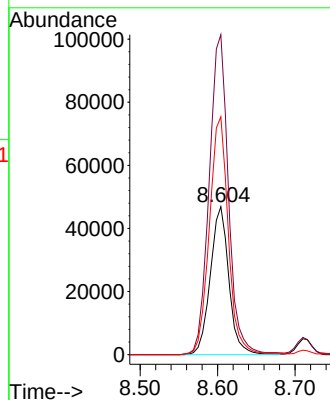
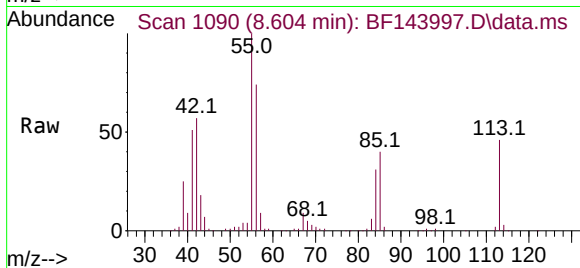
Tgt Ion:113 Resp: 78033

Ion Ratio Lower Upper

113 100

55 216.3 199.6 239.6

56 160.7 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 38.675 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

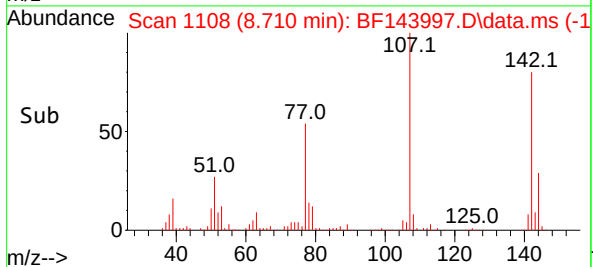
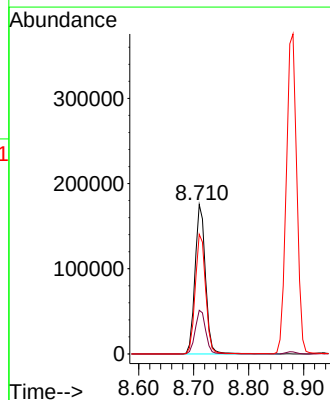
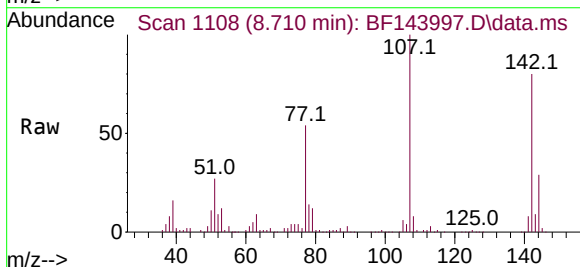
Tgt Ion:107 Resp: 231734

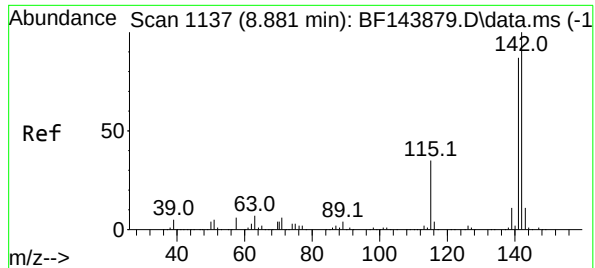
Ion Ratio Lower Upper

107 100

144 29.2 23.1 34.7

142 80.0 62.6 94.0





#37

2-Methylnaphthalene

Concen: 38.483 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

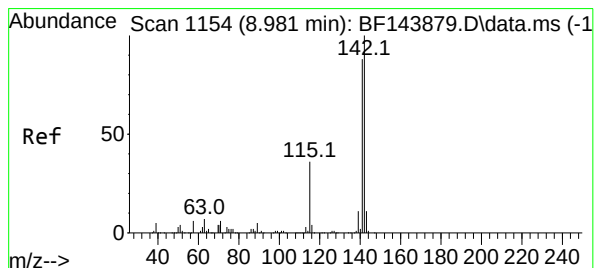
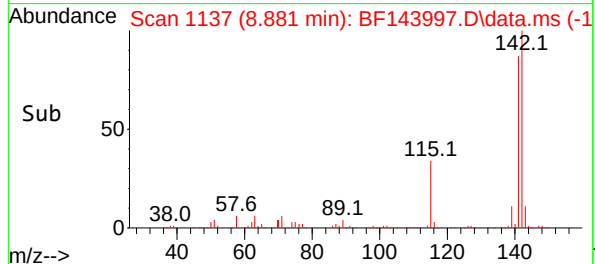
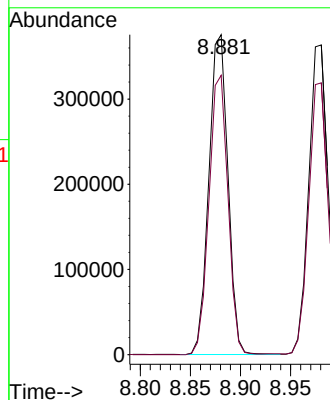
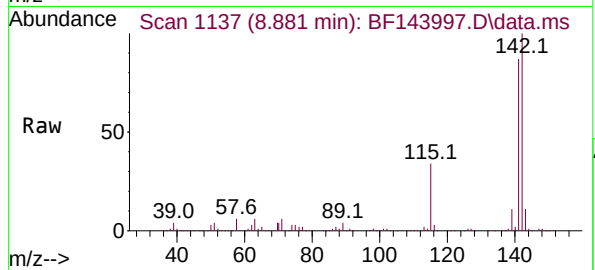
SSTDCCC040

Tgt Ion:142 Resp: 495354

Ion Ratio Lower Upper

142 100

141 87.3 69.2 103.8



#38

1-Methylnaphthalene

Concen: 38.454 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143997.D

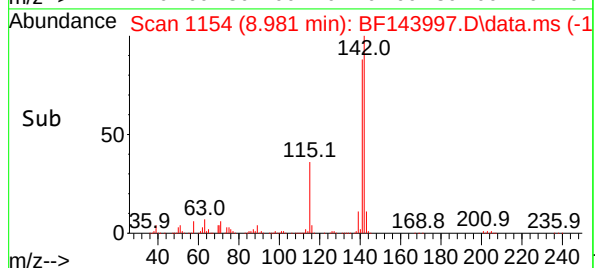
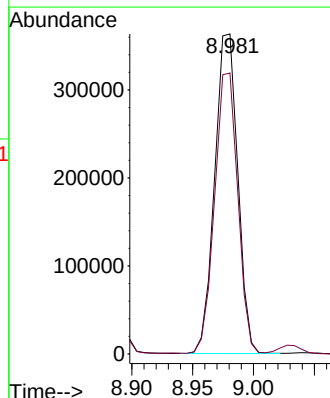
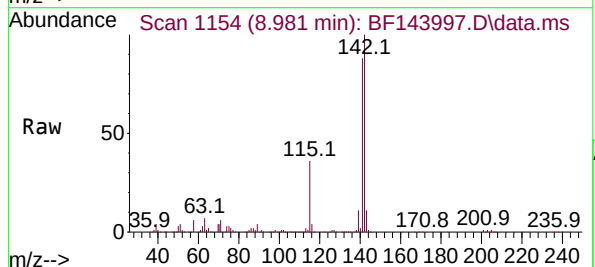
Acq: 20 Oct 2025 13:28

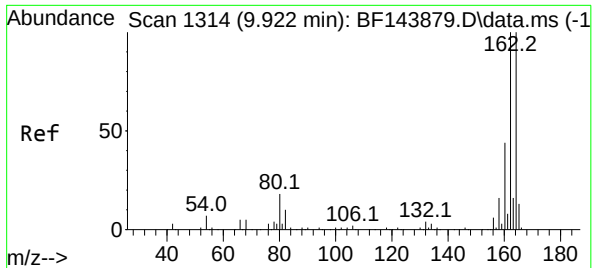
Tgt Ion:142 Resp: 480130

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

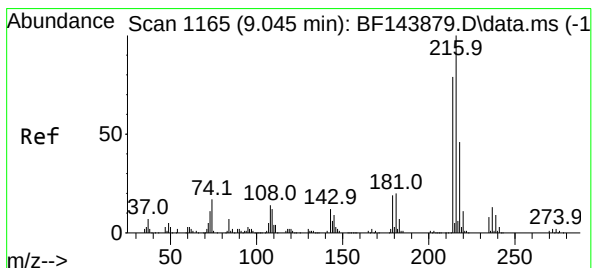
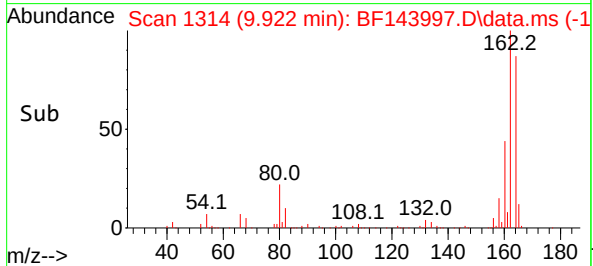
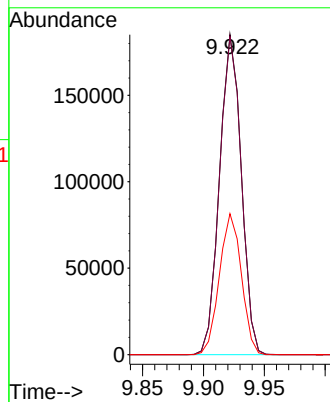
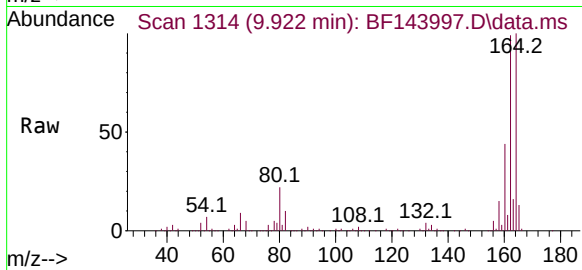
Tgt Ion:164 Resp: 230266

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.516 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion:216 Resp: 257851

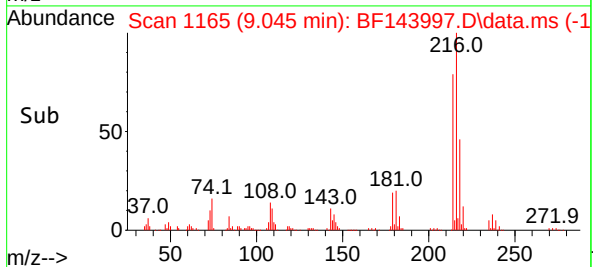
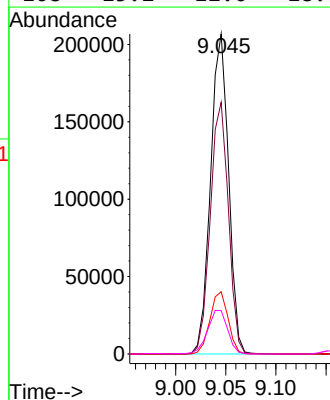
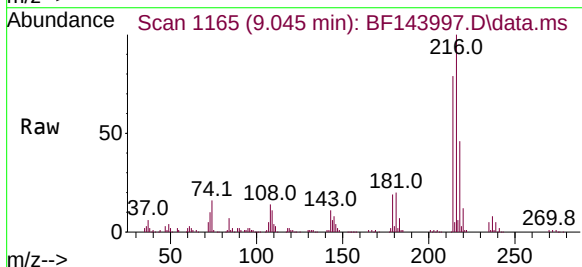
Ion Ratio Lower Upper

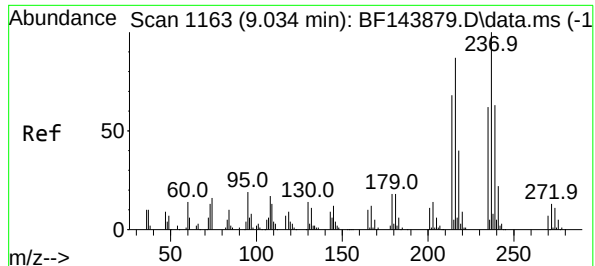
216 100

214 78.9 62.6 94.0

179 19.5 15.4 23.0

108 15.2 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 41.223 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

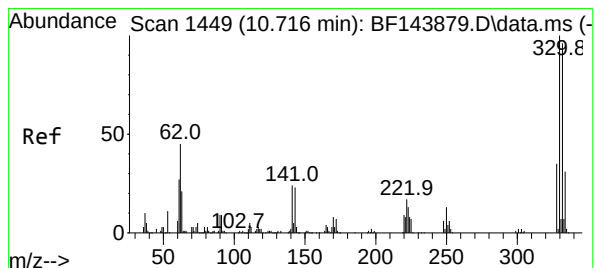
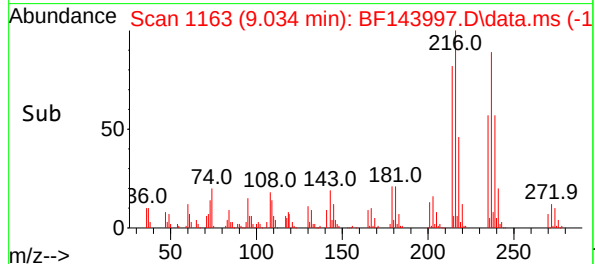
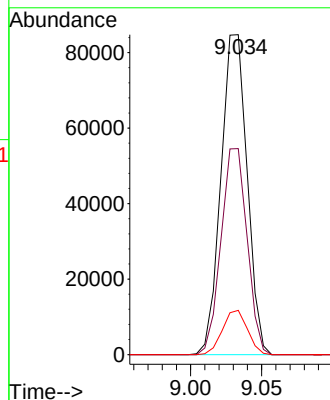
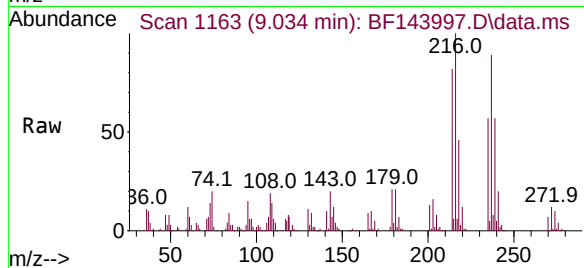
Tgt Ion:237 Resp: 108840

Ion Ratio Lower Upper

237 100

235 64.4 42.3 82.3

272 13.8 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 79.625 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

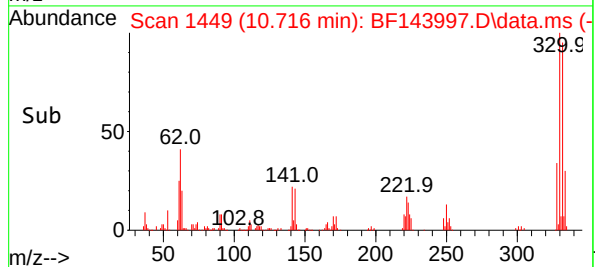
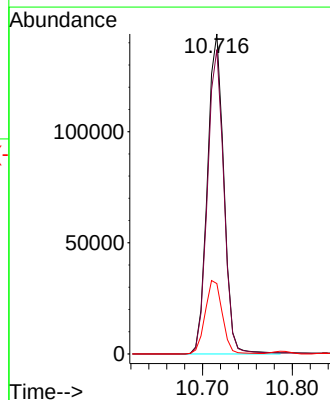
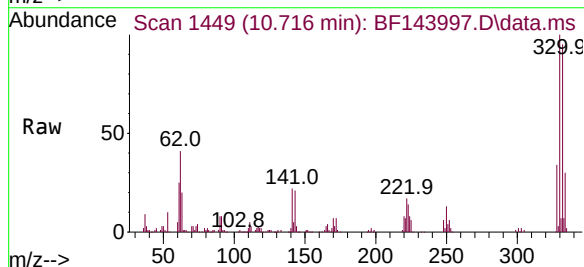
Tgt Ion:330 Resp: 182619

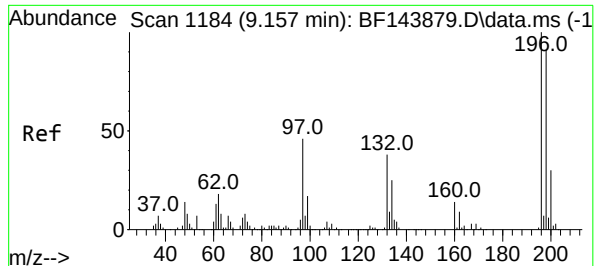
Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

141 24.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 40.143 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

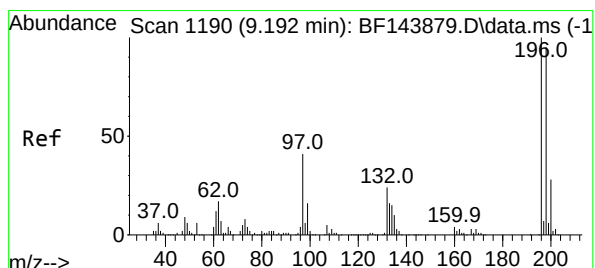
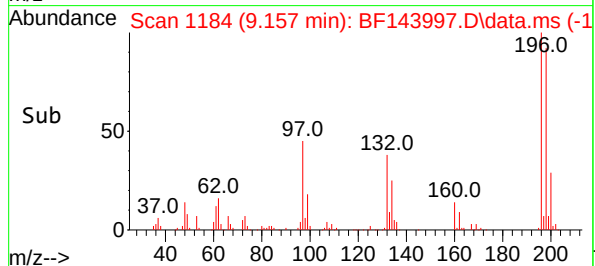
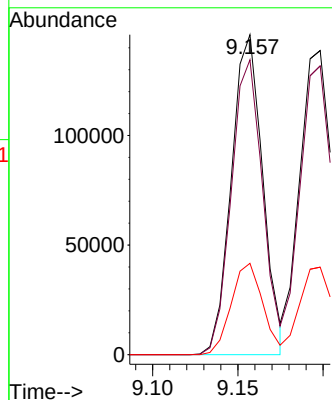
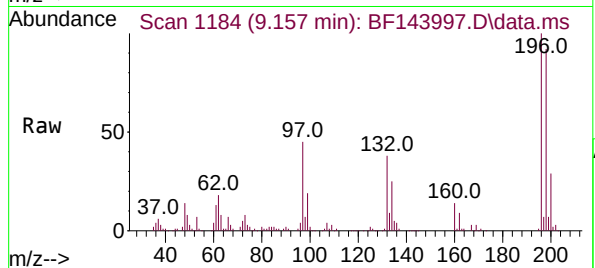
Tgt Ion:196 Resp: 186670

Ion Ratio Lower Upper

196 100

198 92.1 72.8 109.2

200 28.5 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 39.592 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion:196 Resp: 194558

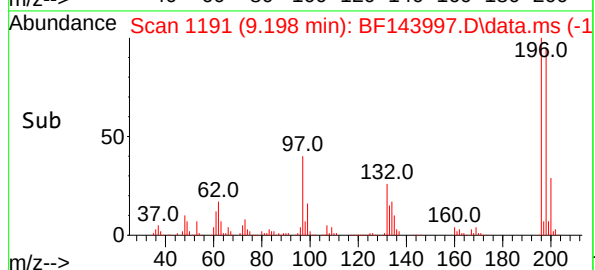
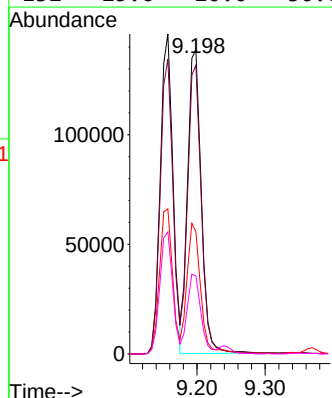
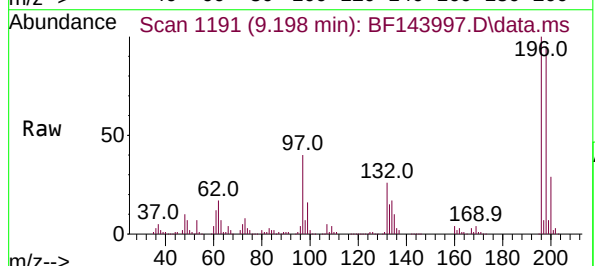
Ion Ratio Lower Upper

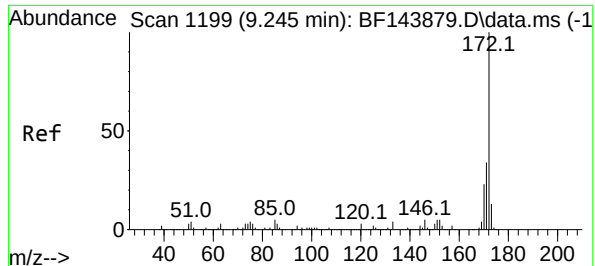
196 100

198 94.9 75.5 113.3

97 40.3 33.9 50.9

132 25.6 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 74.153 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

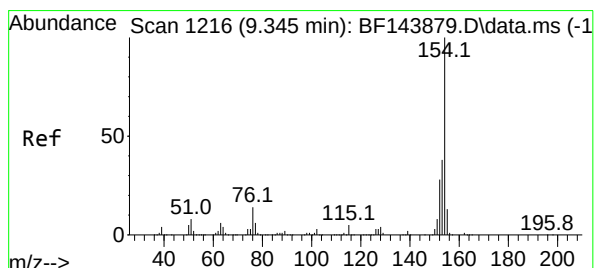
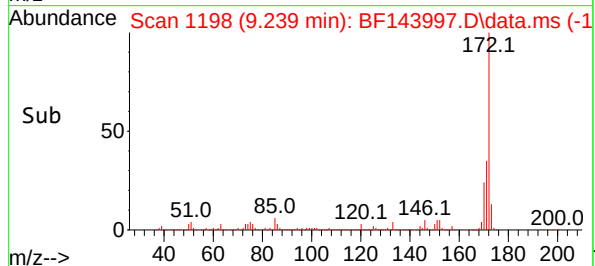
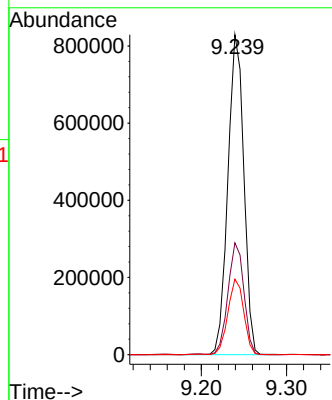
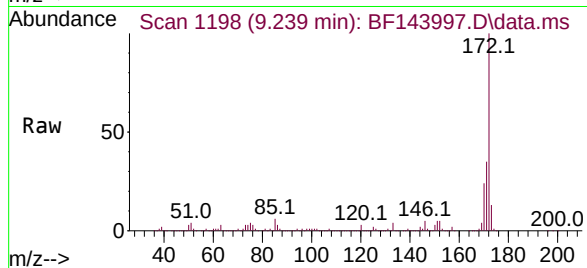
Tgt Ion:172 Resp: 1076099

Ion Ratio Lower Upper

172 100

171 34.9 27.4 41.0

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.160 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

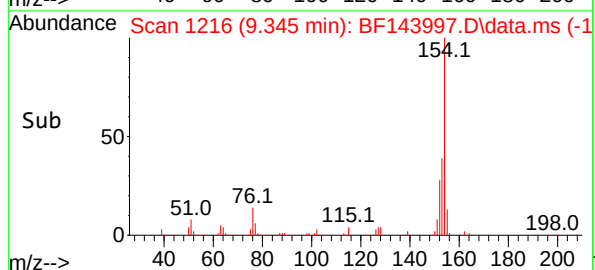
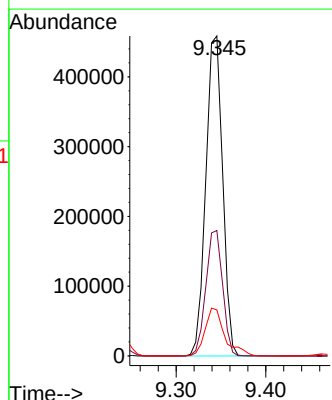
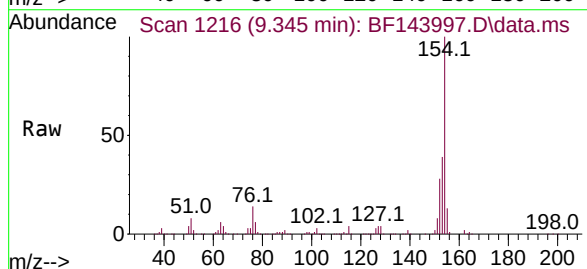
Tgt Ion:154 Resp: 597014

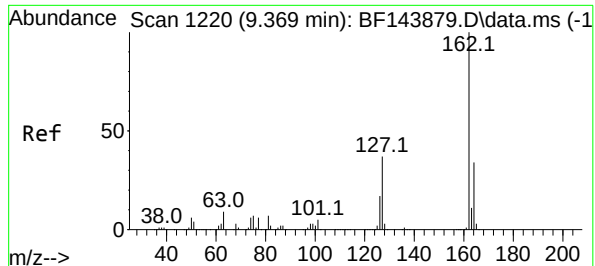
Ion Ratio Lower Upper

154 100

153 39.2 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 40.014 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

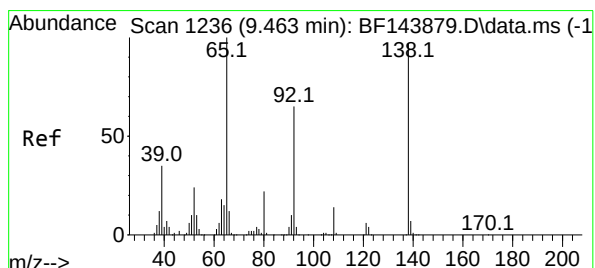
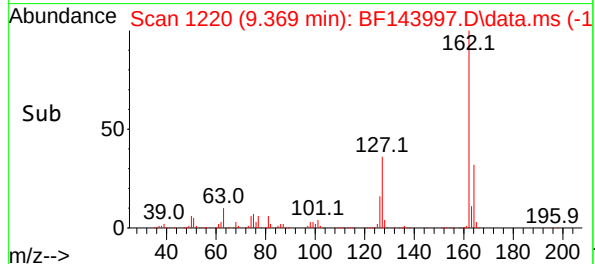
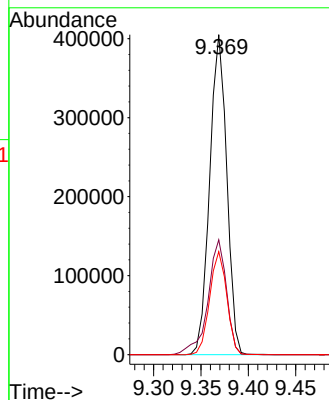
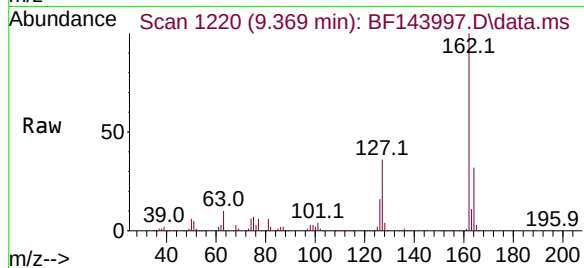
Tgt Ion:162 Resp: 508631

Ion Ratio Lower Upper

162 100

127 35.9 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 42.245 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

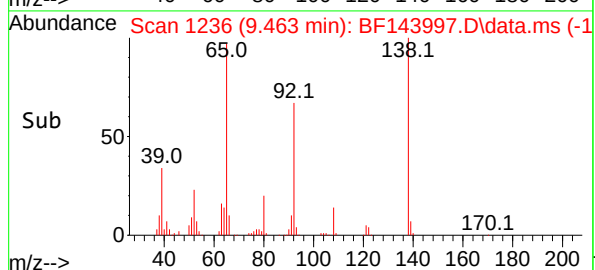
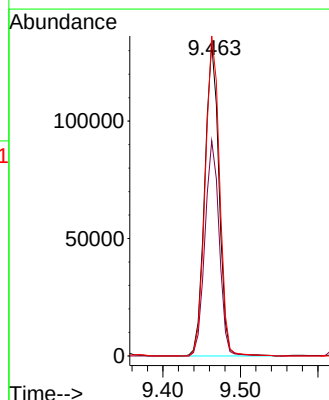
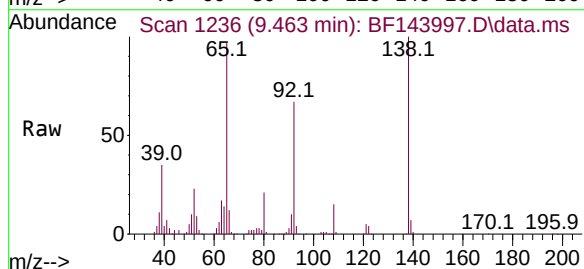
Tgt Ion: 65 Resp: 169771

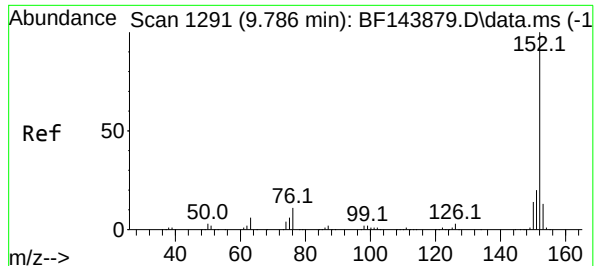
Ion Ratio Lower Upper

65 100

92 69.0 52.1 78.1

138 102.6 77.4 116.2





#49

Acenaphthylene

Concen: 40.020 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

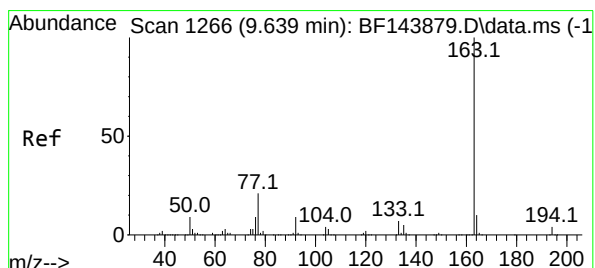
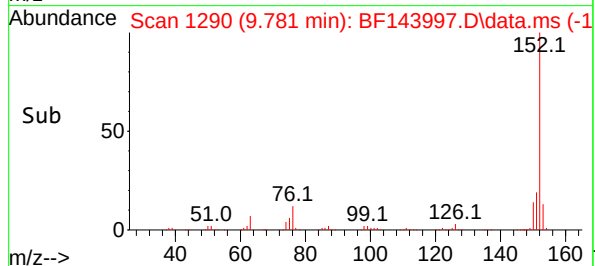
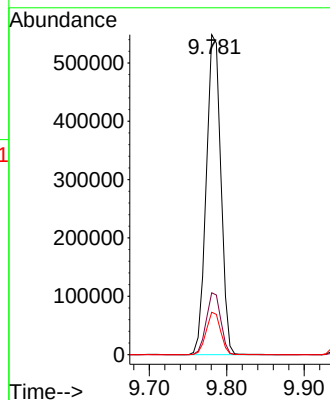
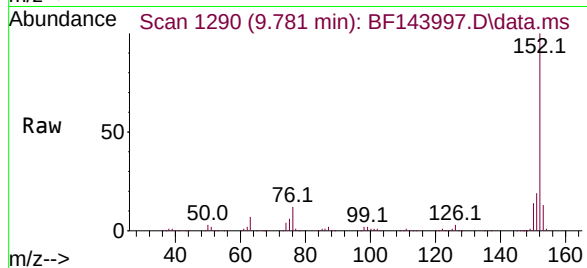
Tgt Ion:152 Resp: 715169

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 38.976 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

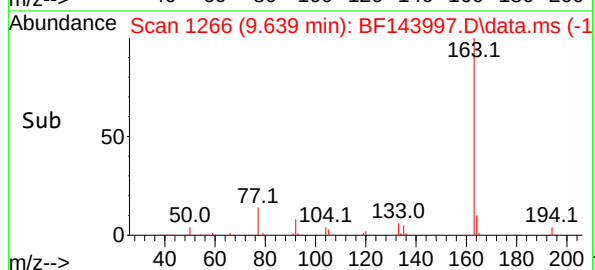
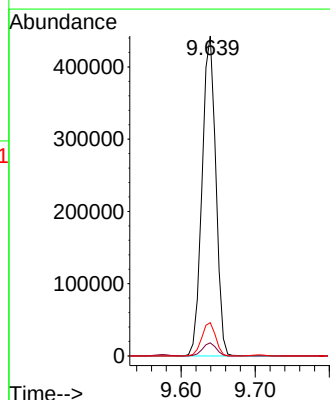
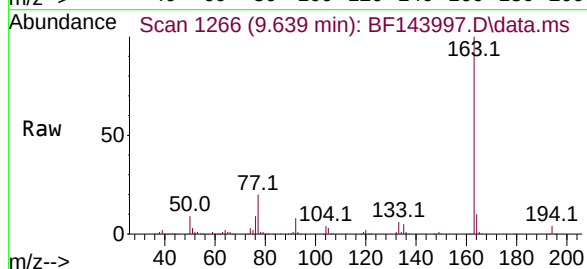
Tgt Ion:163 Resp: 569940

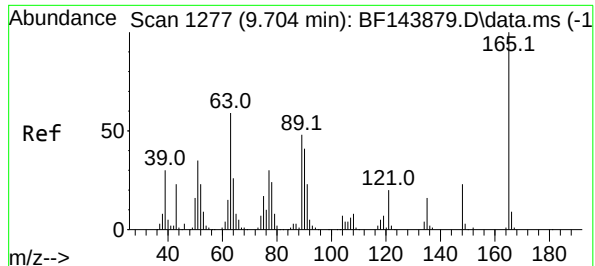
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.1 12.1

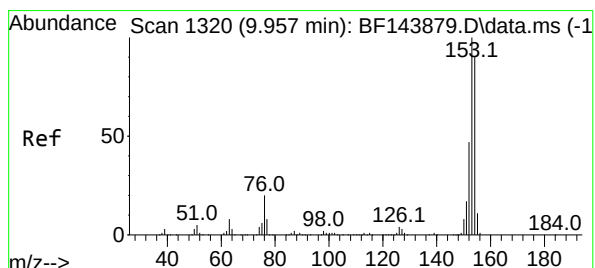
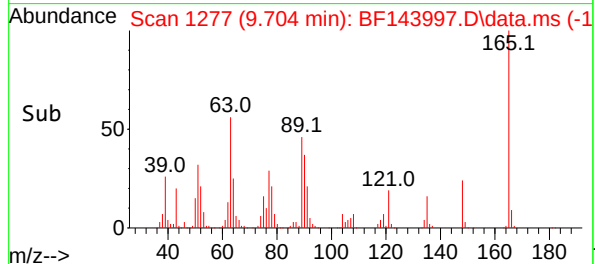
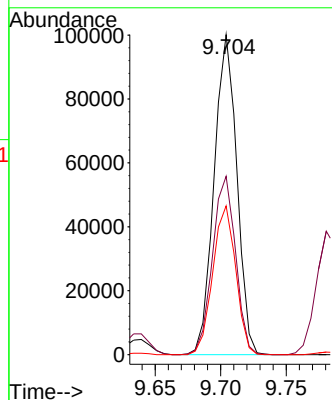
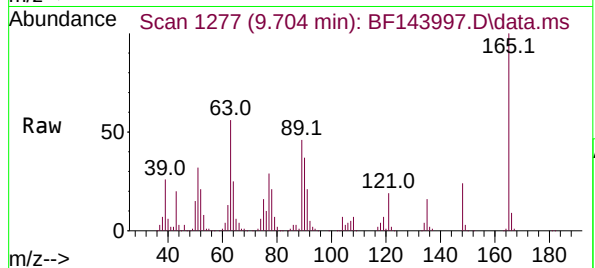




#51
2,6-Dinitrotoluene
Concen: 44.543 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

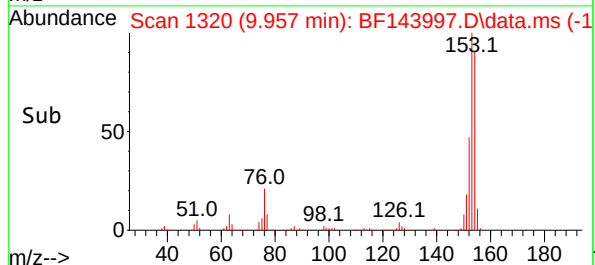
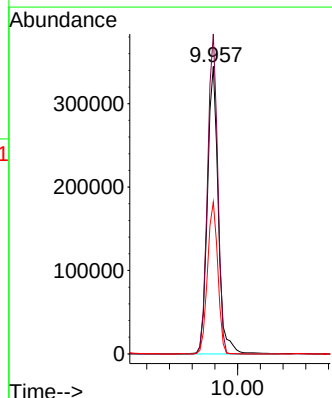
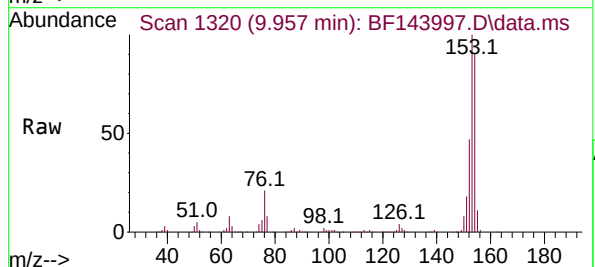
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

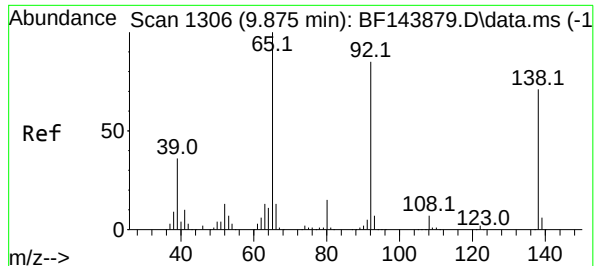
Tgt Ion:165 Resp: 120781
Ion Ratio Lower Upper
165 100
63 55.7 47.3 70.9
89 46.5 38.2 57.4



#52
Acenaphthene
Concen: 39.116 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:154 Resp: 458028
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 52.8 42.2 63.2





#53

3-Nitroaniline

Concen: 42.535 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

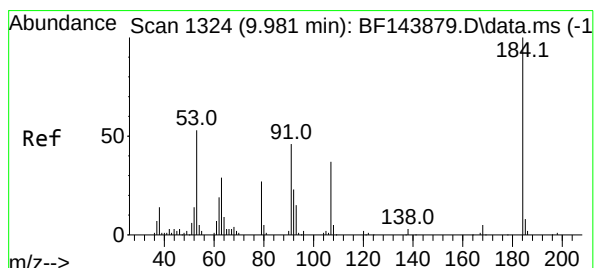
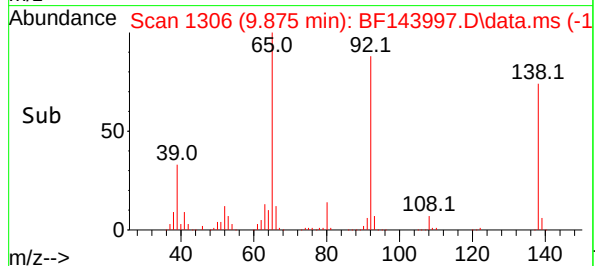
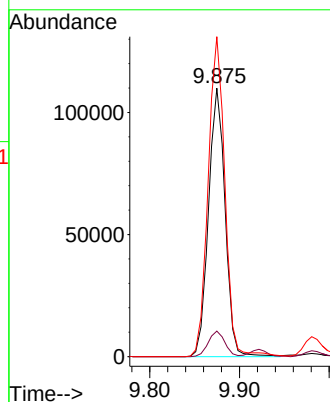
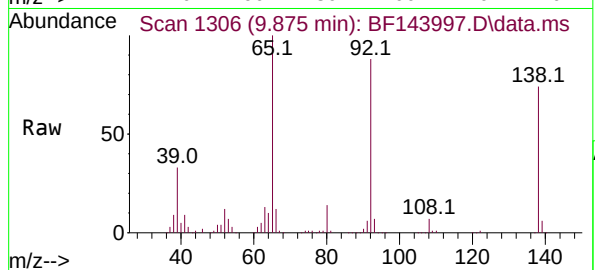
Tgt Ion:138 Resp: 141223

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

92 119.2 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 35.105 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

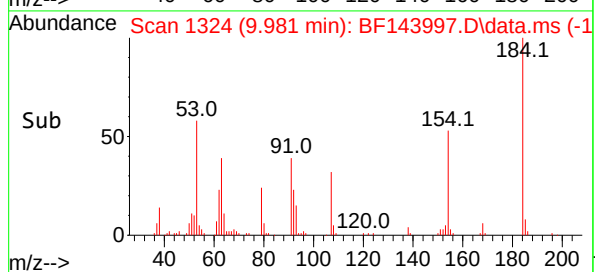
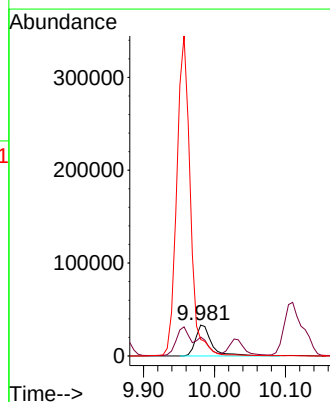
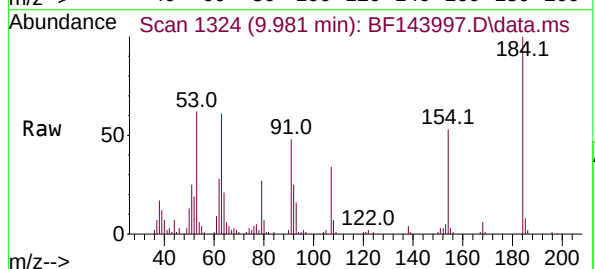
Tgt Ion:184 Resp: 51582

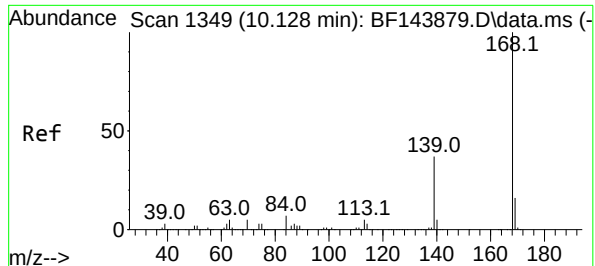
Ion Ratio Lower Upper

184 100

63 61.4 48.2 72.4

154 53.3 49.2 73.8





#55

Dibenzenofuran

Concen: 39.478 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

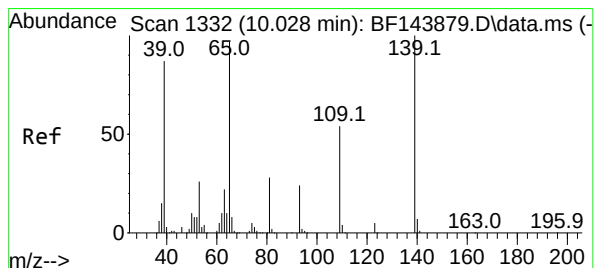
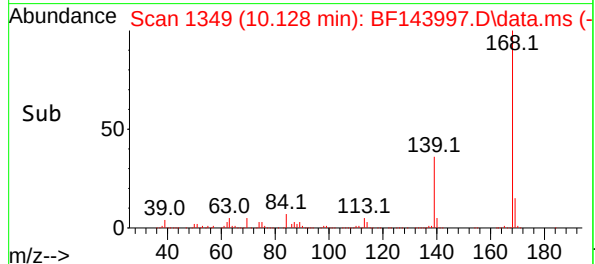
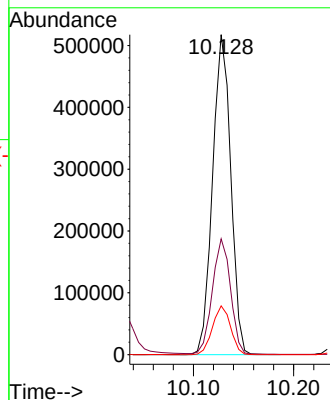
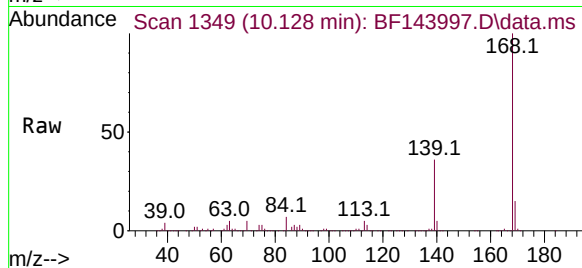
Tgt Ion:168 Resp: 652550

Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.8

169 15.2 12.8 19.2



#56

4-Nitrophenol

Concen: 38.222 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

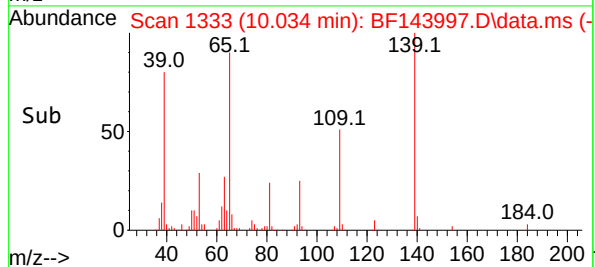
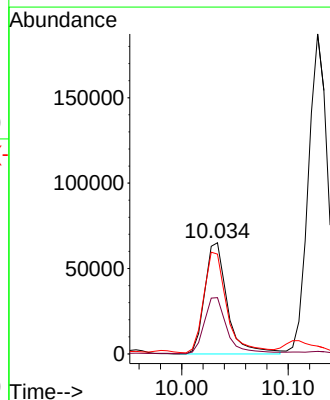
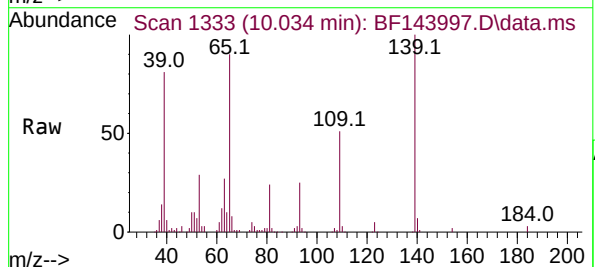
Tgt Ion:139 Resp: 96087

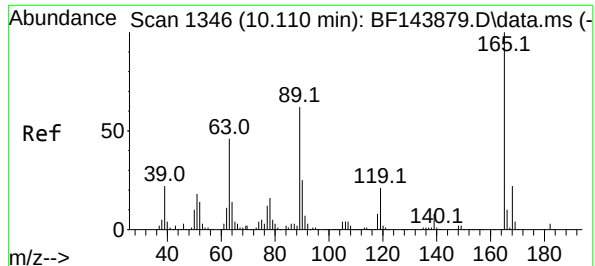
Ion Ratio Lower Upper

139 100

109 50.6 34.5 74.5

65 89.8 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 45.401 ng

RT: 10.110 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 167503

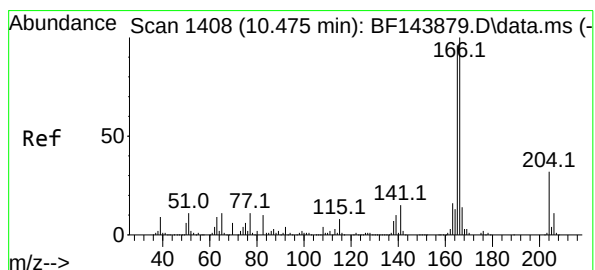
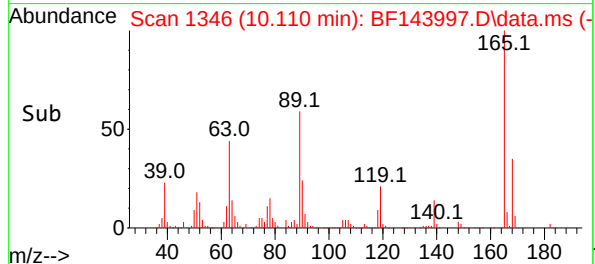
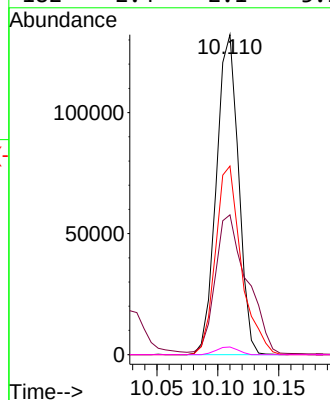
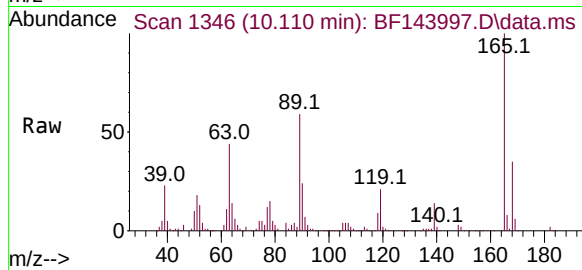
Ion Ratio Lower Upper

165 100

63 43.7 37.2 55.8

89 58.9 49.4 74.2

182 2.4 2.1 3.1



#58

Fluorene

Concen: 38.388 ng

RT: 10.475 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

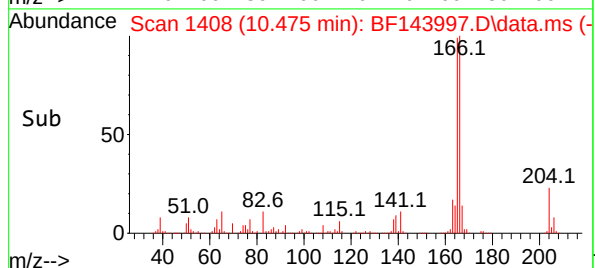
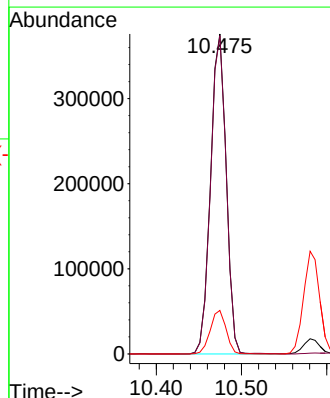
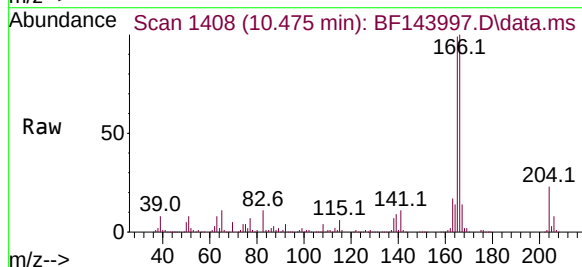
Tgt Ion:166 Resp: 478793

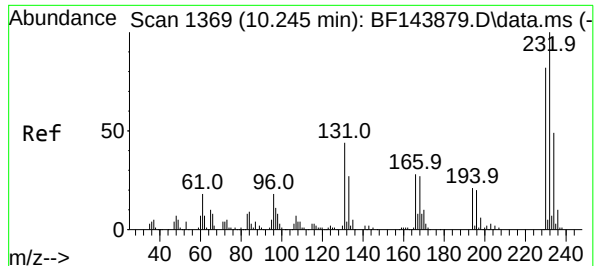
Ion Ratio Lower Upper

166 100

165 99.4 77.0 115.6

167 13.6 11.1 16.7

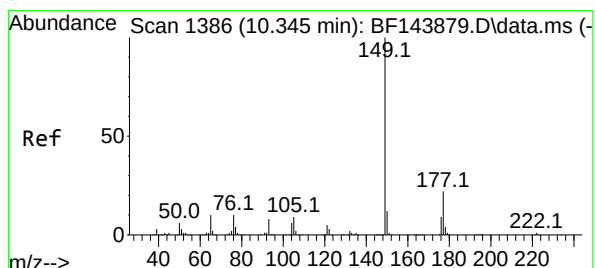
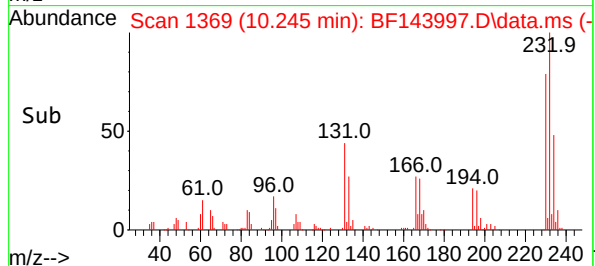
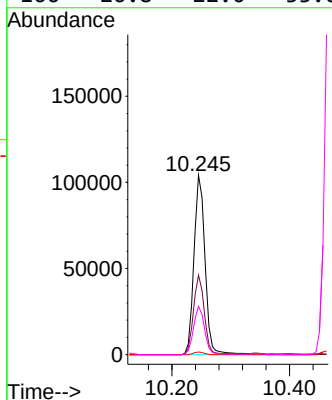
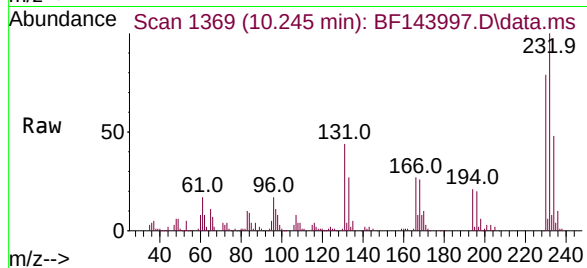




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.485 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

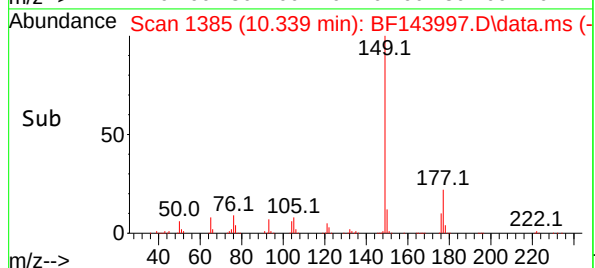
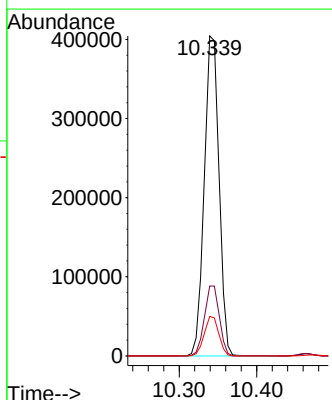
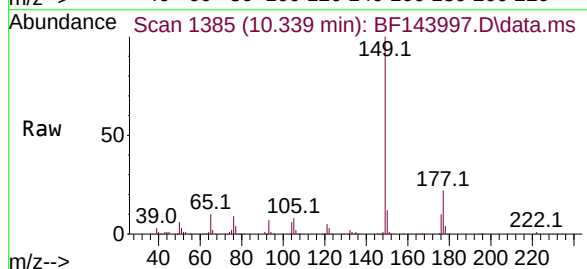
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

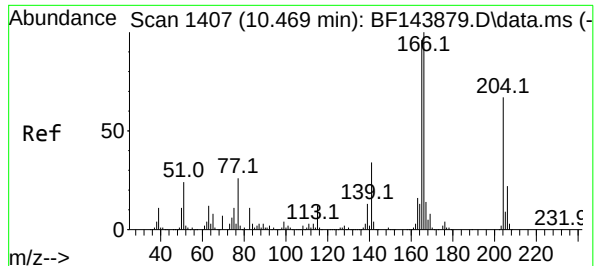
Tgt Ion:232 Resp: 137352
Ion Ratio Lower Upper
232 100
131 43.4 34.9 52.3
130 1.4 1.6 2.4#
166 26.8 22.0 33.0



#60
Diethylphthalate
Concen: 39.405 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 535315
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.3 9.8 14.8

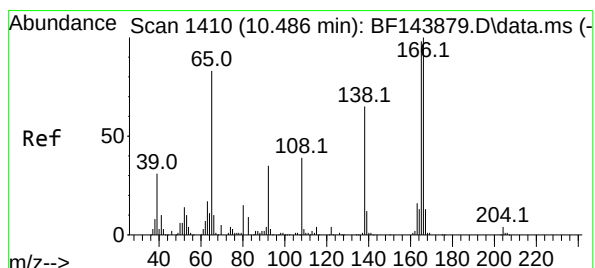
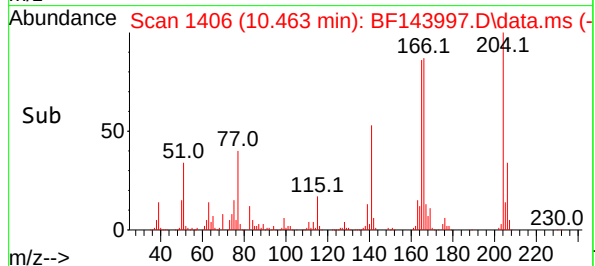
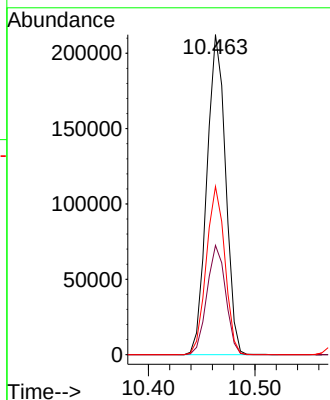
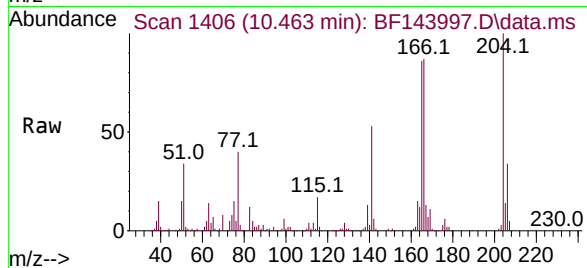




#61
4-Chlorophenyl-phenylether
Concen: 39.311 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

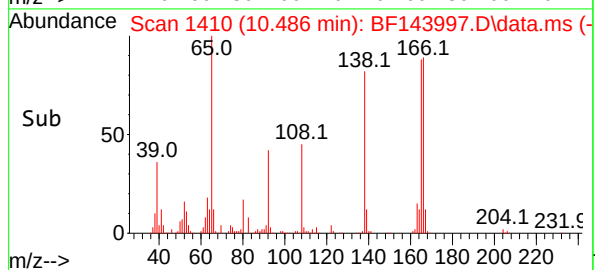
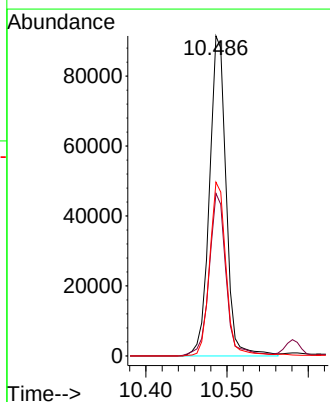
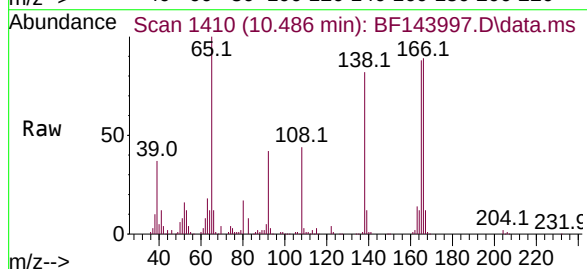
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

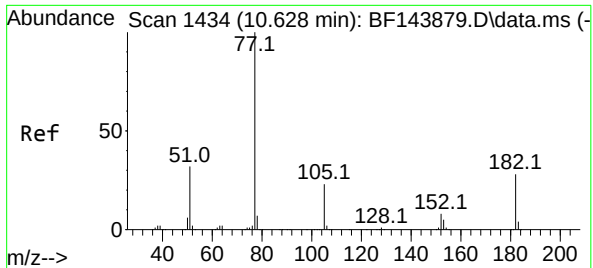
Tgt Ion:204 Resp: 259220
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 52.5 40.4 60.6



#62
4-Nitroaniline
Concen: 40.972 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:138 Resp: 130811
Ion Ratio Lower Upper
138 100
92 50.8 33.9 73.9
108 54.3 40.2 80.2

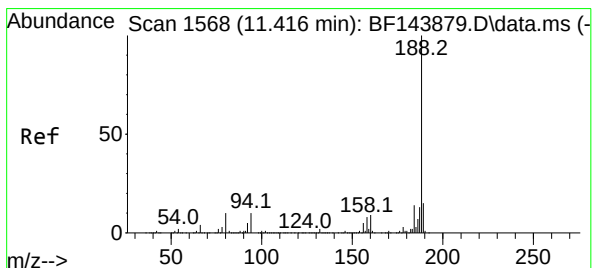
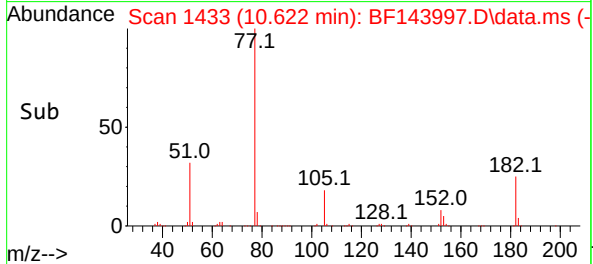
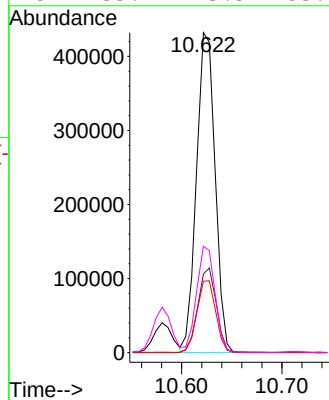
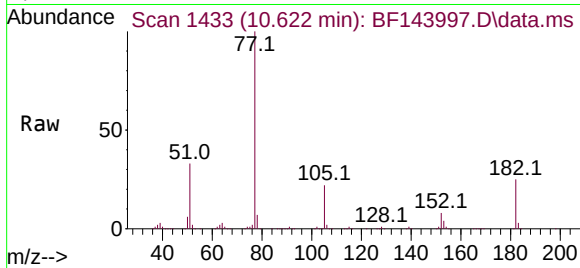




#63
Azobenzene
Concen: 39.330 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

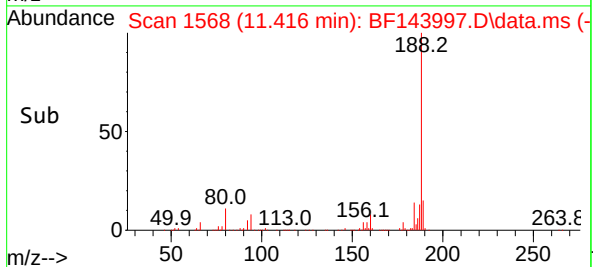
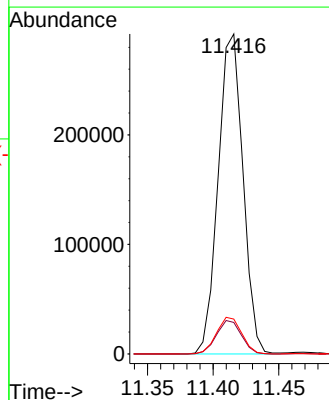
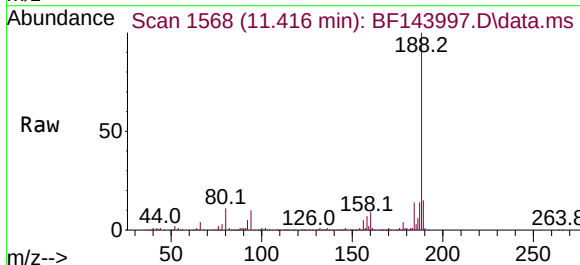
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

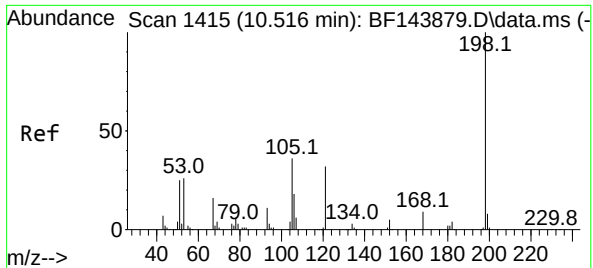
Tgt Ion: 77	Resp: 558403
Ion Ratio	Lower Upper
77 100	
182 24.6	7.3 47.3
105 22.3	3.0 43.0
51 33.2	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:188	Resp: 385198
Ion Ratio	Lower Upper
188 100	
94 9.9	7.8 11.6
80 10.9	7.9 11.9

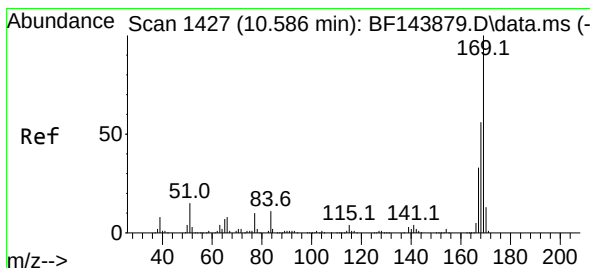
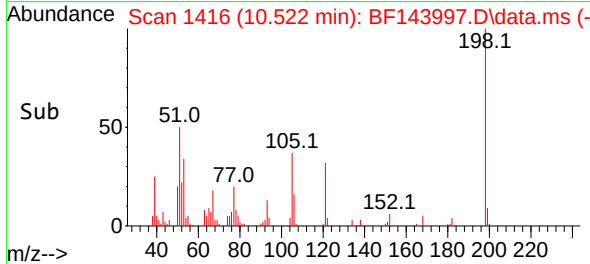
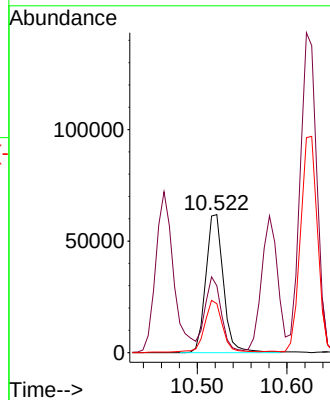
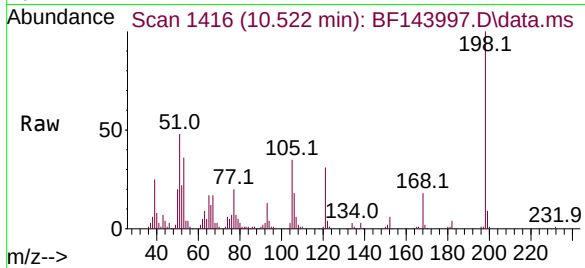




#65
4,6-Dinitro-2-methylphenol
Concen: 43.655 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

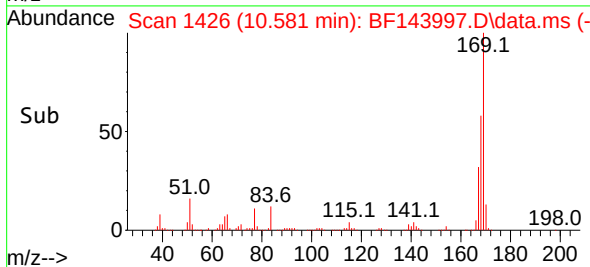
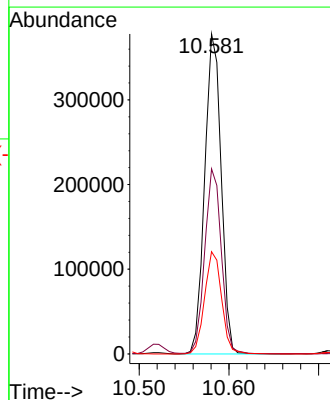
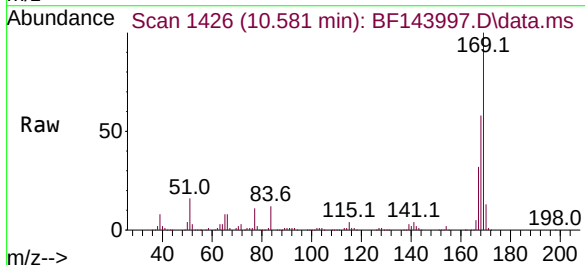
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

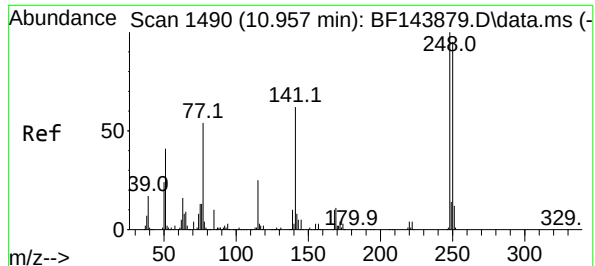
Tgt Ion:198 Resp: 84504
Ion Ratio Lower Upper
198 100
51 48.4 33.8 73.8
105 35.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 39.818 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:169 Resp: 481588
Ion Ratio Lower Upper
169 100
168 57.8 44.9 67.3
167 31.9 26.3 39.5

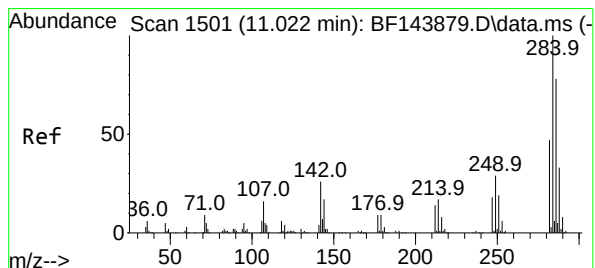
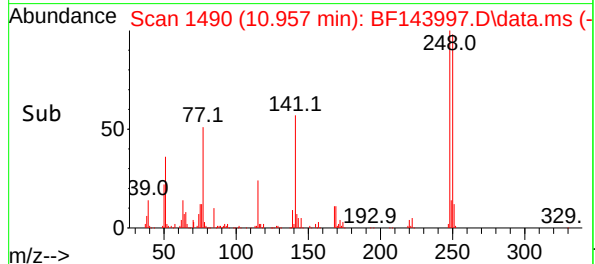
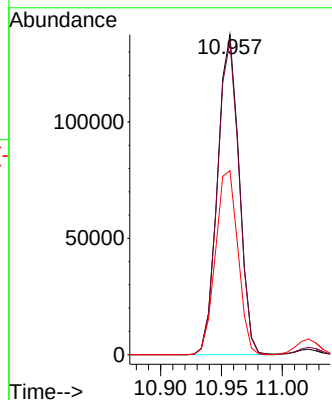
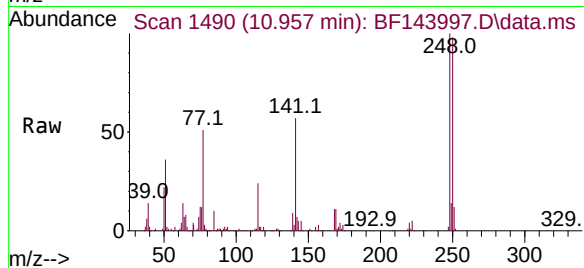




#67
4-Bromophenyl-phenylether
Concen: 39.762 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

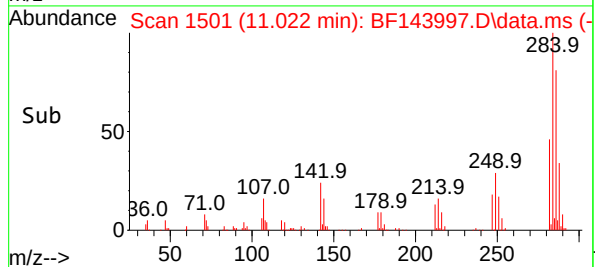
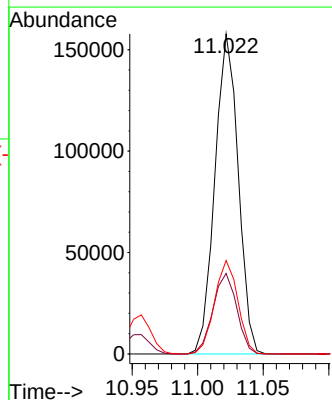
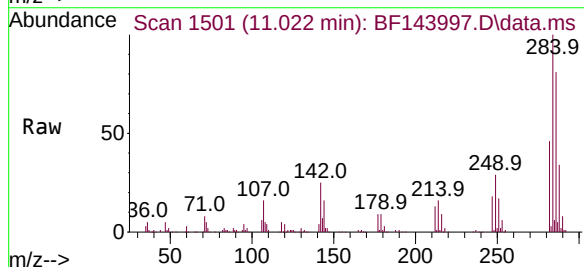
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

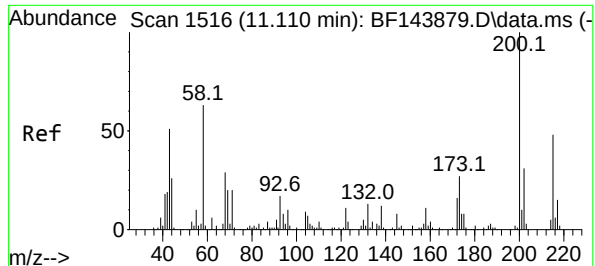
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.3	114.5
141	57.5	49.7	74.5



#68
Hexachlorobenzene
Concen: 39.674 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	20.6	30.8
249	29.2	23.2	34.8





#69

Atrazine

Concen: 39.148 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

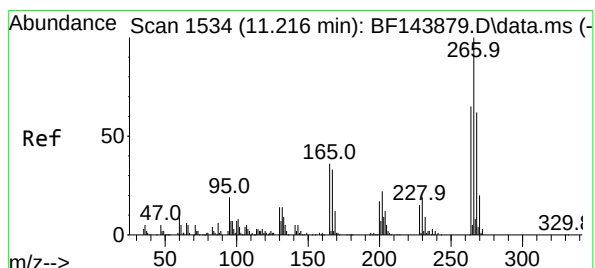
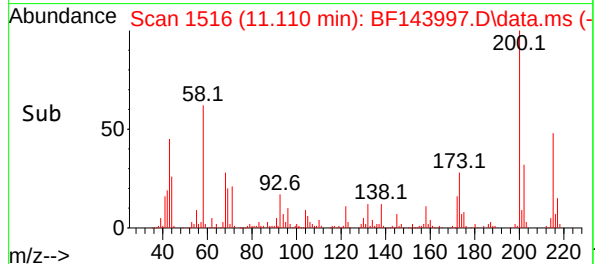
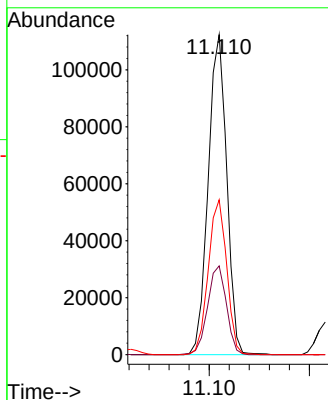
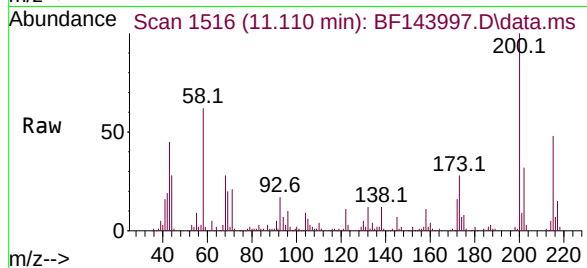
Tgt Ion:200 Resp: 143511

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 35.771 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

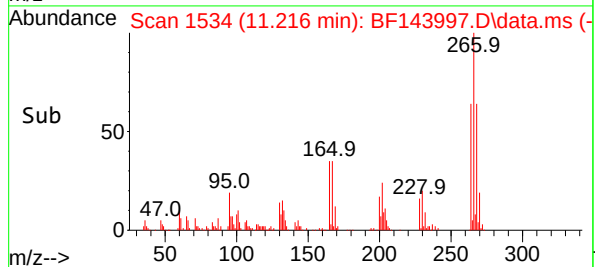
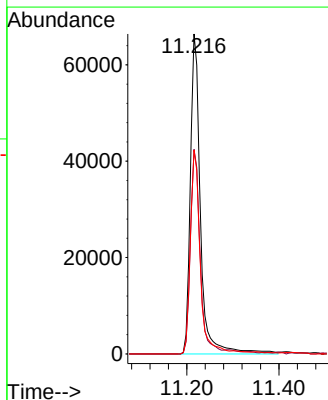
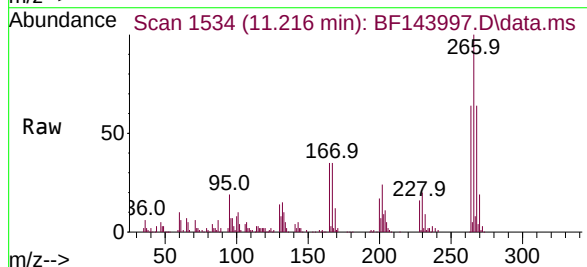
Tgt Ion:266 Resp: 101251

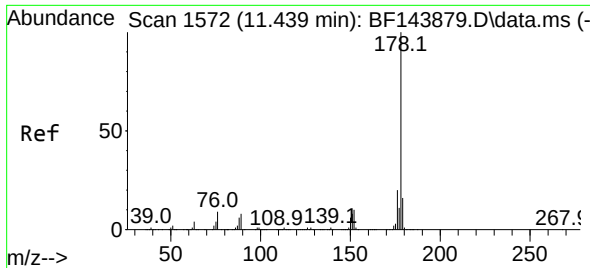
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 63.7 51.8 77.6

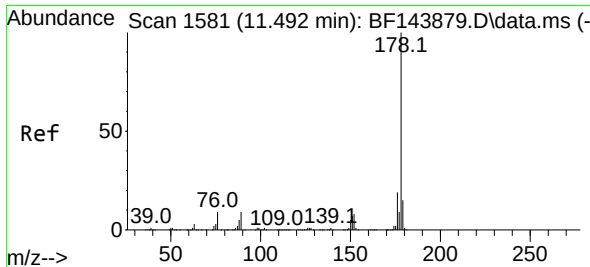
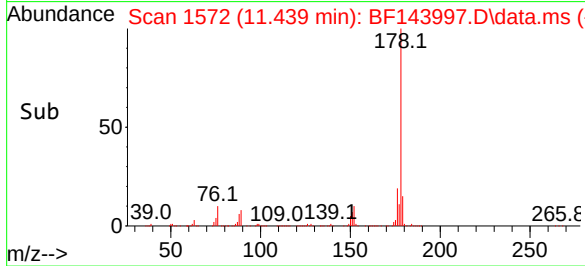
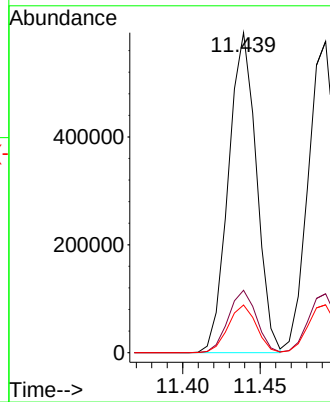
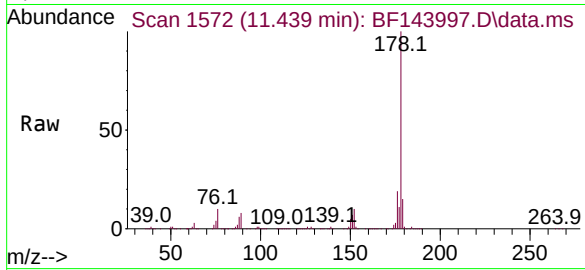




#71
Phenanthrene
Concen: 39.869 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

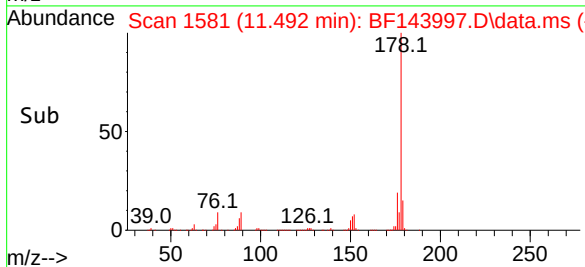
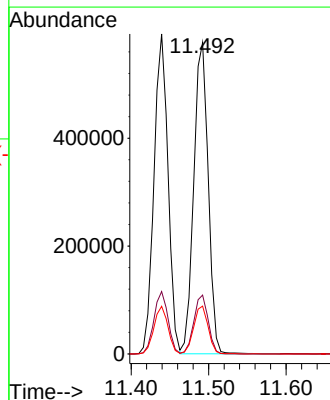
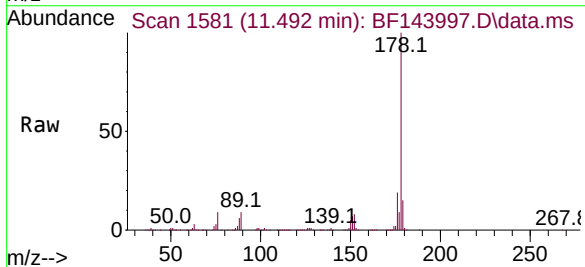
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

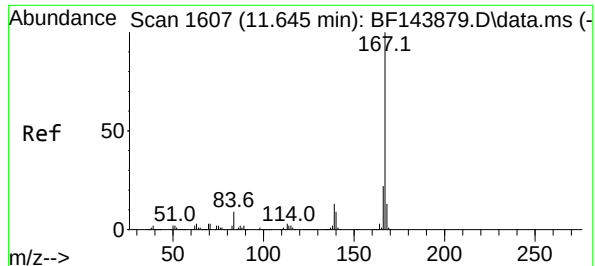
Tgt Ion:178 Resp: 744542
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 14.9 12.4 18.6



#72
Anthracene
Concen: 39.529 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:178 Resp: 745746
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.4 12.2 18.2





#73

Carbazole

Concen: 39.550 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

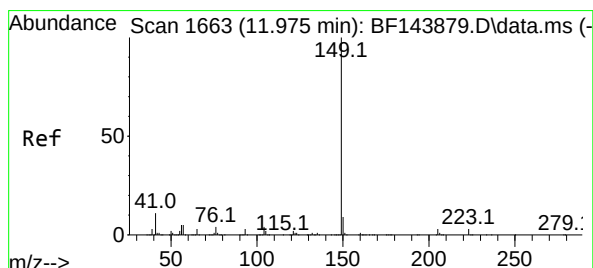
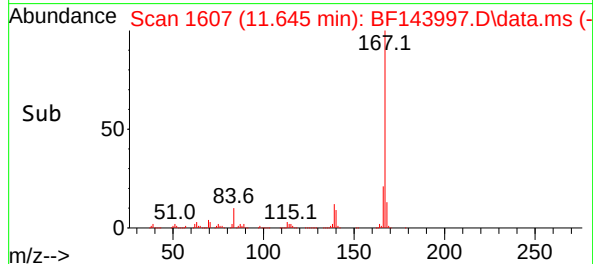
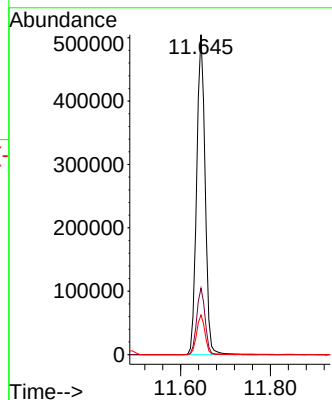
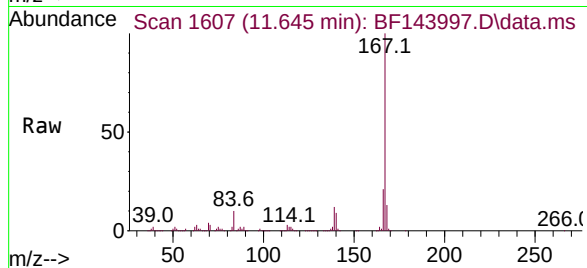
Tgt Ion:167 Resp: 660829

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

139 12.4 10.1 15.1



#74

Di-n-butylphthalate

Concen: 40.340 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

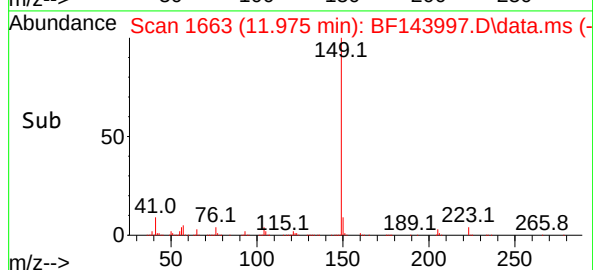
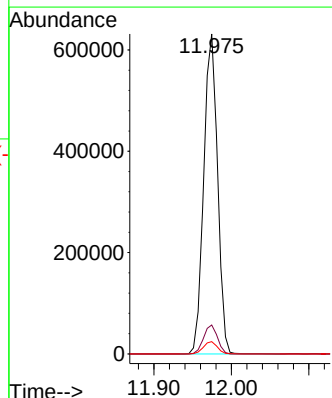
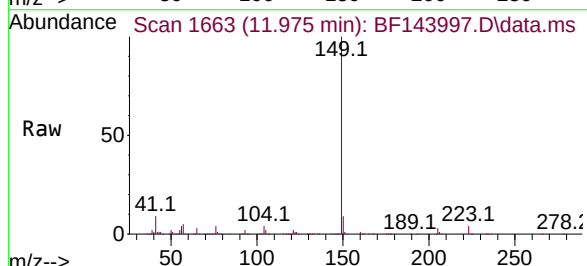
Tgt Ion:149 Resp: 781181

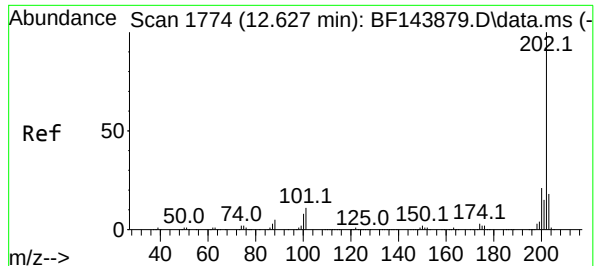
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 3.8 3.4 5.2





#75

Fluoranthene

Concen: 39.088 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143997.D

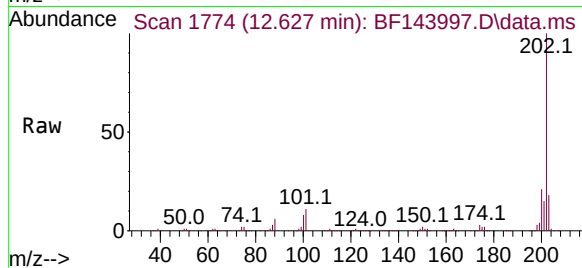
Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



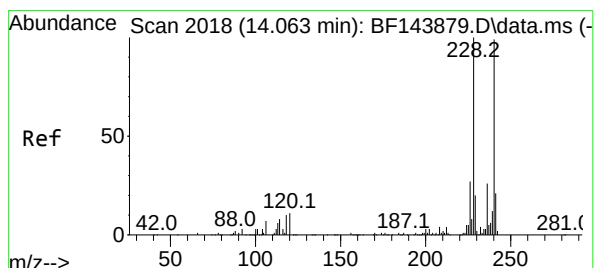
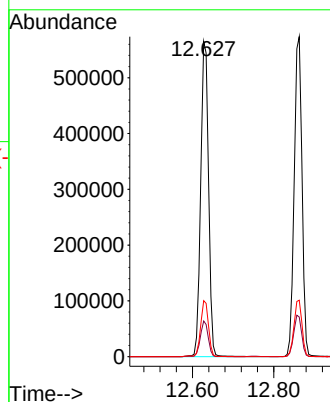
Tgt Ion:202 Resp: 753991

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

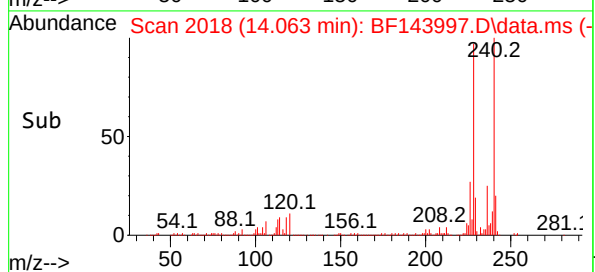
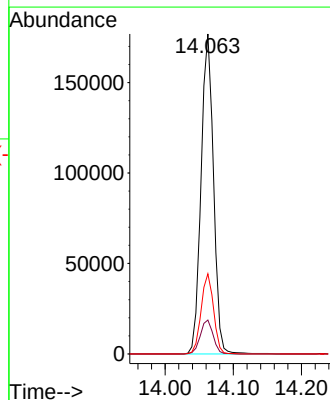
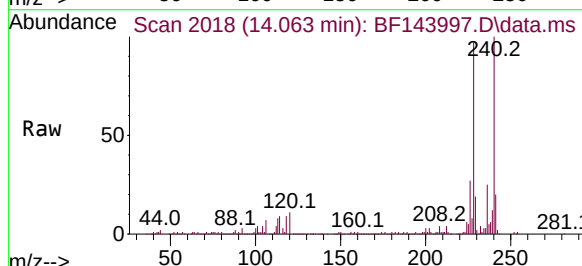
Tgt Ion:240 Resp: 224376

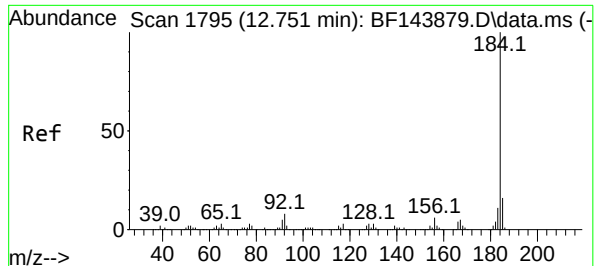
Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

236 25.0 21.1 31.7





#77

Benzidine

Concen: 31.905 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

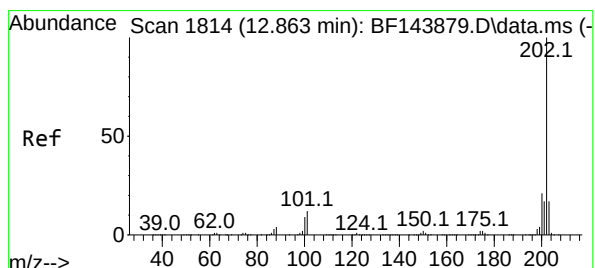
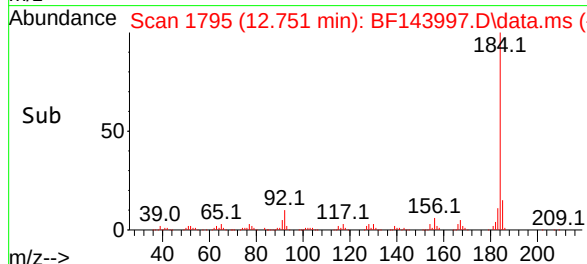
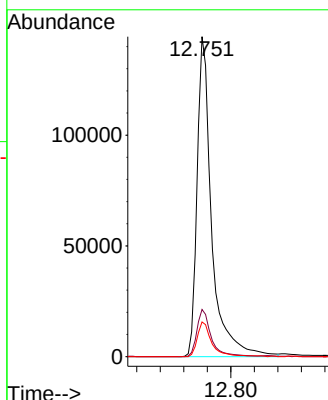
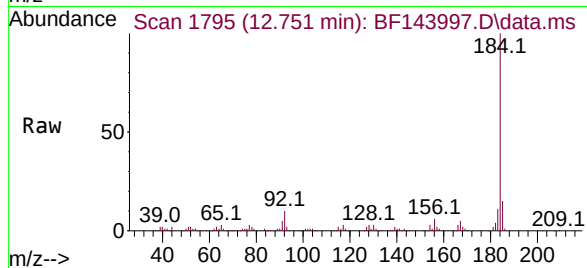
Tgt Ion:184 Resp: 248566

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 41.079 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

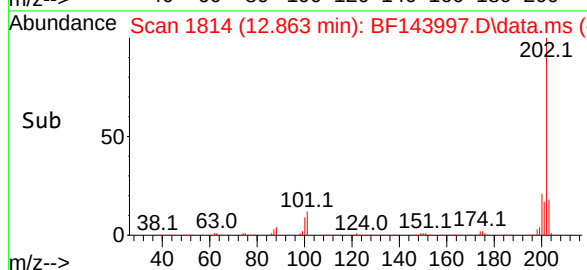
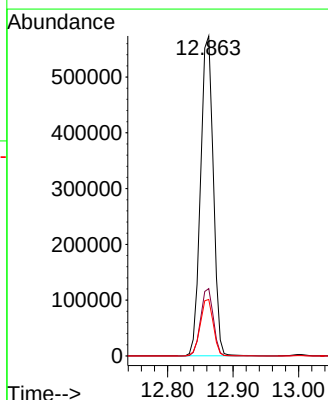
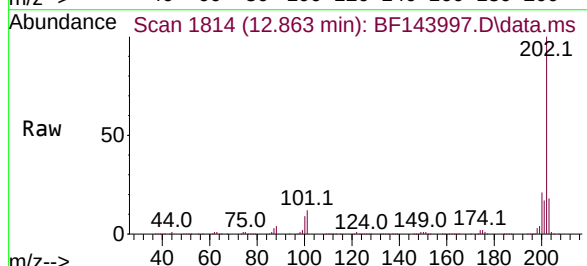
Tgt Ion:202 Resp: 768419

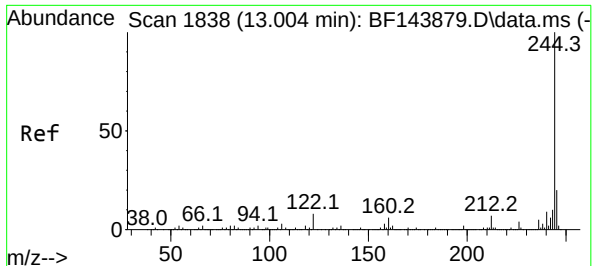
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 83.641 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

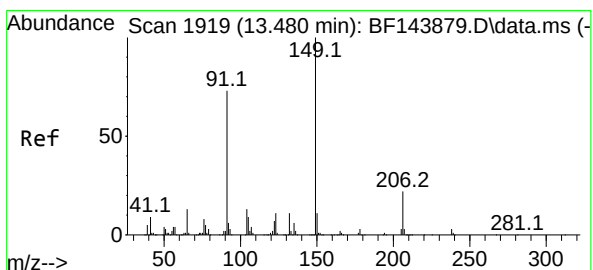
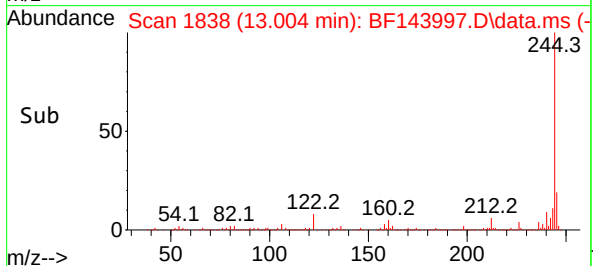
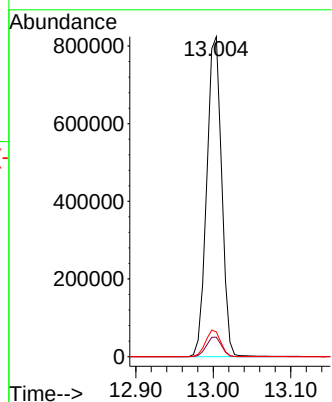
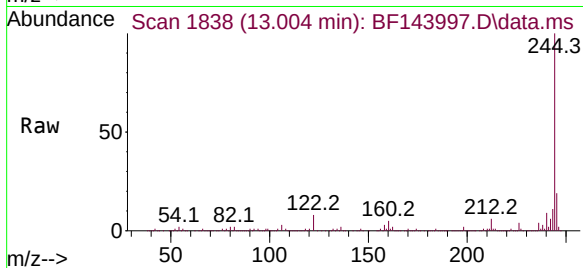
Tgt Ion:244 Resp: 1098074

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

122 7.7 6.4 9.6



#80

Butylbenzylphthalate

Concen: 41.567 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

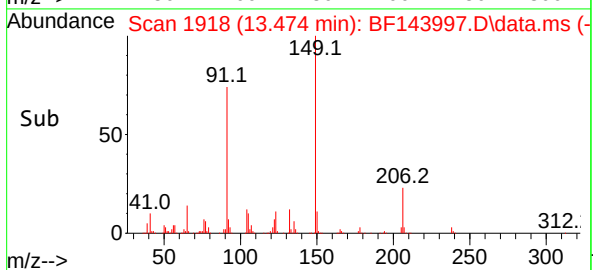
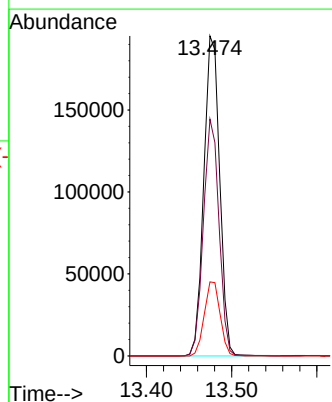
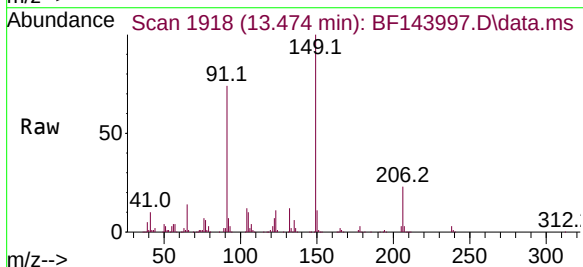
Tgt Ion:149 Resp: 252520

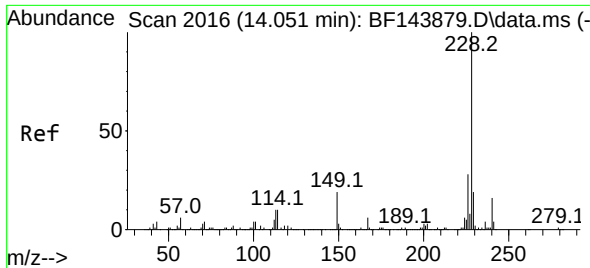
Ion Ratio Lower Upper

149 100

91 74.0 58.2 87.2

206 23.1 17.9 26.9





#81

Benzo(a)anthracene

Concen: 38.997 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

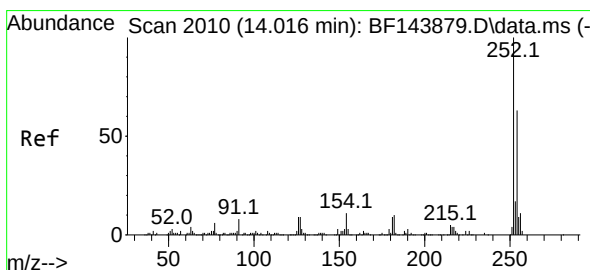
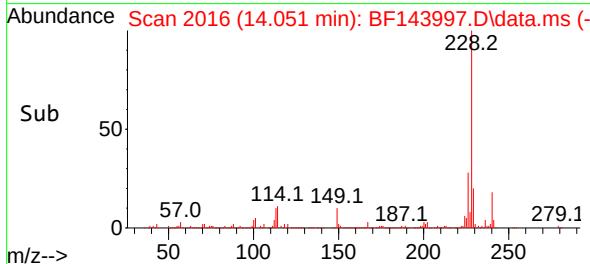
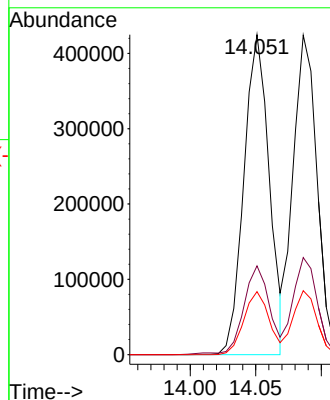
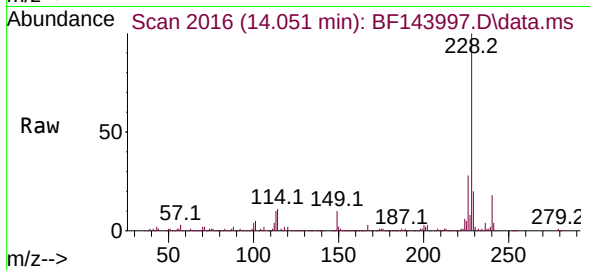
Tgt Ion:228 Resp: 572605

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.367 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

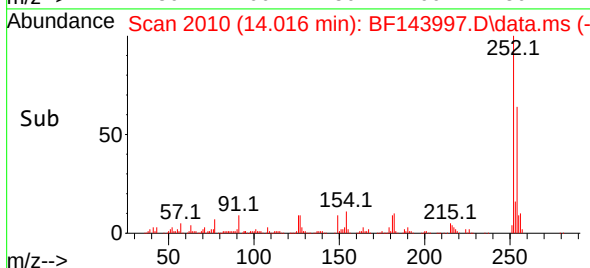
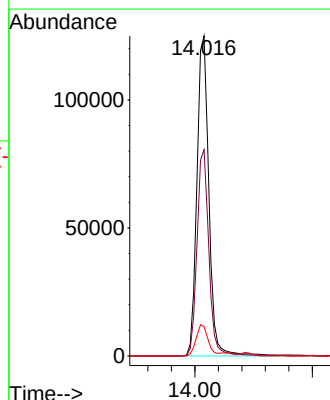
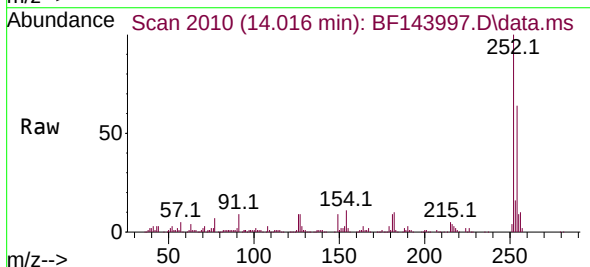
Tgt Ion:252 Resp: 176158

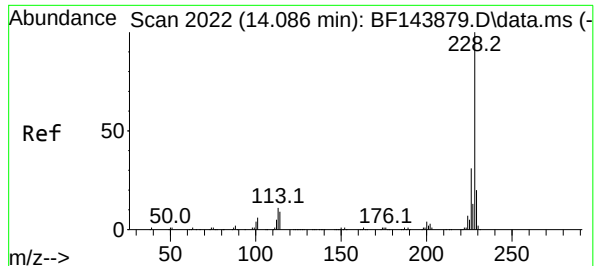
Ion Ratio Lower Upper

252 100

254 64.4 50.6 76.0

126 9.2 7.0 10.6





#83

Chrysene

Concen: 39.788 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

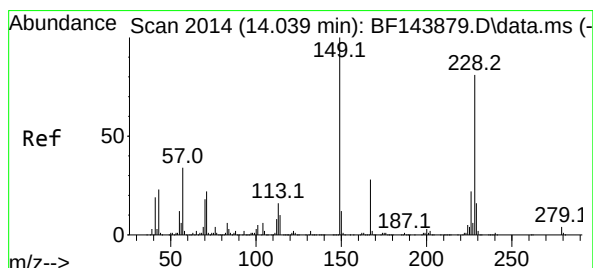
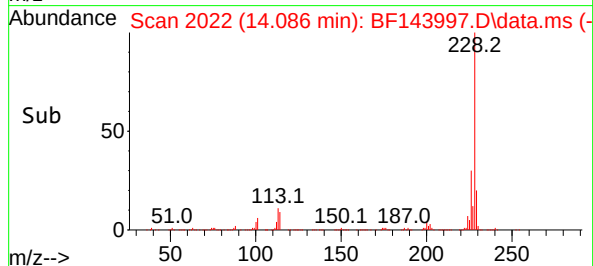
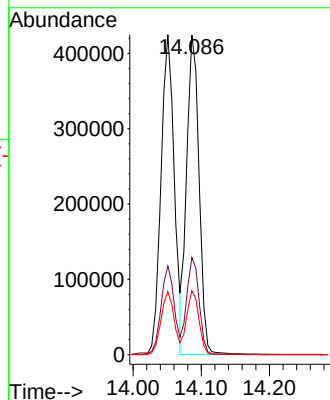
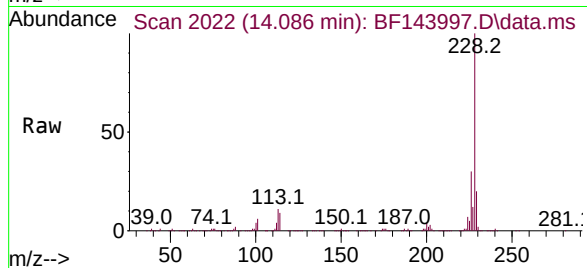
Tgt Ion:228 Resp: 540703

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.429 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

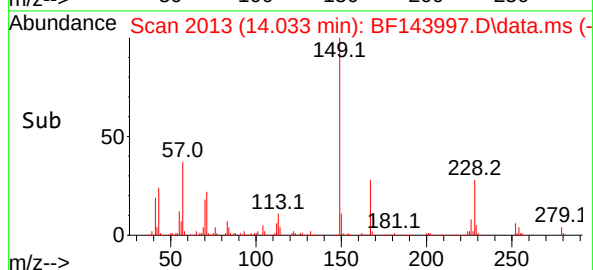
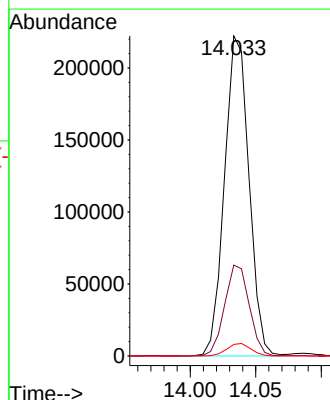
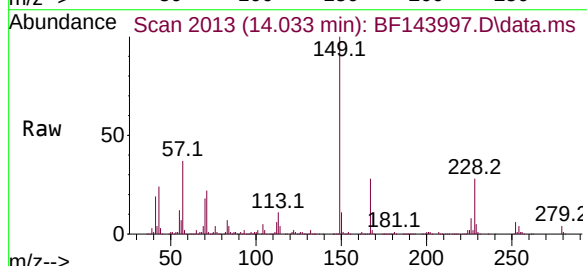
Tgt Ion:149 Resp: 288745

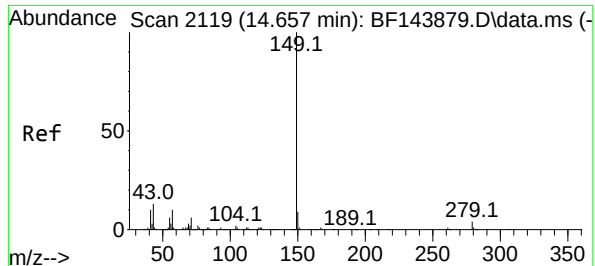
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 3.6 3.1 4.7

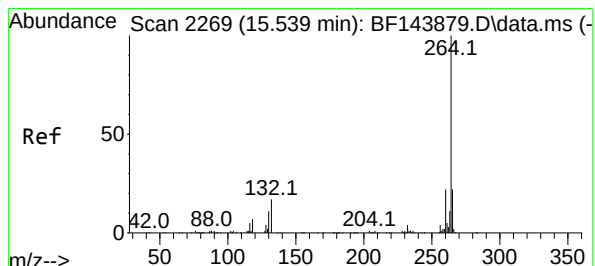
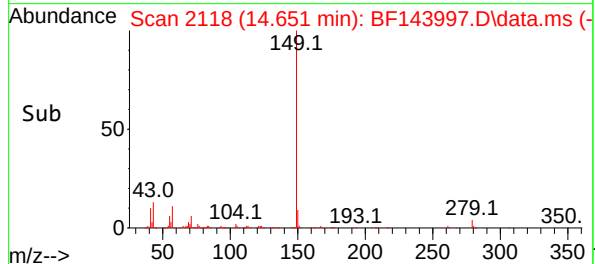
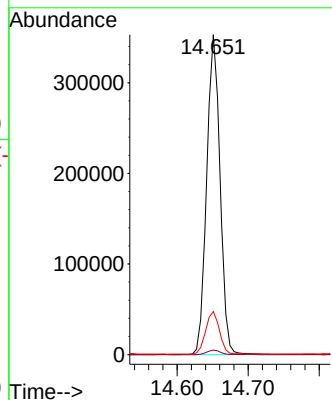
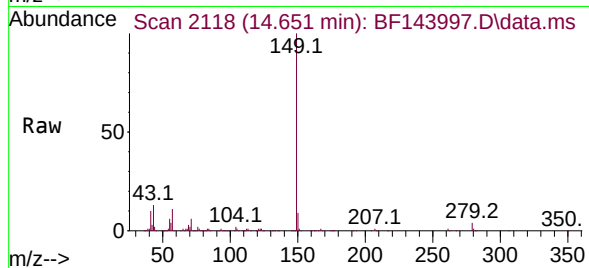




#85
Di-n-octyl phthalate
Concen: 38.292 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

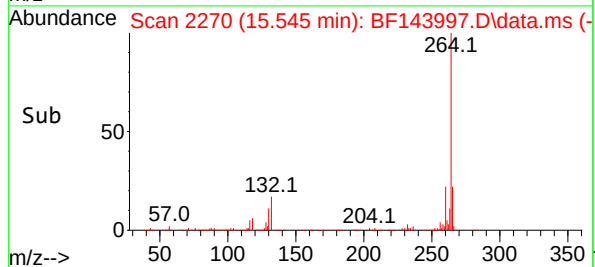
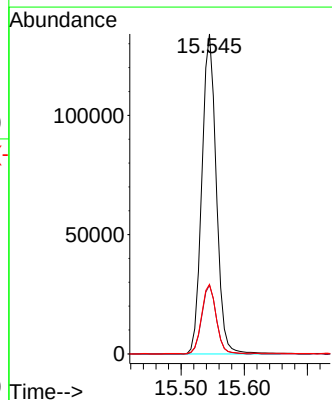
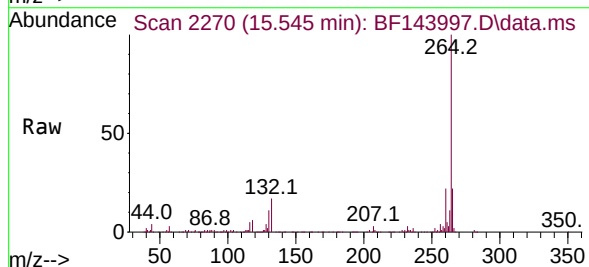
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

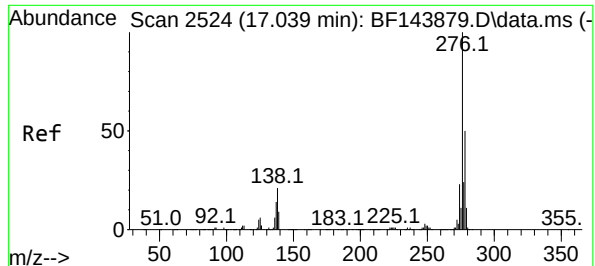
Tgt Ion:149 Resp: 460570
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:264 Resp: 212318
Ion Ratio Lower Upper
264 100
260 21.5 17.8 26.8
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.717 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

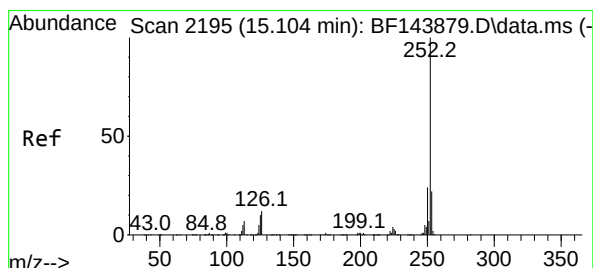
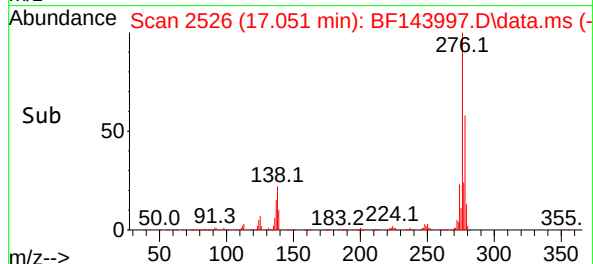
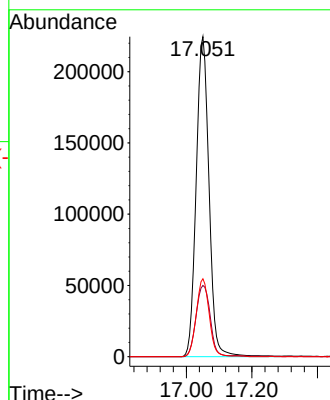
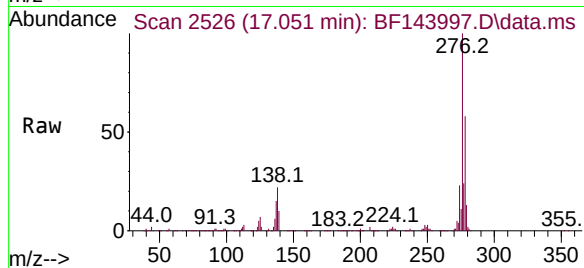
Tgt Ion:276 Resp: 607776

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.2

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 37.957 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

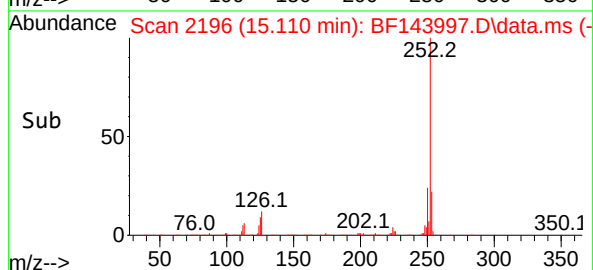
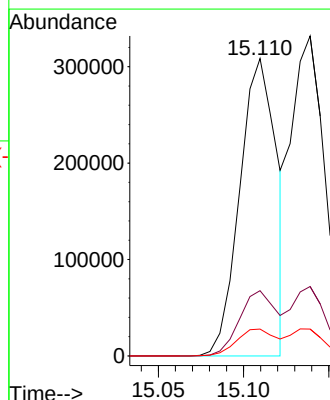
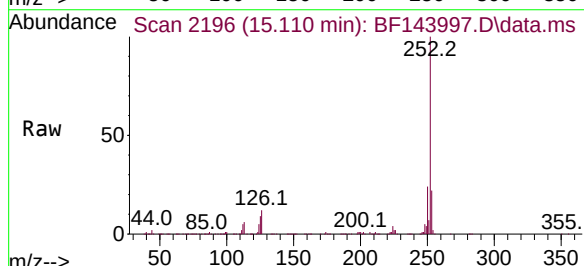
Tgt Ion:252 Resp: 462937

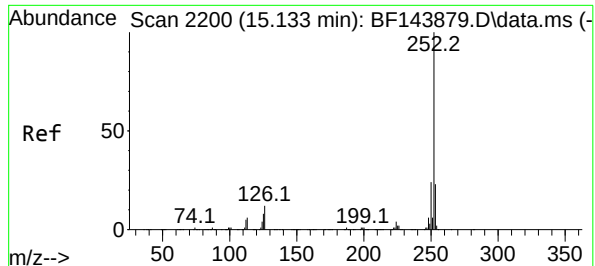
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.059 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

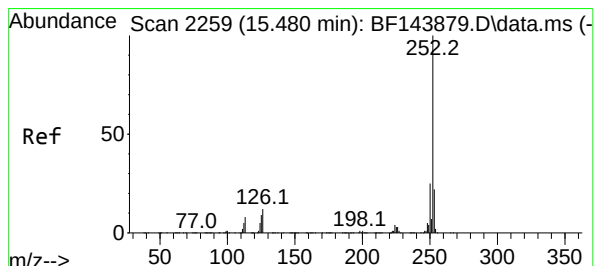
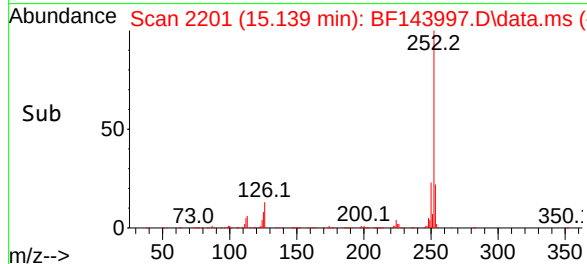
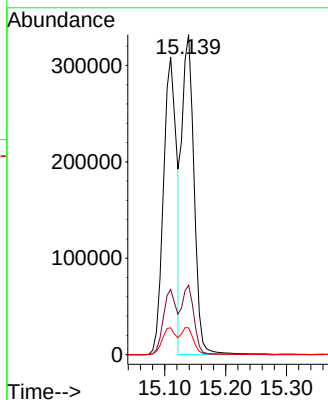
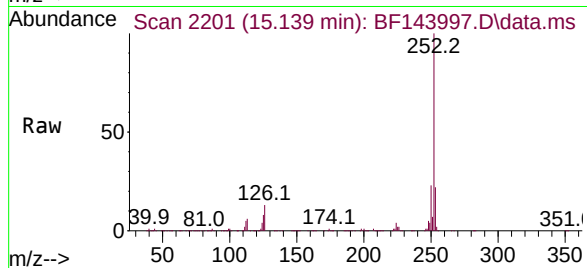
Tgt Ion:252 Resp: 463363

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.764 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

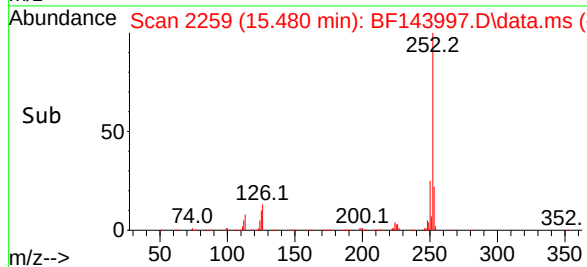
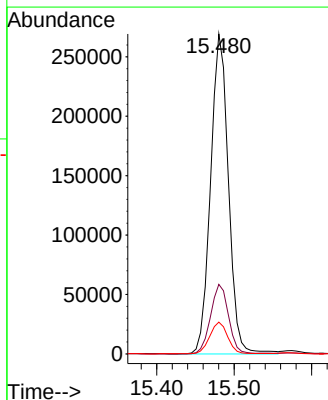
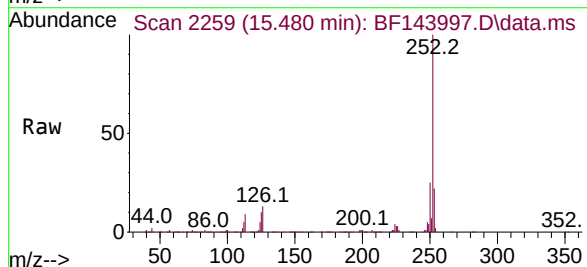
Tgt Ion:252 Resp: 431094

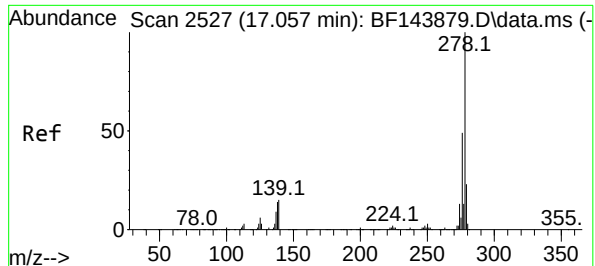
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.9 7.0 10.4

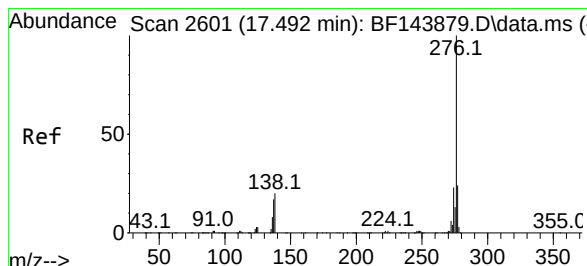
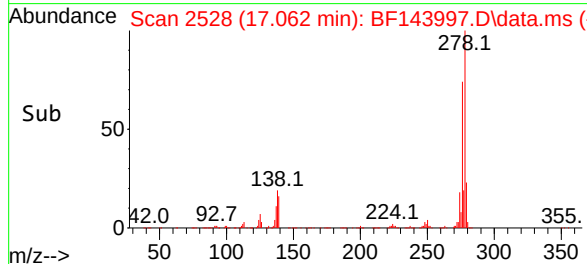
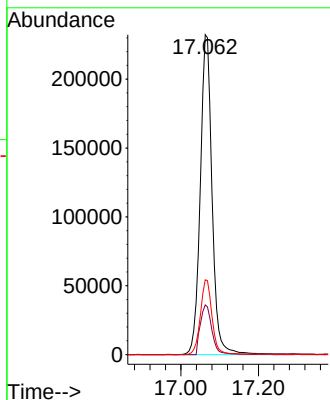
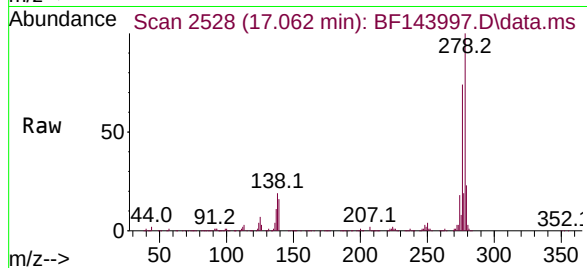




#91
Dibenzo(a,h)anthracene
Concen: 47.020 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

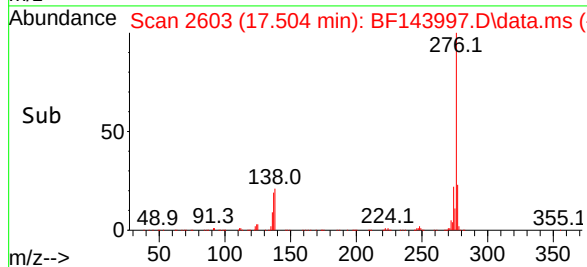
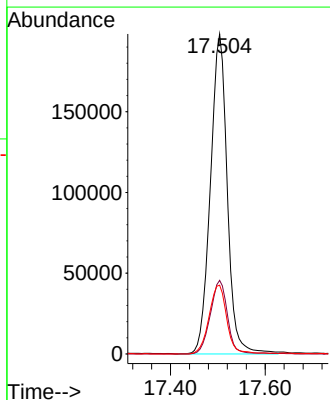
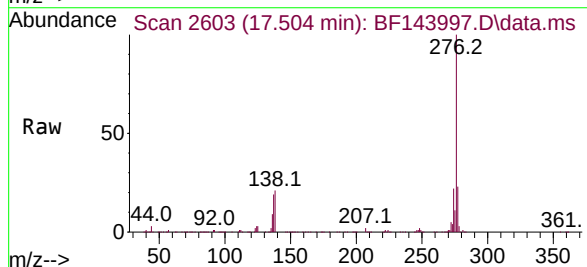
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	23.4	18.4	27.6



#92
Benzo(g,h,i)perylene
Concen: 46.809 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	21.5	16.1	24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	88	0.00
2	1,4-Dioxane	0.583	0.607	-4.1	87	-0.01
3	Pyridine	1.697	1.707	-0.6	85	-0.01
4	n-Nitrosodimethylamine	0.893	0.837	6.3	81	-0.04
5 S	2-Fluorophenol	1.259	1.277	-1.4	86	0.00
6	Aniline	2.250	2.215	1.6	83	0.00
7 S	Phenol-d6	1.501	1.495	0.4	85	-0.01
8	2-Chlorophenol	1.231	1.238	-0.6	84	0.00
9	Benzaldehyde	1.158	1.204	-4.0	79	0.00
10 C	Phenol	1.795	1.865	-3.9	89	-0.01
11	bis(2-Chloroethyl)ether	1.386	1.393	-0.5	85	-0.01
12	1,3-Dichlorobenzene	1.474	1.483	-0.6	86	0.00
13 C	1,4-Dichlorobenzene	1.454	1.460	-0.4	85	0.00
14	1,2-Dichlorobenzene	1.392	1.414	-1.6	87	0.00
15	Benzyl Alcohol	1.125	1.151	-2.3	86	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	3.251	-3.0	88	0.00
17	2-Methylphenol	1.017	1.013	0.4	84	0.00
18	Hexachloroethane	0.485	0.497	-2.5	87	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.963	6.3	82	-0.02
20	3+4-Methylphenols	1.179	1.202	-2.0	83	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	89	0.00
22	Acetophenone	0.423	0.408	3.5	83	-0.01
23 S	Nitrobenzene-d5	0.329	0.338	-2.7	87	-0.01
24	Nitrobenzene	0.366	0.371	-1.4	84	-0.01
25	Isophorone	0.694	0.660	4.9	83	-0.02
26 C	2-Nitrophenol	0.157	0.179	-14.0	91	0.00
27	2,4-Dimethylphenol	0.282	0.286	-1.4	86	0.00
28	bis(2-Chloroethoxy)methane	0.438	0.428	2.3	85	-0.01
29 C	2,4-Dichlorophenol	0.294	0.288	2.0	83	0.00
30	1,2,4-Trichlorobenzene	0.289	0.286	1.0	85	0.00
31	Naphthalene	0.910	0.892	2.0	85	0.00
32	Benzoic acid	0.195	0.184	5.6	81	-0.04
33	4-Chloroaniline	0.341	0.339	0.6	84	0.00
34 C	Hexachlorobutadiene	0.201	0.194	3.5	83	0.00
35	Caprolactam	0.093	0.092	1.1	85	-0.04
36 C	4-Chloro-3-methylphenol	0.282	0.273	3.2	84	-0.01
37	2-Methylnaphthalene	0.606	0.583	3.8	84	0.00
38	1-Methylnaphthalene	0.588	0.565	3.9	83	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	89	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.560	-1.3	84	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.236	-3.1	81	0.00
42 S	2,4,6-Tribromophenol	0.199	0.198	0.5	85	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.405	-0.2	81	0.00
44	2,4,5-Trichlorophenol	0.427	0.422	1.2	82	0.00
45 S	2-Fluorobiphenyl	1.260	1.168	7.3	85	-0.01
46	1,1'-Biphenyl	1.324	1.296	2.1	84	0.00
47	2-Chloronaphthalene	1.104	1.104	0.0	86	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	0.349	0.369	-5.7	83	0.00
49	Acenaphthylene	1.552	1.553	-0.1	85	0.00
50	Dimethylphthalate	1.270	1.238	2.5	85	0.00
51	2,6-Dinitrotoluene	0.236	0.262	-11.0	89	-0.01
52 C	Acenaphthene	1.017	0.995	2.2	84	0.00
53	3-Nitroaniline	0.288	0.307	-6.6	89	-0.01
54 P	2,4-Dinitrophenol	0.118	0.112	5.1	83	0.00
55	Dibenzofuran	1.436	1.417	1.3	84	0.00
56 P	4-Nitrophenol	0.218	0.209	4.1	79	0.00
57	2,4-Dinitrotoluene	0.320	0.364	-13.7	88	0.00
58	Fluorene	1.083	1.040	4.0	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.298	1.3	81	0.00
60	Diethylphthalate	1.180	1.162	1.5	84	-0.01
61	4-Chlorophenyl-phenylether	0.573	0.563	1.7	84	0.00
62	4-Nitroaniline	0.277	0.284	-2.5	86	-0.02
63	Azobenzene	1.233	1.213	1.6	84	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	87	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.110	-8.9	86	-0.01
66 c	n-Nitrosodiphenylamine	0.628	0.625	0.5	83	-0.01
67	4-Bromophenyl-phenylether	0.221	0.220	0.5	82	0.00
68	Hexachlorobenzene	0.256	0.254	0.8	82	0.00
69	Atrazine	0.190	0.186	2.1	83	-0.01
70 C	Pentachlorophenol	0.147	0.131	10.9	72	0.00
71	Phenanthrene	0.970	0.966	0.4	86	0.00
72	Anthracene	0.980	0.968	1.2	82	0.00
73	Carbazole	0.868	0.858	1.2	84	0.00
74	Di-n-butylphthalate	1.005	1.014	-0.9	83	0.00
75 C	Fluoranthene	1.002	0.979	2.3	82	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77	Benzidine	0.694	0.554	20.2	64	0.00
78	Pyrene	1.667	1.712	-2.7	81	0.00
79 S	Terphenyl-d14	1.170	1.223	-4.5	84	0.00
80	Butylbenzylphthalate	0.542	0.563	-3.9	80	0.00
81	Benzo(a)anthracene	1.309	1.276	2.5	80	0.00
82	3,3'-Dichlorobenzidine	0.399	0.393	1.5	79	0.00
83	Chrysene	1.211	1.205	0.5	82	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.643	1.5	77	0.00
85 c	Di-n-octyl phthalate	1.072	1.026	4.3	76	0.00
86 I	Perylene-d12	1.000	1.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.431	-16.8	87	0.00
88	Benzo(b)fluoranthene	1.149	1.090	5.1	73	0.00
89	Benzo(k)fluoranthene	1.063	1.091	-2.6	83	0.00
90 C	Benzo(a)pyrene	0.996	1.015	-1.9	78	0.00
91	Dibenzo(a,h)anthracene	0.986	1.159	-17.5	87	-0.02
92	Benzo(g,h,i)perylene	0.986	1.153	-16.9	87	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
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BNA_F
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Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	88	0.00
2	1,4-Dioxane	40.000	41.651	-4.1	87	-0.01
3	Pyridine	40.000	40.244	-0.6	85	-0.01
4	n-Nitrosodimethylamine	40.000	37.492	6.3	81	-0.04
5 S	2-Fluorophenol	80.000	81.118	-1.4	86	0.00
6	Aniline	40.000	39.380	1.5	83	0.00
7 S	Phenol-d6	80.000	79.683	0.4	85	-0.01
8	2-Chlorophenol	40.000	40.221	-0.6	84	0.00
9	Benzaldehyde	40.000	41.597	-4.0	79	0.00
10 C	Phenol	40.000	41.566	-3.9	89	-0.01
11	bis(2-Chloroethyl)ether	40.000	40.191	-0.5	85	-0.01
12	1,3-Dichlorobenzene	40.000	40.264	-0.7	86	0.00
13 C	1,4-Dichlorobenzene	40.000	40.162	-0.4	85	0.00
14	1,2-Dichlorobenzene	40.000	40.625	-1.6	87	0.00
15	Benzyl Alcohol	40.000	40.933	-2.3	86	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	41.204	-3.0	88	0.00
17	2-Methylphenol	40.000	39.810	0.5	84	0.00
18	Hexachloroethane	40.000	41.025	-2.6	87	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.483	6.3	82	-0.02
20	3+4-Methylphenols	40.000	40.771	-1.9	83	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	89	0.00
22	Acetophenone	40.000	38.622	3.4	83	-0.01
23 S	Nitrobenzene-d5	80.000	82.149	-2.7	87	-0.01
24	Nitrobenzene	40.000	40.553	-1.4	84	-0.01
25	Isophorone	40.000	38.057	4.9	83	-0.02
26 C	2-Nitrophenol	40.000	45.762	-14.4	91	0.00
27	2,4-Dimethylphenol	40.000	40.563	-1.4	86	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.012	2.5	85	-0.01
29 C	2,4-Dichlorophenol	40.000	39.243	1.9	83	0.00
30	1,2,4-Trichlorobenzene	40.000	39.607	1.0	85	0.00
31	Naphthalene	40.000	39.234	1.9	85	0.00
32	Benzoic acid	40.000	37.714	5.7	81	-0.04
33	4-Chloroaniline	40.000	39.691	0.8	84	0.00
34 C	Hexachlorobutadiene	40.000	38.752	3.1	83	0.00
35	Caprolactam	40.000	39.344	1.6	85	-0.04
36 C	4-Chloro-3-methylphenol	40.000	38.675	3.3	84	-0.01
37	2-Methylnaphthalene	40.000	38.483	3.8	84	0.00
38	1-Methylnaphthalene	40.000	38.454	3.9	83	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	89	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.516	-1.3	84	0.00
41 P	Hexachlorocyclopentadiene	40.000	41.223	-3.1	81	0.00
42 S	2,4,6-Tribromophenol	80.000	79.625	0.5	85	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.143	-0.4	81	0.00
44	2,4,5-Trichlorophenol	40.000	39.592	1.0	82	0.00
45 S	2-Fluorobiphenyl	80.000	74.153	7.3	85	-0.01
46	1,1'-Biphenyl	40.000	39.160	2.1	84	0.00
47	2-Chloronaphthalene	40.000	40.014	-0.0	86	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	42.245	-5.6	83	0.00
49	Acenaphthylene	40.000	40.020	-0.1	85	0.00
50	Dimethylphthalate	40.000	38.976	2.6	85	0.00
51	2,6-Dinitrotoluene	40.000	44.543	-11.4	89	-0.01
52 C	Acenaphthene	40.000	39.116	2.2	84	0.00
53	3-Nitroaniline	40.000	42.535	-6.3	89	-0.01
54 P	2,4-Dinitrophenol	40.000	35.105	12.2	83	0.00
55	Dibenzofuran	40.000	39.478	1.3	84	0.00
56 P	4-Nitrophenol	40.000	38.222	4.4	79	0.00
57	2,4-Dinitrotoluene	40.000	45.401	-13.5	88	0.00
58	Fluorene	40.000	38.388	4.0	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.485	1.3	81	0.00
60	Diethylphthalate	40.000	39.405	1.5	84	-0.01
61	4-Chlorophenyl-phenylether	40.000	39.311	1.7	84	0.00
62	4-Nitroaniline	40.000	40.972	-2.4	86	-0.02
63	Azobenzene	40.000	39.330	1.7	84	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	87	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.655	-9.1	86	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.818	0.5	83	-0.01
67	4-Bromophenyl-phenylether	40.000	39.762	0.6	82	0.00
68	Hexachlorobenzene	40.000	39.674	0.8	82	0.00
69	Atrazine	40.000	39.148	2.1	83	-0.01
70 C	Pentachlorophenol	40.000	35.771	10.6	72	0.00
71	Phenanthrene	40.000	39.869	0.3	86	0.00
72	Anthracene	40.000	39.529	1.2	82	0.00
73	Carbazole	40.000	39.550	1.1	84	0.00
74	Di-n-butylphthalate	40.000	40.340	-0.9	83	0.00
75 C	Fluoranthene	40.000	39.088	2.3	82	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77	Benzidine	40.000	31.905	20.2	64	0.00
78	Pyrene	40.000	41.079	-2.7	81	0.00
79 S	Terphenyl-d14	80.000	83.641	-4.6	84	0.00
80	Butylbenzylphthalate	40.000	41.567	-3.9	80	0.00
81	Benzo(a)anthracene	40.000	38.997	2.5	80	0.00
82	3,3'-Dichlorobenzidine	40.000	39.367	1.6	79	0.00
83	Chrysene	40.000	39.788	0.5	82	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.429	1.4	77	0.00
85 c	Di-n-octyl phthalate	40.000	38.292	4.3	76	0.00
86 I	Perylene-d12	20.000	20.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.717	-16.8	87	0.00
88	Benzo(b)fluoranthene	40.000	37.957	5.1	73	0.00
89	Benzo(k)fluoranthene	40.000	41.059	-2.6	83	0.00
90 C	Benzo(a)pyrene	40.000	40.764	-1.9	78	0.00
91	Dibenzo(a,h)anthracene	40.000	47.020	-17.6	87	-0.02
92	Benzo(g,h,i)perylene	40.000	46.809	-17.0	87	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3375</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/21/2025 13:29</u>
Lab File ID:	<u>BF144009.D</u>	Init. Calib. Date(s):	<u>10/06/2025 10/06/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:59 14:22</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.299		3.2	
Benzaldehyde	1.158	1.203		3.9	
Phenol-d6	1.501	1.494		-0.5	
Phenol	1.795	1.901		5.9	20.0
bis(2-Chloroethyl)ether	1.386	1.376		-0.7	
2-Chlorophenol	1.231	1.267		2.9	
2-Methylphenol	1.017	1.009		-0.8	
2,2-oxybis(1-Chloropropane)	3.156	3.225		2.2	
Acetophenone	0.423	0.409		-3.3	
3+4-Methylphenols	1.179	1.177		-0.2	
n-Nitroso-di-n-propylamine	1.028	0.983	0.050	-4.4	
Nitrobenzene-d5	0.329	0.341		3.6	
Hexachloroethane	0.485	0.486		0.2	
Nitrobenzene	0.366	0.382		4.4	
Isophorone	0.694	0.664		-4.3	
2-Nitrophenol	0.157	0.182		15.9	20.0
2,4-Dimethylphenol	0.282	0.290		2.8	
bis(2-Chloroethoxy)methane	0.438	0.433		-1.1	
2,4-Dichlorophenol	0.294	0.295		0.3	20.0
Naphthalene	0.910	0.902		-0.9	
4-Chloroaniline	0.341	0.341		0.0	
Hexachlorobutadiene	0.201	0.197		-2.0	20.0
Caprolactam	0.093	0.095		2.2	
4-Chloro-3-methylphenol	0.282	0.281		-0.4	20.0
2-Methylnaphthalene	0.606	0.599		-1.2	
Hexachlorocyclopentadiene	0.229	0.224	0.050	-2.2	
2,4,6-Trichlorophenol	0.404	0.394		-2.5	20.0
2-Fluorobiphenyl	1.260	1.174		-6.8	
2,4,5-Trichlorophenol	0.427	0.432		1.2	
1,1-Biphenyl	1.324	1.283		-3.1	
2-Chloronaphthalene	1.104	1.099		-0.5	
2-Nitroaniline	0.349	0.372		6.6	
Dimethylphthalate	1.270	1.246		-1.9	
Acenaphthylene	1.552	1.531		-1.4	
2,6-Dinitrotoluene	0.236	0.265		12.3	
3-Nitroaniline	0.288	0.299		3.8	
Acenaphthene	1.017	0.980		-3.6	20.0
2,4-Dinitrophenol	0.118	0.105	0.050	-11.0	
4-Nitrophenol	0.218	0.197	0.050	-9.6	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02
 Lab Code: ACE SDG No.: Q3375
 Instrument ID: BNA_F Calibration Date/Time: 10/21/2025 13:29
 Lab File ID: BF144009.D Init. Calib. Date(s): 10/06/2025 10/06/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.413		-1.6	
2,4-Dinitrotoluene	0.320	0.350		9.4	
Diethylphthalate	1.180	1.127		-4.5	
4-Chlorophenyl-phenylether	0.573	0.561		-2.1	
Fluorene	1.083	1.053		-2.9	
4-Nitroaniline	0.277	0.278		0.4	
4,6-Dinitro-2-methylphenol	0.101	0.109		7.9	
n-Nitrosodiphenylamine	0.628	0.632		0.6	20.0
2,4,6-Tribromophenol	0.199	0.191		-4.0	
4-Bromophenyl-phenylether	0.221	0.213		-3.6	
Hexachlorobenzene	0.256	0.249		-2.7	
Atrazine	0.190	0.184		-3.2	
Pentachlorophenol	0.147	0.129		-12.2	20.0
Phenanthrene	0.970	0.933		-3.8	
Anthracene	0.980	0.987		0.7	
Carbazole	0.868	0.845		-2.7	
Di-n-butylphthalate	1.005	1.014		0.9	
Fluoranthene	1.002	0.960		-4.2	20.0
Pyrene	1.667	1.805		8.3	
Terphenyl-d14	1.170	1.282		9.6	
Butylbenzylphthalate	0.542	0.567		4.6	
3,3-Dichlorobenzidine	0.399	0.400		0.3	
Benzo (a) anthracene	1.309	1.372		4.8	
Chrysene	1.211	1.172		-3.2	
Bis (2-ethylhexyl) phthalate	0.653	0.671		2.8	
Di-n-octyl phthalate	1.072	1.175		9.6	20.0
Benzo (b) fluoranthene	1.149	1.144		-0.4	
Benzo (k) fluoranthene	1.063	0.968		-8.9	
Benzo (a) pyrene	0.996	1.033		3.7	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.420		15.9	
Dibenzo (a,h) anthracene	0.986	1.157		17.3	
Benzo (g,h,i) perylene	0.986	1.143		15.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.559		1.1	
1,4-Dioxane	0.583	0.600		2.9	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.299		-1.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144009.D
 Acq On : 21 Oct 2025 13:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126907	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	483648	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	263342	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	430811	20.00	ng	0.00
76) Chrysene-d12	14.063	240	235758	20.00	ng	0.00
86) Perylene-d12	15.545	264	243917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	659598	82.54	ng	0.00
7) Phenol-d6	6.510	99	758257	79.60	ng	0.00
23) Nitrobenzene-d5	7.445	82	659772	82.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	201018	76.64	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1236786	74.52	ng	-0.01
79) Terphenyl-d14	13.004	244	1208859	87.63	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	152307	41.18	ng	95
3) Pyridine	3.404	79	433211	40.24	ng	99
4) n-Nitrosodimethylamine	3.357	42	214136	37.81	ng	96
6) Aniline	6.545	93	562479	39.41	ng	98
8) 2-Chlorophenol	6.663	128	321477	41.15	ng	99
9) Benzaldehyde	6.434	77	305342	41.55	ng	100
10) Phenol	6.522	94	482522	42.37	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	349275	39.70	ng	96
12) 1,3-Dichlorobenzene	6.822	146	371419	39.72	ng	99
13) 1,4-Dichlorobenzene	6.898	146	363777	39.44	ng	100
14) 1,2-Dichlorobenzene	7.051	146	358067	40.53	ng	99
15) Benzyl Alcohol	7.022	79	284416	39.85	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	818434	40.87	ng	100
17) 2-Methylphenol	7.134	107	256143	39.68	ng	98
18) Hexachloroethane	7.392	117	123432	40.13	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	249549	38.27	ng	99
20) 3+4-Methylphenols	7.287	107	298653	39.91	ng	# 79
22) Acetophenone	7.292	105	395279	38.65	ng	99
24) Nitrobenzene	7.463	77	369646	41.81	ng	99
25) Isophorone	7.704	82	642035	38.25	ng	98
26) 2-Nitrophenol	7.781	139	175637	46.34	ng	97
27) 2,4-Dimethylphenol	7.816	122	280851	41.19	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	419161	39.53	ng	98
29) 2,4-Dichlorophenol	8.022	162	284947	40.12	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	278910	39.93	ng	100
31) Naphthalene	8.186	128	872696	39.67	ng	99
32) Benzoic acid	7.922	122	177272	37.57	ng	97
33) 4-Chloroaniline	8.233	127	329949	39.99	ng	99
34) Hexachlorobutadiene	8.304	225	190984	39.35	ng	98
35) Caprolactam	8.604	113	91608	40.57	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	271348	39.78	ng	98
37) 2-Methylnaphthalene	8.881	142	579595	39.55	ng	99
38) 1-Methylnaphthalene	8.980	142	554429	39.00	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	294341	40.44	ng	99
41) Hexachlorocyclopentadiene	9.033	237	117733	38.99	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	207739	39.06	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144009.D
 Acq On : 21 Oct 2025 13:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	227628	40.50	ng	99
46) 1,1'-Biphenyl	9.345	154	675634	38.75	ng	99
47) 2-Chloronaphthalene	9.369	162	579022	39.83	ng	97
48) 2-Nitroaniline	9.463	65	195755	42.59	ng	97
49) Acenaphthylene	9.786	152	806476	39.46	ng	99
50) Dimethylphthalate	9.639	163	656275	39.24	ng	99
51) 2,6-Dinitrotoluene	9.704	165	139509	44.99	ng	97
52) Acenaphthene	9.957	154	516301	38.55	ng	98
53) 3-Nitroaniline	9.875	138	157431	41.46	ng	99
54) 2,4-Dinitrophenol	9.986	184	55464	33.42	ng	92
55) Dibenzofuran	10.127	168	744098	39.36	ng	98
56) 4-Nitrophenol	10.033	139	103581	36.03	ng	98
57) 2,4-Dinitrotoluene	10.110	165	184180	43.65	ng	98
58) Fluorene	10.475	166	554334	38.86	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	157324	39.55	ng	# 97
60) Diethylphthalate	10.345	149	593454	38.20	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	295638	39.20	ng	99
62) 4-Nitroaniline	10.492	138	146339	40.08	ng	93
63) Azobenzene	10.627	77	637557	39.26	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	93751	43.30	ng	97
66) n-Nitrosodiphenylamine	10.580	169	544516	40.25	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	183591	38.56	ng	96
68) Hexachlorobenzene	11.022	284	214871	38.98	ng	99
69) Atrazine	11.110	200	158713	38.71	ng	99
70) Pentachlorophenol	11.216	266	110842	35.01	ng	99
71) Phenanthrene	11.439	178	804054	38.50	ng	99
72) Anthracene	11.492	178	850834	40.32	ng	100
73) Carbazole	11.645	167	728491	38.98	ng	99
74) Di-n-butylphthalate	11.974	149	873478	40.33	ng	99
75) Fluoranthene	12.633	202	827067	38.34	ng	99
77) Benzidine	12.751	184	288239	35.21	ng	97
78) Pyrene	12.863	202	850887	43.29	ng	99
80) Butylbenzylphthalate	13.480	149	267401	41.89	ng	99
81) Benzo(a)anthracene	14.051	228	646917	41.93	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	188768	40.15	ng	99
83) Chrysene	14.092	228	552423	38.69	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	316468	41.13	ng	99
85) Di-n-octyl phthalate	14.657	149	554105	43.84	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	692814	46.35	ng	98
88) Benzo(b)fluoranthene	15.110	252	558030	39.83	ng	99
89) Benzo(k)fluoranthene	15.139	252	472182	36.42	ng	100
90) Benzo(a)pyrene	15.486	252	503690	41.46	ng	# 98
91) Dibenzo(a,h)anthracene	17.074	278	564523	46.96	ng	99
92) Benzo(g,h,i)perylene	17.509	276	557435	46.37	ng	98

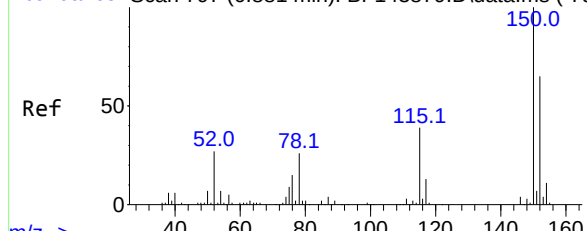
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18



Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.005 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

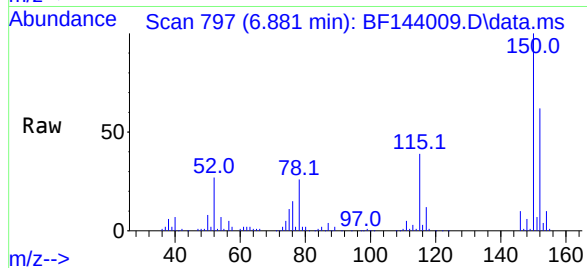
Tgt Ion:152 Resp: 126907

Ion Ratio Lower Upper

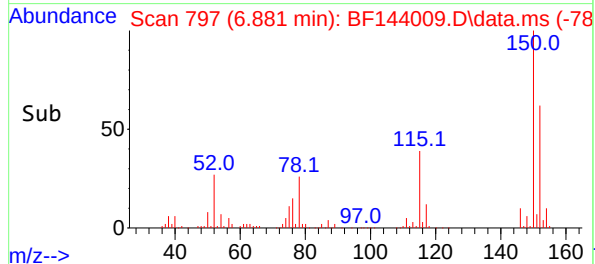
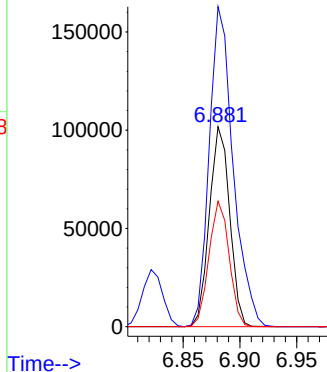
152 100

150 160.0 124.4 186.6

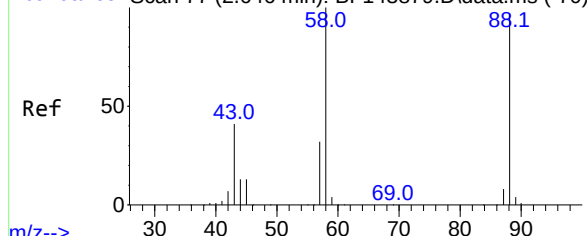
115 62.8 48.1 72.1



Abundance



Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)



#2

1,4-Dioxane

Concen: 41.18 ng

RT: 2.640 min Scan# 76

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

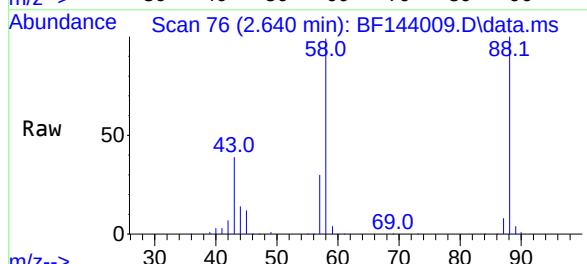
Tgt Ion: 88 Resp: 152307

Ion Ratio Lower Upper

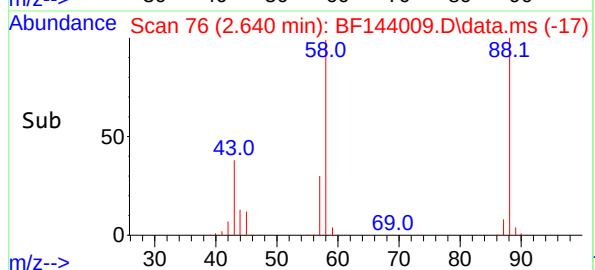
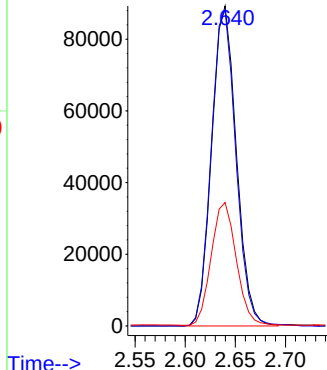
88 100

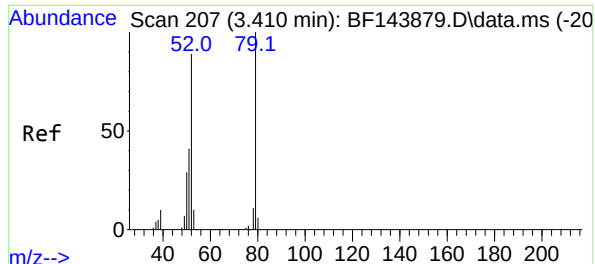
58 98.9 83.0 124.6

43 39.0 33.9 50.9



Abundance

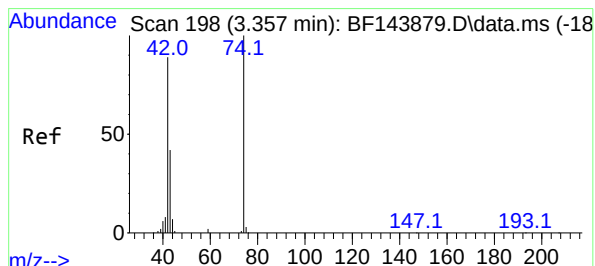
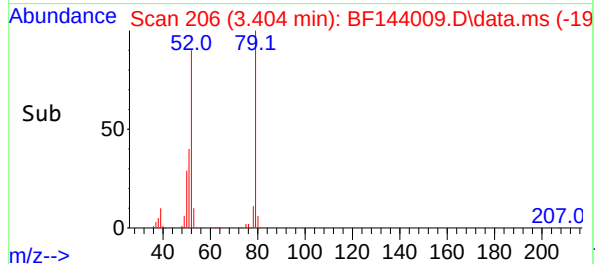
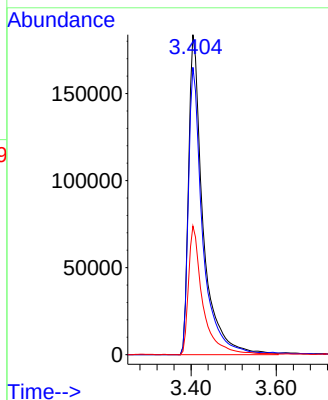
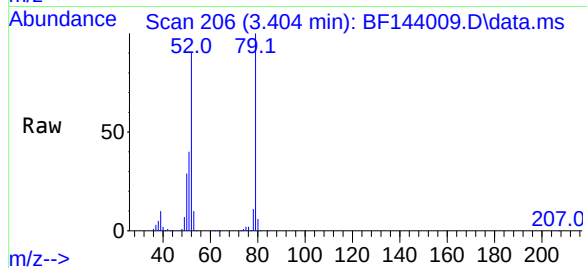




#3
Pyridine
Concen: 40.24 ng
RT: 3.404 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

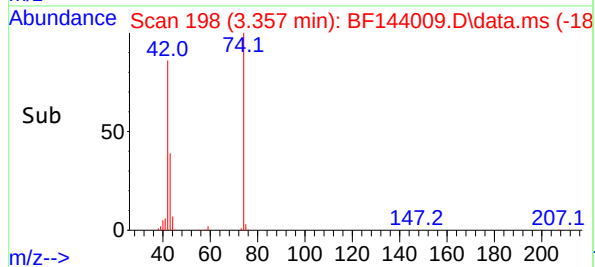
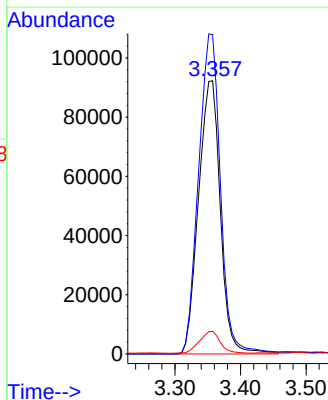
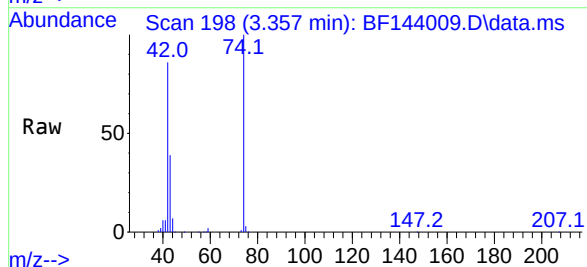
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 433211
Ion Ratio Lower Upper
79 100
52 89.8 71.5 107.3
51 40.2 32.9 49.3

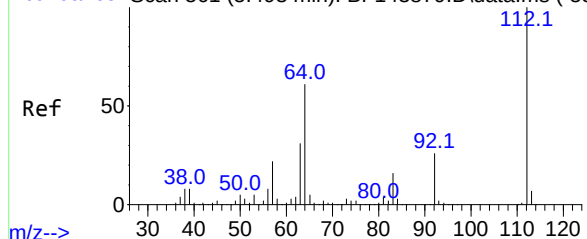


#4
n-Nitrosodimethylamine
Concen: 37.81 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

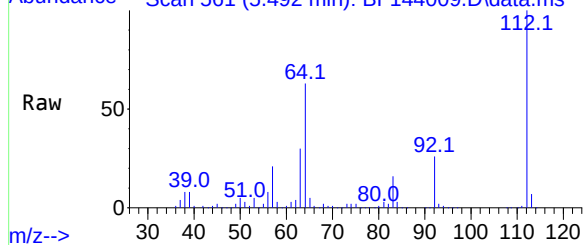
Tgt Ion: 42 Resp: 214136
Ion Ratio Lower Upper
42 100
74 116.8 90.0 135.0
44 8.3 6.2 9.2



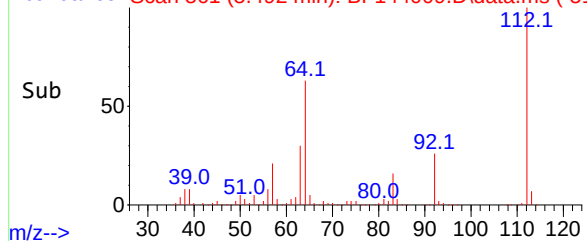
Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



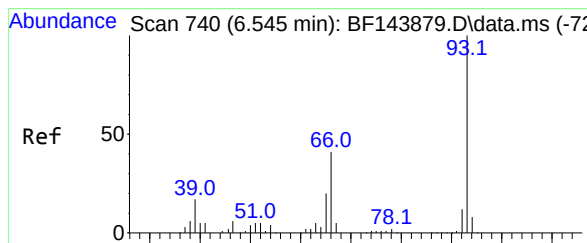
m/z--> Abundance Scan 561 (5.492 min): BF144009.D\data.ms



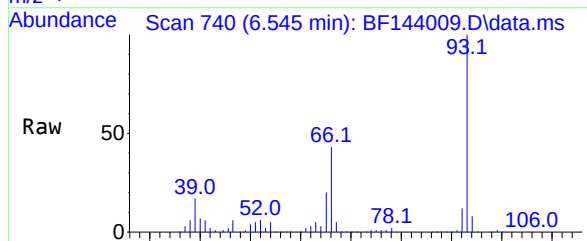
m/z--> Abundance Scan 561 (5.492 min): BF144009.D\data.ms (-51



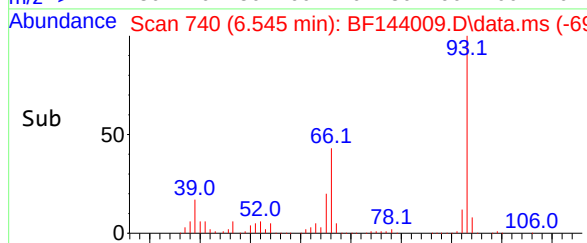
m/z--> Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



m/z--> Abundance Scan 740 (6.545 min): BF144009.D\data.ms



m/z--> Abundance Scan 740 (6.545 min): BF144009.D\data.ms (-69



m/z--> Abundance Scan 740 (6.545 min): BF144009.D\data.ms (-69

#5

2-Fluorophenol

Concen: 82.54 ng

RT: 5.492 min Scan# 5

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 659598

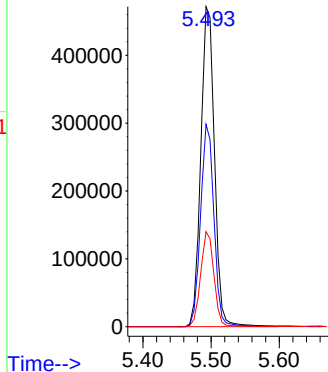
Ion Ratio Lower Upper

112 100

64 63.3 49.1 73.7

63 29.7 24.5 36.7

Abundance



#6

Aniline

Concen: 39.41 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 93 Resp: 562479

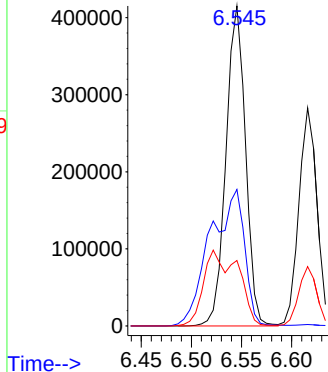
Ion Ratio Lower Upper

93 100

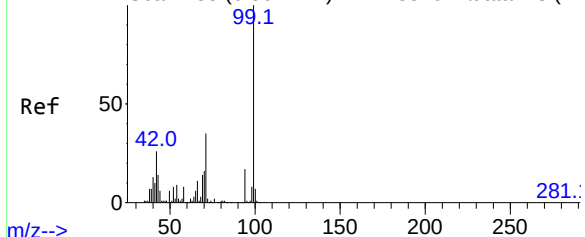
66 42.7 33.0 49.6

65 20.4 15.8 23.8

Abundance



Abundance Scan 733 (6.504 min): BF143879.D\data.ms (-72



#7

Phenol-d6

Concen: 79.60 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 758257

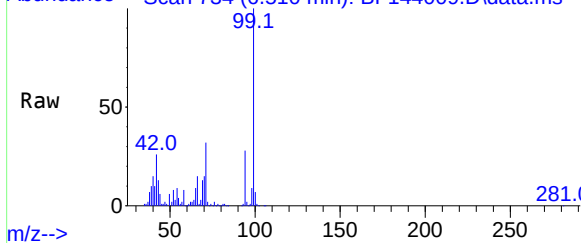
Ion Ratio Lower Upper

99 100

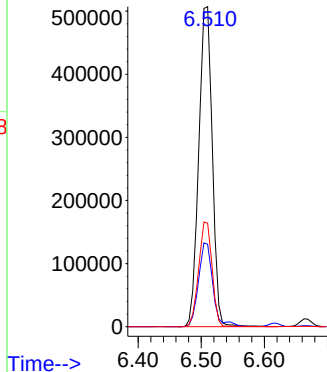
42 25.8 21.0 31.4

71 32.3 27.8 41.8

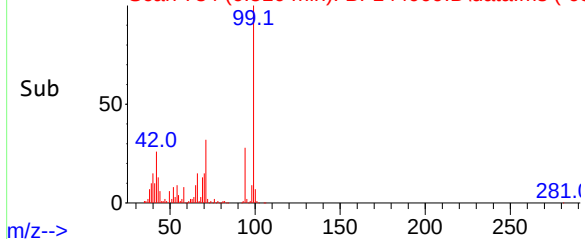
Abundance Scan 734 (6.510 min): BF144009.D\data.ms



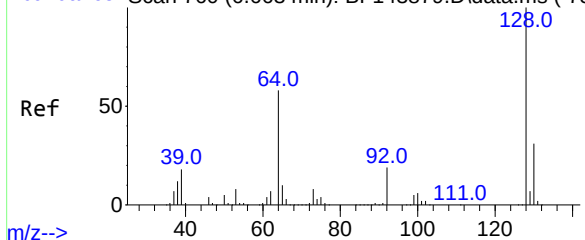
Abundance



Abundance Scan 734 (6.510 min): BF144009.D\data.ms (-68



Abundance Scan 760 (6.663 min): BF143879.D\data.ms (-75



#8

2-Chlorophenol

Concen: 41.15 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 128 Resp: 321477

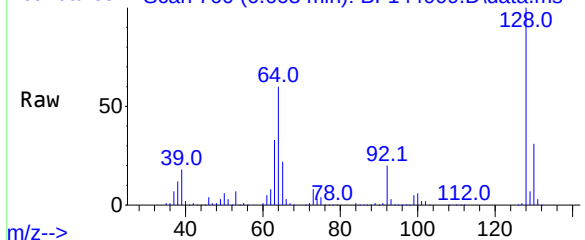
Ion Ratio Lower Upper

128 100

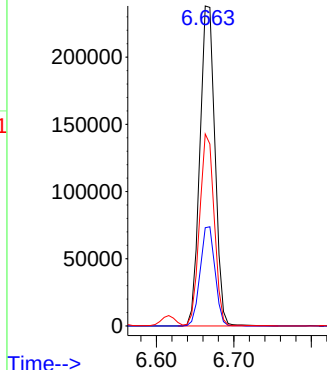
130 30.7 10.7 50.7

64 60.0 39.0 79.0

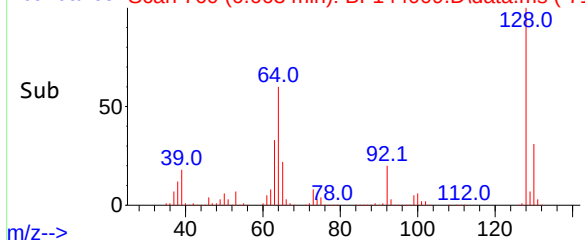
Abundance Scan 760 (6.663 min): BF144009.D\data.ms



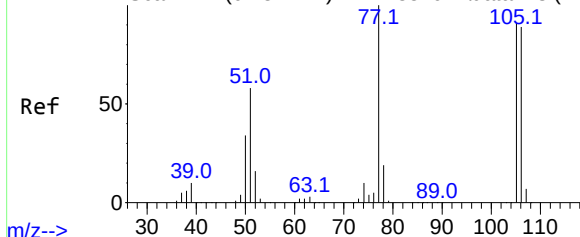
Abundance



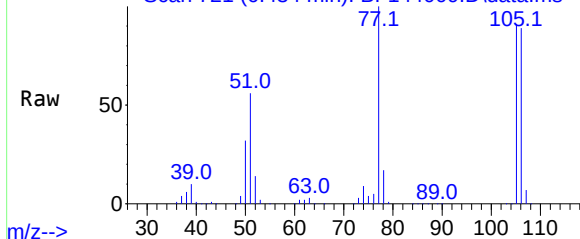
Abundance Scan 760 (6.663 min): BF144009.D\data.ms (-71



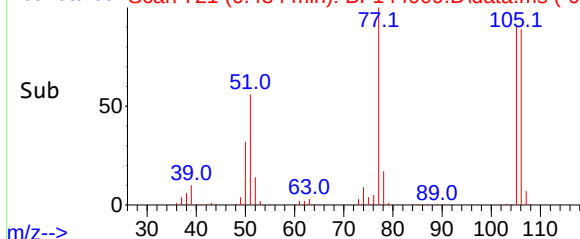
Abundance Scan 721 (6.434 min): BF143879.D\data.ms (-71



m/z--> Abundance Scan 721 (6.434 min): BF144009.D\data.ms



m/z--> Abundance Scan 721 (6.434 min): BF144009.D\data.ms (-67



m/z-->

#9

Benzaldehyde

Concen: 41.55 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 305342

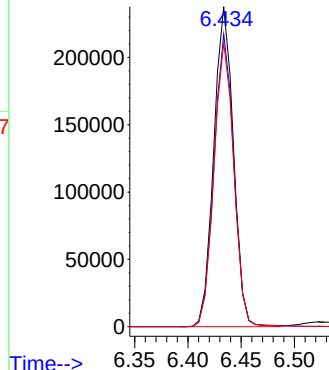
Ion Ratio Lower Upper

77 100

105 91.4 70.9 110.9

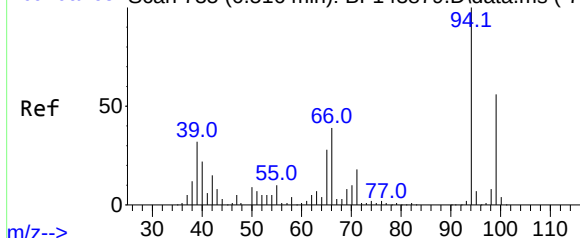
106 88.7 68.9 108.9

Abundance

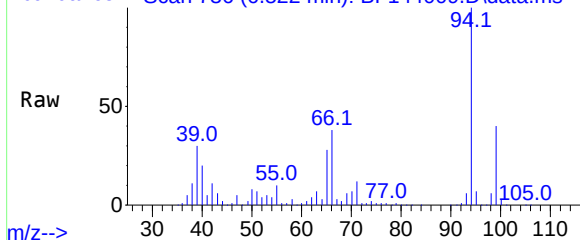


Time-->

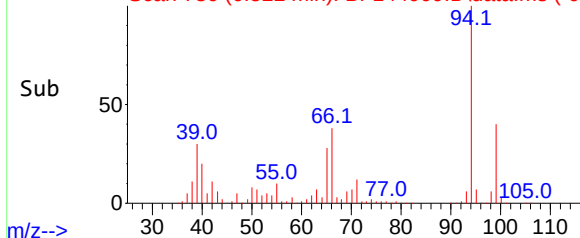
Abundance Scan 735 (6.516 min): BF143879.D\data.ms (-72



m/z--> Abundance Scan 736 (6.522 min): BF144009.D\data.ms



m/z--> Abundance Scan 736 (6.522 min): BF144009.D\data.ms (-68



m/z-->

#10

Phenol

Concen: 42.37 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 94 Resp: 482522

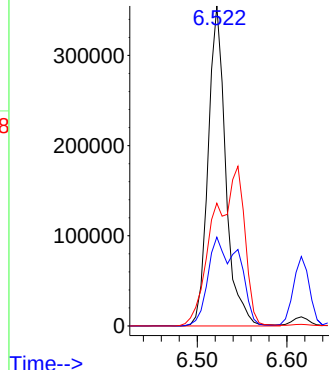
Ion Ratio Lower Upper

94 100

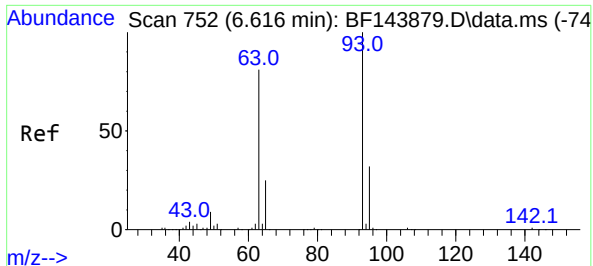
65 27.7 8.5 48.5

66 38.4 19.9 59.9

Abundance



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 39.70 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

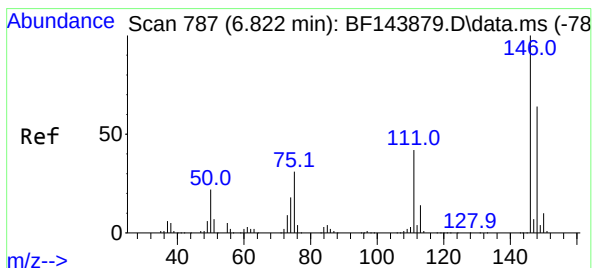
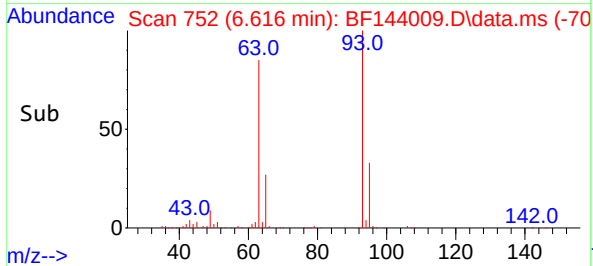
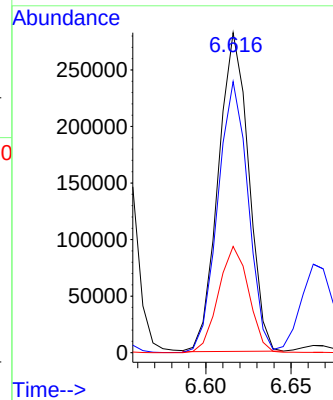
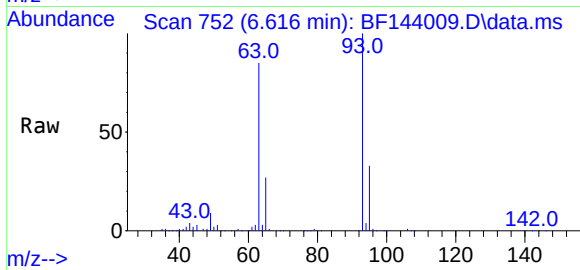
Tgt Ion: 93 Resp: 349275

Ion Ratio Lower Upper

93 100

63 84.7 60.9 100.9

95 33.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.72 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

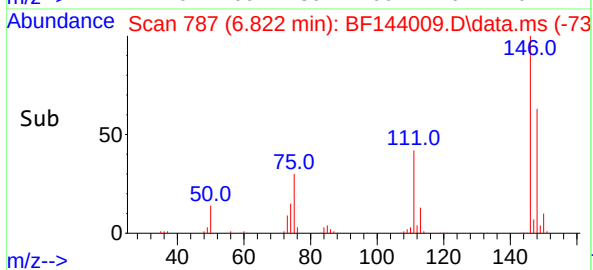
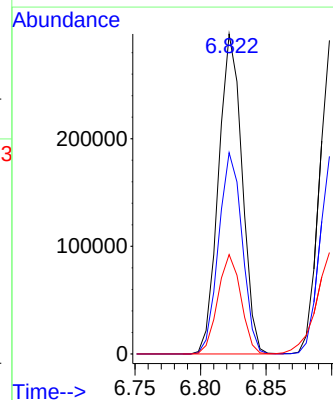
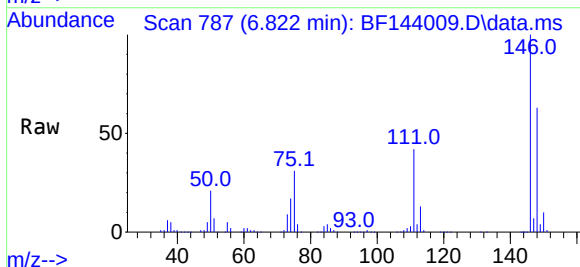
Tgt Ion: 146 Resp: 371419

Ion Ratio Lower Upper

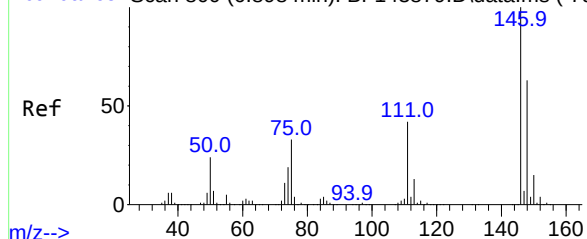
146 100

148 62.9 51.0 76.4

75 31.1 24.9 37.3

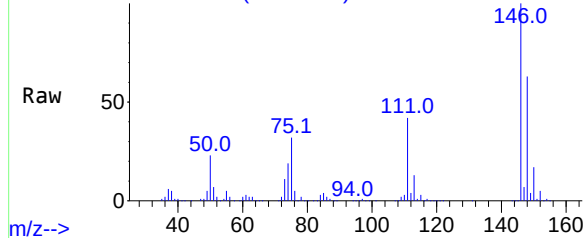


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



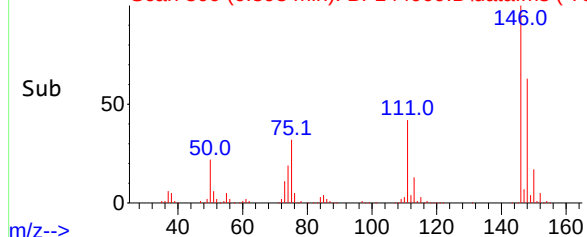
m/z-->

Abundance Scan 800 (6.898 min): BF144009.D\data.ms



m/z-->

Abundance Scan 800 (6.898 min): BF144009.D\data.ms (-75



m/z-->

#13

1,4-Dichlorobenzene

Concen: 39.44 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 363777

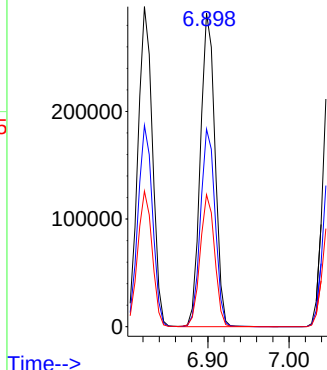
Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

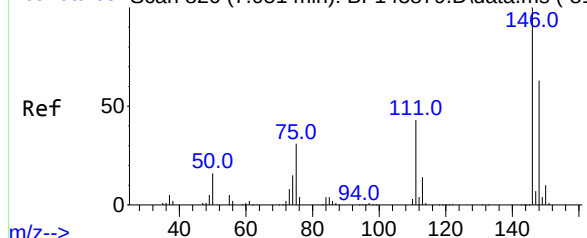
111 42.1 33.4 50.0

Abundance



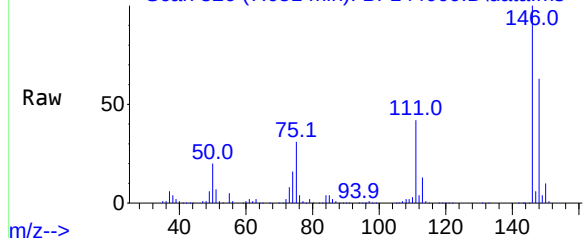
Time-->

Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



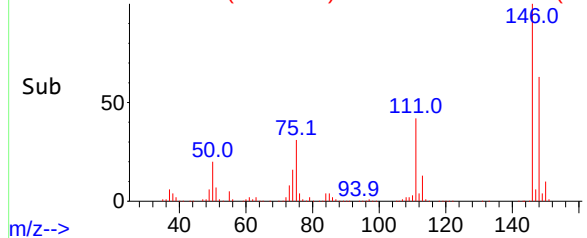
m/z-->

Abundance Scan 826 (7.051 min): BF144009.D\data.ms



m/z-->

Abundance Scan 826 (7.051 min): BF144009.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 40.53 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:146 Resp: 358067

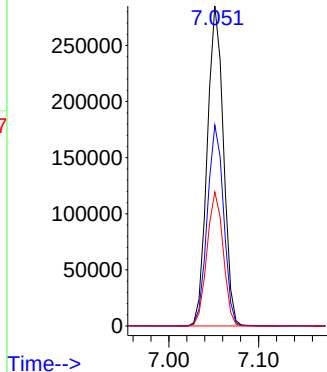
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

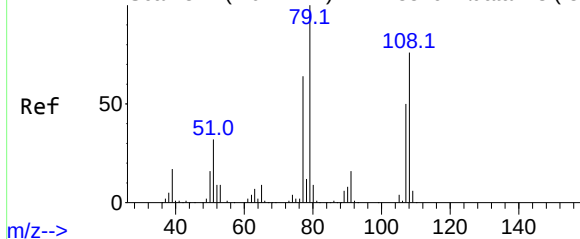
111 41.9 34.6 51.8

Abundance



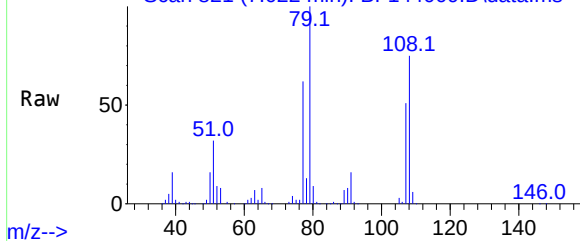
Time-->

Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



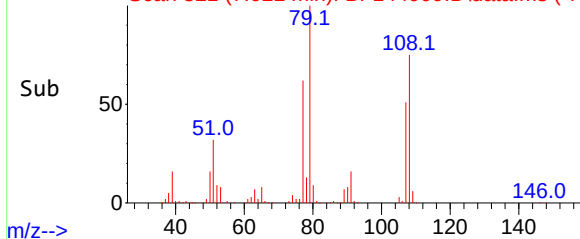
m/z-->

Abundance Scan 821 (7.022 min): BF144009.D\data.ms



m/z-->

Abundance Scan 821 (7.022 min): BF144009.D\data.ms (-77



m/z-->

#15

Benzyl Alcohol

Concen: 39.85 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 284416

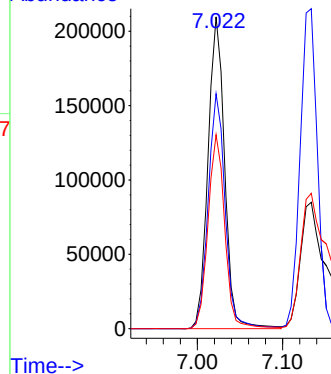
Ion Ratio Lower Upper

79 100

108 75.3 60.8 91.2

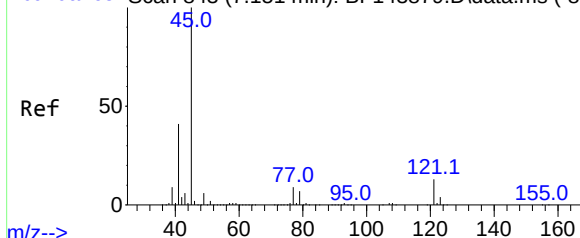
77 62.2 51.0 76.6

Abundance



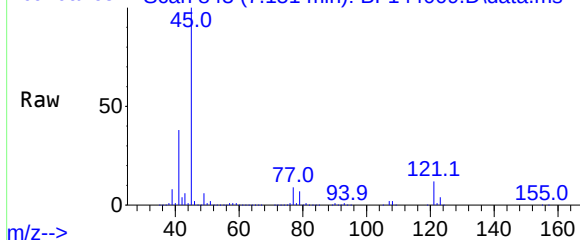
Time-->

Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



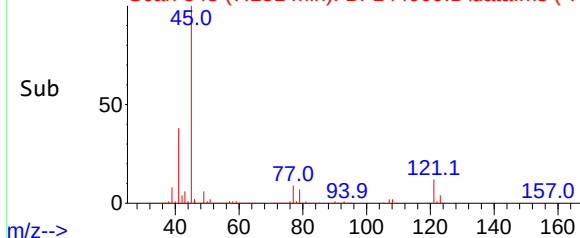
m/z-->

Abundance Scan 843 (7.151 min): BF144009.D\data.ms



m/z-->

Abundance Scan 843 (7.151 min): BF144009.D\data.ms (-79



m/z-->

#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.87 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 45 Resp: 818434

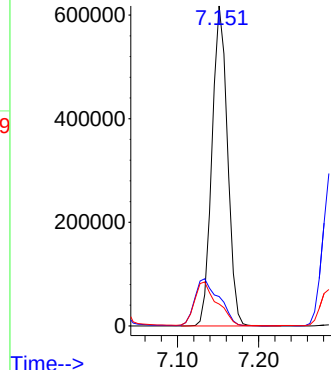
Ion Ratio Lower Upper

45 100

77 9.2 0.0 29.0

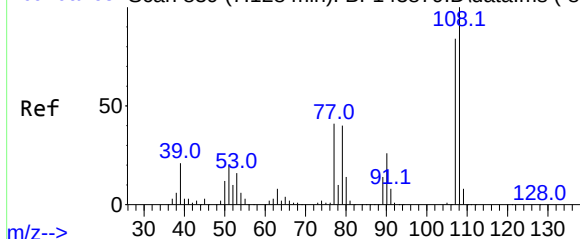
79 6.9 0.0 26.8

Abundance



Time-->

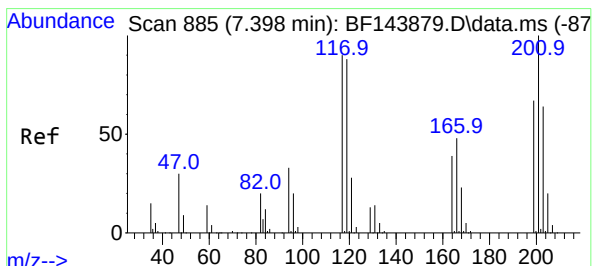
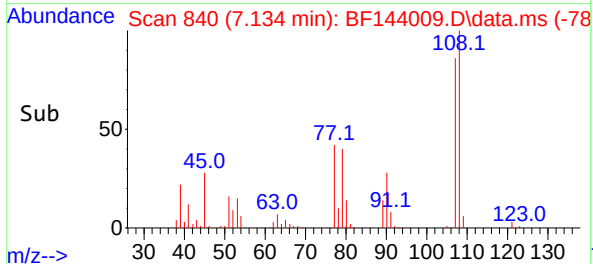
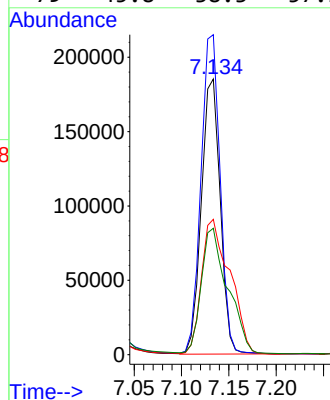
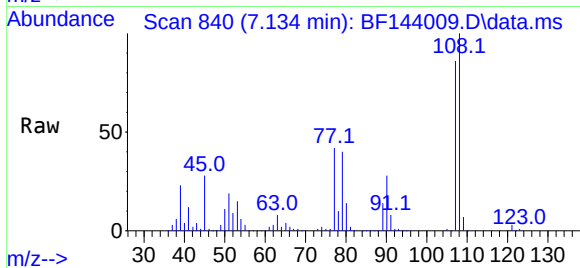
Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17
2-Methylphenol
Concen: 39.68 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

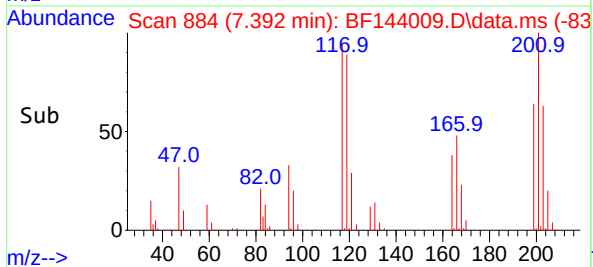
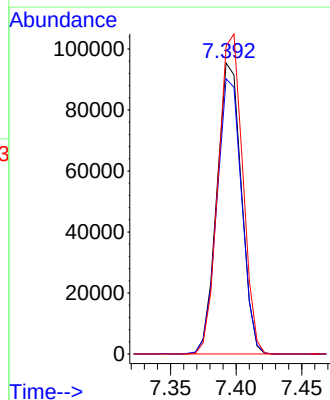
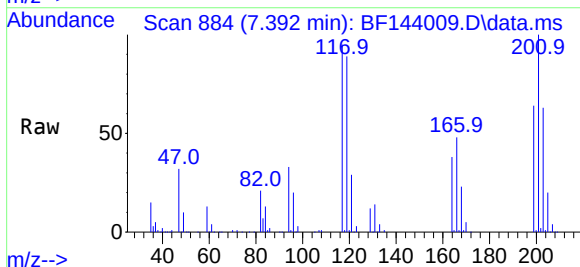
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 256143
Ion Ratio Lower Upper
107 100
108 116.1 94.7 142.1
77 49.1 38.8 58.2
79 45.8 38.3 57.5

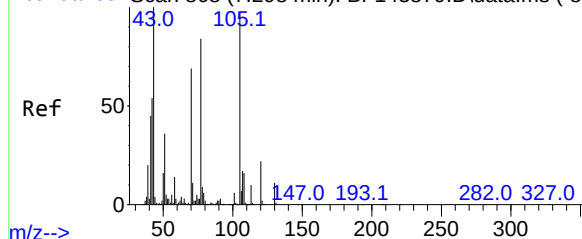


#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:117 Resp: 123432
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.8
201 105.8 88.5 132.7

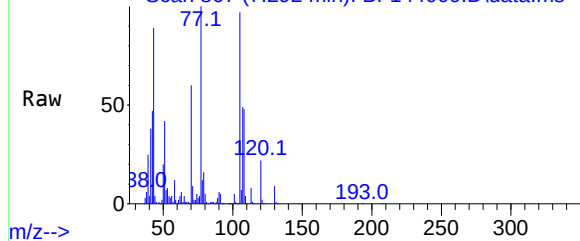


Abundance Scan 868 (7.298 min): BF143879.D\data.ms (-86



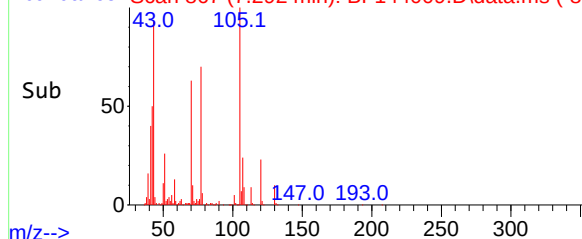
m/z-->

Abundance Scan 867 (7.292 min): BF144009.D\data.ms



m/z-->

Abundance Scan 867 (7.292 min): BF144009.D\data.ms (-82



m/z-->

#19

n-Nitroso-di-n-propylamine

Concen: 38.27 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 249549

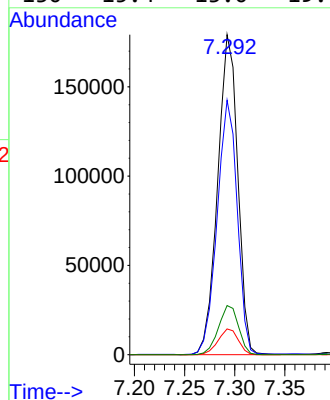
Ion Ratio Lower Upper

70 100

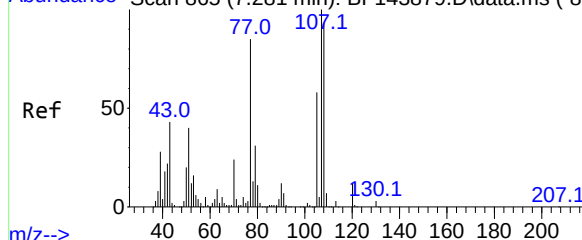
42 79.5 62.8 94.2

101 8.1 6.7 10.1

130 15.4 13.0 19.4

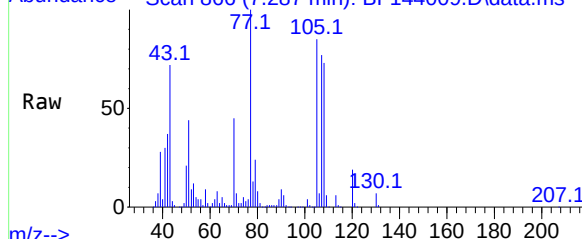


Abundance Scan 865 (7.281 min): BF143879.D\data.ms (-85



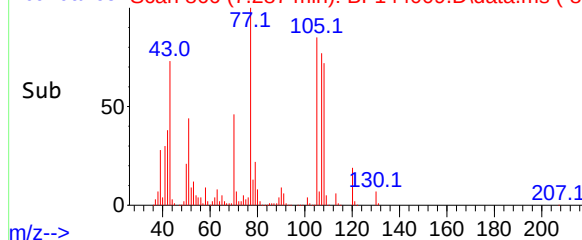
m/z-->

Abundance Scan 866 (7.287 min): BF144009.D\data.ms



m/z-->

Abundance Scan 866 (7.287 min): BF144009.D\data.ms (-81



m/z-->

#20

3+4-Methylphenols

Concen: 39.91 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 107 Resp: 298653

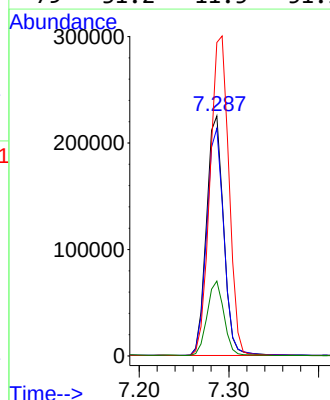
Ion Ratio Lower Upper

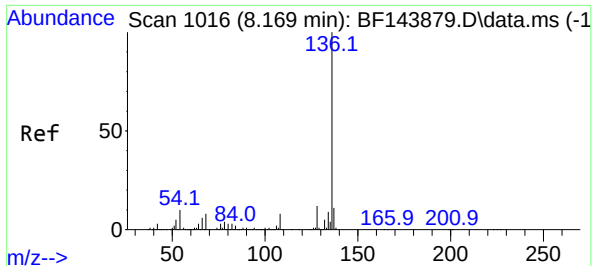
107 100

108 94.8 73.0 113.0

77 130.6 64.6 104.6#

79 31.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 483648

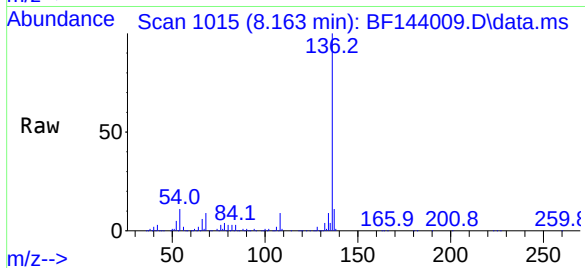
Ion Ratio Lower Upper

136 100

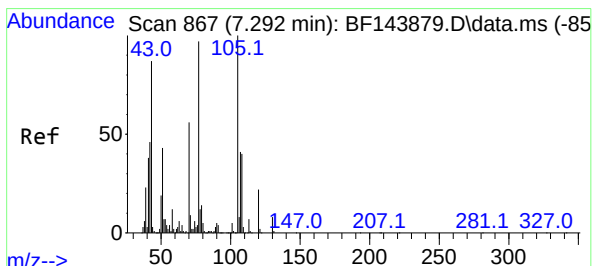
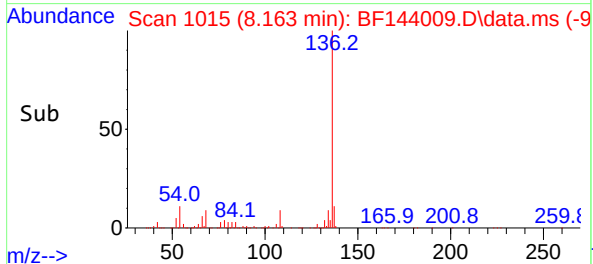
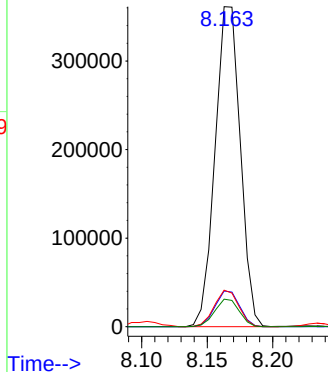
137 11.2 8.5 12.7

54 11.4 8.2 12.4

68 8.6 6.2 9.4



Abundance



#22

Acetophenone

Concen: 38.65 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:105 Resp: 395279

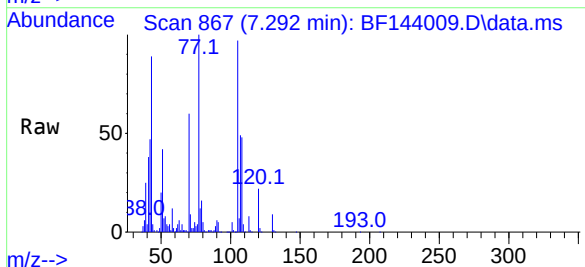
Ion Ratio Lower Upper

105 100

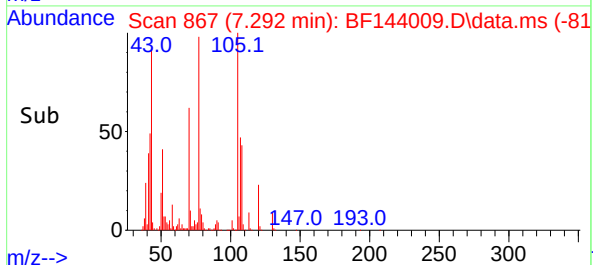
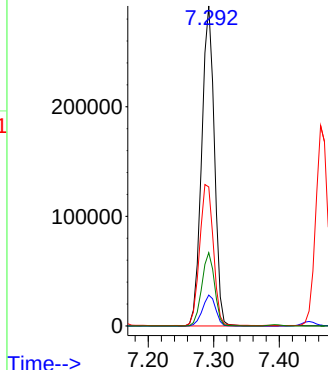
71 9.7 7.4 11.0

51 43.5 34.2 51.4

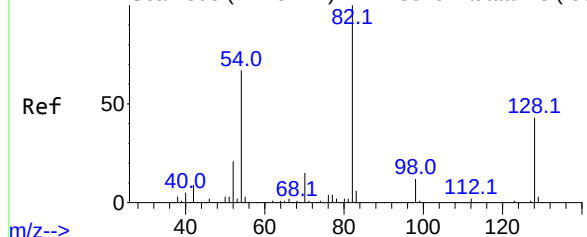
120 22.9 17.7 26.5



Abundance



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 82.88 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

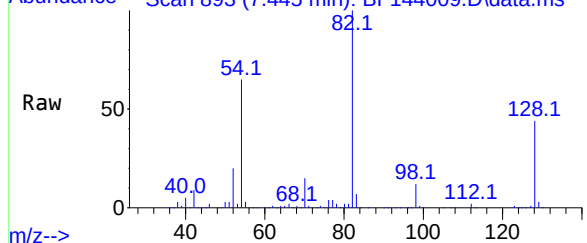
ClientSampleId :

SSTDCCC040

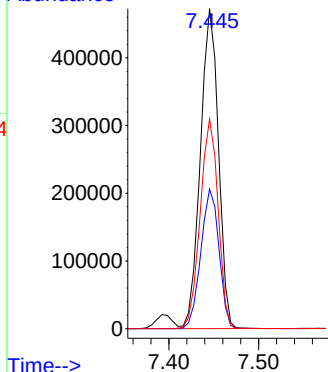
Tgt Ion: 82 Resp: 659772

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	65.5	53.2	79.8

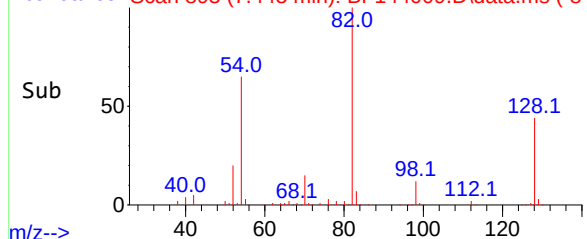
Abundance Scan 893 (7.445 min): BF144009.D\data.ms



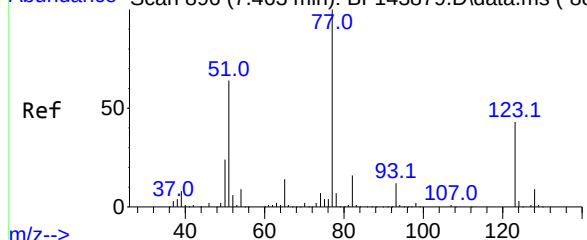
Abundance



Abundance Scan 893 (7.445 min): BF144009.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 41.81 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

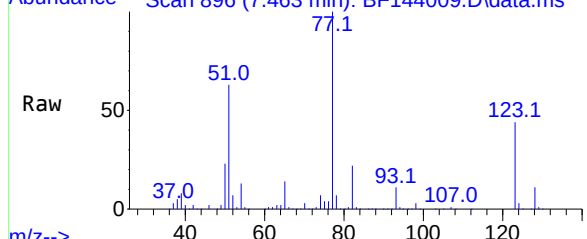
Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

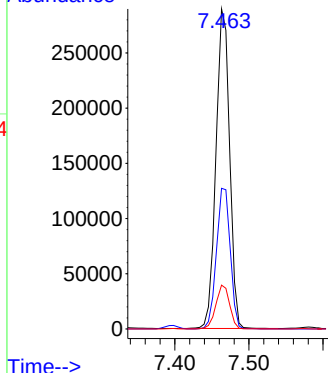
Tgt Ion: 77 Resp: 369646

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.2	51.4
65	13.7	11.0	16.6

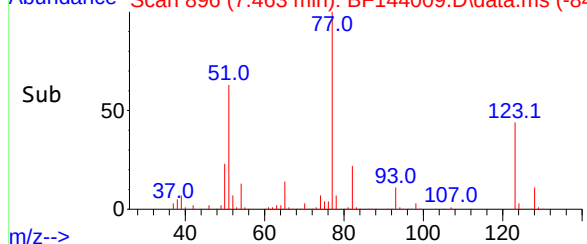
Abundance Scan 896 (7.463 min): BF144009.D\data.ms



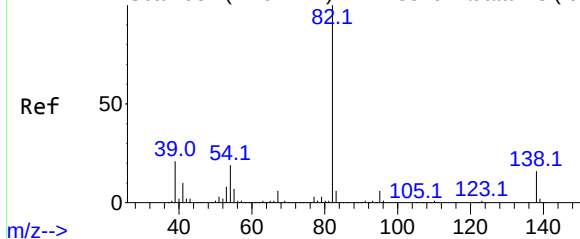
Abundance



Abundance Scan 896 (7.463 min): BF144009.D\data.ms (-84



Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93



#25

Isophorone

Concen: 38.25 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 642035

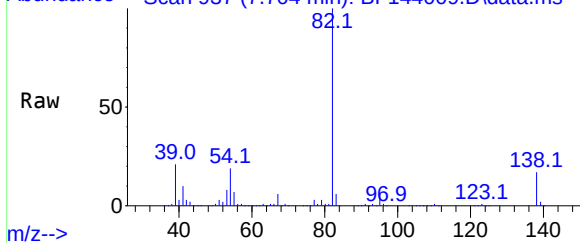
Ion Ratio Lower Upper

82 100

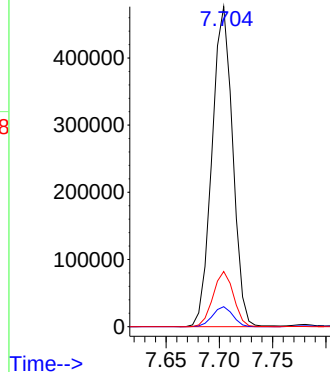
95 6.3 5.1 7.7

138 17.3 12.9 19.3

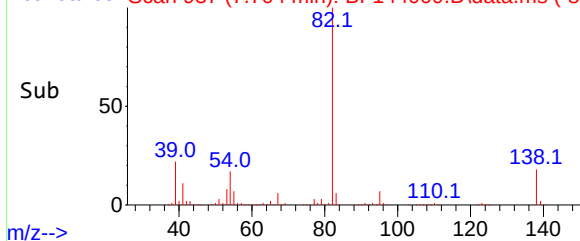
Abundance Scan 937 (7.704 min): BF144009.D\data.ms



Abundance

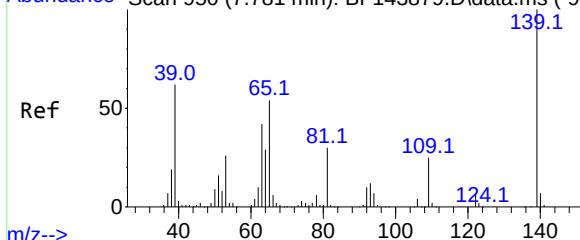


Abundance Scan 937 (7.704 min): BF144009.D\data.ms (-88



Time-->

Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94



#26

2-Nitrophenol

Concen: 46.34 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 139 Resp: 175637

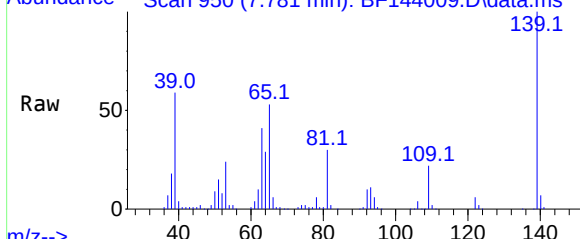
Ion Ratio Lower Upper

139 100

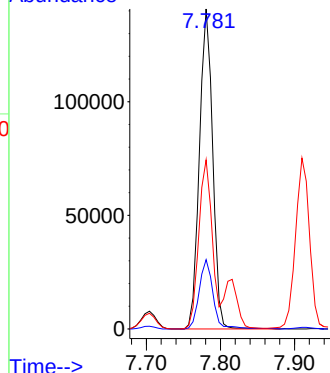
109 21.6 19.8 29.6

65 52.8 42.9 64.3

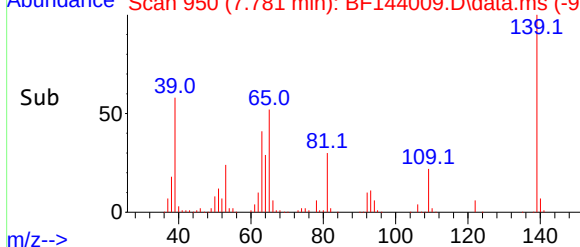
Abundance Scan 950 (7.781 min): BF144009.D\data.ms



Abundance

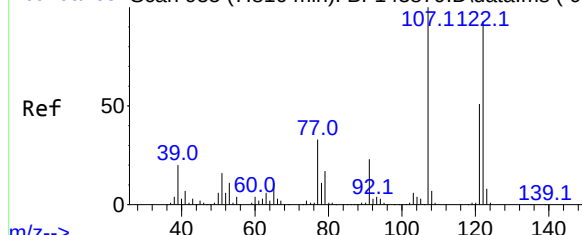


Abundance Scan 950 (7.781 min): BF144009.D\data.ms (-90



Time-->

Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 41.19 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 280851

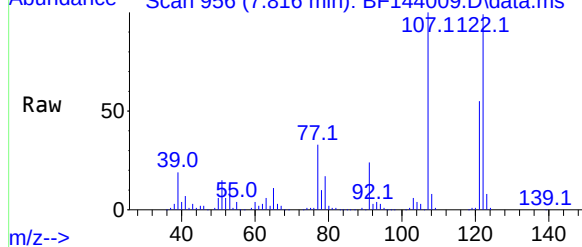
Ion Ratio Lower Upper

122 100

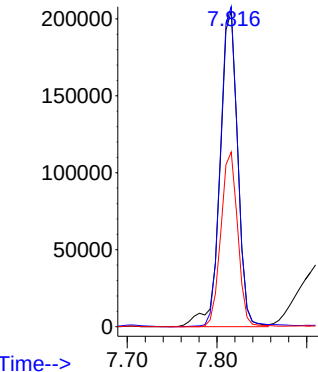
107 101.4 86.1 129.1

121 55.3 43.8 65.6

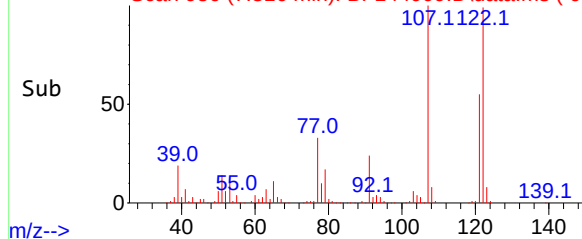
m/z--> Abundance Scan 956 (7.816 min): BF144009.D\data.ms



Abundance

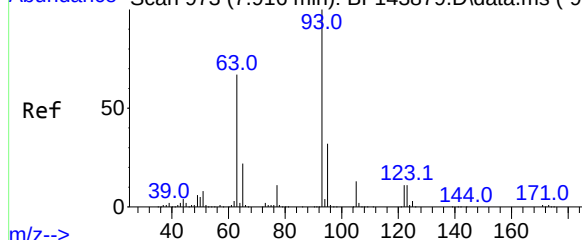


m/z--> Abundance Scan 956 (7.816 min): BF144009.D\data.ms (-90



Time-->

Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



#28

bis(2-Chloroethoxy)methane

Concen: 39.53 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 93 Resp: 419161

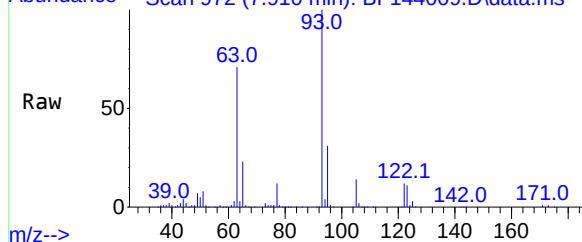
Ion Ratio Lower Upper

93 100

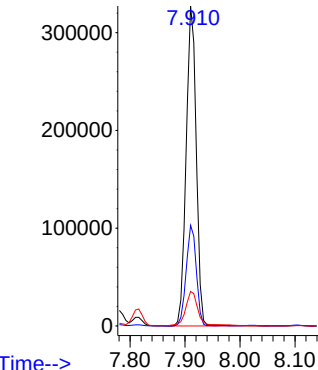
95 31.5 25.9 38.9

123 10.8 9.4 14.0

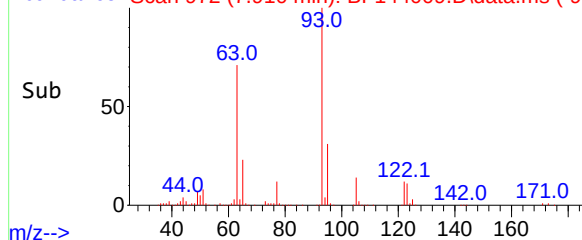
m/z--> Abundance Scan 972 (7.910 min): BF144009.D\data.ms



Abundance

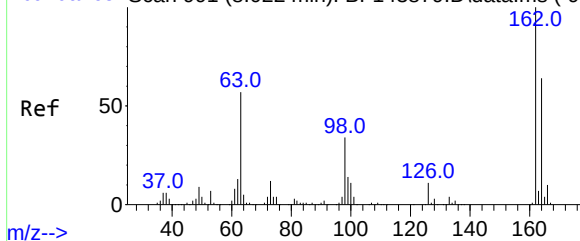


m/z--> Abundance Scan 972 (7.910 min): BF144009.D\data.ms (-92



Time-->

Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 40.12 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

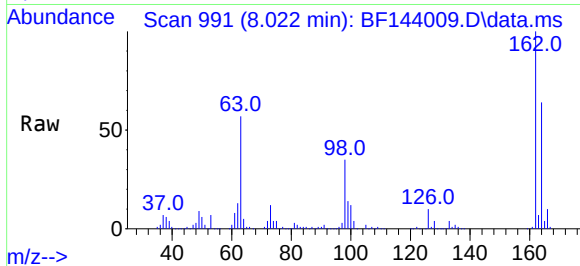
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

m/z-->



Tgt Ion:162 Resp: 284947

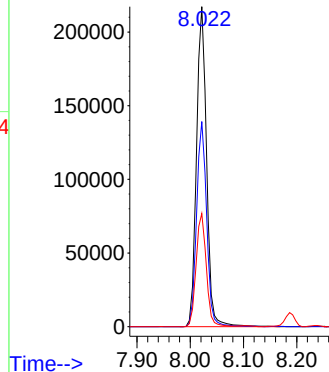
Ion Ratio Lower Upper

162 100

164 64.1 43.9 83.9

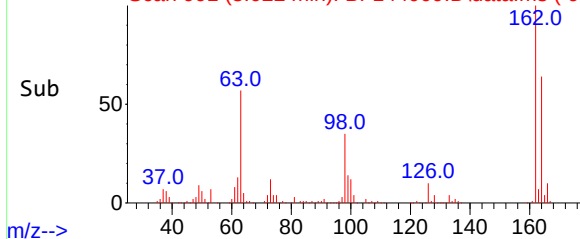
98 35.3 14.4 54.4

Abundance



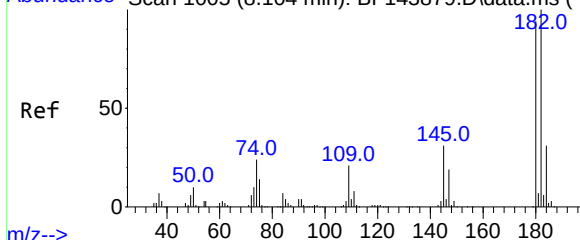
Time-->

Abundance Scan 991 (8.022 min): BF144009.D\data.ms (-94



m/z-->

Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



#30

1,2,4-Trichlorobenzene

Concen: 39.93 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:180 Resp: 278910

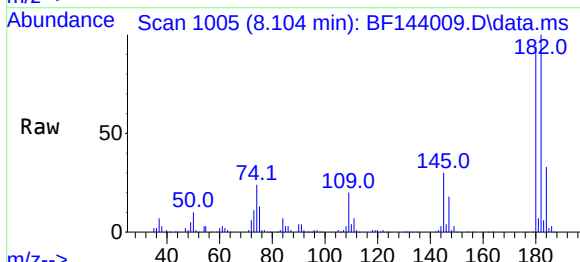
Ion Ratio Lower Upper

180 100

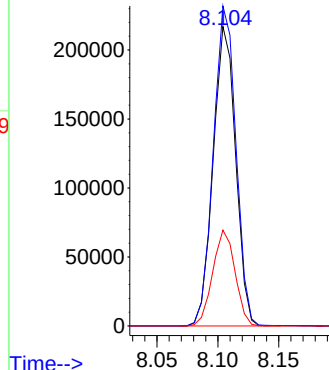
182 106.8 85.4 128.0

145 32.0 26.3 39.5

m/z-->

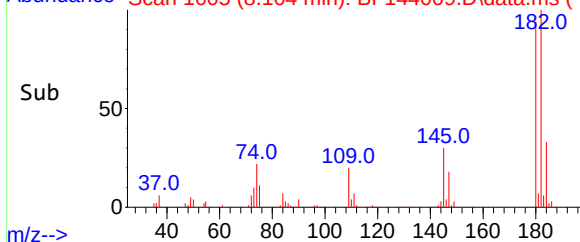


Abundance

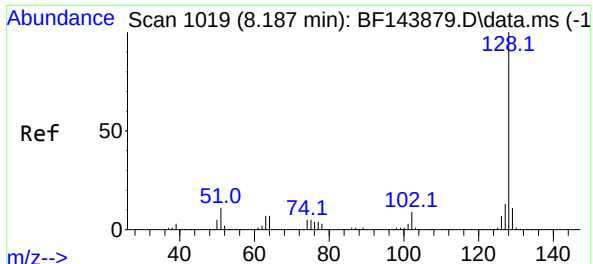


Time-->

Abundance Scan 1005 (8.104 min): BF144009.D\data.ms (-9



m/z-->



#31

Naphthalene

Concen: 39.67 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

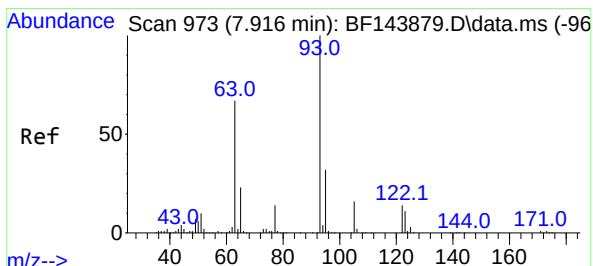
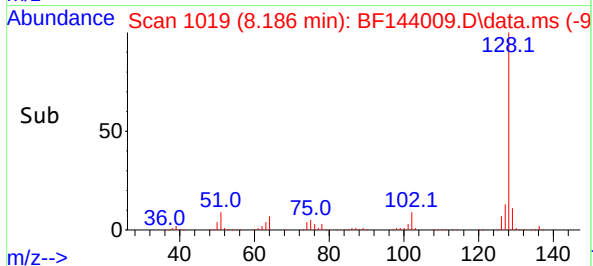
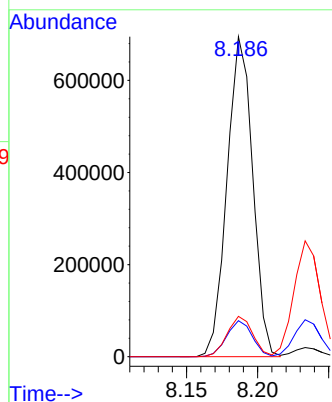
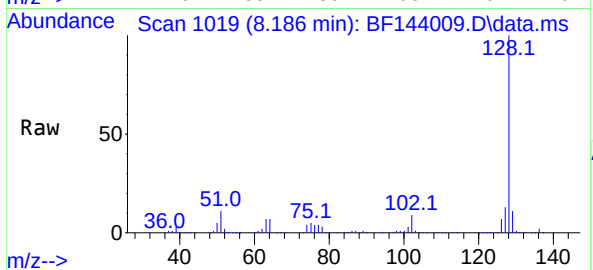
Tgt Ion:128 Resp: 872696

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.6 10.0 15.0



#32

Benzoic acid

Concen: 37.57 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

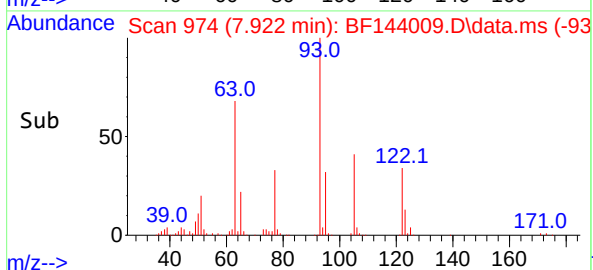
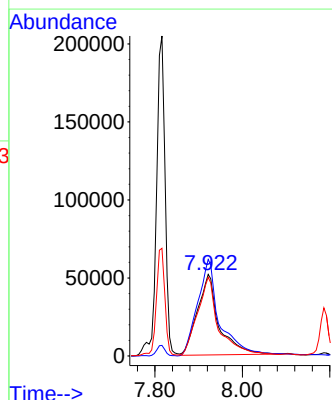
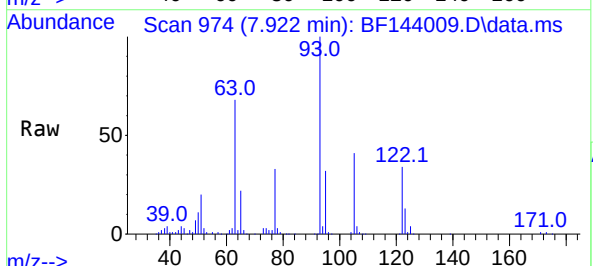
Tgt Ion:122 Resp: 177272

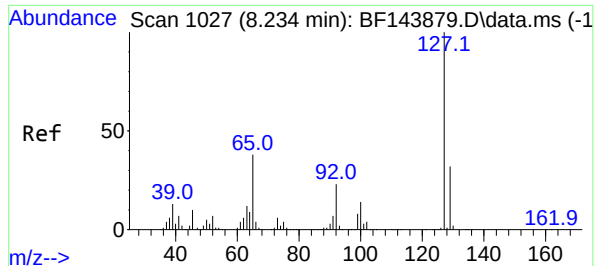
Ion Ratio Lower Upper

122 100

105 118.3 93.5 133.5

77 96.6 76.3 116.3





#33

4-Chloroaniline

Concen: 39.99 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 329949

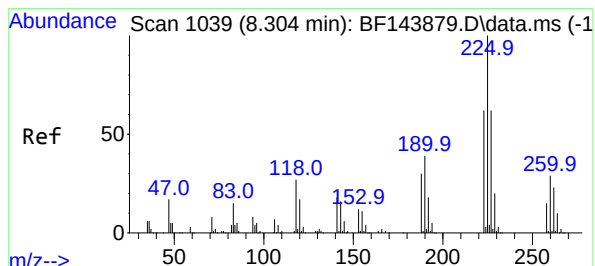
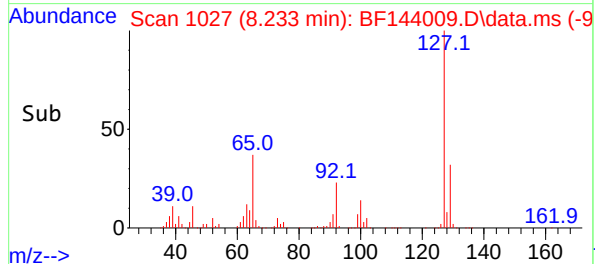
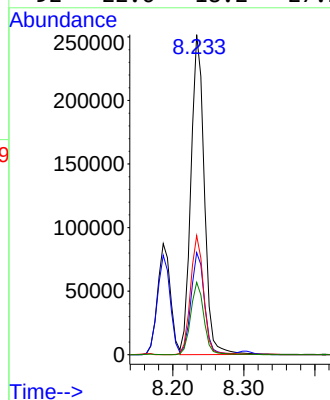
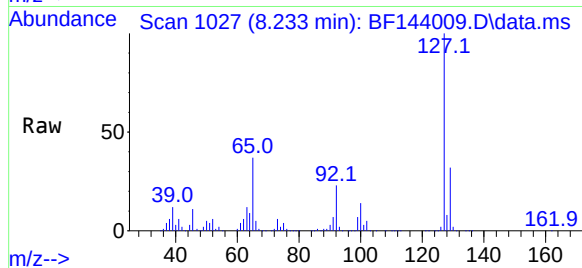
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 37.2 30.0 45.0

92 22.6 18.2 27.2



#34

Hexachlorobutadiene

Concen: 39.35 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

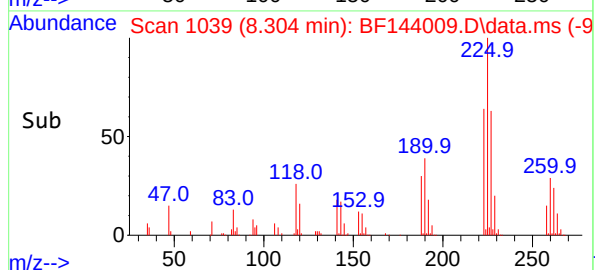
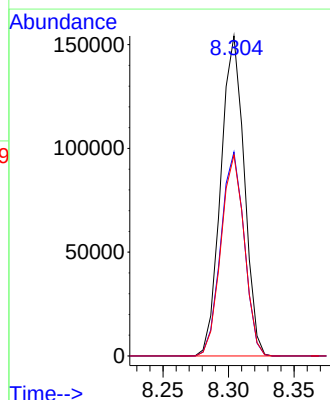
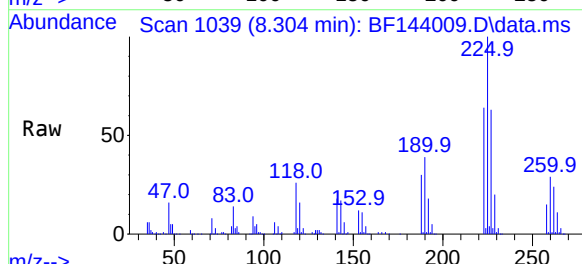
Tgt Ion:225 Resp: 190984

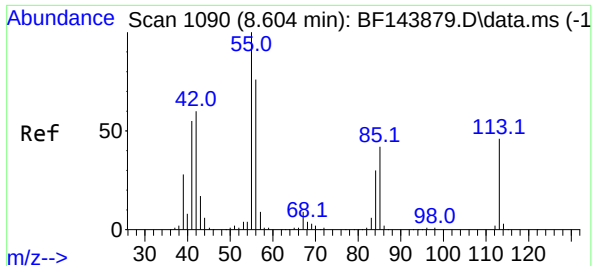
Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.2

227 62.7 49.7 74.5

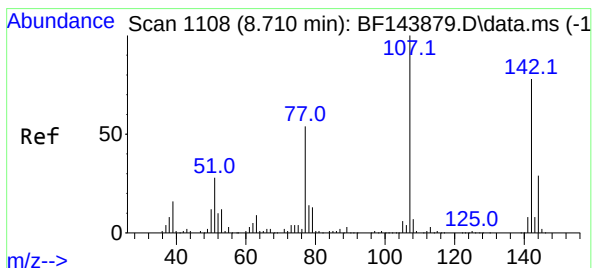
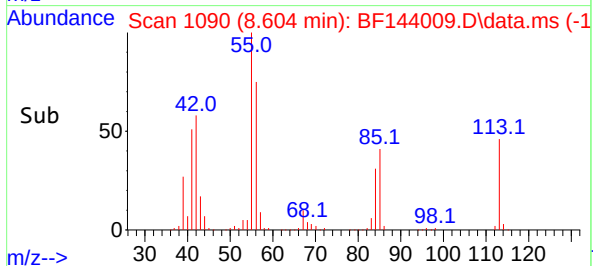
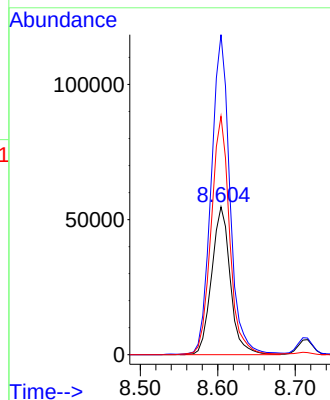
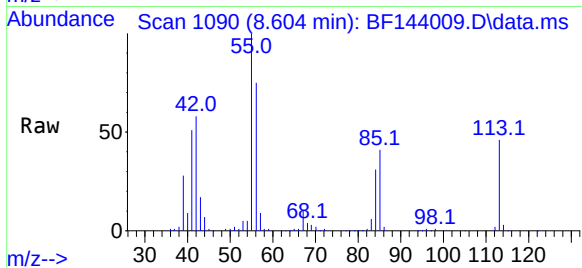




#35
 Caprolactam
 Concen: 40.57 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF144009.D
 Acq: 21 Oct 2025 13:29

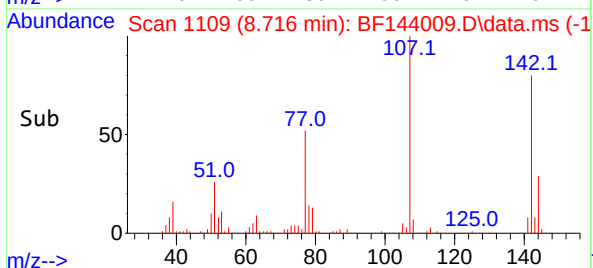
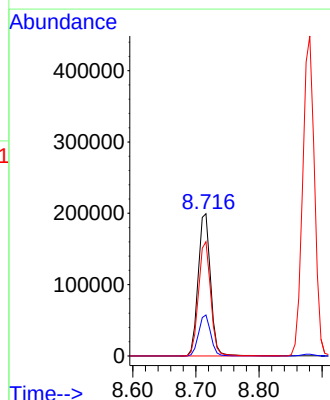
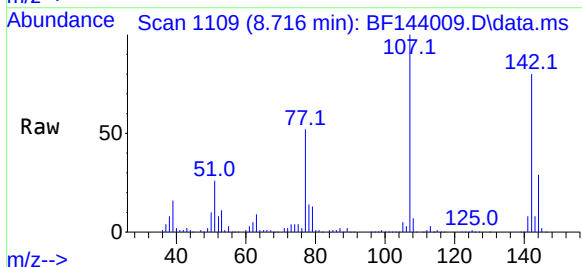
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

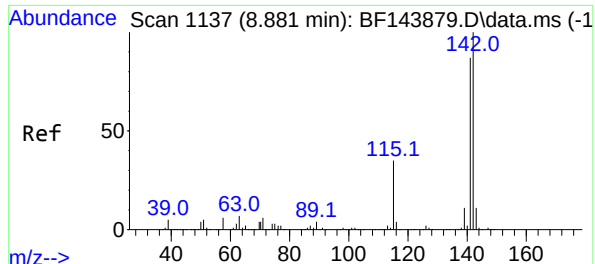
Tgt Ion:113 Resp: 91608
 Ion Ratio Lower Upper
 113 100
 55 216.4 199.6 239.6
 56 161.3 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.78 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF144009.D
 Acq: 21 Oct 2025 13:29

Tgt Ion:107 Resp: 271348
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.1 34.7
 142 80.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 39.55 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

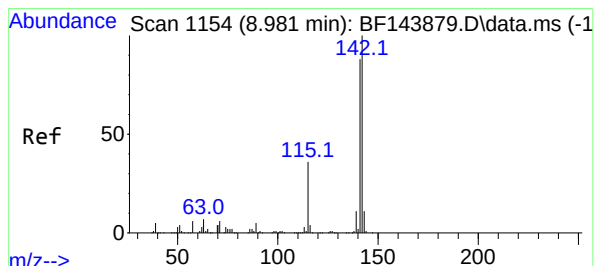
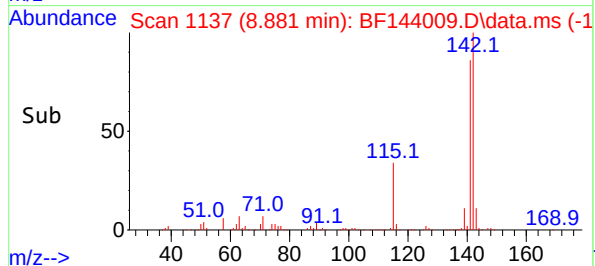
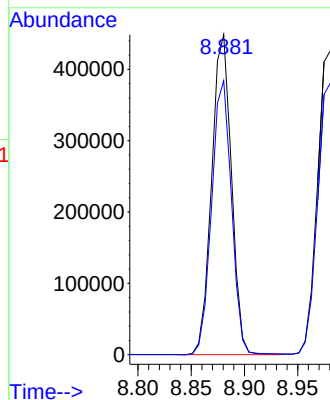
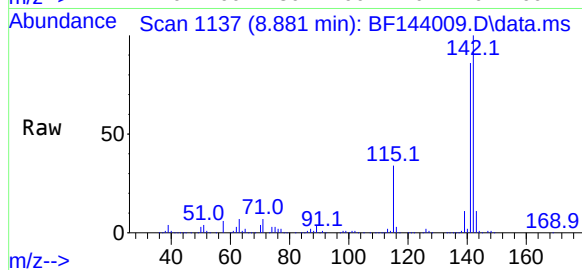
SSTDCCC040

Tgt Ion:142 Resp: 579595

Ion Ratio Lower Upper

142 100

141 85.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 39.00 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF144009.D

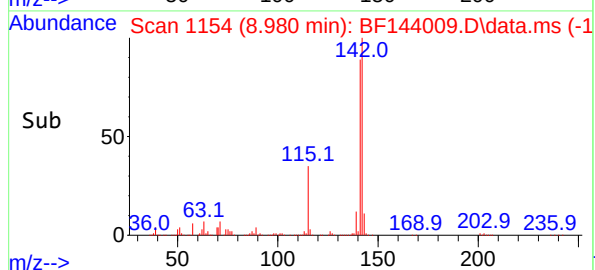
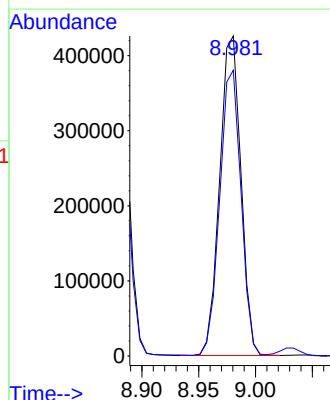
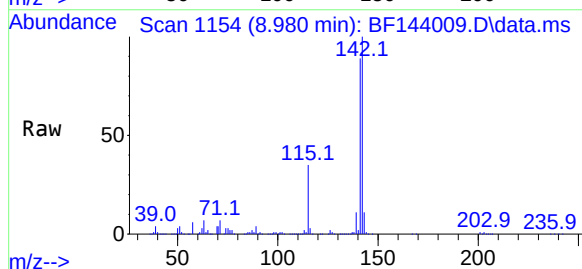
Acq: 21 Oct 2025 13:29

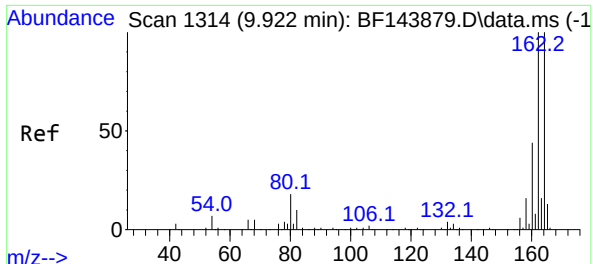
Tgt Ion:142 Resp: 554429

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

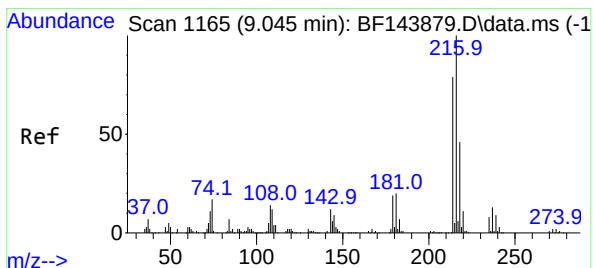
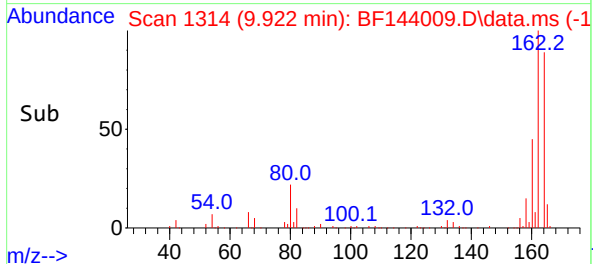
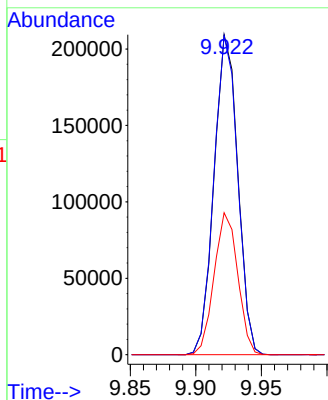
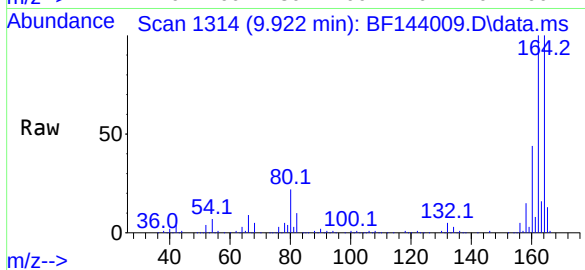
Tgt Ion:164 Resp: 263342

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.44 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:216 Resp: 294341

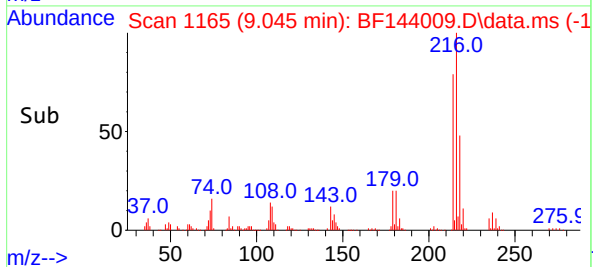
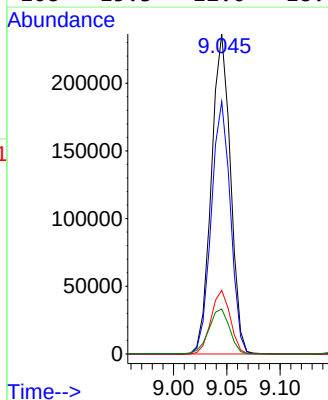
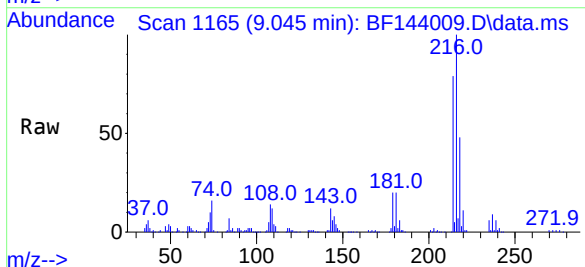
Ion Ratio Lower Upper

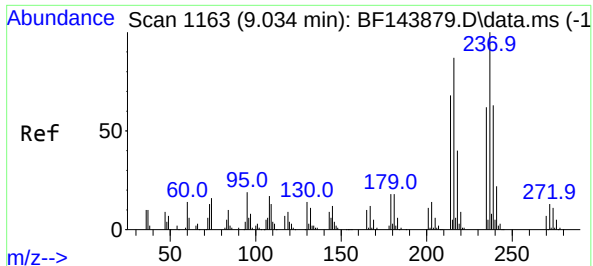
216 100

214 79.0 62.6 94.0

179 19.9 15.4 23.0

108 15.3 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 38.99 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

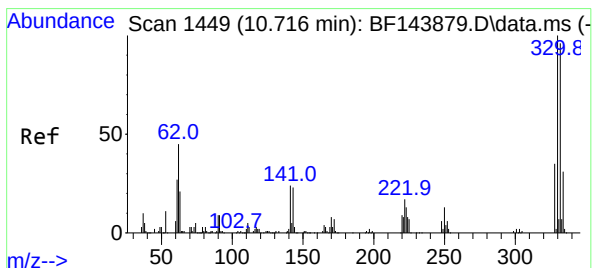
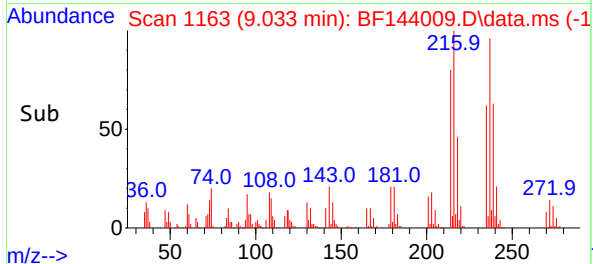
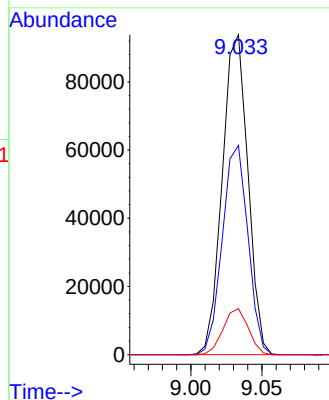
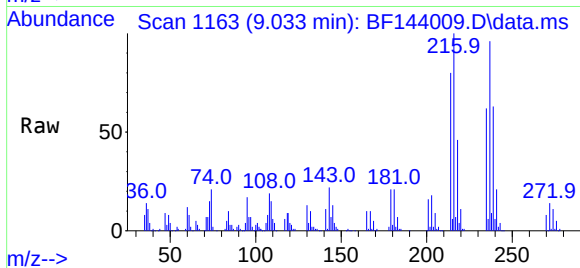
Tgt Ion:237 Resp: 117733

Ion Ratio Lower Upper

237 100

235 65.4 42.3 82.3

272 14.4 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 76.64 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

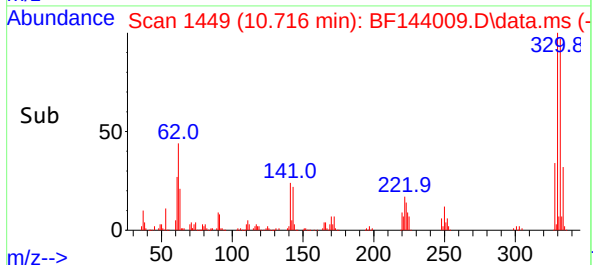
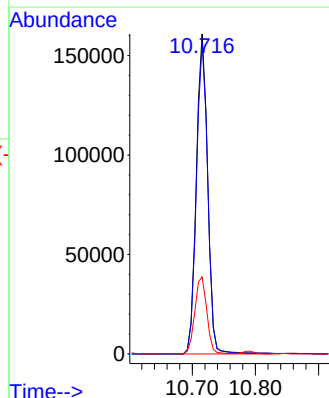
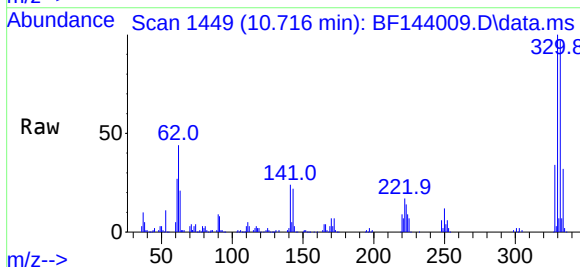
Tgt Ion:330 Resp: 201018

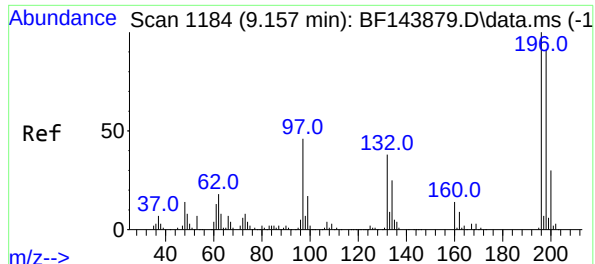
Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 25.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 39.06 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

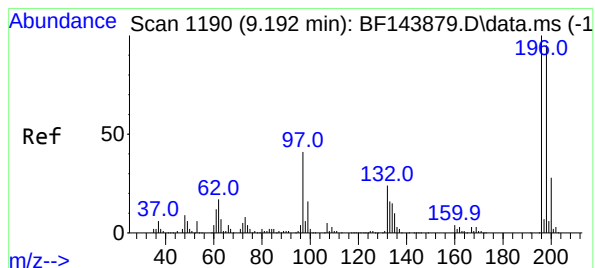
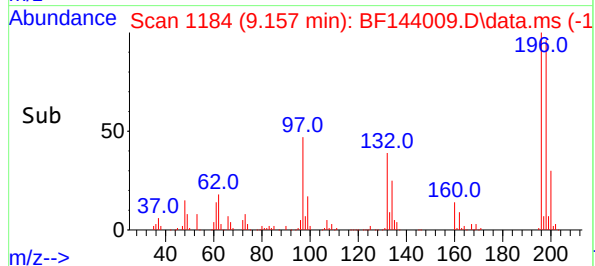
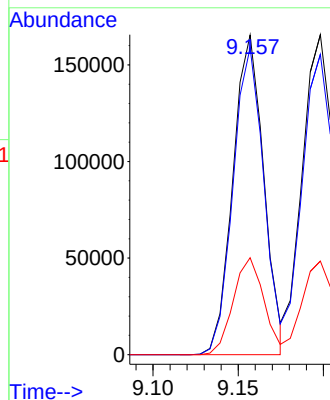
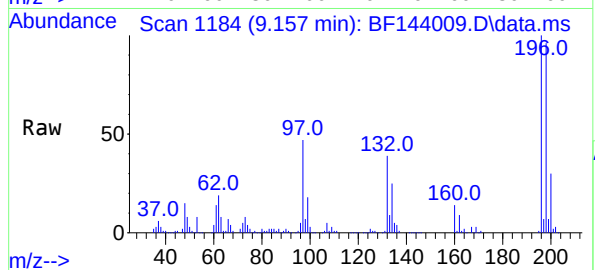
Tgt Ion:196 Resp: 207739

Ion Ratio Lower Upper

196 100

198 96.1 72.8 109.2

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 40.50 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:196 Resp: 227628

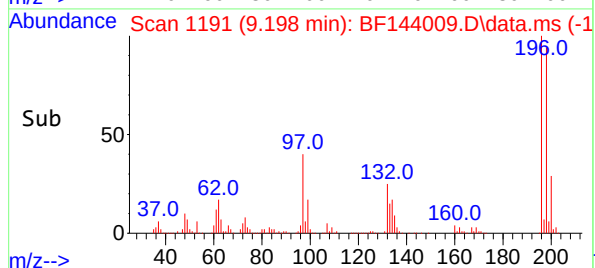
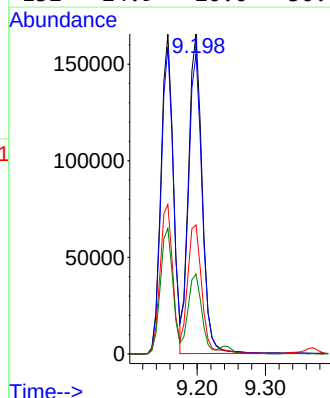
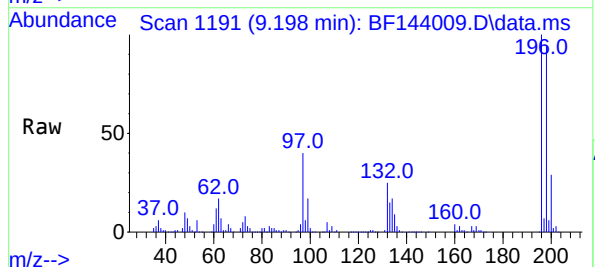
Ion Ratio Lower Upper

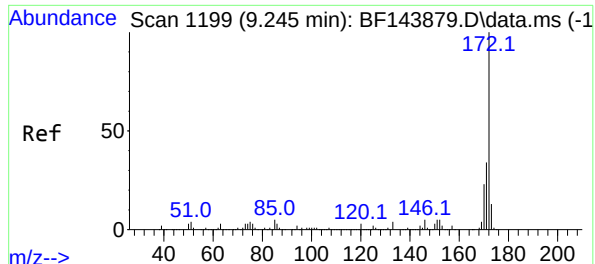
196 100

198 93.9 75.5 113.3

97 40.4 33.9 50.9

132 24.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 74.52 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

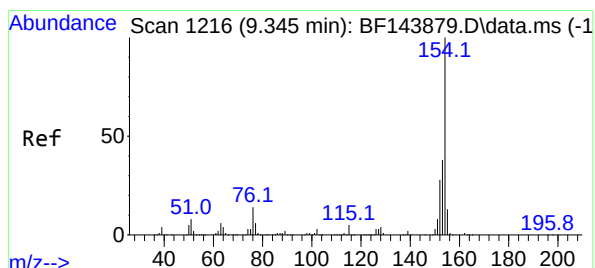
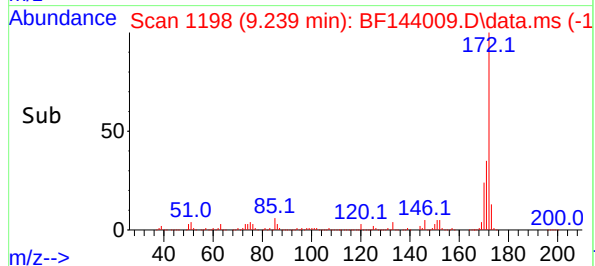
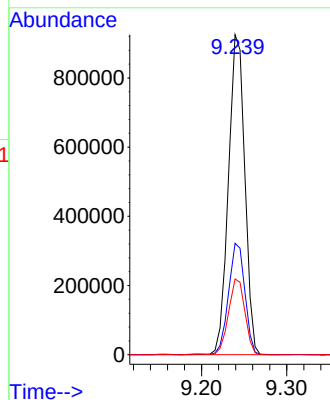
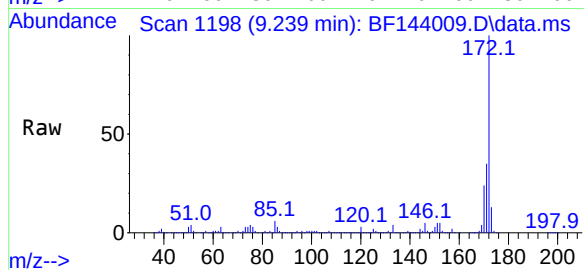
Tgt Ion:172 Resp: 1236786

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.75 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

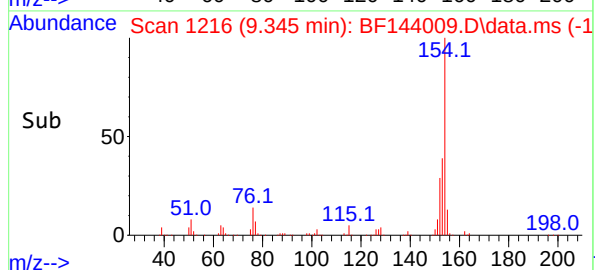
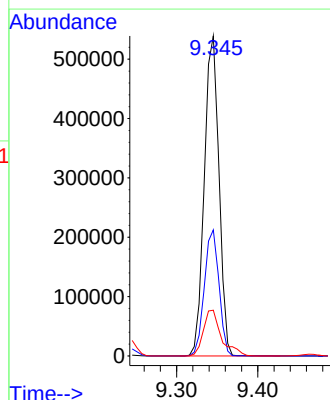
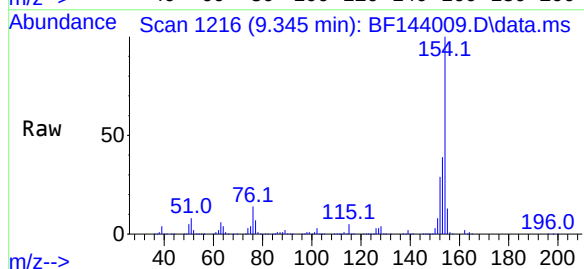
Tgt Ion:154 Resp: 675634

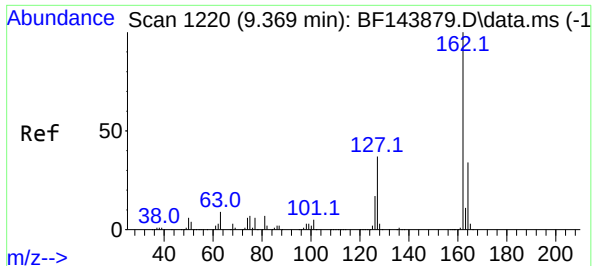
Ion Ratio Lower Upper

154 100

153 39.4 18.4 58.4

76 14.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.83 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

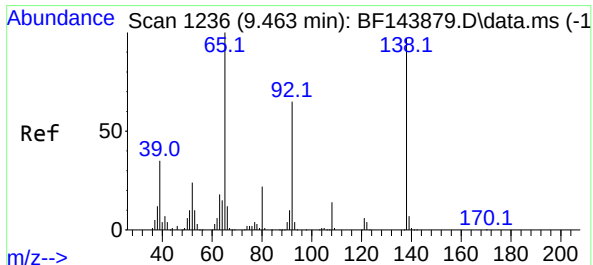
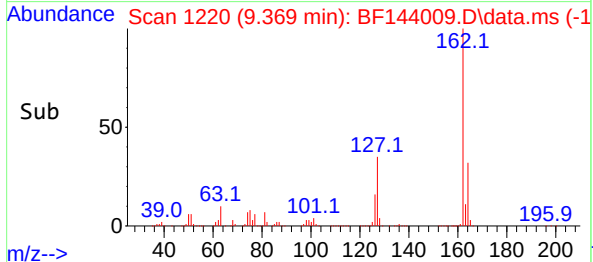
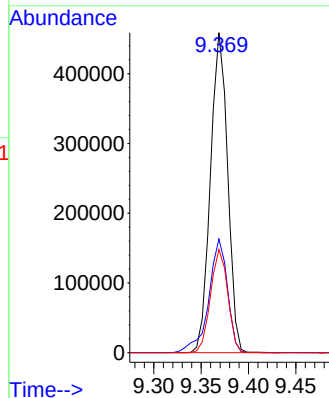
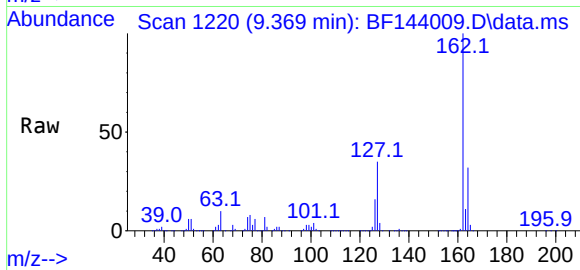
Tgt Ion:162 Resp: 579022

Ion Ratio Lower Upper

162 100

127 35.5 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 42.59 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

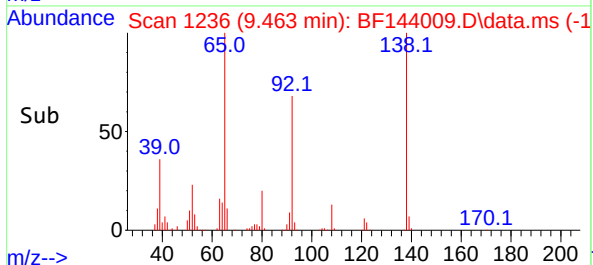
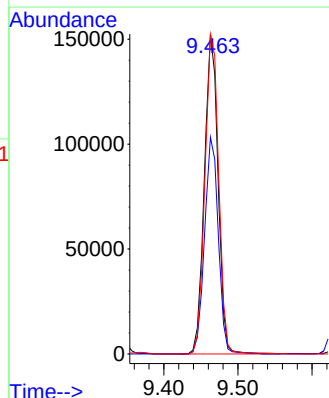
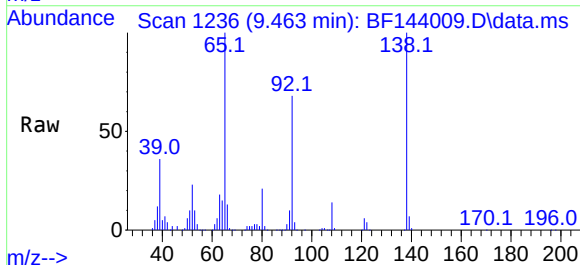
Tgt Ion: 65 Resp: 195755

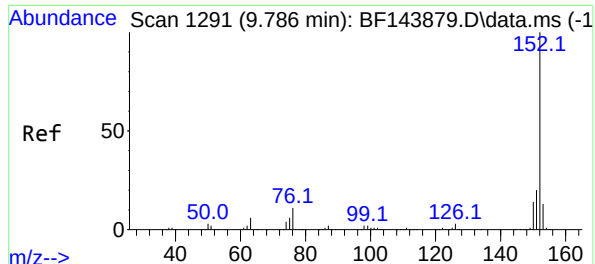
Ion Ratio Lower Upper

65 100

92 67.7 52.1 78.1

138 99.9 77.4 116.2





#49

Acenaphthylene

Concen: 39.46 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

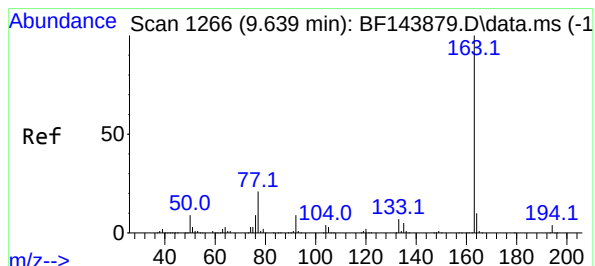
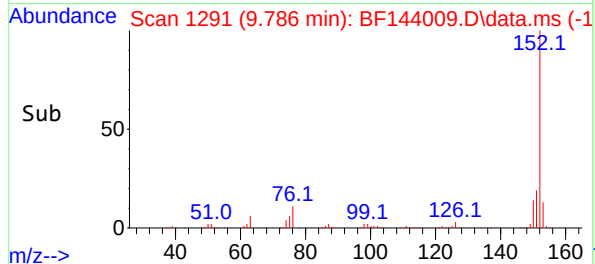
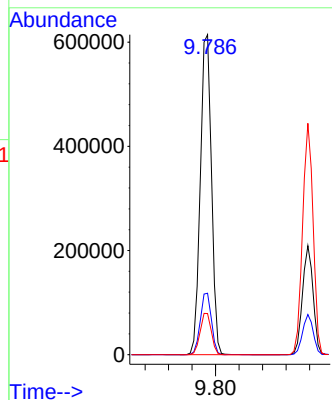
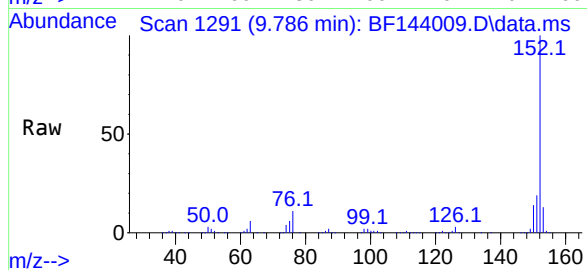
Tgt Ion:152 Resp: 806476

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 39.24 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

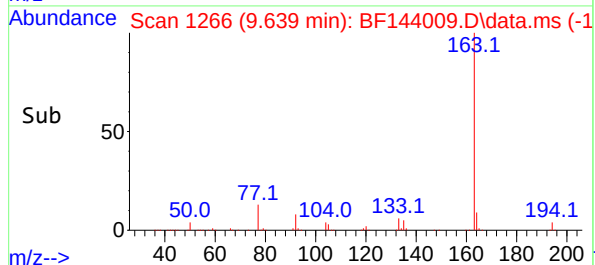
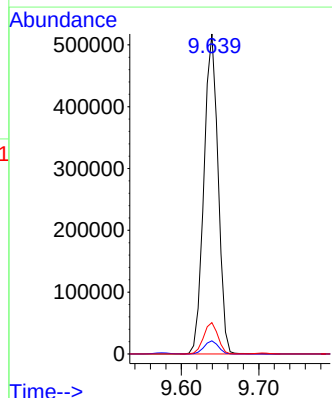
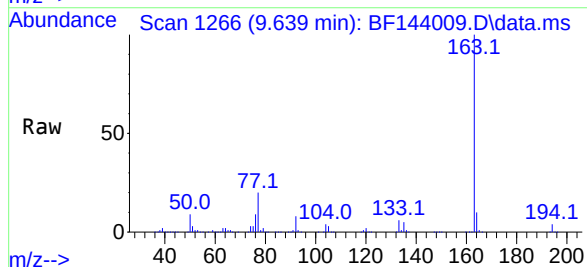
Tgt Ion:163 Resp: 656275

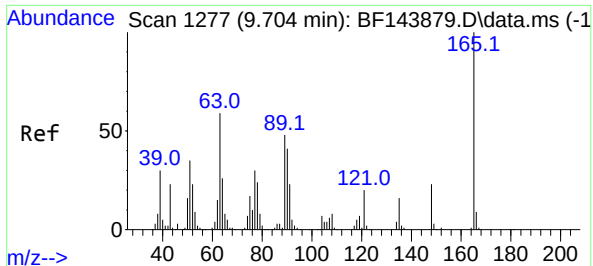
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

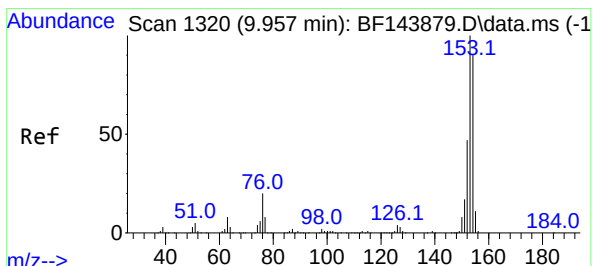
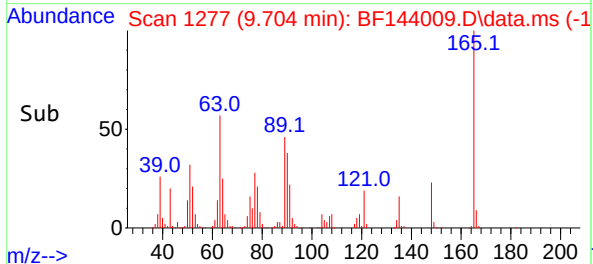
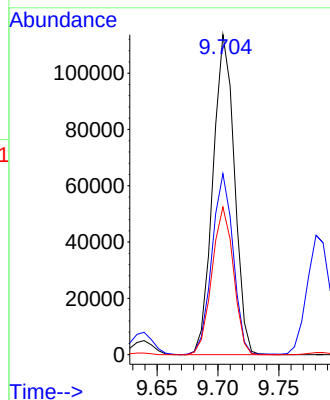
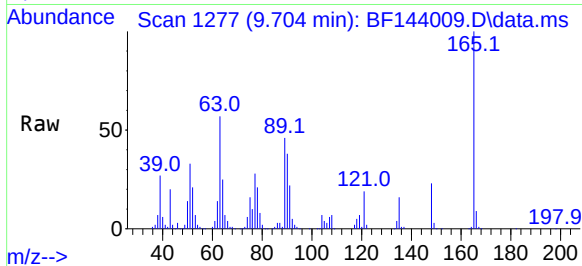




#51
2,6-Dinitrotoluene
Concen: 44.99 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

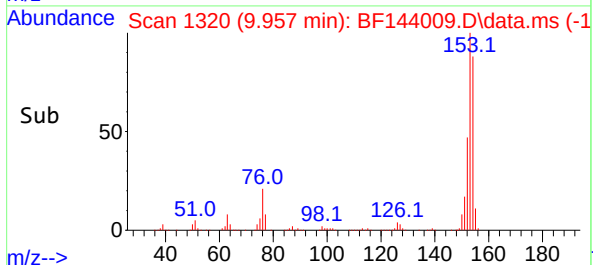
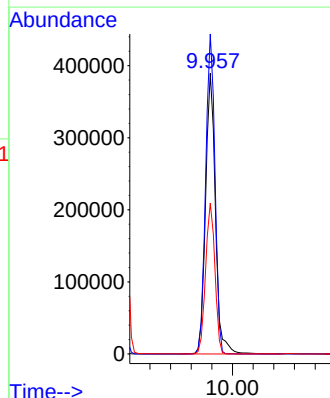
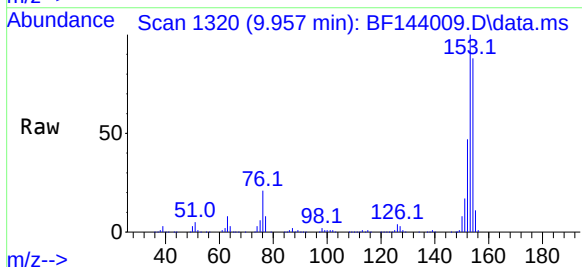
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

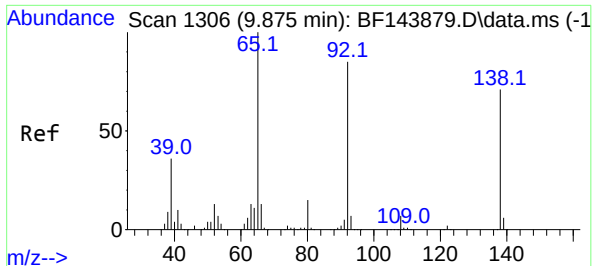
Tgt Ion:165 Resp: 139509
Ion Ratio Lower Upper
165 100
63 56.6 47.3 70.9
89 46.1 38.2 57.4



#52
Acenaphthene
Concen: 38.55 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:154 Resp: 516301
Ion Ratio Lower Upper
154 100
153 114.0 89.3 133.9
152 53.8 42.2 63.2





#53

3-Nitroaniline

Concen: 41.46 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

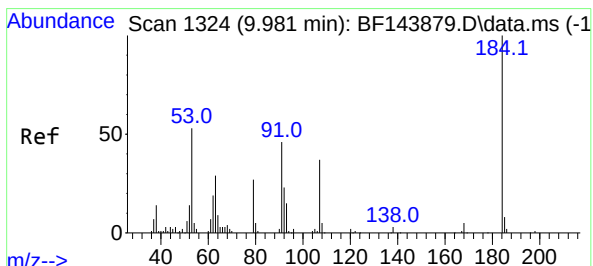
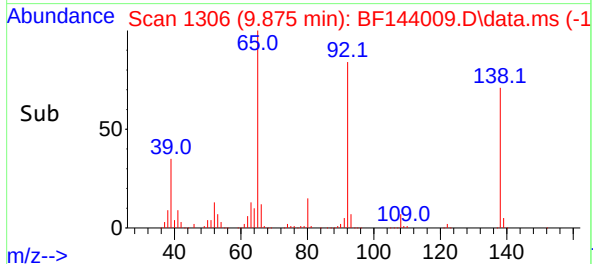
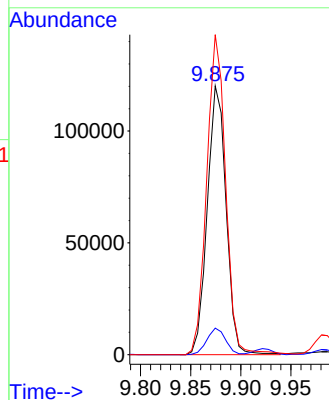
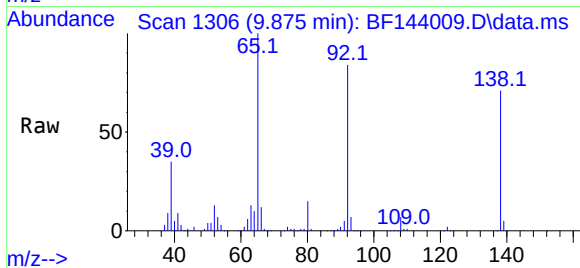
Tgt Ion:138 Resp: 157431

Ion Ratio Lower Upper

138 100

108 9.9 8.3 12.5

92 119.1 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 33.42 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

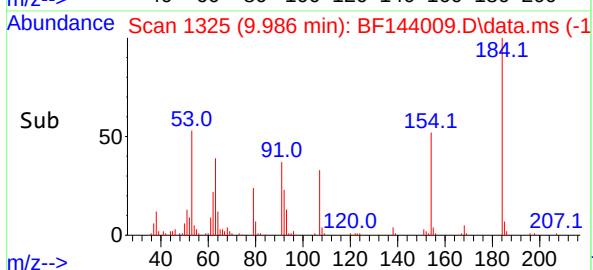
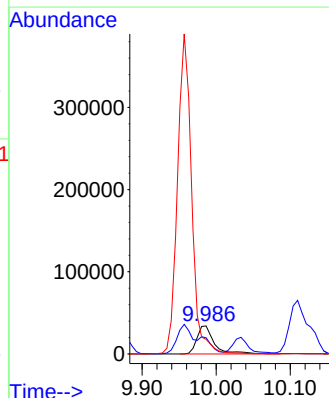
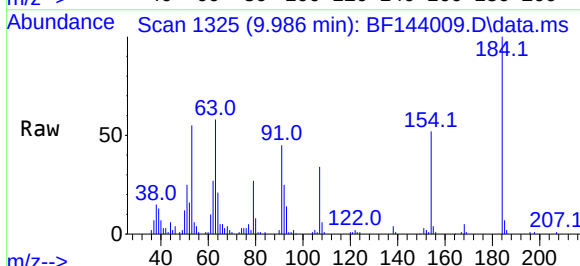
Tgt Ion:184 Resp: 55464

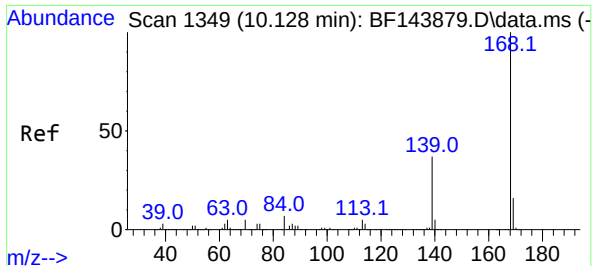
Ion Ratio Lower Upper

184 100

63 57.6 48.2 72.4

154 52.2 49.2 73.8





#55

Dibenzenofuran

Concen: 39.36 ng

RT: 10.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

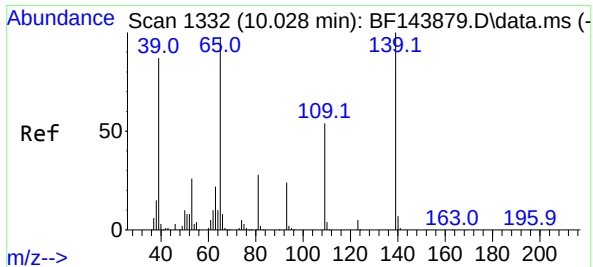
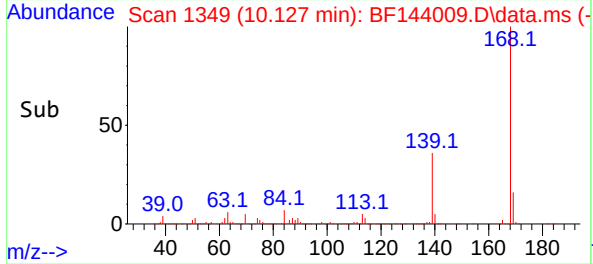
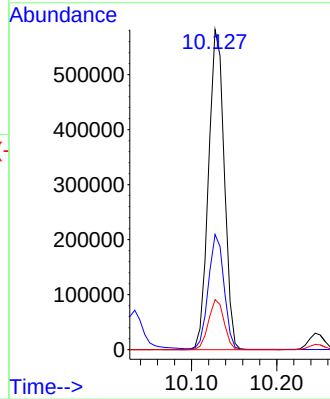
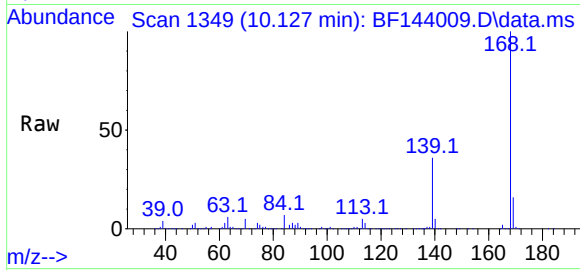
Tgt Ion:168 Resp: 744098

Ion Ratio Lower Upper

168 100

139 36.0 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 36.03 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

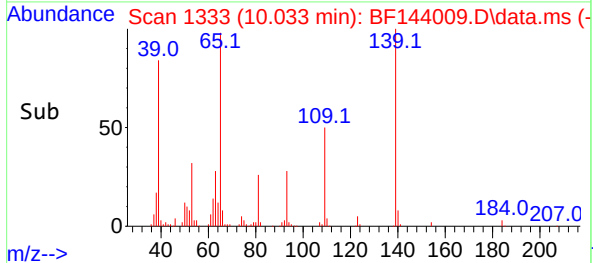
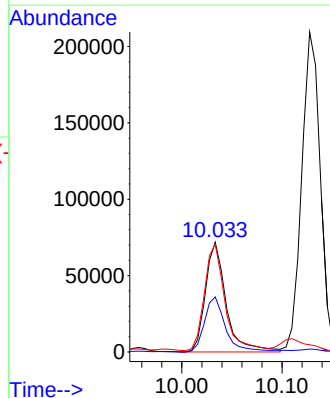
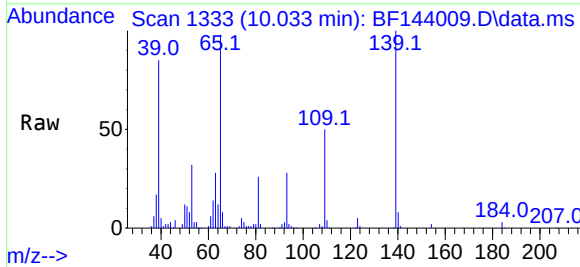
Tgt Ion:139 Resp: 103581

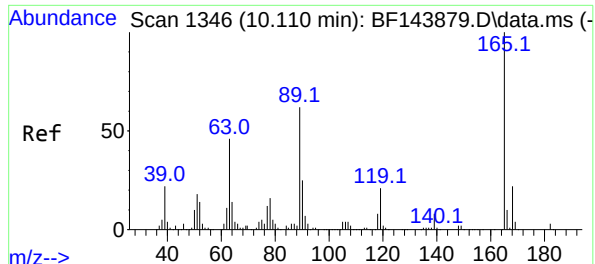
Ion Ratio Lower Upper

139 100

109 50.1 34.5 74.5

65 98.0 77.6 117.6



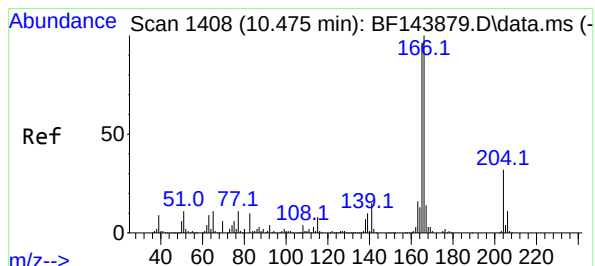
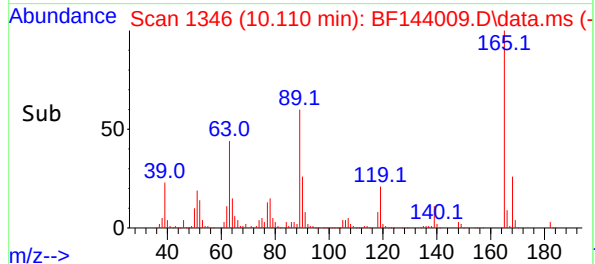
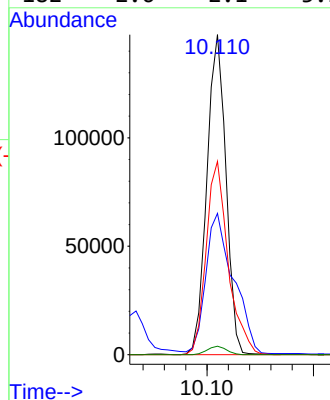
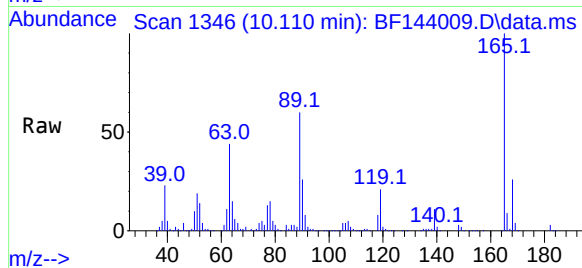


#57
2,4-Dinitrotoluene
Concen: 43.65 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 184180

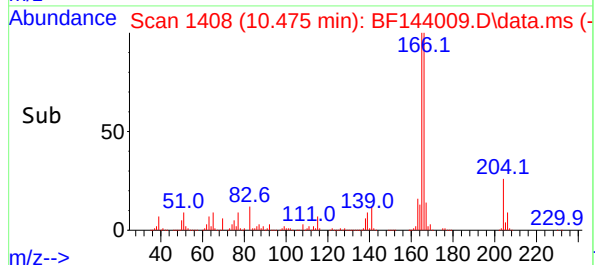
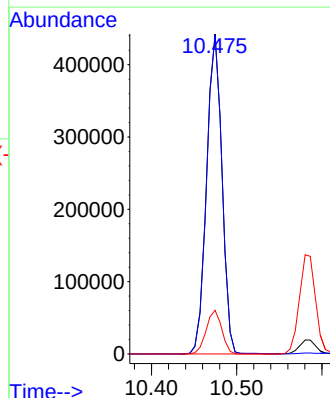
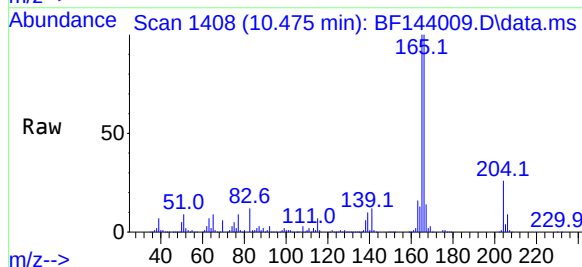
Ion	Ratio	Lower	Upper
165	100		
63	44.2	37.2	55.8
89	60.4	49.4	74.2
182	2.6	2.1	3.1

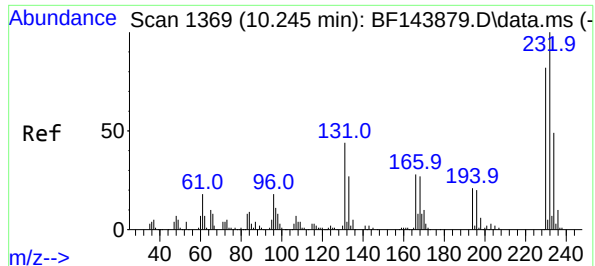


#58
Fluorene
Concen: 38.86 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:166 Resp: 554334

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.0	115.6
167	13.6	11.1	16.7

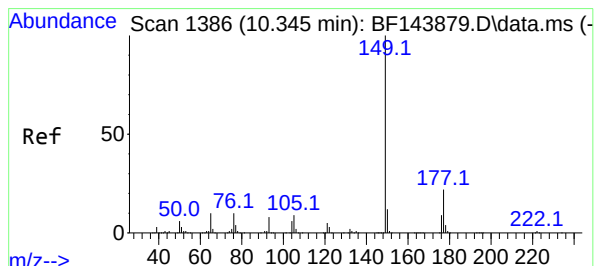
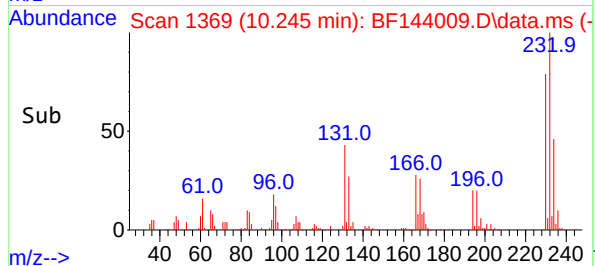
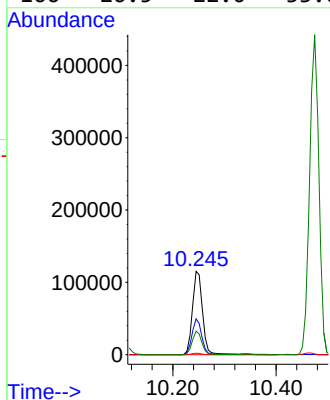
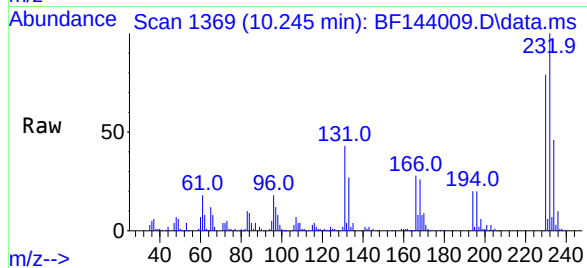




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.55 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

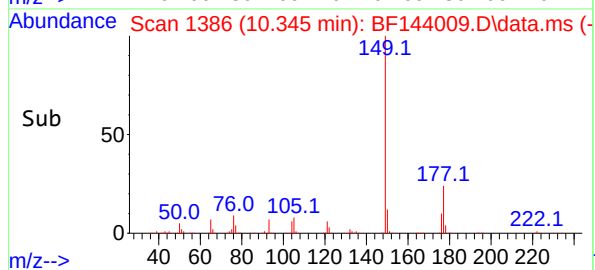
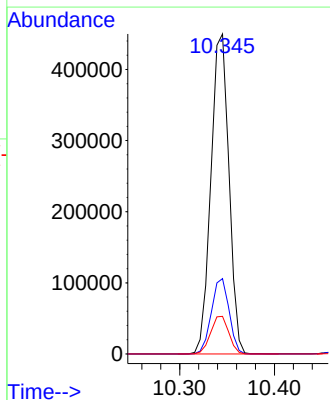
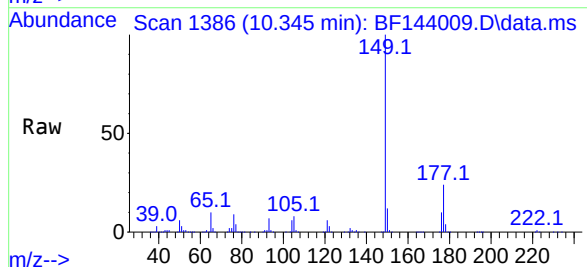
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 157324
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 1.6 1.6 2.4#
166 26.5 22.0 33.0

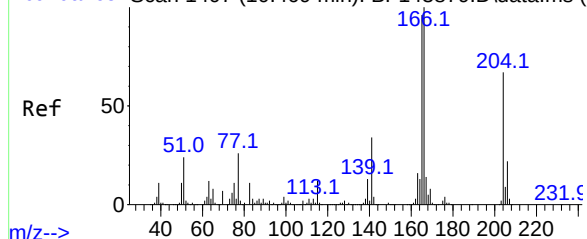


#60
Diethylphthalate
Concen: 38.20 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:149 Resp: 593454
Ion Ratio Lower Upper
149 100
177 23.6 17.9 26.9
150 11.7 9.8 14.8



Abundance Scan 1407 (10.469 min): BF143879.D\data.ms (-

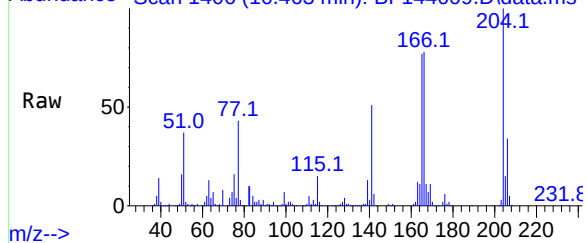


#61
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

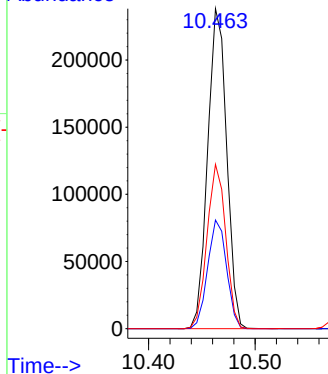
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 295638
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 51.3 40.4 60.6

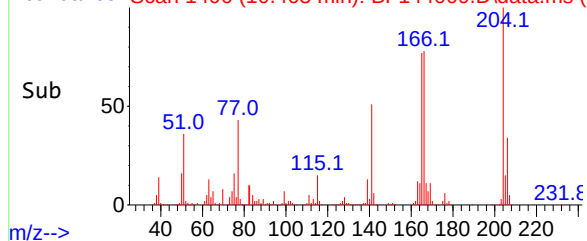
Abundance Scan 1406 (10.463 min): BF144009.D\data.ms (-



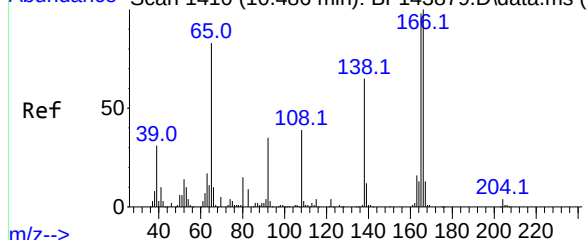
Abundance



Abundance Scan 1406 (10.463 min): BF144009.D\data.ms (-



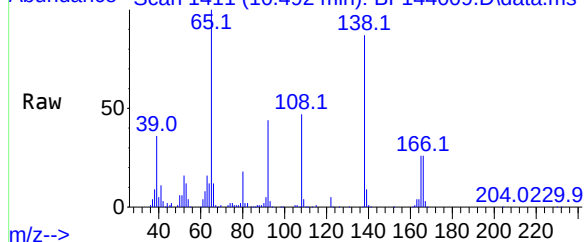
Abundance Scan 1410 (10.486 min): BF143879.D\data.ms (-



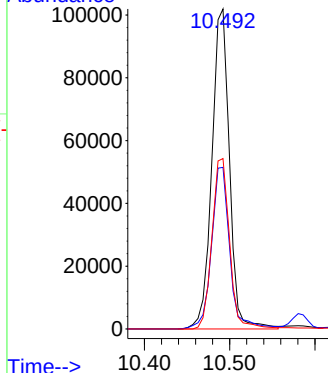
#62
4-Nitroaniline
Concen: 40.08 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:138 Resp: 146339
Ion Ratio Lower Upper
138 100
92 50.5 33.9 73.9
108 53.3 40.2 80.2

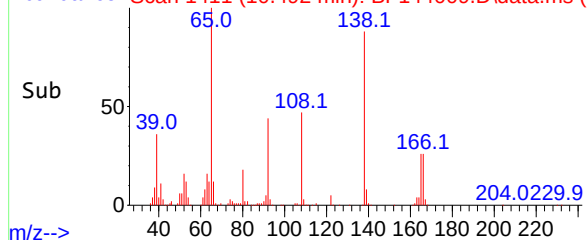
Abundance Scan 1411 (10.492 min): BF144009.D\data.ms (-



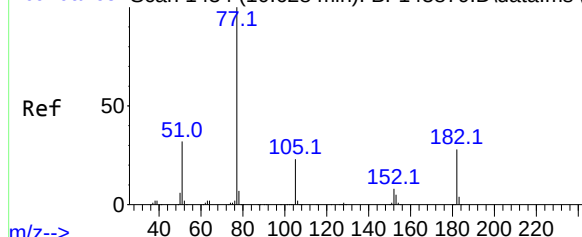
Abundance



Abundance Scan 1411 (10.492 min): BF144009.D\data.ms (-



Abundance Scan 1434 (10.628 min): BF143879.D\data.ms (-



#63

Azobenzene

Concen: 39.26 ng

RT: 10.627 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 637557

Ion Ratio Lower Upper

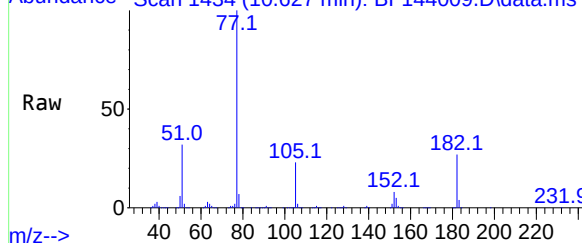
77 100

182 27.5 7.3 47.3

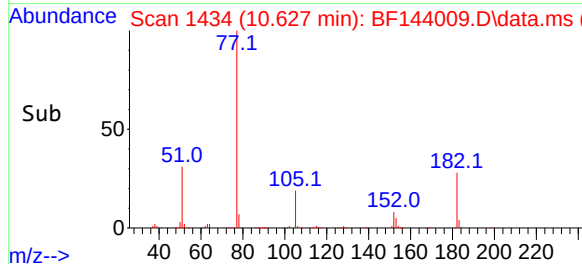
105 22.7 3.0 43.0

51 32.1 13.5 53.5

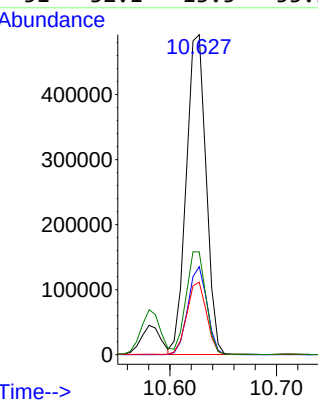
m/z--> Abundance Scan 1434 (10.627 min): BF144009.D\data.ms



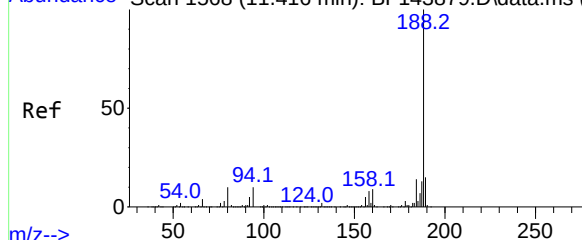
m/z--> Abundance Scan 1434 (10.627 min): BF144009.D\data.ms (-



m/z--> Time-->



Abundance Scan 1568 (11.416 min): BF143879.D\data.ms (-



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 188 Resp: 430811

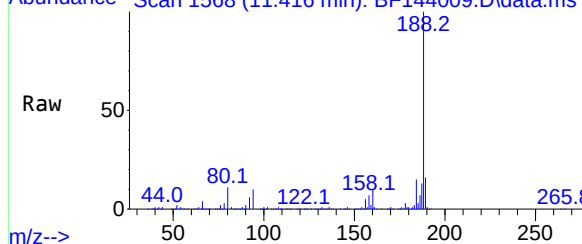
Ion Ratio Lower Upper

188 100

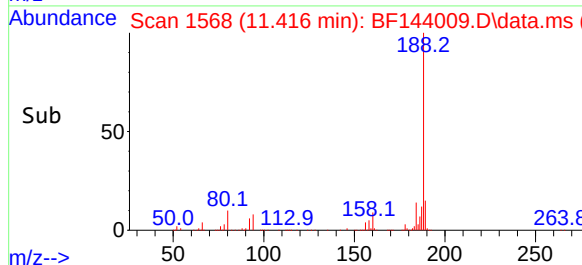
94 10.5 7.8 11.6

80 10.6 7.9 11.9

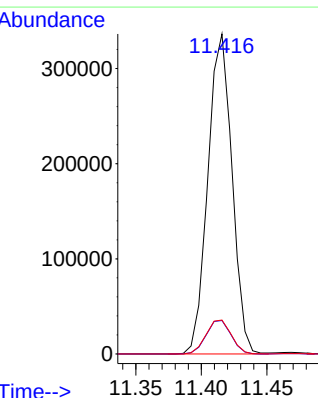
m/z--> Abundance Scan 1568 (11.416 min): BF144009.D\data.ms

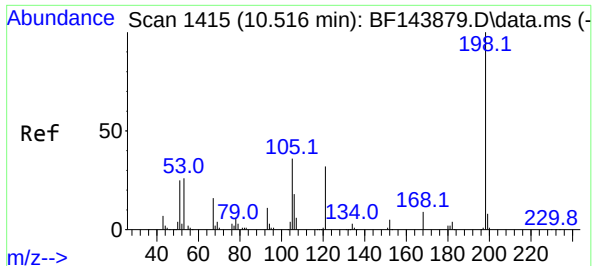


m/z--> Abundance Scan 1568 (11.416 min): BF144009.D\data.ms (-



m/z--> Time-->

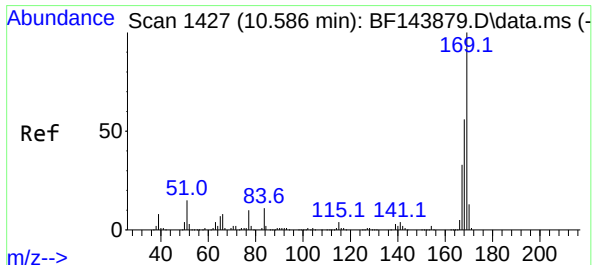
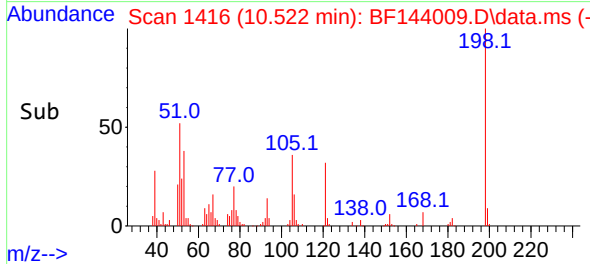
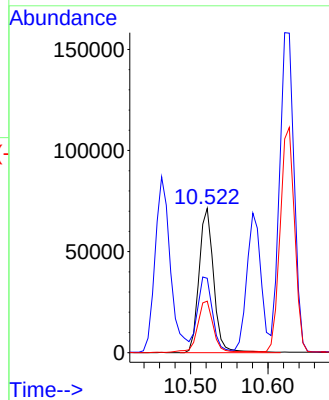
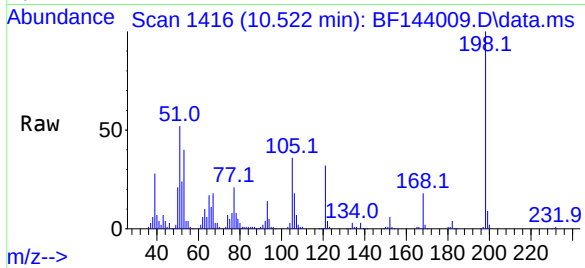




#65
4,6-Dinitro-2-methylphenol
Concen: 43.30 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

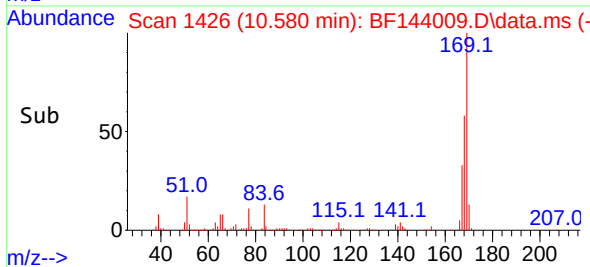
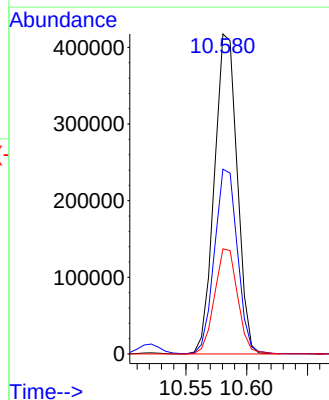
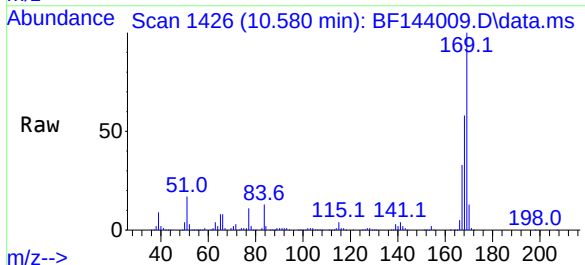
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198	Resp:	93751
Ion	Ratio	Lower Upper
198	100	
51	51.6	33.8 73.8
105	35.7	17.0 57.0

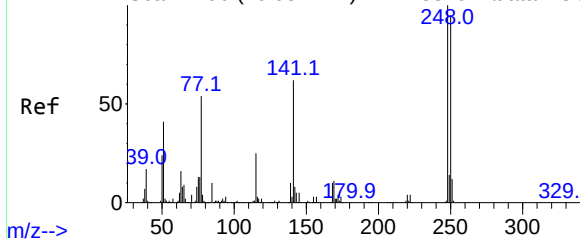


#66
n-Nitrosodiphenylamine
Concen: 40.25 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:169	Resp:	544516
Ion	Ratio	Lower Upper
169	100	
168	57.8	44.9 67.3
167	32.9	26.3 39.5



Abundance Scan 1490 (10.957 min): BF143879.D\data.ms (-

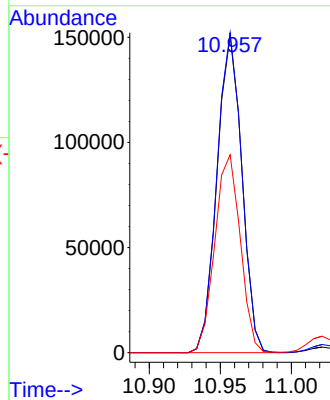
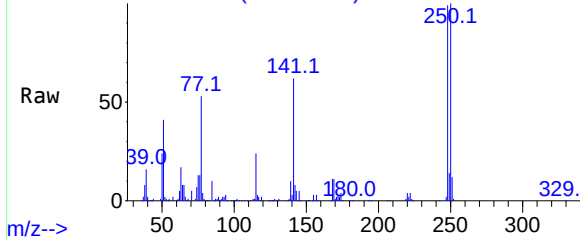


#67
4-Bromophenyl-phenylether
Concen: 38.56 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

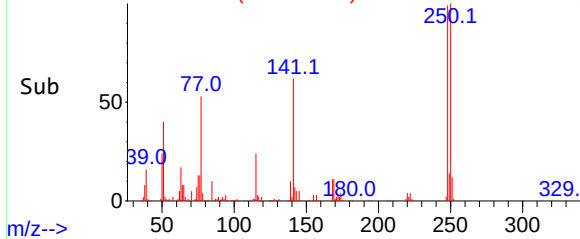
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 183591
Ion Ratio Lower Upper
248 100
250 100.8 76.3 114.5
141 62.4 49.7 74.5

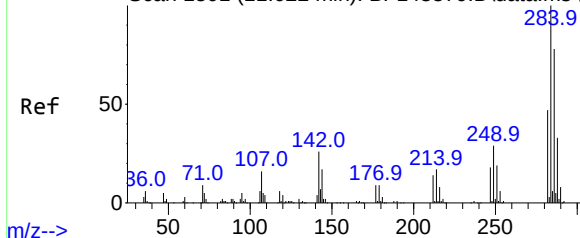
Abundance Scan 1490 (10.957 min): BF144009.D\data.ms



Abundance Scan 1490 (10.957 min): BF144009.D\data.ms (-



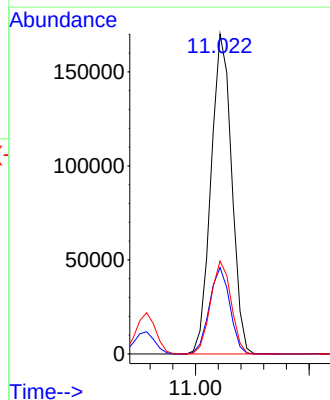
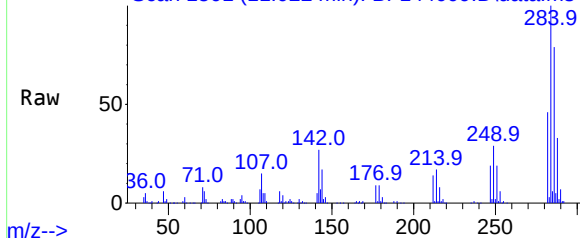
Abundance Scan 1501 (11.022 min): BF143879.D\data.ms (-



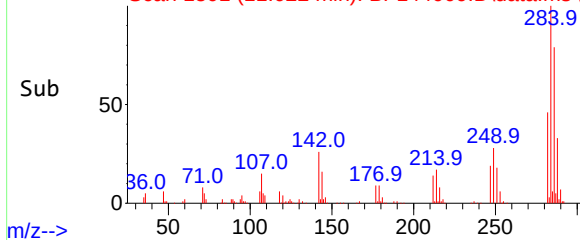
#68
Hexachlorobenzene
Concen: 38.98 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

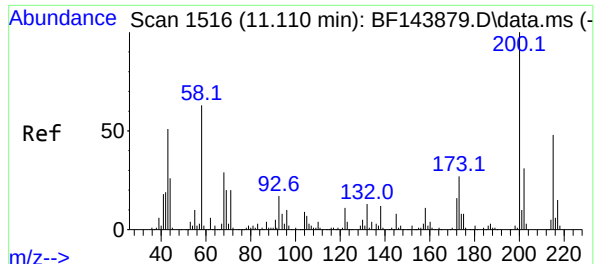
Tgt Ion:284 Resp: 214871
Ion Ratio Lower Upper
284 100
142 27.0 20.6 30.8
249 29.1 23.2 34.8

Abundance Scan 1501 (11.022 min): BF144009.D\data.ms



Abundance Scan 1501 (11.022 min): BF144009.D\data.ms (-





#69

Atrazine

Concen: 38.71 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

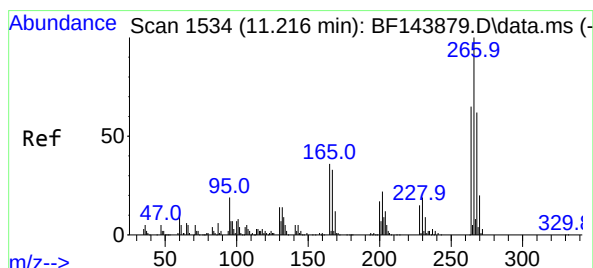
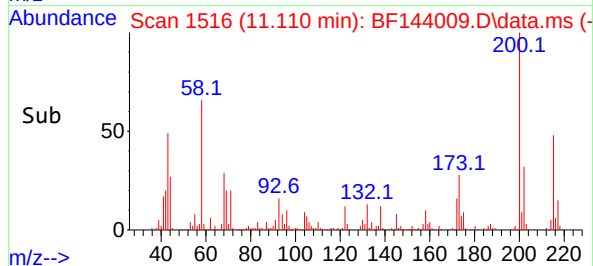
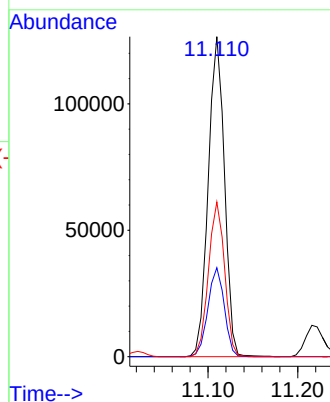
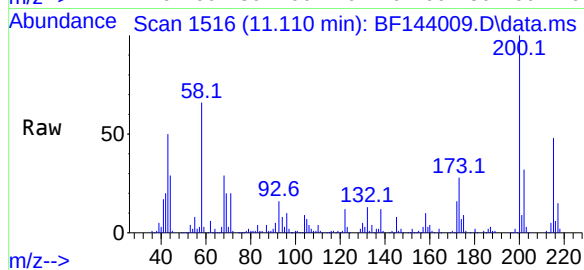
Tgt Ion:200 Resp: 158713

Ion Ratio Lower Upper

200 100

173 27.8 7.0 47.0

215 48.3 27.8 67.8



#70

Pentachlorophenol

Concen: 35.01 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

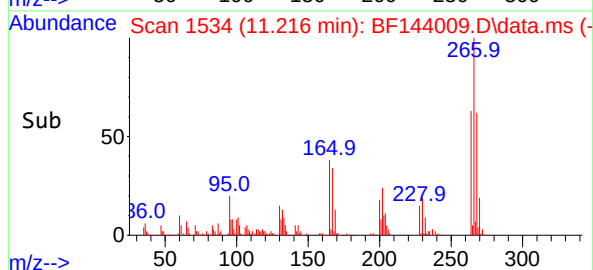
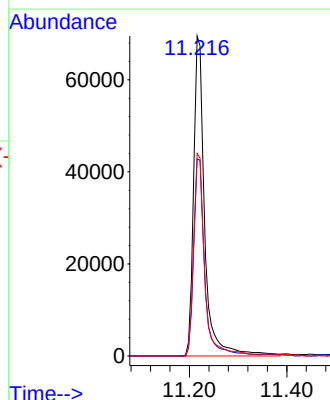
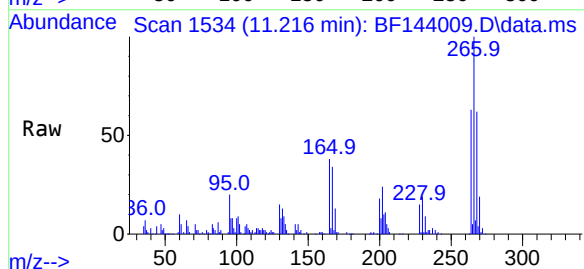
Tgt Ion:266 Resp: 110842

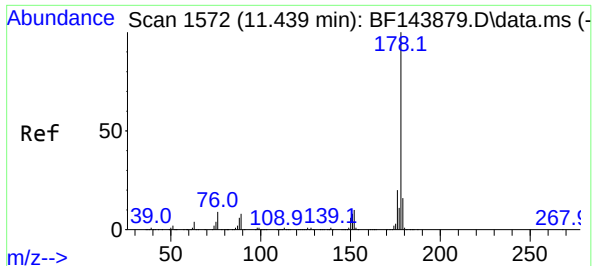
Ion Ratio Lower Upper

266 100

268 61.6 49.4 74.0

264 63.3 51.8 77.6

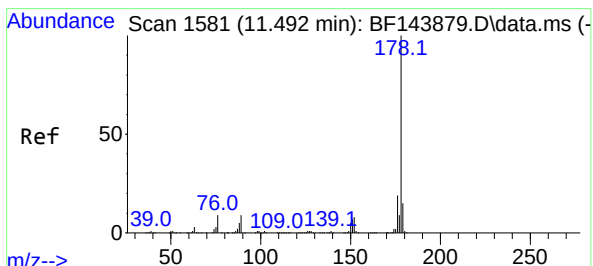
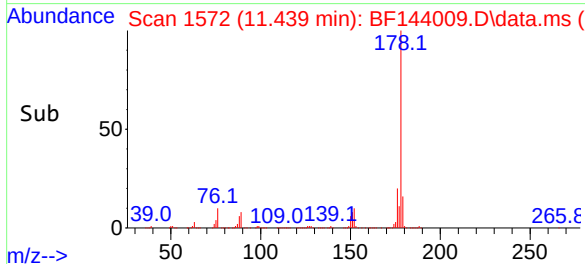
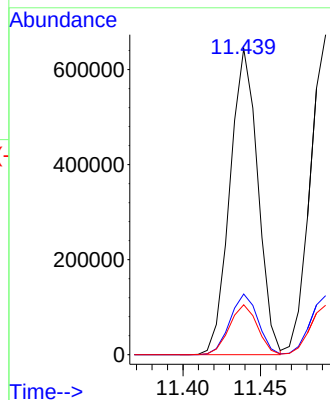
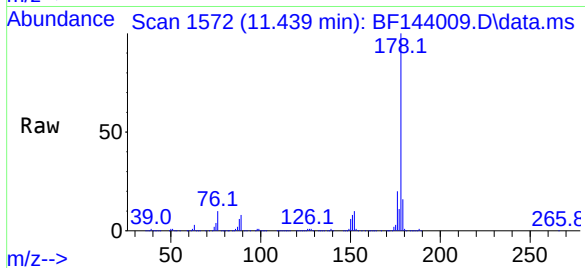




#71
Phenanthrene
Concen: 38.50 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

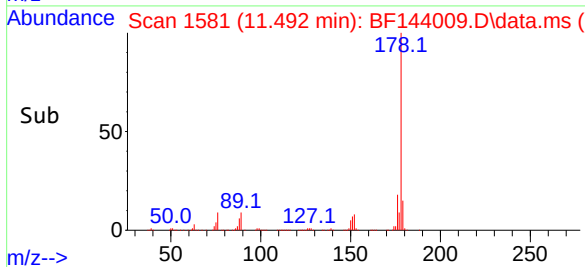
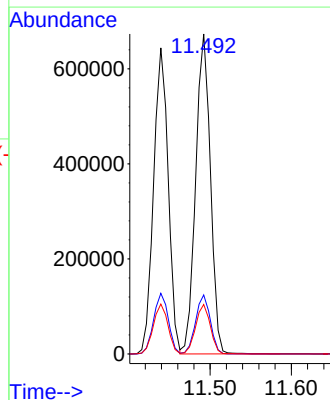
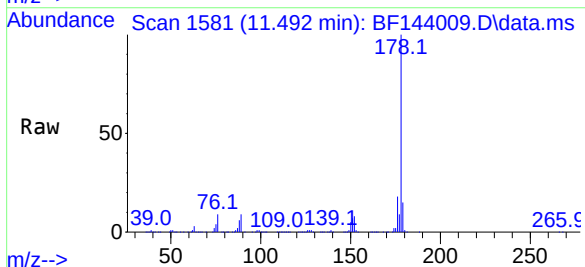
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

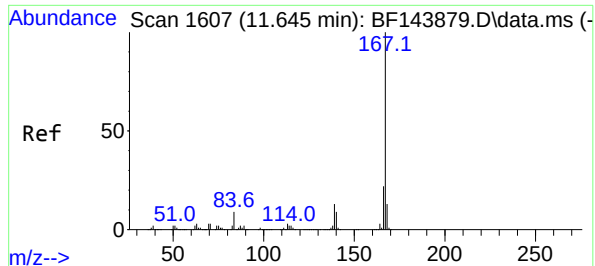
Tgt Ion:178 Resp: 804054
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.3 12.4 18.6



#72
Anthracene
Concen: 40.32 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:178 Resp: 850834
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.4 12.2 18.2

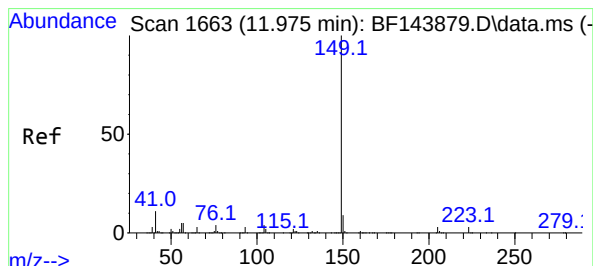
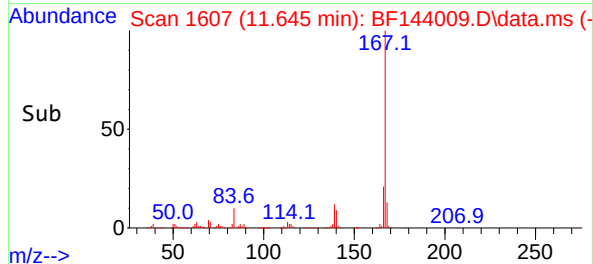
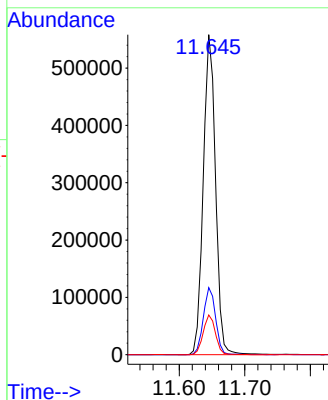
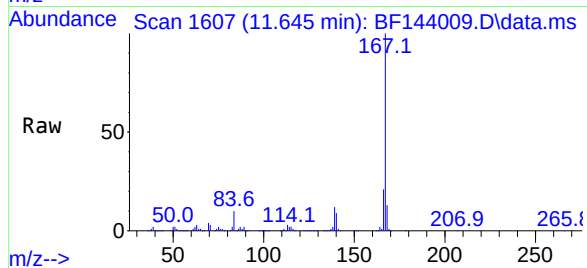




#73
Carbazole
Concen: 38.98 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

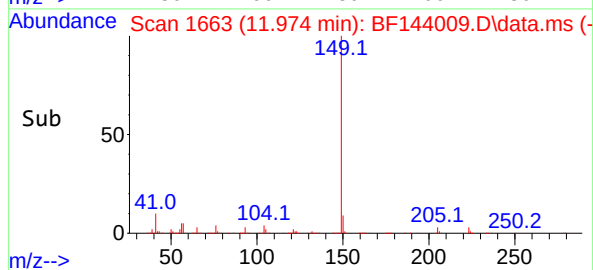
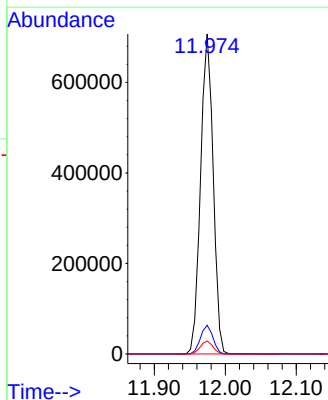
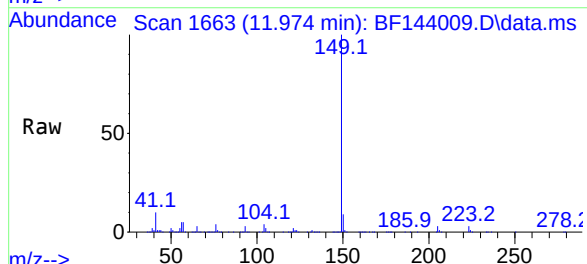
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.4	10.1	15.1

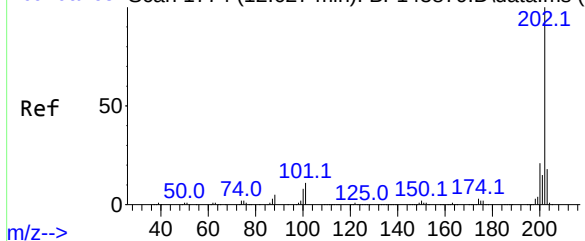


#74
Di-n-butylphthalate
Concen: 40.33 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.0	3.4	5.2



Abundance Scan 1774 (12.627 min): BF143879.D\data.ms (-



#75

Fluoranthene

Concen: 38.34 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

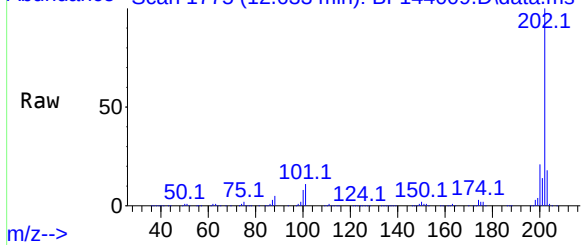
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

m/z--> Abundance Scan 1775 (12.633 min): BF144009.D\data.ms



Tgt Ion:202 Resp: 827067

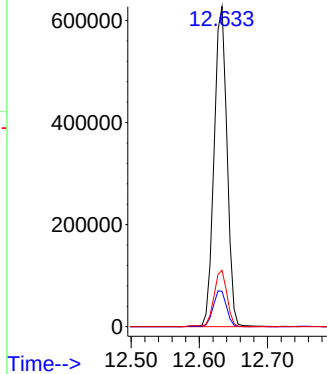
Ion Ratio Lower Upper

202 100

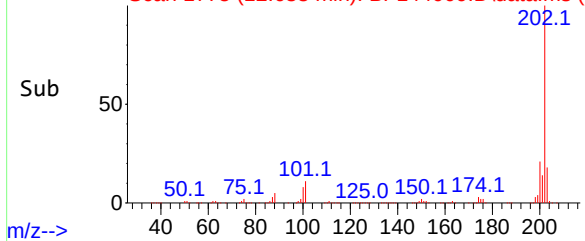
101 11.1 0.0 30.7

203 17.6 0.0 37.8

Abundance

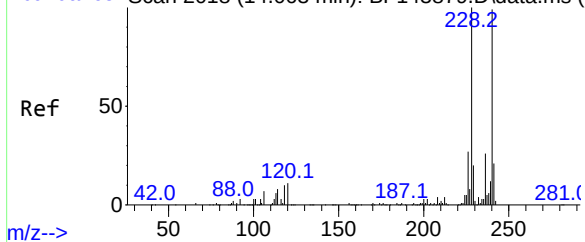


m/z--> Abundance Scan 1775 (12.633 min): BF144009.D\data.ms (-



Time--> 12.50 12.60 12.70

Abundance Scan 1818 (14.063 min): BF143879.D\data.ms (-



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:240 Resp: 235758

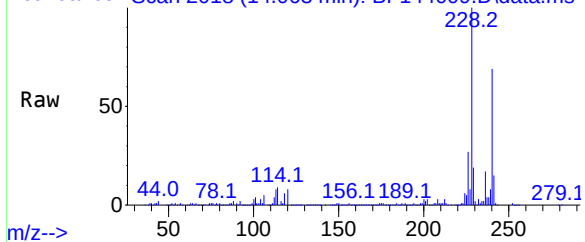
Ion Ratio Lower Upper

240 100

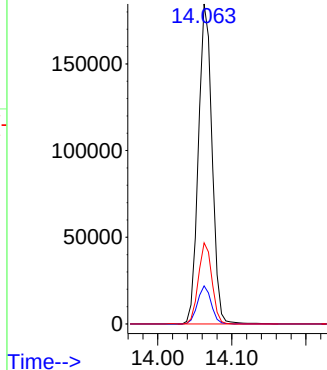
120 11.9 8.6 13.0

236 25.4 21.1 31.7

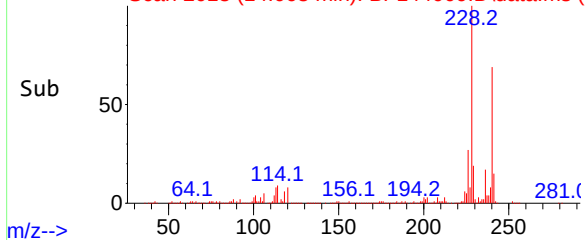
m/z--> Abundance Scan 1818 (14.063 min): BF144009.D\data.ms



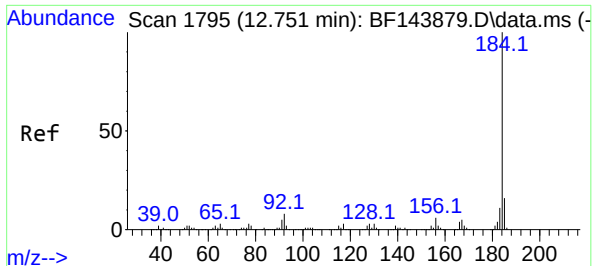
Abundance



m/z--> Abundance Scan 1818 (14.063 min): BF144009.D\data.ms (-



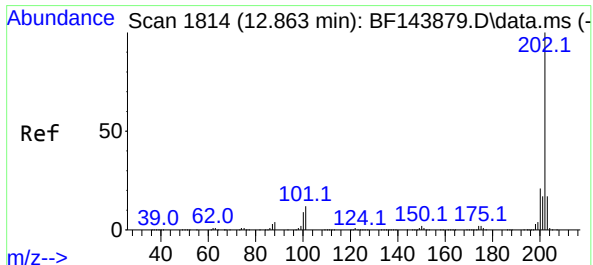
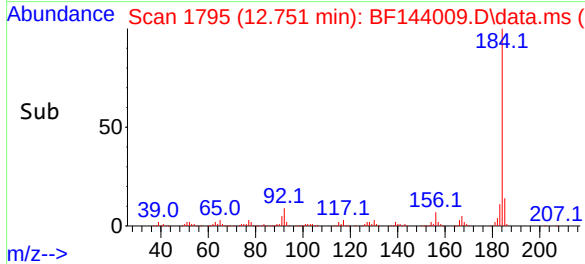
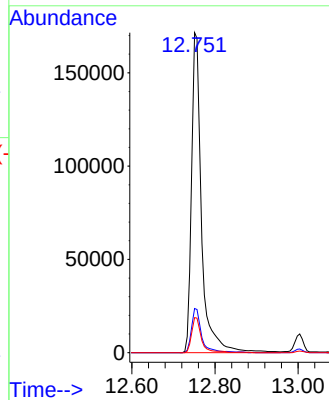
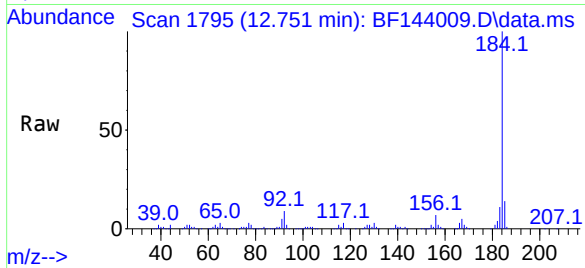
Time--> 14.00 14.10



#77
Benzidine
Concen: 35.21 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

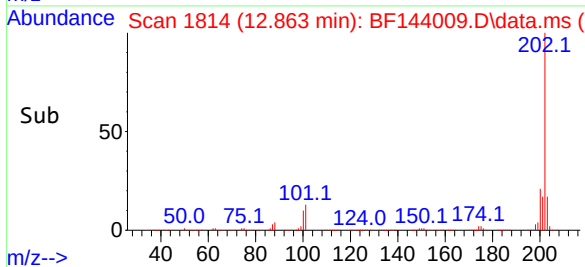
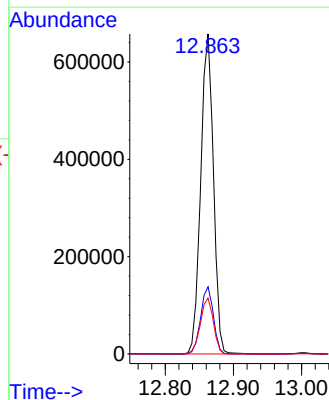
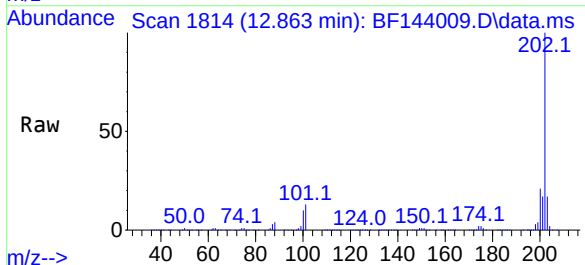
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

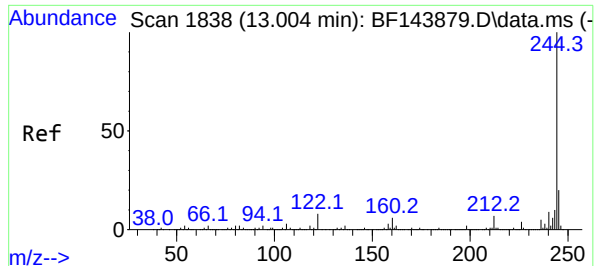
Tgt Ion:184 Resp: 288239
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.0 8.8 13.2



#78
Pyrene
Concen: 43.29 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion:202 Resp: 850887
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 87.63 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

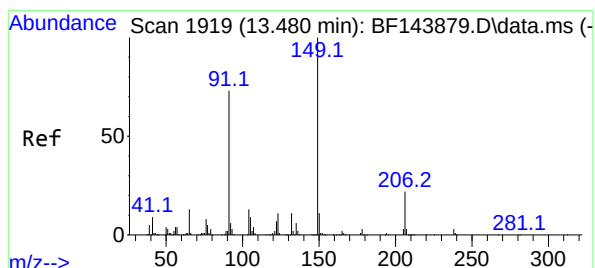
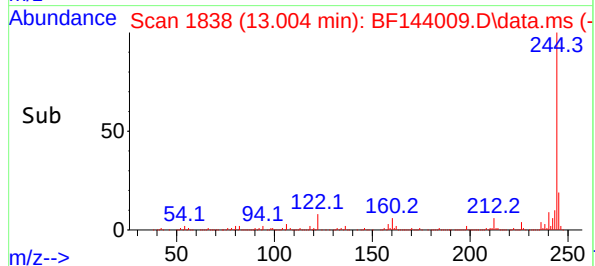
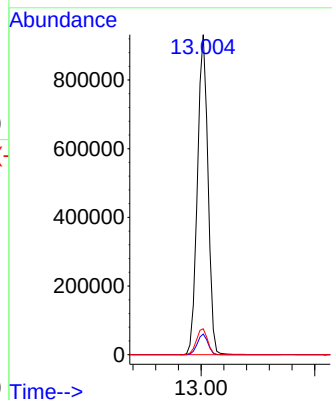
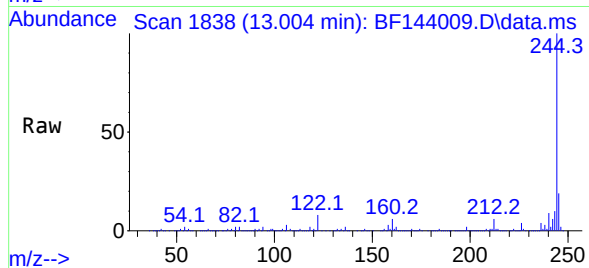
Tgt Ion:244 Resp: 1208859

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 8.1 6.4 9.6



#80

Butylbenzylphthalate

Concen: 41.89 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

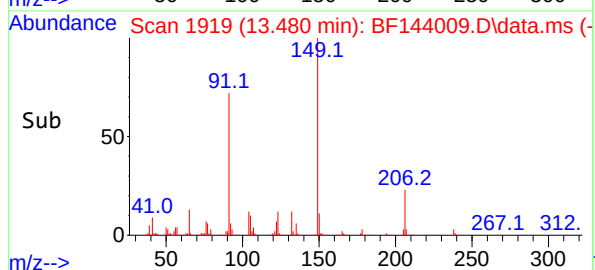
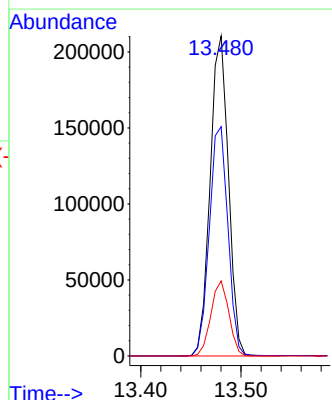
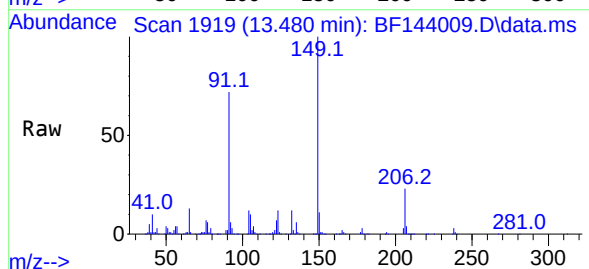
Tgt Ion:149 Resp: 267401

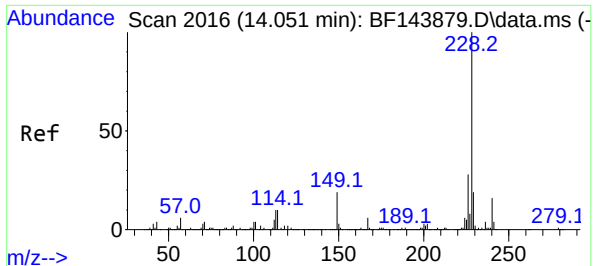
Ion Ratio Lower Upper

149 100

91 71.6 58.2 87.2

206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 41.93 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

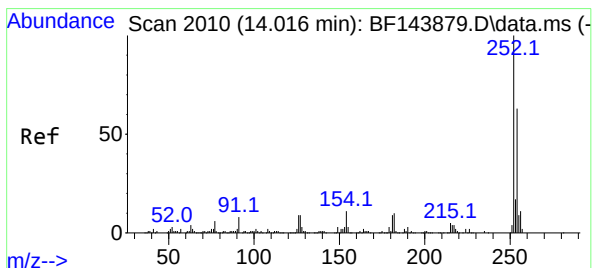
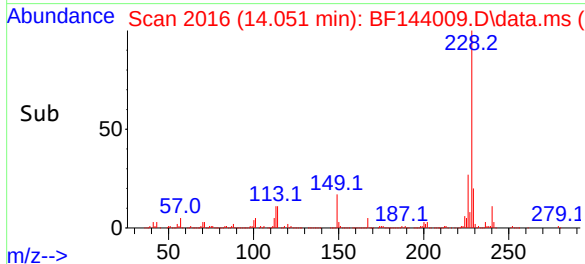
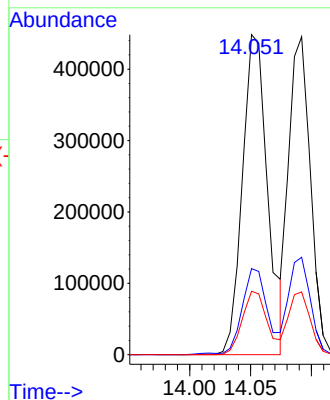
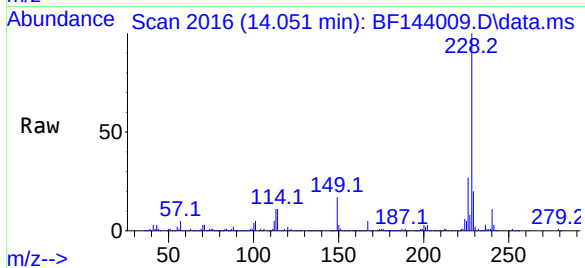
Tgt Ion:228 Resp: 646917

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.15 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

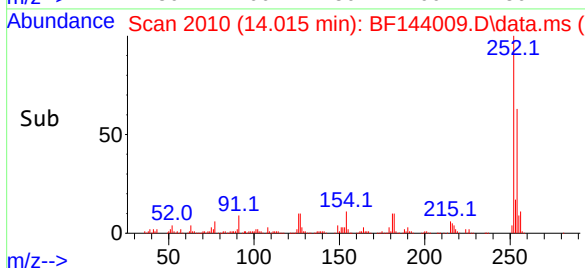
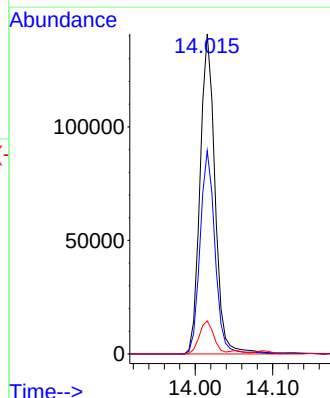
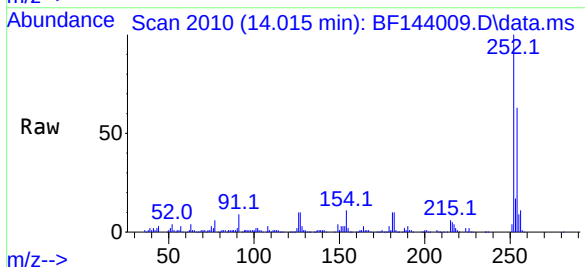
Tgt Ion:252 Resp: 188768

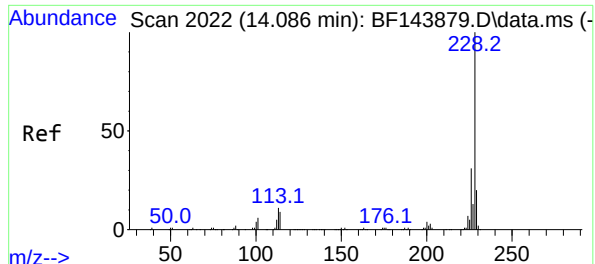
Ion Ratio Lower Upper

252 100

254 63.5 50.6 76.0

126 10.4 7.0 10.6





#83

Chrysene

Concen: 38.69 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

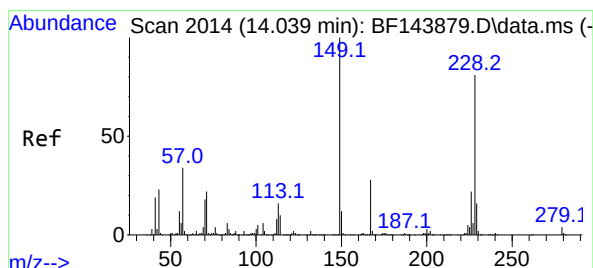
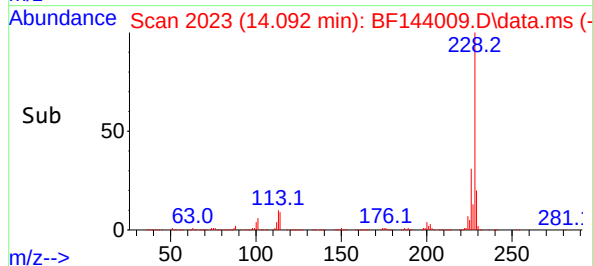
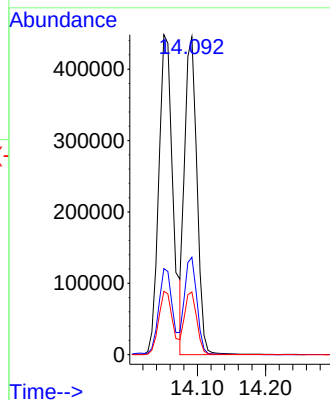
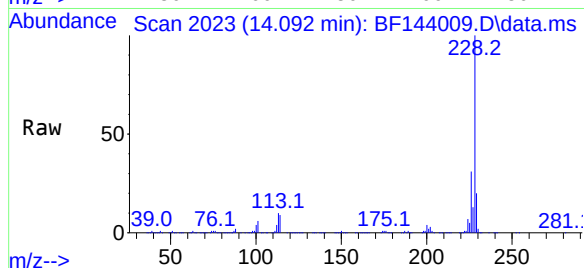
Tgt Ion:228 Resp: 552423

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.13 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

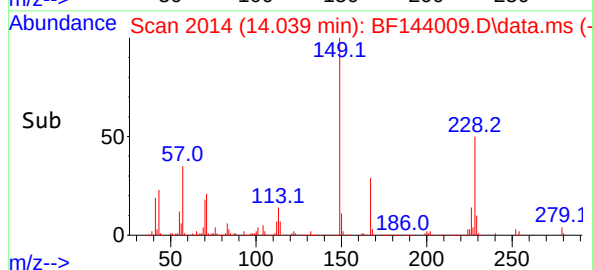
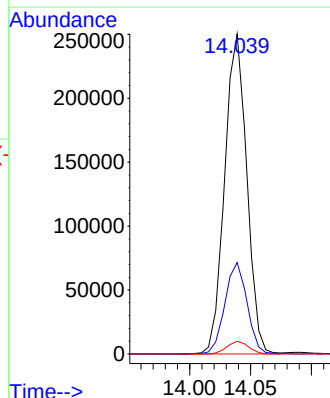
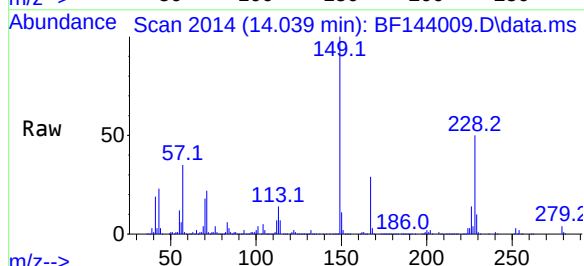
Tgt Ion:149 Resp: 316468

Ion Ratio Lower Upper

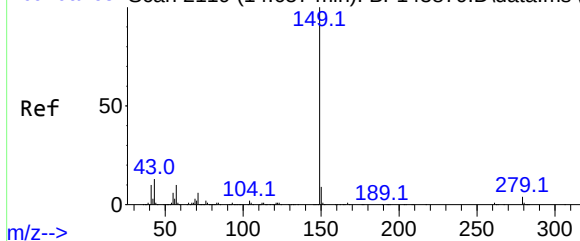
149 100

167 28.6 22.2 33.4

279 4.0 3.1 4.7



Abundance Scan 2119 (14.657 min): BF143879.D\data.ms (-

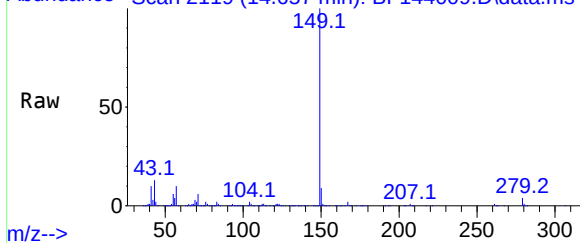


#85
Di-n-octyl phthalate
Concen: 43.84 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

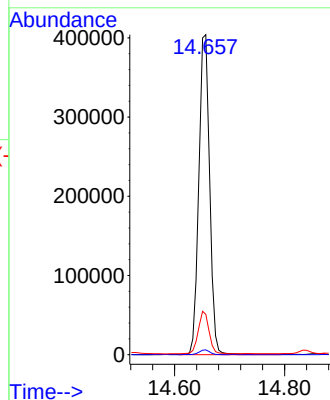
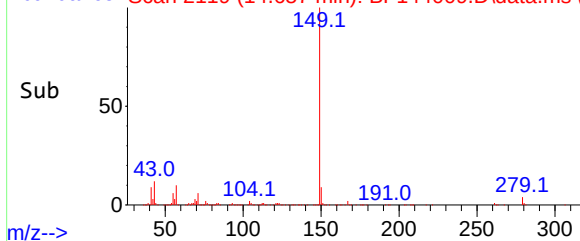
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.3	11.0	16.4

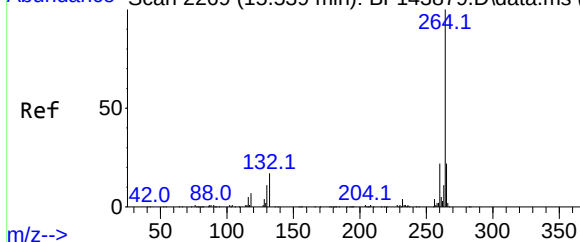
Abundance Scan 2119 (14.657 min): BF144009.D\data.ms



Abundance Scan 2119 (14.657 min): BF144009.D\data.ms (-



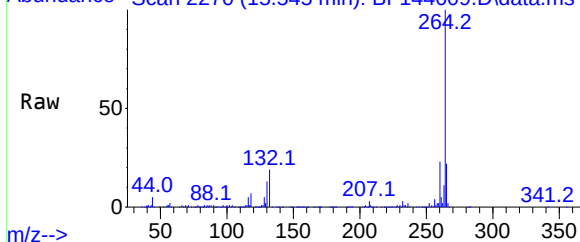
Abundance Scan 2269 (15.539 min): BF143879.D\data.ms (-



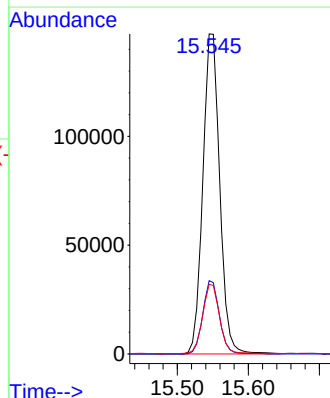
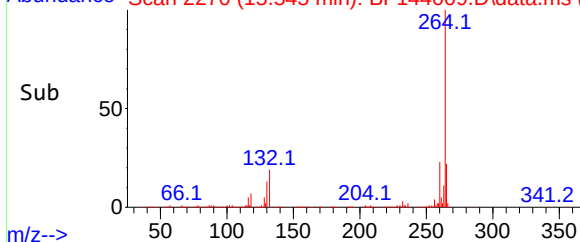
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144009.D
Acq: 21 Oct 2025 13:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.8
265	21.8	17.5	26.3

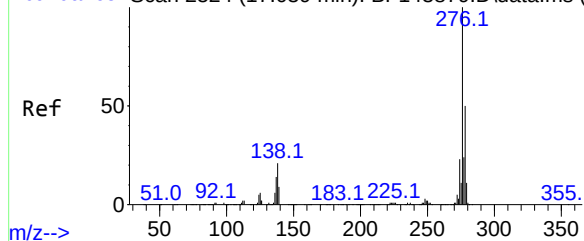
Abundance Scan 2270 (15.545 min): BF144009.D\data.ms



Abundance Scan 2270 (15.545 min): BF144009.D\data.ms (-



Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.35 ng

RT: 17.056 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 692814

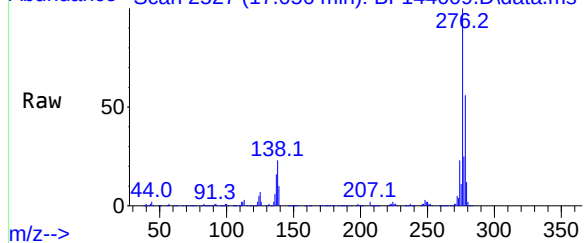
Ion Ratio Lower Upper

276 100

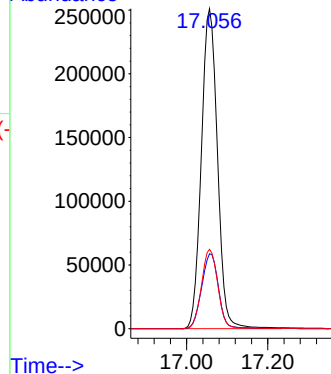
138 24.5 18.2 27.2

277 25.1 19.8 29.6

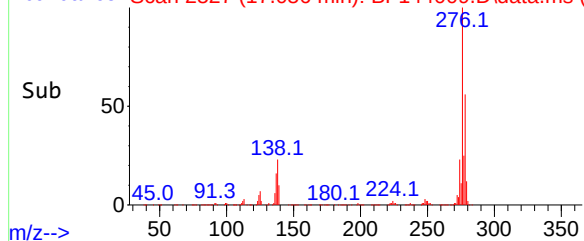
Abundance Scan 2527 (17.056 min): BF144009.D\data.ms



Abundance

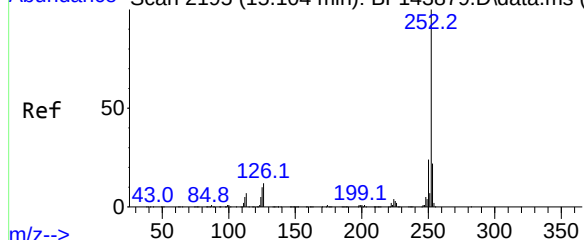


Abundance Scan 2527 (17.056 min): BF144009.D\data.ms (-



Time-->

Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 39.83 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:252 Resp: 558030

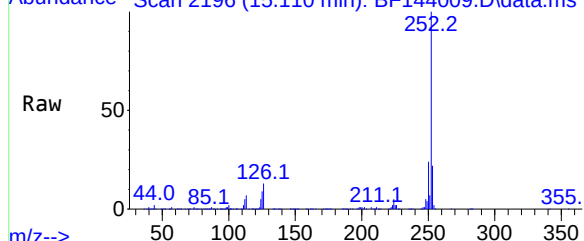
Ion Ratio Lower Upper

252 100

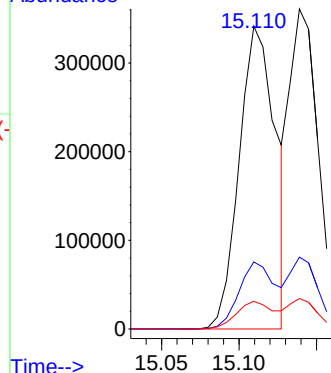
253 22.1 17.4 26.2

125 9.1 7.8 11.6

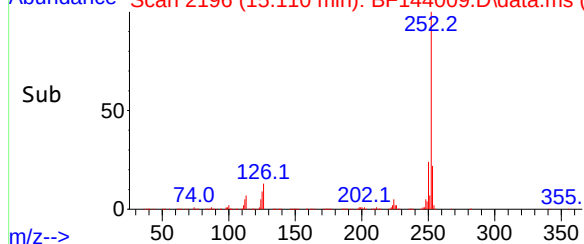
Abundance Scan 2196 (15.110 min): BF144009.D\data.ms



Abundance

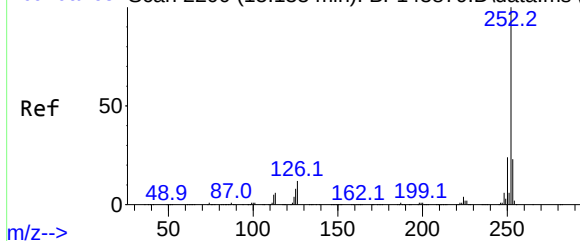


Abundance Scan 2196 (15.110 min): BF144009.D\data.ms (-



Time-->

Abundance Scan 2200 (15.133 min): BF143879.D\data.ms (-



#89

Benzo(k)fluoranthene

Concen: 36.42 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

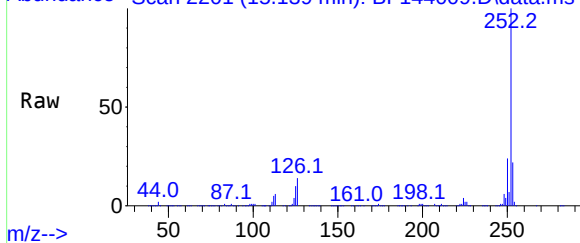
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Abundance Scan 2201 (15.139 min): BF144009.D\data.ms



Tgt Ion:252 Resp: 472182

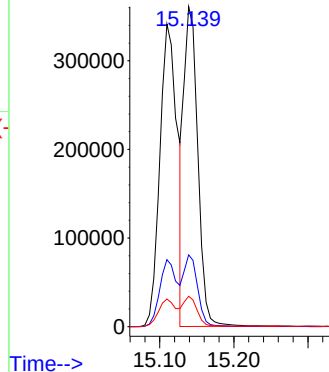
Ion Ratio Lower Upper

252 100

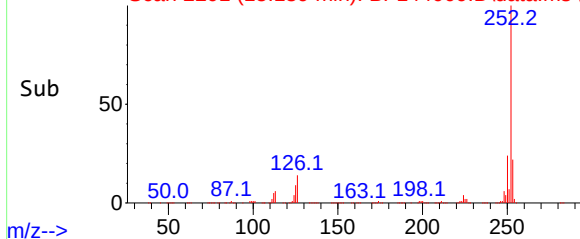
253 22.5 17.8 26.8

125 9.5 7.4 11.2

Abundance

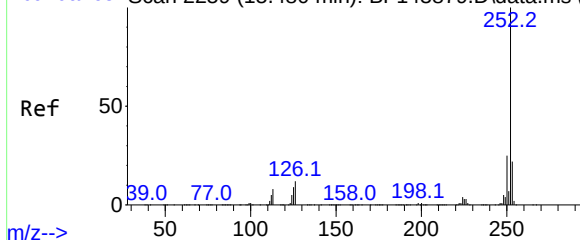


Abundance Scan 2201 (15.139 min): BF144009.D\data.ms (-



Time-->

Abundance Scan 2259 (15.480 min): BF143879.D\data.ms (-



#90

Benzo(a)pyrene

Concen: 41.46 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:252 Resp: 503690

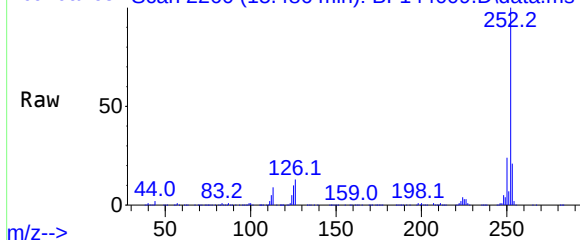
Ion Ratio Lower Upper

252 100

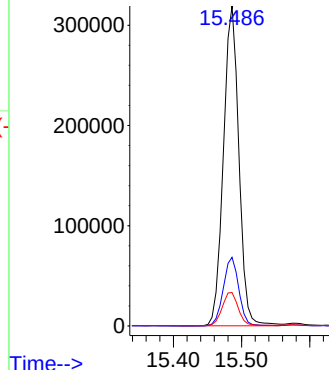
253 21.5 17.3 25.9

125 10.4 7.0 10.4#

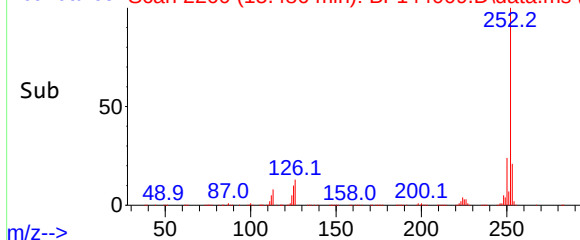
Abundance Scan 2260 (15.486 min): BF144009.D\data.ms



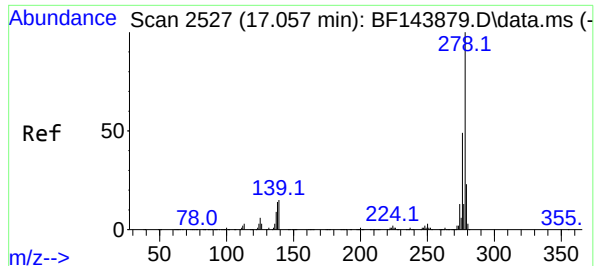
Abundance



Abundance Scan 2260 (15.486 min): BF144009.D\data.ms (-



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 46.96 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

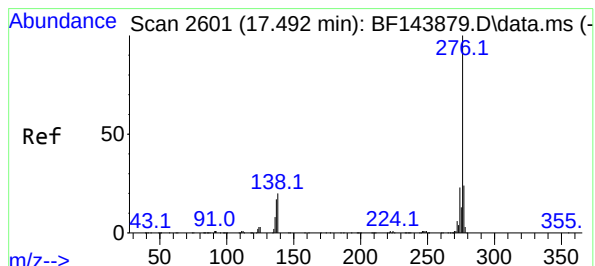
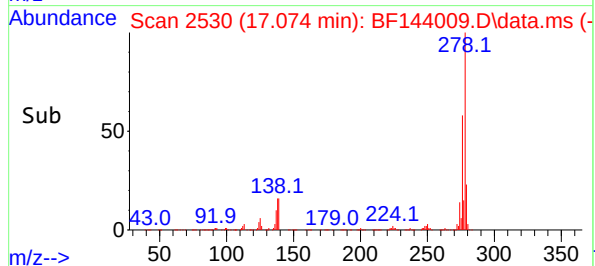
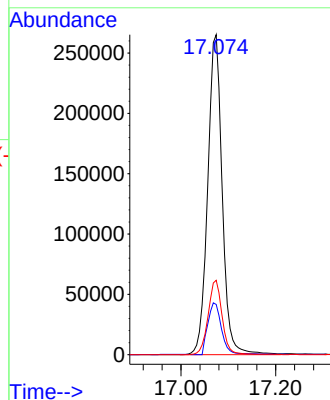
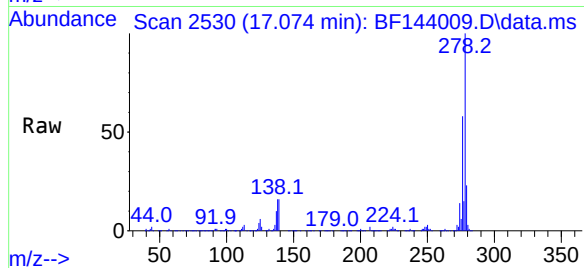
Tgt Ion:278 Resp: 564523

Ion Ratio Lower Upper

278 100

139 15.7 11.7 17.5

279 23.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 46.37 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

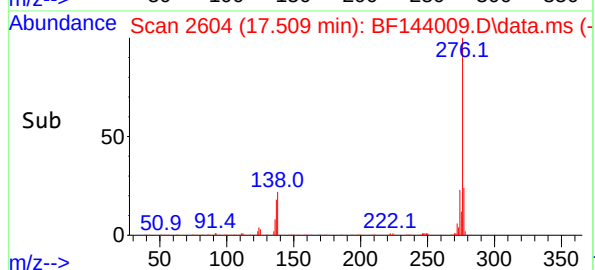
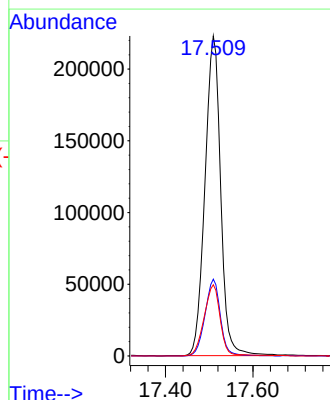
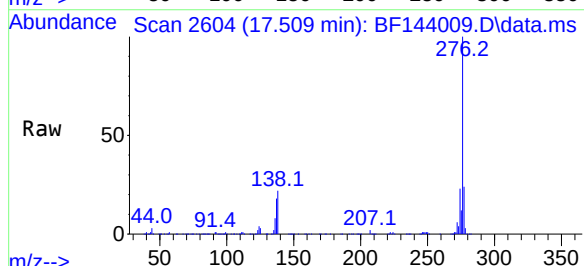
Tgt Ion:276 Resp: 557435

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 22.3 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	0.583	0.600	-2.9	101	0.00
3	Pyridine	1.697	1.707	-0.6	98	-0.01
4	n-Nitrosodimethylamine	0.893	0.844	5.5	95	-0.03
5 S	2-Fluorophenol	1.259	1.299	-3.2	102	0.00
6	Aniline	2.250	2.216	1.5	97	0.00
7 S	Phenol-d6	1.501	1.494	0.5	99	0.00
8	2-Chlorophenol	1.231	1.267	-2.9	100	0.00
9	Benzaldehyde	1.158	1.203	-3.9	93	0.00
10 C	Phenol	1.795	1.901	-5.9	106	-0.01
11	bis(2-Chloroethyl)ether	1.386	1.376	0.7	97	-0.01
12	1,3-Dichlorobenzene	1.474	1.463	0.7	99	0.00
13 C	1,4-Dichlorobenzene	1.454	1.433	1.4	98	0.00
14	1,2-Dichlorobenzene	1.392	1.411	-1.4	101	0.00
15	Benzyl Alcohol	1.125	1.121	0.4	98	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	3.225	-2.2	102	0.00
17	2-Methylphenol	1.017	1.009	0.8	98	0.00
18	Hexachloroethane	0.485	0.486	-0.2	99	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.983	4.4	98	-0.02
20	3+4-Methylphenols	1.179	1.177	0.2	95	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.423	0.409	3.3	95	-0.01
23 S	Nitrobenzene-d5	0.329	0.341	-3.6	100	-0.01
24	Nitrobenzene	0.366	0.382	-4.4	98	-0.01
25	Isophorone	0.694	0.664	4.3	95	-0.02
26 C	2-Nitrophenol	0.157	0.182	-15.9	105	0.00
27	2,4-Dimethylphenol	0.282	0.290	-2.8	99	0.00
28	bis(2-Chloroethoxy)methane	0.438	0.433	1.1	98	-0.01
29 C	2,4-Dichlorophenol	0.294	0.295	-0.3	97	0.00
30	1,2,4-Trichlorobenzene	0.289	0.288	0.3	97	0.00
31	Naphthalene	0.910	0.902	0.9	98	0.00
32	Benzoic acid	0.195	0.183	6.2	92	-0.04
33	4-Chloroaniline	0.341	0.341	0.0	97	0.00
34 C	Hexachlorobutadiene	0.201	0.197	2.0	96	0.00
35	Caprolactam	0.093	0.095	-2.2	100	-0.04
36 C	4-Chloro-3-methylphenol	0.282	0.281	0.4	98	0.00
37	2-Methylnaphthalene	0.606	0.599	1.2	98	0.00
38	1-Methylnaphthalene	0.588	0.573	2.6	95	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.559	-1.1	96	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.224	2.2	88	0.00
42 S	2,4,6-Tribromophenol	0.199	0.191	4.0	93	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.394	2.5	90	0.00
44	2,4,5-Trichlorophenol	0.427	0.432	-1.2	96	0.00
45 S	2-Fluorobiphenyl	1.260	1.174	6.8	97	-0.01
46	1,1'-Biphenyl	1.324	1.283	3.1	95	0.00
47	2-Chloronaphthalene	1.104	1.099	0.5	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	0.349	0.372	-6.6	96	0.00
49	Acenaphthylene	1.552	1.531	1.4	96	0.00
50	Dimethylphthalate	1.270	1.246	1.9	98	0.00
51	2,6-Dinitrotoluene	0.236	0.265	-12.3	102	-0.01
52 C	Acenaphthene	1.017	0.980	3.6	94	0.00
53	3-Nitroaniline	0.288	0.299	-3.8	99	-0.01
54 P	2,4-Dinitrophenol	0.118	0.105	11.0	89	0.00
55	Dibenzofuran	1.436	1.413	1.6	96	0.00
56 P	4-Nitrophenol	0.218	0.197	9.6	85	0.00
57	2,4-Dinitrotoluene	0.320	0.350	-9.4	97	0.00
58	Fluorene	1.083	1.052	2.9	97	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.299	1.0	93	0.00
60	Diethylphthalate	1.180	1.127	4.5	93	0.00
61	4-Chlorophenyl-phenylether	0.573	0.561	2.1	95	0.00
62	4-Nitroaniline	0.277	0.278	-0.4	96	-0.02
63	Azobenzene	1.233	1.211	1.8	96	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.109	-7.9	95	-0.01
66 c	n-Nitrosodiphenylamine	0.628	0.632	-0.6	93	-0.01
67	4-Bromophenyl-phenylether	0.221	0.213	3.6	89	0.00
68	Hexachlorobenzene	0.256	0.249	2.7	91	0.00
69	Atrazine	0.190	0.184	3.2	92	-0.01
70 C	Pentachlorophenol	0.147	0.129	12.2	79	0.00
71	Phenanthrene	0.970	0.933	3.8	93	0.00
72	Anthracene	0.980	0.987	-0.7	93	0.00
73	Carbazole	0.868	0.845	2.6	93	0.00
74	Di-n-butylphthalate	1.005	1.014	-0.9	93	0.00
75 C	Fluoranthene	1.002	0.960	4.2	90	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	93	0.00
77	Benzydine	0.694	0.611	12.0	74	0.00
78	Pyrene	1.667	1.805	-8.3	90	0.00
79 S	Terphenyl-d14	1.170	1.282	-9.6	93	0.00
80	Butylbenzylphthalate	0.542	0.567	-4.6	85	0.00
81	Benzo(a)anthracene	1.309	1.372	-4.8	91	0.00
82	3,3'-Dichlorobenzidine	0.399	0.400	-0.3	84	0.00
83	Chrysene	1.211	1.172	3.2	84	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.671	-2.8	84	0.00
85 c	Di-n-octyl phthalate	1.072	1.175	-9.6	91	0.00
86 I	Perylene-d12	1.000	1.000	0.0	97	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.420	-15.9	99	0.00
88	Benzo(b)fluoranthene	1.149	1.144	0.4	88	0.00
89	Benzo(k)fluoranthene	1.063	0.968	8.9	85	0.00
90 C	Benzo(a)pyrene	0.996	1.033	-3.7	91	0.00
91	Dibenzo(a,h)anthracene	0.986	1.157	-17.3	100	0.00
92	Benzo(g,h,i)perylene	0.986	1.143	-15.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	41.185	-3.0	101	0.00
3	Pyridine	40.000	40.239	-0.6	98	-0.01
4	n-Nitrosodimethylamine	40.000	37.810	5.5	95	-0.03
5 S	2-Fluorophenol	80.000	82.536	-3.2	102	0.00
6	Aniline	40.000	39.405	1.5	97	0.00
7 S	Phenol-d6	80.000	79.601	0.5	99	0.00
8	2-Chlorophenol	40.000	41.153	-2.9	100	0.00
9	Benzaldehyde	40.000	41.553	-3.9	93	0.00
10 C	Phenol	40.000	42.370	-5.9	106	-0.01
11	bis(2-Chloroethyl)ether	40.000	39.703	0.7	97	-0.01
12	1,3-Dichlorobenzene	40.000	39.720	0.7	99	0.00
13 C	1,4-Dichlorobenzene	40.000	39.438	1.4	98	0.00
14	1,2-Dichlorobenzene	40.000	40.528	-1.3	101	0.00
15	Benzyl Alcohol	40.000	39.850	0.4	98	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	40.872	-2.2	102	0.00
17	2-Methylphenol	40.000	39.675	0.8	98	0.00
18	Hexachloroethane	40.000	40.126	-0.3	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.272	4.3	98	-0.02
20	3+4-Methylphenols	40.000	39.914	0.2	95	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	38.653	3.4	95	-0.01
23 S	Nitrobenzene-d5	80.000	82.879	-3.6	100	-0.01
24	Nitrobenzene	40.000	41.813	-4.5	98	-0.01
25	Isophorone	40.000	38.250	4.4	95	-0.02
26 C	2-Nitrophenol	40.000	46.340	-15.9	105	0.00
27	2,4-Dimethylphenol	40.000	41.193	-3.0	99	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.532	1.2	98	-0.01
29 C	2,4-Dichlorophenol	40.000	40.123	-0.3	97	0.00
30	1,2,4-Trichlorobenzene	40.000	39.933	0.2	97	0.00
31	Naphthalene	40.000	39.667	0.8	98	0.00
32	Benzoic acid	40.000	37.569	6.1	92	-0.04
33	4-Chloroaniline	40.000	39.987	0.0	97	0.00
34 C	Hexachlorobutadiene	40.000	39.350	1.6	96	0.00
35	Caprolactam	40.000	40.569	-1.4	100	-0.04
36 C	4-Chloro-3-methylphenol	40.000	39.776	0.6	98	0.00
37	2-Methylnaphthalene	40.000	39.549	1.1	98	0.00
38	1-Methylnaphthalene	40.000	39.003	2.5	95	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.440	-1.1	96	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.991	2.5	88	0.00
42 S	2,4,6-Tribromophenol	80.000	76.638	4.2	93	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.063	2.3	90	0.00
44	2,4,5-Trichlorophenol	40.000	40.504	-1.3	96	0.00
45 S	2-Fluorobiphenyl	80.000	74.521	6.8	97	-0.01
46	1,1'-Biphenyl	40.000	38.750	3.1	95	0.00
47	2-Chloronaphthalene	40.000	39.831	0.4	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	42.593	-6.5	96	0.00
49	Acenaphthylene	40.000	39.462	1.3	96	0.00
50	Dimethylphthalate	40.000	39.243	1.9	98	0.00
51	2,6-Dinitrotoluene	40.000	44.988	-12.5	102	-0.01
52 C	Acenaphthene	40.000	38.554	3.6	94	0.00
53	3-Nitroaniline	40.000	41.461	-3.7	99	-0.01
54 P	2,4-Dinitrophenol	40.000	33.421	16.4	89	0.00
55	Dibenzofuran	40.000	39.362	1.6	96	0.00
56 P	4-Nitrophenol	40.000	36.028	9.9	85	0.00
57	2,4-Dinitrotoluene	40.000	43.651	-9.1	97	0.00
58	Fluorene	40.000	38.862	2.8	97	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.546	1.1	93	0.00
60	Diethylphthalate	40.000	38.198	4.5	93	0.00
61	4-Chlorophenyl-phenylether	40.000	39.202	2.0	95	0.00
62	4-Nitroaniline	40.000	40.078	-0.2	96	-0.02
63	Azobenzene	40.000	39.265	1.8	96	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.304	-8.3	95	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.254	-0.6	93	-0.01
67	4-Bromophenyl-phenylether	40.000	38.560	3.6	89	0.00
68	Hexachlorobenzene	40.000	38.982	2.5	91	0.00
69	Atrazine	40.000	38.711	3.2	92	-0.01
70 C	Pentachlorophenol	40.000	35.013	12.5	79	0.00
71	Phenanthrene	40.000	38.498	3.8	93	0.00
72	Anthracene	40.000	40.324	-0.8	93	0.00
73	Carbazole	40.000	38.983	2.5	93	0.00
74	Di-n-butylphthalate	40.000	40.330	-0.8	93	0.00
75 C	Fluoranthene	40.000	38.337	4.2	90	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	93	0.00
77	Benzydine	40.000	35.211	12.0	74	0.00
78	Pyrene	40.000	43.291	-8.2	90	0.00
79 S	Terphenyl-d14	80.000	87.634	-9.5	93	0.00
80	Butylbenzylphthalate	40.000	41.891	-4.7	85	0.00
81	Benzo(a)anthracene	40.000	41.931	-4.8	91	0.00
82	3,3'-Dichlorobenzidine	40.000	40.149	-0.4	84	0.00
83	Chrysene	40.000	38.688	3.3	84	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.128	-2.8	84	0.00
85 c	Di-n-octyl phthalate	40.000	43.844	-9.6	91	0.00
86 I	Perylene-d12	20.000	20.000	0.0	97	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.355	-15.9	99	0.00
88	Benzo(b)fluoranthene	40.000	39.827	0.4	88	0.00
89	Benzo(k)fluoranthene	40.000	36.420	8.9	85	0.00
90 C	Benzo(a)pyrene	40.000	41.459	-3.6	91	0.00
91	Dibenzo(a,h)anthracene	40.000	46.964	-17.4	100	0.00
92	Benzo(g,h,i)perylene	40.000	46.374	-15.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3375</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/20/2025 12:44</u>
Lab File ID:	<u>BG064547.D</u>	Init. Calib. Date(s):	<u>10/02/2025 10/02/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:01 15:49</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.081	1.194		10.5	
Benzaldehyde	1.290	1.393		8.0	
Phenol-d6	1.452	1.610		10.9	
Phenol	1.532	1.641		7.1	20.0
bis(2-Chloroethyl)ether	1.038	1.092		5.2	
2-Chlorophenol	1.327	1.449		9.2	
2-Methylphenol	1.109	1.242		12.0	
2,2-oxybis(1-Chloropropane)	1.672	1.575		-5.8	
Acetophenone	0.484	0.526		8.7	
3+4-Methylphenols	1.548	1.686		8.9	
n-Nitroso-di-n-propylamine	0.971	1.105	0.050	13.8	
Nitrobenzene-d5	0.372	0.403		8.3	
Hexachloroethane	0.575	0.619		7.7	
Nitrobenzene	0.371	0.388		4.6	
Isophorone	0.674	0.707		4.9	
2-Nitrophenol	0.185	0.203		9.7	20.0
2,4-Dimethylphenol	0.282	0.312		10.6	
bis(2-Chloroethoxy)methane	0.343	0.365		6.4	
2,4-Dichlorophenol	0.326	0.358		9.8	20.0
Naphthalene	1.030	1.119		8.6	
4-Chloroaniline	0.395	0.412		4.3	
Hexachlorobutadiene	0.304	0.337		10.9	20.0
Caprolactam	0.112	0.118		5.4	
4-Chloro-3-methylphenol	0.397	0.427		7.6	20.0
2-Methylnaphthalene	0.791	0.842		6.4	
Hexachlorocyclopentadiene	0.338	0.380	0.050	12.4	
2,4,6-Trichlorophenol	0.413	0.471		14.0	20.0
2-Fluorobiphenyl	1.357	1.453		7.1	
2,4,5-Trichlorophenol	0.461	0.485		5.2	
1,1-Biphenyl	1.438	1.493		3.8	
2-Chloronaphthalene	1.074	1.136		5.8	
2-Nitroaniline	0.367	0.404		10.1	
Dimethylphthalate	1.566	1.653		5.6	
Acenaphthylene	1.594	1.720		7.9	
2,6-Dinitrotoluene	0.326	0.349		7.1	
3-Nitroaniline	0.301	0.316		5.0	
Acenaphthene	1.108	1.160		4.7	20.0
2,4-Dinitrophenol	0.237	0.201	0.050	-15.2	
4-Nitrophenol	0.237	0.224	0.050	-5.5	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02
 Lab Code: ACE SDG No.: Q3375
 Instrument ID: BNA_G Calibration Date/Time: 10/20/2025 12:44
 Lab File ID: BG064547.D Init. Calib. Date(s): 10/02/2025 10/02/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 15:49
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.829	1.957		7.0	
2,4-Dinitrotoluene	0.499	0.527		5.6	
Diethylphthalate	1.680	1.793		6.7	
4-Chlorophenyl-phenylether	0.830	0.883		6.4	
Fluorene	1.520	1.623		6.8	
4-Nitroaniline	0.314	0.338		7.6	
4,6-Dinitro-2-methylphenol	0.139	0.145		4.3	
n-Nitrosodiphenylamine	0.534	0.568		6.4	20.0
2,4,6-Tribromophenol	0.363	0.393		8.3	
4-Bromophenyl-phenylether	0.235	0.253		7.7	
Hexachlorobenzene	0.269	0.296		10.0	
Atrazine	0.238	0.240		0.8	
Pentachlorophenol	0.157	0.169		7.6	20.0
Phenanthrene	1.046	1.100		5.2	
Anthracene	1.049	1.130		7.7	
Carbazole	0.907	0.960		5.8	
Di-n-butylphthalate	1.107	1.175		6.1	
Fluoranthene	1.250	1.308		4.6	20.0
Pyrene	1.298	1.355		4.4	
Terphenyl-d14	1.057	1.133		7.2	
Butylbenzylphthalate	0.460	0.496		7.8	
3,3-Dichlorobenzidine	0.432	0.455		5.3	
Benzo (a) anthracene	1.277	1.361		6.6	
Chrysene	1.211	1.287		6.3	
Bis (2-ethylhexyl) phthalate	0.649	0.709		9.2	
Di-n-octyl phthalate	1.091	1.198		9.8	20.0
Benzo (b) fluoranthene	1.138	1.217		6.9	
Benzo (k) fluoranthene	1.146	1.257		9.7	
Benzo (a) pyrene	1.049	1.138		8.5	20.0
Indeno (1,2,3-cd) pyrene	1.392	1.498		7.6	
Dibenzo (a,h) anthracene	1.113	1.205		8.3	
Benzo (g,h,i) perylene	1.082	1.159		7.1	
1,2,4,5-Tetrachlorobenzene	0.646	0.669		3.6	
1,4-Dioxane	0.427	0.377		-11.7	20.0
2,3,4,6-Tetrachlorophenol	0.470	0.507		7.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064547.D
 Acq On : 20 Oct 2025 12:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 16:36:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	12980	20.000	ng	0.00
21) Naphthalene-d8	10.607	136	58801	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	45965	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	112639	20.000	ng	0.00
76) Chrysene-d12	21.418	240	113403	20.000	ng	0.00
86) Perylene-d12	24.403	264	125032	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	62014	88.419	ng	0.00
7) Phenol-d6	7.000	99	83578	88.675	ng	0.01
23) Nitrobenzene-d5	8.974	82	94792	86.682	ng	0.00
42) 2,4,6-Tribromophenol	15.942	330	72187	86.640	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	267175	85.677	ng	0.00
79) Terphenyl-d14	19.808	244	514123	85.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	9778	35.246	ng	92
3) Pyridine	3.715	79	22435	30.091	ng	90
4) n-Nitrosodimethylamine	3.627	42	22126	40.937	ng	# 84
6) Aniline	7.147	93	53888	45.327	ng	97
8) 2-Chlorophenol	7.388	128	37614	43.674	ng	97
9) Benzaldehyde	6.965	77	36156	43.215	ng	93
10) Phenol	7.029	94	42594	42.839	ng	92
11) bis(2-Chloroethyl)ether	7.247	93	28339	42.087	ng	95
12) 1,3-Dichlorobenzene	7.711	146	41865	44.437	ng	89
13) 1,4-Dichlorobenzene	7.858	146	41670	44.070	ng	93
14) 1,2-Dichlorobenzene	8.169	146	40313	43.259	ng	95
15) Benzyl Alcohol	8.057	79	39179	45.138	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.339	45	40888	37.672	ng	98
17) 2-Methylphenol	8.269	107	32231	44.767	ng	96
18) Hexachloroethane	8.892	117	16062	43.036	ng	89
19) n-Nitroso-di-n-propyla...	8.621	70	28682	45.502	ng	# 91
20) 3+4-Methylphenols	8.598	107	43764	43.559	ng	95
22) Acetophenone	8.639	105	61862	43.451	ng	# 94
24) Nitrobenzene	9.021	77	45681	41.889	ng	97
25) Isophorone	9.538	82	83098	41.946	ng	# 94
26) 2-Nitrophenol	9.726	139	23843	43.930	ng	97
27) 2,4-Dimethylphenol	9.791	122	36645	44.205	ng	97
28) bis(2-Chloroethoxy)met...	10.020	93	42902	42.484	ng	99
29) 2,4-Dichlorophenol	10.267	162	42122	43.940	ng	98
30) 1,2,4-Trichlorobenzene	10.472	180	45818	43.835	ng	97
31) Naphthalene	10.660	128	131618	43.468	ng	97
32) Benzoic acid	9.961	122	26292	41.310	ng	93
33) 4-Chloroaniline	10.766	127	48497	41.738	ng	95
34) Hexachlorobutadiene	10.942	225	39674	44.321	ng	97
35) Caprolactam	11.559	113	13863	42.243	ng	99
36) 4-Chloro-3-methylphenol	11.906	107	50241	43.097	ng	98
37) 2-Methylnaphthalene	12.270	142	98977	42.584	ng	95
38) 1-Methylnaphthalene	12.488	142	97763	42.182	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.640	216	61472	41.420	ng	95
41) Hexachlorocyclopentadiene	12.623	237	34940	45.006	ng	92
43) 2,4,6-Trichlorophenol	12.887	196	43274m	45.612	ng	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064547.D
 Acq On : 20 Oct 2025 12:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 16:36:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	44631	42.137	ng	99
46) 1,1'-Biphenyl	13.281	154	137212	41.504	ng	100
47) 2-Chloronaphthalene	13.322	162	104440	42.313	ng	96
48) 2-Nitroaniline	13.528	65	37118	44.061	ng	94
49) Acenaphthylene	14.168	152	158153	43.163	ng	97
50) Dimethylphthalate	13.909	163	152000	42.222	ng	98
51) 2,6-Dinitrotoluene	14.027	165	32112	42.820	ng	94
52) Acenaphthene	14.515	154	106658	41.898	ng	98
53) 3-Nitroaniline	14.362	138	29028	41.972	ng	87
54) 2,4-Dinitrophenol	14.567	184	18483	33.990	ng	92
55) Dibenzofuran	14.850	168	179871	42.794	ng	100
56) 4-Nitrophenol	14.685	139	20574	37.784	ng	89
57) 2,4-Dinitrotoluene	14.820	165	48459	42.271	ng	96
58) Fluorene	15.496	166	149180	42.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	46621	43.129	ng	97
60) Diethylphthalate	15.273	149	164785	42.669	ng	98
61) 4-Chlorophenyl-phenyle...	15.490	204	81170	42.549	ng	97
62) 4-Nitroaniline	15.519	138	31076	43.111	ng	95
63) Azobenzene	15.784	77	123898	41.425	ng	96
65) 4,6-Dinitro-2-methylph...	15.584	198	32740	41.746	ng	91
66) n-Nitrosodiphenylamine	15.707	169	127857	42.507	ng	97
67) 4-Bromophenyl-phenylether	16.383	248	57057	43.046	ng	96
68) Hexachlorobenzene	16.500	284	66733	43.997	ng	98
69) Atrazine	16.659	200	54086	40.416	ng	97
70) Pentachlorophenol	16.847	266	37971	42.817	ng	97
71) Phenanthrene	17.235	178	247916	42.087	ng	99
72) Anthracene	17.323	178	254501	43.067	ng	98
73) Carbazole	17.599	167	216198	42.326	ng	98
74) Di-n-butylphthalate	18.157	149	264589	42.433	ng	99
75) Fluoranthene	19.244	202	294741	41.884	ng	98
77) Benzidine	19.432	184	134588	47.695	ng	99
78) Pyrene	19.609	202	307402	41.769	ng	99
80) Butylbenzylphthalate	20.502	149	112428	43.094	ng	97
81) Benzo(a)anthracene	21.401	228	308599	42.619	ng	99
82) 3,3'-Dichlorobenzidine	21.324	252	103237	42.125	ng	98
83) Chrysene	21.465	228	291852	42.501	ng	96
84) Bis(2-ethylhexyl)phtha...	21.318	149	160868	43.703	ng	97
85) Di-n-octyl phthalate	22.446	149	271723	43.922	ng	99
87) Indeno(1,2,3-cd)pyrene	27.770	276	374535	43.035	ng	# 88
88) Benzo(b)fluoranthene	23.463	252	304295	42.780	ng	98
89) Benzo(k)fluoranthene	23.528	252	314452	43.893	ng	99
90) Benzo(a)pyrene	24.268	252	284628	43.417	ng	99
91) Dibenzo(a,h)anthracene	27.823	278	301308	43.292	ng	# 97
92) Benzo(g,h,i)perylene	28.821	276	289782	42.845	ng	97

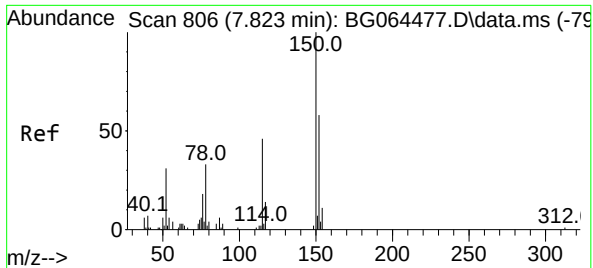
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

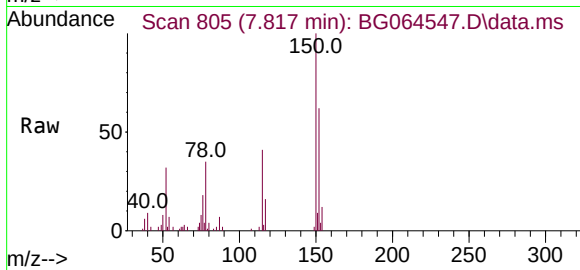
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

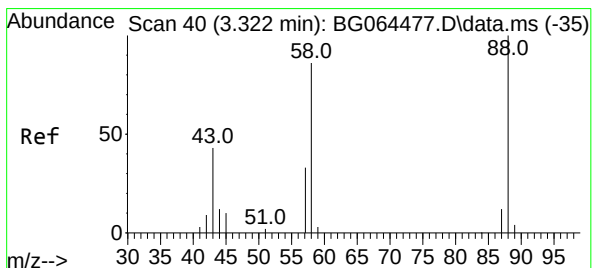
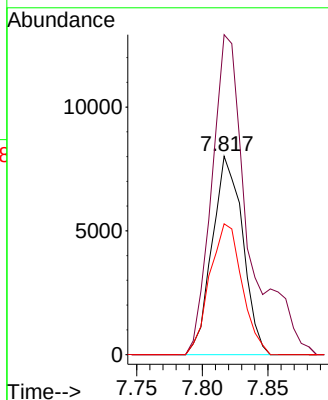
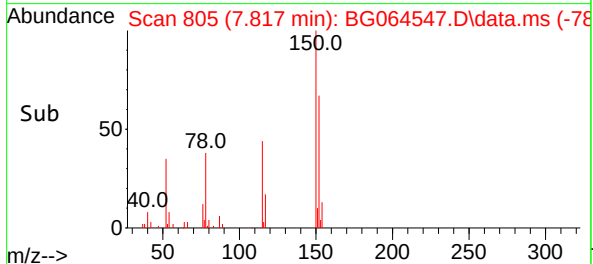
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 12980
Ion Ratio Lower Upper
152 100
150 161.4 138.6 207.8
115 66.0 63.4 95.2

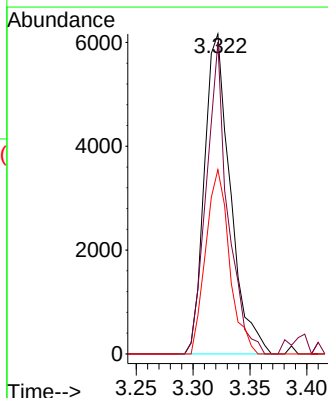
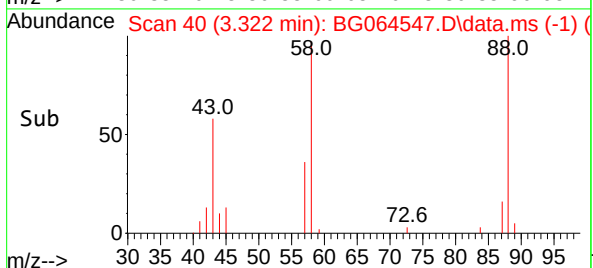
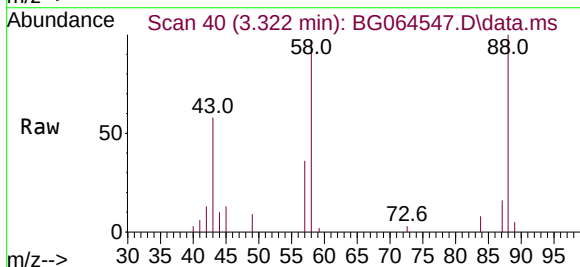
Manual Integrations
APPROVED

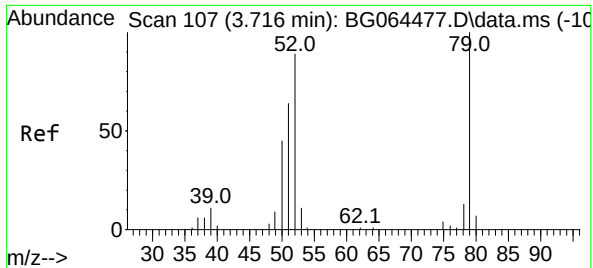
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#2
1,4-Dioxane
Concen: 35.246 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

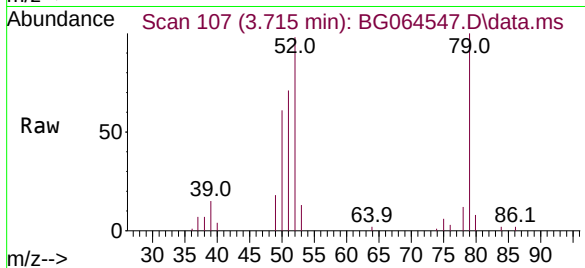
Tgt Ion: 88 Resp: 9778
Ion Ratio Lower Upper
88 100
58 80.8 69.8 104.6
43 52.7 37.4 56.0





#3
Pyridine
Concen: 30.091 ng
RT: 3.715 min Scan# 107
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

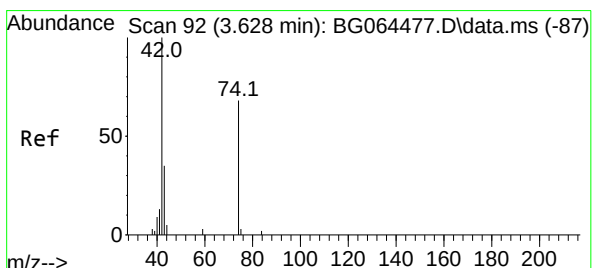
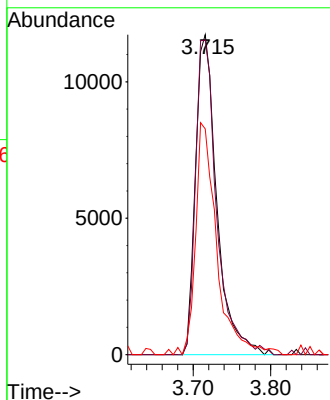
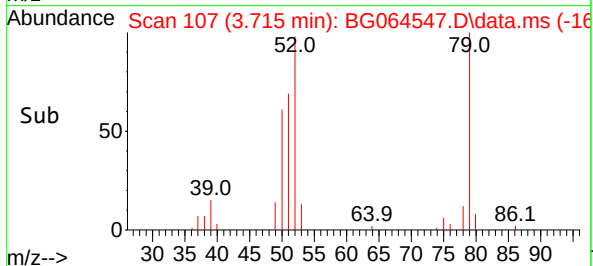
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



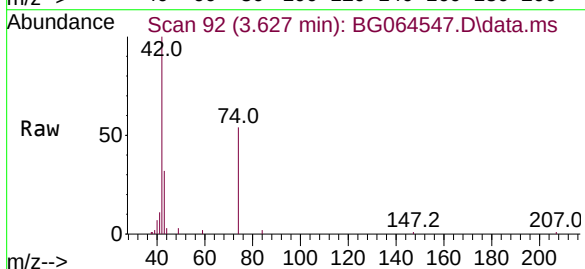
Tgt Ion: 79 Resp: 22435
Ion Ratio Lower Upper
79 100
52 98.3 71.0 106.4
51 70.5 51.0 76.6

Manual Integrations
APPROVED

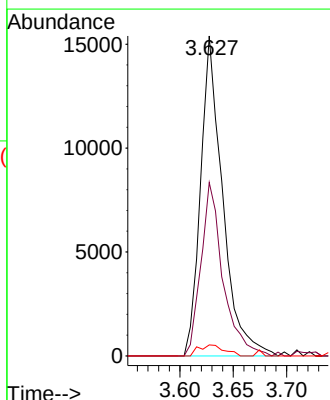
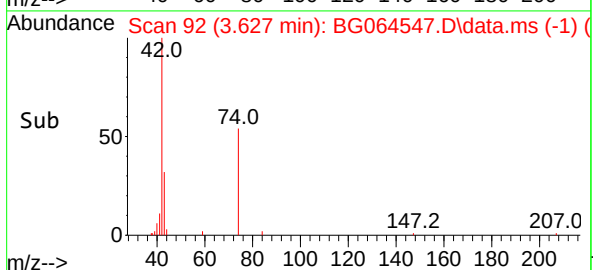
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

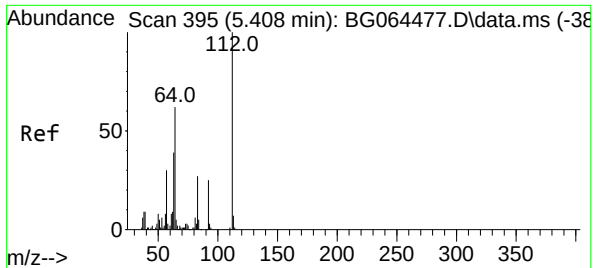


#4
n-Nitrosodimethylamine
Concen: 40.937 ng
RT: 3.627 min Scan# 92
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



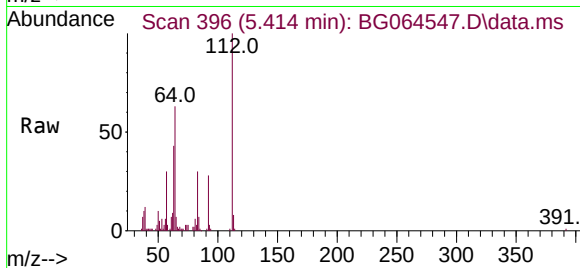
Tgt Ion: 42 Resp: 22126
Ion Ratio Lower Upper
42 100
74 54.2 54.2 81.4#
44 3.4 4.2 6.2#





#5
2-Fluorophenol
Concen: 88.419 ng
RT: 5.414 min Scan# 395
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

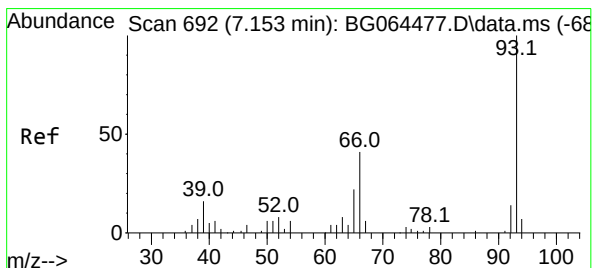
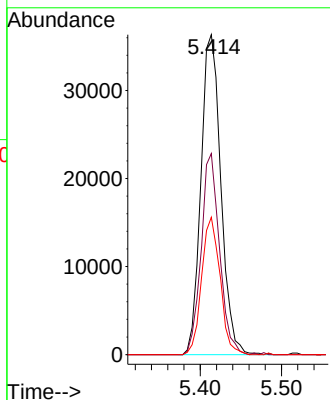
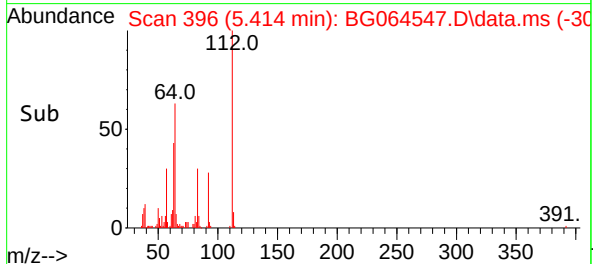
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 62014
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 42.9 31.3 46.9

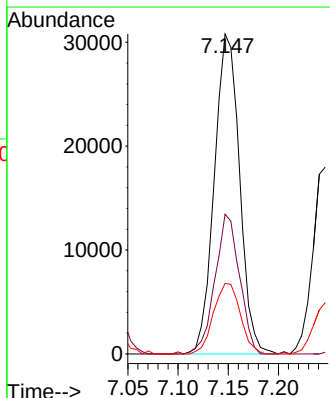
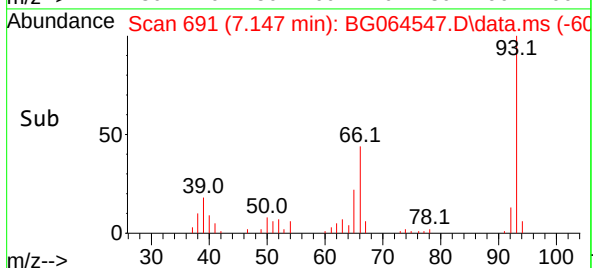
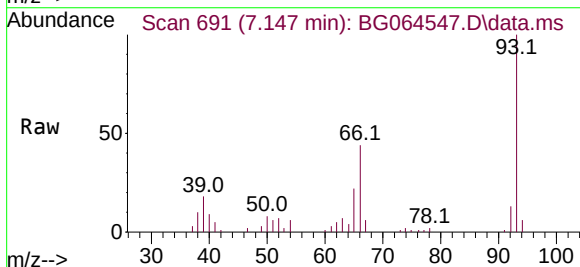
Manual Integrations
APPROVED

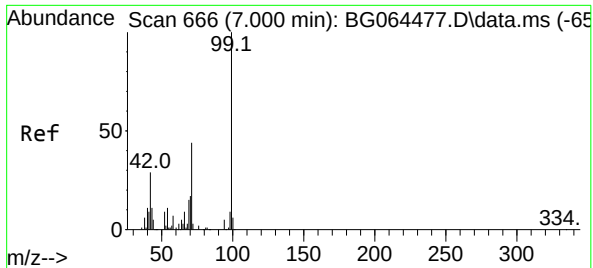
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#6
Aniline
Concen: 45.327 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 53888
Ion Ratio Lower Upper
93 100
66 43.7 33.0 49.4
65 22.0 17.5 26.3





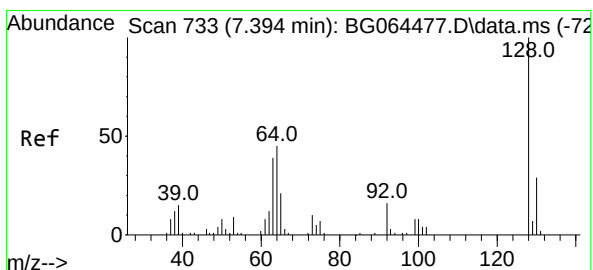
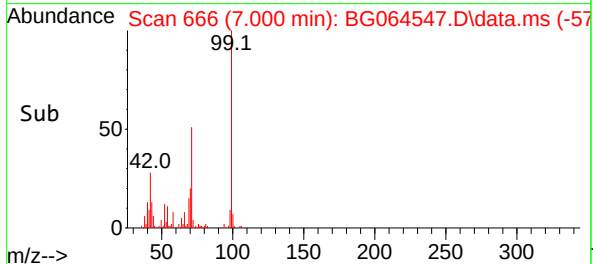
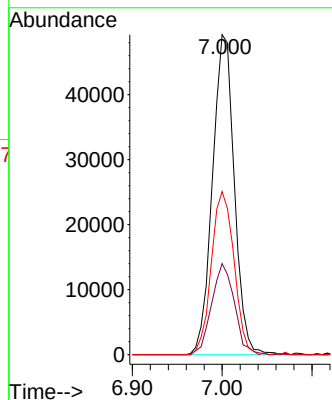
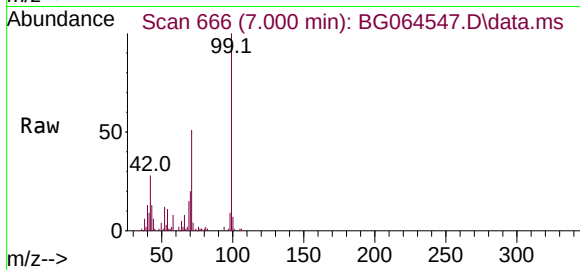
#7
Phenol-d6
Concen: 88.675 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 83578
Ion Ratio Lower Upper
99 100
42 28.4 22.9 34.3
71 50.9 35.4 53.2

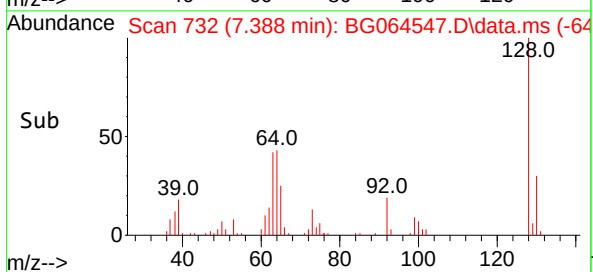
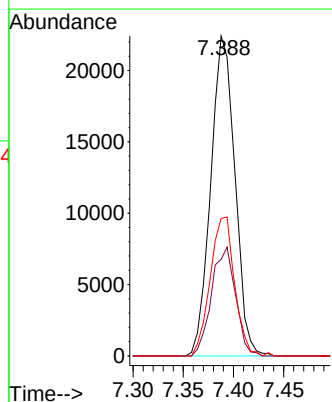
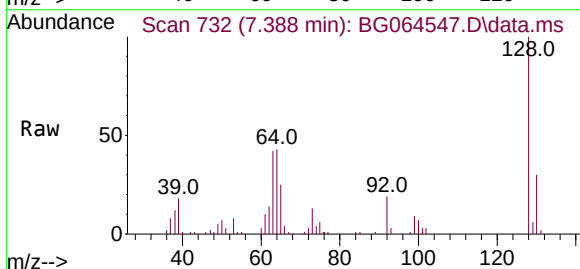
Manual Integrations
APPROVED

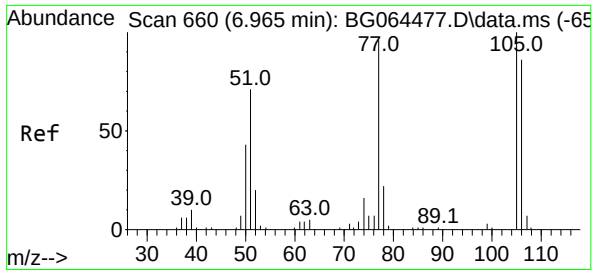
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#8
2-Chlorophenol
Concen: 43.674 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

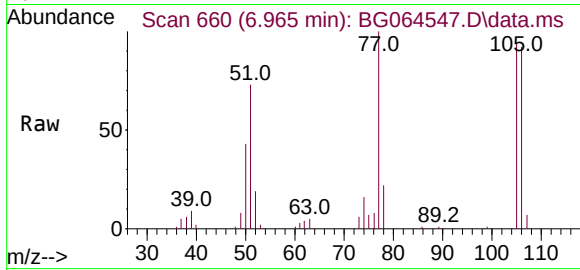
Tgt Ion:128 Resp: 37614
Ion Ratio Lower Upper
128 100
130 30.2 9.2 49.2
64 42.9 25.5 65.5





#9
Benzaldehyde
Concen: 43.215 ng
RT: 6.965 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

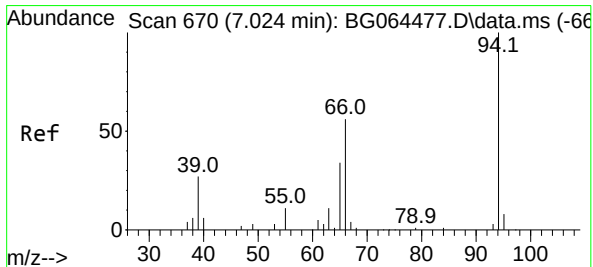
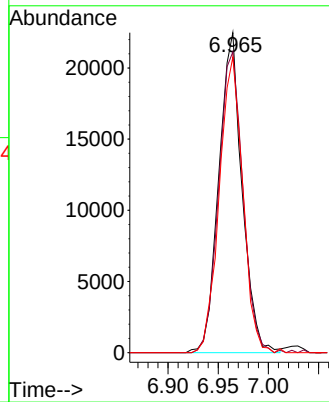
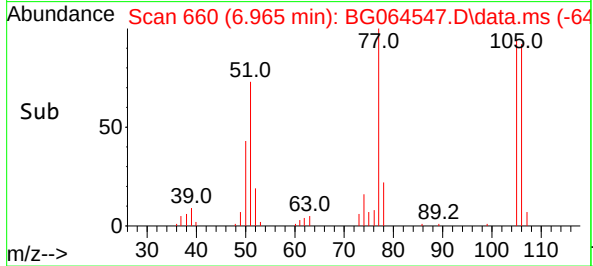
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 36156
Ion Ratio Lower Upper
77 100
105 94.0 83.7 123.7
106 92.4 69.4 109.4

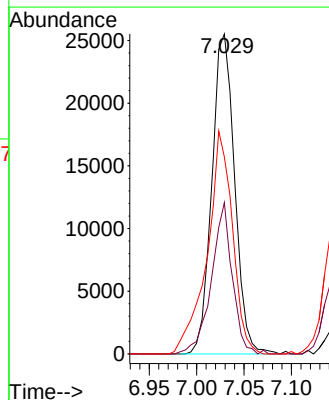
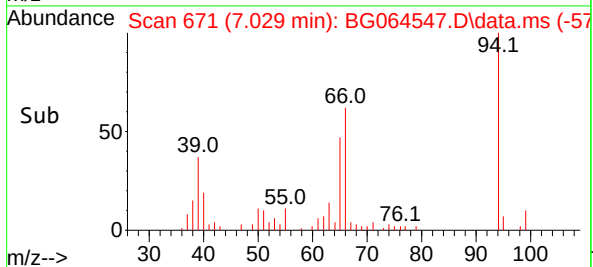
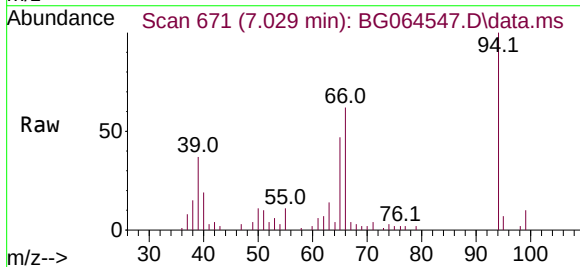
Manual Integrations
APPROVED

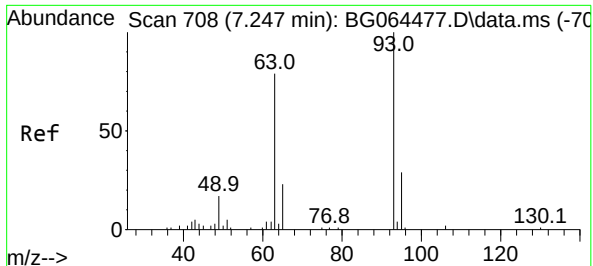
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#10
Phenol
Concen: 42.839 ng
RT: 7.029 min Scan# 671
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

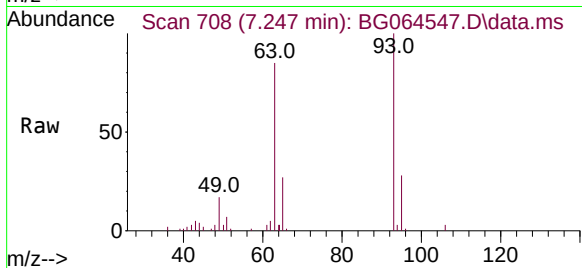
Tgt Ion: 94 Resp: 42594
Ion Ratio Lower Upper
94 100
65 47.3 14.8 54.8
66 61.5 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 42.087 ng
RT: 7.247 min Scan# 708
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

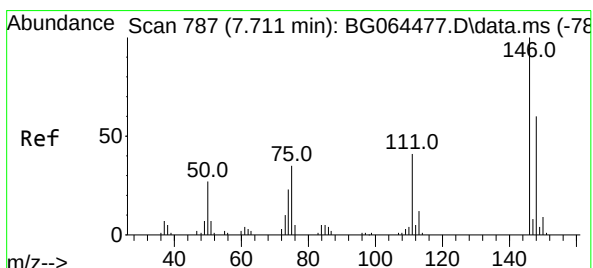
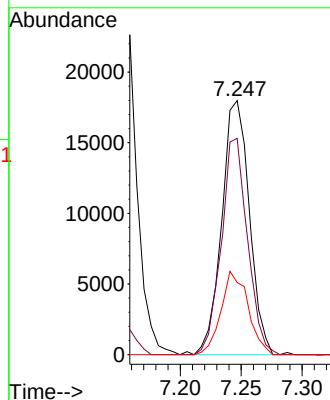
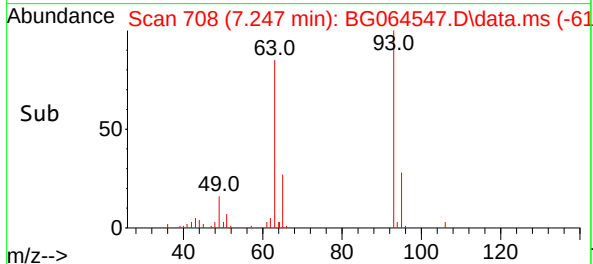
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



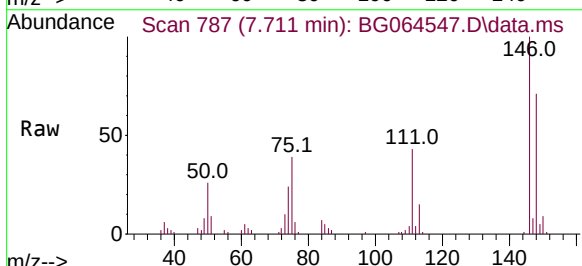
Tgt Ion: 93 Resp: 28339
Ion Ratio Lower Upper
93 100
63 85.1 59.5 99.5
95 28.4 8.8 48.8

Manual Integrations
APPROVED

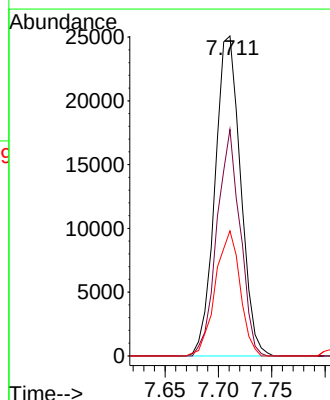
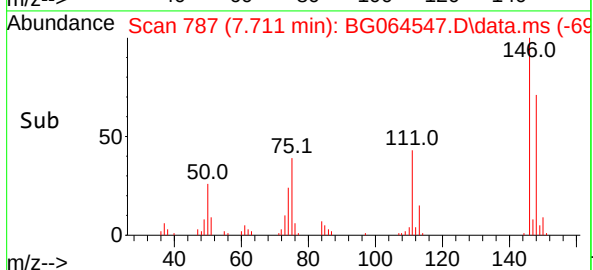
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

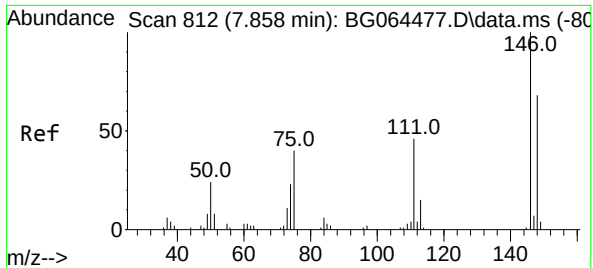


#12
1,3-Dichlorobenzene
Concen: 44.437 ng
RT: 7.711 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:146 Resp: 41865
Ion Ratio Lower Upper
146 100
148 70.8 48.4 72.6
75 39.1 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 44.070 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 41670

Ion Ratio Lower Upper

146 100

148 61.2 54.4 81.6

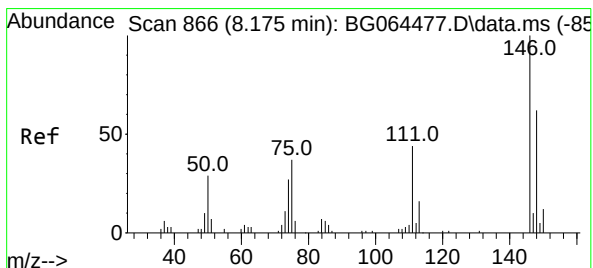
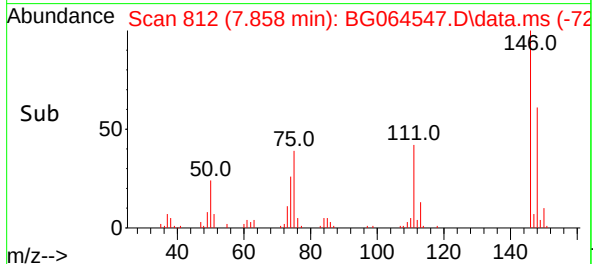
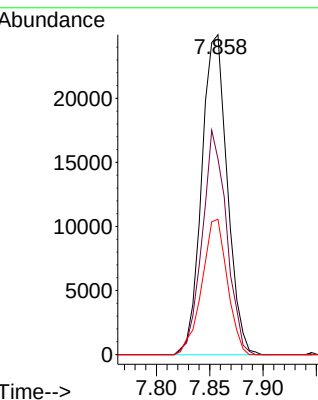
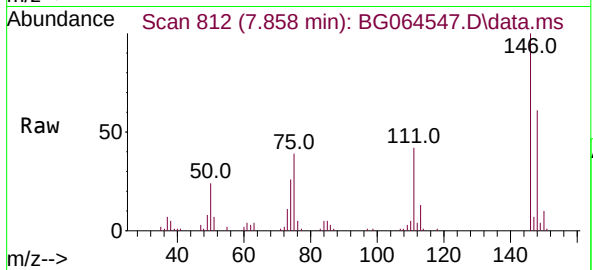
111 42.3 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 43.259 ng

RT: 8.169 min Scan# 865

Delta R.T. -0.004 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

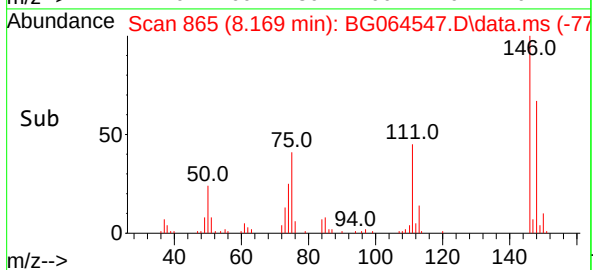
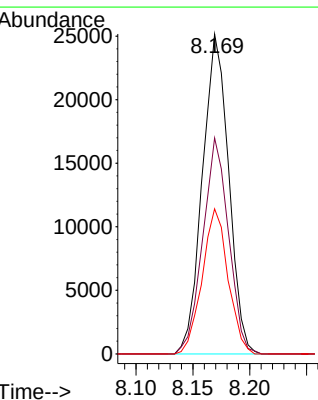
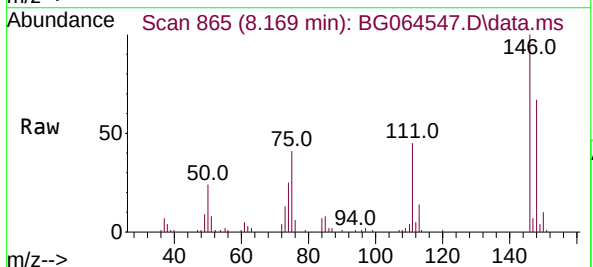
Tgt Ion:146 Resp: 40313

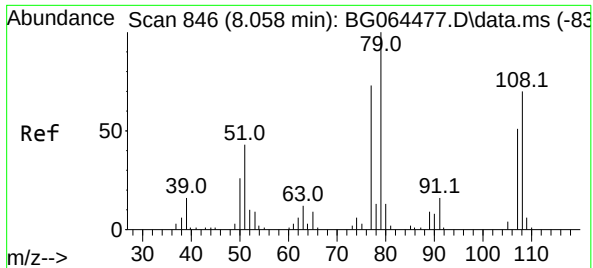
Ion Ratio Lower Upper

146 100

148 67.5 50.0 75.0

111 45.3 35.0 52.4





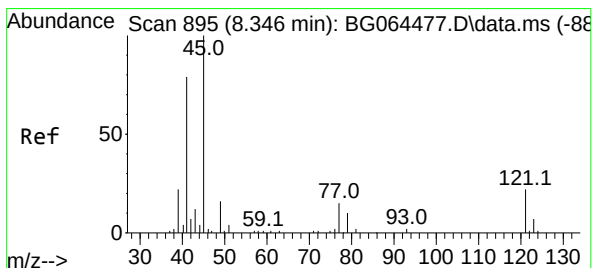
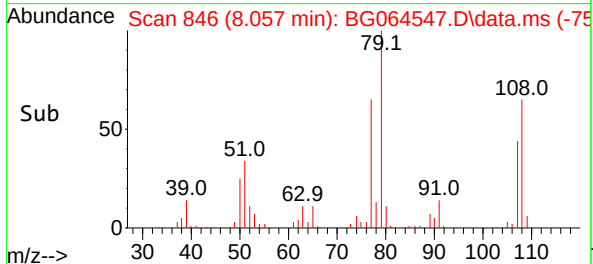
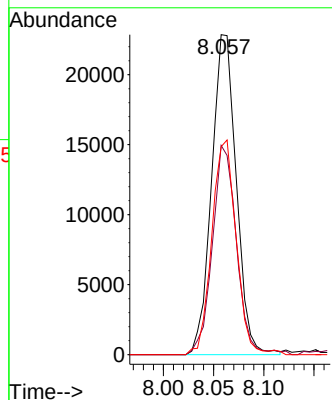
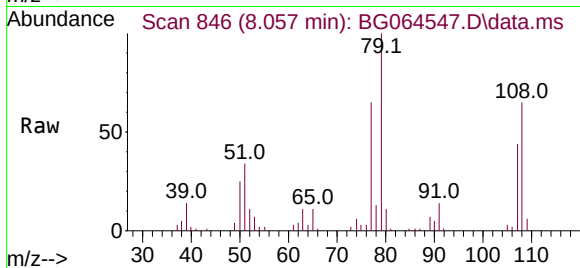
#15
Benzyl Alcohol
Concen: 45.138 ng
RT: 8.057 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 39179
Ion Ratio Lower Upper
79 100
108 65.4 56.4 84.6
77 65.0 58.3 87.5

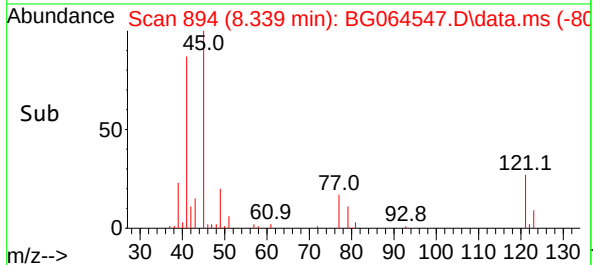
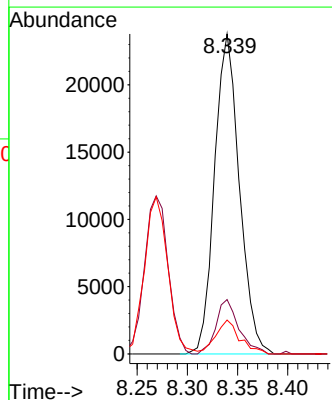
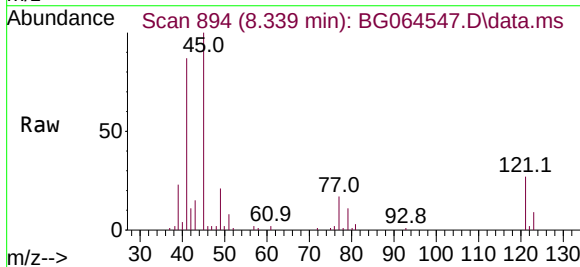
Manual Integrations
APPROVED

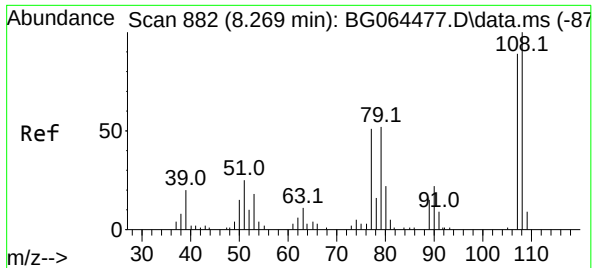
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.672 ng
RT: 8.339 min Scan# 894
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

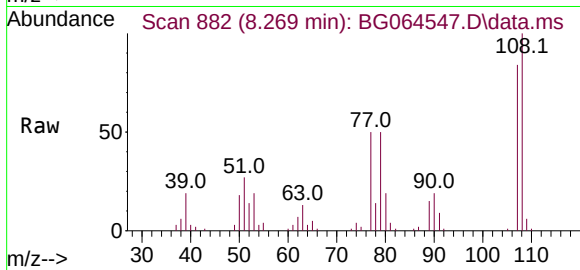
Tgt Ion: 45 Resp: 40888
Ion Ratio Lower Upper
45 100
77 17.0 0.0 35.6
79 10.6 0.0 30.7





#17
2-Methylphenol
Concen: 44.767 ng
RT: 8.269 min Scan# 882
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

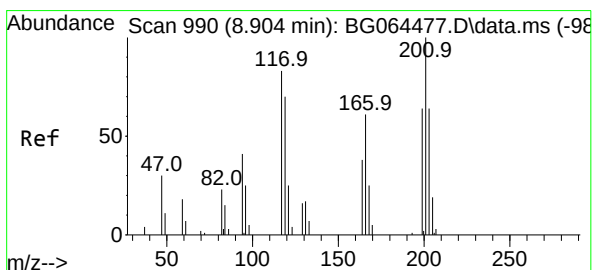
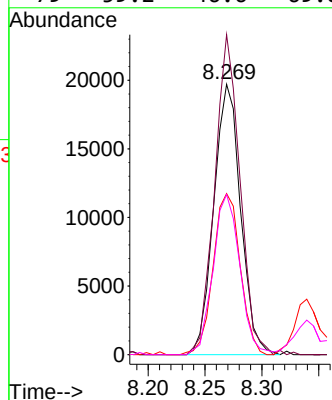
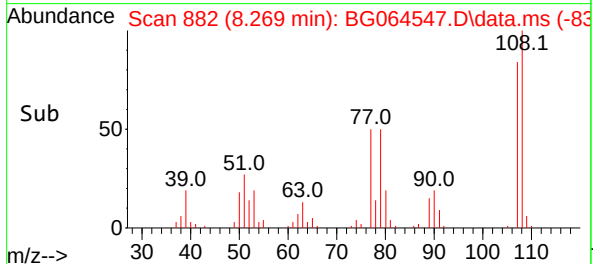
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 3223
Ion Ratio Lower Upper
107 100
108 118.4 90.3 135.5
77 59.6 46.0 69.0
79 59.2 46.6 69.8

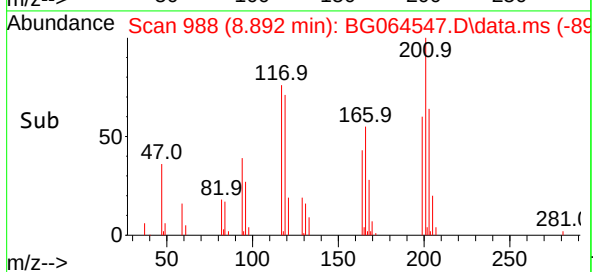
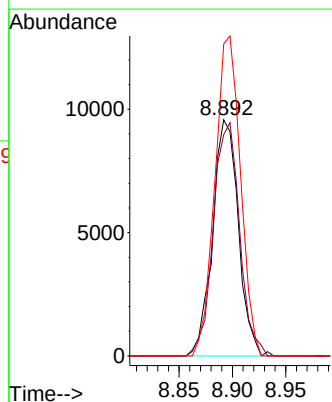
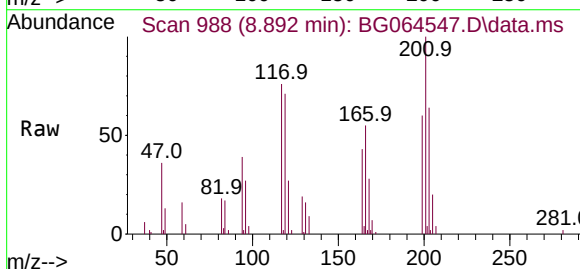
Manual Integrations
APPROVED

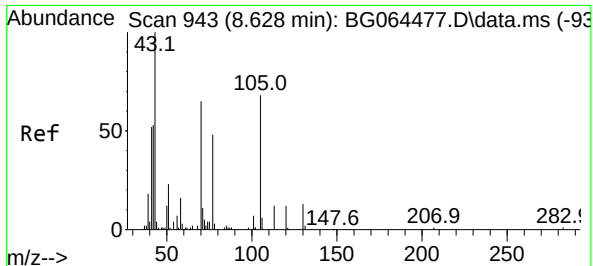
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#18
Hexachloroethane
Concen: 43.036 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:117 Resp: 16062
Ion Ratio Lower Upper
117 100
119 93.7 67.4 101.0
201 132.2 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.502 ng

RT: 8.621 min Scan# 94

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 2868

Ion Ratio Lower Upper

70 100

42 73.2 64.9 97.3

101 8.2 8.7 13.1

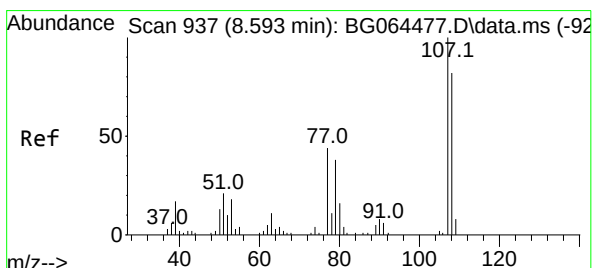
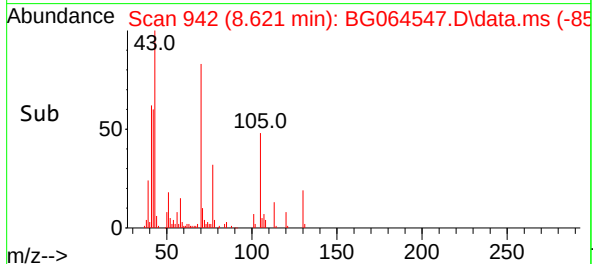
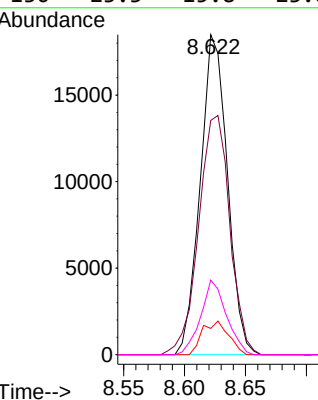
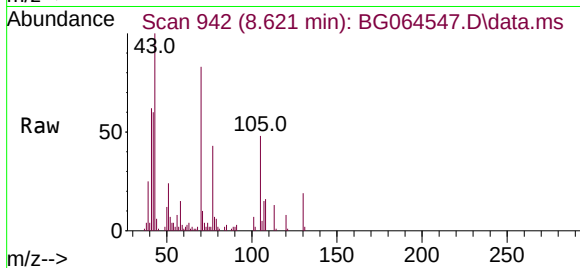
130 23.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#20

3+4-Methylphenols

Concen: 43.559 ng

RT: 8.598 min Scan# 938

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 43764

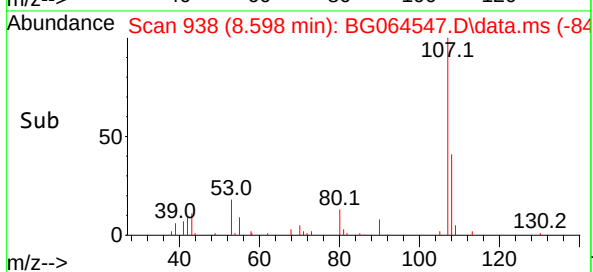
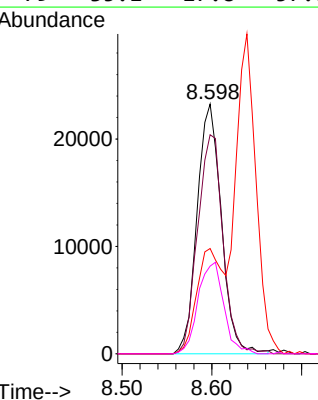
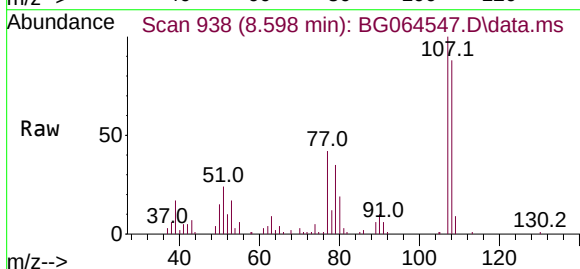
Ion Ratio Lower Upper

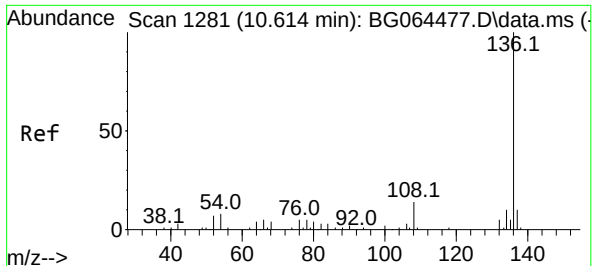
107 100

108 87.7 62.1 102.1

77 42.2 23.5 63.5

79 35.1 17.8 57.8





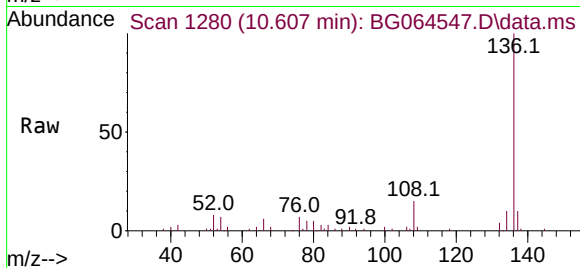
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.607 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

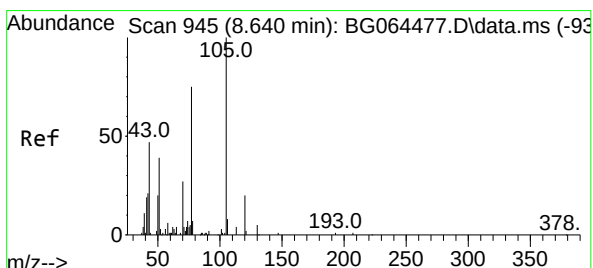
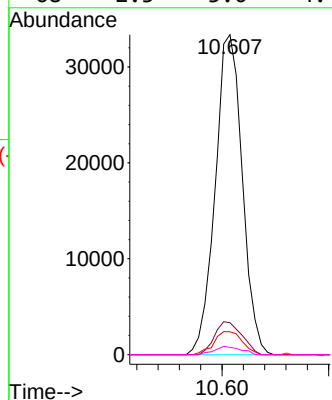
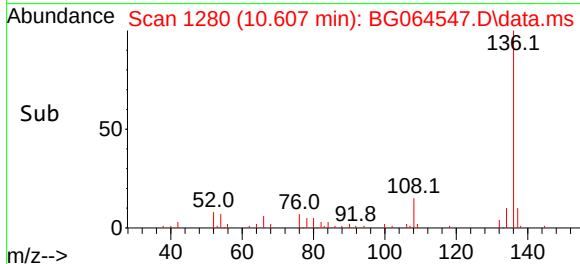
SSTDCCC040



Tgt Ion:136 Resp: 58801
Ion Ratio Lower Upper
136 100
137 10.0 8.3 12.5
54 7.1 6.2 9.4
68 2.3 3.0 4.4#

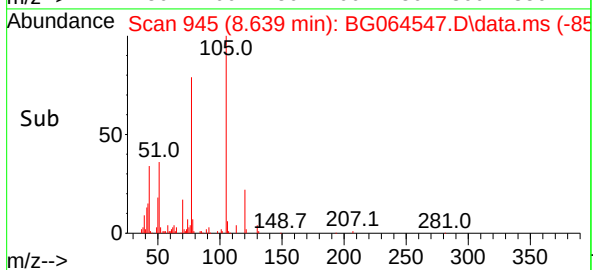
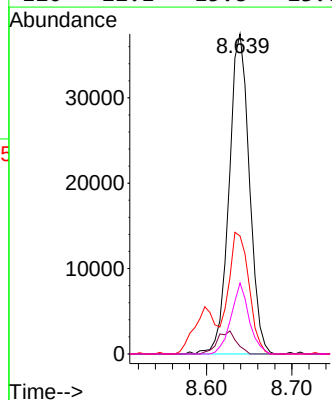
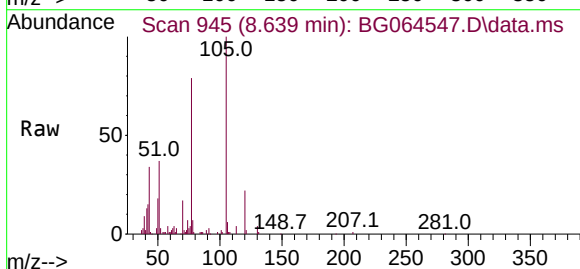
Manual Integrations
APPROVED

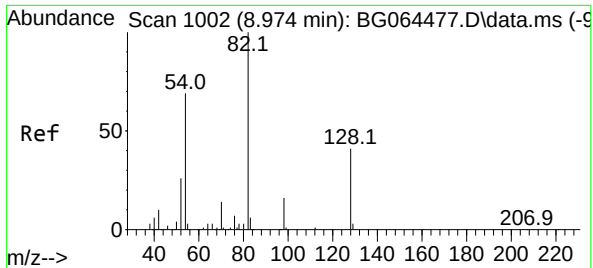
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#22
Acetophenone
Concen: 43.451 ng
RT: 8.639 min Scan# 945
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:105 Resp: 61862
Ion Ratio Lower Upper
105 100
71 2.3 2.8 4.2#
51 36.8 33.0 49.4
120 22.1 15.8 23.6





#23

Nitrobenzene-d5

Concen: 86.682 ng

RT: 8.974 min Scan# 10

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

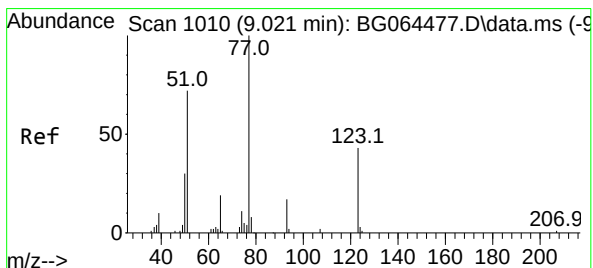
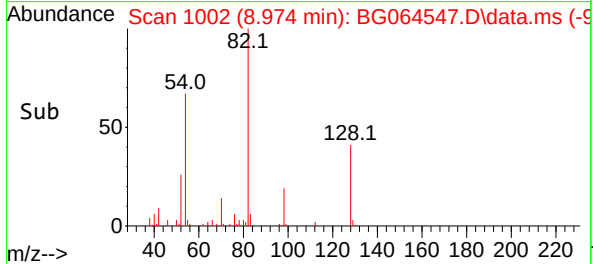
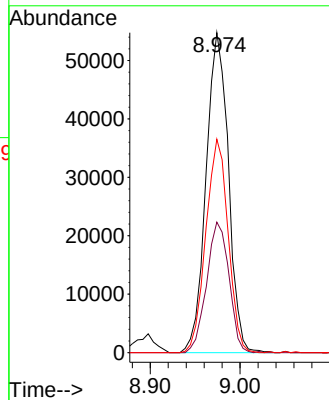
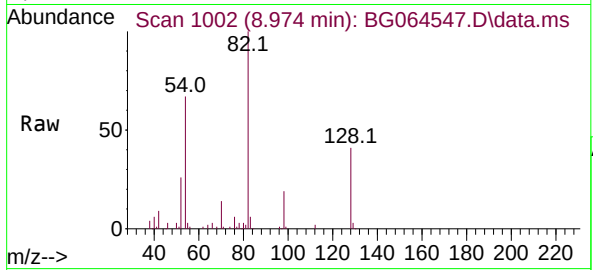
Tgt Ion: 82	Resp: 94792
Ion Ratio	Lower Upper
82 100	
128 40.8	33.1 49.7
54 66.7	55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#24

Nitrobenzene

Concen: 41.889 ng

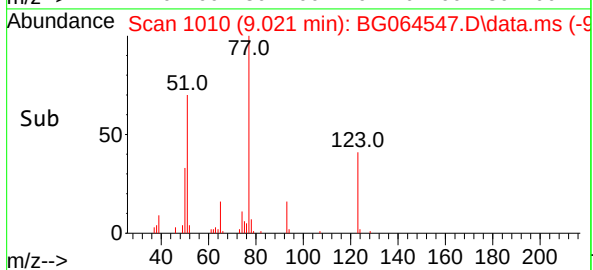
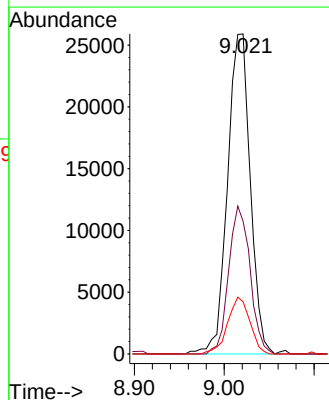
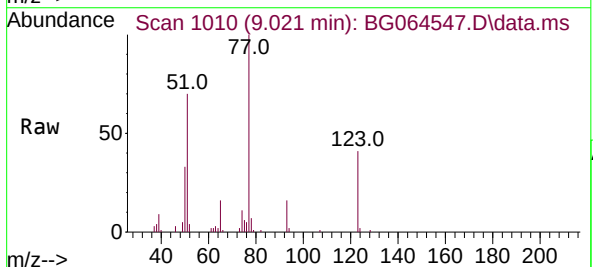
RT: 9.021 min Scan# 1010

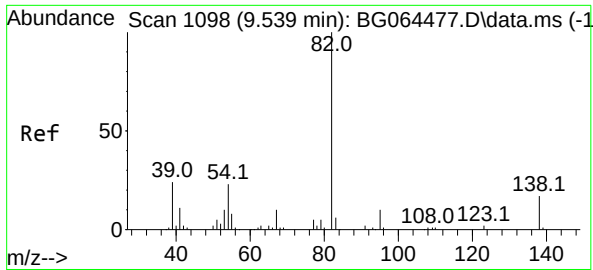
Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

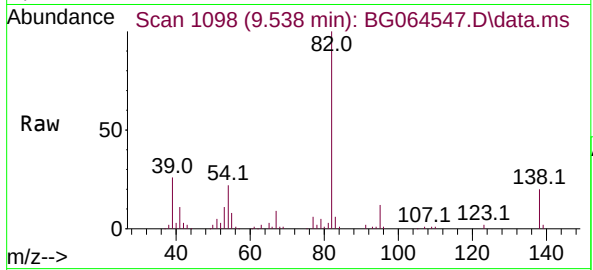
Tgt Ion: 77	Resp: 45681
Ion Ratio	Lower Upper
77 100	
123 41.4	34.4 51.6
65 16.3	14.8 22.2





#25
Isophorone
Concen: 41.946 ng
RT: 9.538 min Scan# 1098
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

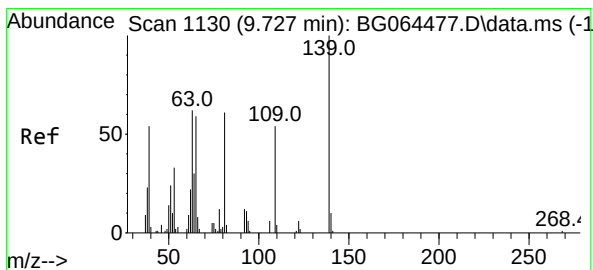
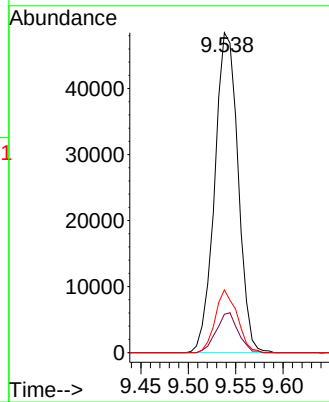
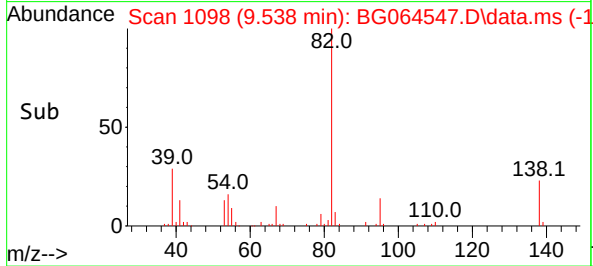
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



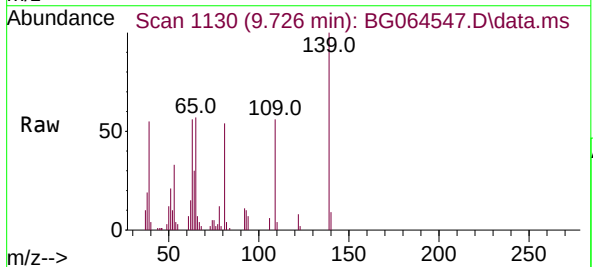
Tgt Ion: 82 Resp: 83098
Ion Ratio Lower Upper
82 100
95 12.0 7.8 11.8
138 19.6 13.8 20.6

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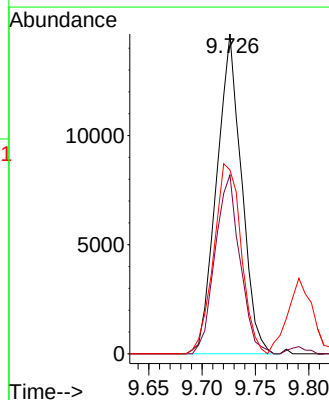
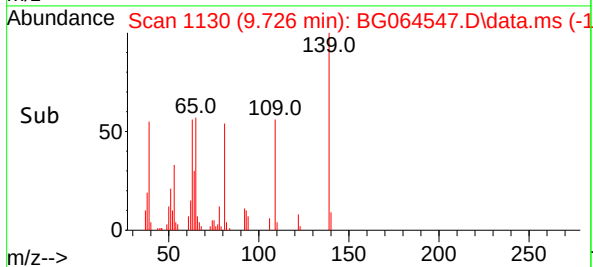
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

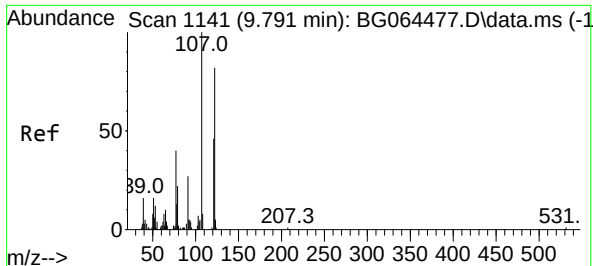


#26
2-Nitrophenol
Concen: 43.930 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:139 Resp: 23843
Ion Ratio Lower Upper
139 100
109 55.9 43.0 64.6
65 57.5 47.4 71.2





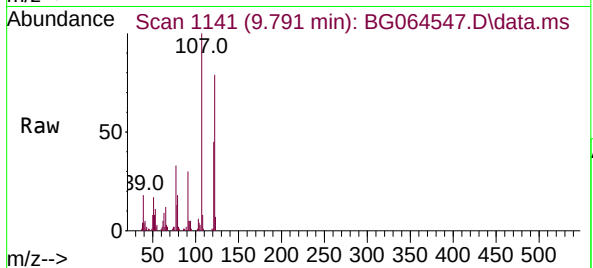
#27
2,4-Dimethylphenol
Concen: 44.205 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



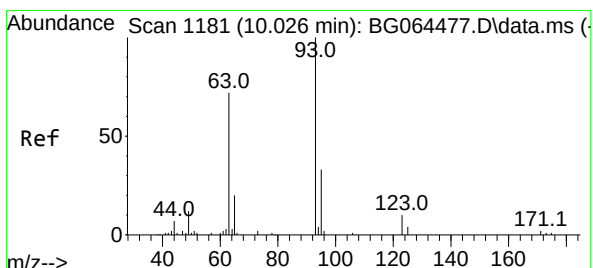
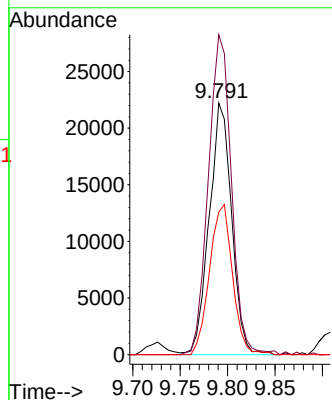
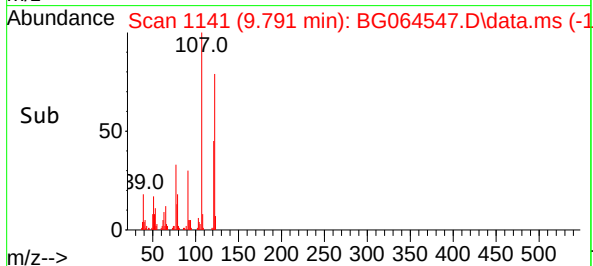
Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.2	98.3	147.5
121	56.6	44.7	67.1

Manual Integrations

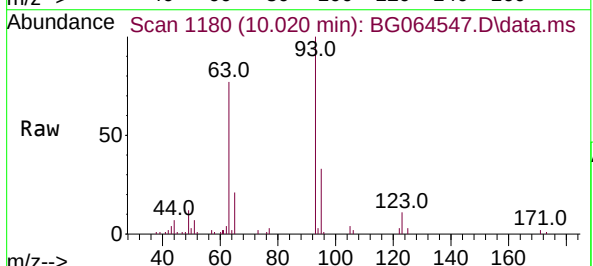
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

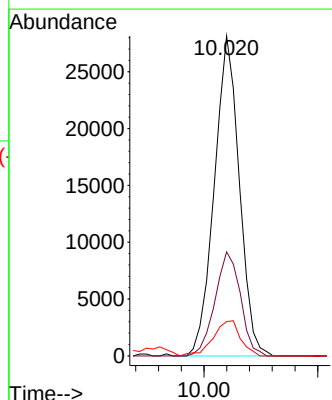
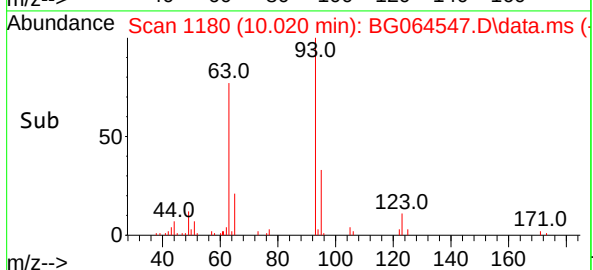
Supervised By :Jagrut Upadhyay 10/21/2025

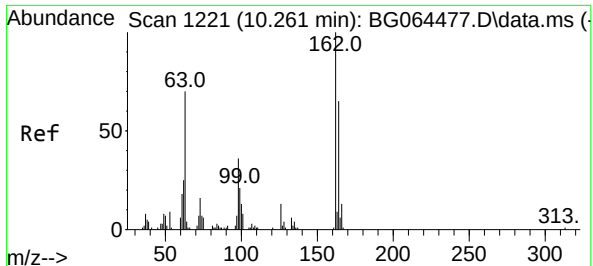


#28
bis(2-Chloroethoxy)methane
Concen: 42.484 ng
RT: 10.020 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.7	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 43.940 ng

RT: 10.267 min Scan# 1221

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

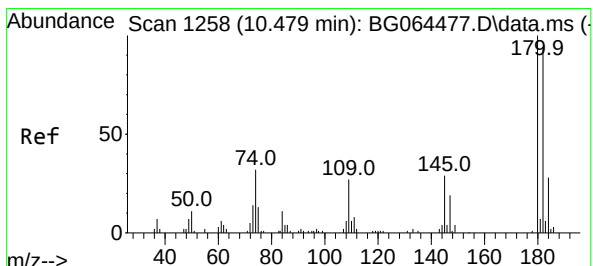
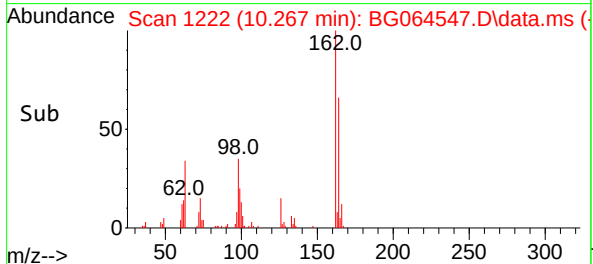
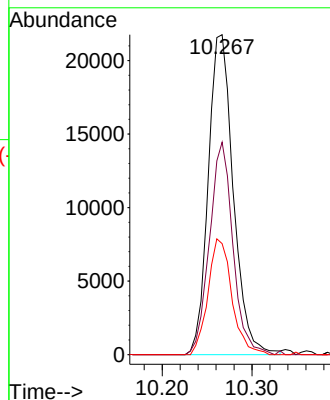
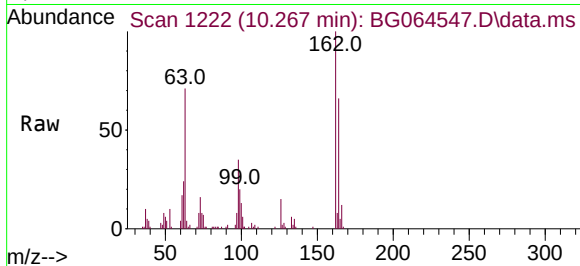
Tgt Ion:	162	Resp:	4212
Ion Ratio	Lower	Upper	
162	100		
164	66.4	45.4	85.4
98	34.7	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.835 ng

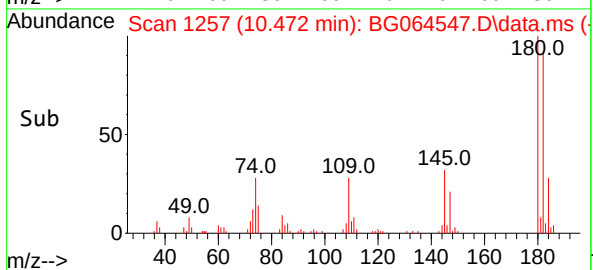
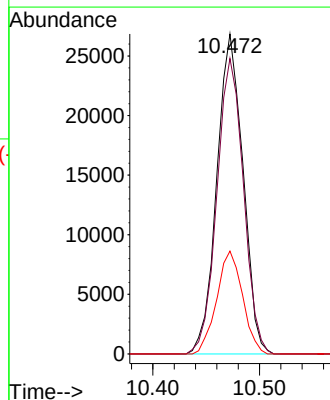
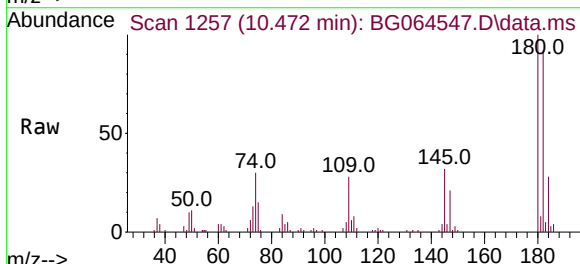
RT: 10.472 min Scan# 1257

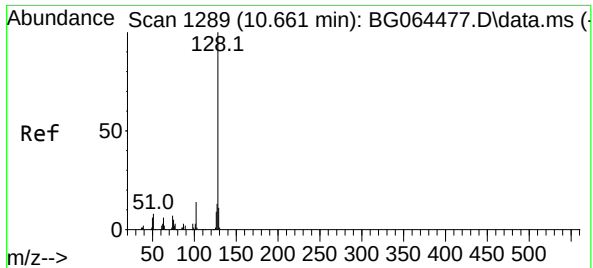
Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

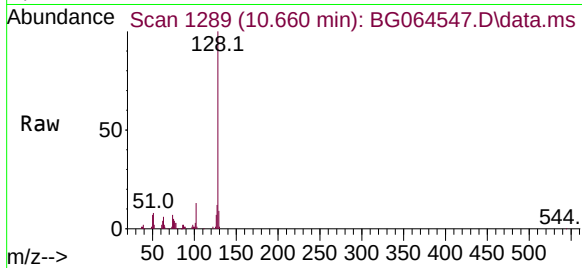
Tgt Ion:	180	Resp:	45818
Ion Ratio	Lower	Upper	
180	100		
182	92.3	75.4	113.2
145	32.1	23.2	34.8





#31
Naphthalene
Concen: 43.468 ng
RT: 10.660 min Scan# 1170
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

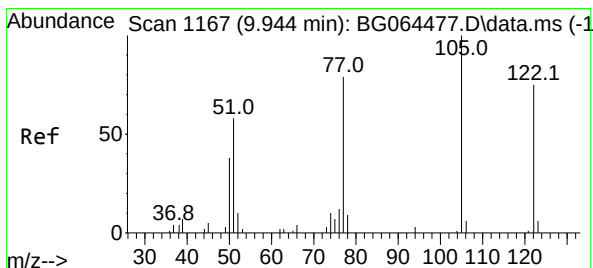
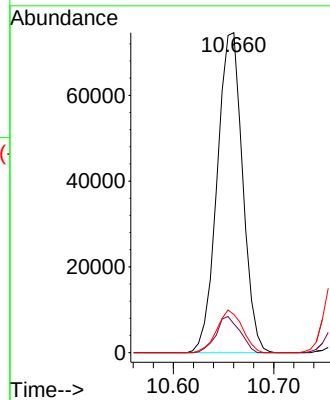
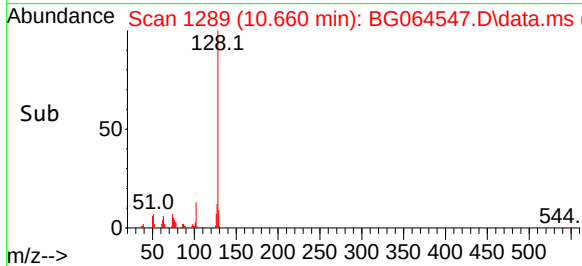
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 131618
Ion Ratio Lower Upper
128 100
129 9.0 8.7 13.1
127 11.9 10.2 15.2

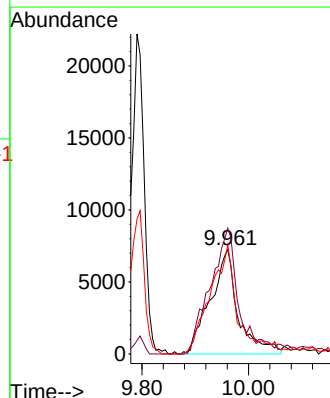
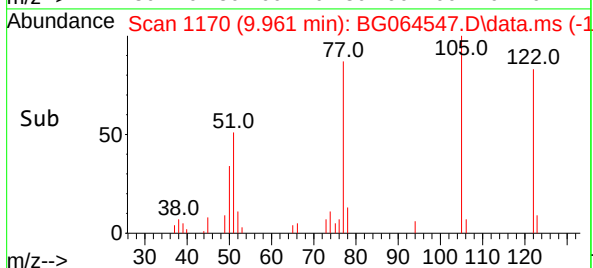
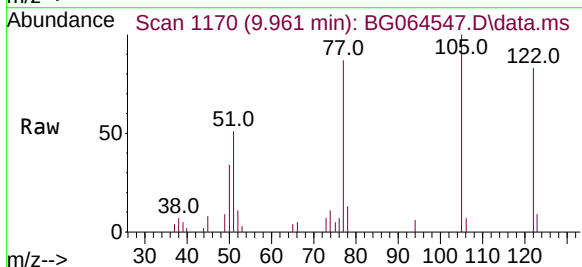
Manual Integrations
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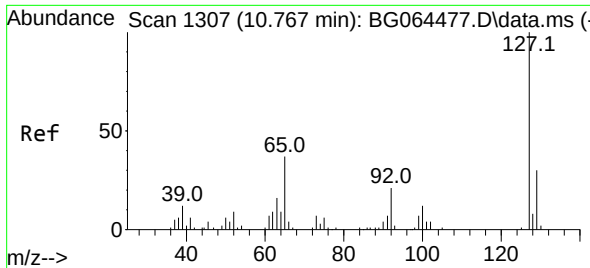
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#32
Benzoic acid
Concen: 41.310 ng
RT: 9.961 min Scan# 1170
Delta R.T. 0.072 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

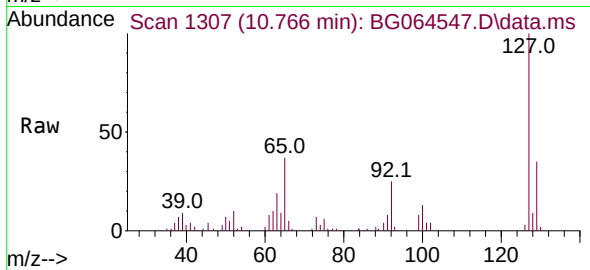
Tgt Ion:122 Resp: 26292
Ion Ratio Lower Upper
122 100
105 120.6 113.9 153.9
77 104.4 86.1 126.1





#33
4-Chloroaniline
Concen: 41.738 ng
RT: 10.766 min Scan# 1307
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

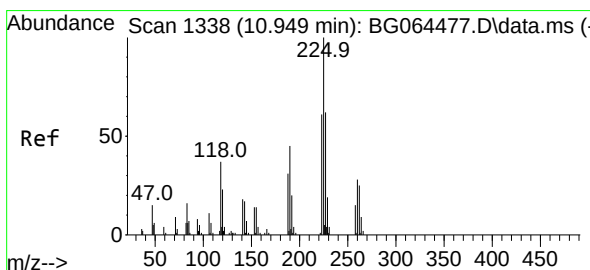
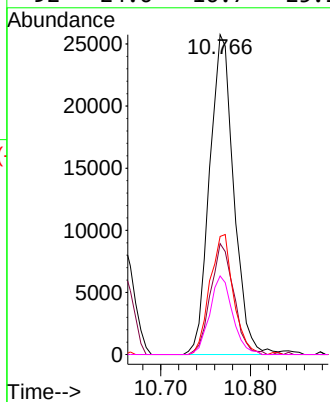
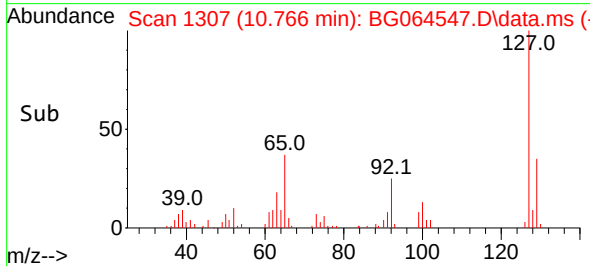
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 48497
Ion Ratio Lower Upper
127 100
129 34.7 24.2 36.4
65 36.9 29.6 44.4
92 24.6 16.7 25.1

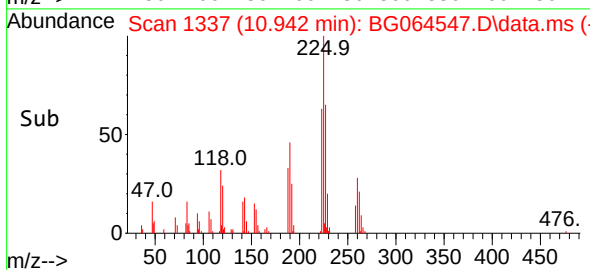
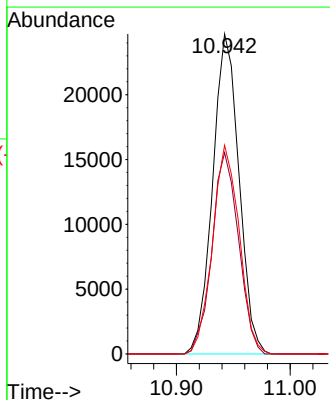
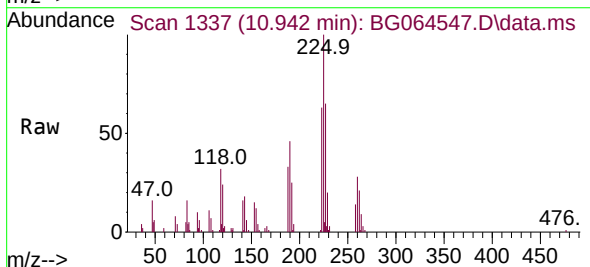
Manual Integrations
APPROVED

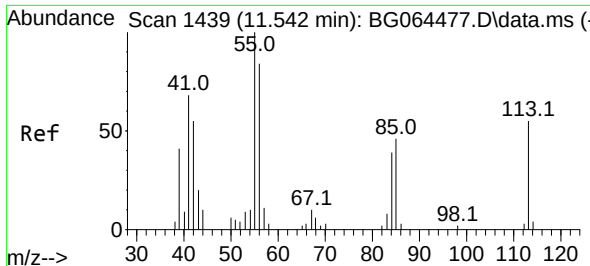
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#34
Hexachlorobutadiene
Concen: 44.321 ng
RT: 10.942 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:225 Resp: 39674
Ion Ratio Lower Upper
225 100
223 62.9 49.0 73.6
227 65.2 49.9 74.9





#35

Caprolactam

Concen: 42.243 ng

RT: 11.559 min Scan# 1439

Delta R.T. 0.049 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 1386

Ion Ratio Lower Upper

113 100

55 180.8 162.0 202.0

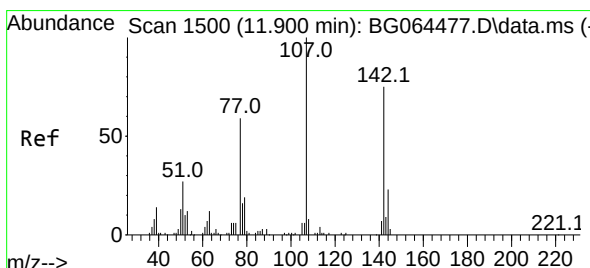
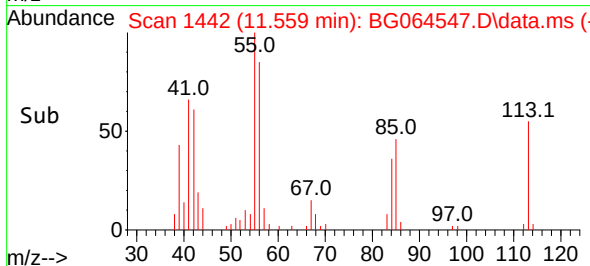
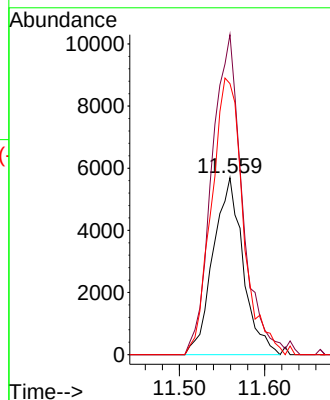
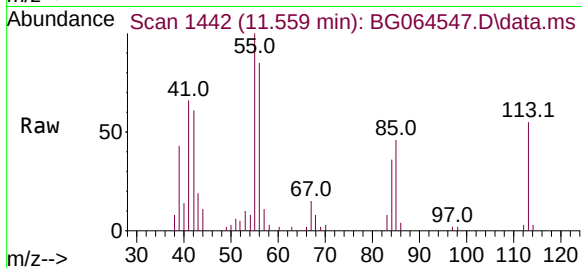
56 153.1 134.6 174.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#36

4-Chloro-3-methylphenol

Concen: 43.097 ng

RT: 11.906 min Scan# 1501

Delta R.T. 0.014 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

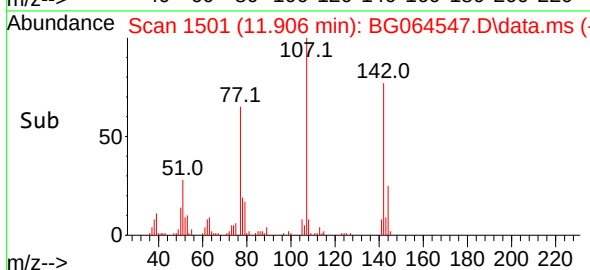
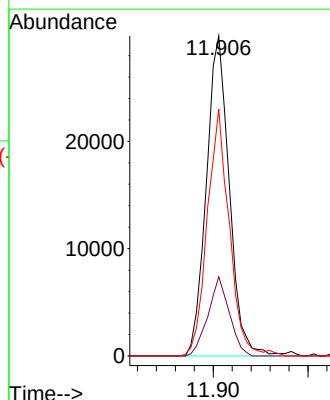
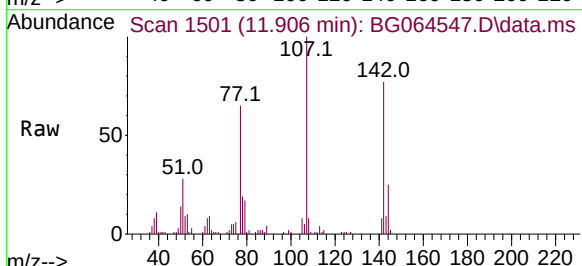
Tgt Ion:107 Resp: 50241

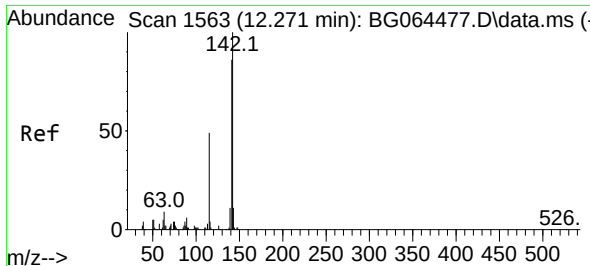
Ion Ratio Lower Upper

107 100

144 24.7 18.7 28.1

142 77.1 60.2 90.2





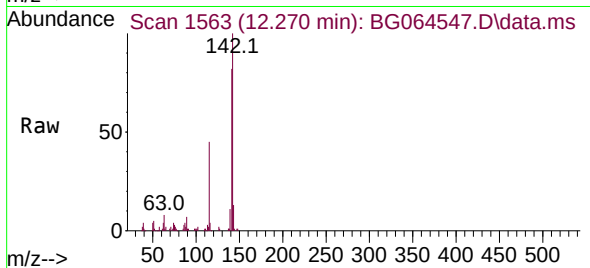
#37
2-Methylnaphthalene
Concen: 42.584 ng
RT: 12.270 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

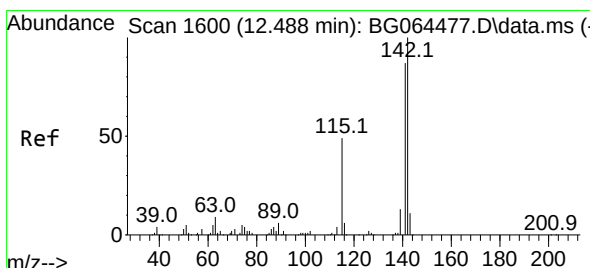
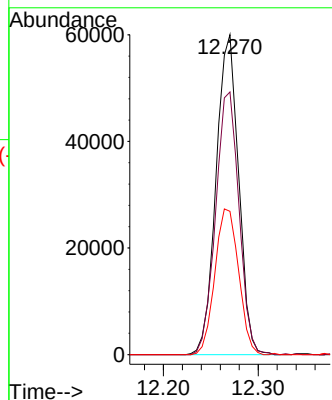
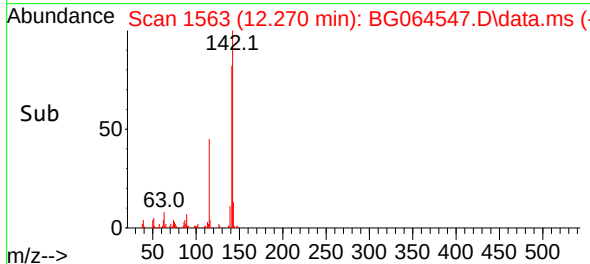
SSTDCCC040



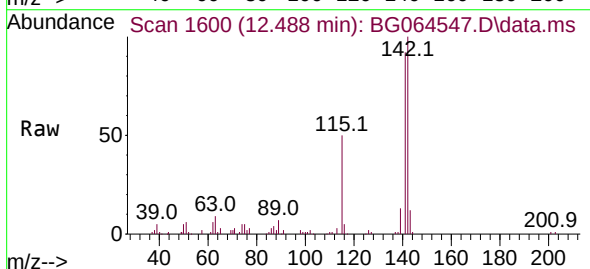
Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.1	68.7	103.1
115	44.8	39.3	58.9

Manual Integrations
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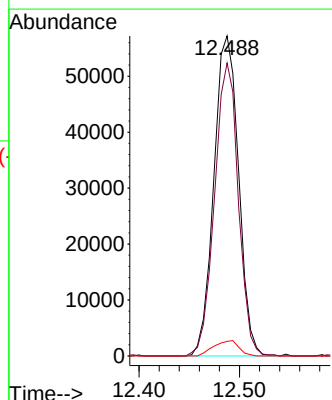
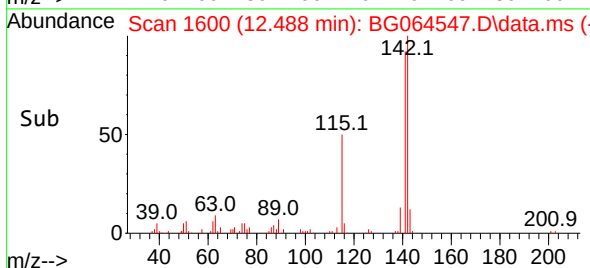
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

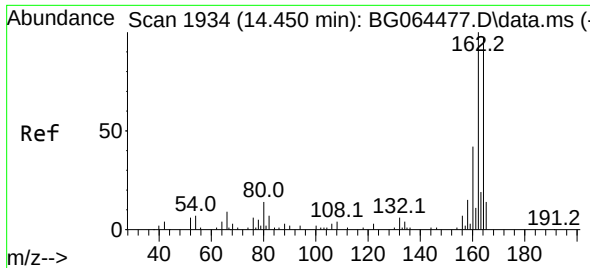


#38
1-Methylnaphthalene
Concen: 42.182 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	69.8	104.8
116	4.5	4.6	6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.444 min Scan# 1934

Delta R.T. -0.004 min

Lab File: BG064547.D

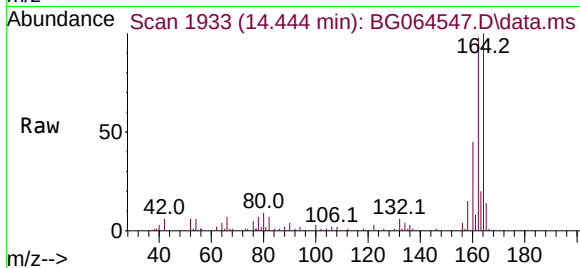
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 45965

Ion Ratio Lower Upper

164 100

162 98.1 82.2 123.2

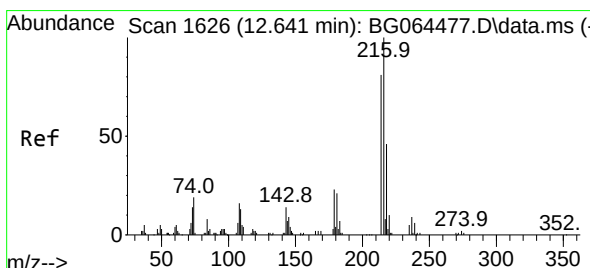
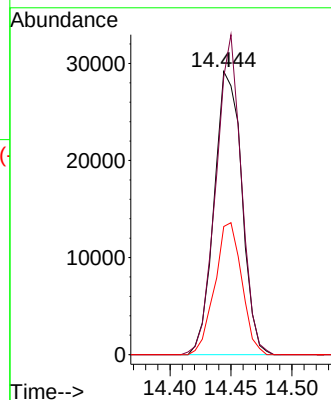
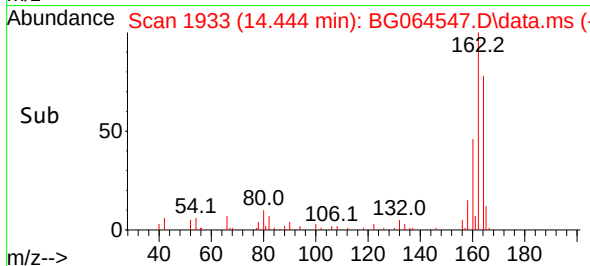
160 45.3 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

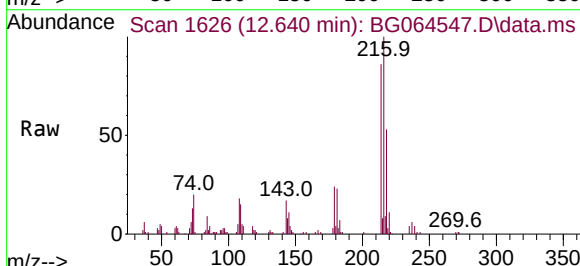
Concen: 41.420 ng

RT: 12.640 min Scan# 1626

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44



Tgt Ion:216 Resp: 61472

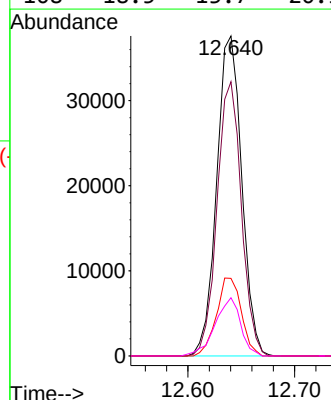
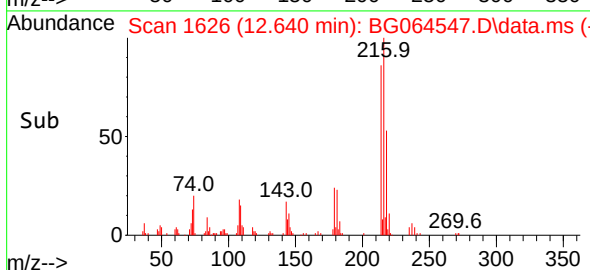
Ion Ratio Lower Upper

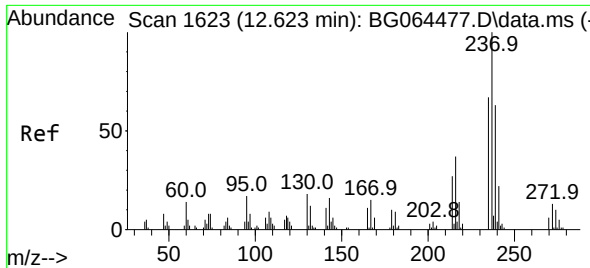
216 100

214 83.0 62.5 93.7

179 24.2 17.0 25.6

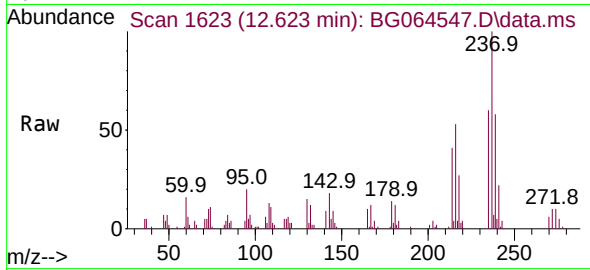
108 18.5 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 45.006 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

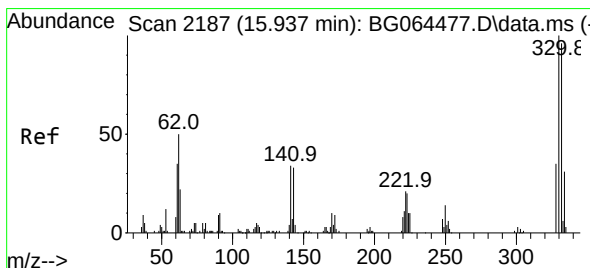
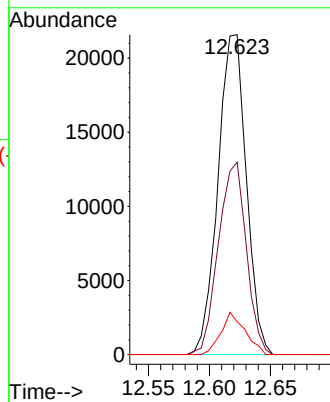
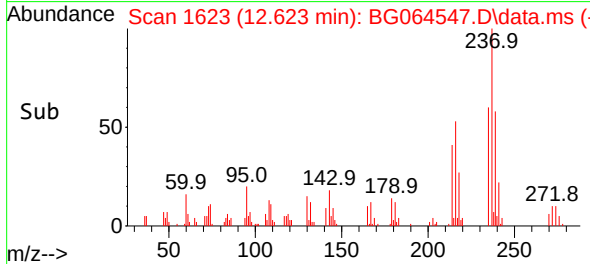
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



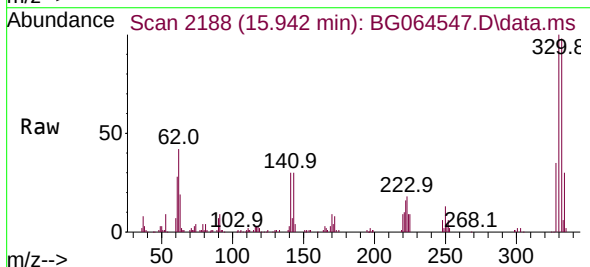
Tgt Ion: 237 Resp: 34940
Ion Ratio Lower Upper
237 100
235 60.1 46.9 86.9
272 10.3 0.0 32.6

Manual Integrations
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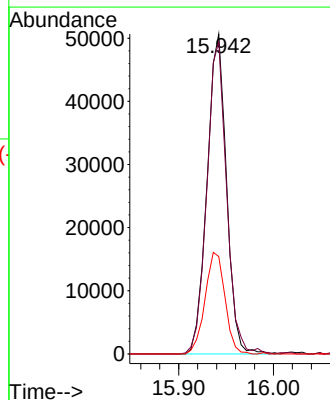
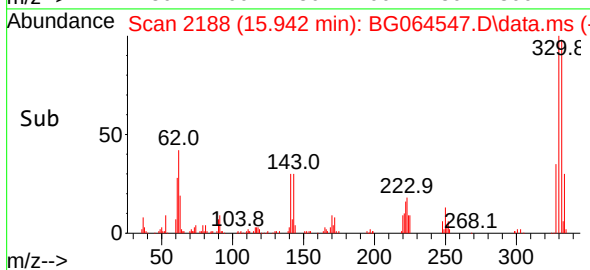
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

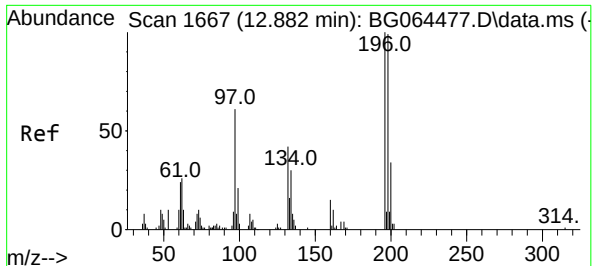


#42
2,4,6-Tribromophenol
Concen: 86.640 ng
RT: 15.942 min Scan# 2188
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion: 330 Resp: 72187
Ion Ratio Lower Upper
330 100
332 98.9 77.4 116.0
141 32.5 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 45.612 ng m

RT: 12.887 min Scan# 1667

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

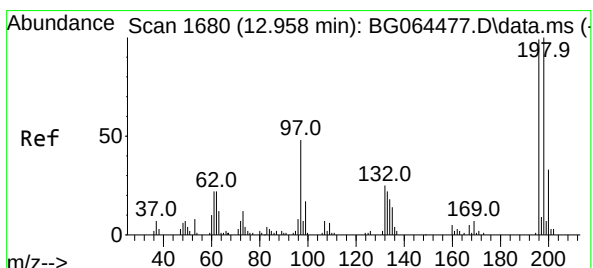
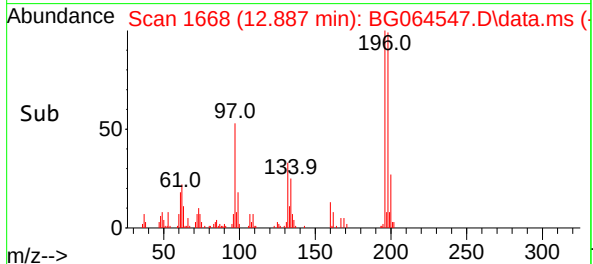
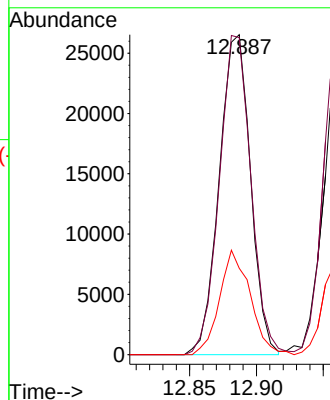
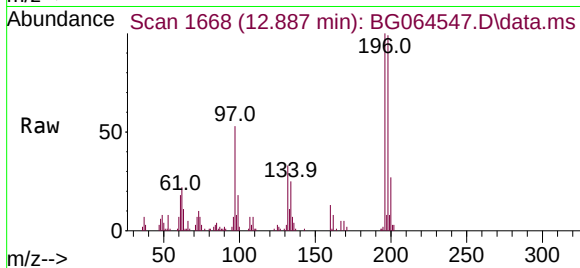
Tgt Ion:196	Resp:	43274
Ion Ratio	Lower	Upper
196	100	
198	99.1	79.3 118.9
200	27.0	27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#44

2,4,5-Trichlorophenol

Concen: 42.137 ng

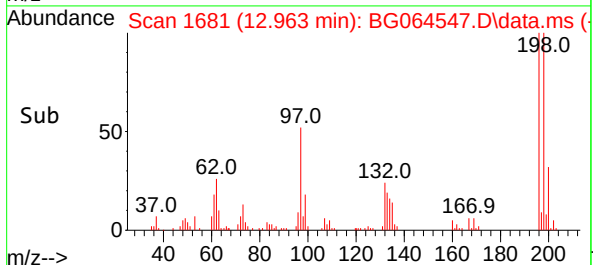
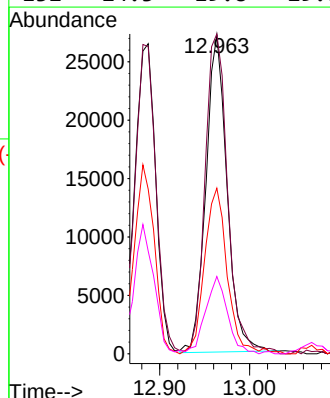
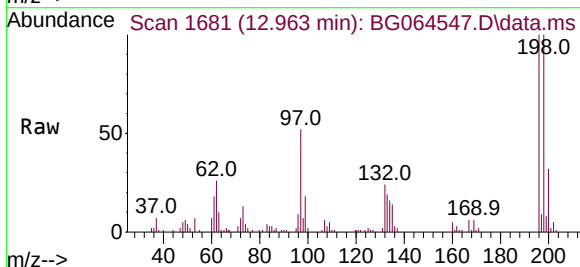
RT: 12.963 min Scan# 1681

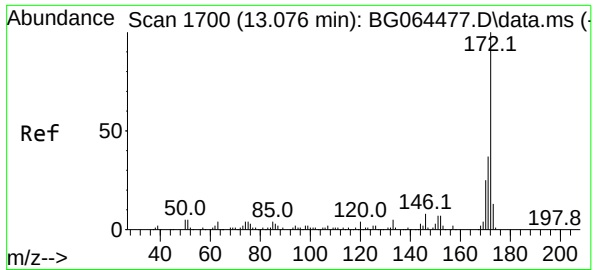
Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

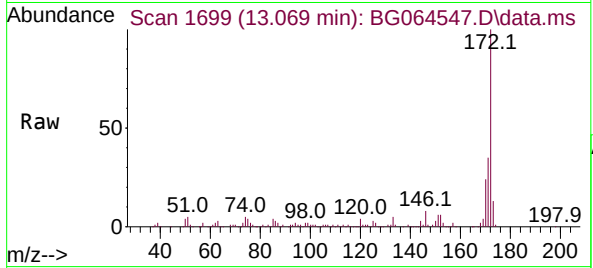
Tgt Ion:196	Resp:	44631
Ion Ratio	Lower	Upper
196	100	
198	100.4	80.3 120.5
97	52.0	39.4 59.0
132	24.3	19.8 29.8





#45
2-Fluorobiphenyl
Concen: 85.677 ng
RT: 13.069 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

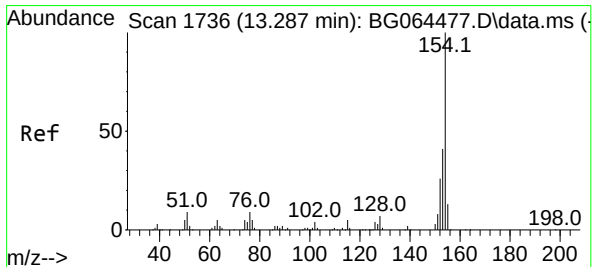
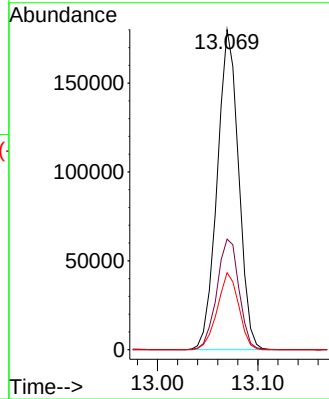
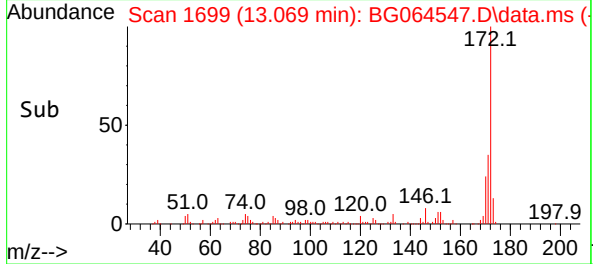
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



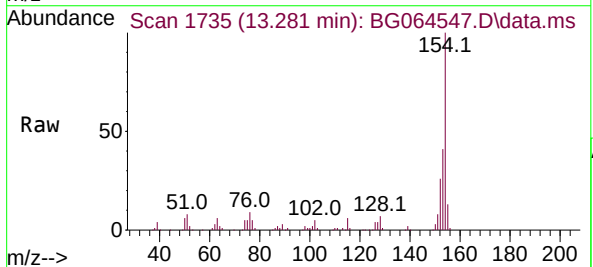
Tgt Ion:172 Resp: 267175
Ion Ratio Lower Upper
172 100
171 34.5 29.6 44.4
170 24.0 20.2 30.2

Manual Integrations
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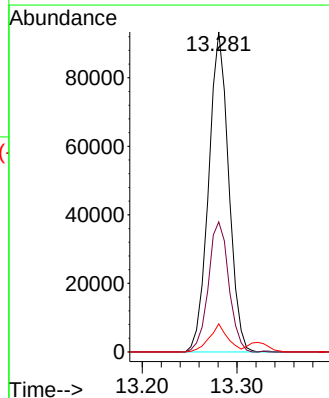
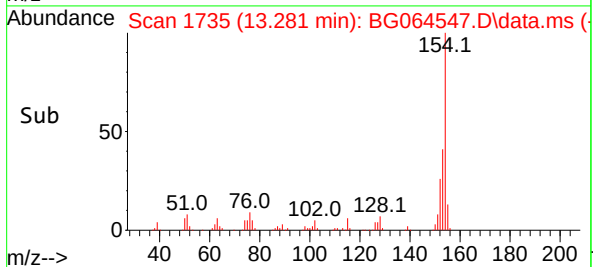
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

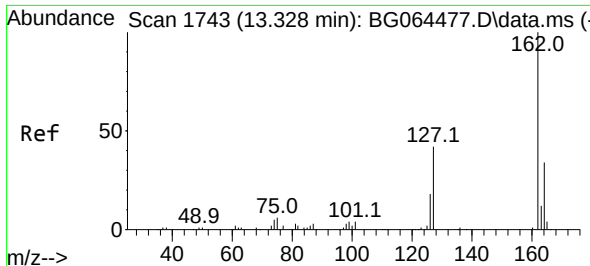


#46
1,1'-Biphenyl
Concen: 41.504 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:154 Resp: 137212
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 8.8 0.0 29.3





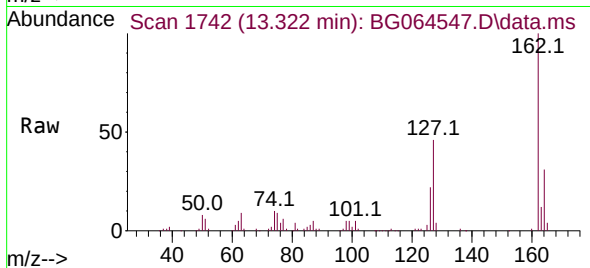
#47
2-Chloronaphthalene
Concen: 42.313 ng
RT: 13.322 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



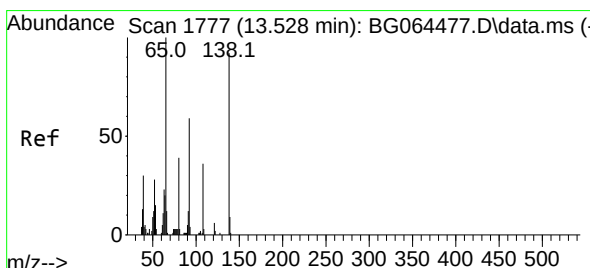
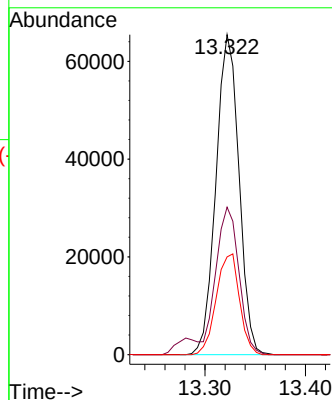
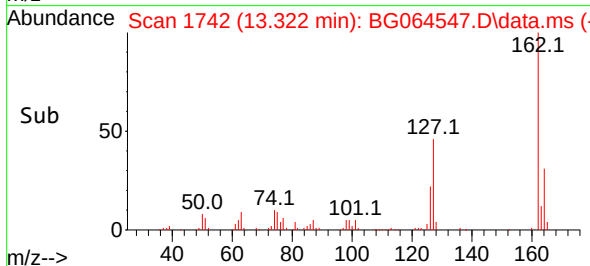
Tgt Ion:162 Resp: 104440
Ion Ratio Lower Upper
162 100
127 46.1 35.8 53.8
164 30.5 27.2 40.8

Manual Integrations

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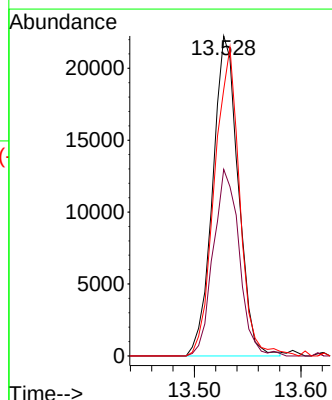
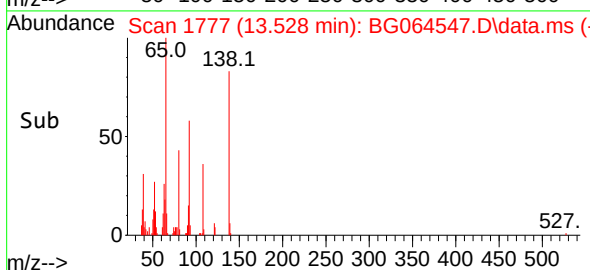
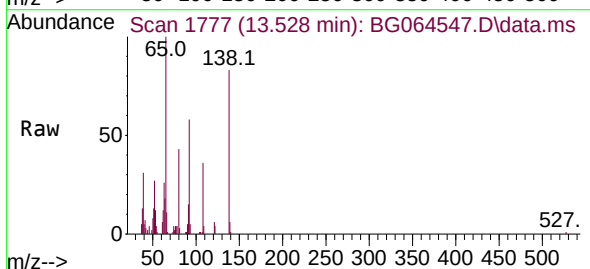
Reviewed By :Rahul Chavli 10/21/2025

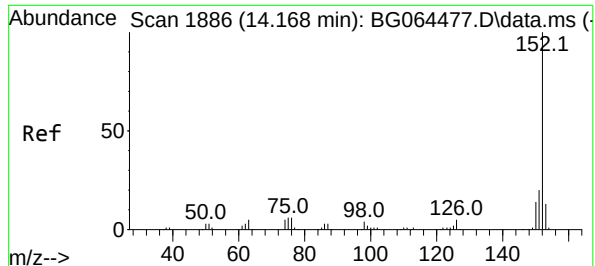
Supervised By :Jagrut Upadhyay 10/21/2025



#48
2-Nitroaniline
Concen: 44.061 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 65 Resp: 37118
Ion Ratio Lower Upper
65 100
92 58.3 47.0 70.6
138 83.2 73.5 110.3





#49

Acenaphthylene

Concen: 43.163 ng

RT: 14.168 min Scan# 1886

Delta R.T. -0.004 min

Lab File: BG064547.D

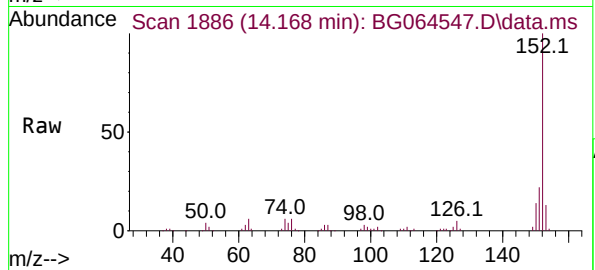
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTCCCC040



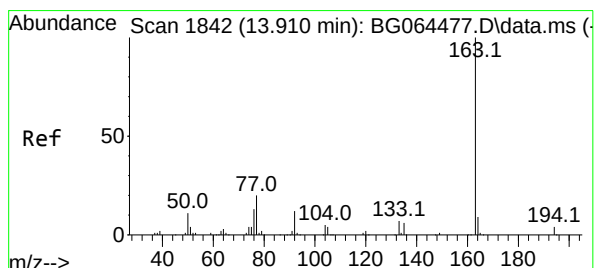
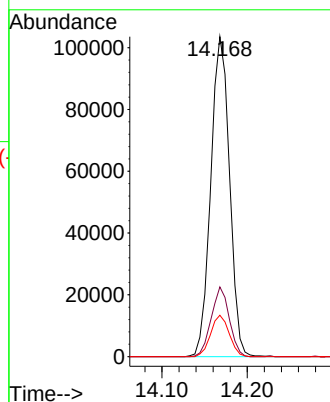
Tgt Ion:	152	Resp:	158153
Ion Ratio	Lower	Upper	
152	100		
151	21.8	15.8	23.6
153	12.9	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#50

Dimethylphthalate

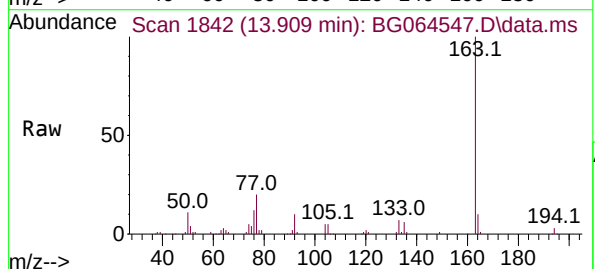
Concen: 42.222 ng

RT: 13.909 min Scan# 1842

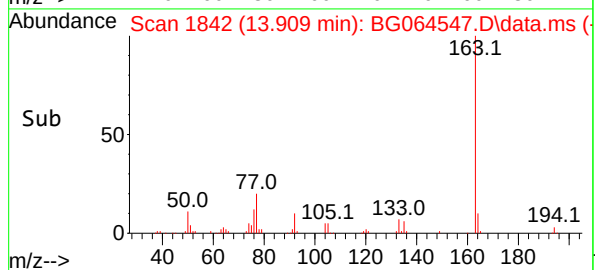
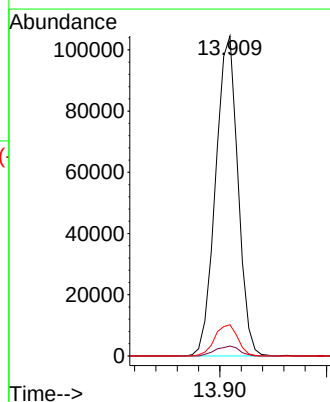
Delta R.T. 0.008 min

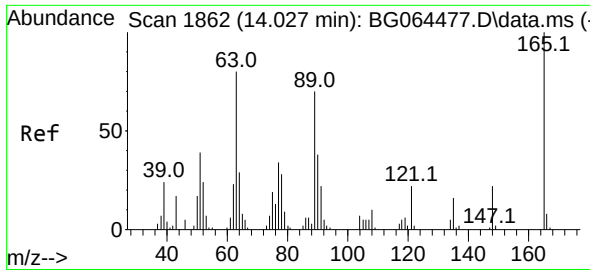
Lab File: BG064547.D

Acq: 20 Oct 2025 12:44



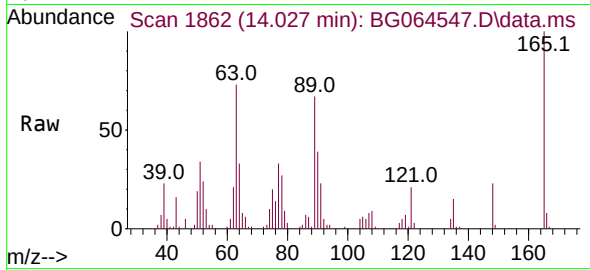
Tgt Ion:	163	Resp:	152000
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.9	4.3
164	9.7	7.4	11.0





#51
2,6-Dinitrotoluene
Concen: 42.820 ng
RT: 14.027 min Scan# 1862
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

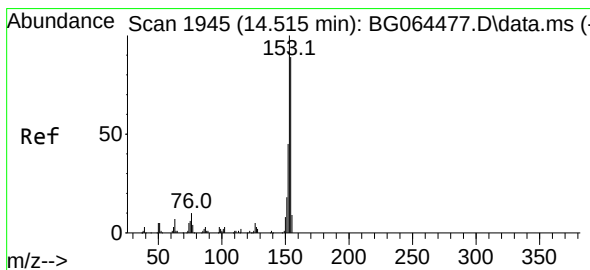
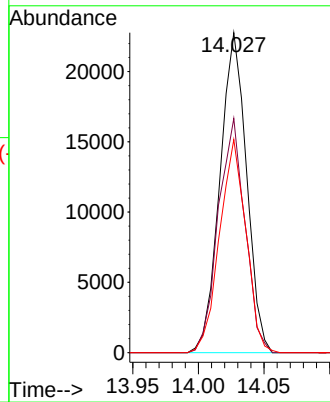
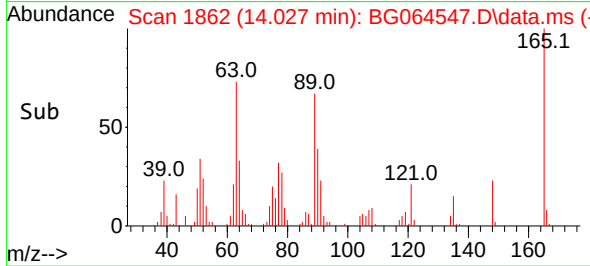
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 32112
Ion Ratio Lower Upper
165 100
63 73.2 63.9 95.9
89 66.6 56.1 84.1

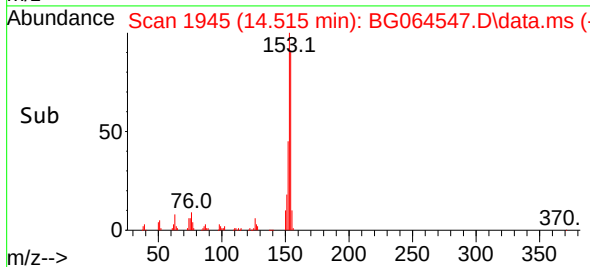
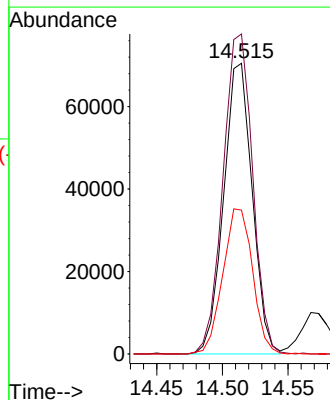
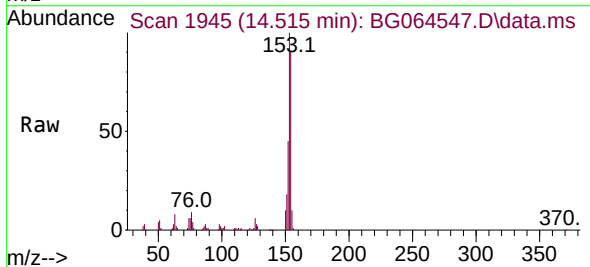
Manual Integrations
APPROVED

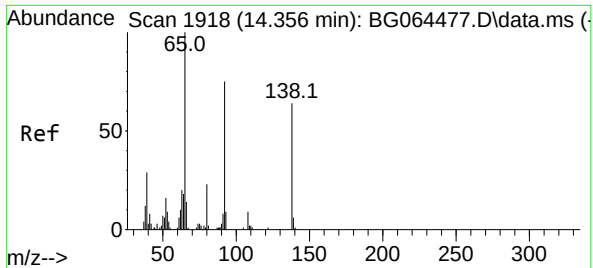
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#52
Acenaphthene
Concen: 41.898 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

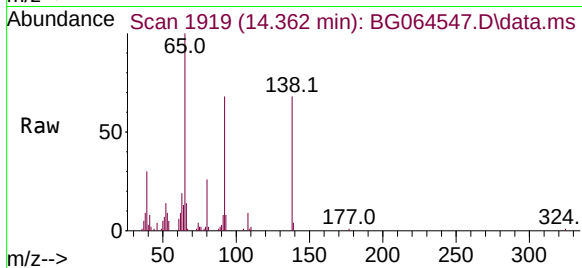
Tgt Ion:154 Resp: 106658
Ion Ratio Lower Upper
154 100
153 110.1 90.2 135.4
152 49.5 40.2 60.4





#53
3-Nitroaniline
Concen: 41.972 ng
RT: 14.362 min Scan# 1918
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

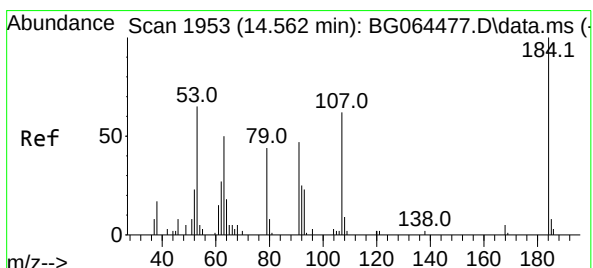
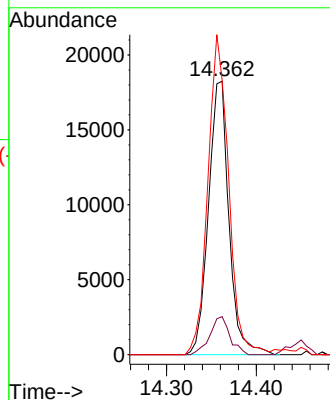
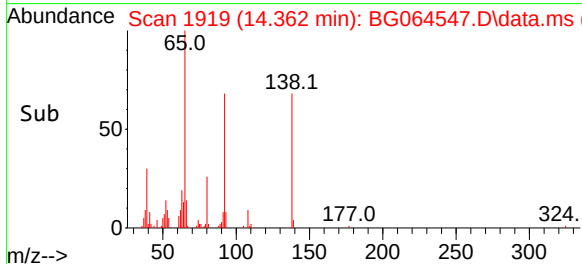
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 29028
Ion Ratio Lower Upper
138 100
108 13.9 10.6 15.8
92 100.5 93.2 139.8

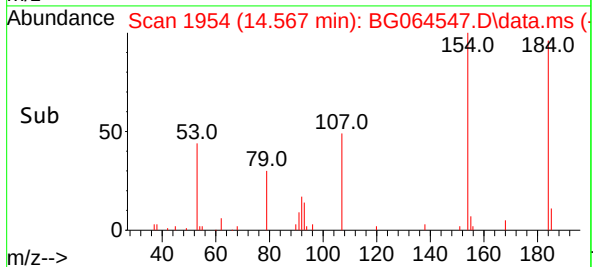
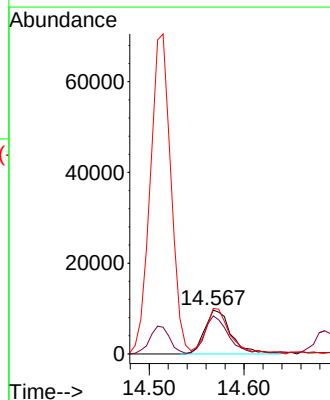
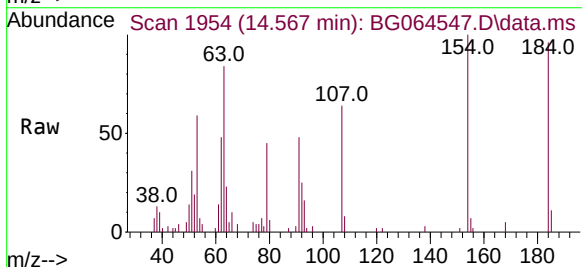
Manual Integrations
APPROVED

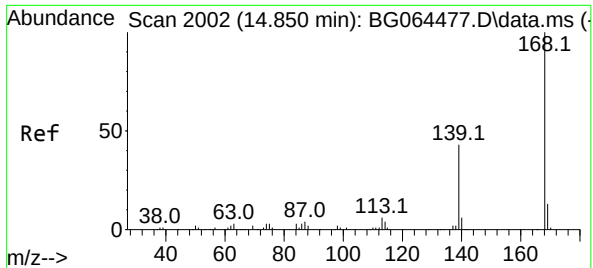
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#54
2,4-Dinitrophenol
Concen: 33.990 ng
RT: 14.567 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

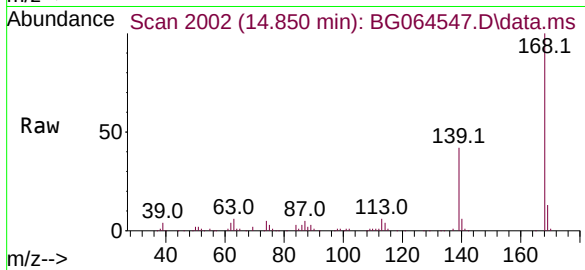
Tgt Ion:184 Resp: 18483
Ion Ratio Lower Upper
184 100
63 87.0 69.0 103.4
154 104.0 95.6 143.4





#55
Dibenzenofuran
Concen: 42.794 ng
RT: 14.850 min Scan# 2002
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

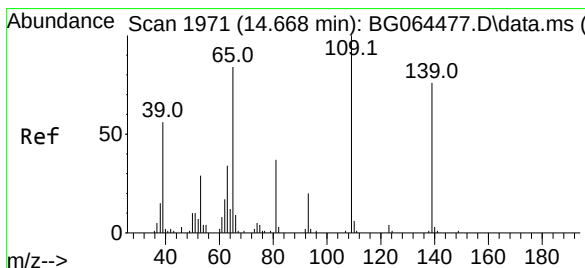
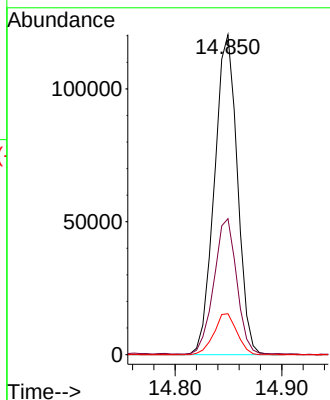
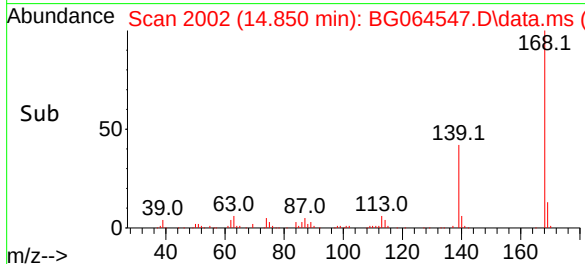
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



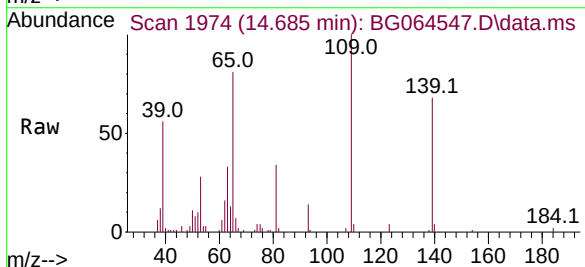
Tgt Ion:168 Resp: 17987
Ion Ratio Lower Upper
168 100
139 42.5 34.0 51.0
169 12.8 10.2 15.2

Manual Integrations
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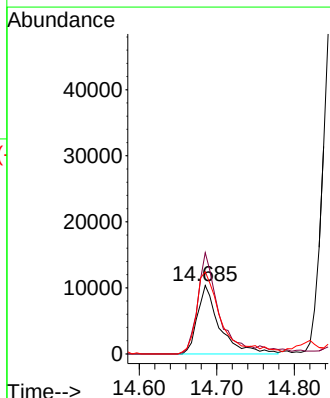
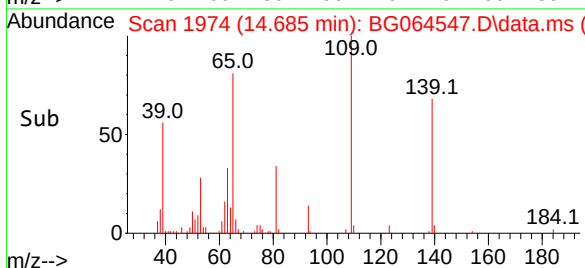
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

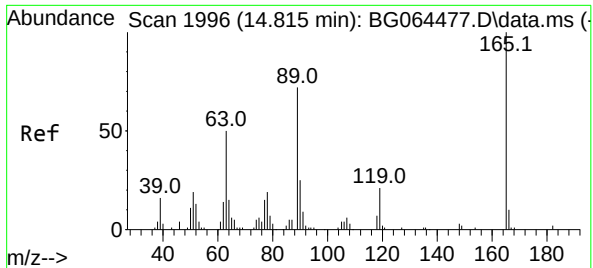


#56
4-Nitrophenol
Concen: 37.784 ng
RT: 14.685 min Scan# 1974
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



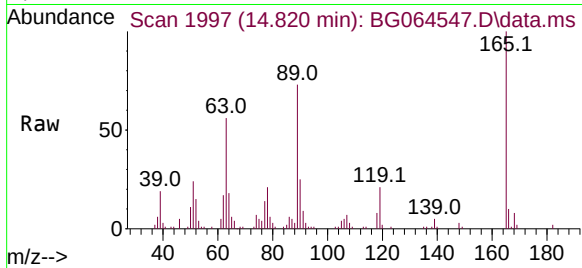
Tgt Ion:139 Resp: 20574
Ion Ratio Lower Upper
139 100
109 148.0 111.8 151.8
65 120.2 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 42.271 ng
RT: 14.820 min Scan# 1996
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

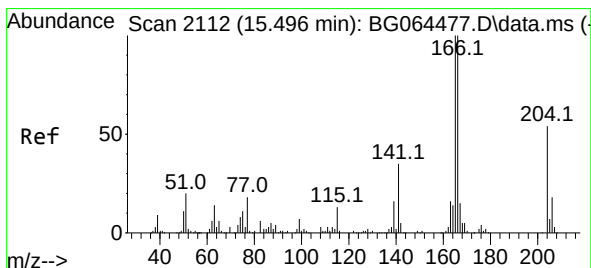
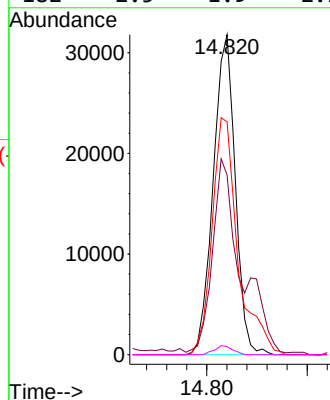
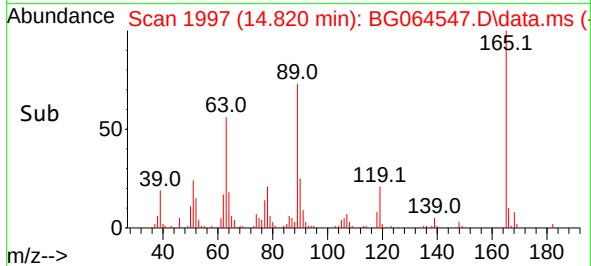
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 48459
Ion Ratio Lower Upper
165 100
63 56.1 40.4 60.6
89 72.7 57.3 85.9
182 2.5 1.9 2.9

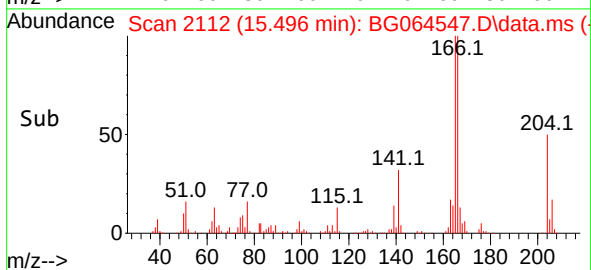
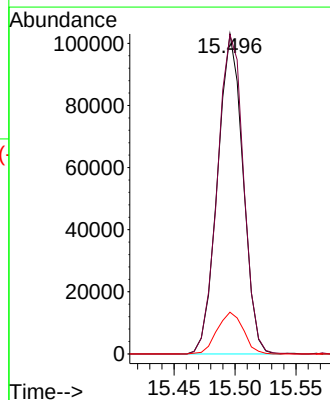
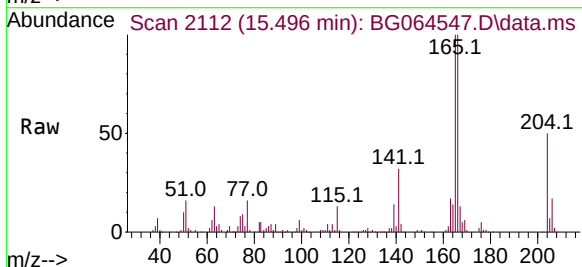
Manual Integrations
APPROVED

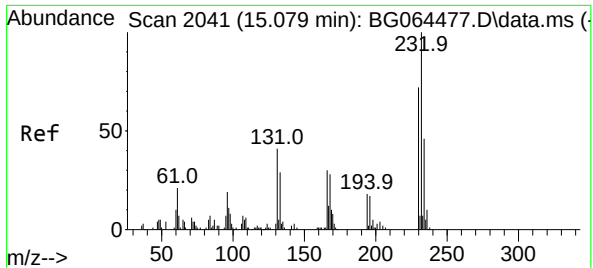
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#58
Fluorene
Concen: 42.692 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

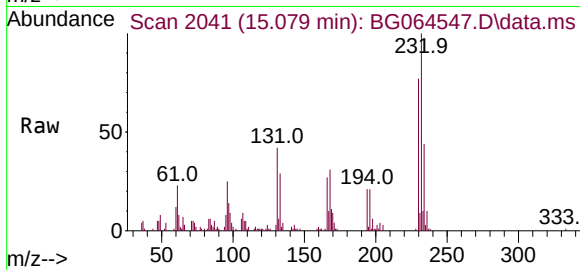
Tgt Ion:166 Resp: 149180
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.6
167 13.0 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.129 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

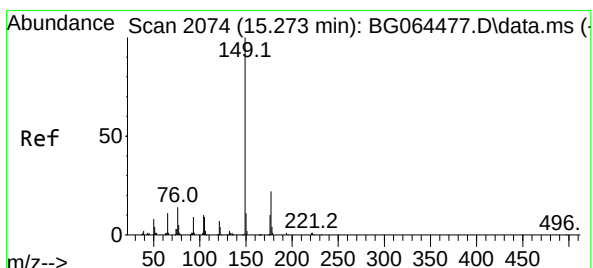
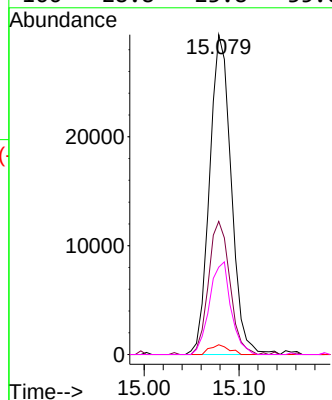
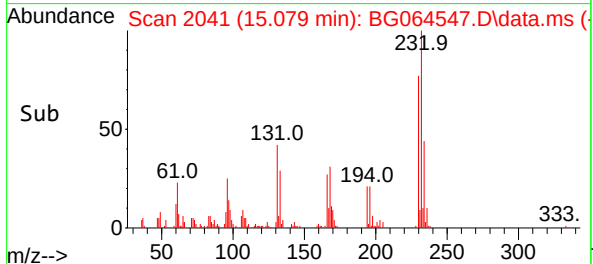
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



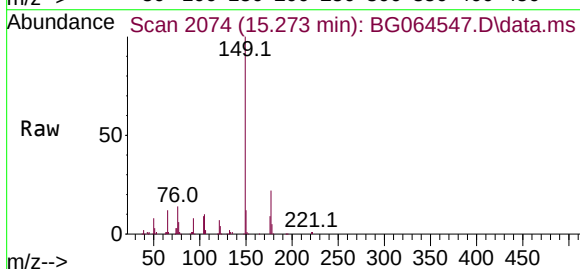
Tgt Ion:232 Resp: 4662
Ion Ratio Lower Upper
232 100
131 41.3 35.0 52.4
130 2.7 2.0 3.0
166 28.8 23.8 35.6

Manual Integrations
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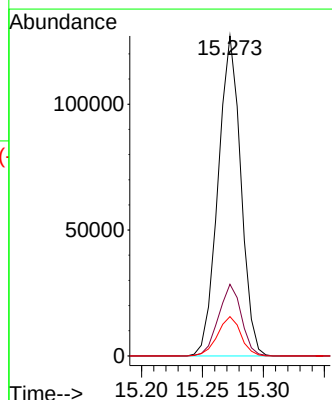
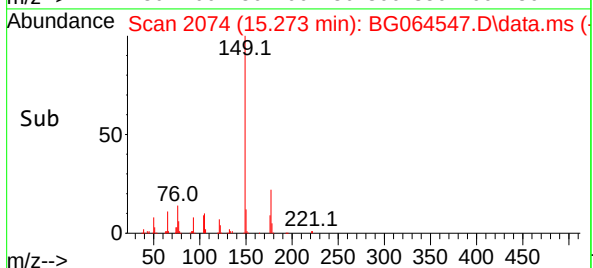
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

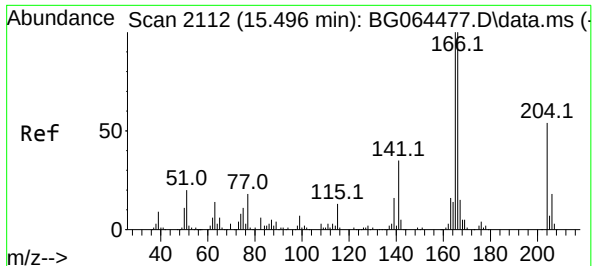


#60
Diethylphthalate
Concen: 42.669 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



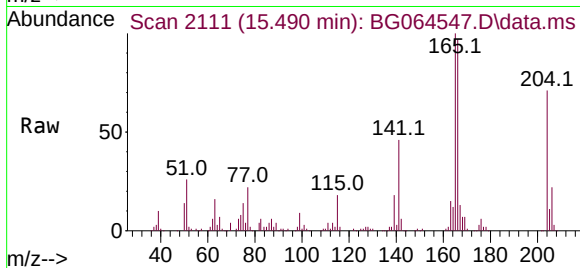
Tgt Ion:149 Resp: 164785
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.0
150 12.3 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 42.549 ng
RT: 15.490 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

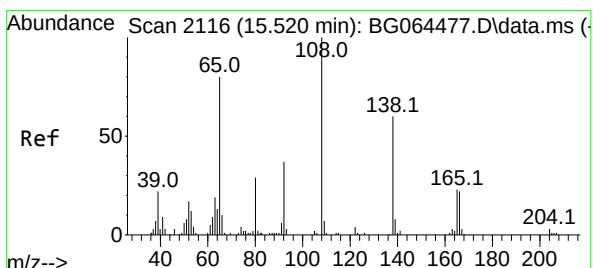
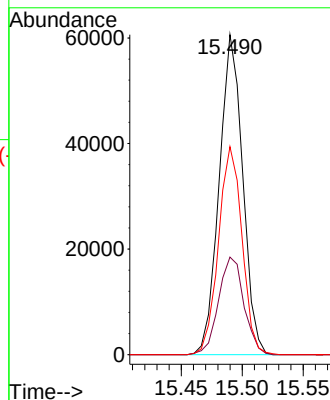
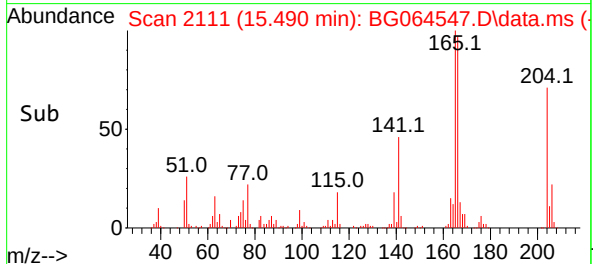
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 81176
Ion Ratio Lower Upper
204 100
206 30.5 27.1 40.7
141 65.0 51.5 77.3

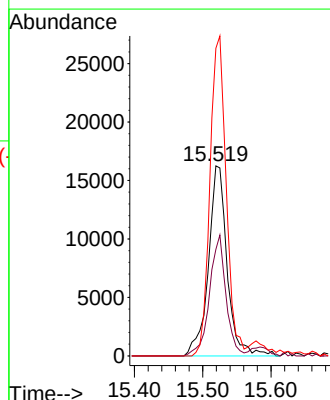
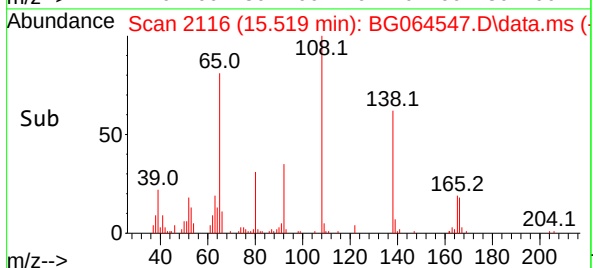
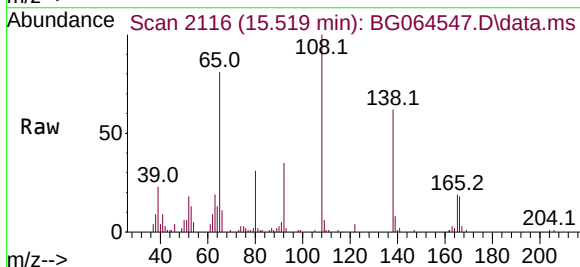
Manual Integrations
APPROVED

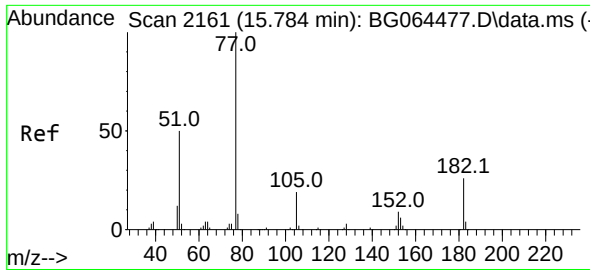
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#62
4-Nitroaniline
Concen: 43.111 ng
RT: 15.519 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

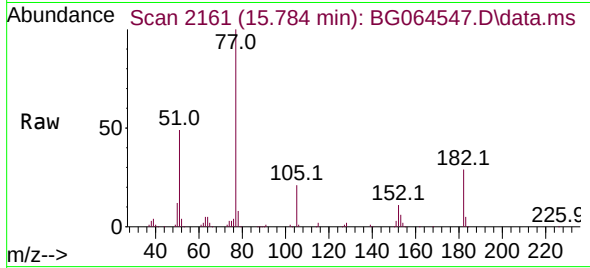
Tgt Ion:138 Resp: 31076
Ion Ratio Lower Upper
138 100
92 56.0 42.3 82.3
108 161.8 147.7 187.7





#63
Azobenzene
Concen: 41.425 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

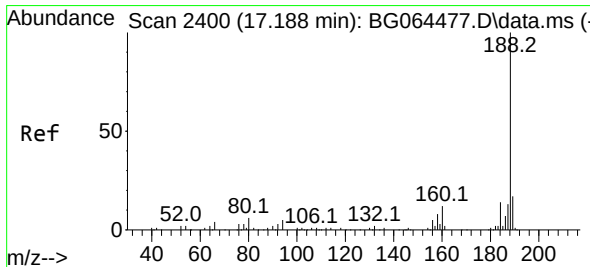
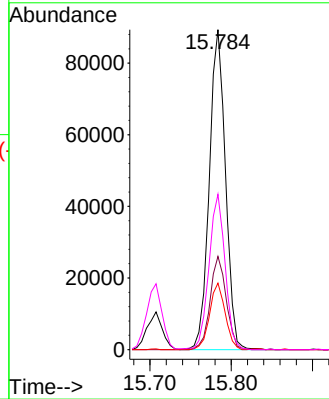
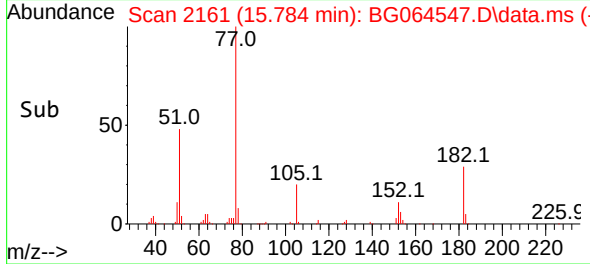
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 123898
Ion Ratio Lower Upper
77 100
182 29.1 6.3 46.3
105 20.8 0.0 38.7
51 48.5 30.3 70.3

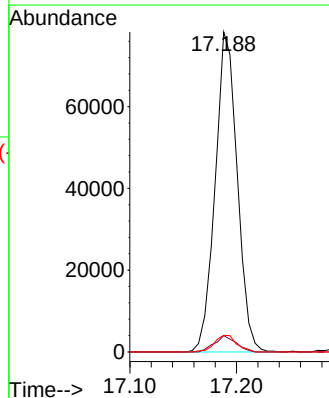
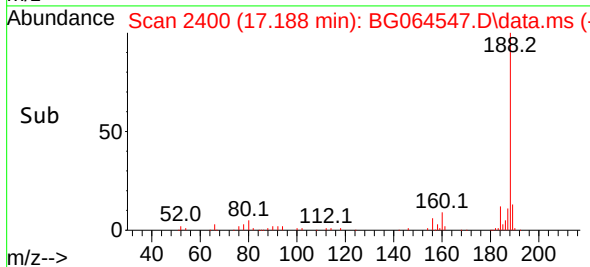
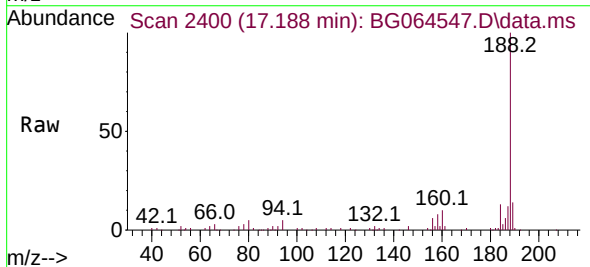
Manual Integrations
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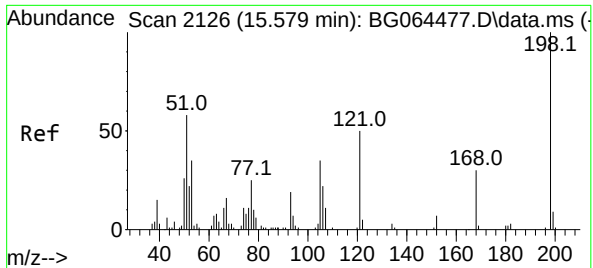
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

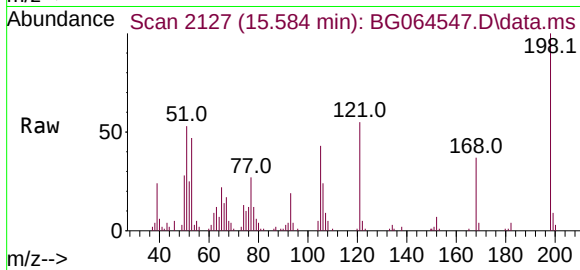
Tgt Ion:188 Resp: 112639
Ion Ratio Lower Upper
188 100
94 5.1 3.7 5.5
80 5.2 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.746 ng
RT: 15.584 min Scan# 2126
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

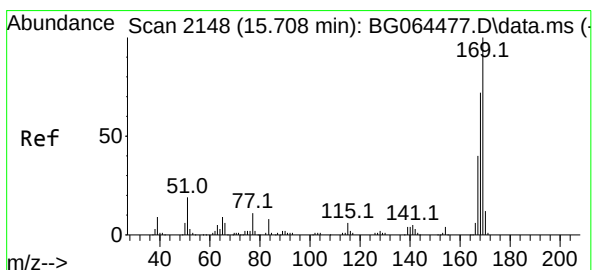
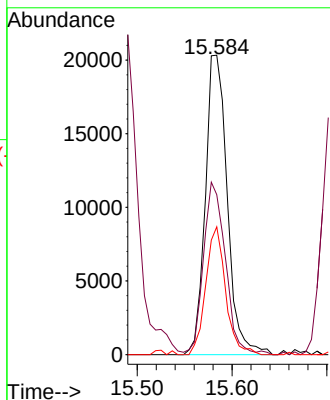
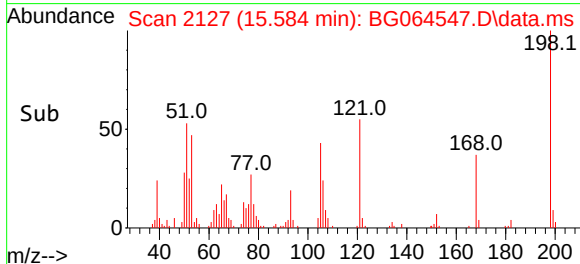
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 32740
Ion Ratio Lower Upper
198 100
51 53.4 39.0 79.0
105 42.6 15.8 55.8

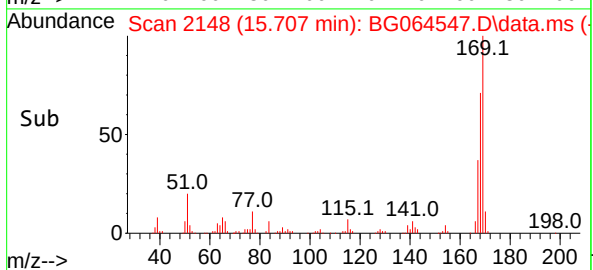
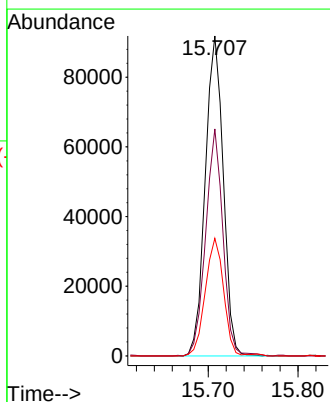
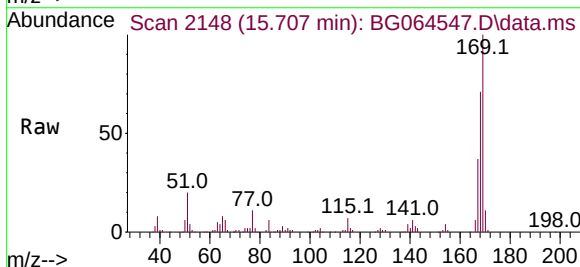
Manual Integrations
APPROVED

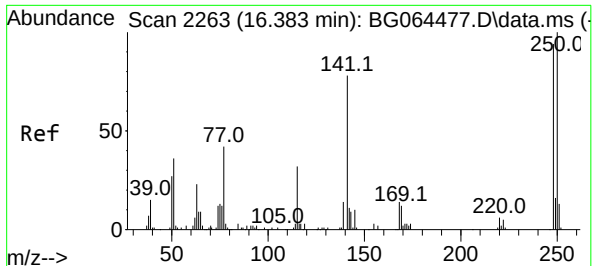
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#66
n-Nitrosodiphenylamine
Concen: 42.507 ng
RT: 15.707 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

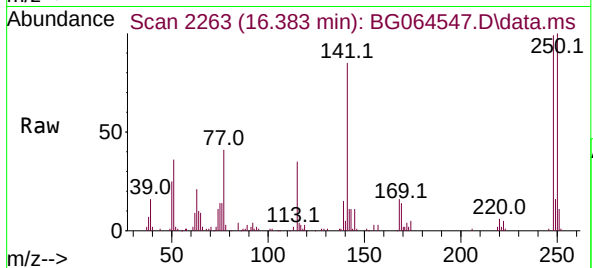
Tgt Ion:169 Resp: 127857
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 36.7 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 43.046 ng
RT: 16.383 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

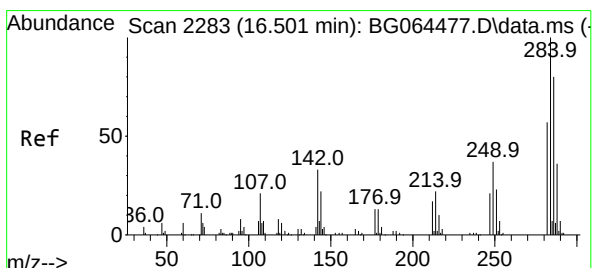
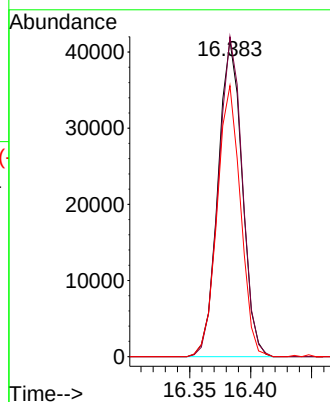
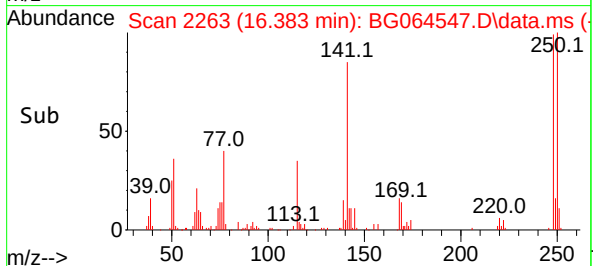
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



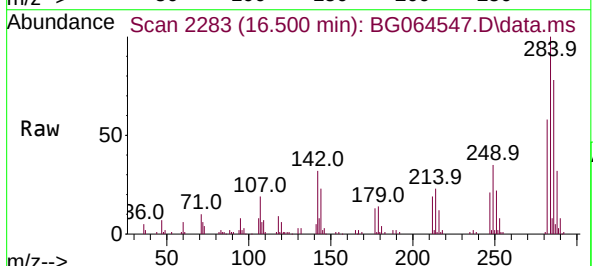
Tgt Ion:248 Resp: 5705
Ion Ratio Lower Upper
248 100
250 101.3 85.3 127.9
141 85.8 66.2 99.2

Manual Integrations
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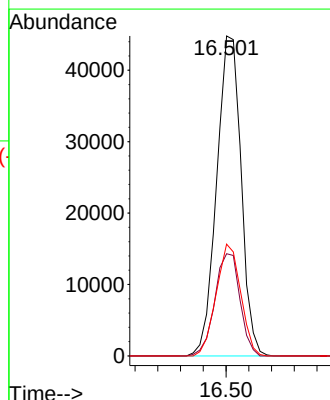
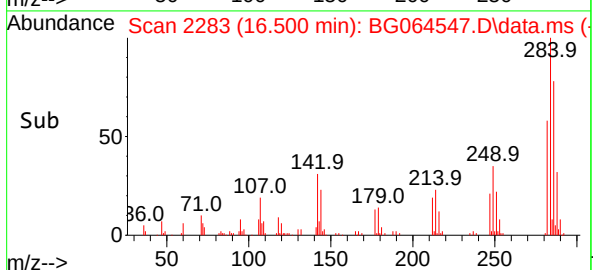
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

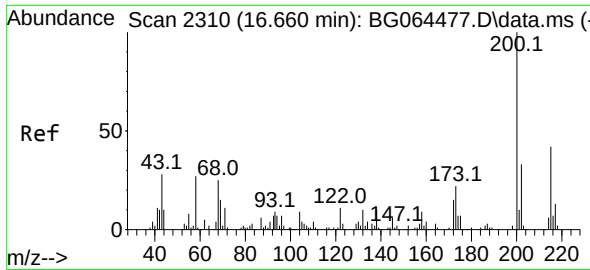


#68
Hexachlorobenzene
Concen: 43.997 ng
RT: 16.500 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:284 Resp: 66733
Ion Ratio Lower Upper
284 100
142 31.9 26.2 39.2
249 34.9 29.4 44.0





#69

Atrazine

Concen: 40.416 ng

RT: 16.659 min Scan# 2310

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

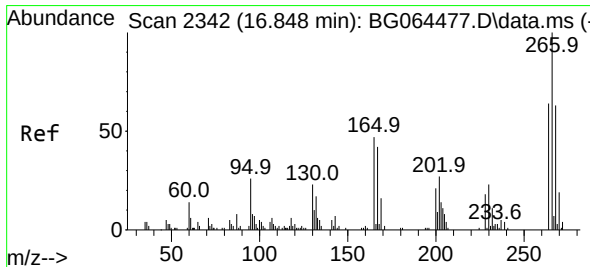
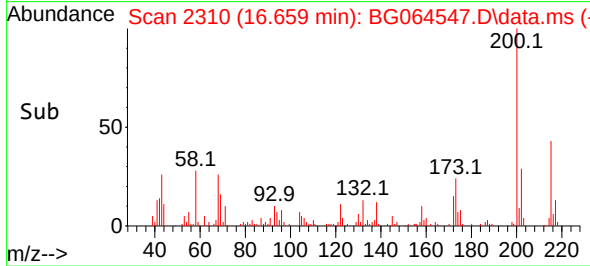
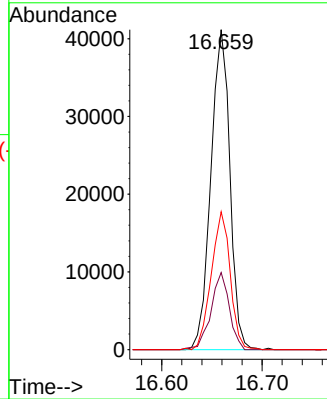
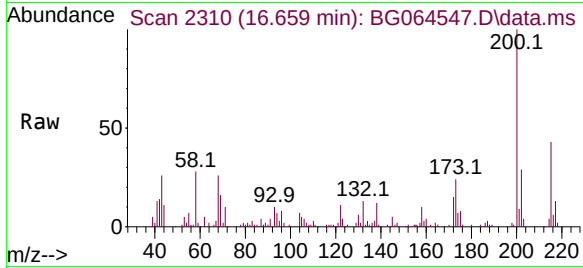
Tgt Ion:200	Resp: 54086
Ion Ratio	Lower Upper
200 100	
173 24.1	2.5 42.5
215 43.1	21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#70

Pentachlorophenol

Concen: 42.817 ng

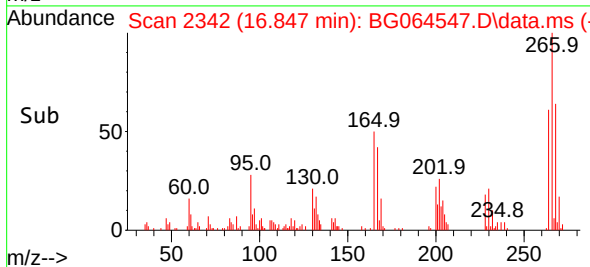
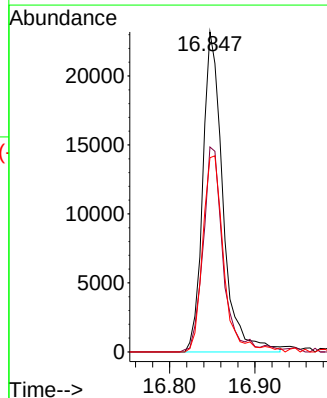
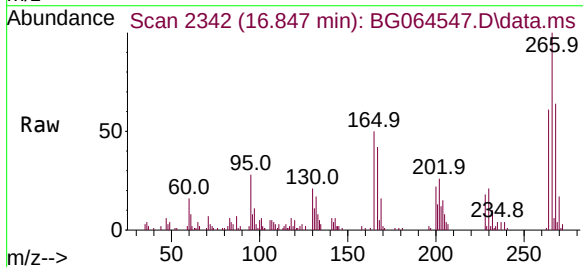
RT: 16.847 min Scan# 2342

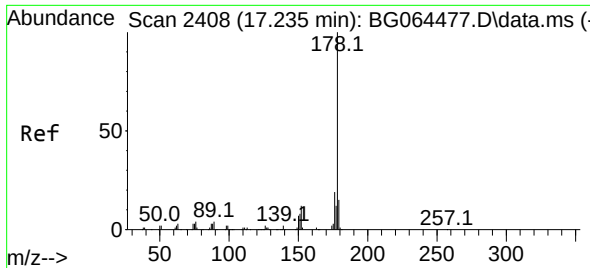
Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

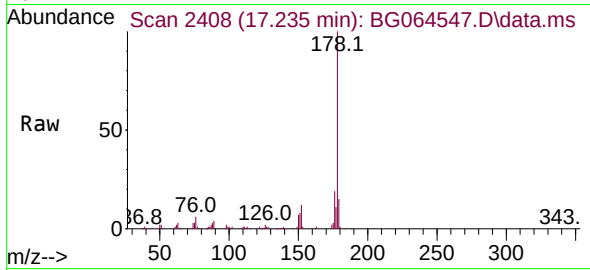
Tgt Ion:266	Resp: 37971
Ion Ratio	Lower Upper
266 100	
268 64.0	50.6 75.8
264 60.7	51.2 76.8





#71
Phenanthrene
Concen: 42.087 ng
RT: 17.235 min Scan# 2408
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

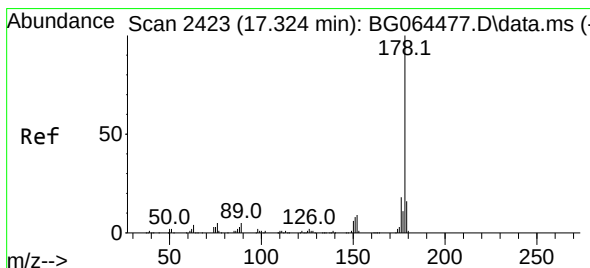
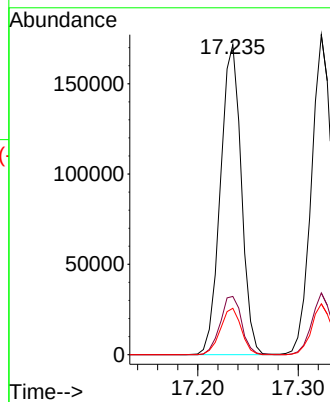
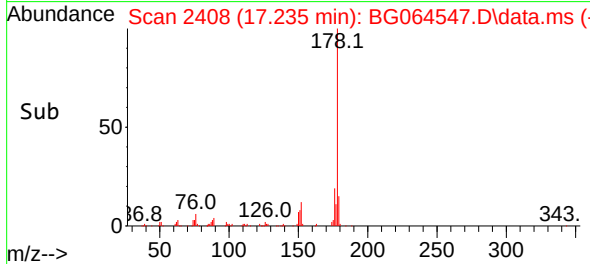
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 247916
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 14.9 11.8 17.6

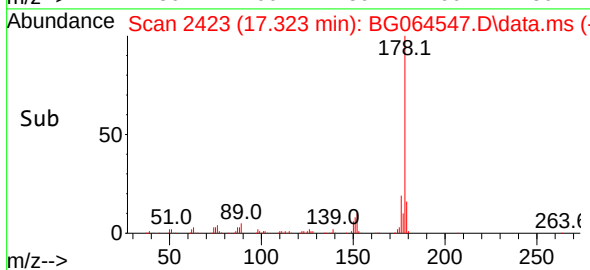
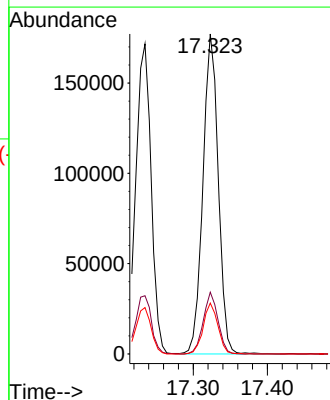
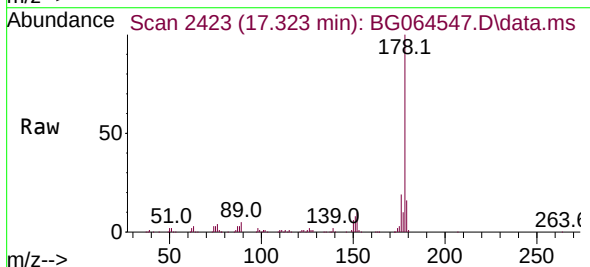
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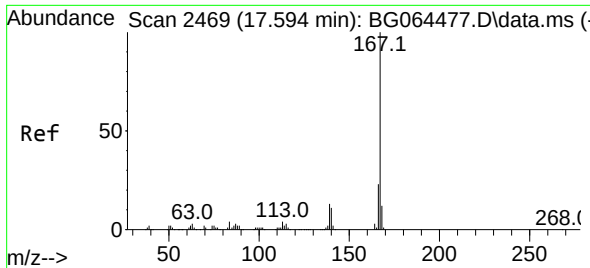
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#72
Anthracene
Concen: 43.067 ng
RT: 17.323 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

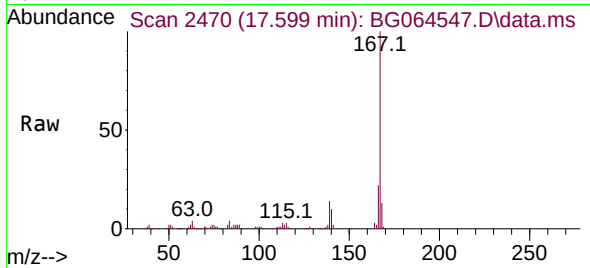
Tgt Ion:178 Resp: 254501
Ion Ratio Lower Upper
178 100
176 19.3 14.6 21.8
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 42.326 ng
 RT: 17.599 min Scan# 2469
 Delta R.T. 0.008 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

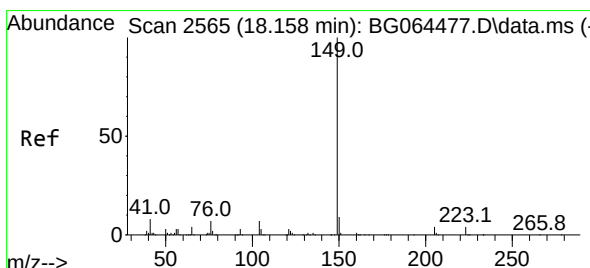
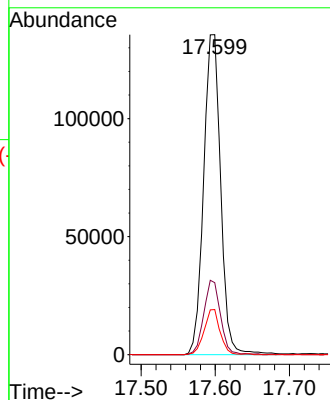
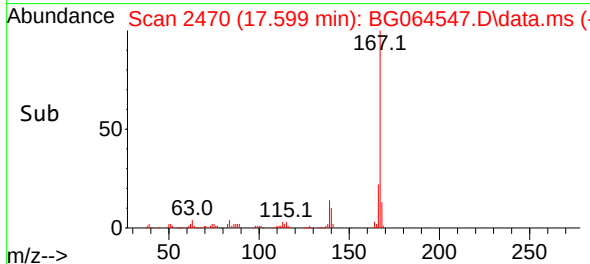
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



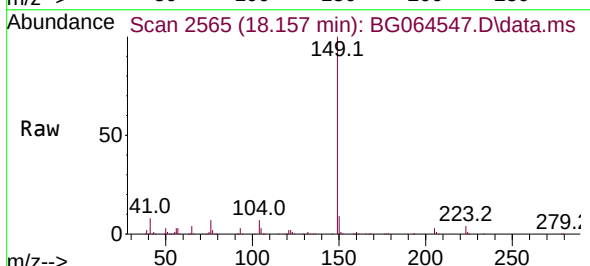
Tgt Ion:167 Resp: 216198
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.6 27.8
 139 14.1 10.2 15.4

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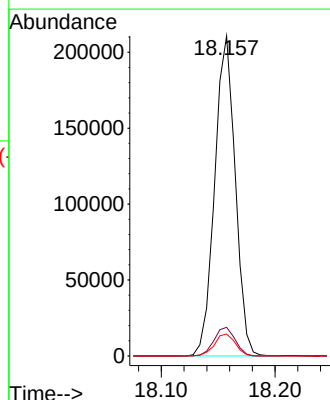
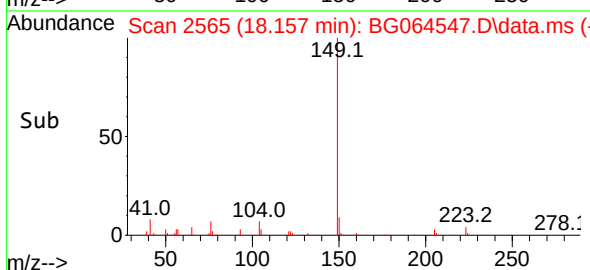
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

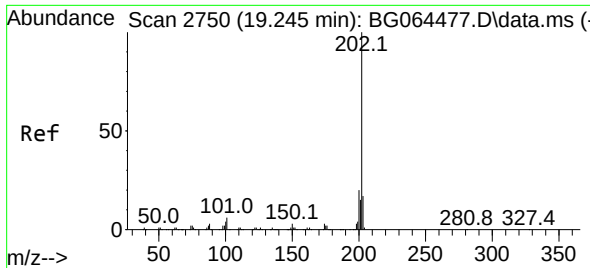


#74
 Di-n-butylphthalate
 Concen: 42.433 ng
 RT: 18.157 min Scan# 2565
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44



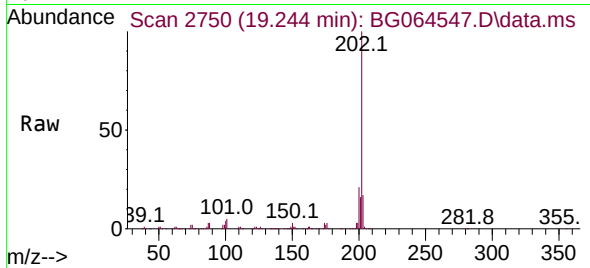
Tgt Ion:149 Resp: 264589
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 6.8 5.3 7.9





#75
Fluoranthene
Concen: 41.884 ng
RT: 19.244 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

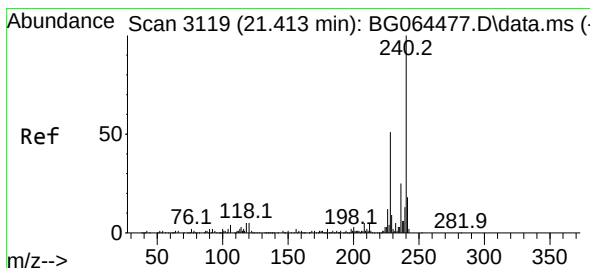
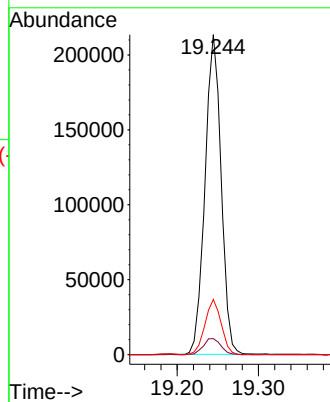
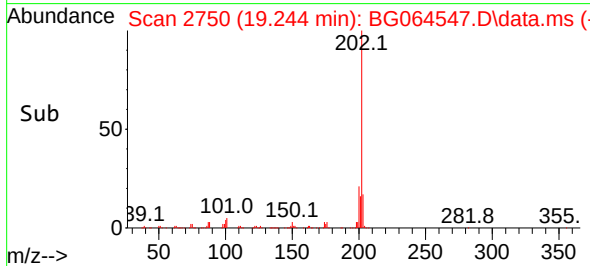
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 29474
Ion Ratio Lower Upper
202 100
101 5.0 0.0 25.7
203 17.2 0.0 36.6

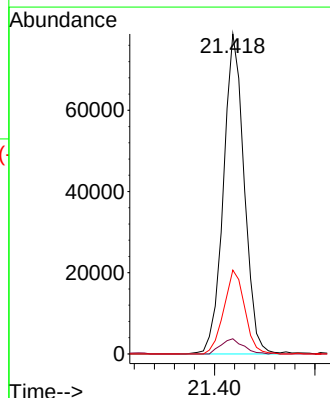
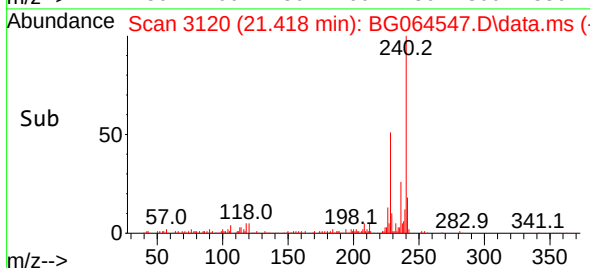
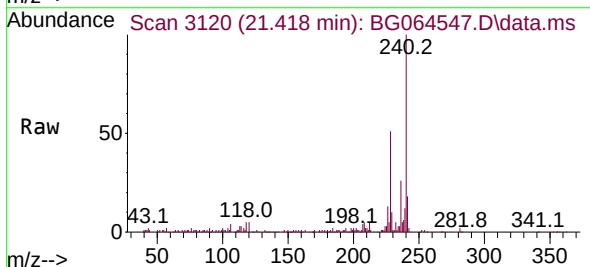
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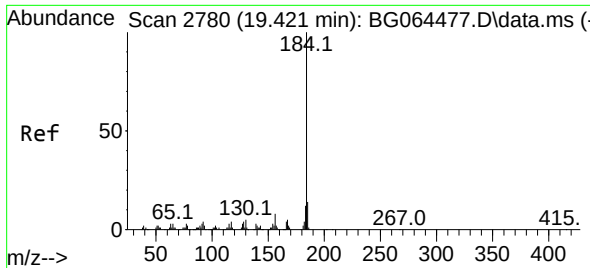
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3120
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

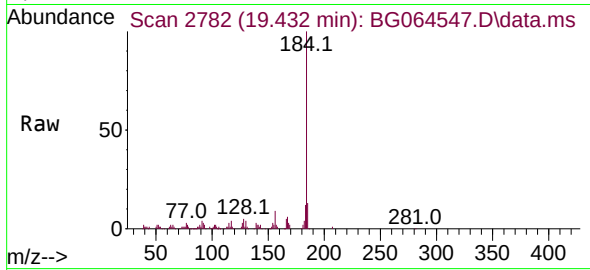
Tgt Ion:240 Resp: 113403
Ion Ratio Lower Upper
240 100
120 4.7 4.3 6.5
236 26.2 20.4 30.6





#77
Benzidine
Concen: 47.695 ng
RT: 19.432 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

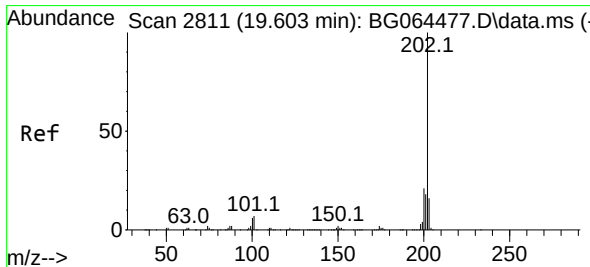
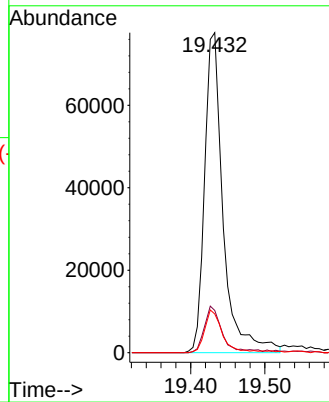
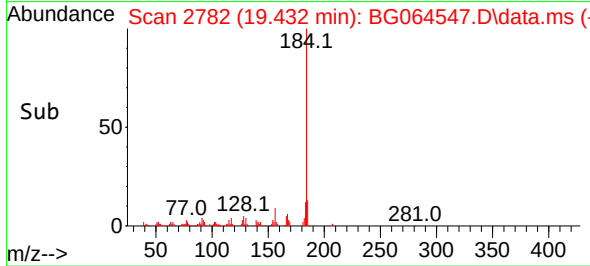
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 134588
Ion Ratio Lower Upper
184 100
185 13.2 10.9 16.3
183 12.1 9.8 14.6

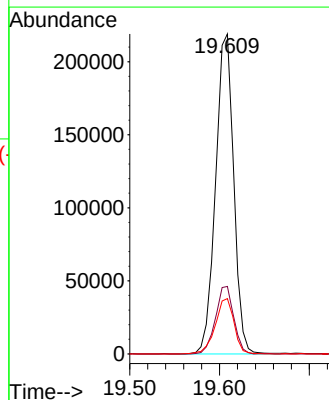
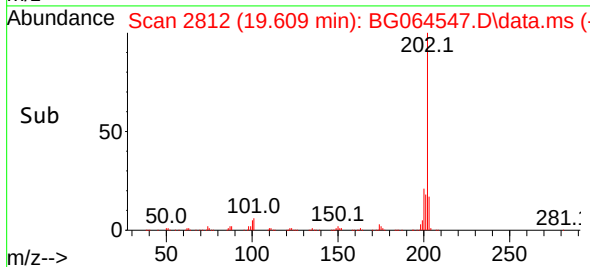
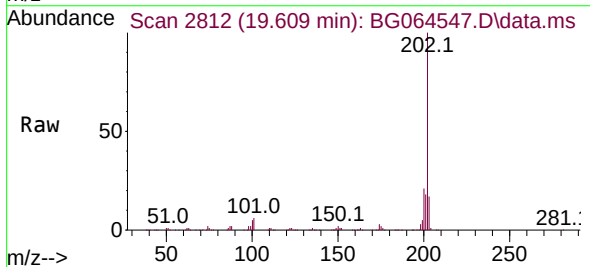
Manual Integrations
APPROVED

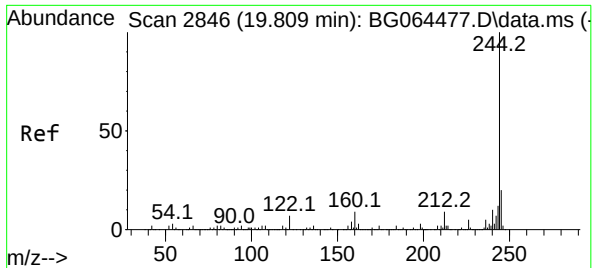
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#78
Pyrene
Concen: 41.769 ng
RT: 19.609 min Scan# 2812
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

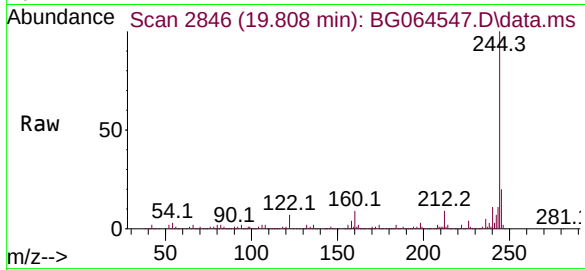
Tgt Ion:202 Resp: 307402
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.3 13.0 19.4





#79
 Terphenyl-d14
 Concen: 85.798 ng
 RT: 19.808 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

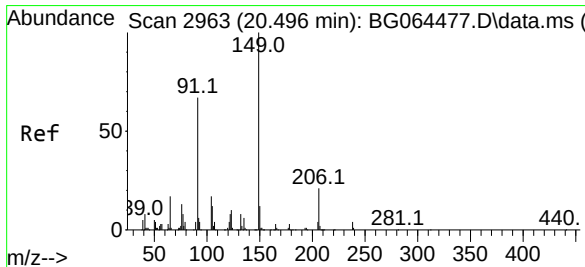
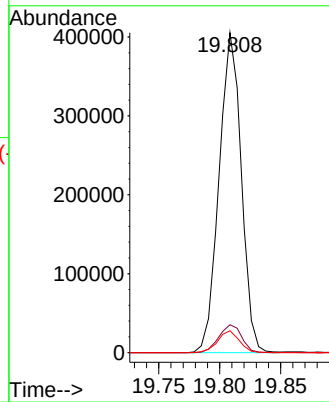
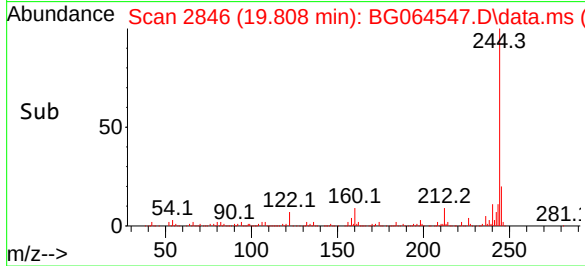
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



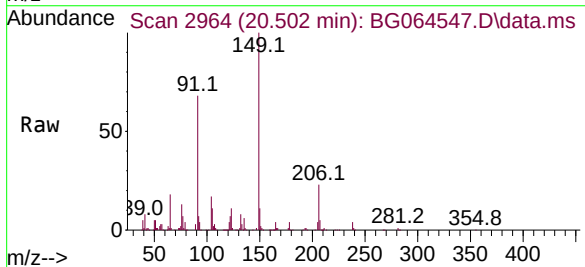
Tgt Ion:244 Resp: 514123
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.8 5.6 8.4

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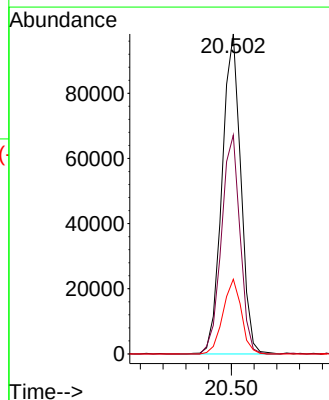
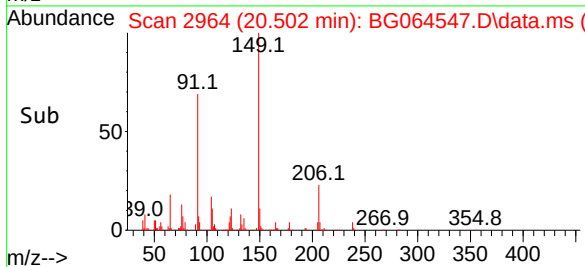
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

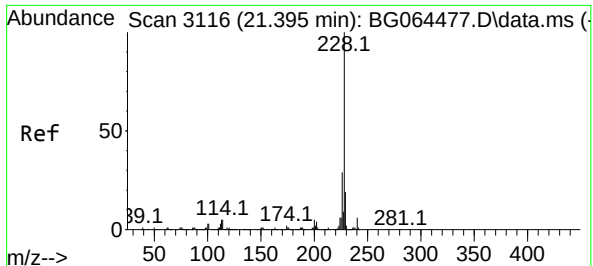


#80
 Butylbenzylphthalate
 Concen: 43.094 ng
 RT: 20.502 min Scan# 2964
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44



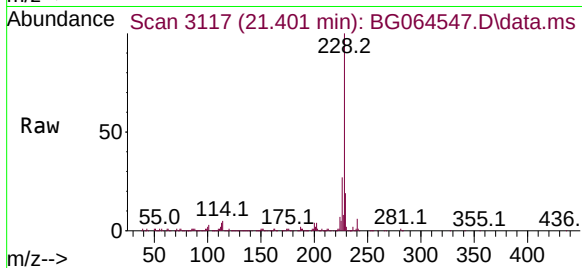
Tgt Ion:149 Resp: 112428
 Ion Ratio Lower Upper
 149 100
 91 68.4 53.7 80.5
 206 23.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 42.619 ng
RT: 21.401 min Scan# 3116
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

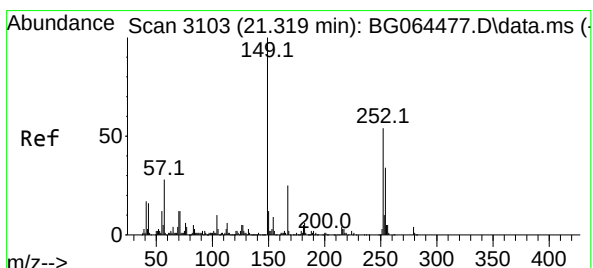
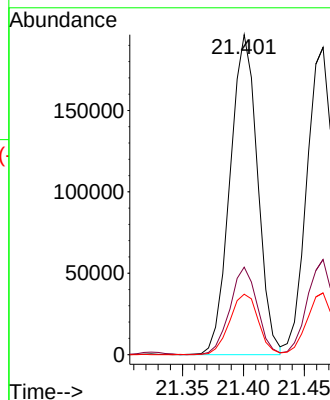
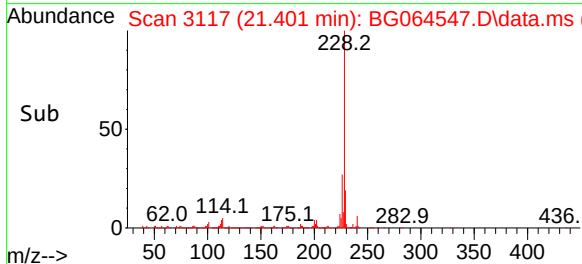
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 308599
Ion Ratio Lower Upper
228 100
226 27.3 22.8 34.2
229 18.9 15.2 22.8

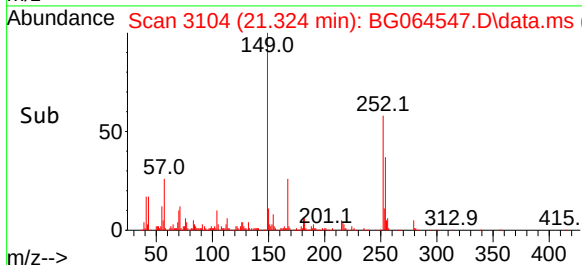
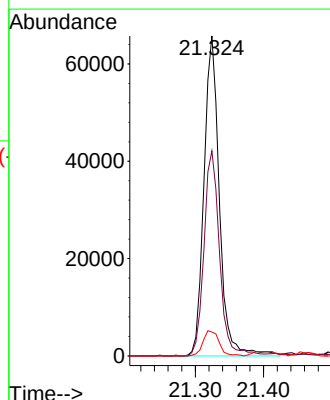
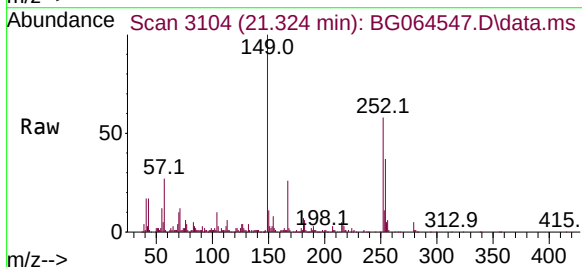
Manual Integrations
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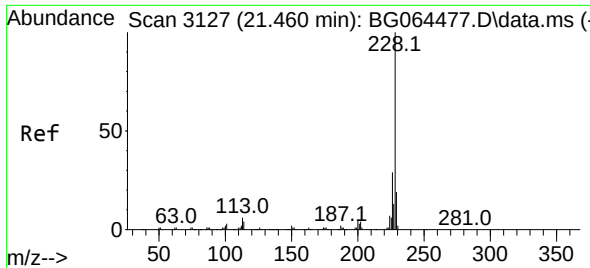
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.125 ng
RT: 21.324 min Scan# 3104
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 103237
Ion Ratio Lower Upper
252 100
254 64.1 50.5 75.7
126 7.5 7.1 10.7





#83

Chrysene

Concen: 42.501 ng

RT: 21.465 min Scan# 3127

Delta R.T. 0.014 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

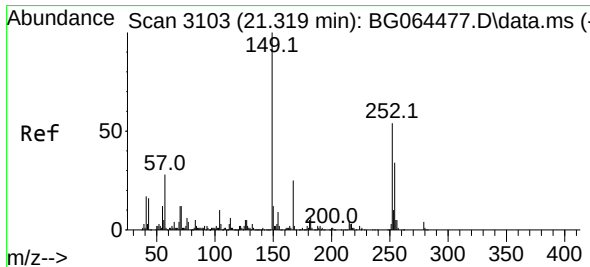
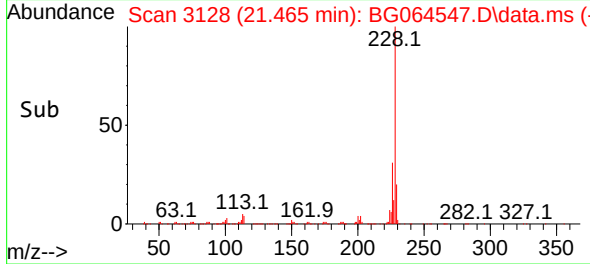
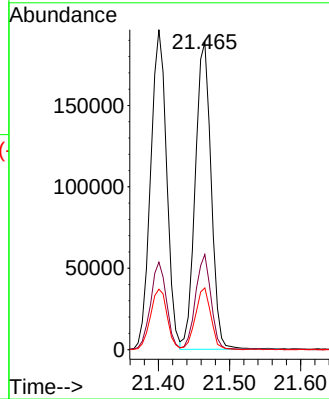
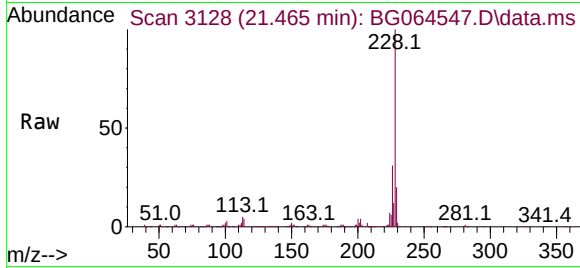
ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 291852
Ion Ratio Lower Upper
228 100
226 31.0 22.8 34.2
229 20.1 15.4 23.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.703 ng

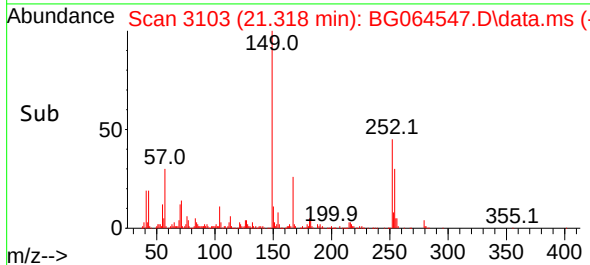
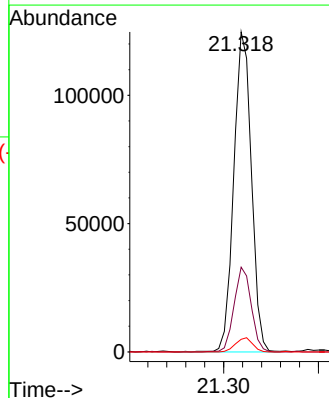
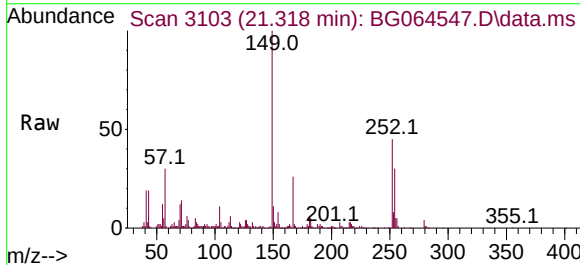
RT: 21.318 min Scan# 3103

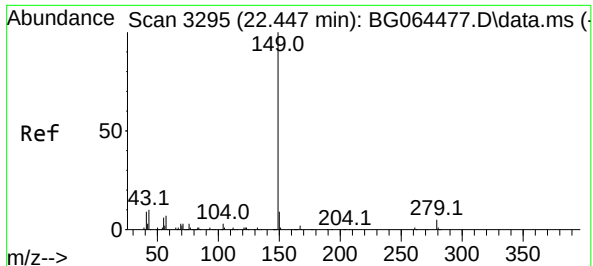
Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

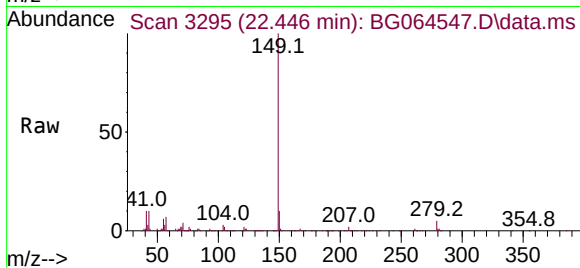
Tgt Ion:149 Resp: 160868
Ion Ratio Lower Upper
149 100
167 26.5 19.7 29.5
279 3.9 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 43.922 ng
RT: 22.446 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

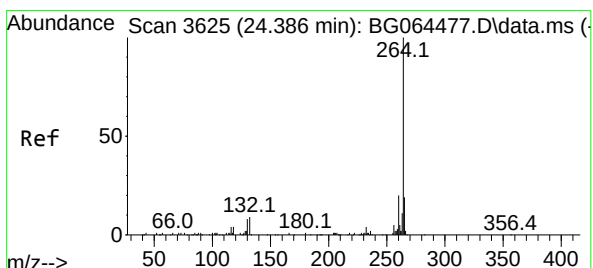
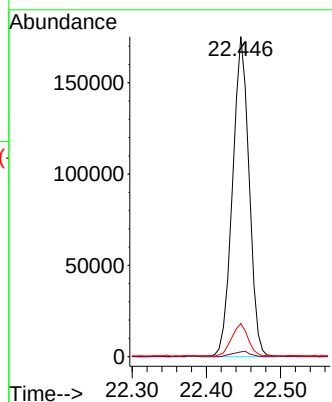
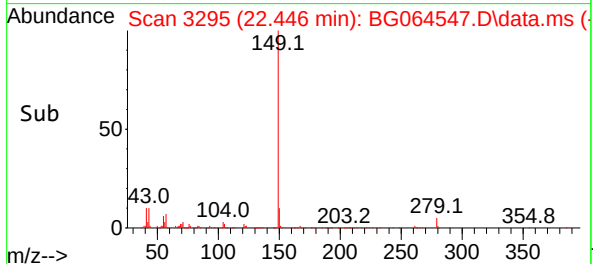
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 271723
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.3 7.9 11.9

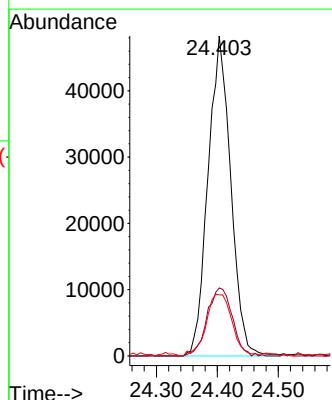
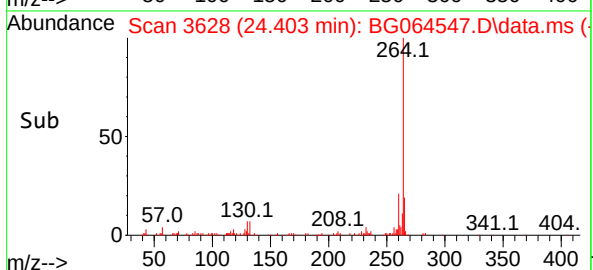
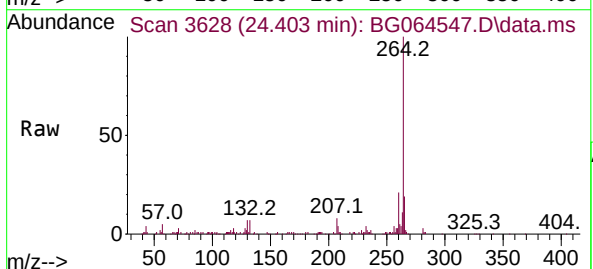
Manual Integrations
APPROVED

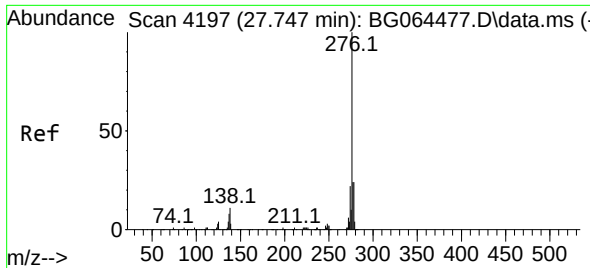
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3628
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

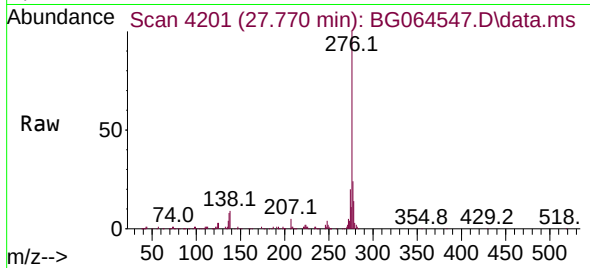
Tgt Ion:264 Resp: 125032
Ion Ratio Lower Upper
264 100
260 21.2 16.2 24.4
265 19.1 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.035 ng
RT: 27.770 min Scan# 4197
Delta R.T. 0.037 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

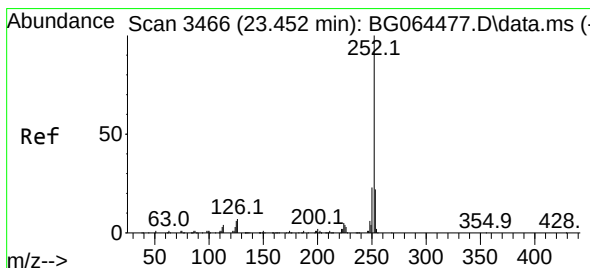
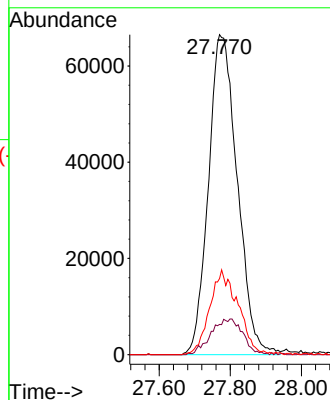
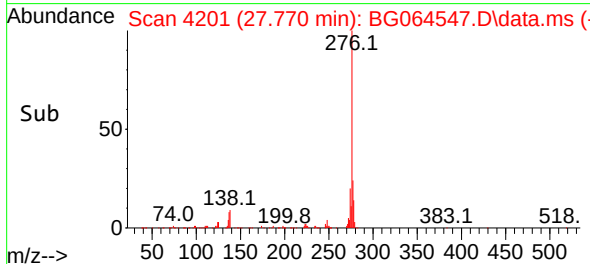
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



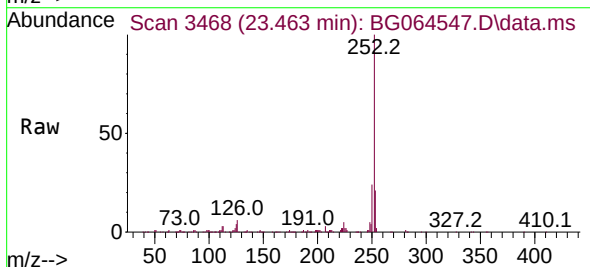
Tgt Ion:276 Resp: 374535
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2
277 26.0 20.3 30.5

Manual Integrations
APPROVED

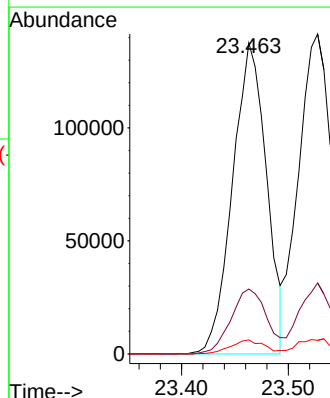
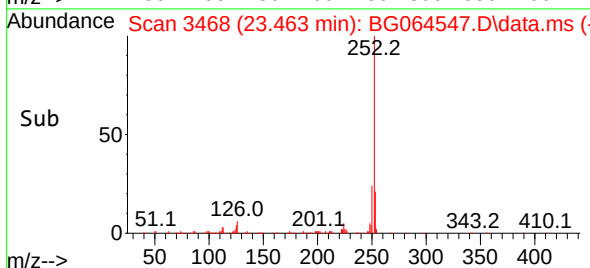
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

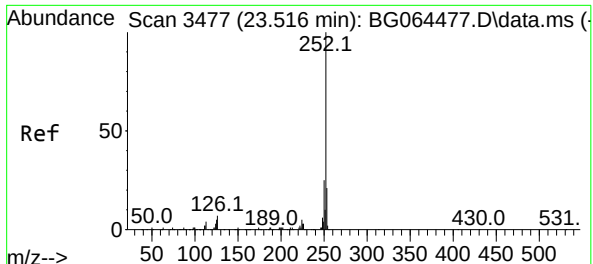


#88
Benzo(b)fluoranthene
Concen: 42.780 ng
RT: 23.463 min Scan# 3468
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:252 Resp: 304295
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 4.5 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 43.893 ng

RT: 23.528 min Scan# 3477

Delta R.T. 0.020 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

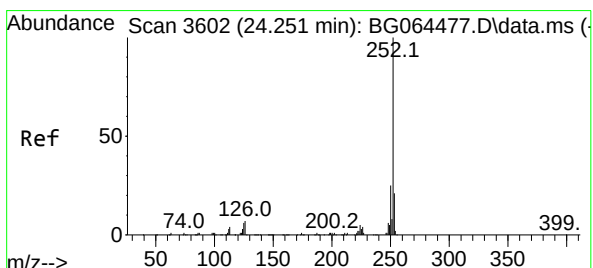
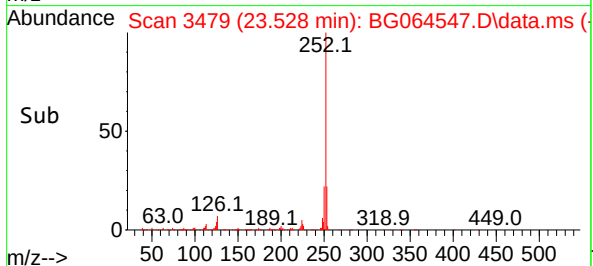
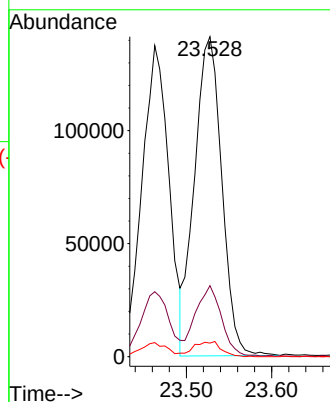
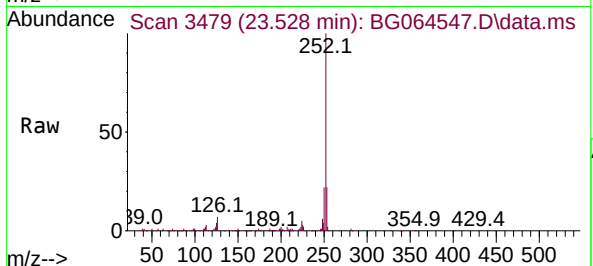
Tgt Ion:	252	Resp:	314452
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	4.2	4.0	6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#90

Benzo(a)pyrene

Concen: 43.417 ng

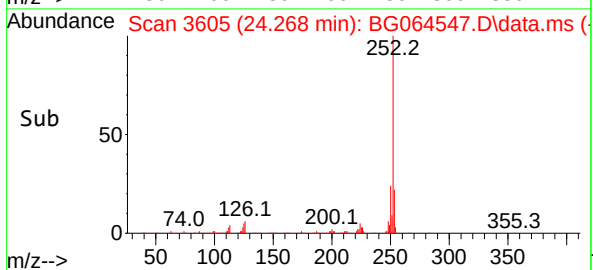
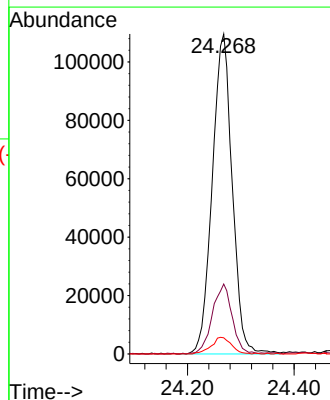
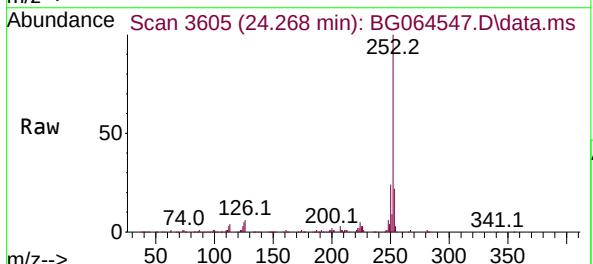
RT: 24.268 min Scan# 3605

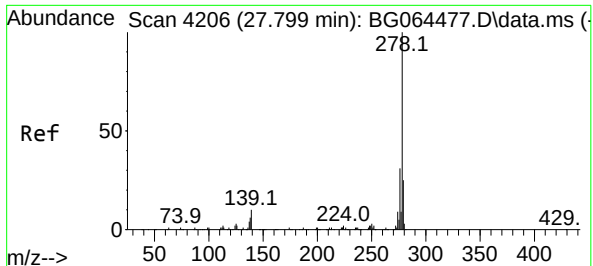
Delta R.T. 0.020 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

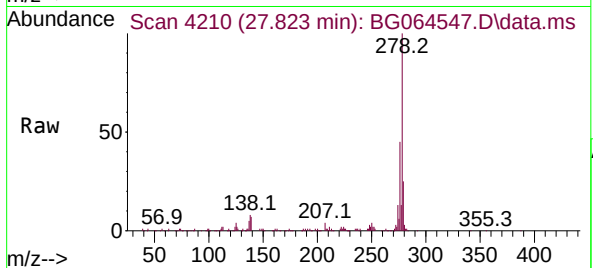
Tgt Ion:	252	Resp:	284628
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	5.0	4.6	6.8





#91
Dibenzo(a,h)anthracene
Concen: 43.292 ng
RT: 27.823 min Scan# 41
Delta R.T. 0.043 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

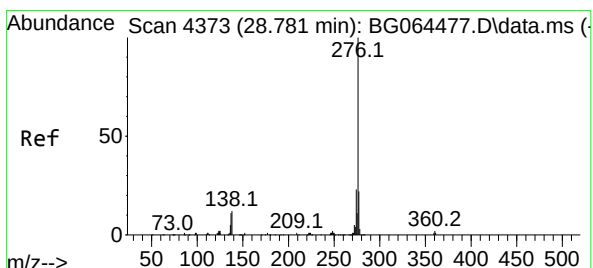
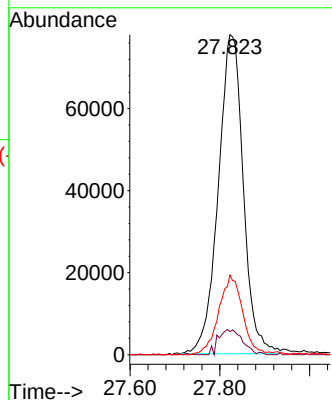
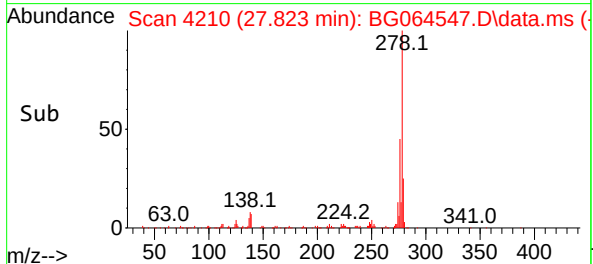
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 301308
Ion Ratio Lower Upper
278 100
139 7.2 8.2 12.2
279 24.8 19.6 29.4

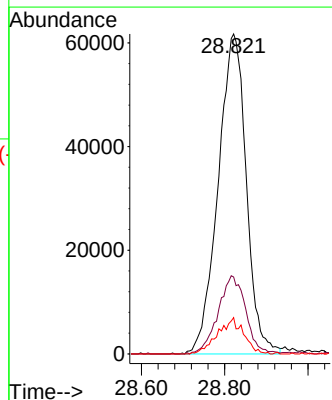
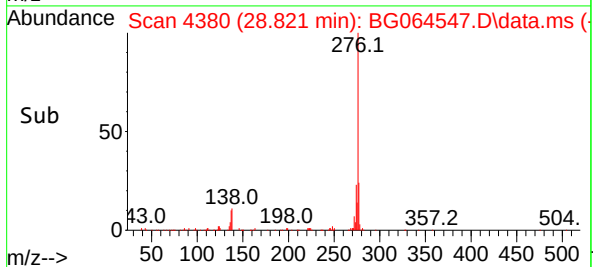
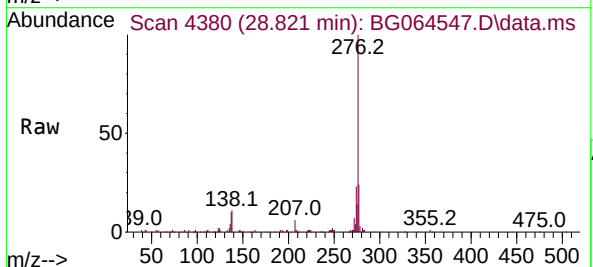
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 42.845 ng
RT: 28.821 min Scan# 4380
Delta R.T. 0.055 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:276 Resp: 289782
Ion Ratio Lower Upper
276 100
277 24.0 17.8 26.6
138 11.3 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	77	0.00
2	1,4-Dioxane	40.000	35.246	11.9	66	0.00
3	Pyridine	40.000	30.091	24.8	54	0.00
4	n-Nitrosodimethylamine	40.000	40.937	-2.3	76	0.00
5 S	2-Fluorophenol	80.000	88.419	-10.5	77	0.00
6	Aniline	40.000	45.327	-13.3	79	0.00
7 S	Phenol-d6	80.000	88.675	-10.8	76	0.01
8	2-Chlorophenol	40.000	43.674	-9.2	77	0.00
9	Benzaldehyde	40.000	43.215	-8.0	70	0.00
10 C	Phenol	40.000	42.839	-7.1	75	0.01
11	bis(2-Chloroethyl)ether	40.000	42.087	-5.2	74	0.00
12	1,3-Dichlorobenzene	40.000	44.437	-11.1	79	0.00
13 C	1,4-Dichlorobenzene	40.000	44.070	-10.2	78	0.00
14	1,2-Dichlorobenzene	40.000	43.259	-8.1	78	0.00
15	Benzyl Alcohol	40.000	45.138	-12.8	80	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.672	5.8	67	0.00
17	2-Methylphenol	40.000	44.767	-11.9	79	0.00
18	Hexachloroethane	40.000	43.036	-7.6	79	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	45.502	-13.8	78	0.00
20	3+4-Methylphenols	40.000	43.559	-8.9	77	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	79	0.00
22	Acetophenone	40.000	43.451	-8.6	81	0.00
23 S	Nitrobenzene-d5	80.000	86.682	-8.4	81	0.00
24	Nitrobenzene	40.000	41.889	-4.7	78	0.00
25	Isophorone	40.000	41.946	-4.9	77	0.00
26 C	2-Nitrophenol	40.000	43.930	-9.8	84	0.00
27	2,4-Dimethylphenol	40.000	44.205	-10.5	83	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.484	-6.2	77	0.00
29 C	2,4-Dichlorophenol	40.000	43.940	-9.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	43.835	-9.6	82	0.00
31	Naphthalene	40.000	43.468	-8.7	80	0.00
32	Benzoic acid	40.000	41.310	-3.3	77	0.07
33	4-Chloroaniline	40.000	41.738	-4.3	78	0.00
34 C	Hexachlorobutadiene	40.000	44.321	-10.8	84	0.00
35	Caprolactam	40.000	42.243	-5.6	81	0.05
36 C	4-Chloro-3-methylphenol	40.000	43.097	-7.7	81	0.01
37	2-Methylnaphthalene	40.000	42.584	-6.5	79	0.00
38	1-Methylnaphthalene	40.000	42.182	-5.5	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	81	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.420	-3.6	77	0.00
41 P	Hexachlorocyclopentadiene	40.000	45.006	-12.5	85	0.00
42 S	2,4,6-Tribromophenol	80.000	86.640	-8.3	84	0.00
43 C	2,4,6-Trichlorophenol	40.000	45.612	-14.0	86	0.00
44	2,4,5-Trichlorophenol	40.000	42.137	-5.3	81	0.00
45 S	2-Fluorobiphenyl	80.000	85.677	-7.1	83	0.00
46	1,1'-Biphenyl	40.000	41.504	-3.8	80	0.00
47	2-Chloronaphthalene	40.000	42.313	-5.8	80	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	44.061	-10.2	83	0.00
49	Acenaphthylene	40.000	43.163	-7.9	82	0.00
50	Dimethylphthalate	40.000	42.222	-5.6	83	0.00
51	2,6-Dinitrotoluene	40.000	42.820	-7.1	84	0.00
52 C	Acenaphthene	40.000	41.898	-4.7	82	0.00
53	3-Nitroaniline	40.000	41.972	-4.9	81	0.01
54 P	2,4-Dinitrophenol	40.000	33.990	15.0	79	0.00
55	Dibenzofuran	40.000	42.794	-7.0	84	0.00
56 P	4-Nitrophenol	40.000	37.784	5.5	70	0.02
57	2,4-Dinitrotoluene	40.000	42.271	-5.7	81	0.00
58	Fluorene	40.000	42.692	-6.7	83	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.129	-7.8	82	0.00
60	Diethylphthalate	40.000	42.669	-6.7	84	0.00
61	4-Chlorophenyl-phenylether	40.000	42.549	-6.4	83	0.00
62	4-Nitroaniline	40.000	43.111	-7.8	82	0.00
63	Azobenzene	40.000	41.425	-3.6	82	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	82	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.746	-4.4	82	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.507	-6.3	82	0.00
67	4-Bromophenyl-phenylether	40.000	43.046	-7.6	82	0.00
68	Hexachlorobenzene	40.000	43.997	-10.0	84	0.00
69	Atrazine	40.000	40.416	-1.0	79	0.00
70 C	Pentachlorophenol	40.000	42.817	-7.0	82	0.00
71	Phenanthrene	40.000	42.087	-5.2	81	0.00
72	Anthracene	40.000	43.067	-7.7	82	0.00
73	Carbazole	40.000	42.326	-5.8	80	0.00
74	Di-n-butylphthalate	40.000	42.433	-6.1	81	0.00
75 C	Fluoranthene	40.000	41.884	-4.7	81	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	82	0.00
77	Benzydine	40.000	47.695	-19.2	75	0.00
78	Pyrene	40.000	41.769	-4.4	80	0.00
79 S	Terphenyl-d14	80.000	85.798	-7.2	83	0.00
80	Butylbenzylphthalate	40.000	43.094	-7.7	82	0.00
81	Benzo(a)anthracene	40.000	42.619	-6.5	83	0.00
82	3,3'-Dichlorobenzidine	40.000	42.125	-5.3	82	0.00
83	Chrysene	40.000	42.501	-6.3	82	0.01
84	Bis(2-ethylhexyl)phthalate	40.000	43.703	-9.3	84	0.00
85 c	Di-n-octyl phthalate	40.000	43.922	-9.8	85	0.00
86 I	Perylene-d12	20.000	20.000	0.0	85	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	43.035	-7.6	85	0.04
88	Benzo(b)fluoranthene	40.000	42.780	-7.0	85	0.01
89	Benzo(k)fluoranthene	40.000	43.893	-9.7	87	0.02
90 C	Benzo(a)pyrene	40.000	43.417	-8.5	86	0.02
91	Dibenzo(a,h)anthracene	40.000	43.292	-8.2	86	0.04
92	Benzo(g,h,i)perylene	40.000	42.845	-7.1	85	0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	77	0.00
2	1,4-Dioxane	0.427	0.377	11.7	66	0.00
3	Pyridine	1.149	0.864	24.8	54	0.00
4	n-Nitrosodimethylamine	0.833	0.852	-2.3	76	0.00
5 S	2-Fluorophenol	1.081	1.194	-10.5	77	0.00
6	Aniline	1.832	2.076	-13.3	79	0.00
7 S	Phenol-d6	1.452	1.610	-10.9	76	0.01
8	2-Chlorophenol	1.327	1.449	-9.2	77	0.00
9	Benzaldehyde	1.289	1.393	-8.1	70	0.00
10 C	Phenol	1.532	1.641	-7.1	75	0.01
11	bis(2-Chloroethyl)ether	1.038	1.092	-5.2	74	0.00
12	1,3-Dichlorobenzene	1.452	1.613	-11.1	79	0.00
13 C	1,4-Dichlorobenzene	1.457	1.605	-10.2	78	0.00
14	1,2-Dichlorobenzene	1.436	1.553	-8.1	78	0.00
15	Benzyl Alcohol	1.337	1.509	-12.9	80	0.00
16	2,2'-oxybis(1-Chloropropane	1.672	1.575	5.8	67	0.00
17	2-Methylphenol	1.109	1.242	-12.0	79	0.00
18	Hexachloroethane	0.575	0.619	-7.7	79	0.00
19 P	n-Nitroso-di-n-propylamine	0.971	1.105	-13.8	78	0.00
20	3+4-Methylphenols	1.548	1.686	-8.9	77	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	79	0.00
22	Acetophenone	0.484	0.526	-8.7	81	0.00
23 S	Nitrobenzene-d5	0.372	0.403	-8.3	81	0.00
24	Nitrobenzene	0.371	0.388	-4.6	78	0.00
25	Isophorone	0.674	0.707	-4.9	77	0.00
26 C	2-Nitrophenol	0.185	0.203	-9.7	84	0.00
27	2,4-Dimethylphenol	0.282	0.312	-10.6	83	0.00
28	bis(2-Chloroethoxy)methane	0.343	0.365	-6.4	77	0.00
29 C	2,4-Dichlorophenol	0.326	0.358	-9.8	83	0.00
30	1,2,4-Trichlorobenzene	0.356	0.390	-9.6	82	0.00
31	Naphthalene	1.030	1.119	-8.6	80	0.00
32	Benzoic acid	0.216	0.224	-3.7	77	0.07
33	4-Chloroaniline	0.395	0.412	-4.3	78	0.00
34 C	Hexachlorobutadiene	0.304	0.337	-10.9	84	0.00
35	Caprolactam	0.112	0.118	-5.4	81	0.05
36 C	4-Chloro-3-methylphenol	0.397	0.427	-7.6	81	0.01
37	2-Methylnaphthalene	0.791	0.842	-6.4	79	0.00
38	1-Methylnaphthalene	0.788	0.831	-5.5	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	81	0.00
40	1,2,4,5-Tetrachlorobenzene	0.646	0.669	-3.6	77	0.00
41 P	Hexachlorocyclopentadiene	0.338	0.380	-12.4	85	0.00
42 S	2,4,6-Tribromophenol	0.363	0.393	-8.3	84	0.00
43 C	2,4,6-Trichlorophenol	0.413	0.471	-14.0	86	0.00
44	2,4,5-Trichlorophenol	0.461	0.485	-5.2	81	0.00
45 S	2-Fluorobiphenyl	1.357	1.453	-7.1	83	0.00
46	1,1'-Biphenyl	1.438	1.493	-3.8	80	0.00
47	2-Chloronaphthalene	1.074	1.136	-5.8	80	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 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	0.367	0.404	-10.1	83	0.00
49	Acenaphthylene	1.594	1.720	-7.9	82	0.00
50	Dimethylphthalate	1.566	1.653	-5.6	83	0.00
51	2,6-Dinitrotoluene	0.326	0.349	-7.1	84	0.00
52 C	Acenaphthene	1.108	1.160	-4.7	82	0.00
53	3-Nitroaniline	0.301	0.316	-5.0	81	0.01
54 P	2,4-Dinitrophenol	0.237	0.201	15.2	79	0.00
55	Dibenzofuran	1.829	1.957	-7.0	84	0.00
56 P	4-Nitrophenol	0.237	0.224	5.5	70	0.02
57	2,4-Dinitrotoluene	0.499	0.527	-5.6	81	0.00
58	Fluorene	1.520	1.623	-6.8	83	0.00
59	2,3,4,6-Tetrachlorophenol	0.470	0.507	-7.9	82	0.00
60	Diethylphthalate	1.680	1.793	-6.7	84	0.00
61	4-Chlorophenyl-phenylether	0.830	0.883	-6.4	83	0.00
62	4-Nitroaniline	0.314	0.338	-7.6	82	0.00
63	Azobenzene	1.301	1.348	-3.6	82	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	82	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.145	-4.3	82	0.00
66 c	n-Nitrosodiphenylamine	0.534	0.568	-6.4	82	0.00
67	4-Bromophenyl-phenylether	0.235	0.253	-7.7	82	0.00
68	Hexachlorobenzene	0.269	0.296	-10.0	84	0.00
69	Atrazine	0.238	0.240	-0.8	79	0.00
70 C	Pentachlorophenol	0.157	0.169	-7.6	82	0.00
71	Phenanthrene	1.046	1.100	-5.2	81	0.00
72	Anthracene	1.049	1.130	-7.7	82	0.00
73	Carbazole	0.907	0.960	-5.8	80	0.00
74	Di-n-butylphthalate	1.107	1.174	-6.1	81	0.00
75 C	Fluoranthene	1.250	1.308	-4.6	81	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	82	0.00
77	Benzydine	0.498	0.593	-19.1	75	0.00
78	Pyrene	1.298	1.355	-4.4	80	0.00
79 S	Terphenyl-d14	1.057	1.133	-7.2	83	0.00
80	Butylbenzylphthalate	0.460	0.496	-7.8	82	0.00
81	Benzo(a)anthracene	1.277	1.361	-6.6	83	0.00
82	3,3'-Dichlorobenzidine	0.432	0.455	-5.3	82	0.00
83	Chrysene	1.211	1.287	-6.3	82	0.01
84	Bis(2-ethylhexyl)phthalate	0.649	0.709	-9.2	84	0.00
85 c	Di-n-octyl phthalate	1.091	1.198	-9.8	85	0.00
86 I	Perylene-d12	1.000	1.000	0.0	85	0.01
87	Indeno(1,2,3-cd)pyrene	1.392	1.498	-7.6	85	0.04
88	Benzo(b)fluoranthene	1.138	1.217	-6.9	85	0.01
89	Benzo(k)fluoranthene	1.146	1.257	-9.7	87	0.02
90 C	Benzo(a)pyrene	1.049	1.138	-8.5	86	0.02
91	Dibenzo(a,h)anthracene	1.113	1.205	-8.3	86	0.04
92	Benzo(g,h,i)perylene	1.082	1.159	-7.1	85	0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



QC SAMPLE DATA

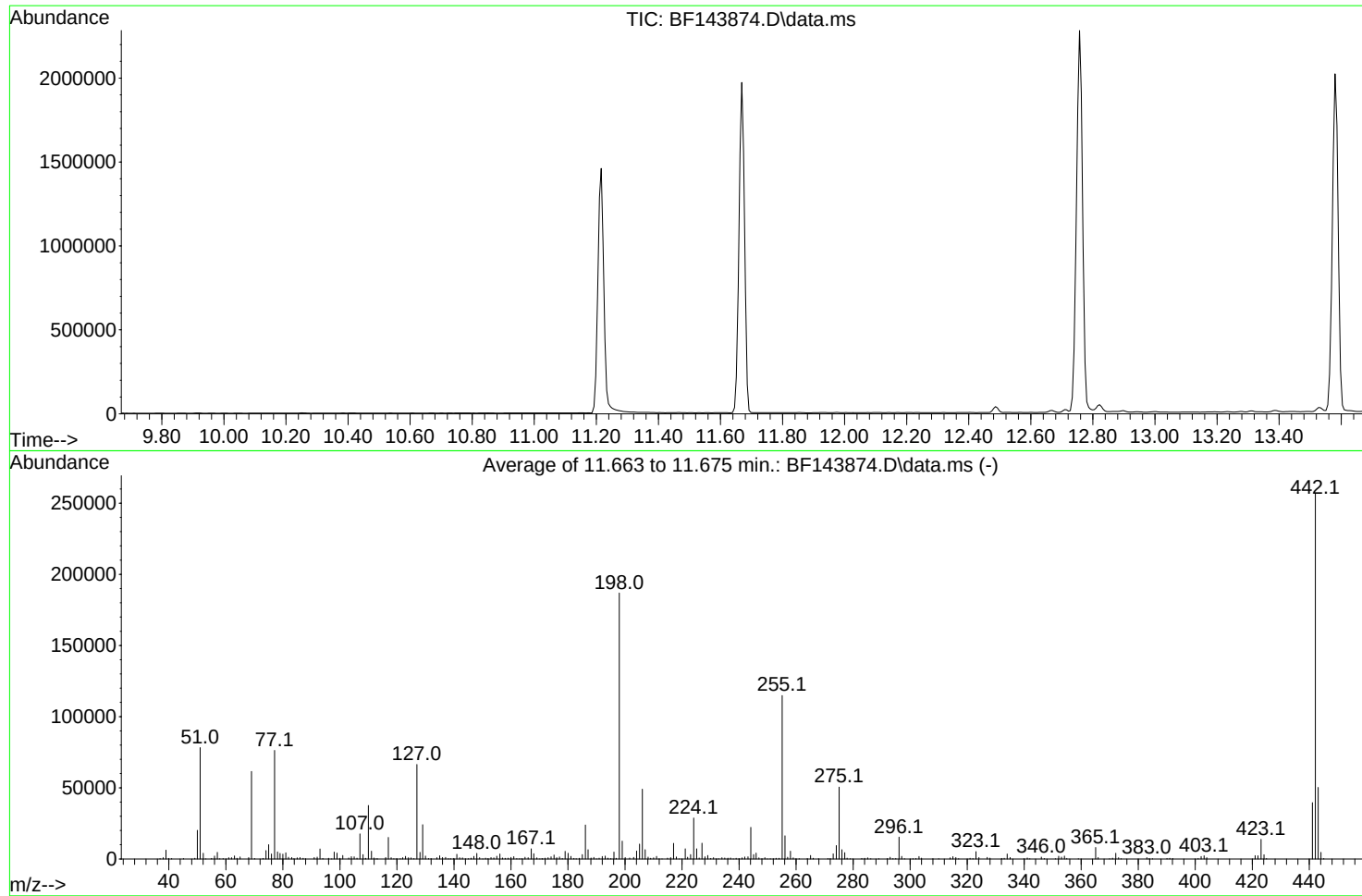
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



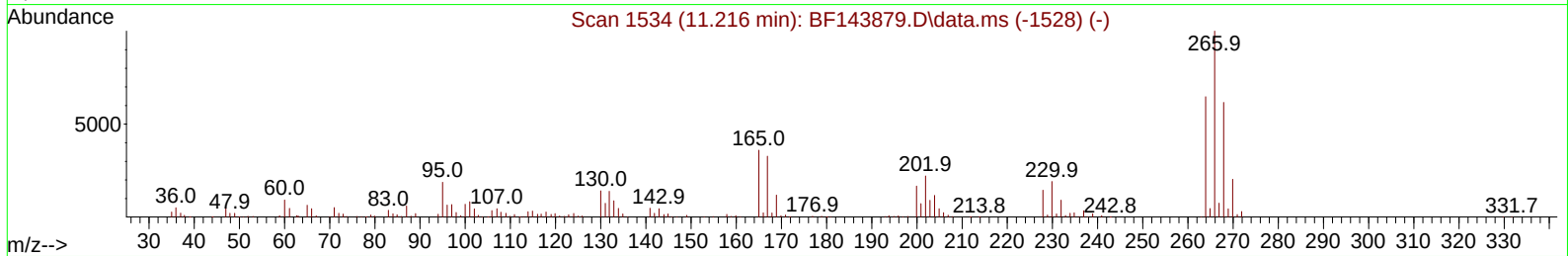
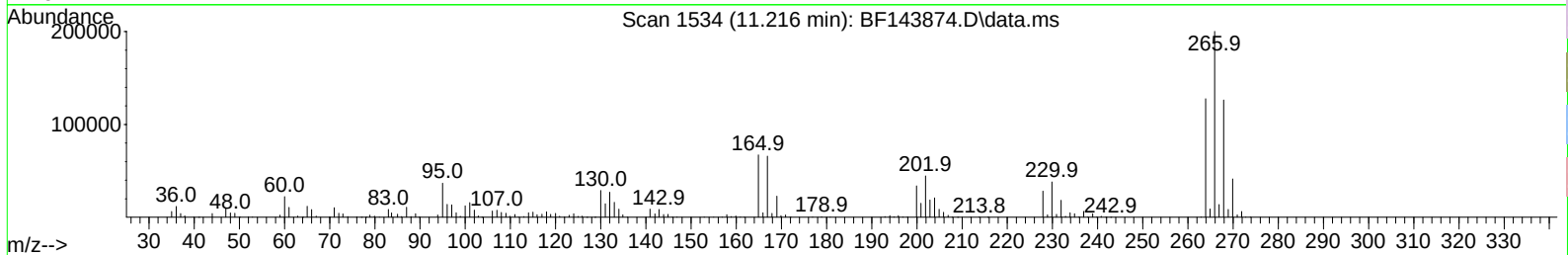
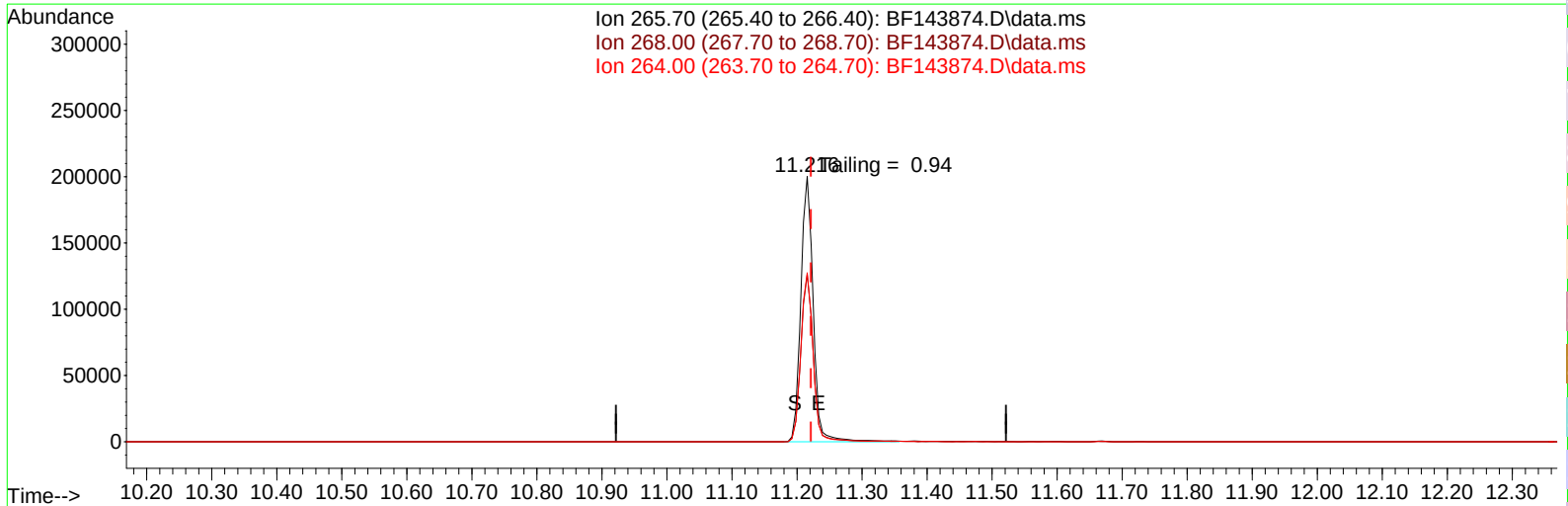
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	971	PASS
69	69	100	100	100.0	61475	PASS
70	69	0.00	2	0.4	240	PASS
197	198	0.00	2	0.3	472	PASS
198	198	100	100	100.0	186859	PASS
199	198	5	9	6.7	12573	PASS
365	198	1	100	4.3	8075	PASS
441	443	0.01	150	78.8	39600	PASS
442	442	100	100	100.0	256555	PASS
443	442	15	24	19.6	50245	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143874.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 36564.81 ng

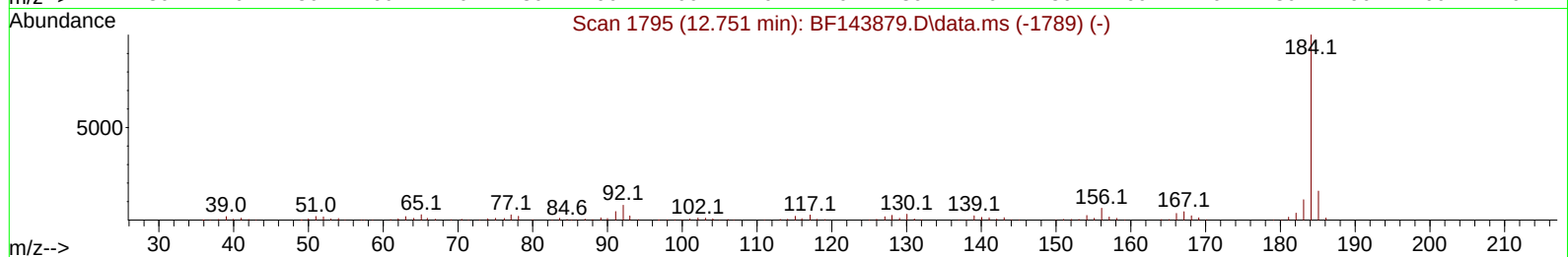
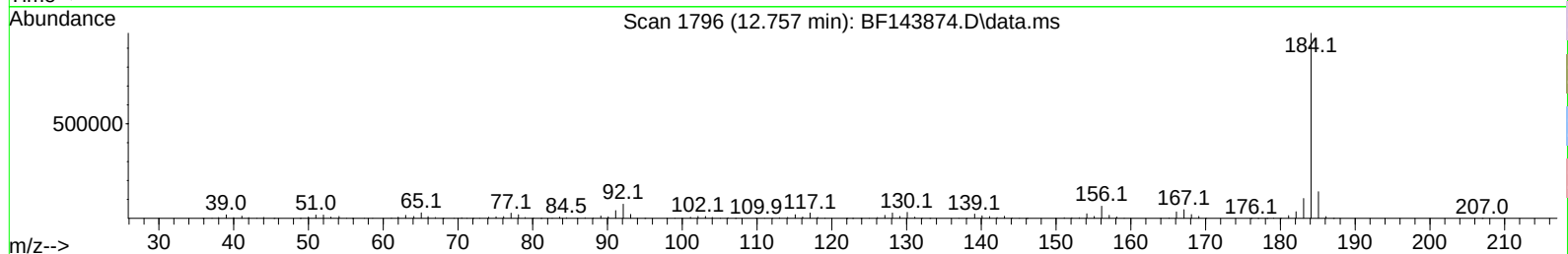
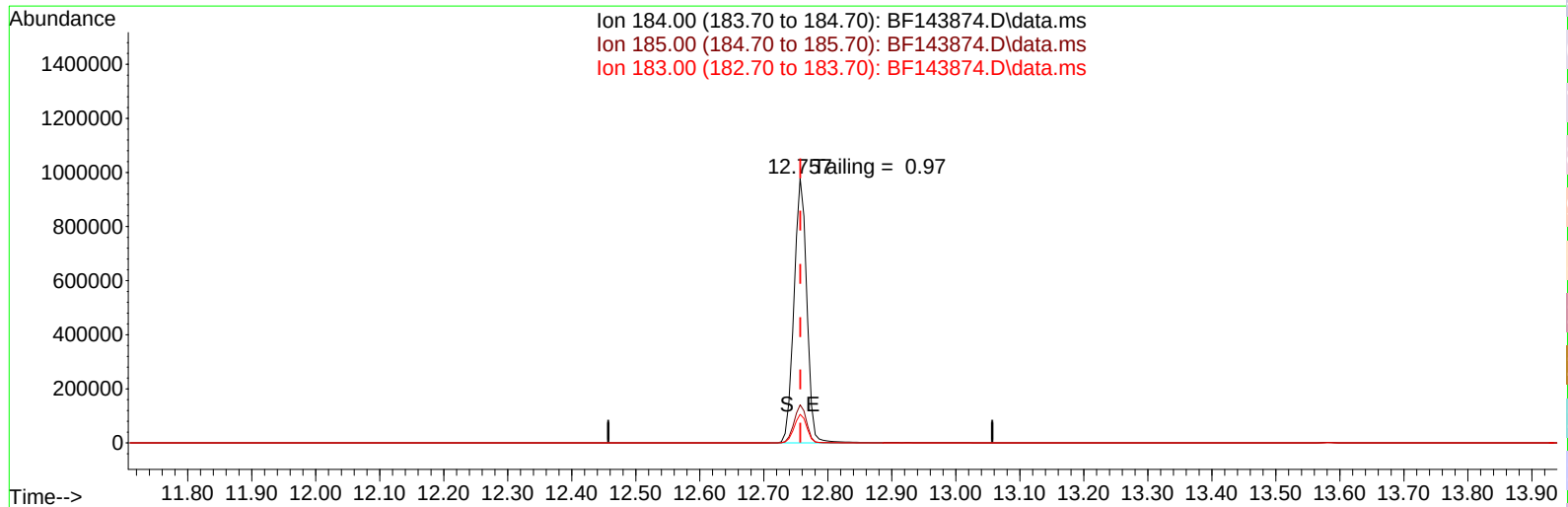
response 265194

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	63.10
264.00	64.70	63.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143874.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 1371993

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.38
183.00	11.00	10.78
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

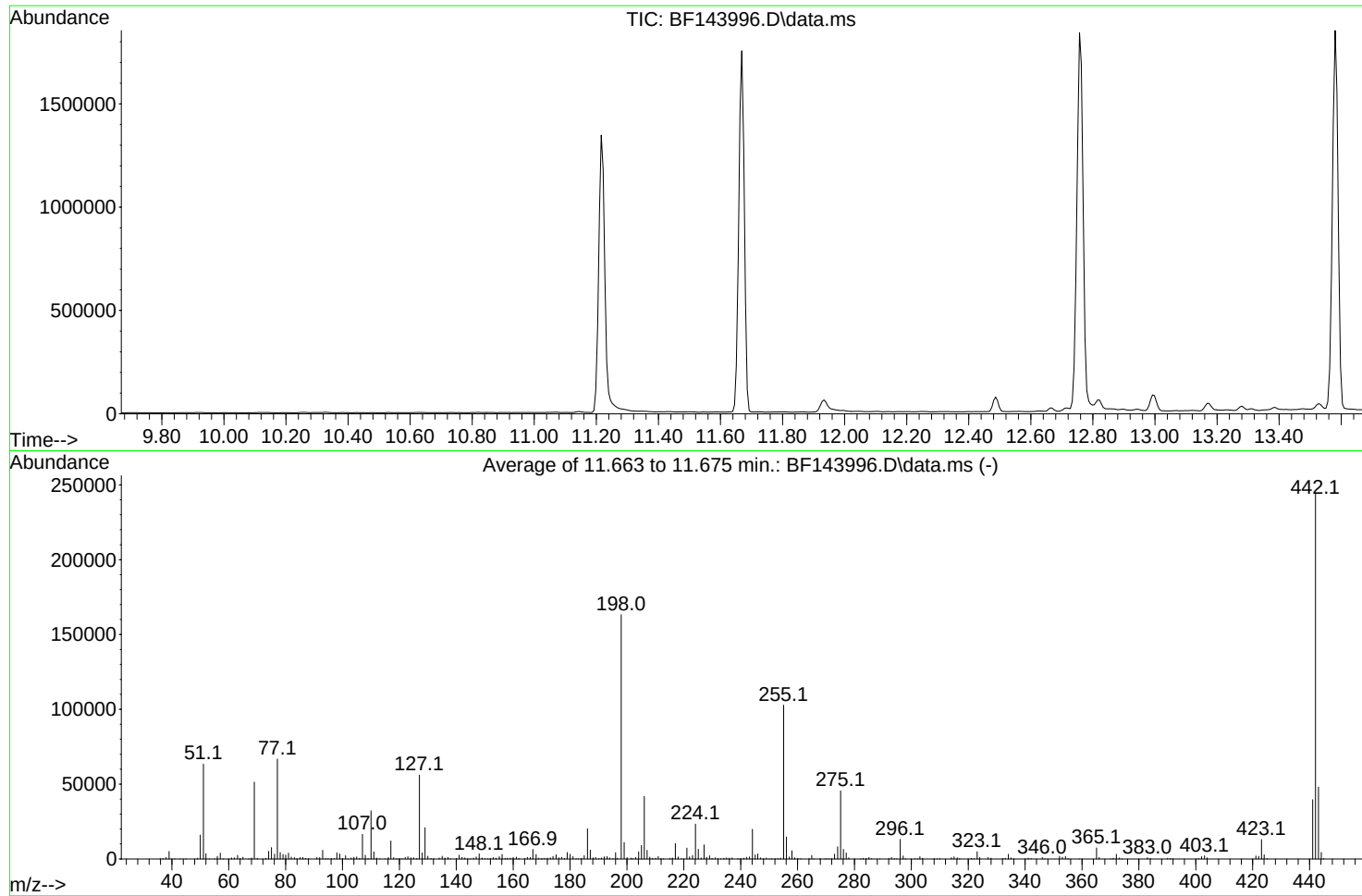
Date	Instrument Name	DFTPP Data File
10/6/2025	BNA_F	<u>BF143874.D</u>
Compound Name	Response	Retention Time
DDT	503395	13.58
DDD	4048	13.31
DDE	763	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4811	508206	0.95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143996.D
Acq On : 20 Oct 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



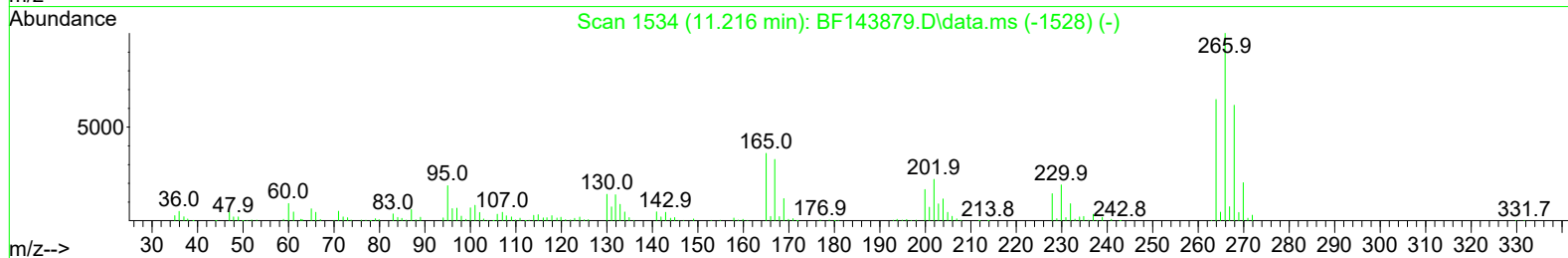
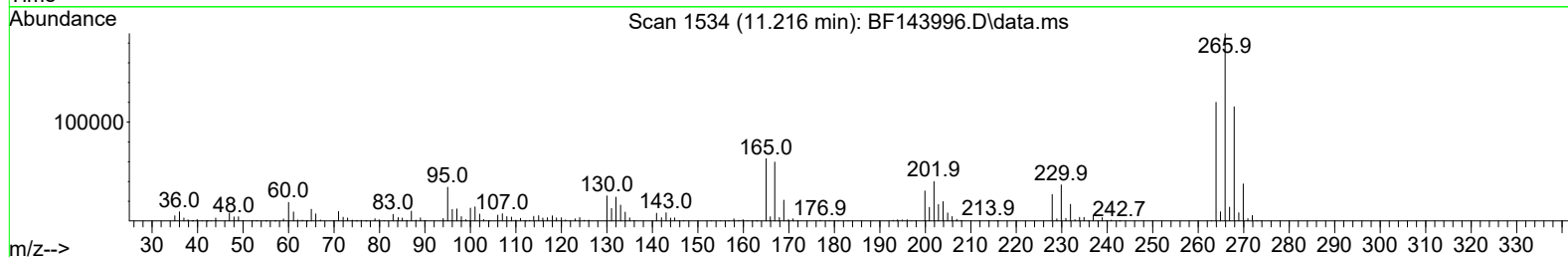
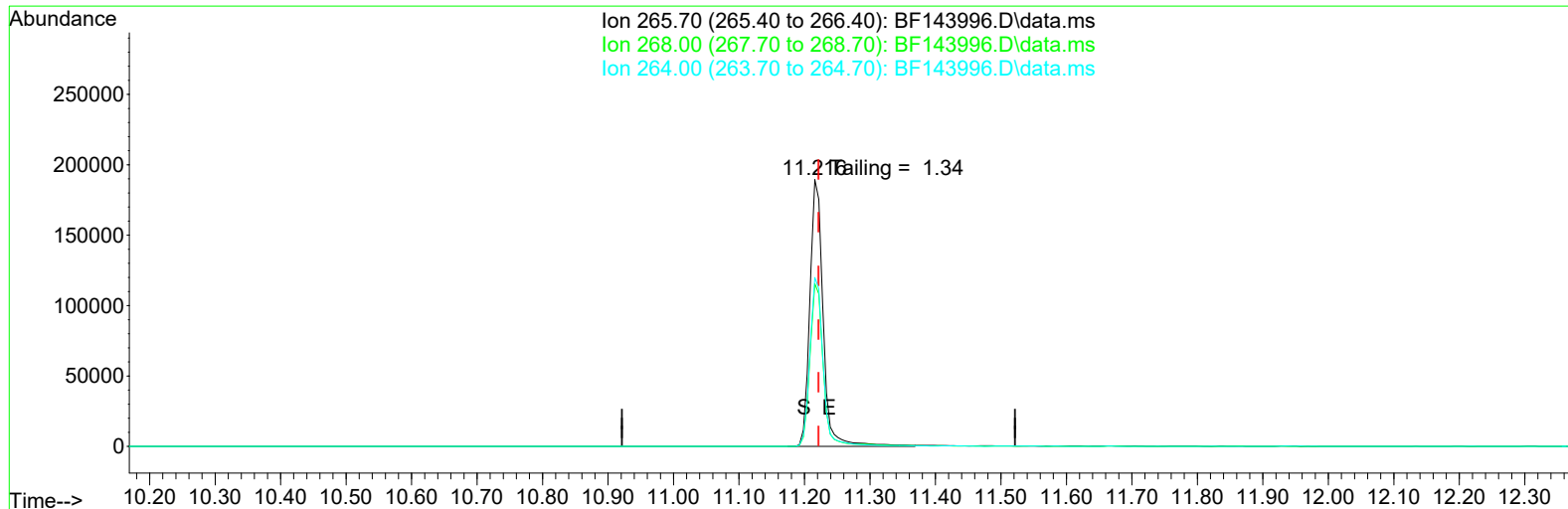
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.3	676	PASS
69	69	100	100	100.0	51413	PASS
70	69	0.00	2	0.8	426	PASS
197	198	0.00	2	0.4	599	PASS
198	198	100	100	100.0	163200	PASS
199	198	5	9	6.8	11025	PASS
365	198	1	100	4.5	7333	PASS
441	443	0.01	150	82.5	39595	PASS
442	442	100	100	100.0	243989	PASS
443	442	15	24	19.7	47997	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143996.D
Acq On : 20 Oct 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 20 17:03:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143996.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 91778.74 ng

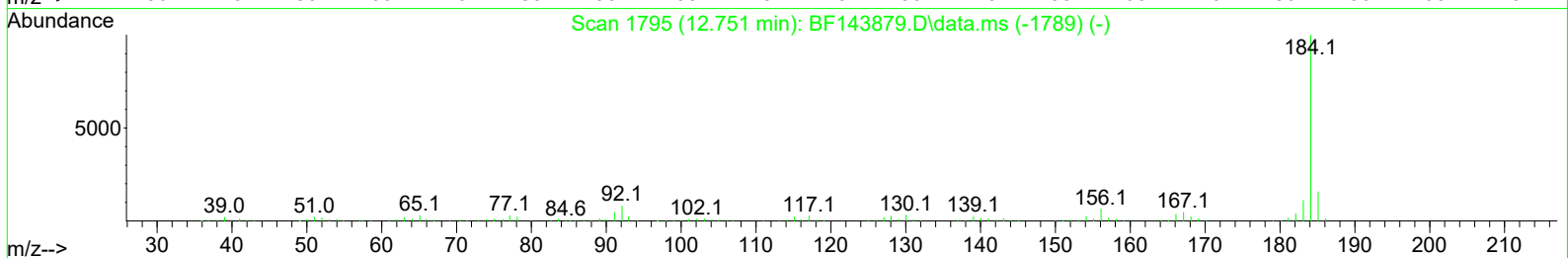
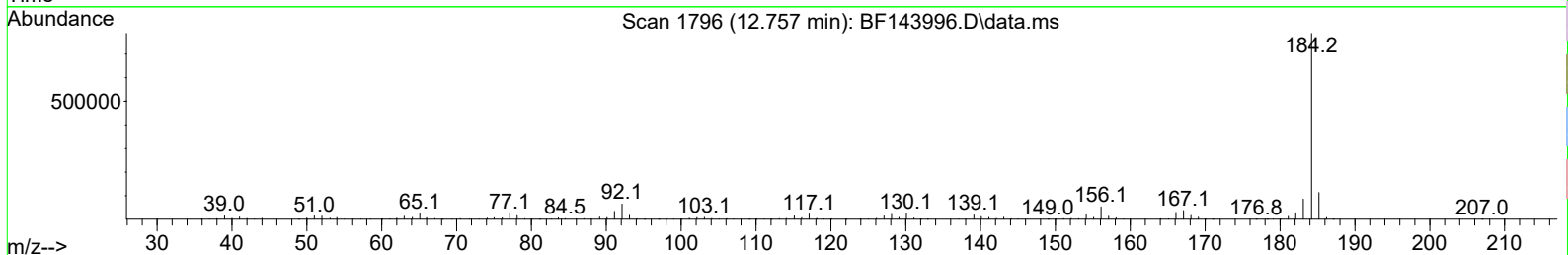
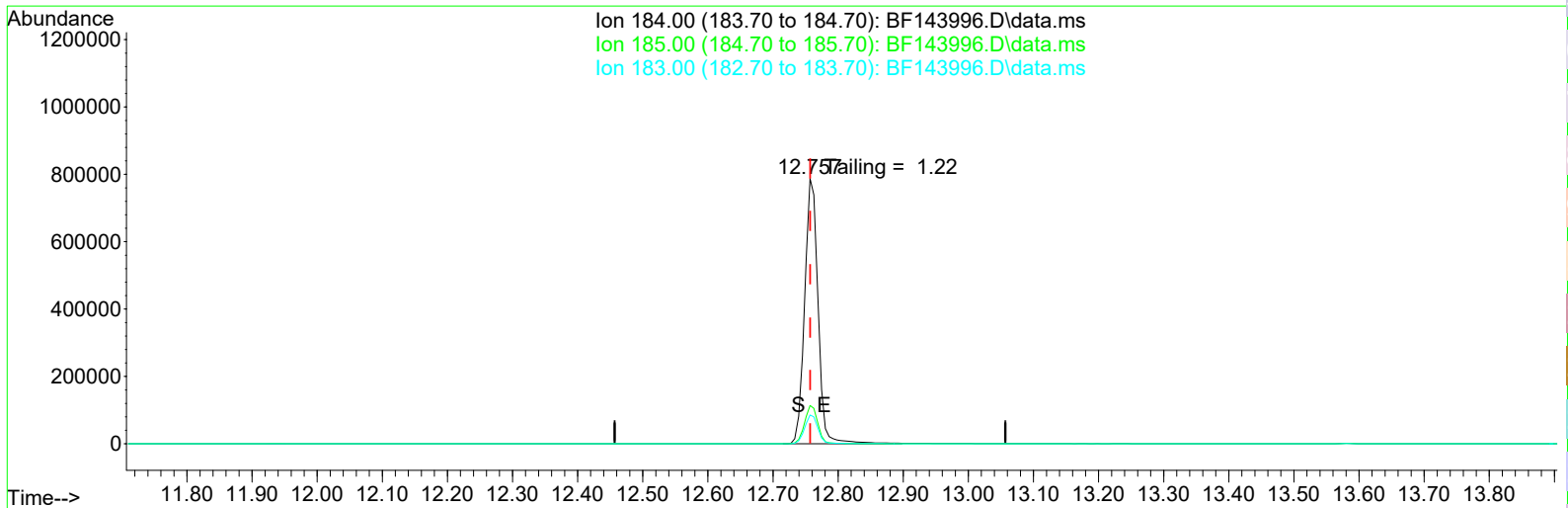
response 268416

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	61.01
264.00	64.70	63.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143996.D
Acq On : 20 Oct 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 20 17:03:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143996.D\data.ms

(77) Benzidine

12.757min (-0.000) 58721.78 ng

response 1131625

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.43
183.00	11.00	10.88
0.00	0.00	0.00

DDT Breakdown

Instrument :
BNA_F
ClientSampleId :
DFTPP

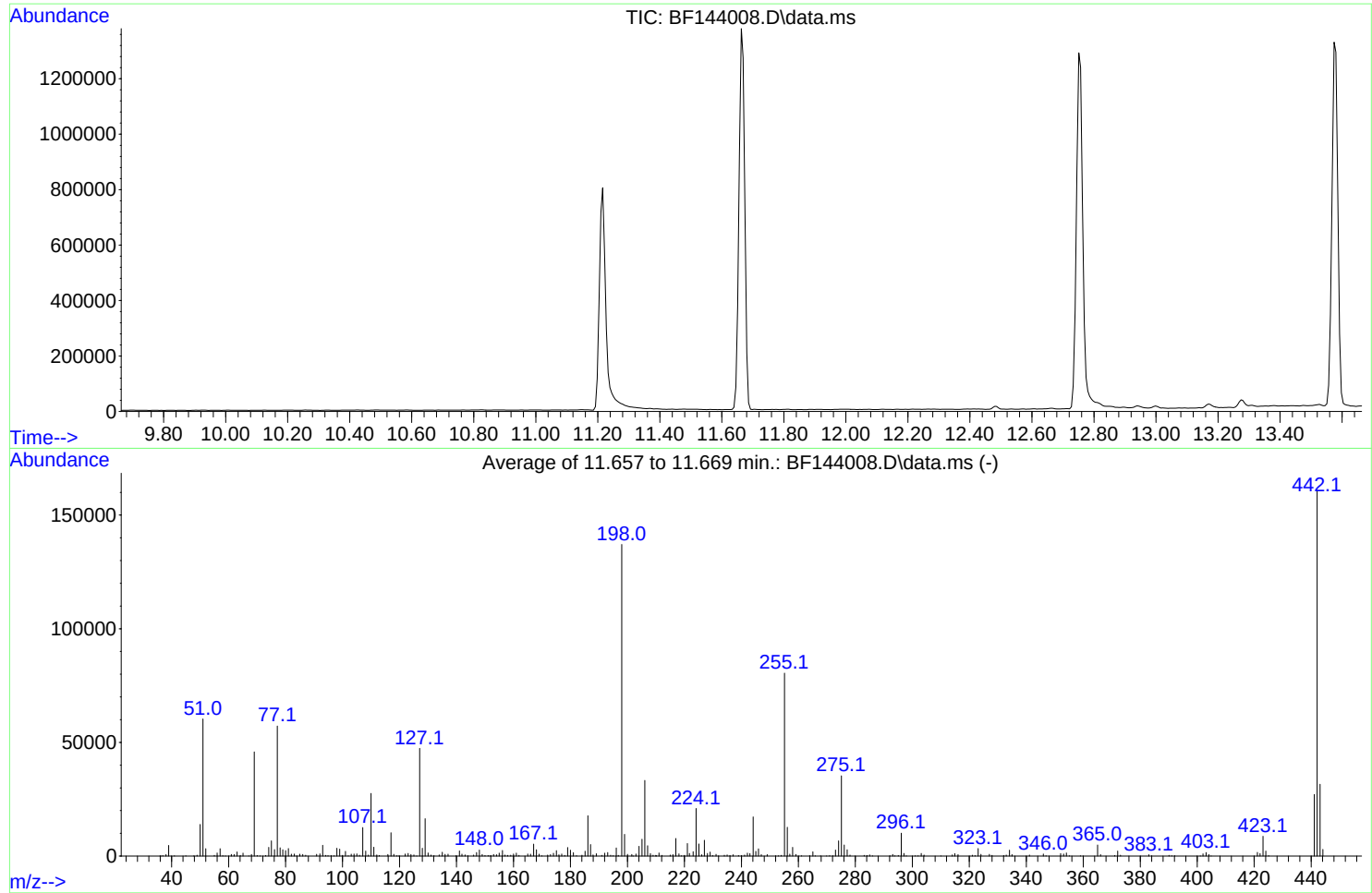
Date	Instrument Name	DFTPP Data File
10/20/2025	BNA_F	<u>BF143996.D</u>
Compound Name	Response	Retention Time
DDT	497907	13.58
DDD	9211	13.28
DDE	3438	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
12649	510556	2.48

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144008.D
Acq On : 21 Oct 2025 12:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



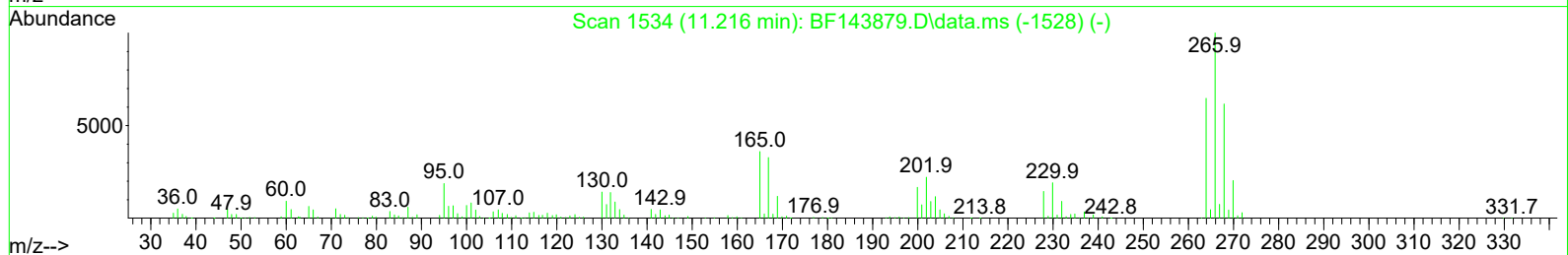
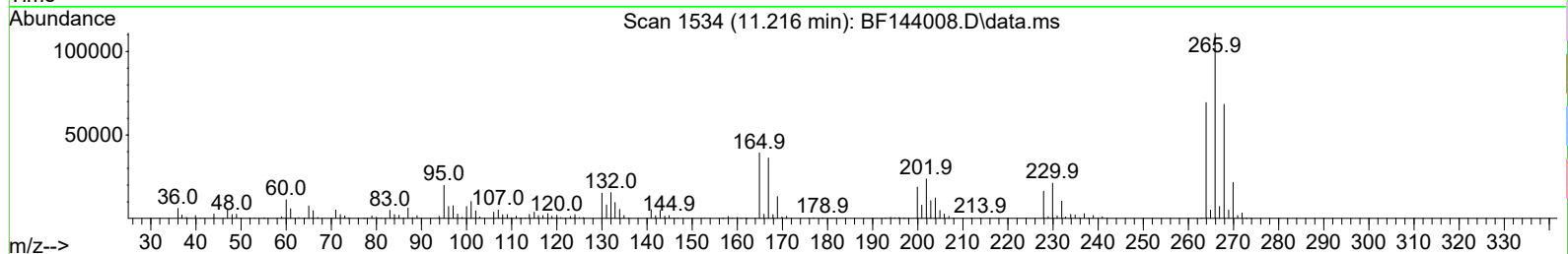
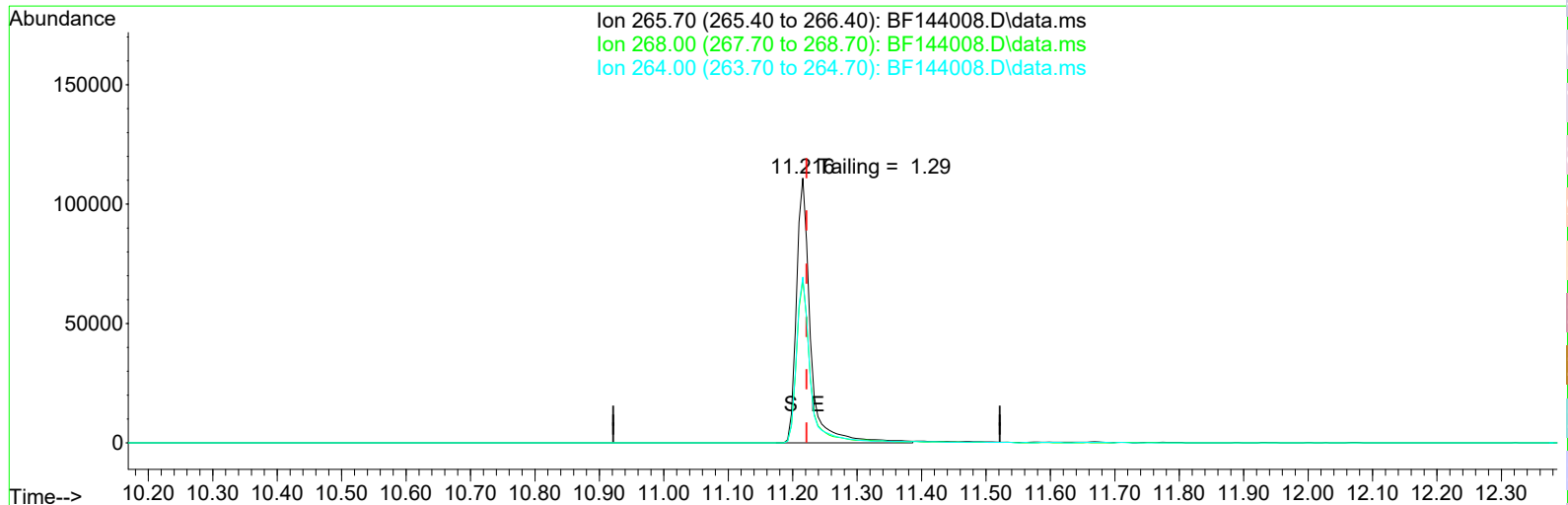
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	715	PASS
69	69	100	100	100.0	45819	PASS
70	69	0.00	2	0.5	248	PASS
197	198	0.00	2	0.2	322	PASS
198	198	100	100	100.0	137115	PASS
199	198	5	9	7.0	9565	PASS
365	198	1	100	3.6	4896	PASS
441	443	0.01	150	85.7	27087	PASS
442	442	100	100	100.0	160408	PASS
443	442	15	24	19.7	31611	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144008.D
Acq On : 21 Oct 2025 12:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 21 13:56:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144008.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 31834.77 ng

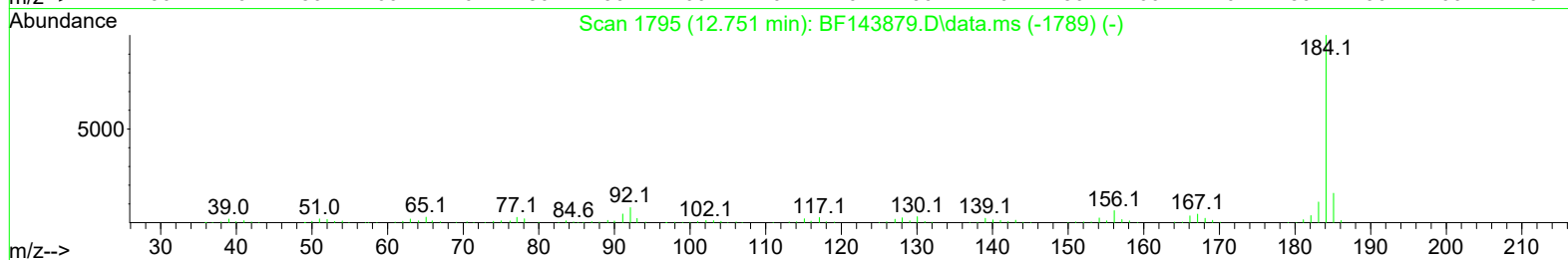
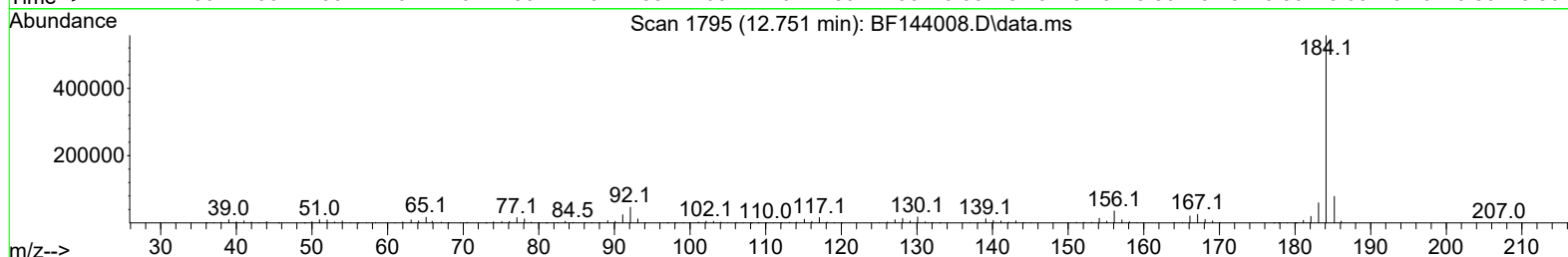
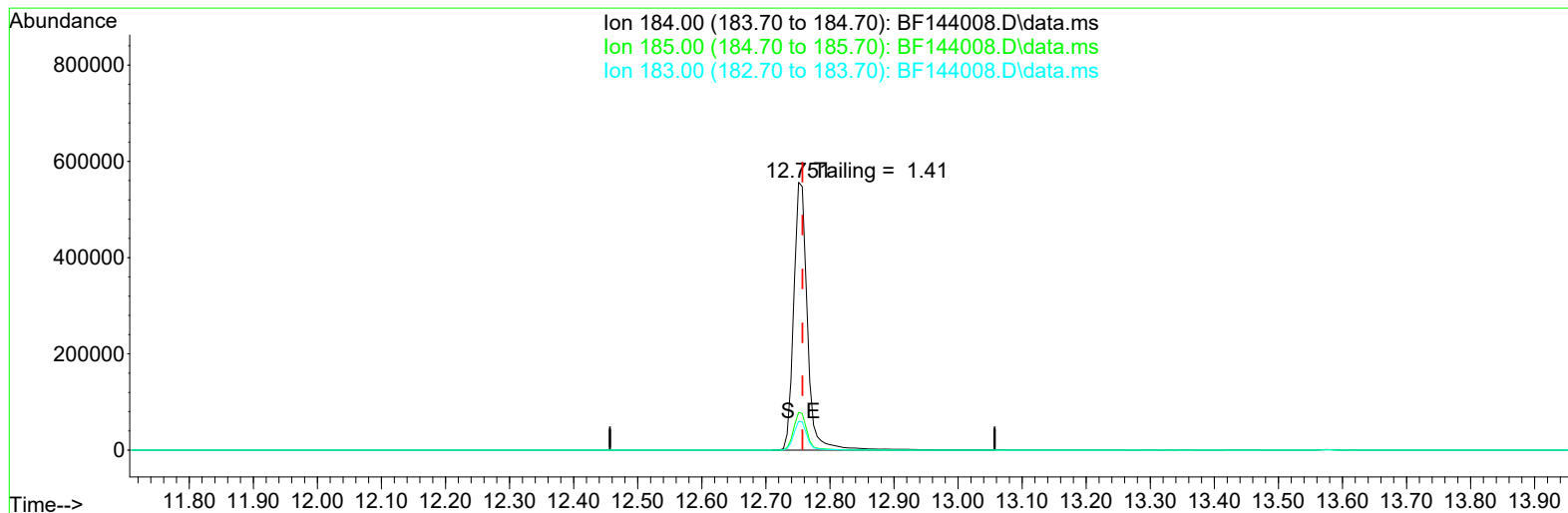
response 169131

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	61.71
264.00	64.70	62.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144008.D
Acq On : 21 Oct 2025 12:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 21 13:56:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144008.D\data.ms

(77) Benzidine

12.751min (-0.006) 0.00 ng

response 827233

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.17
183.00	11.00	10.79
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

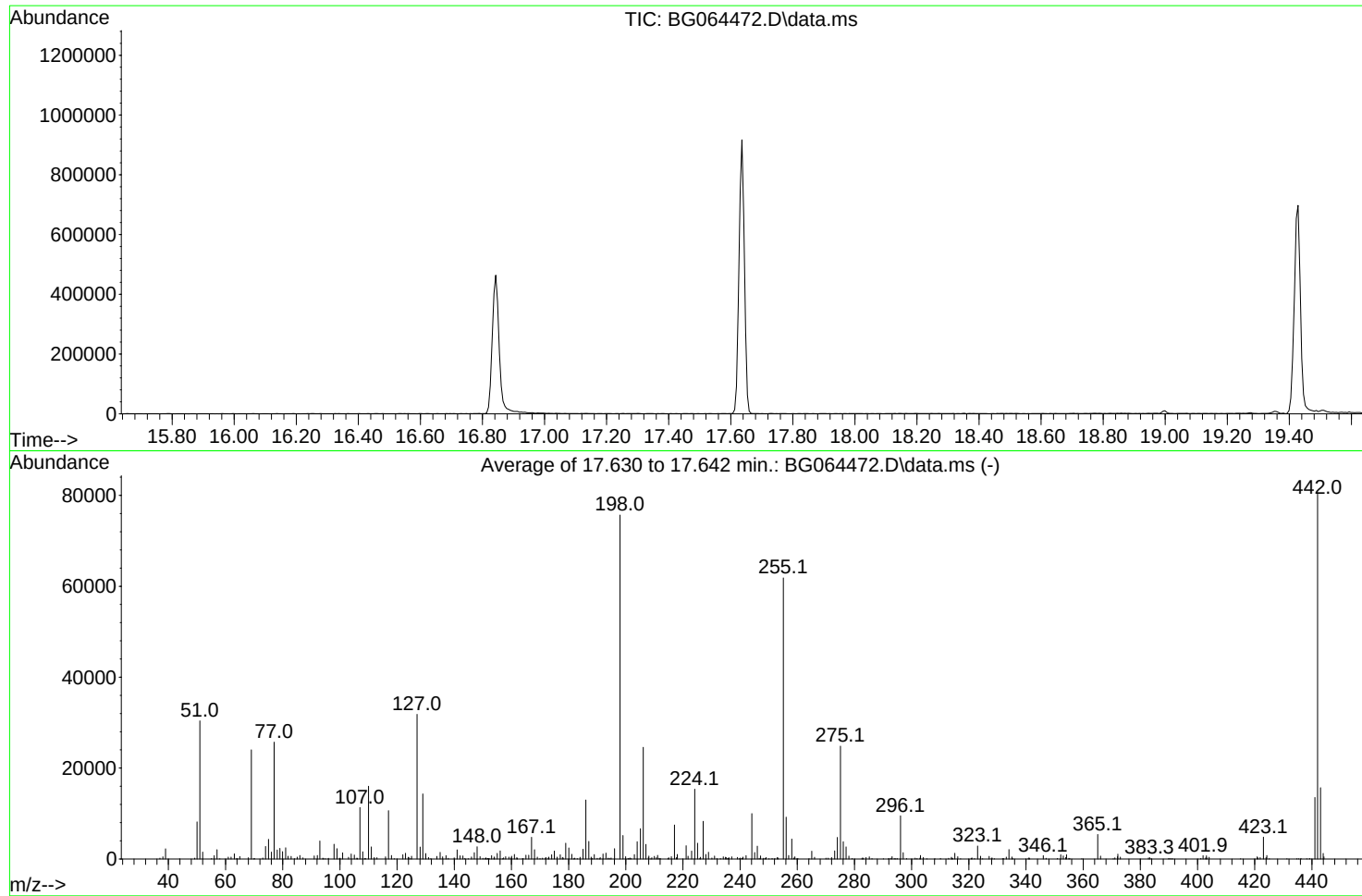
Date	Instrument Name	DFTPP Data File
10/21/2025	BNA_F	<u>BF144008.D</u>
Compound Name	Response	Retention Time
DDT	371363	13.58
DDD	9829	13.274
DDE	2408	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
12237	383600	3.19

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064472.D
Acq On : 2 Oct 2025 8:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025



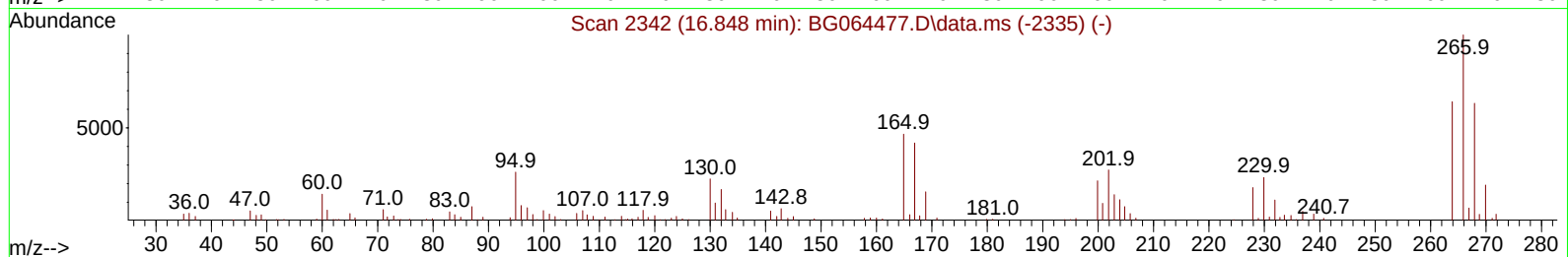
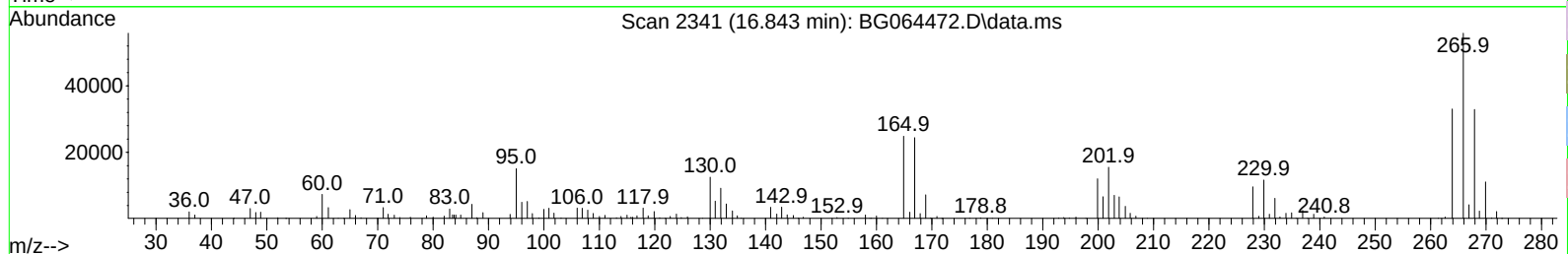
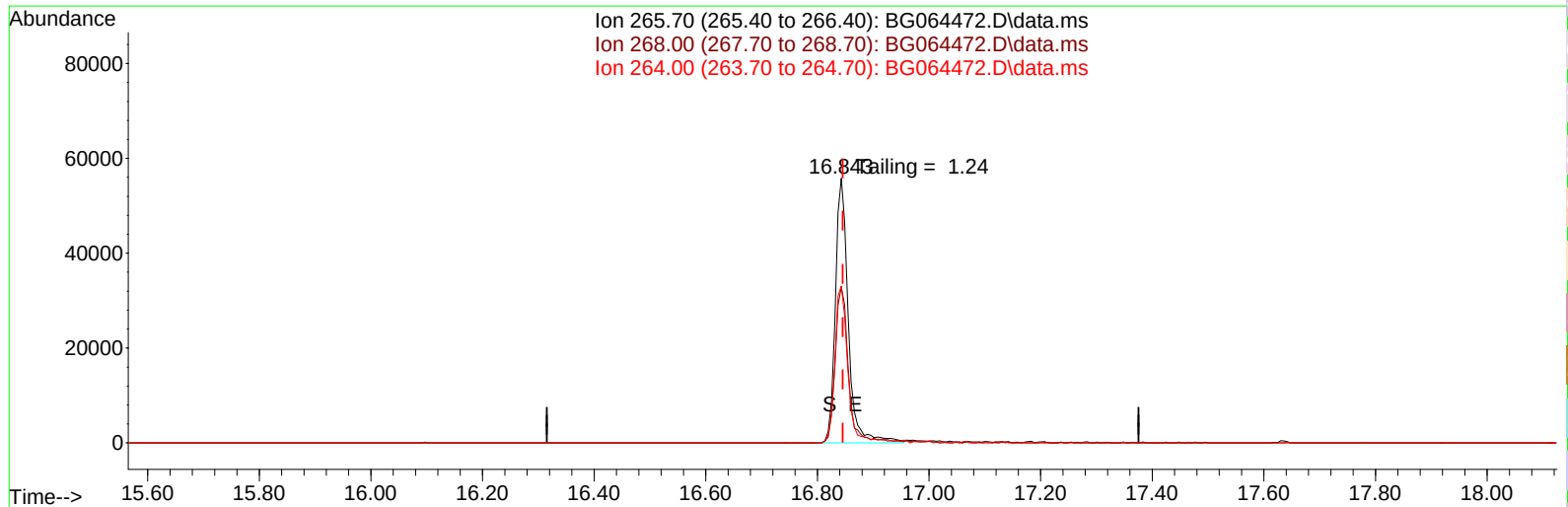
AutoFind: Scans 2475, 2476, 2477; Background Corrected with Scan 2468

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.1	271	PASS
69	69	100	100	100.0	24008	PASS
70	69	0.00	2	0.4	100	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	75675	PASS
199	198	5	9	6.8	5168	PASS
365	198	1	100	7.1	5406	PASS
441	443	0.01	150	86.2	13521	PASS
442	442	100	100	100.0	80341	PASS
443	442	15	24	19.5	15684	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064472.D
Acq On : 2 Oct 2025 8:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 02 18:07:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



TIC: BG064472.D\data.ms

(70) Pentachlorophenol (C)

16.843min (-0.002) 190750.25 ng

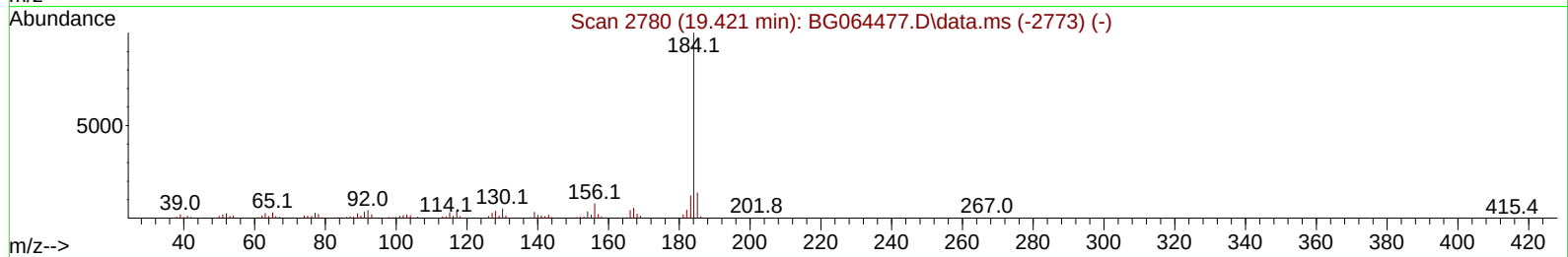
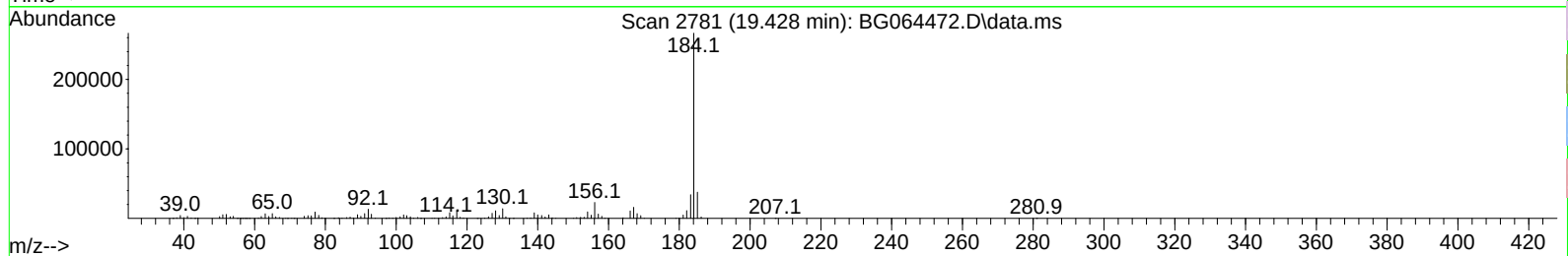
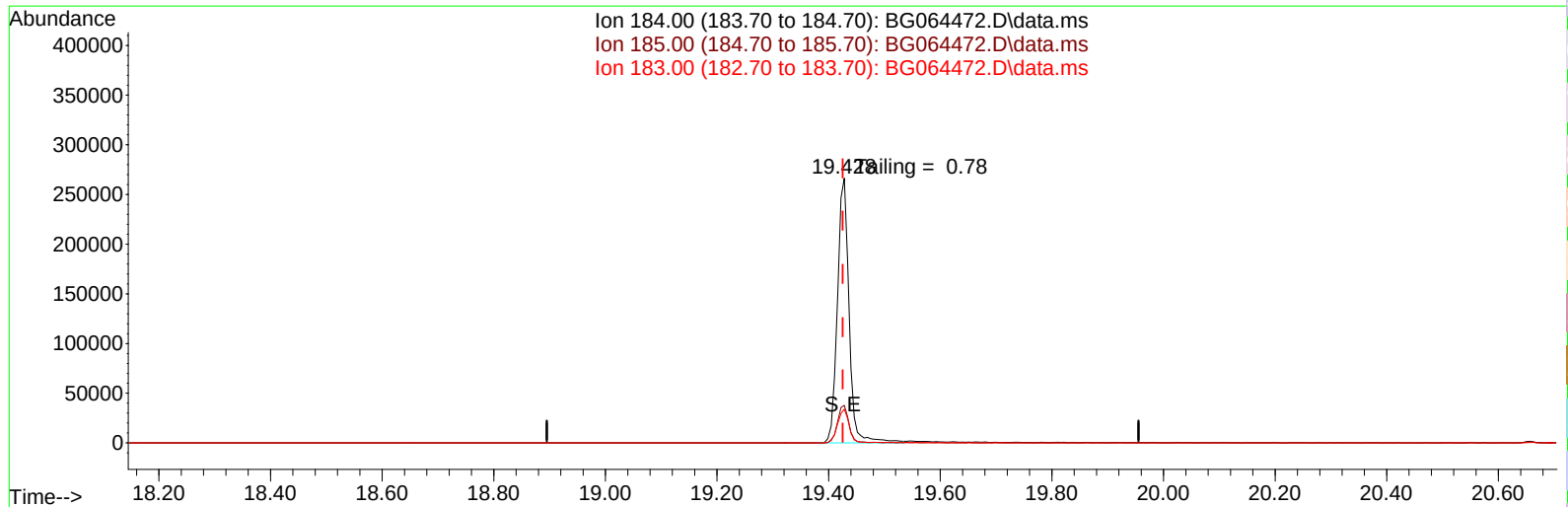
response 90109

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.20	58.97
264.00	64.00	59.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064472.D
Acq On : 2 Oct 2025 8:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 02 18:07:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



TIC: BG064472.D\data.ms

(77) Benzidine

19.428min (+ 0.003) 15488.27 ng

response 385018

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.19
183.00	12.20	12.79
0.00	0.00	0.00

Instrument :

BNA_G

ClientSampleId :

DFTPP

DDT Breakdown

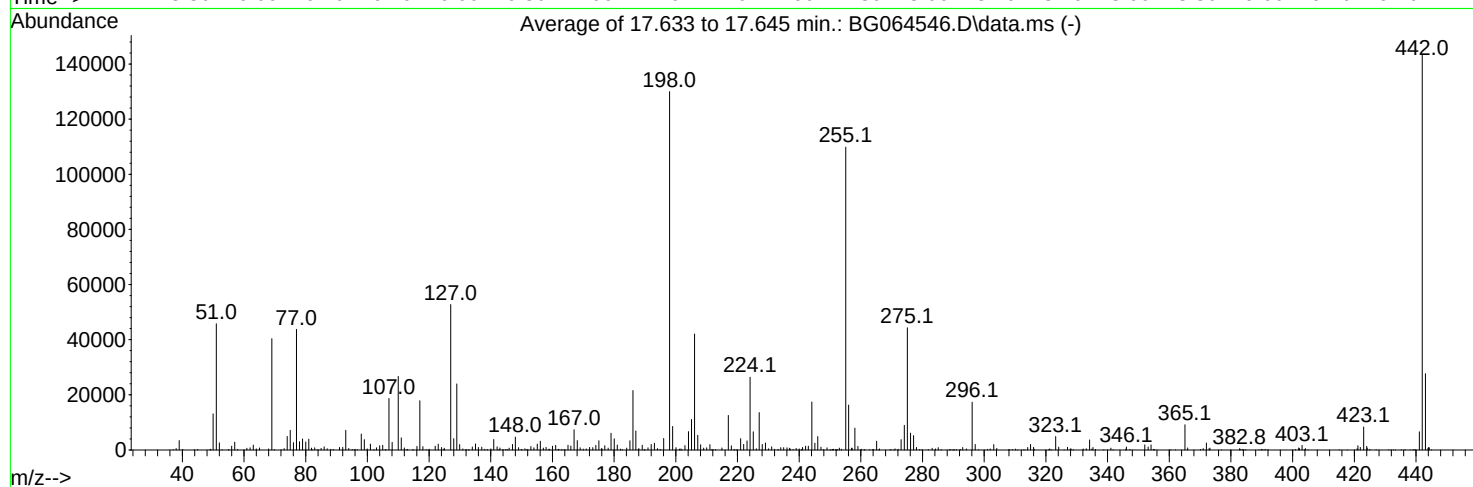
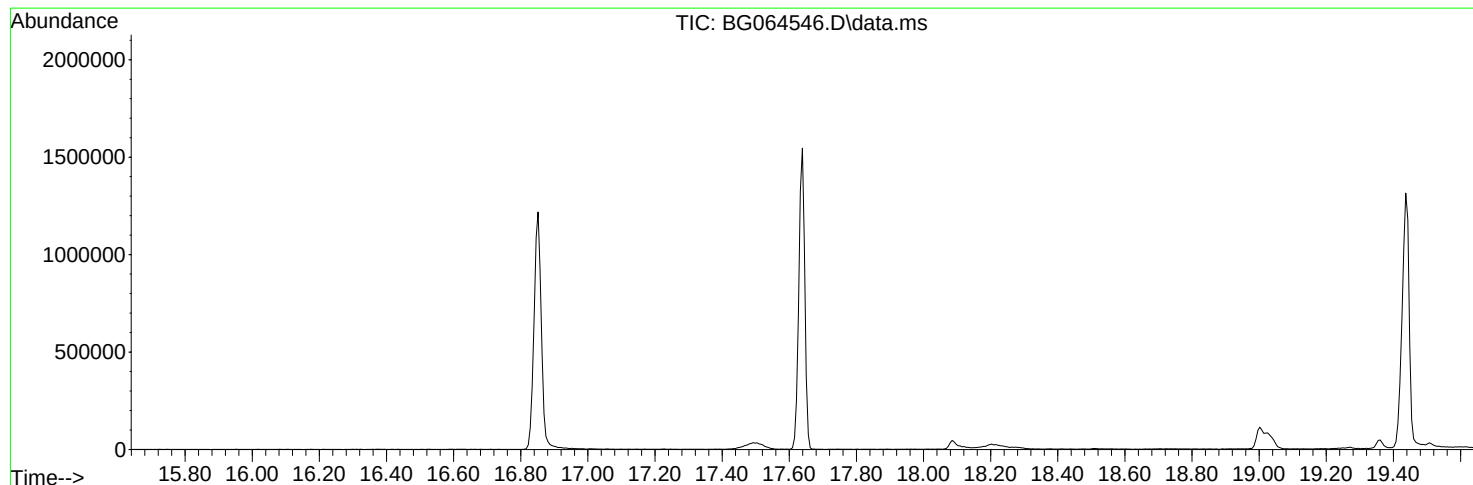
Date	Instrument Name	DFTPP Data File
10/2/2025	BNA_G	<u>BG064472.D</u>
Compound Name	Response	Retention Time
DDT	287203	20.656
DDD	3381	20.221
DDE	0	19.728
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
3381	290584	1.16

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064546.D
Acq On : 20 Oct 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025



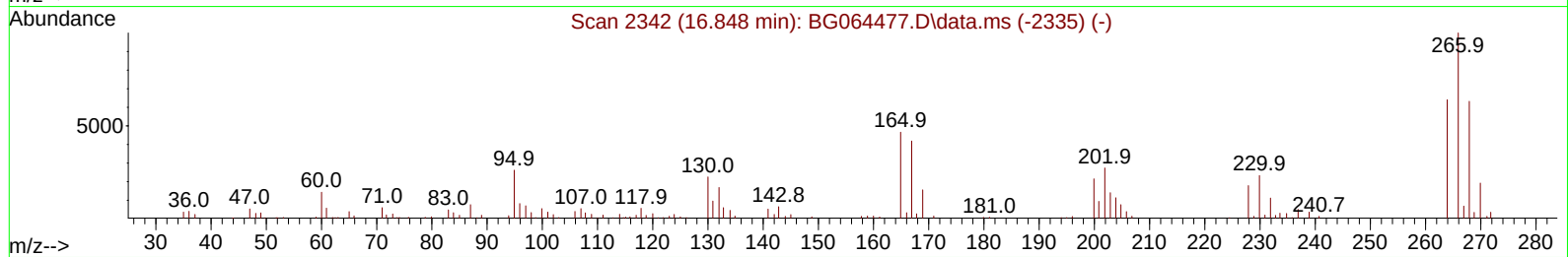
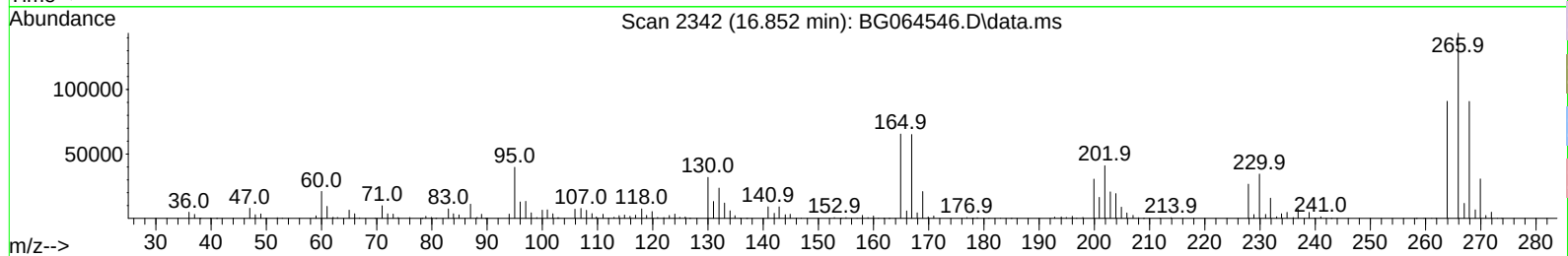
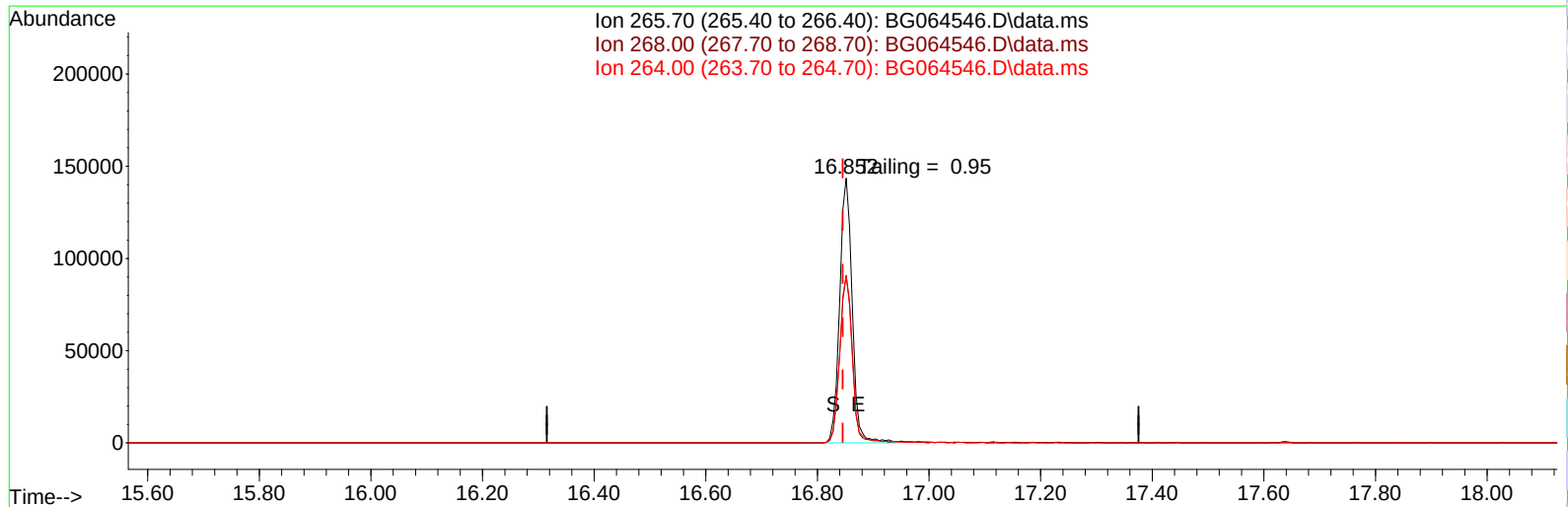
AutoFind: Scans 2475, 2476, 2477; Background Corrected with Scan 2468

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.9	373	PASS
69	69	100	100	100.0	40344	PASS
70	69	0.00	2	0.3	129	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	129981	PASS
199	198	5	9	6.5	8483	PASS
365	198	1	100	7.0	9125	PASS
441	443	0.01	150	23.8	6576	PASS
442	442	100	100	100.0	143235	PASS
443	442	15	24	19.3	27637	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064546.D
Acq On : 20 Oct 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 20 15:49:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



TIC: BG064546.D\data.ms

(70) Pentachlorophenol (C)

16.852min (+ 0.006) 508135.96 ng

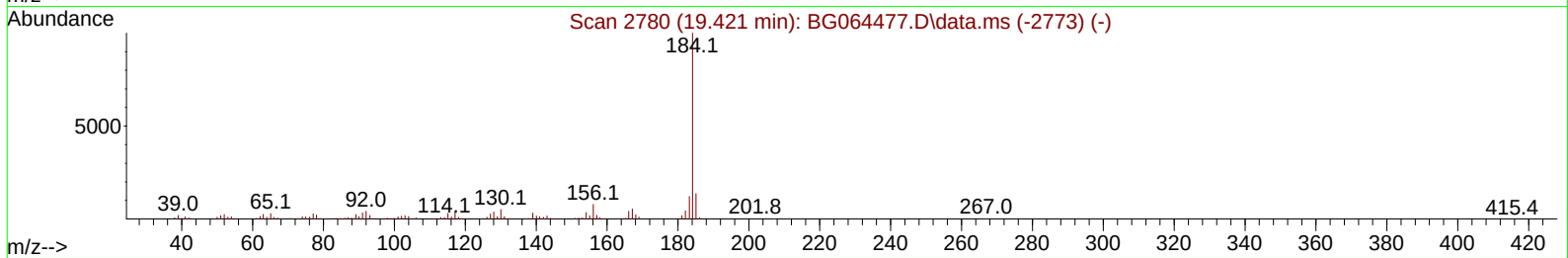
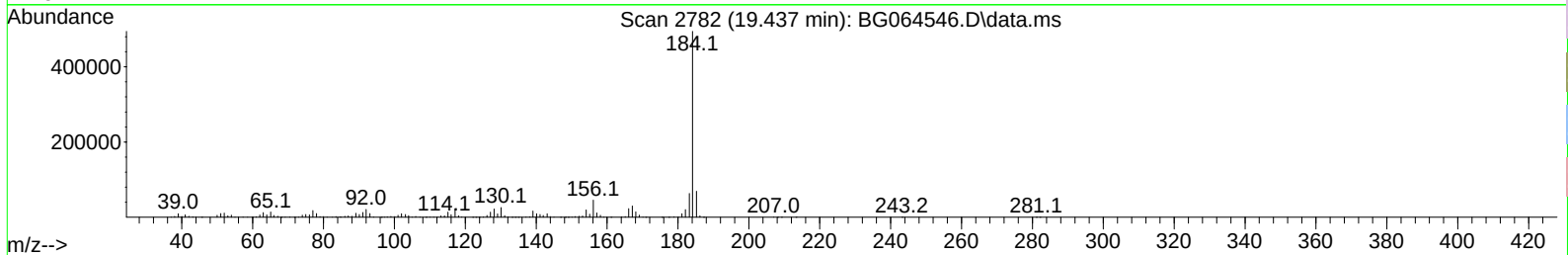
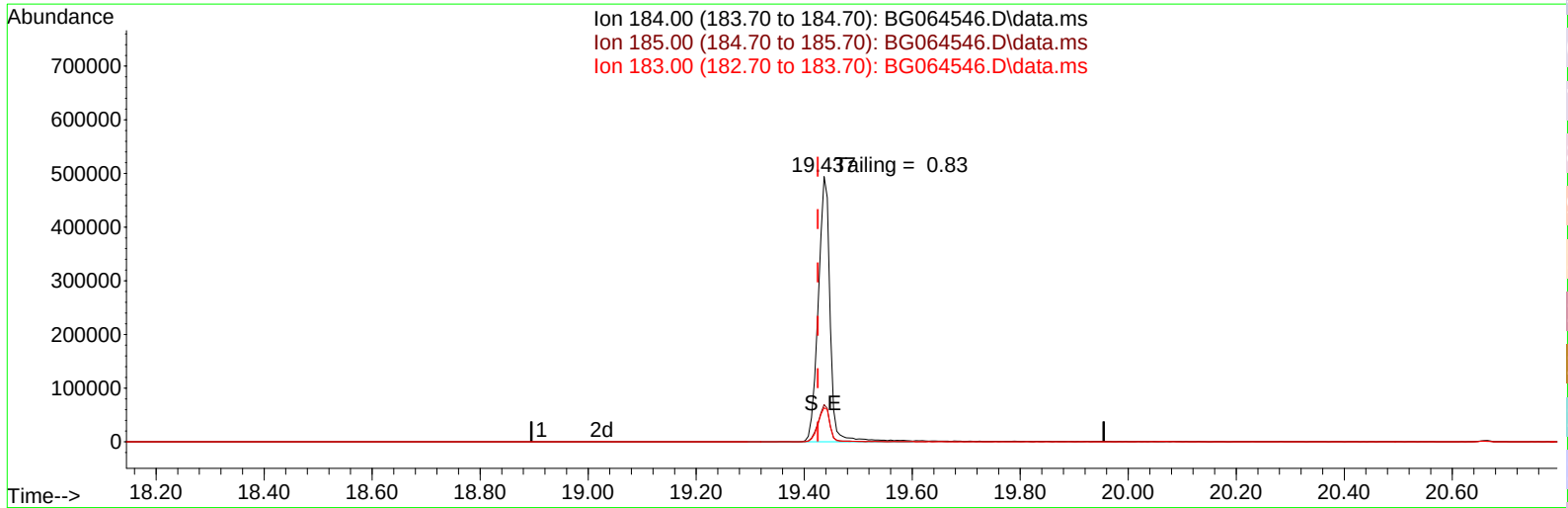
response 224037

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.20	63.21
264.00	64.00	63.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064546.D
Acq On : 20 Oct 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 20 15:49:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



TIC: BG064546.D\data.ms

(77) Benzidine

19.437min (+ 0.012) 4548.02 ng m

response 771146

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.01
183.00	12.20	12.84
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/20/2025	BNA_G	<u>BG064546.D</u>
Compound Name	Response	Retention Time
DDT	515751	20.665
DDD	4166	20.224
DDE	306	18.996
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4472	520223	0.86



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170165BL
Lab Sample ID: PB170165BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:
Date Received:
SDG No.: Q3375
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	330	U	1	160	330	ug/Kg	10/20/25 13:44	PB170165
108-95-2	Phenol	170	U	1	22.1	170	ug/Kg	10/20/25 13:44	PB170165
111-44-4	bis(2-Chloroethyl)ether	170	U	1	24.3	170	ug/Kg	10/20/25 13:44	PB170165
95-57-8	2-Chlorophenol	170	U	1	24.4	170	ug/Kg	10/20/25 13:44	PB170165
95-48-7	2-Methylphenol	170	U	1	29.9	170	ug/Kg	10/20/25 13:44	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	1	37.5	170	ug/Kg	10/20/25 13:44	PB170165
98-86-2	Acetophenone	170	U	1	29.5	170	ug/Kg	10/20/25 13:44	PB170165
65794-96-9	3+4-Methylphenols	330	U	1	41.1	330	ug/Kg	10/20/25 13:44	PB170165
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	1	47.4	79.9	ug/Kg	10/20/25 13:44	PB170165
67-72-1	Hexachloroethane	170	U	1	17.6	170	ug/Kg	10/20/25 13:44	PB170165
98-95-3	Nitrobenzene	170	U	1	18.3	170	ug/Kg	10/20/25 13:44	PB170165
78-59-1	Isophorone	170	U	1	32.8	170	ug/Kg	10/20/25 13:44	PB170165
88-75-5	2-Nitrophenol	170	U	1	58.2	170	ug/Kg	10/20/25 13:44	PB170165
105-67-9	2,4-Dimethylphenol	170	U	1	64.8	170	ug/Kg	10/20/25 13:44	PB170165
111-91-1	bis(2-Chloroethoxy)methane	170	U	1	30.8	170	ug/Kg	10/20/25 13:44	PB170165
120-83-2	2,4-Dichlorophenol	170	U	1	28.3	170	ug/Kg	10/20/25 13:44	PB170165
91-20-3	Naphthalene	170	U	1	22.7	170	ug/Kg	10/20/25 13:44	PB170165
106-47-8	4-Chloroaniline	170	U	1	35.4	170	ug/Kg	10/20/25 13:44	PB170165
87-68-3	Hexachlorobutadiene	170	U	1	25.3	170	ug/Kg	10/20/25 13:44	PB170165
105-60-2	Caprolactam	330	U	1	52.1	330	ug/Kg	10/20/25 13:44	PB170165
59-50-7	4-Chloro-3-methylphenol	170	U	1	28.7	170	ug/Kg	10/20/25 13:44	PB170165
91-57-6	2-Methylnaphthalene	170	U	1	25.6	170	ug/Kg	10/20/25 13:44	PB170165
77-47-4	Hexachlorocyclopentadiene	330	U	1	120	330	ug/Kg	10/20/25 13:44	PB170165
88-06-2	2,4,6-Trichlorophenol	170	U	1	19.8	170	ug/Kg	10/20/25 13:44	PB170165
95-95-4	2,4,5-Trichlorophenol	170	U	1	29.1	170	ug/Kg	10/20/25 13:44	PB170165
92-52-4	1,1-Biphenyl	170	U	1	21.8	170	ug/Kg	10/20/25 13:44	PB170165
91-58-7	2-Chloronaphthalene	170	U	1	22.5	170	ug/Kg	10/20/25 13:44	PB170165
88-74-4	2-Nitroaniline	170	U	1	48.1	170	ug/Kg	10/20/25 13:44	PB170165
131-11-3	Dimethylphthalate	170	U	1	27.1	170	ug/Kg	10/20/25 13:44	PB170165
208-96-8	Acenaphthylene	170	U	1	28.9	170	ug/Kg	10/20/25 13:44	PB170165
606-20-2	2,6-Dinitrotoluene	170	U	1	33.6	170	ug/Kg	10/20/25 13:44	PB170165
99-09-2	3-Nitroaniline	170	U	1	46.0	170	ug/Kg	10/20/25 13:44	PB170165
83-32-9	Acenaphthene	170	U	1	21.3	170	ug/Kg	10/20/25 13:44	PB170165
51-28-5	2,4-Dinitrophenol	330	U	1	230	330	ug/Kg	10/20/25 13:44	PB170165
100-02-7	4-Nitrophenol	330	U	1	110	330	ug/Kg	10/20/25 13:44	PB170165
132-64-9	Dibenzofuran	170	U	1	22.7	170	ug/Kg	10/20/25 13:44	PB170165
121-14-2	2,4-Dinitrotoluene	170	U	1	50.1	170	ug/Kg	10/20/25 13:44	PB170165
84-66-2	Diethylphthalate	170	U	1	28.3	170	ug/Kg	10/20/25 13:44	PB170165
7005-72-3	4-Chlorophenyl-phenylether	170	U	1	26.7	170	ug/Kg	10/20/25 13:44	PB170165
86-73-7	Fluorene	170	U	1	25.3	170	ug/Kg	10/20/25 13:44	PB170165
100-01-6	4-Nitroaniline	170	U	1	64.2	170	ug/Kg	10/20/25 13:44	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	330	U	1	100	330	ug/Kg	10/20/25 13:44	PB170165



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Fax : 908 789 8922

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170165BL
Lab Sample ID: PB170165BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:
Date Received:
SDG No.: Q3375
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	170	U	1	32.9	170	ug/Kg	10/20/25 13:44	PB170165
101-55-3	4-Bromophenyl-phenylether	170	U	1	27.8	170	ug/Kg	10/20/25 13:44	PB170165
118-74-1	Hexachlorobenzene	170	U	1	25.3	170	ug/Kg	10/20/25 13:44	PB170165
1912-24-9	Atrazine	170	U	1	34.0	170	ug/Kg	10/20/25 13:44	PB170165
87-86-5	Pentachlorophenol	330	U	1	51.3	330	ug/Kg	10/20/25 13:44	PB170165
85-01-8	Phenanthrene	170	U	1	20.9	170	ug/Kg	10/20/25 13:44	PB170165
120-12-7	Anthracene	170	U	1	33.3	170	ug/Kg	10/20/25 13:44	PB170165
86-74-8	Carbazole	170	U	1	31.2	170	ug/Kg	10/20/25 13:44	PB170165
84-74-2	Di-n-butylphthalate	170	U	1	47.9	170	ug/Kg	10/20/25 13:44	PB170165
206-44-0	Fluoranthene	170	U	1	30.0	170	ug/Kg	10/20/25 13:44	PB170165
129-00-0	Pyrene	170	U	1	36.0	170	ug/Kg	10/20/25 13:44	PB170165
85-68-7	Butylbenzylphthalate	170	U	1	71.4	170	ug/Kg	10/20/25 13:44	PB170165
91-94-1	3,3-Dichlorobenzidine	330	U	1	36.7	330	ug/Kg	10/20/25 13:44	PB170165
56-55-3	Benzo(a)anthracene	170	U	1	23.0	170	ug/Kg	10/20/25 13:44	PB170165
218-01-9	Chrysene	170	U	1	19.9	170	ug/Kg	10/20/25 13:44	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	1	59.2	170	ug/Kg	10/20/25 13:44	PB170165
117-84-0	Di-n-octyl phthalate	330	U	1	86.7	330	ug/Kg	10/20/25 13:44	PB170165
205-99-2	Benzo(b)fluoranthene	170	U	1	19.0	170	ug/Kg	10/20/25 13:44	PB170165
207-08-9	Benzo(k)fluoranthene	170	U	1	22.4	170	ug/Kg	10/20/25 13:44	PB170165
50-32-8	Benzo(a)pyrene	170	U	1	29.5	170	ug/Kg	10/20/25 13:44	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	1	29.1	170	ug/Kg	10/20/25 13:44	PB170165
53-70-3	Dibenzo(a,h)anthracene	170	U	1	27.4	170	ug/Kg	10/20/25 13:44	PB170165
191-24-2	Benzo(g,h,i)perylene	170	U	1	25.7	170	ug/Kg	10/20/25 13:44	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	1	25.6	170	ug/Kg	10/20/25 13:44	PB170165
123-91-1	1,4-Dioxane	170	U	1	45.2	170	ug/Kg	10/20/25 13:44	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1	27.4	170	ug/Kg	10/20/25 13:44	PB170165

SURROGATES

367-12-4	2-Fluorophenol	143		18 - 112	95%	SPK: 150
13127-88-3	Phenol-d6	133		15 - 107	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.4		18 - 107	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.2		20 - 109	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		10 - 116	105%	SPK: 150
1718-51-0	Terphenyl-d14	103		10 - 105	103%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1	14400
1146-65-2	55200
15067-26-2	43900
1517-22-2	117000
1719-03-5	124000
1520-96-3	135000

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170165BL		SDG No.:	Q3375
Lab Sample ID:	PB170165BL		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Time: Oct 20 14:55:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	14412	20.000	ng	# 0.00
21) Naphthalene-d8	10.603	136	55177	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	43937	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	117288	20.000	ng	0.00
76) Chrysene-d12	21.414	240	124365	20.000	ng	0.00
86) Perylene-d12	24.410	264	134795	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	111386	143.034	ng	0.00
7) Phenol-d6	6.995	99	139419	133.224	ng	0.00
23) Nitrobenzene-d5	8.970	82	98938	96.415	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	125958	158.155	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	286706	96.184	ng	0.00
79) Terphenyl-d14	19.810	244	678969	103.321	ng	0.00

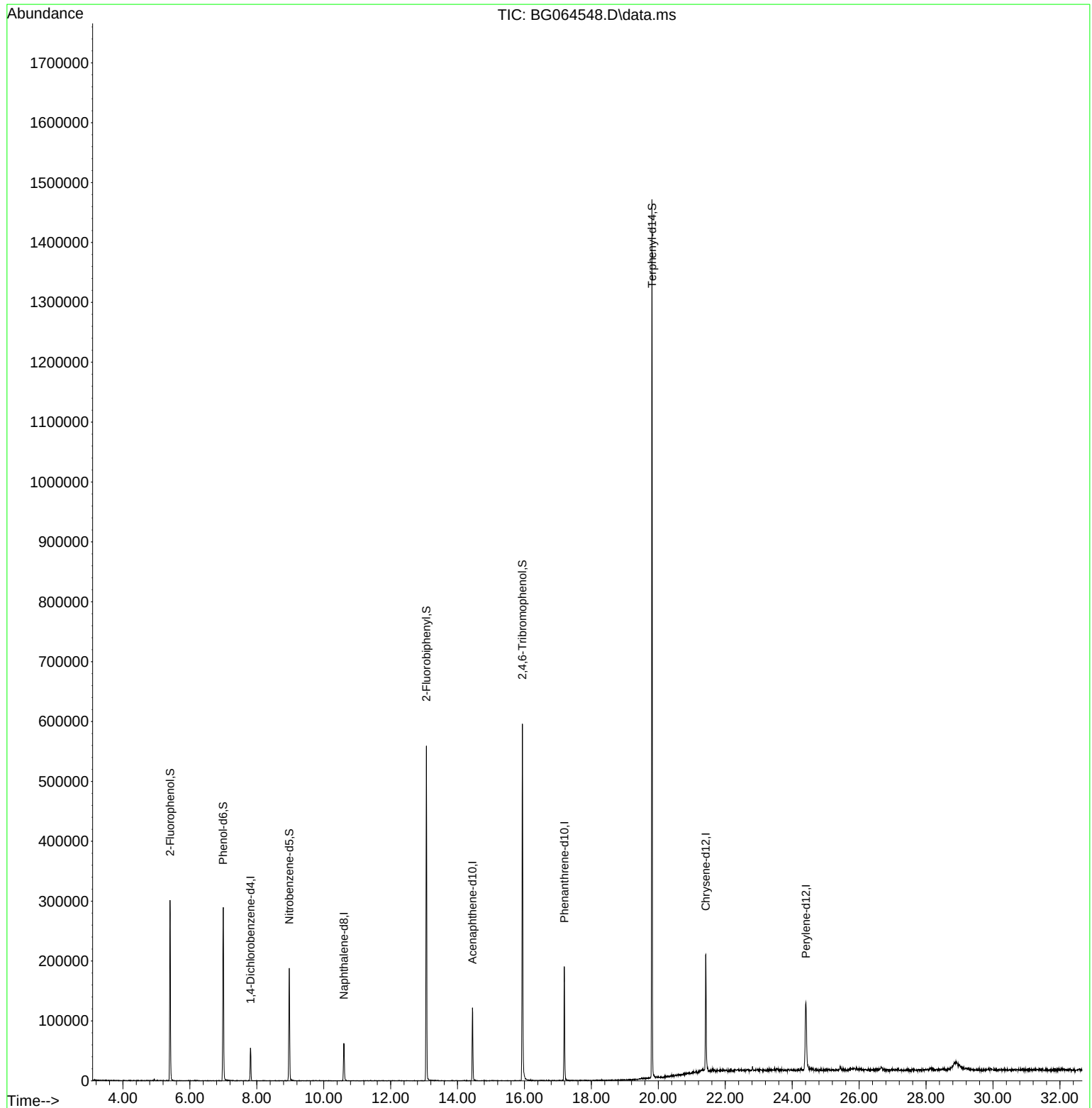
Target Compounds	Qvalue
------------------	--------

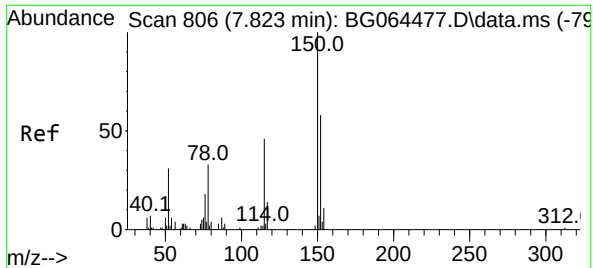
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Time: Oct 20 14:55:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

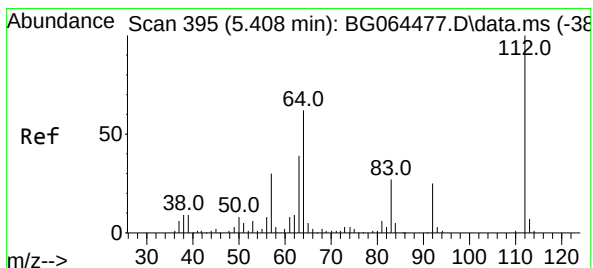
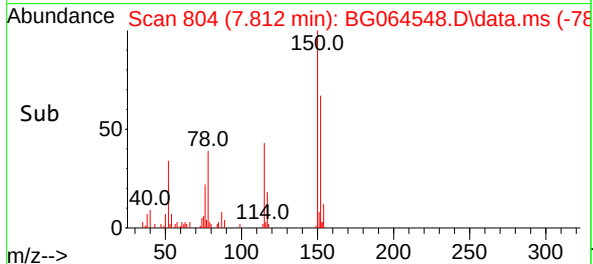
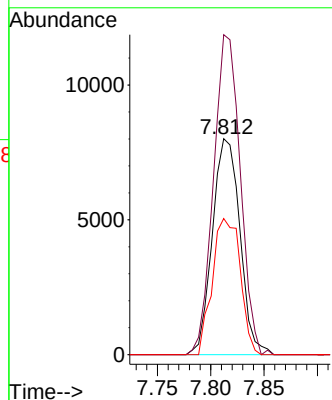
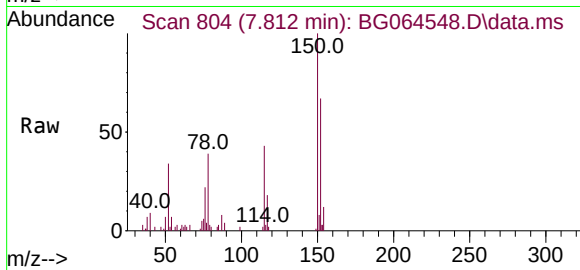




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.008 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

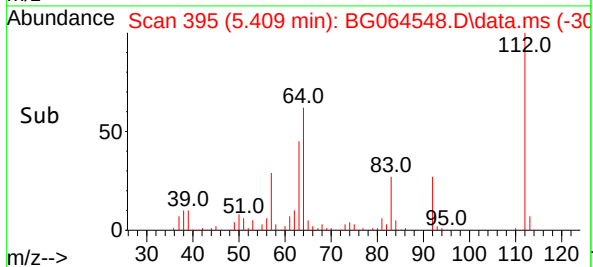
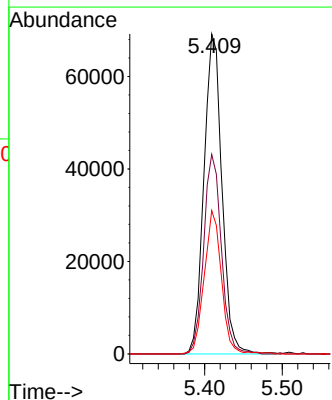
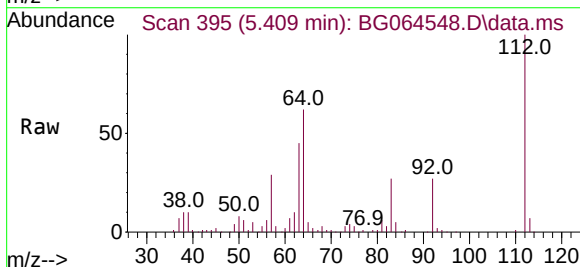
Instrument :
BNA_G
ClientSampleId :
PB170165BL

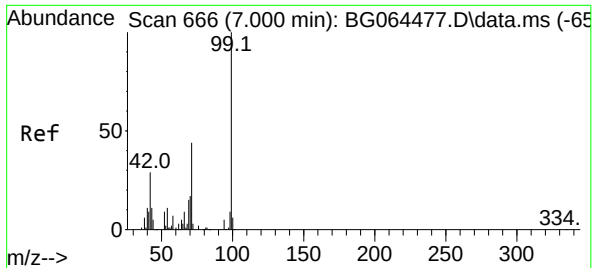
Tgt Ion	152	Resp	14412
Ion Ratio	Lower	Upper	
152	100		
150	148.2	138.6	207.8
115	63.1	63.4	95.2



#5
2-Fluorophenol
Concen: 143.034 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion	112	Resp	111386
Ion Ratio	Lower	Upper	
112	100		
64	62.3	49.8	74.8
63	44.8	31.3	46.9

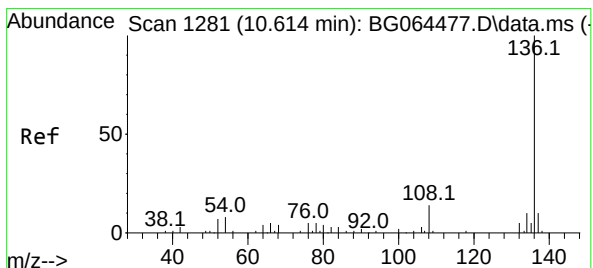
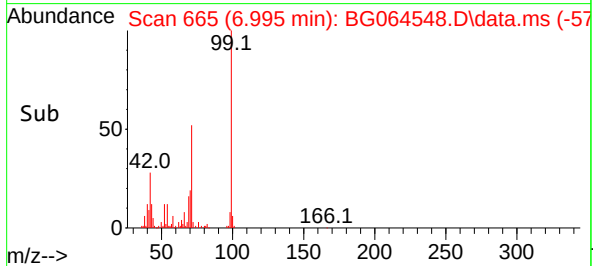
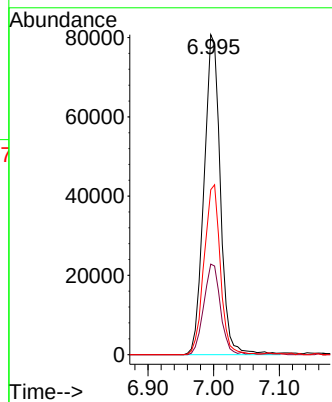
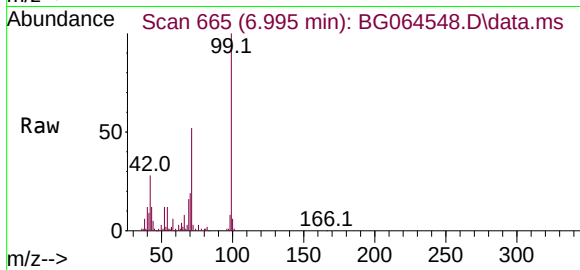




#7
Phenol-d6
Concen: 133.224 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

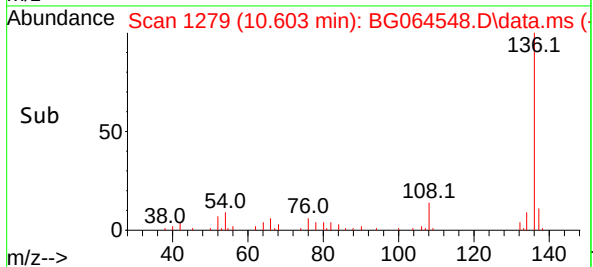
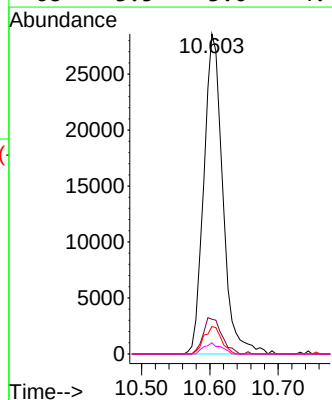
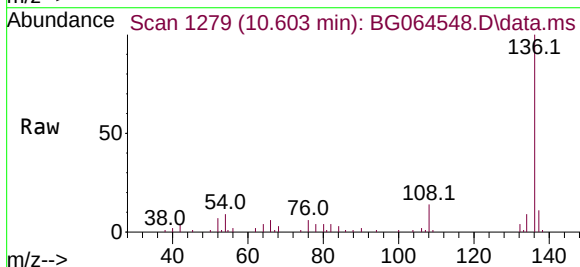
Instrument :
BNA_G
ClientSampleId :
PB170165BL

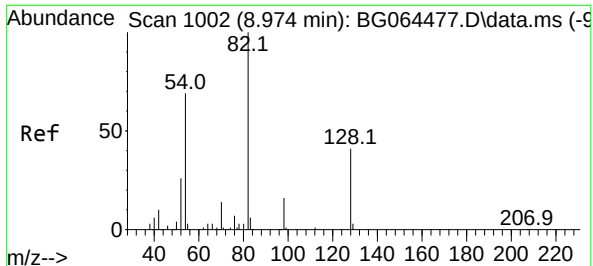
Tgt Ion: 99 Resp: 139419
Ion Ratio Lower Upper
99 100
42 28.3 22.9 34.3
71 51.6 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion: 136 Resp: 55177
Ion Ratio Lower Upper
136 100
137 10.8 8.3 12.5
54 9.2 6.2 9.4
68 3.5 3.0 4.4





#23

Nitrobenzene-d5

Concen: 96.415 ng

RT: 8.970 min Scan# 10

Delta R.T. 0.003 min

Lab File: BG064548.D

Acq: 20 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

PB170165BL

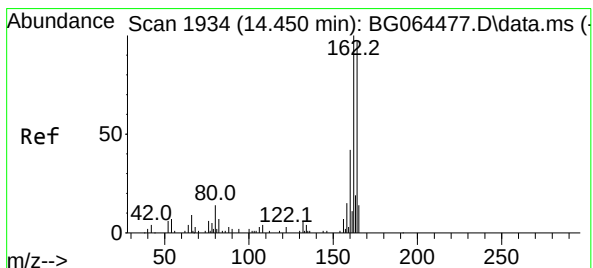
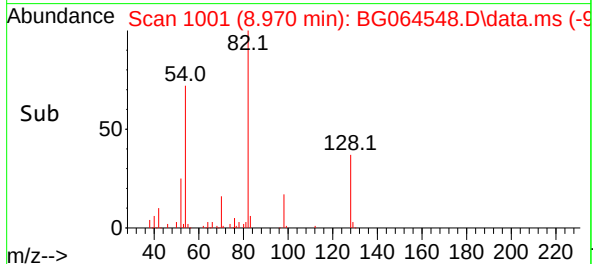
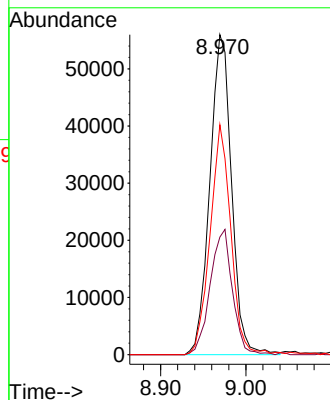
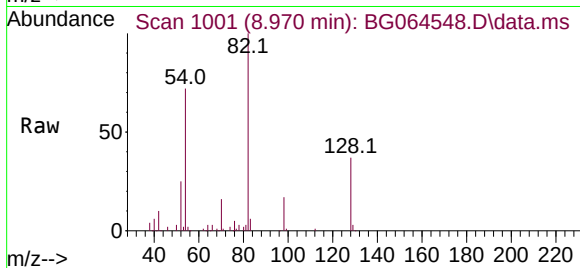
Tgt Ion: 82 Resp: 98938

Ion Ratio Lower Upper

82 100

128 36.7 33.1 49.7

54 71.8 55.4 83.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG064548.D

Acq: 20 Oct 2025 13:44

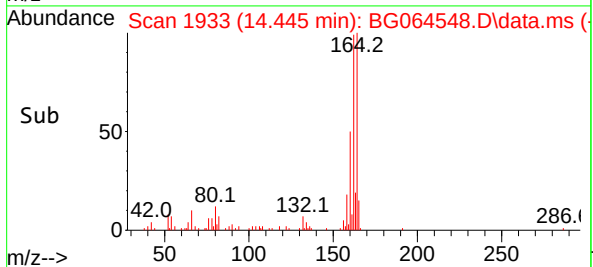
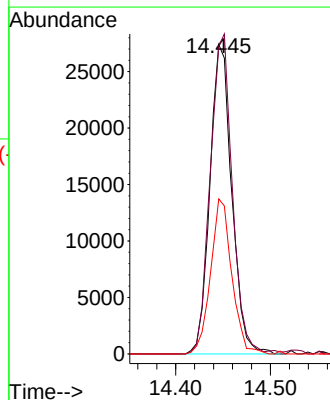
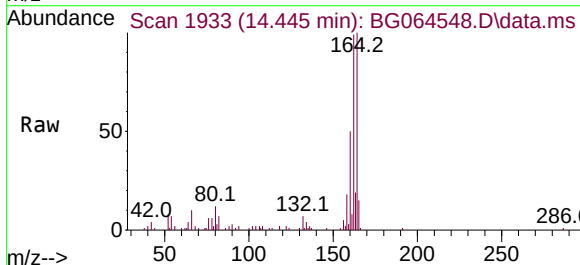
Tgt Ion: 164 Resp: 43937

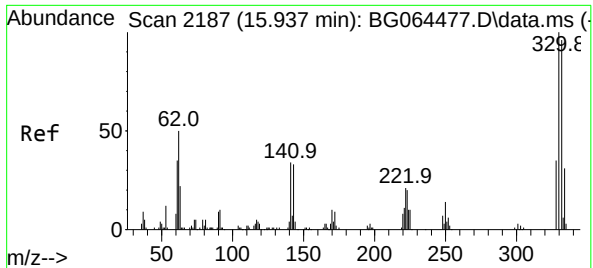
Ion Ratio Lower Upper

164 100

162 99.4 82.2 123.2

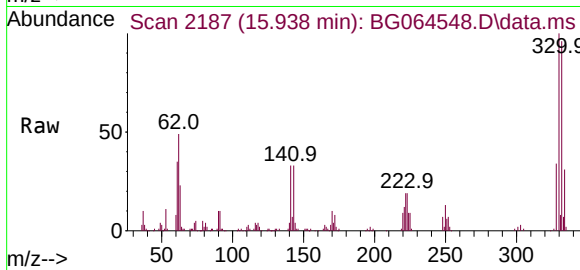
160 50.1 34.3 51.5



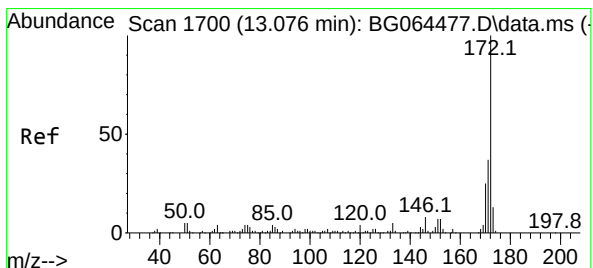
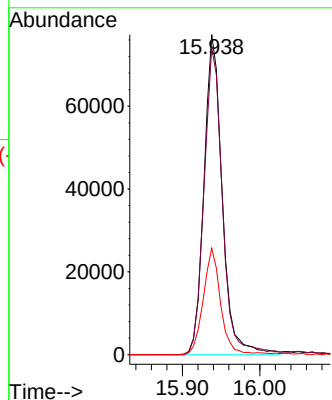
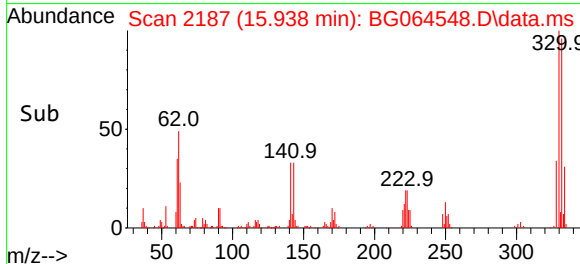


#42
2,4,6-Tribromophenol
Concen: 158.155 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

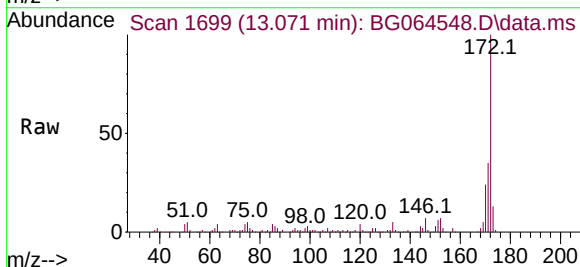
Instrument :
BNA_G
ClientSampleId :
PB170165BL



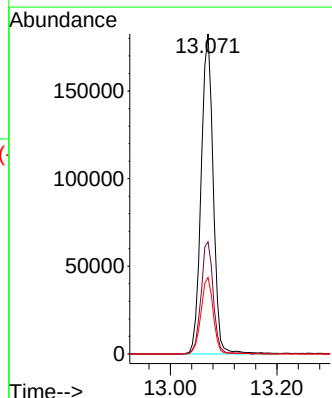
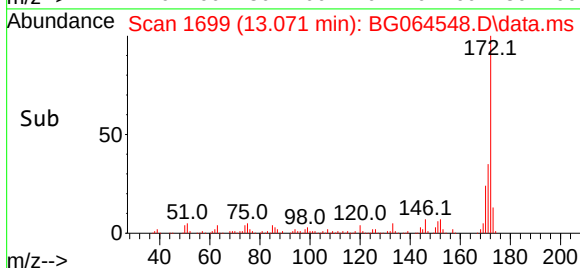
Tgt Ion:330 Resp: 125958
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 32.2 25.8 38.6

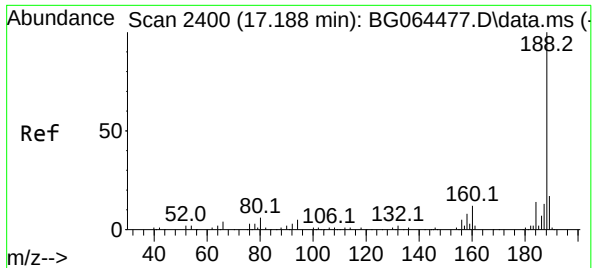


#45
2-Fluorobiphenyl
Concen: 96.184 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44



Tgt Ion:172 Resp: 286706
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.9 20.2 30.2

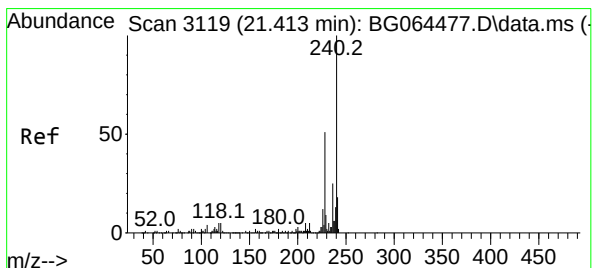
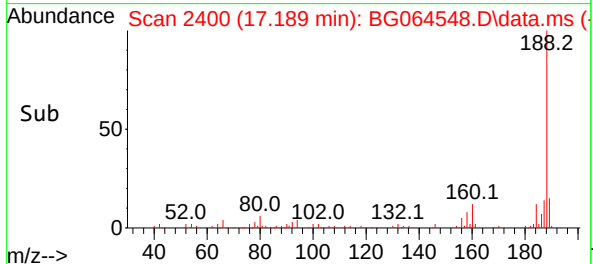
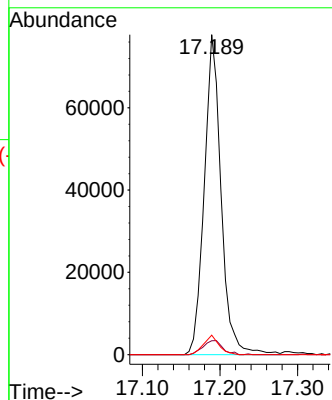
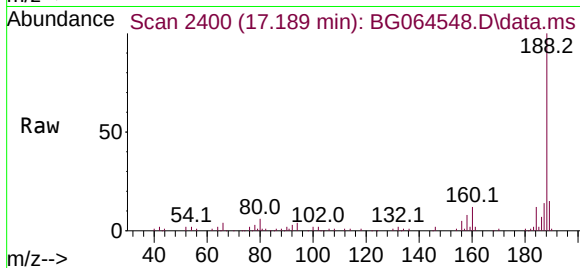




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

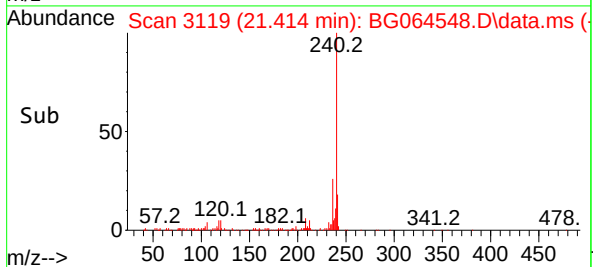
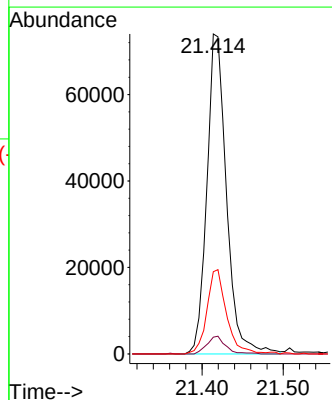
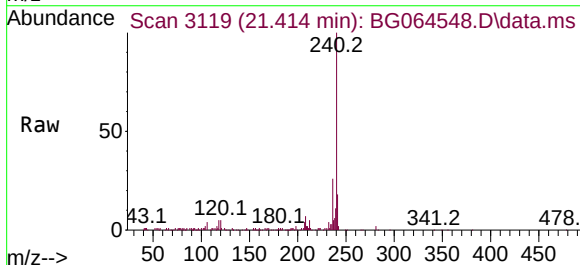
Instrument :
BNA_G
ClientSampleId :
PB170165BL

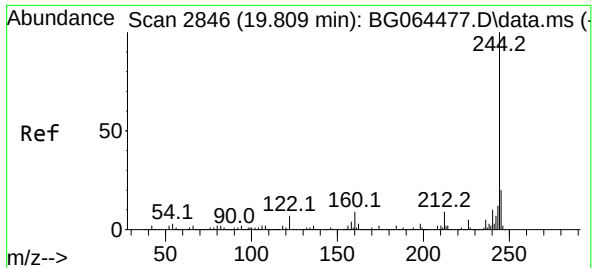
Tgt Ion:188 Resp: 117288
Ion Ratio Lower Upper
188 100
94 4.3 3.7 5.5
80 6.1 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:240 Resp: 124365
Ion Ratio Lower Upper
240 100
120 5.2 4.3 6.5
236 25.7 20.4 30.6

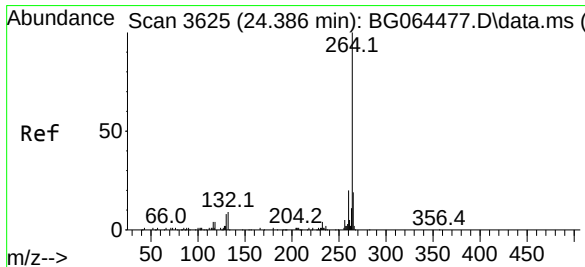
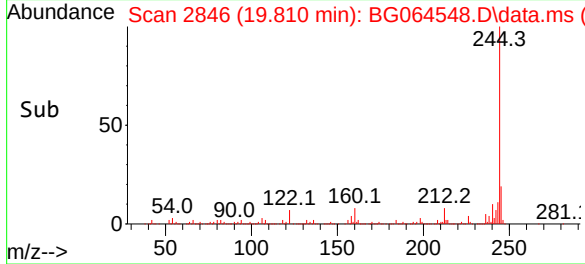
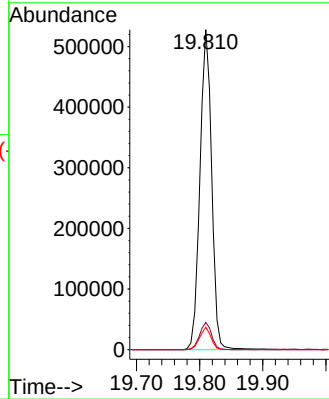
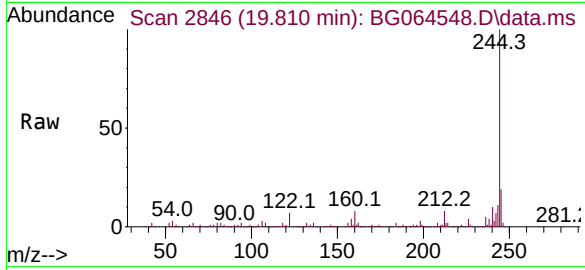




#79
Terphenyl-d14
Concen: 103.321 ng
RT: 19.810 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

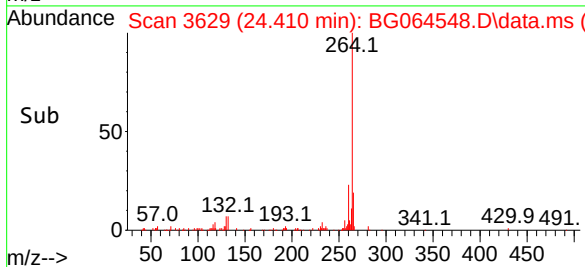
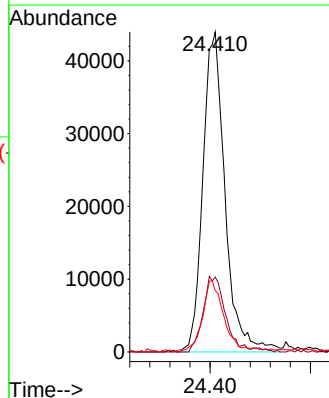
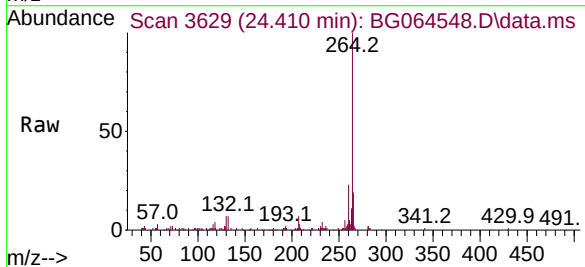
Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:244 Resp: 678969
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 7.0 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.410 min Scan# 3629
Delta R.T. 0.021 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:264 Resp: 134795
Ion Ratio Lower Upper
264 100
260 23.4 16.2 24.4
265 19.1 15.0 22.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.409	387	395	406	rBV	301753	481857	25.69%	7.617%
2	7.001	658	666	675	rBV	289622	505654	26.96%	7.993%
3	7.812	798	804	812	rBV	54563	91294	4.87%	1.443%
4	8.970	994	1001	1012	rBV	188022	336203	17.93%	5.314%
5	10.603	1273	1279	1290	rBV	62445	117726	6.28%	1.861%
6	13.071	1692	1699	1707	rBV	558315	866387	46.20%	13.695%
7	14.445	1926	1933	1941	rBV	121901	191629	10.22%	3.029%
8	15.938	2180	2187	2202	rBV	595616	937396	49.99%	14.818%
9	17.189	2394	2400	2412	rBV	190339	285650	15.23%	4.515%
10	19.810	2840	2846	2855	rBV	1465912	1875319	100.00%	29.644%
11	21.420	3114	3120	3129	rBV	192282	316348	16.87%	5.001%
12	24.410	3619	3629	3638	rBV2	111010	320693	17.10%	5.069%

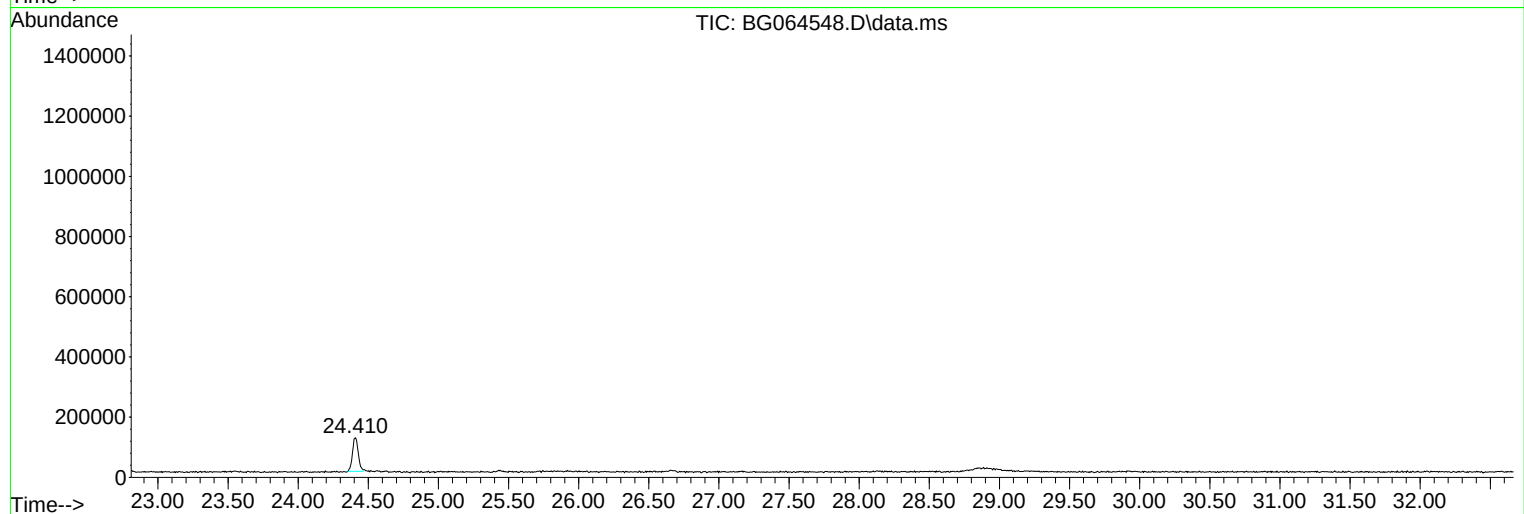
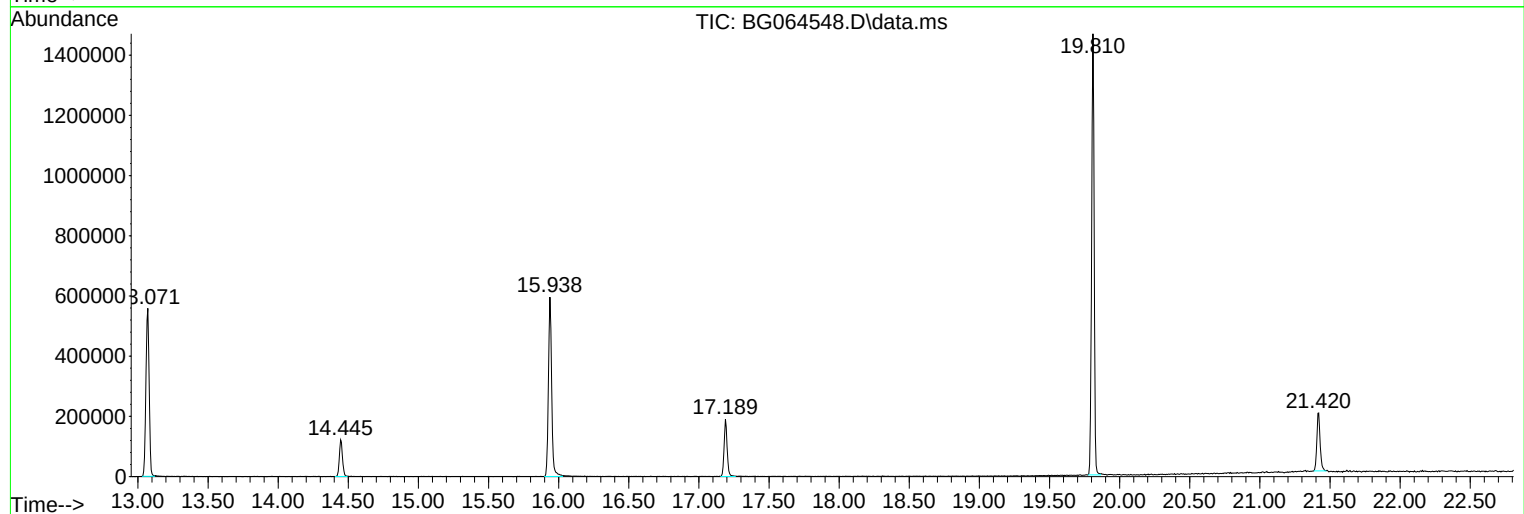
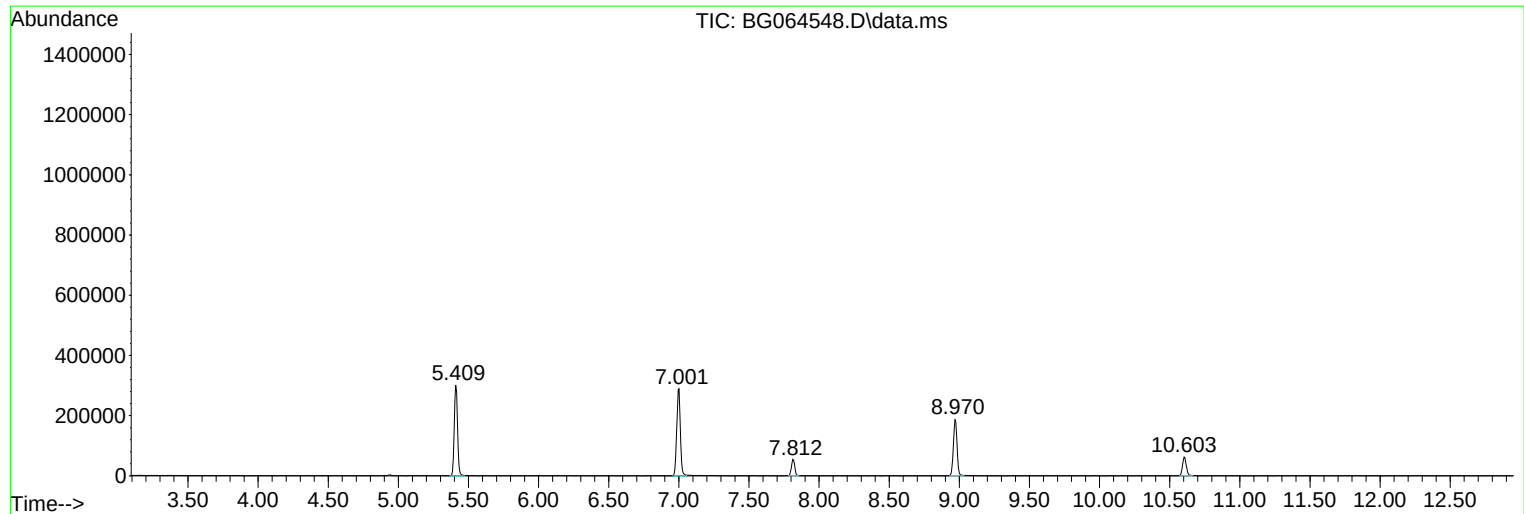
Sum of corrected areas: 6326156

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170165BS
Lab Sample ID: PB170165BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:
Date Received:
SDG No.: Q3375
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	630		1	160	330	ug/Kg	10/20/25 14:25	PB170165
108-95-2	Phenol	1500		1	22.1	170	ug/Kg	10/20/25 14:25	PB170165
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	10/20/25 14:25	PB170165
95-57-8	2-Chlorophenol	1500		1	24.4	170	ug/Kg	10/20/25 14:25	PB170165
95-48-7	2-Methylphenol	1500		1	29.9	170	ug/Kg	10/20/25 14:25	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	1200		1	37.5	170	ug/Kg	10/20/25 14:25	PB170165
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	10/20/25 14:25	PB170165
65794-96-9	3+4-Methylphenols	1500		1	41.1	330	ug/Kg	10/20/25 14:25	PB170165
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	10/20/25 14:25	PB170165
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	10/20/25 14:25	PB170165
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	10/20/25 14:25	PB170165
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	10/20/25 14:25	PB170165
88-75-5	2-Nitrophenol	1500		1	58.1	170	ug/Kg	10/20/25 14:25	PB170165
105-67-9	2,4-Dimethylphenol	1700		1	64.7	170	ug/Kg	10/20/25 14:25	PB170165
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	10/20/25 14:25	PB170165
120-83-2	2,4-Dichlorophenol	1600		1	28.3	170	ug/Kg	10/20/25 14:25	PB170165
91-20-3	Naphthalene	1500		1	22.7	170	ug/Kg	10/20/25 14:25	PB170165
106-47-8	4-Chloroaniline	900		1	35.4	170	ug/Kg	10/20/25 14:25	PB170165
87-68-3	Hexachlorobutadiene	1600		1	25.3	170	ug/Kg	10/20/25 14:25	PB170165
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	10/20/25 14:25	PB170165
59-50-7	4-Chloro-3-methylphenol	1600		1	28.7	170	ug/Kg	10/20/25 14:25	PB170165
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	10/20/25 14:25	PB170165
77-47-4	Hexachlorocyclopentadiene	4200	E	1	120	330	ug/Kg	10/20/25 14:25	PB170165
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	10/20/25 14:25	PB170165
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	170	ug/Kg	10/20/25 14:25	PB170165
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	10/20/25 14:25	PB170165
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	10/20/25 14:25	PB170165
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	10/20/25 14:25	PB170165
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	10/20/25 14:25	PB170165
208-96-8	Acenaphthylene	1700		1	28.9	170	ug/Kg	10/20/25 14:25	PB170165
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	10/20/25 14:25	PB170165
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	10/20/25 14:25	PB170165
83-32-9	Acenaphthene	1500		1	21.3	170	ug/Kg	10/20/25 14:25	PB170165
51-28-5	2,4-Dinitrophenol	2600		1	230	330	ug/Kg	10/20/25 14:25	PB170165
100-02-7	4-Nitrophenol	2900	E	1	110	330	ug/Kg	10/20/25 14:25	PB170165
132-64-9	Dibenzofuran	1500		1	22.7	170	ug/Kg	10/20/25 14:25	PB170165
121-14-2	2,4-Dinitrotoluene	1600		1	50.0	170	ug/Kg	10/20/25 14:25	PB170165
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	10/20/25 14:25	PB170165
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	170	ug/Kg	10/20/25 14:25	PB170165
86-73-7	Fluorene	1600		1	25.3	170	ug/Kg	10/20/25 14:25	PB170165
100-01-6	4-Nitroaniline	1500		1	64.1	170	ug/Kg	10/20/25 14:25	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	100	330	ug/Kg	10/20/25 14:25	PB170165

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PB170165BS
 Lab Sample ID: PB170165BS
 Analytical Method: 8270E Level : LOW
 Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:
 Date Received:
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 100
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1600		1	32.9	170	ug/Kg	10/20/25 14:25	PB170165
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	10/20/25 14:25	PB170165
118-74-1	Hexachlorobenzene	1600		1	25.3	170	ug/Kg	10/20/25 14:25	PB170165
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	10/20/25 14:25	PB170165
87-86-5	Pentachlorophenol	3200	E	1	51.2	330	ug/Kg	10/20/25 14:25	PB170165
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	10/20/25 14:25	PB170165
120-12-7	Anthracene	1600		1	33.3	170	ug/Kg	10/20/25 14:25	PB170165
86-74-8	Carbazole	1600		1	31.2	170	ug/Kg	10/20/25 14:25	PB170165
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	10/20/25 14:25	PB170165
206-44-0	Fluoranthene	1500		1	30.0	170	ug/Kg	10/20/25 14:25	PB170165
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	10/20/25 14:25	PB170165
85-68-7	Butylbenzylphthalate	1500		1	71.3	170	ug/Kg	10/20/25 14:25	PB170165
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	10/20/25 14:25	PB170165
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	10/20/25 14:25	PB170165
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	10/20/25 14:25	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.1	170	ug/Kg	10/20/25 14:25	PB170165
117-84-0	Di-n-octyl phthalate	1500		1	86.7	330	ug/Kg	10/20/25 14:25	PB170165
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	10/20/25 14:25	PB170165
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	10/20/25 14:25	PB170165
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/20/25 14:25	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	10/20/25 14:25	PB170165
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	10/20/25 14:25	PB170165
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	10/20/25 14:25	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	10/20/25 14:25	PB170165
123-91-1	1,4-Dioxane	990		1	45.2	170	ug/Kg	10/20/25 14:25	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	10/20/25 14:25	PB170165

SURROGATES

367-12-4	2-Fluorophenol	109		18 - 112	73%	SPK: 150
13127-88-3	Phenol-d6	125		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.5		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.8		20 - 109	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		10 - 116	90%	SPK: 150
1718-51-0	Terphenyl-d14	86.2		10 - 105	86%	SPK: 100

INTERNAL STANDARDS

		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	13600
1146-65-2	Naphthalene-d8	56100
15067-26-2	Acenaphthene-d10	44500
1517-22-2	Phenanthrene-d10	110000
1719-03-5	Chrysene-d12	115000
1520-96-3	Perylene-d12	123000

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170165BS		SDG No.:	Q3375
Lab Sample ID:	PB170165BS		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064549.D
Acq On : 20 Oct 2025 14:25
Operator : RC/JU
Sample : PB170165BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 15:20:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	13636	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	56148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	44549	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	109767	20.000	ng	0.00
76) Chrysene-d12	21.423	240	115066	20.000	ng	# 0.01
86) Perylene-d12	24.407	264	122784	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	80542	109.312	ng	0.00
7) Phenol-d6	7.004	99	124074	125.308	ng	0.02
23) Nitrobenzene-d5	8.973	82	87220	83.526	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	109226	135.262	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	250135	82.763	ng	0.00
79) Terphenyl-d14	19.807	244	523971	86.178	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	8665	29.732	ng	94
3) Pyridine	3.708	79	17360	22.164	ng	# 85
4) n-Nitrosodimethylamine	3.620	42	20816	36.660	ng	85
6) Aniline	7.145	93	40496	32.424	ng	97
8) 2-Chlorophenol	7.386	128	40444	44.701	ng	96
9) Benzaldehyde	6.957	77	16529	18.806	ng	92
10) Phenol	7.034	94	46653	44.664	ng	96
11) bis(2-Chloroethyl)ether	7.245	93	28699	40.572	ng	83
12) 1,3-Dichlorobenzene	7.709	146	42363	42.802	ng	95
13) 1,4-Dichlorobenzene	7.850	146	42566	42.852	ng	96
14) 1,2-Dichlorobenzene	8.168	146	43365	44.295	ng	95
15) Benzyl Alcohol	8.062	79	40960	44.919	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.338	45	40117	35.184	ng	97
17) 2-Methylphenol	8.267	107	34669	45.837	ng	95
18) Hexachloroethane	8.890	117	15340	39.124	ng	89
19) n-Nitroso-di-n-propyla...	8.626	70	27125	40.962	ng	94
20) 3+4-Methylphenols	8.597	107	46606	44.156	ng	93
22) Acetophenone	8.638	105	67129	49.378	ng	98
24) Nitrobenzene	9.014	77	45428	43.626	ng	97
25) Isophorone	9.542	82	80259	42.427	ng	# 94
26) 2-Nitrophenol	9.725	139	22785	43.964	ng	98
27) 2,4-Dimethylphenol	9.795	122	41510	52.440	ng	94
28) bis(2-Chloroethoxy)met...	10.018	93	43884	45.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	43133	47.121	ng	96
30) 1,2,4-Trichlorobenzene	10.471	180	47728	47.820	ng	90
31) Naphthalene	10.659	128	129701	44.858	ng	98
32) Benzoic acid	9.977	122	28536	46.954	ng	90
33) 4-Chloroaniline	10.770	127	30068	27.100	ng	95
34) Hexachlorobutadiene	10.941	225	40500	47.382	ng	98
35) Caprolactam	11.552	113	14581	46.530	ng	# 84
36) 4-Chloro-3-methylphenol	11.904	107	53322	47.901	ng	93
37) 2-Methylnaphthalene	12.269	142	89977	40.540	ng	98
38) 1-Methylnaphthalene	12.486	142	93890m	42.425	ng	
40) 1,2,4,5-Tetrachloroben...	12.639	216	69550	48.352	ng	96
41) Hexachlorocyclopentadiene	12.615	237	95619	127.082	ng	94
43) 2,4,6-Trichlorophenol	12.886	196	41251	44.862	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064549.D
 Acq On : 20 Oct 2025 14:25
 Operator : RC/JU
 Sample : PB170165BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 15:20:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.962	196	48664	47.405	ng	98
46) 1,1'-Biphenyl	13.279	154	157453	49.141	ng	99
47) 2-Chloronaphthalene	13.320	162	103546	43.284	ng	96
48) 2-Nitroaniline	13.526	65	36668	44.910	ng	98
49) Acenaphthylene	14.172	152	182191	51.304	ng	96
50) Dimethylphthalate	13.914	163	157351	45.098	ng	97
51) 2,6-Dinitrotoluene	14.025	165	35055	48.230	ng	91
52) Acenaphthene	14.513	154	109342	44.318	ng	96
53) 3-Nitroaniline	14.360	138	21818	32.549	ng	91
54) 2,4-Dinitrophenol	14.572	184	41874	79.453	ng	94
55) Dibenzofuran	14.848	168	183269	44.988	ng	99
56) 4-Nitrophenol	14.684	139	46397	87.916	ng	87
57) 2,4-Dinitrotoluene	14.819	165	52347	47.114	ng	93
58) Fluorene	15.494	166	157870	46.615	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	49925	47.653	ng	99
60) Diethylphthalate	15.271	149	171377	45.787	ng	98
61) 4-Chlorophenyl-phenyle...	15.488	204	83977	45.419	ng	98
62) 4-Nitroaniline	15.524	138	32377	46.343	ng	90
63) Azobenzene	15.782	77	133595	46.087	ng	99
65) 4,6-Dinitro-2-methylph...	15.582	198	35846	46.902	ng	95
66) n-Nitrosodiphenylamine	15.706	169	136800	46.670	ng	98
67) 4-Bromophenyl-phenylether	16.381	248	59795	46.292	ng	90
68) Hexachlorobenzene	16.499	284	69283	46.874	ng	97
69) Atrazine	16.658	200	62655	48.044	ng	96
70) Pentachlorophenol	16.852	266	83239	96.317	ng	97
71) Phenanthrene	17.233	178	261958	45.635	ng	98
72) Anthracene	17.322	178	268556	46.634	ng	97
73) Carbazole	17.598	167	233881	46.986	ng	98
74) Di-n-butylphthalate	18.156	149	278793	45.881	ng	99
75) Fluoranthene	19.243	202	312448	45.562	ng	98
77) Benzidine	19.431	184	81811	28.573	ng	99
78) Pyrene	19.607	202	319492	42.785	ng	99
80) Butylbenzylphthalate	20.500	149	121880	46.042	ng	97
81) Benzo(a)anthracene	21.399	228	337748	45.971	ng	98
82) 3,3'-Dichlorobenzidine	21.323	252	80327	32.303	ng	# 98
83) Chrysene	21.464	228	304625	43.720	ng	98
84) Bis(2-ethylhexyl)phtha...	21.323	149	172602	46.213	ng	95
85) Di-n-octyl phthalate	22.445	149	288601	45.976	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	397838	46.550	ng	# 90
88) Benzo(b)fluoranthene	23.467	252	333073	47.683	ng	98
89) Benzo(k)fluoranthene	23.526	252	323651	46.004	ng	97
90) Benzo(a)pyrene	24.266	252	316286	49.130	ng	100
91) Dibenzo(a,h)anthracene	27.827	278	332998	48.721	ng	# 94
92) Benzo(g,h,i)perylene	28.820	276	319167	48.053	ng	97

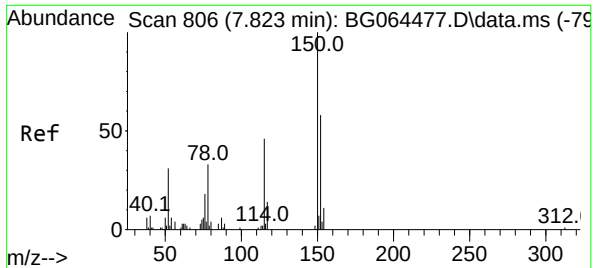
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Manual Integrations APPROVED

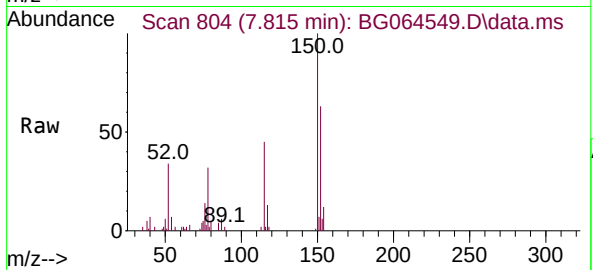
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

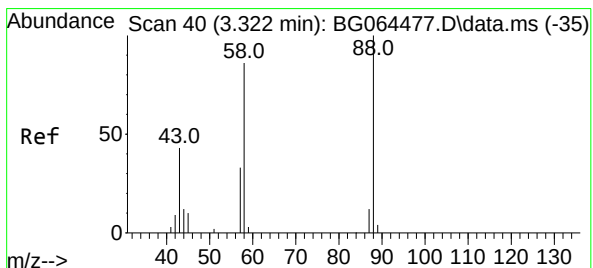
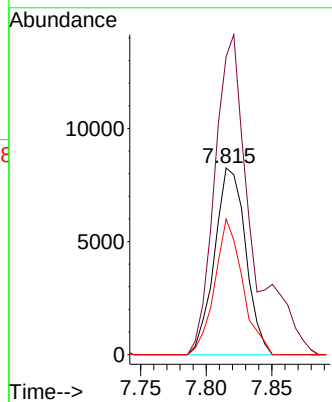
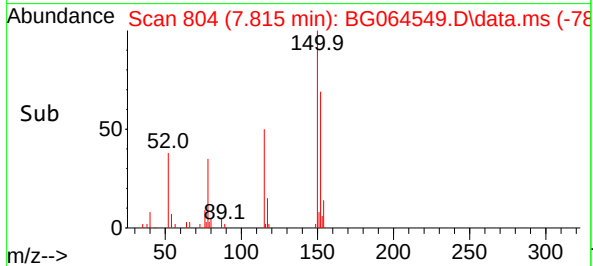
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion: 152 Resp: 13636
Ion Ratio Lower Upper
152 100
150 159.7 138.6 207.8
115 72.6 63.4 95.2

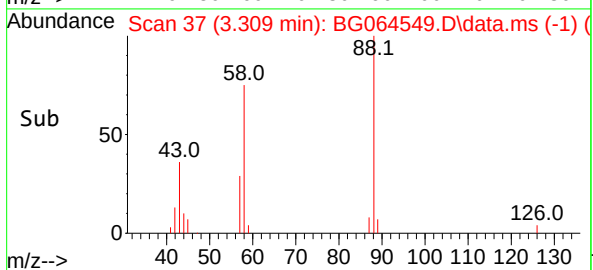
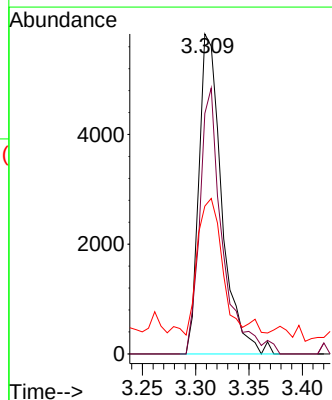
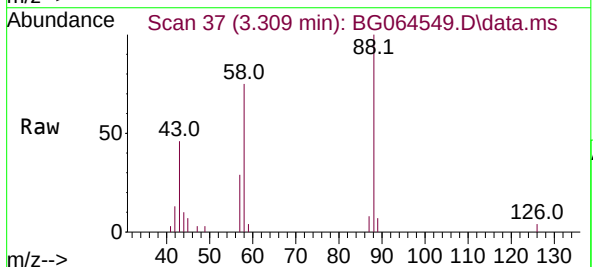
Manual Integrations
APPROVED

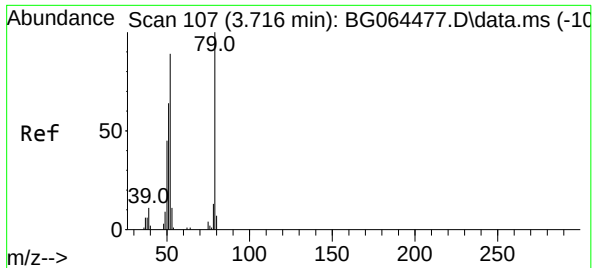
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#2
1,4-Dioxane
Concen: 29.732 ng
RT: 3.309 min Scan# 37
Delta R.T. -0.011 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

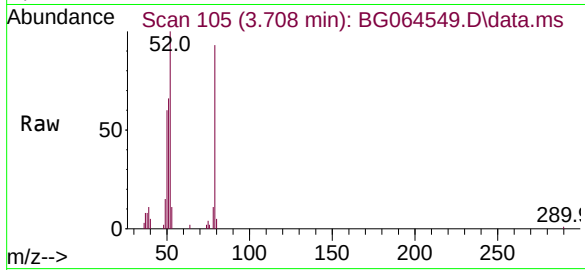
Tgt Ion: 88 Resp: 8665
Ion Ratio Lower Upper
88 100
58 82.1 69.8 104.6
43 50.7 37.4 56.0





#3
Pyridine
Concen: 22.164 ng
RT: 3.708 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

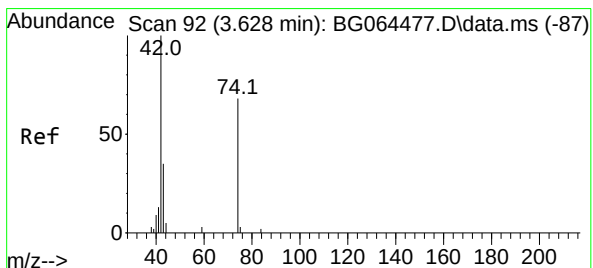
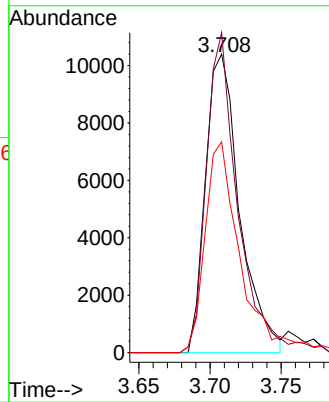
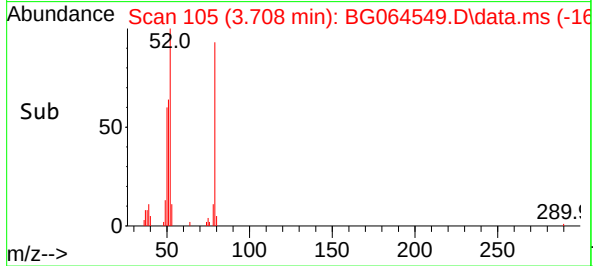
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion: 79 Resp: 17360
Ion Ratio Lower Upper
79 100
52 107.2 71.0 106.4
51 70.6 51.0 76.6

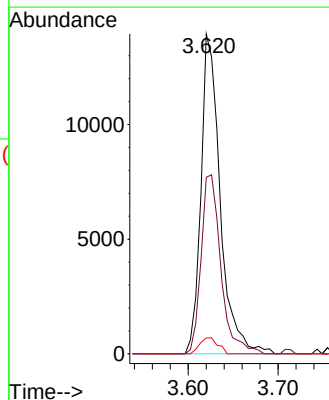
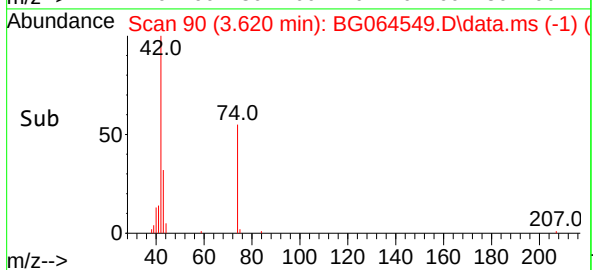
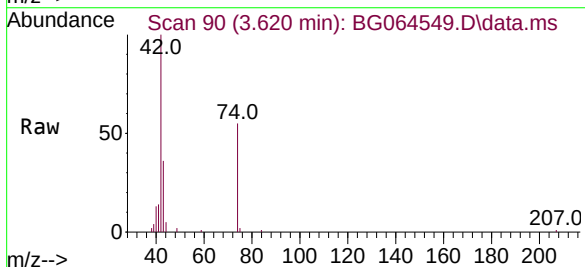
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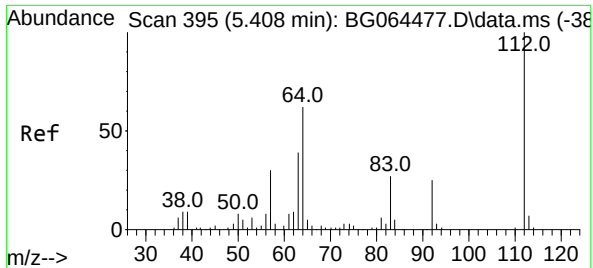
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#4
n-Nitrosodimethylamine
Concen: 36.660 ng
RT: 3.620 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 42 Resp: 20816
Ion Ratio Lower Upper
42 100
74 55.2 54.2 81.4
44 5.0 4.2 6.2





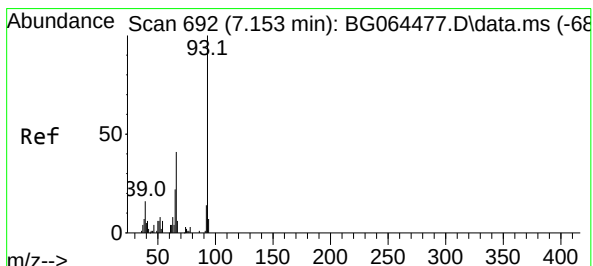
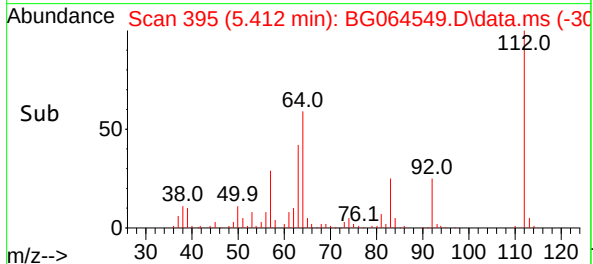
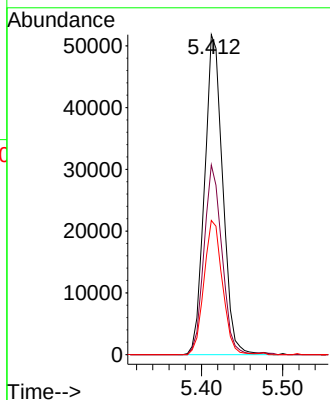
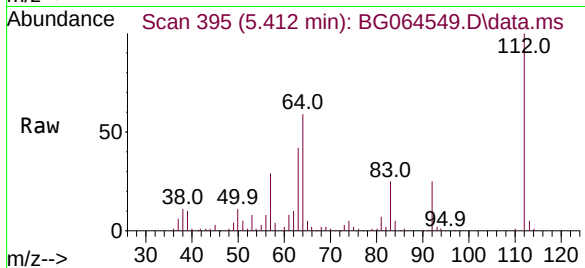
#5
2-Fluorophenol
Concen: 109.312 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:112 Resp: 80542
Ion Ratio Lower Upper
112 100
64 59.3 49.8 74.8
63 41.9 31.3 46.9

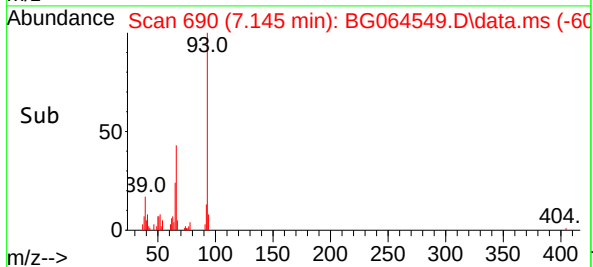
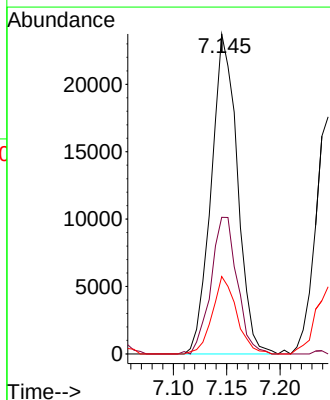
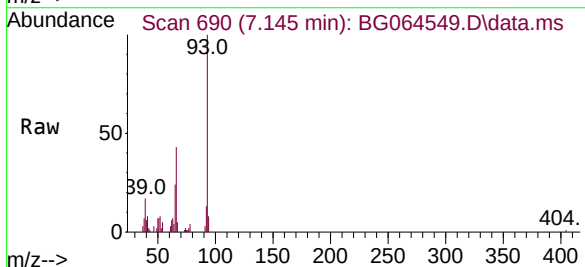
Manual Integrations
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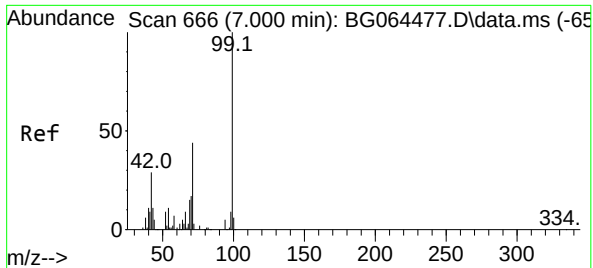
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#6
Aniline
Concen: 32.424 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

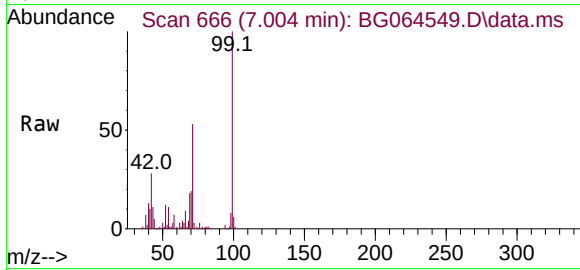
Tgt Ion: 93 Resp: 40496
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.4
65 24.2 17.5 26.3





#7
Phenol-d6
Concen: 125.308 ng
RT: 7.004 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

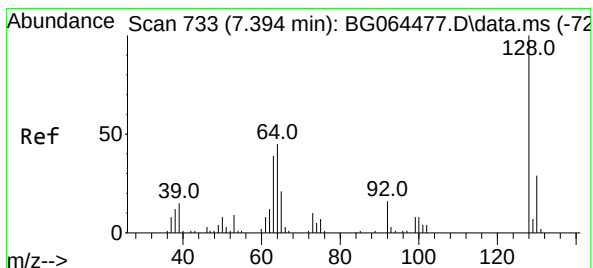
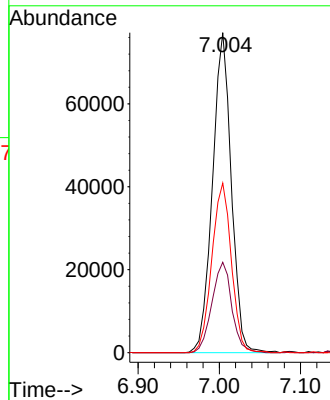
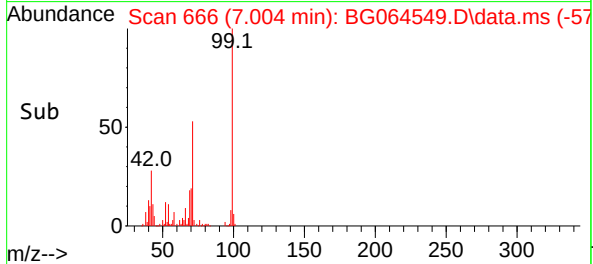
Instrument :
BNA_G
ClientSampleId :
PB170165BS



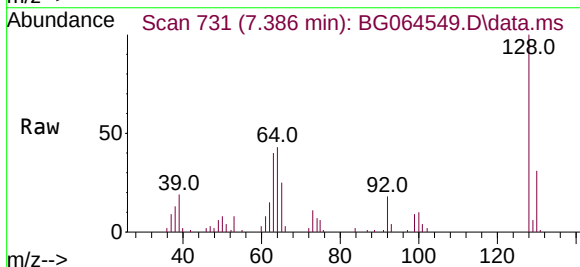
Tgt Ion: 99 Resp: 124074
Ion Ratio Lower Upper
99 100
42 28.2 22.9 34.3
71 53.0 35.4 53.2

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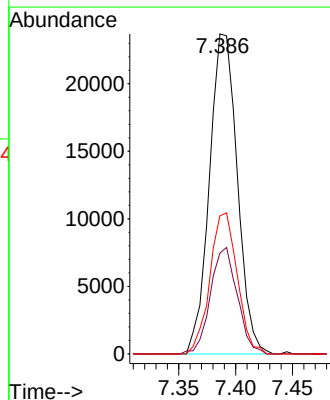
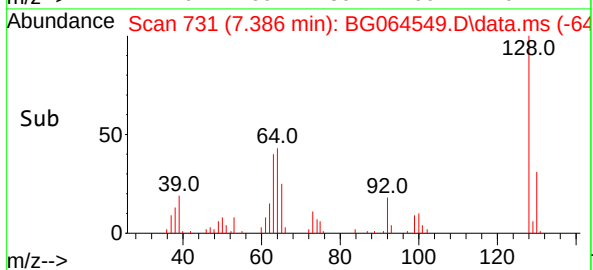
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

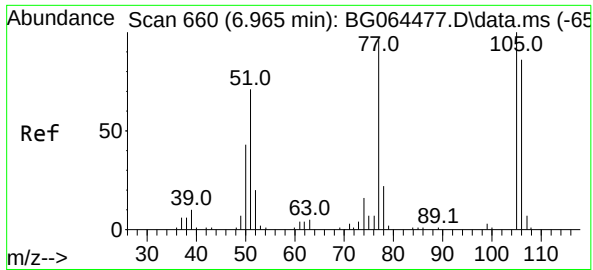


#8
2-Chlorophenol
Concen: 44.701 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:128 Resp: 40444
Ion Ratio Lower Upper
128 100
130 31.5 9.2 49.2
64 43.1 25.5 65.5





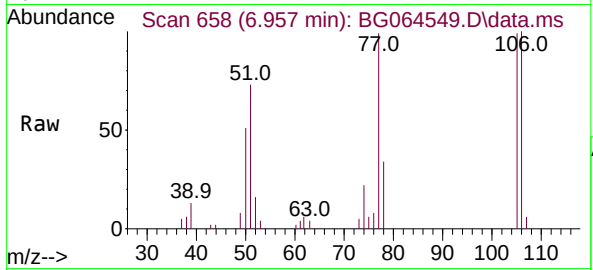
#9
Benzaldehyde
Concen: 18.806 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

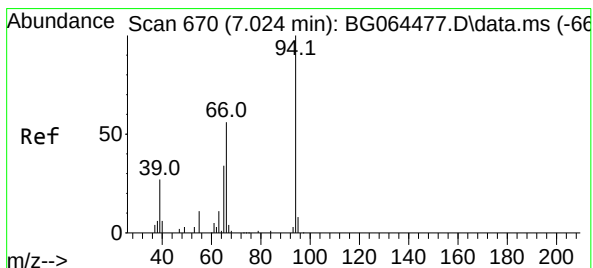
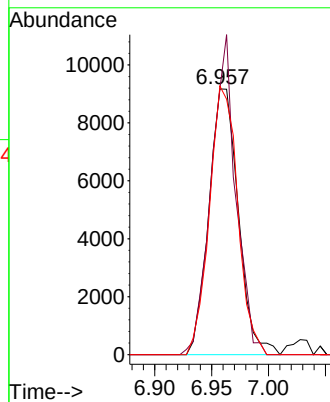
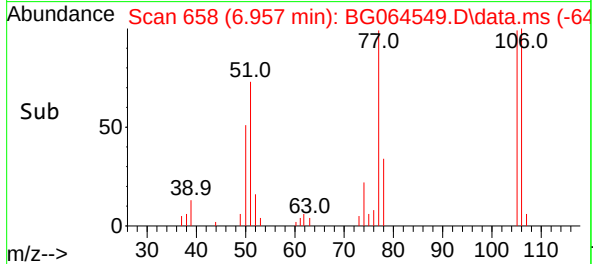
PB170165BS



Tgt Ion: 77 Resp: 16529
Ion Ratio Lower Upper
77 100
105 99.9 83.7 123.7
106 101.1 69.4 109.4

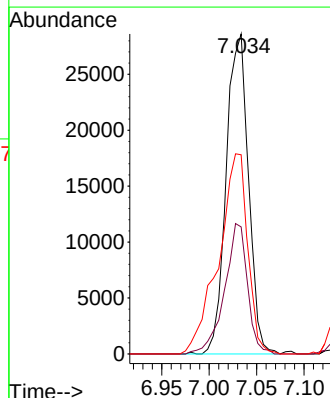
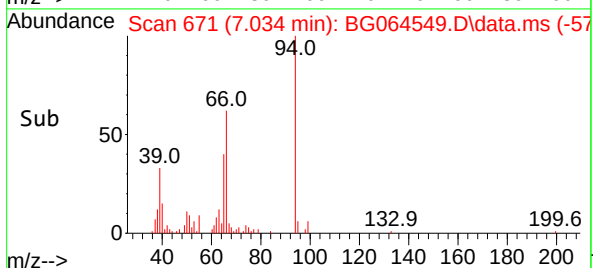
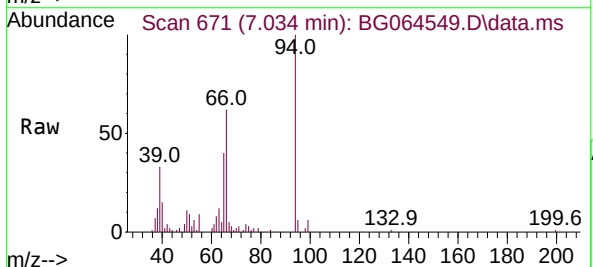
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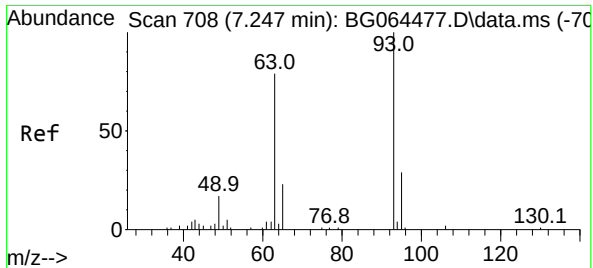
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#10
Phenol
Concen: 44.664 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 94 Resp: 46653
Ion Ratio Lower Upper
94 100
65 39.7 14.8 54.8
66 62.2 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 40.572 ng

RT: 7.245 min Scan# 70

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

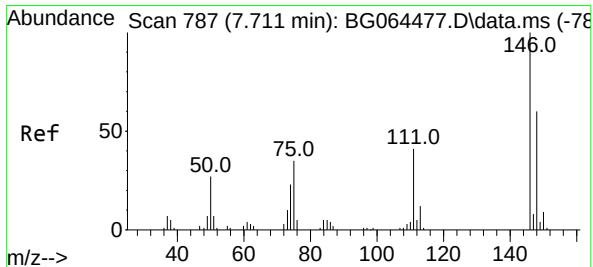
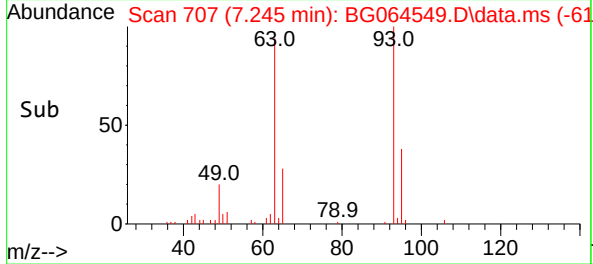
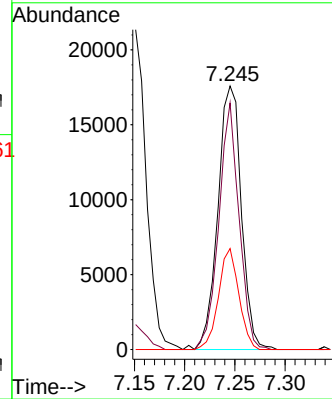
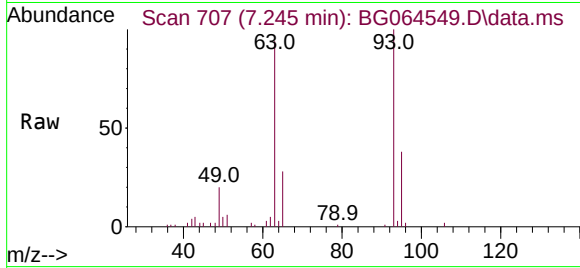
Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion: 93	Resp: 2869
Ion Ratio	Lower Upper
93 100	
63 93.6	59.5 99.5
95 38.4	8.8 48.8

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Supervised By :Jagrut Upadhyay 10/21/2025

#12

1,3-Dichlorobenzene

Concen: 42.802 ng

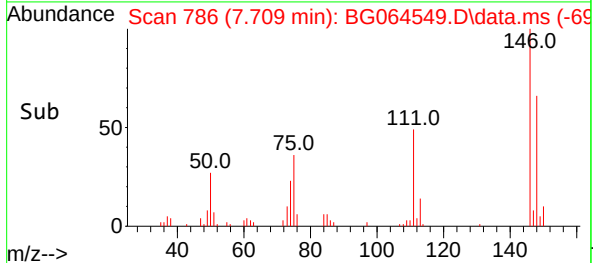
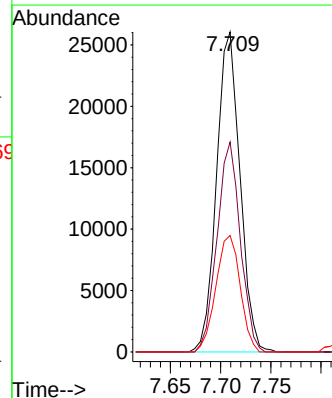
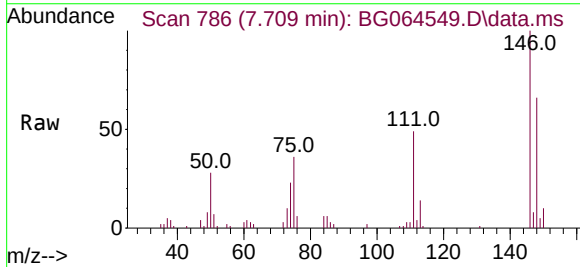
RT: 7.709 min Scan# 786

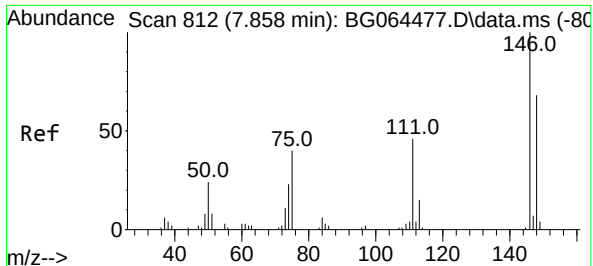
Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:146	Resp: 42363
Ion Ratio	Lower Upper
146 100	
148 65.6	48.4 72.6
75 36.4	28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 42.852 ng

RT: 7.850 min Scan# 812

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion:146 Resp: 42566

Ion Ratio Lower Upper

146 100

148 63.0 54.4 81.6

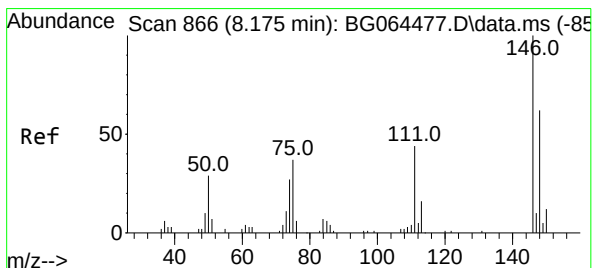
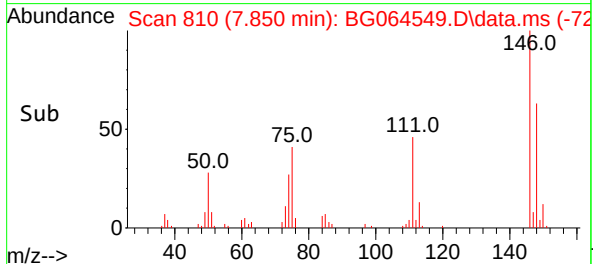
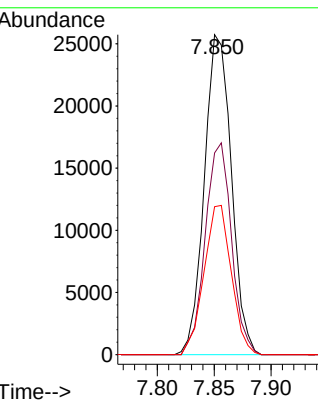
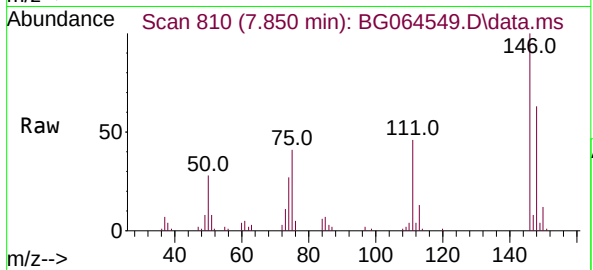
111 46.2 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 44.295 ng

RT: 8.168 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

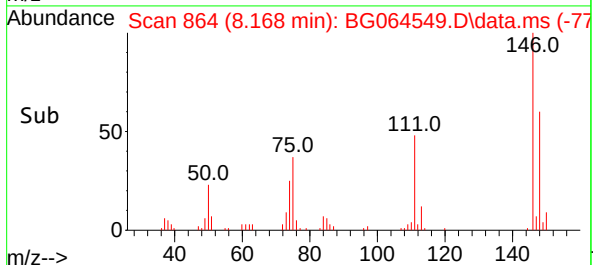
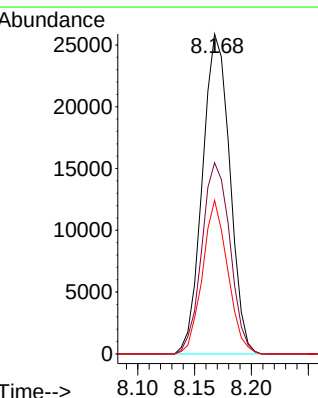
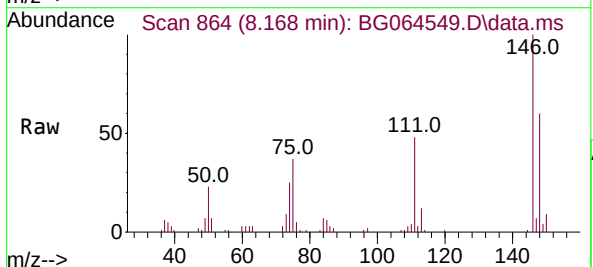
Tgt Ion:146 Resp: 43365

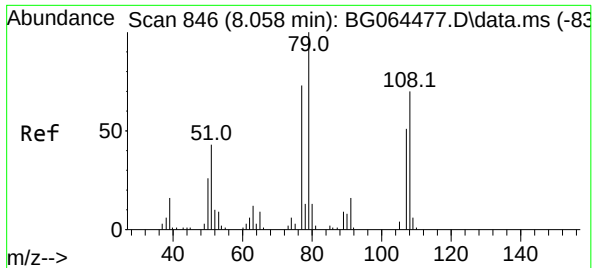
Ion Ratio Lower Upper

146 100

148 59.7 50.0 75.0

111 48.0 35.0 52.4





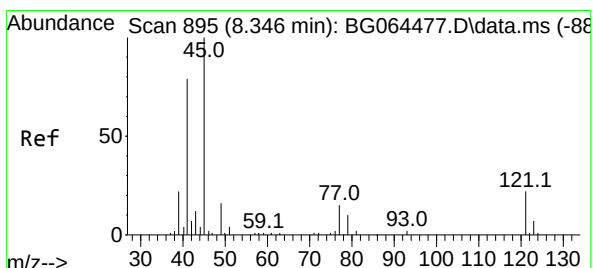
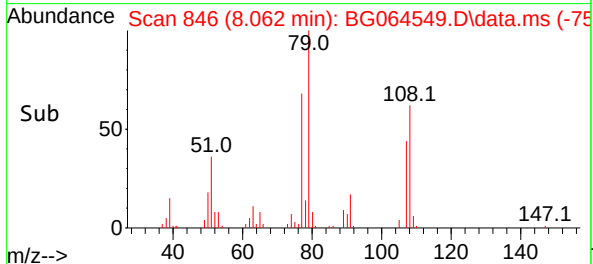
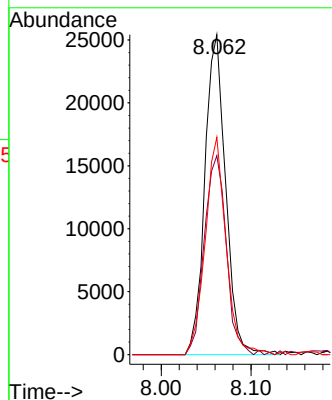
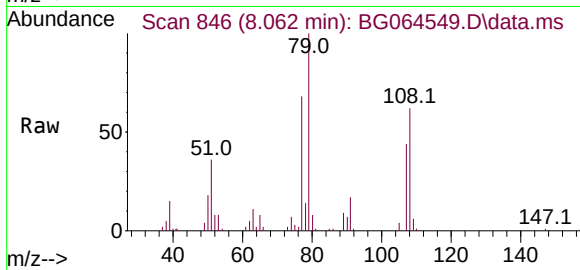
#15
Benzyl Alcohol
Concen: 44.919 ng
RT: 8.062 min Scan# 846
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion: 79 Resp: 40960
Ion Ratio Lower Upper
79 100
108 62.2 56.4 84.6
77 67.9 58.3 87.5

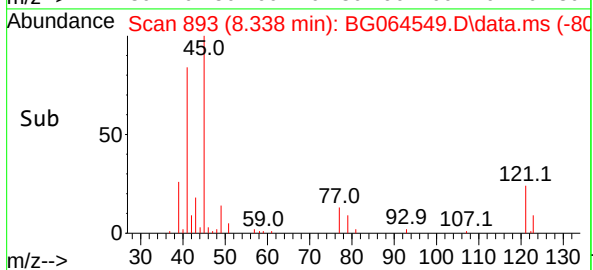
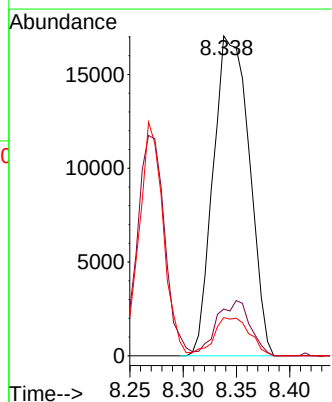
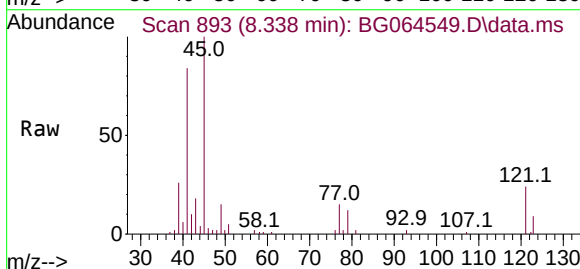
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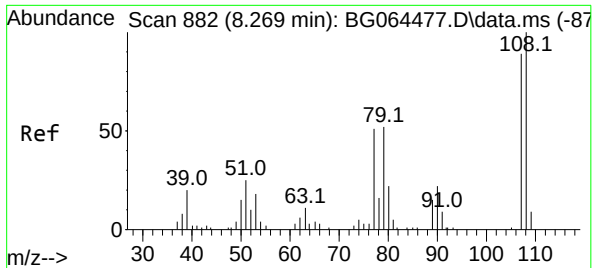
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.184 ng
RT: 8.338 min Scan# 893
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 45 Resp: 40117
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.6
79 12.0 0.0 30.7





#17

2-Methylphenol

Concen: 45.837 ng

RT: 8.267 min Scan# 881

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion:107 Resp: 34669

Ion Ratio Lower Upper

107 100

108 105.0 90.3 135.5

77 55.7 46.0 69.0

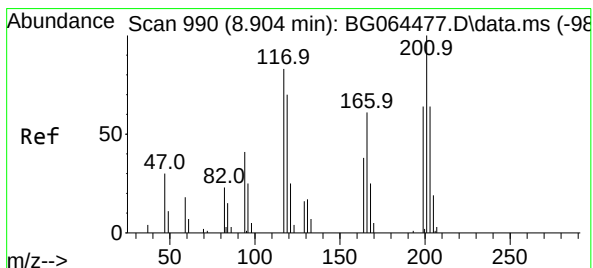
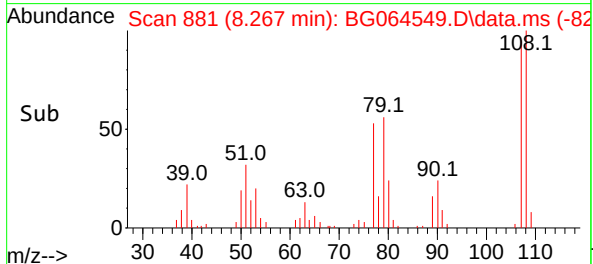
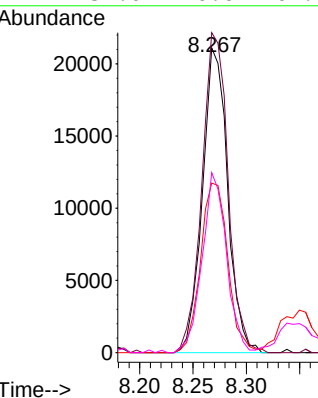
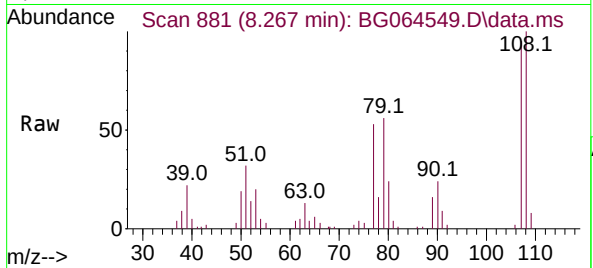
79 59.0 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#18

Hexachloroethane

Concen: 39.124 ng

RT: 8.890 min Scan# 987

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

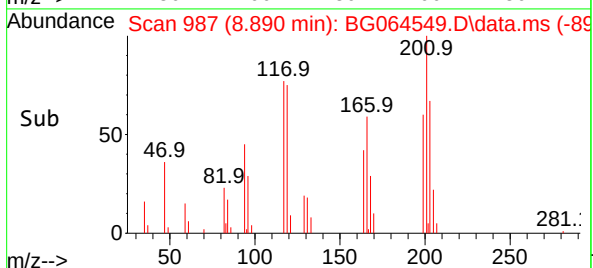
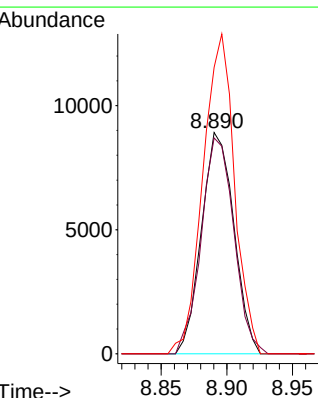
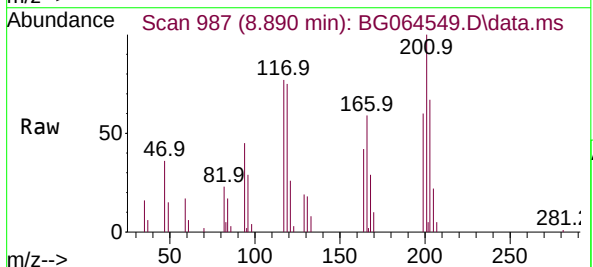
Tgt Ion:117 Resp: 15340

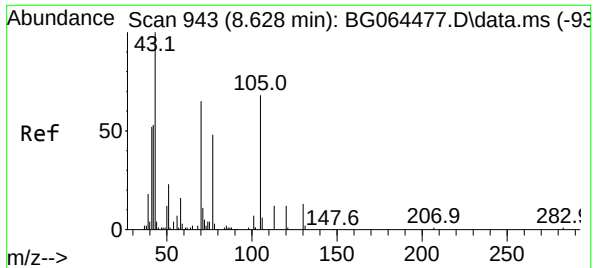
Ion Ratio Lower Upper

117 100

119 97.5 67.4 101.0

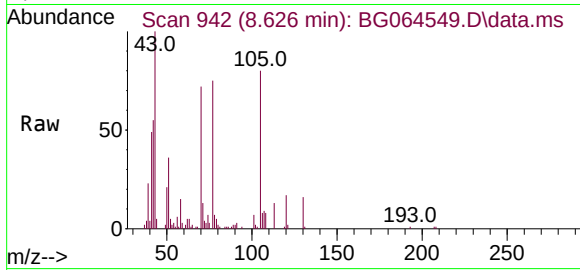
201 129.3 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.962 ng
RT: 8.626 min Scan# 94
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

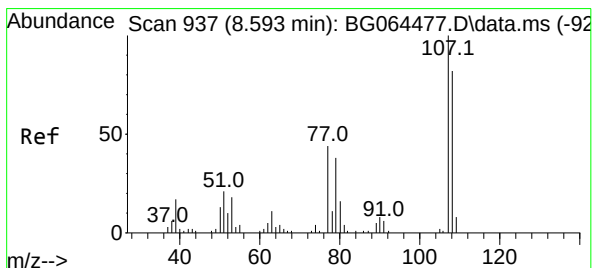
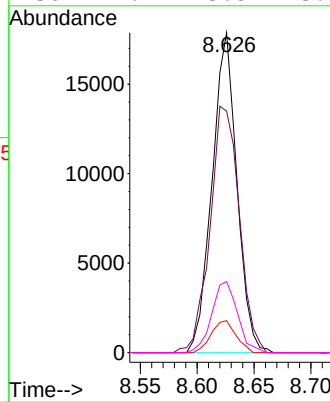
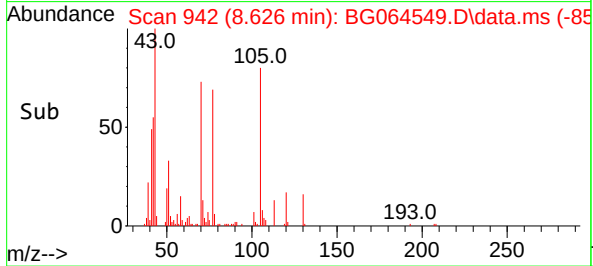
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion: 70 Resp: 27125
Ion Ratio Lower Upper
70 100
42 75.5 64.9 97.3
101 10.0 8.7 13.1
130 22.2 15.8 23.8

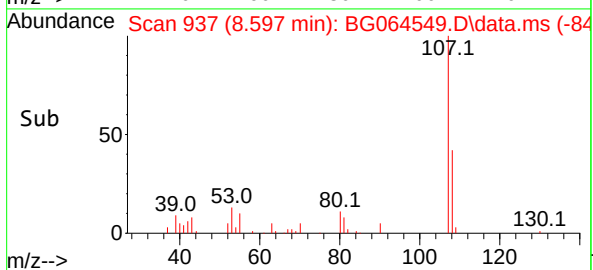
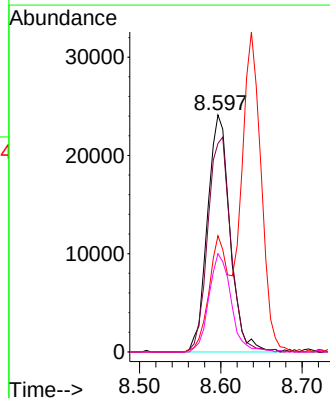
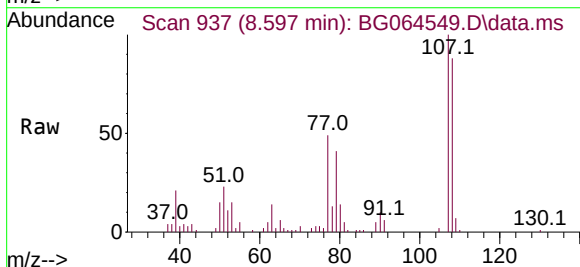
Manual Integrations
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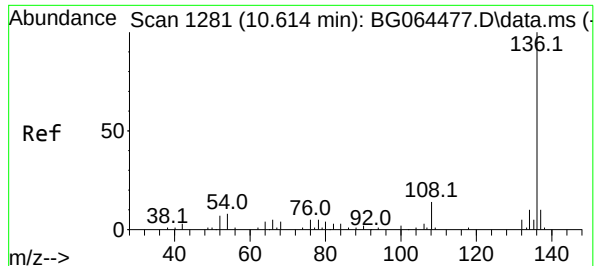
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#20
3+4-Methylphenols
Concen: 44.156 ng
RT: 8.597 min Scan# 937
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:107 Resp: 46606
Ion Ratio Lower Upper
107 100
108 87.9 62.1 102.1
77 49.0 23.5 63.5
79 41.4 17.8 57.8





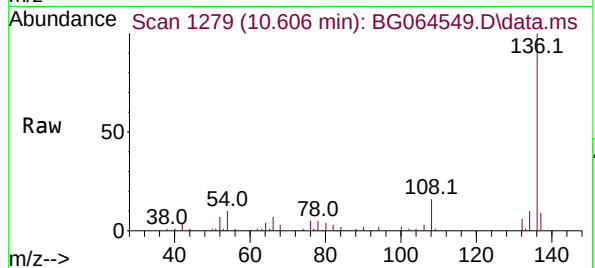
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



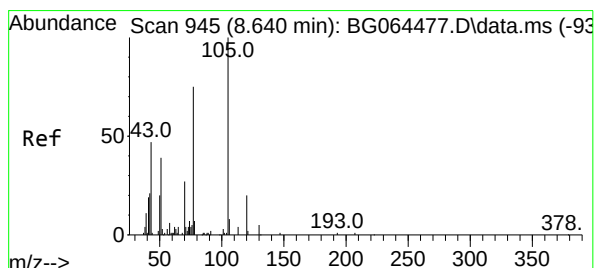
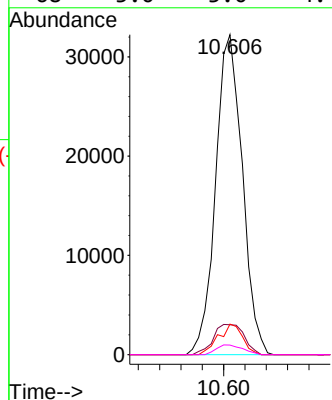
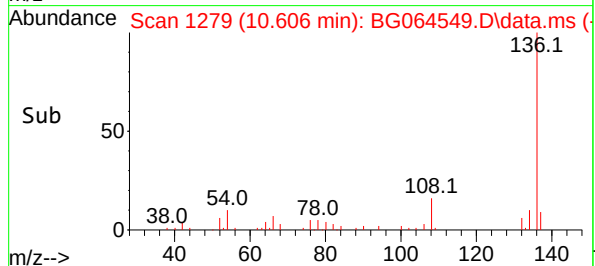
Tgt Ion:136 Resp: 56148
Ion Ratio Lower Upper
136 100
137 9.3 8.3 12.5
54 9.5 6.2 9.4
68 3.0 3.0 4.4

Manual Integrations

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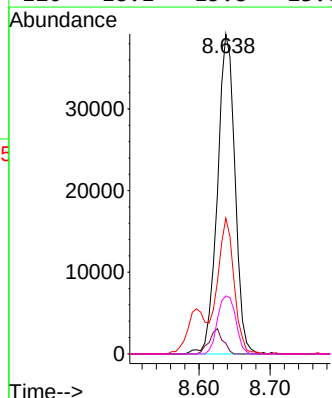
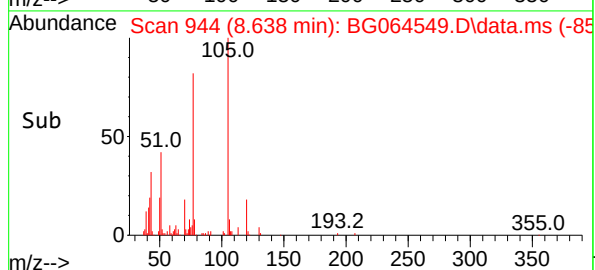
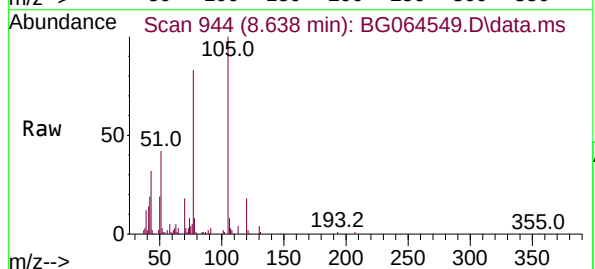
Reviewed By :Rahul Chavli 10/21/2025

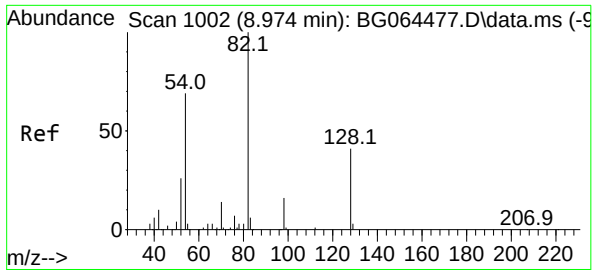
Supervised By :Jagrut Upadhyay 10/21/2025



#22
Acetophenone
Concen: 49.378 ng
RT: 8.638 min Scan# 944
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:105 Resp: 67129
Ion Ratio Lower Upper
105 100
71 3.3 2.8 4.2
51 42.4 33.0 49.4
120 18.1 15.8 23.6





#23
Nitrobenzene-d5
Concen: 83.526 ng
RT: 8.973 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

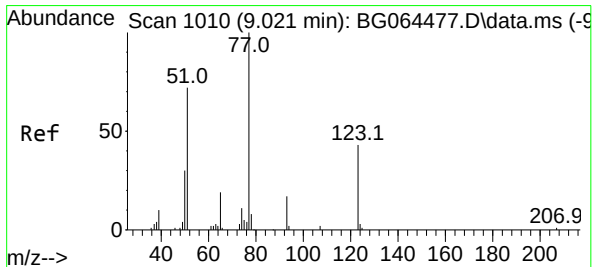
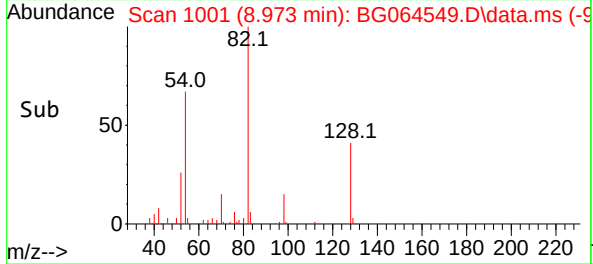
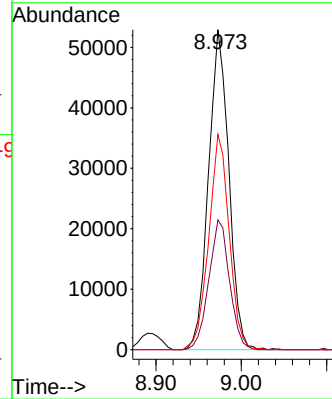
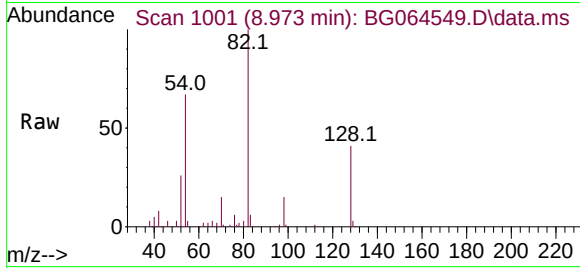
ClientSampleId :

PB170165BS

Tgt Ion:	82	Resp:	87220
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.1	49.7
54	67.2	55.4	83.2

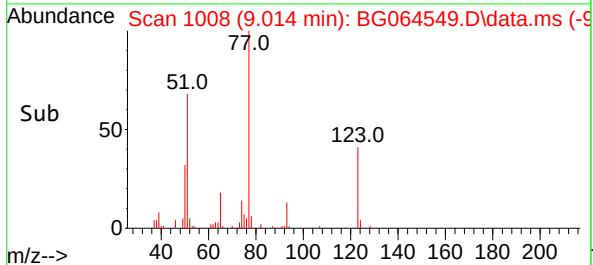
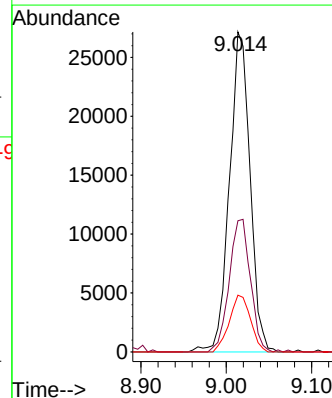
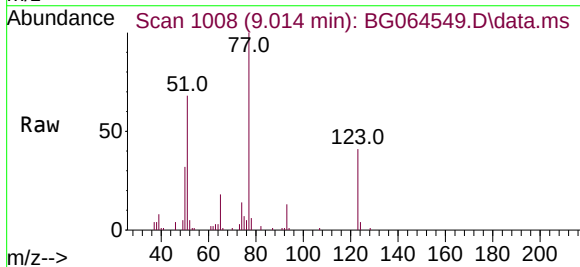
Manual Integrations
APPROVED

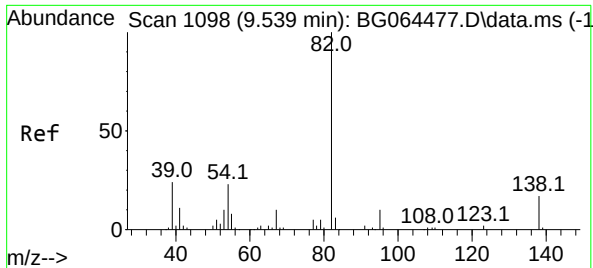
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#24
Nitrobenzene
Concen: 43.626 ng
RT: 9.014 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:	77	Resp:	45428
Ion Ratio	Lower	Upper	
77	100		
123	41.0	34.4	51.6
65	17.7	14.8	22.2





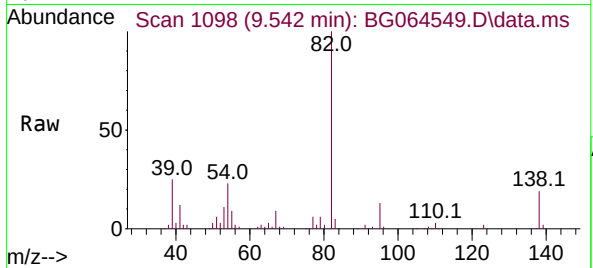
#25
Isophorone
Concen: 42.427 ng
RT: 9.542 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



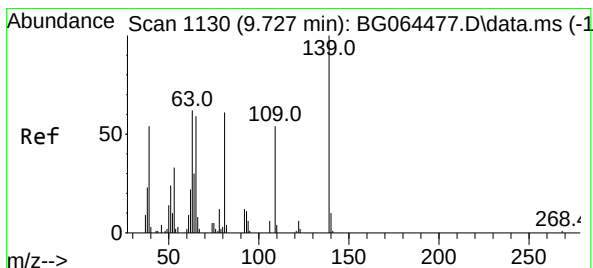
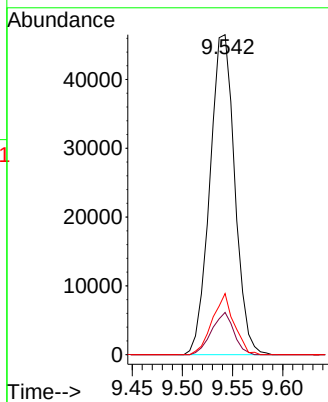
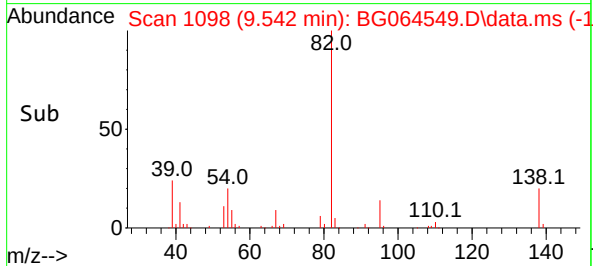
Tgt Ion: 82 Resp: 80259
Ion Ratio Lower Upper
82 100
95 13.2 7.8 11.8
138 19.1 13.8 20.6

Manual Integrations

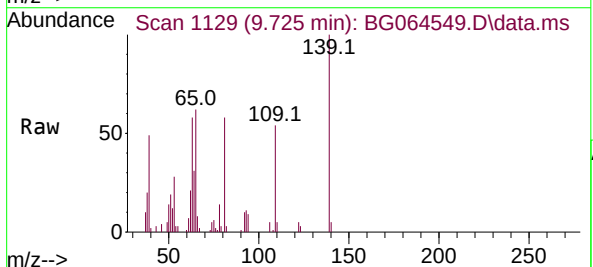
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

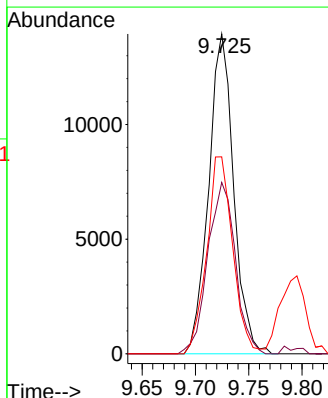
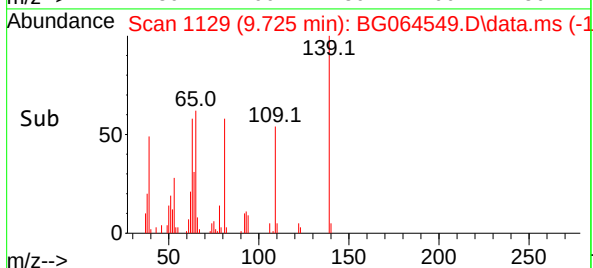
Supervised By :Jagrut Upadhyay 10/21/2025

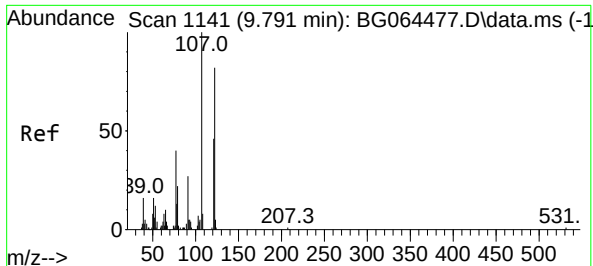


#26
2-Nitrophenol
Concen: 43.964 ng
RT: 9.725 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:139 Resp: 22785
Ion Ratio Lower Upper
139 100
109 53.6 43.0 64.6
65 61.6 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 52.440 ng

RT: 9.795 min Scan# 1141

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

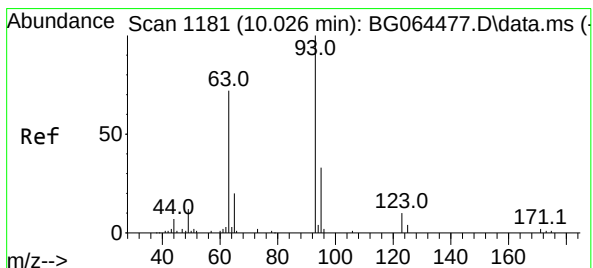
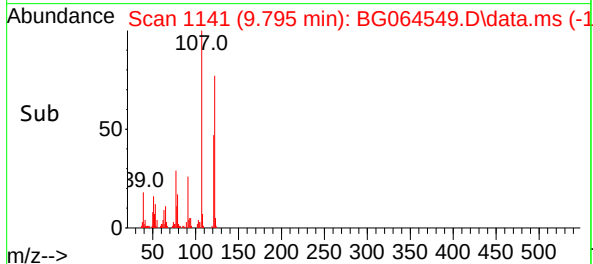
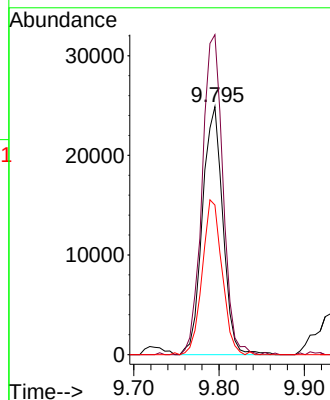
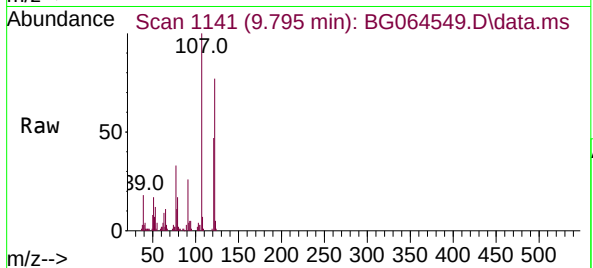
Tgt Ion:	122	Resp:	41510
Ion Ratio	Lower	Upper	
122	100		
107	129.1	98.3	147.5
121	60.4	44.7	67.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.510 ng

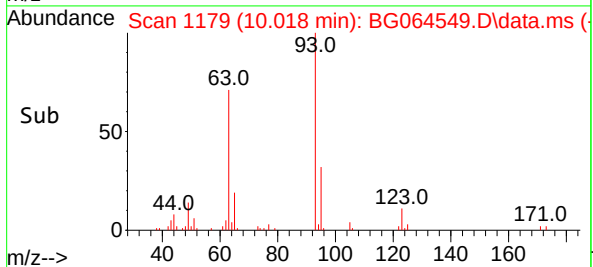
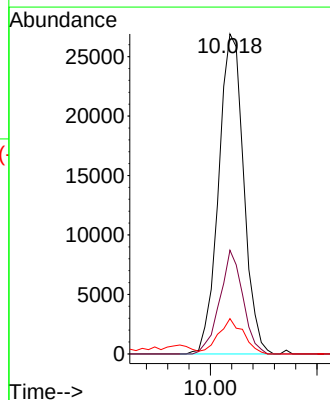
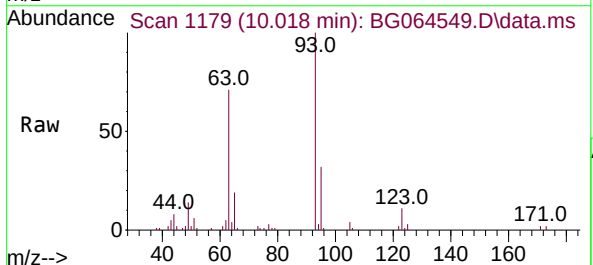
RT: 10.018 min Scan# 1179

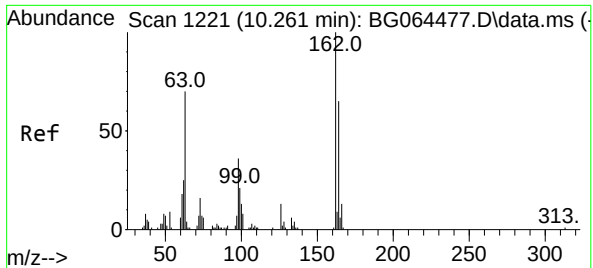
Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:	93	Resp:	43884
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	11.0	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 47.121 ng

RT: 10.265 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

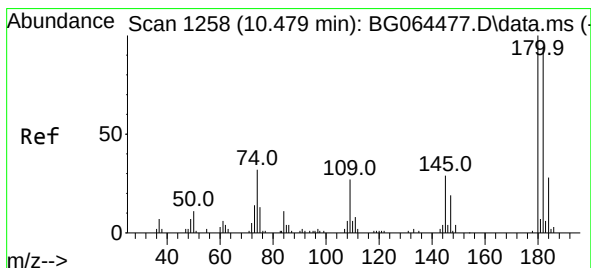
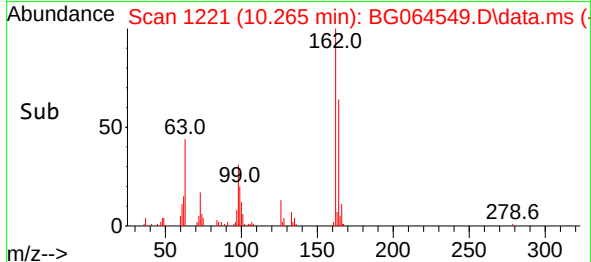
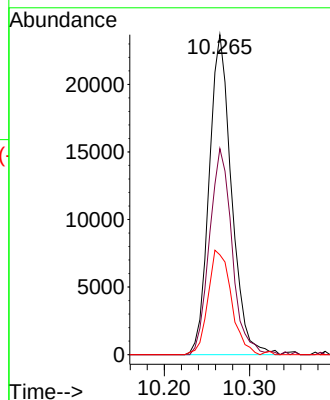
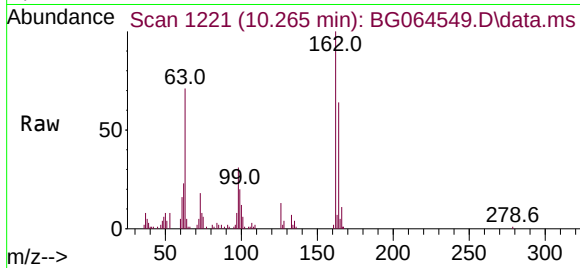
Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion:	162	Resp:	43133
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.4	85.4
98	31.2	16.4	56.4

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

#30

1,2,4-Trichlorobenzene

Concen: 47.820 ng

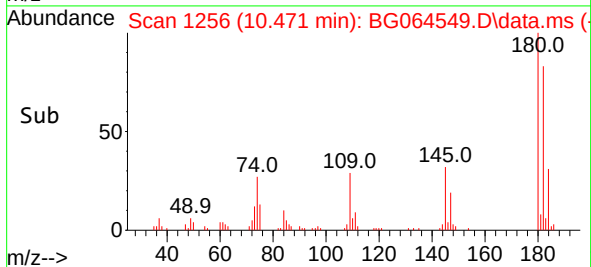
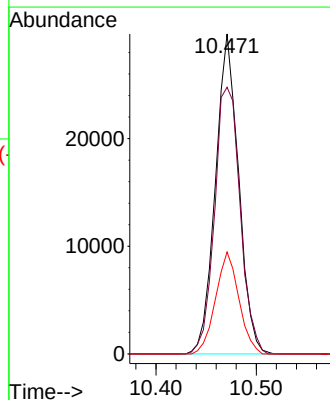
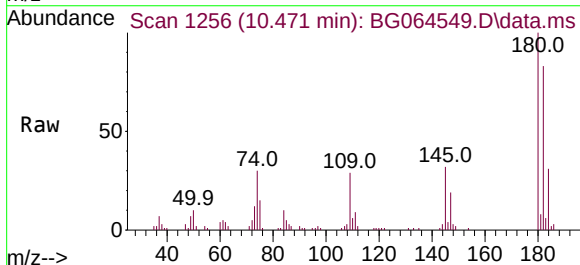
RT: 10.471 min Scan# 1256

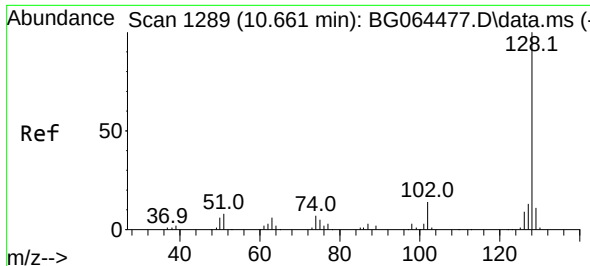
Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

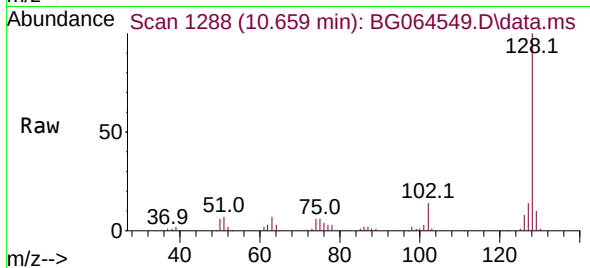
Tgt Ion:	180	Resp:	47728
Ion Ratio	Lower	Upper	
180	100		
182	83.3	75.4	113.2
145	31.8	23.2	34.8





#31
Naphthalene
Concen: 44.858 ng
RT: 10.659 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

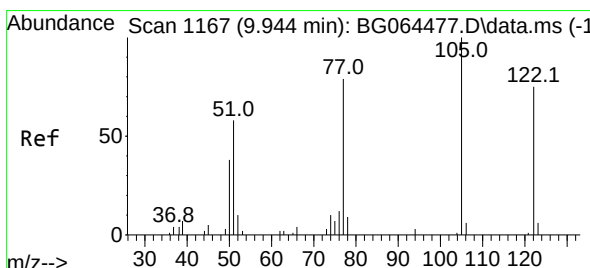
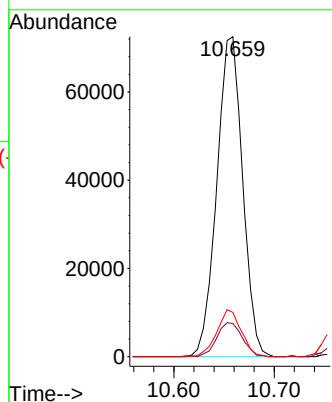
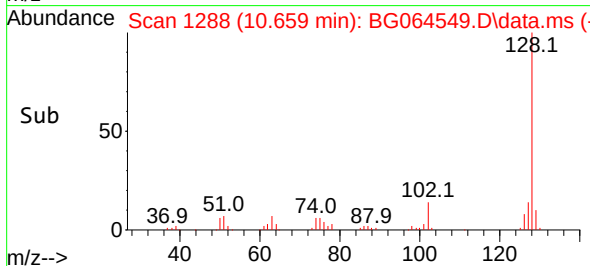
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:128 Resp: 12970
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.8 10.2 15.2

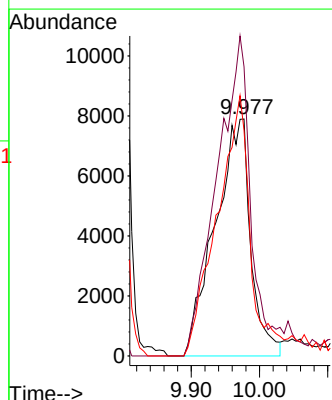
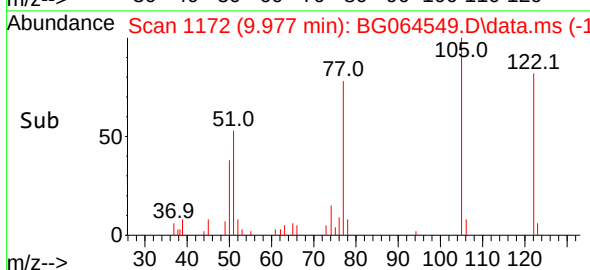
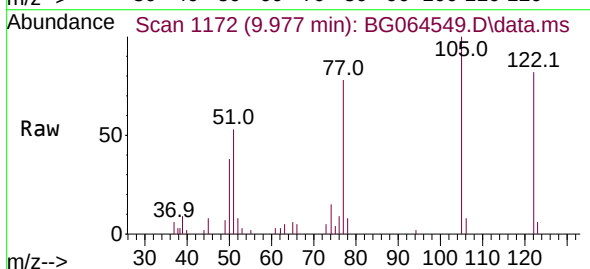
Manual Integrations
APPROVED

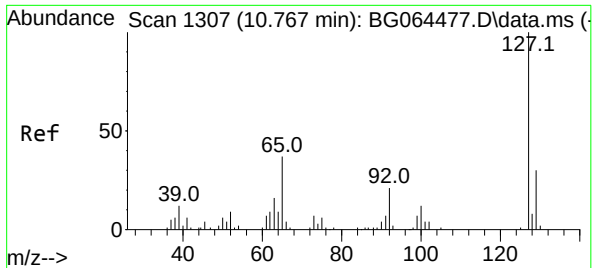
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#32
Benzoic acid
Concen: 46.954 ng
RT: 9.977 min Scan# 1172
Delta R.T. 0.089 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:122 Resp: 28536
Ion Ratio Lower Upper
122 100
105 122.0 113.9 153.9
77 95.1 86.1 126.1





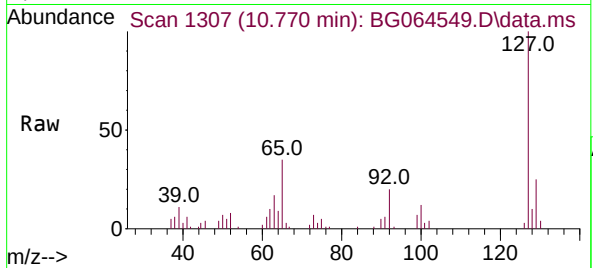
#33
4-Chloroaniline
Concen: 27.100 ng
RT: 10.770 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



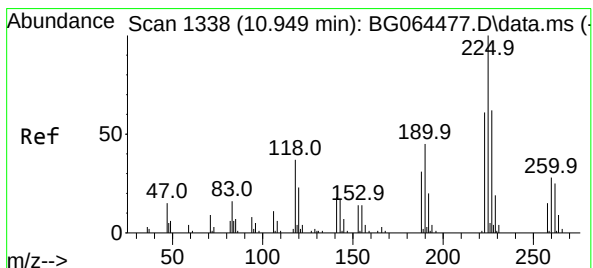
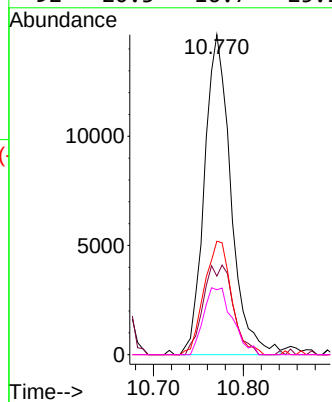
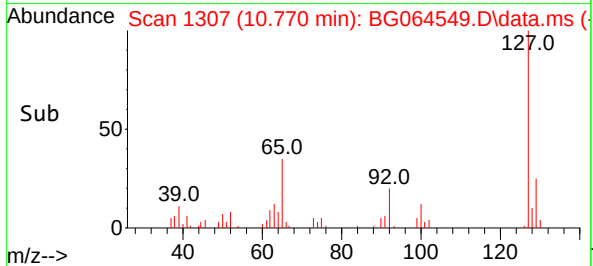
Tgt Ion:127 Resp: 30068
Ion Ratio Lower Upper
127 100
129 24.5 24.2 36.4
65 35.4 29.6 44.4
92 20.3 16.7 25.1

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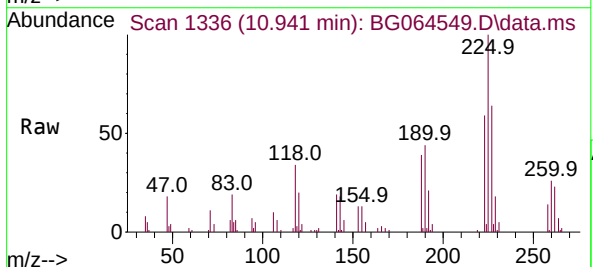
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Reviewed By :Rahul Chavli 10/21/2025

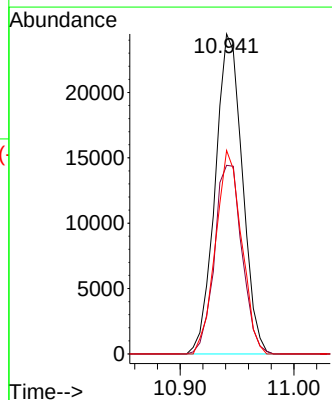
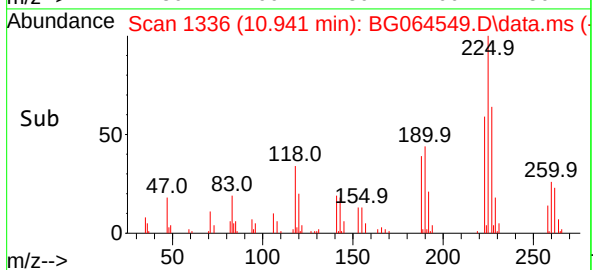
Supervised By :Jagrut Upadhyay 10/21/2025

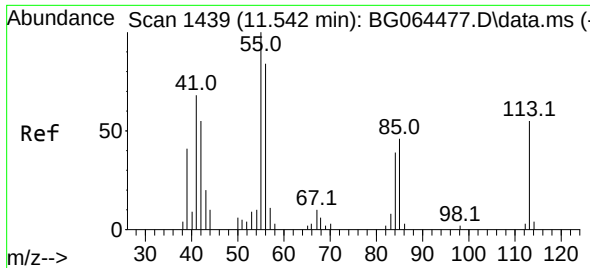


#34
Hexachlorobutadiene
Concen: 47.382 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:225 Resp: 40500
Ion Ratio Lower Upper
225 100
223 58.9 49.0 73.6
227 63.6 49.9 74.9





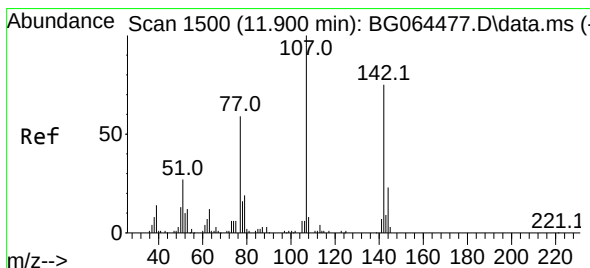
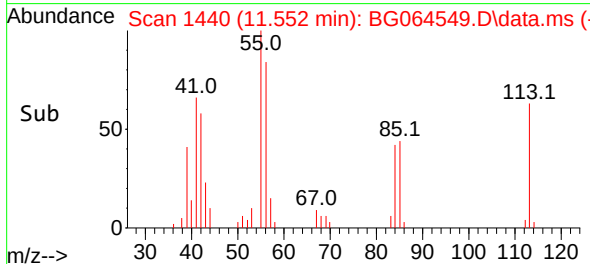
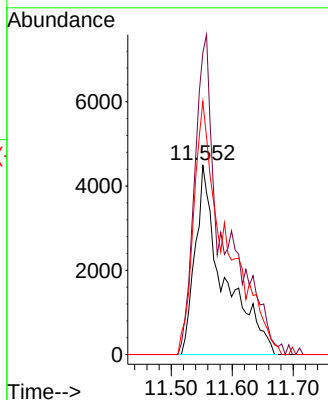
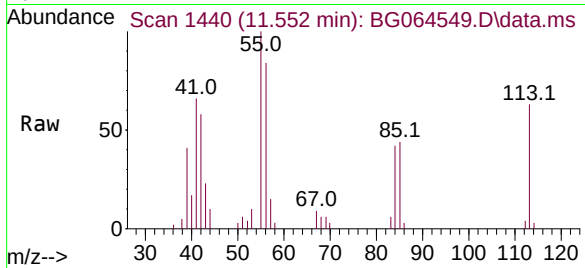
#35
Caprolactam
Concen: 46.530 ng
RT: 11.552 min Scan# 1439
Delta R.T. 0.042 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:113 Resp: 14581
Ion Ratio Lower Upper
113 100
55 159.0 162.0 202.0
56 133.3 134.6 174.6

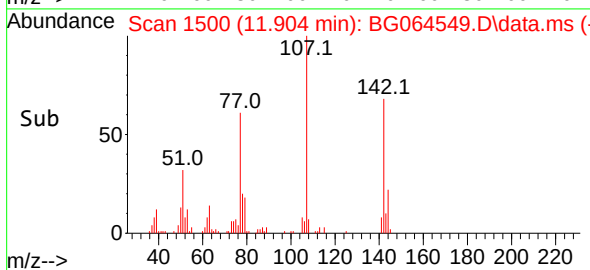
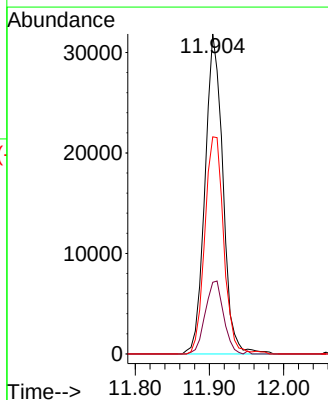
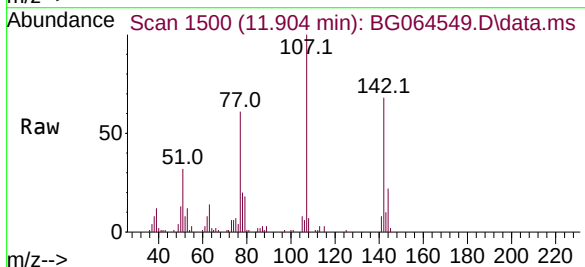
Manual Integrations
APPROVED

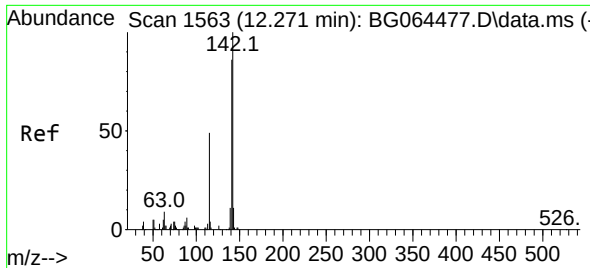
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#36
4-Chloro-3-methylphenol
Concen: 47.901 ng
RT: 11.904 min Scan# 1500
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

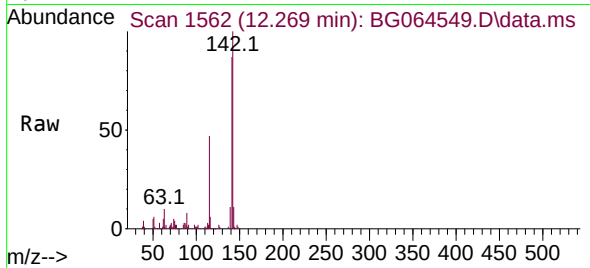
Tgt Ion:107 Resp: 53322
Ion Ratio Lower Upper
107 100
144 22.4 18.7 28.1
142 67.8 60.2 90.2





#37
2-Methylnaphthalene
Concen: 40.540 ng
RT: 12.269 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

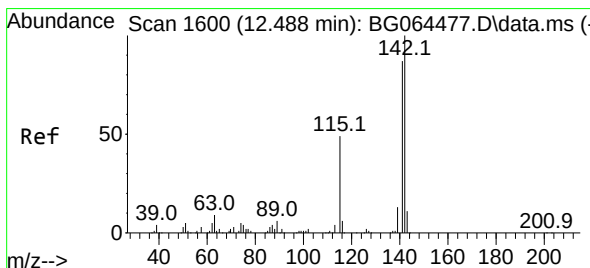
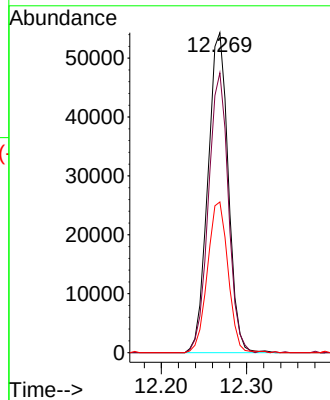
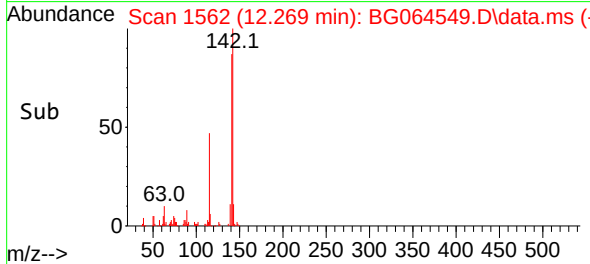
Instrument :
BNA_G
ClientSampleId :
PB170165BS



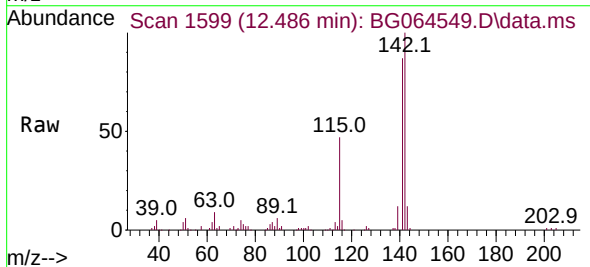
Tgt Ion:142 Resp: 8997
Ion Ratio Lower Upper
142 100
141 87.4 68.7 103.1
115 47.1 39.3 58.9

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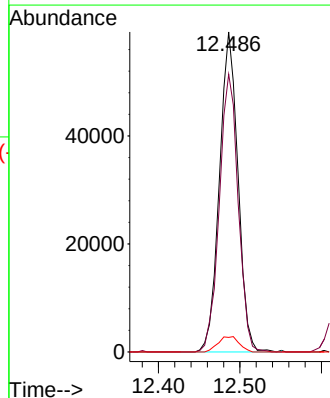
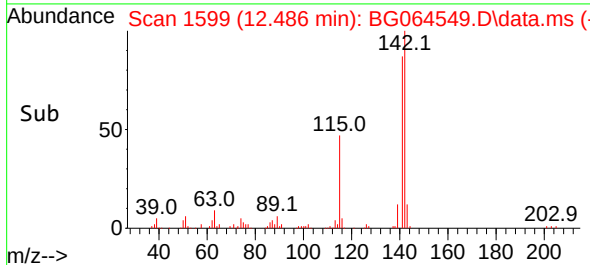
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

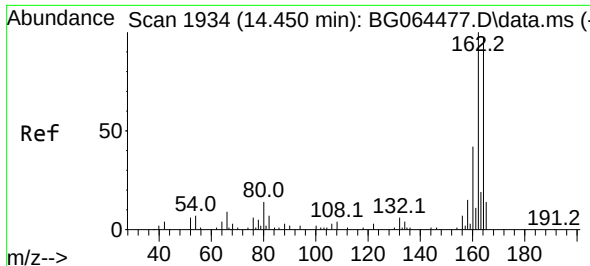


#38
1-Methylnaphthalene
Concen: 42.425 ng m
RT: 12.486 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:142 Resp: 93890
Ion Ratio Lower Upper
142 100
141 86.8 69.8 104.8
116 4.5 4.6 6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BG064549.D

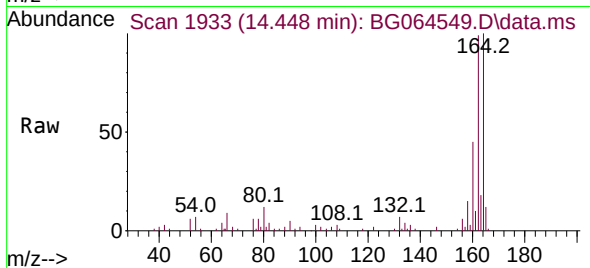
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS



Tgt Ion:164 Resp: 44549

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

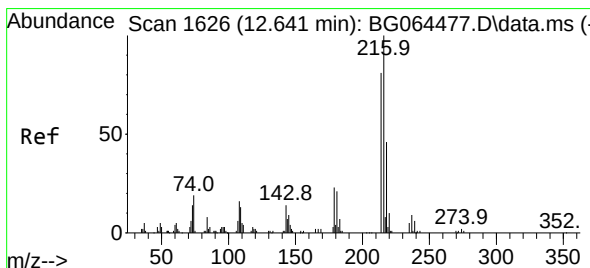
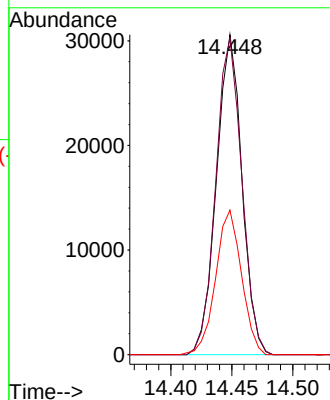
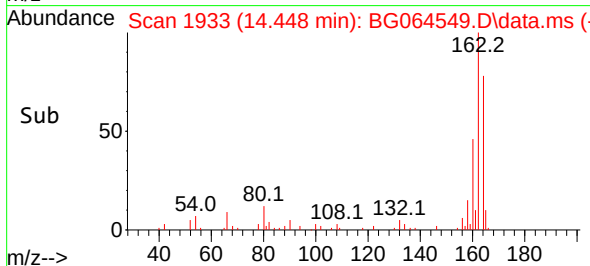
160 45.1 34.3 51.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

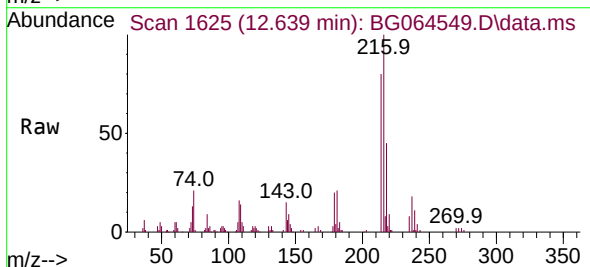
Concen: 48.352 ng

RT: 12.639 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25



Tgt Ion:216 Resp: 69550

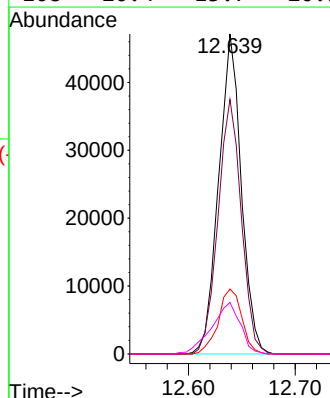
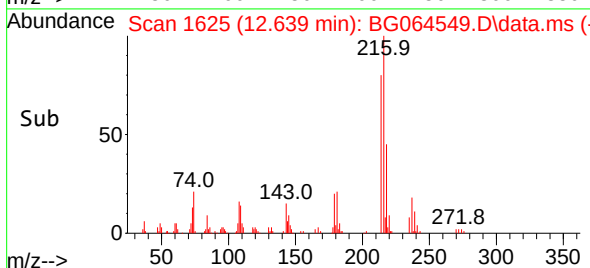
Ion Ratio Lower Upper

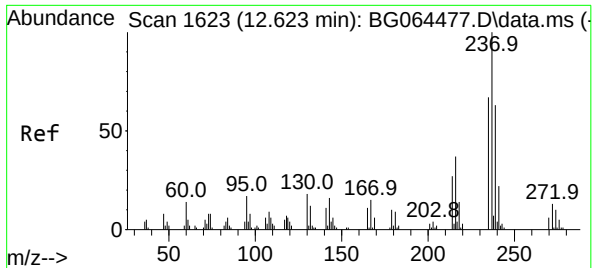
216 100

214 81.7 62.5 93.7

179 21.1 17.0 25.6

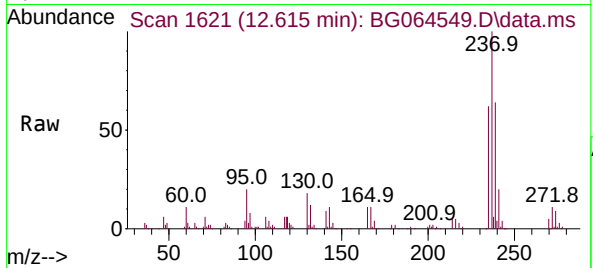
108 20.4 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 127.082 ng
RT: 12.615 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

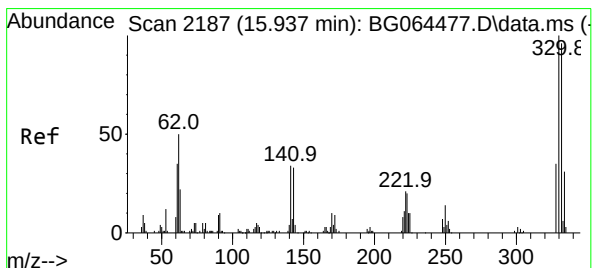
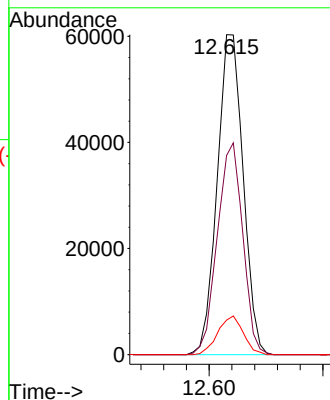
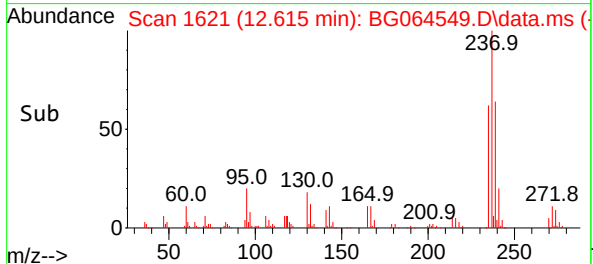
Instrument :
BNA_G
ClientSampleId :
PB170165BS



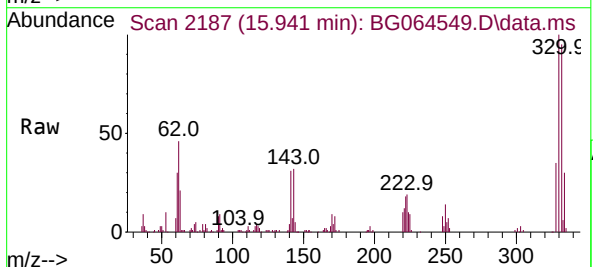
Tgt Ion:237 Resp: 95619
Ion Ratio Lower Upper
237 100
235 62.2 46.9 86.9
272 10.8 0.0 32.6

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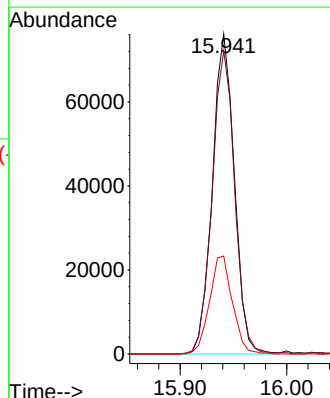
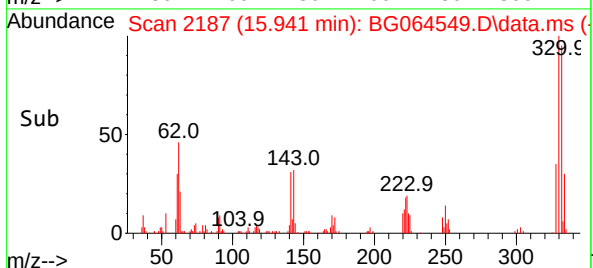
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

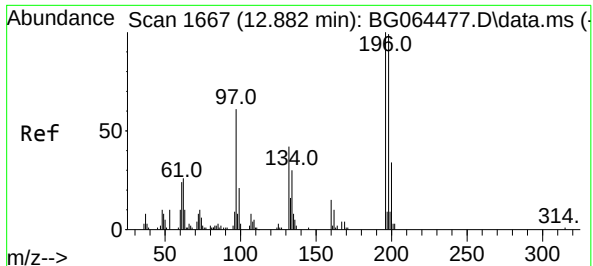


#42
2,4,6-Tribromophenol
Concen: 135.262 ng
RT: 15.941 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:330 Resp: 109226
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.8 25.8 38.6





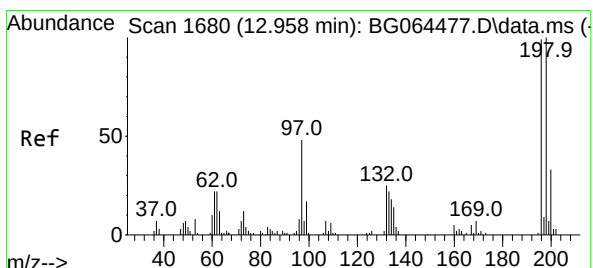
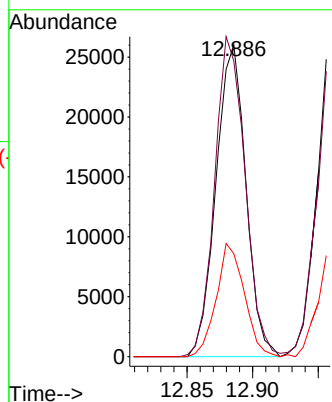
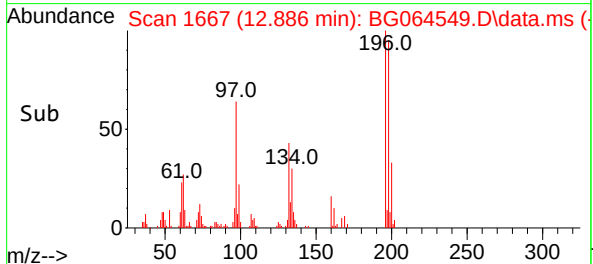
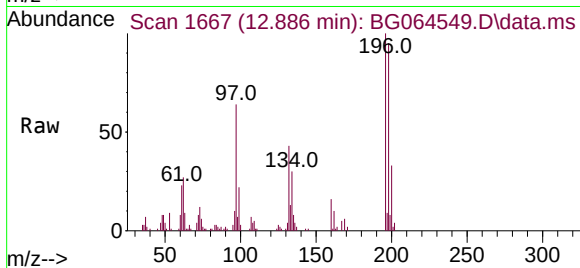
#43
2,4,6-Trichlorophenol
Concen: 44.862 ng
RT: 12.886 min Scan# 1667
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:196 Resp: 4125
Ion Ratio Lower Upper
196 100
198 94.8 79.3 118.9
200 33.0 27.4 41.2

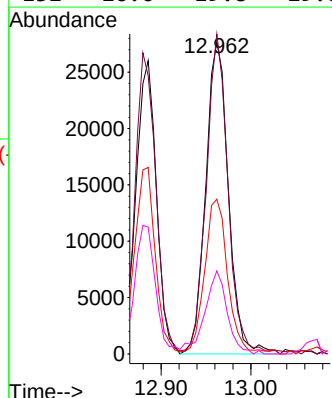
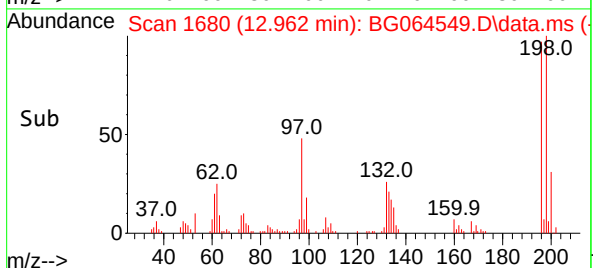
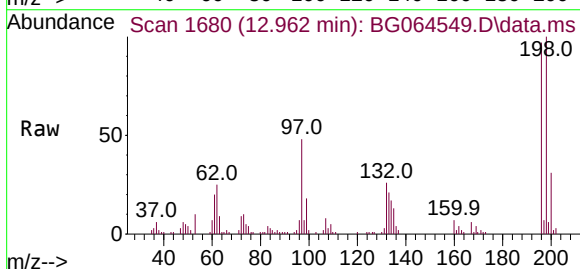
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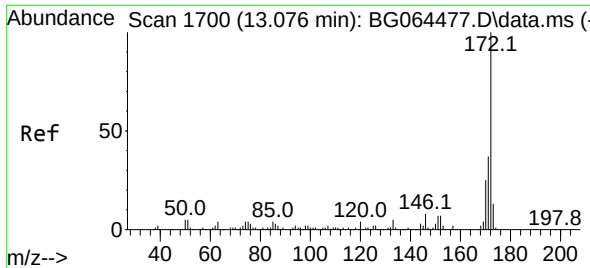
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#44
2,4,5-Trichlorophenol
Concen: 47.405 ng
RT: 12.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

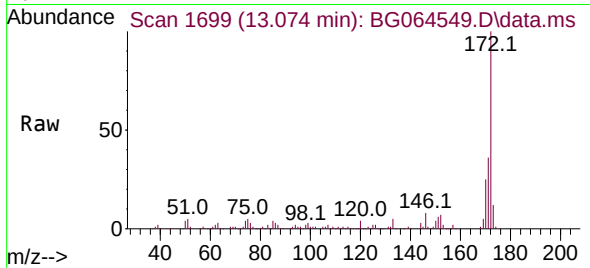
Tgt Ion:196 Resp: 48664
Ion Ratio Lower Upper
196 100
198 102.7 80.3 120.5
97 49.6 39.4 59.0
132 26.6 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 82.763 ng
RT: 13.074 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

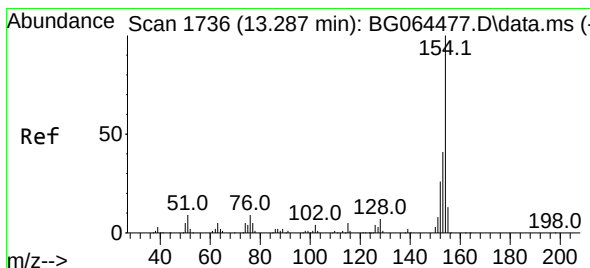
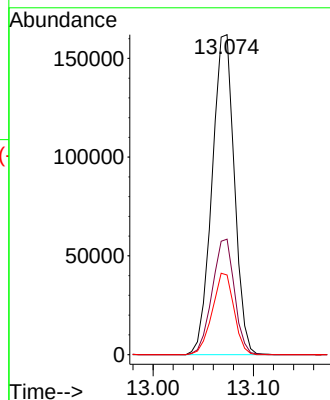
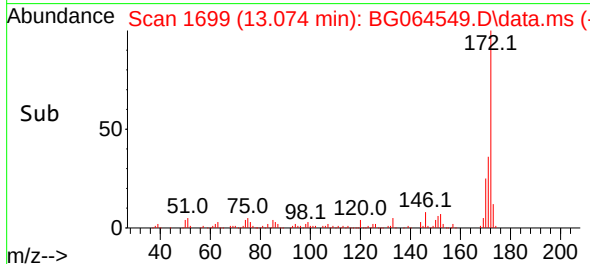
Instrument :
BNA_G
ClientSampleId :
PB170165BS



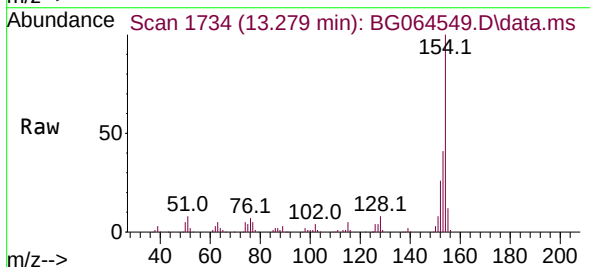
Tgt Ion:172 Resp: 250135
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.9 20.2 30.2

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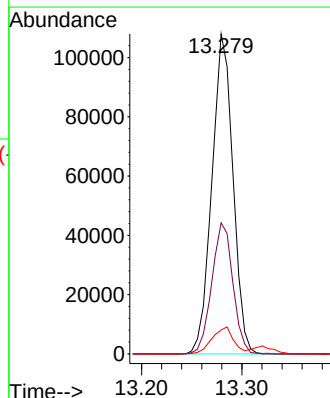
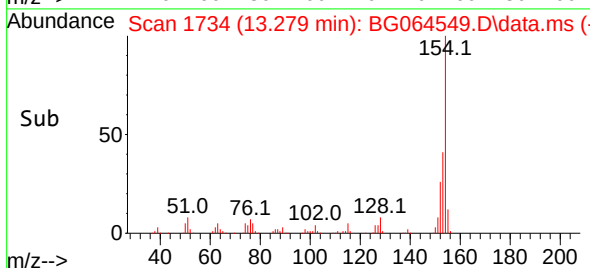
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

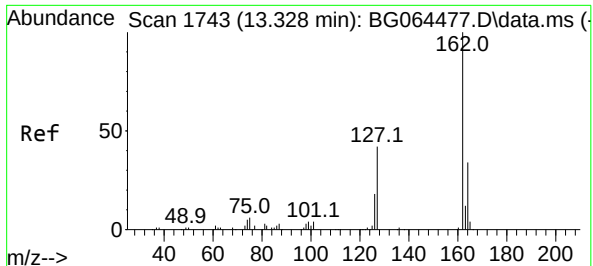


#46
1,1'-Biphenyl
Concen: 49.141 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:154 Resp: 157453
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 7.5 0.0 29.3





#47

2-Chloronaphthalene

Concen: 43.284 ng

RT: 13.320 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion:162 Resp: 103546

Ion Ratio Lower Upper

162 100

127 47.8 35.8 53.8

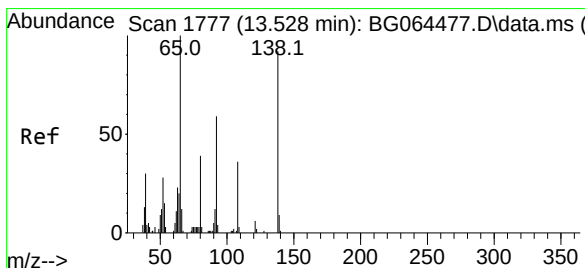
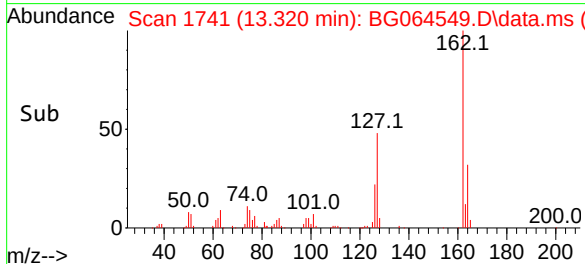
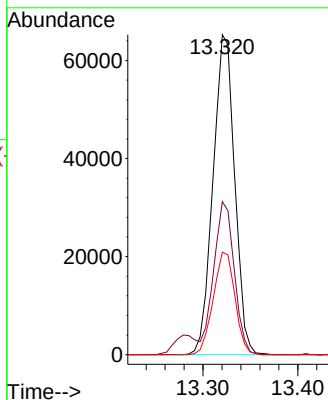
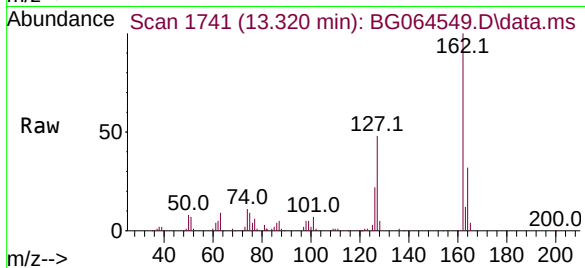
164 32.1 27.2 40.8

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#48

2-Nitroaniline

Concen: 44.910 ng

RT: 13.526 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

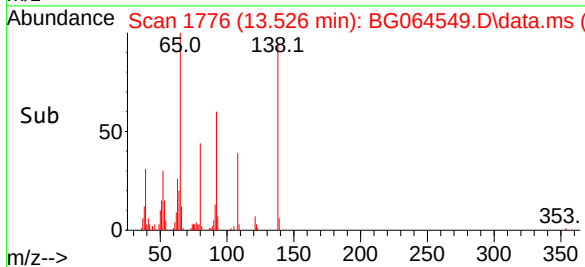
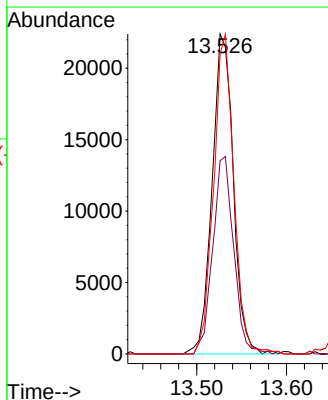
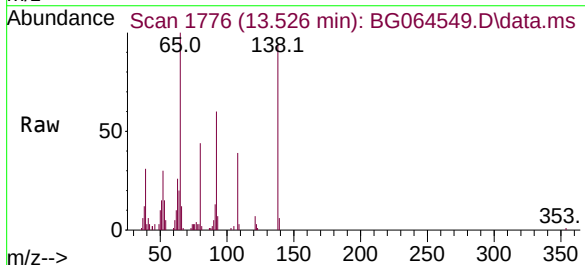
Tgt Ion: 65 Resp: 36668

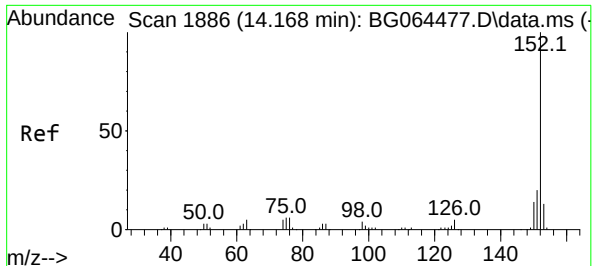
Ion Ratio Lower Upper

65 100

92 60.4 47.0 70.6

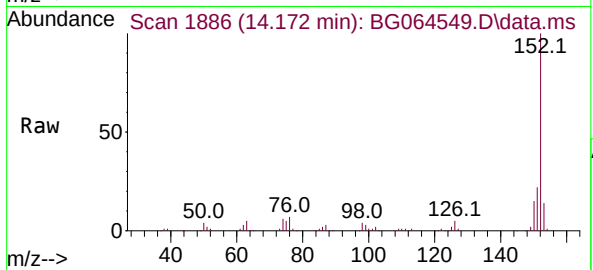
138 93.7 73.5 110.3





#49
Acenaphthylene
Concen: 51.304 ng
RT: 14.172 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

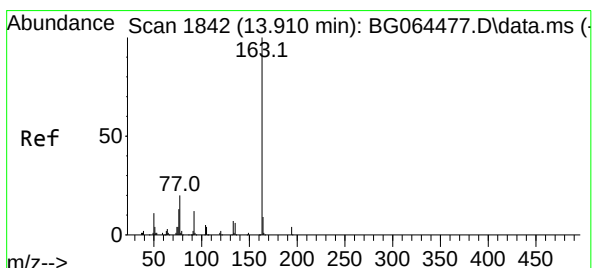
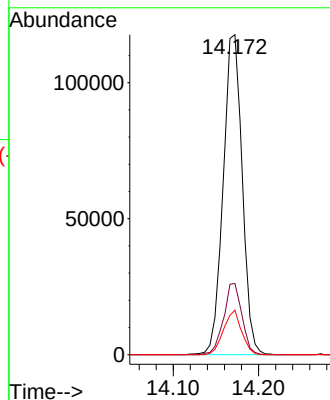
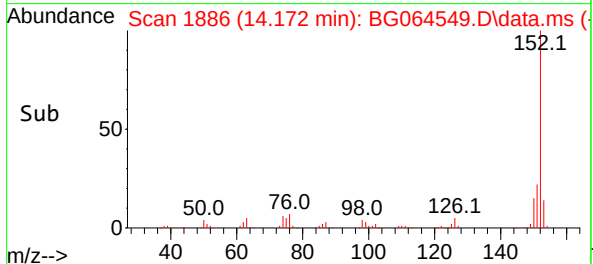
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:152 Resp: 182191
Ion Ratio Lower Upper
152 100
151 22.2 15.8 23.6
153 13.9 10.6 15.8

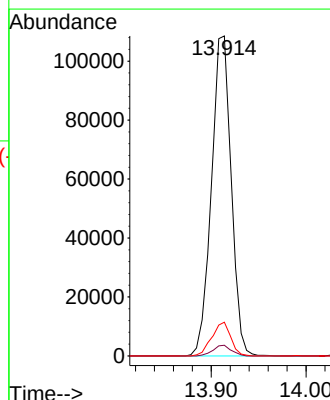
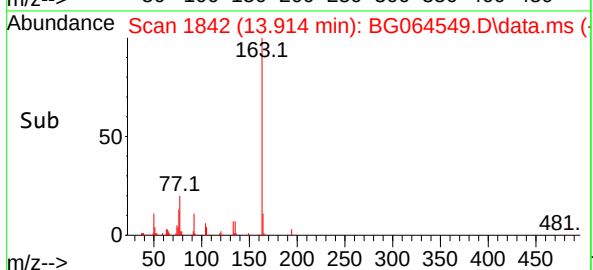
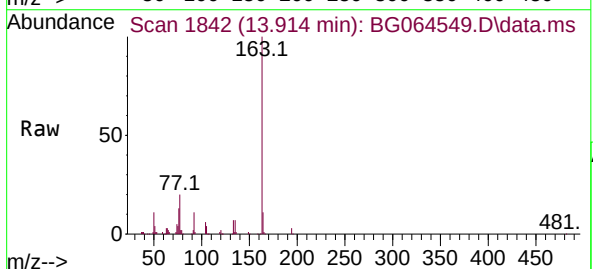
Manual Integrations
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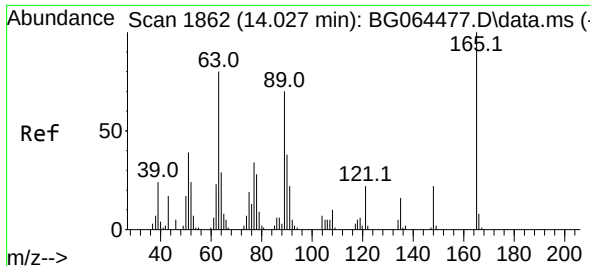
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#50
Dimethylphthalate
Concen: 45.098 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

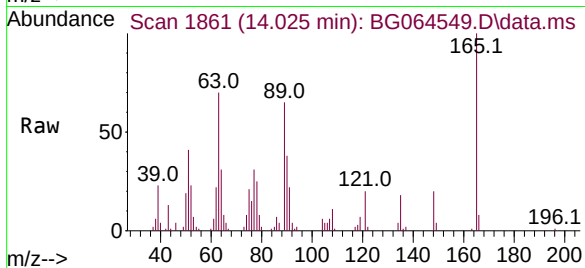
Tgt Ion:163 Resp: 157351
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.5 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 48.230 ng
RT: 14.025 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

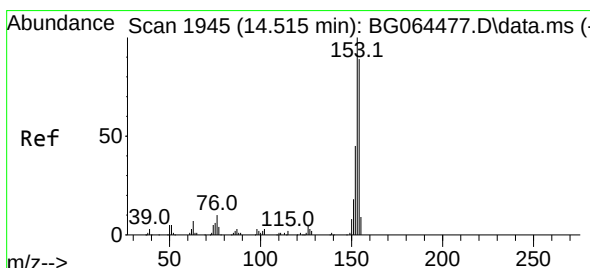
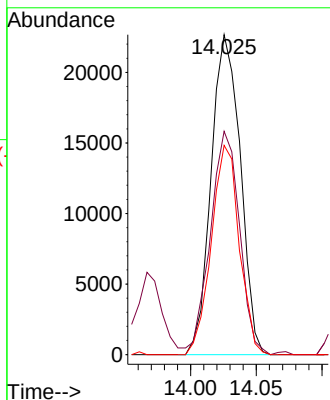
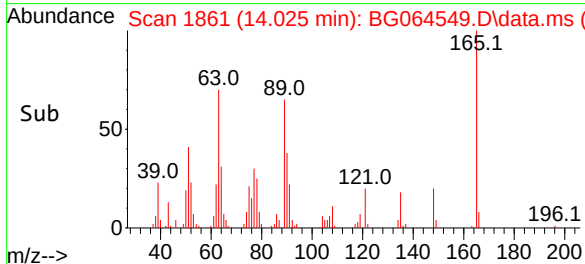
Instrument :
BNA_G
ClientSampleId :
PB170165BS



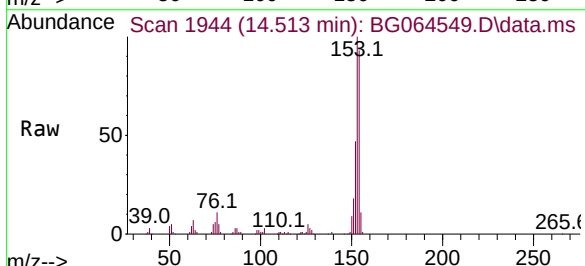
Tgt Ion:165 Resp: 35055
Ion Ratio Lower Upper
165 100
63 69.8 63.9 95.9
89 65.4 56.1 84.1

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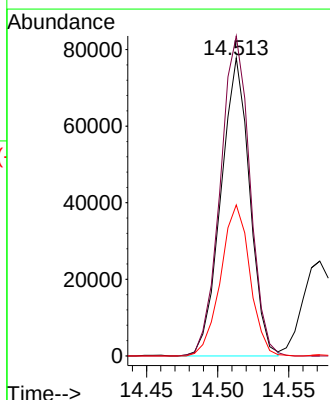
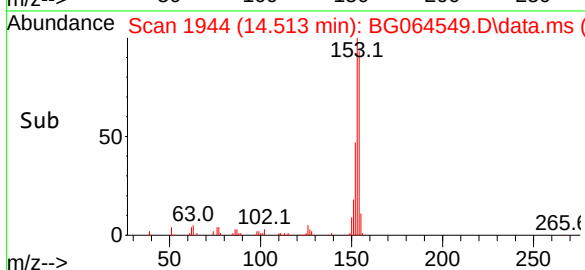
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

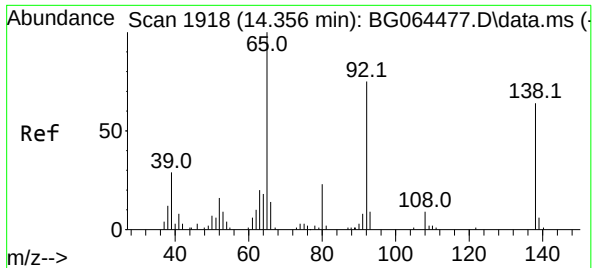


#52
Acenaphthene
Concen: 44.318 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



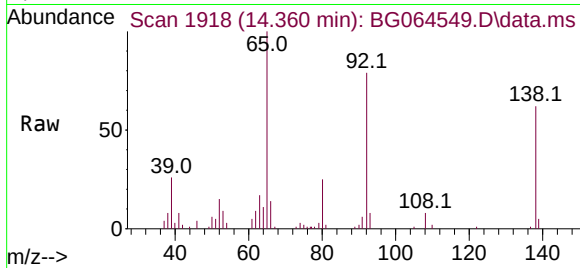
Tgt Ion:154 Resp: 109342
Ion Ratio Lower Upper
154 100
153 107.4 90.2 135.4
152 50.7 40.2 60.4





#53
3-Nitroaniline
Concen: 32.549 ng
RT: 14.360 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

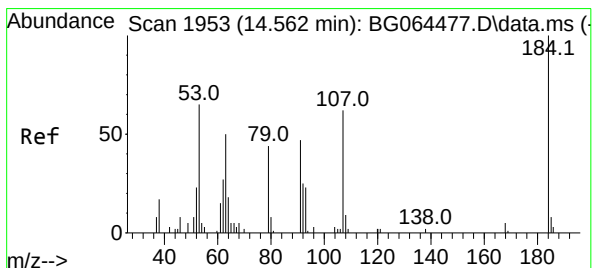
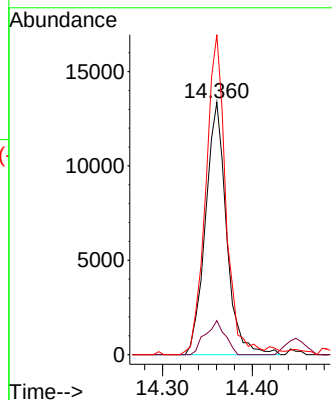
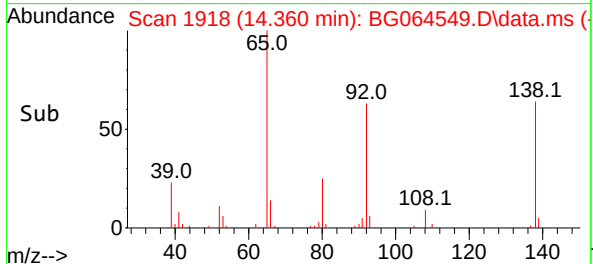
Instrument :
BNA_G
ClientSampleId :
PB170165BS



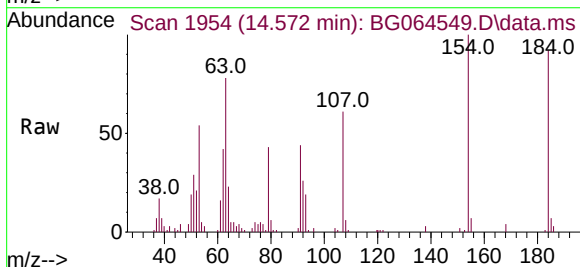
Tgt Ion:138 Resp: 21818
Ion Ratio Lower Upper
138 100
108 13.5 10.6 15.8
92 126.9 93.2 139.8

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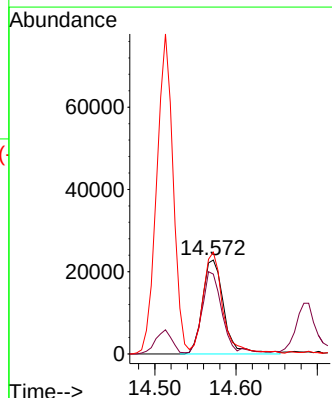
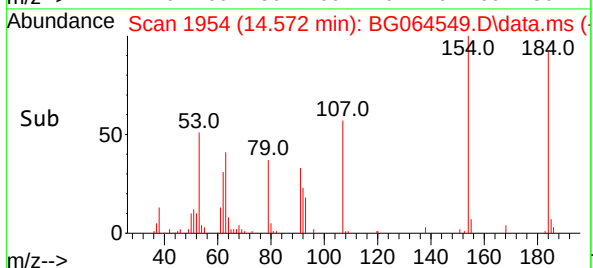
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

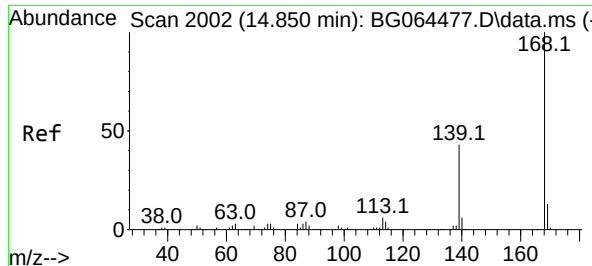


#54
2,4-Dinitrophenol
Concen: 79.453 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:184 Resp: 41874
Ion Ratio Lower Upper
184 100
63 85.0 69.0 103.4
154 108.4 95.6 143.4





#55

Dibenzenofuran

Concen: 44.988 ng

RT: 14.848 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion:168 Resp: 183269

Ion Ratio Lower Upper

168 100

139 42.7 34.0 51.0

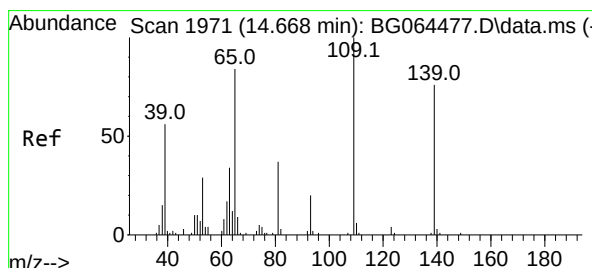
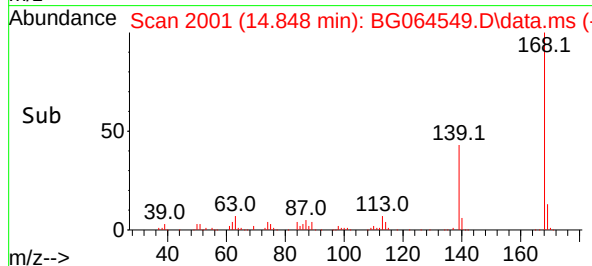
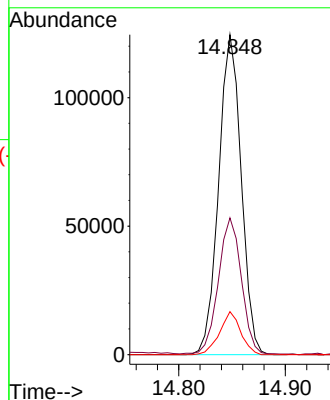
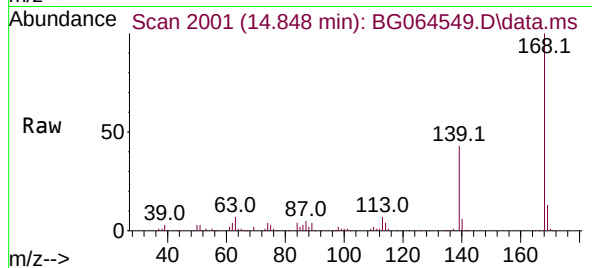
169 13.4 10.2 15.2

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#56

4-Nitrophenol

Concen: 87.916 ng

RT: 14.684 min Scan# 1973

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

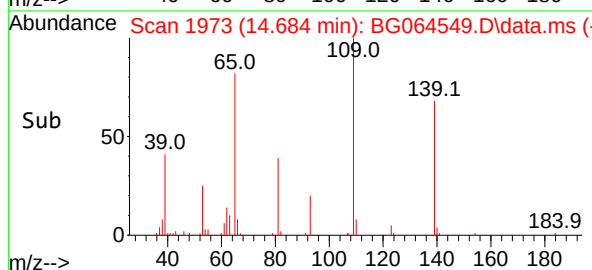
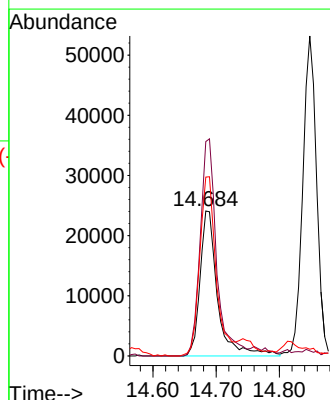
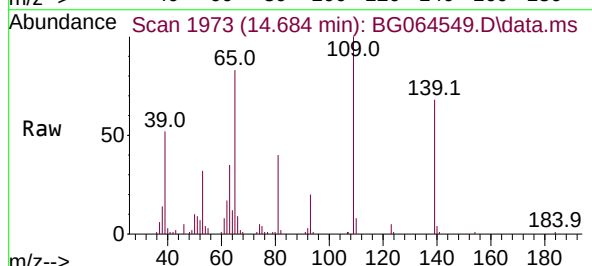
Tgt Ion:139 Resp: 46397

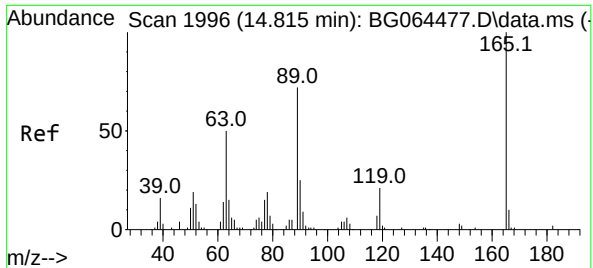
Ion Ratio Lower Upper

139 100

109 147.8 111.8 151.8

65 123.4 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 47.114 ng
RT: 14.819 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

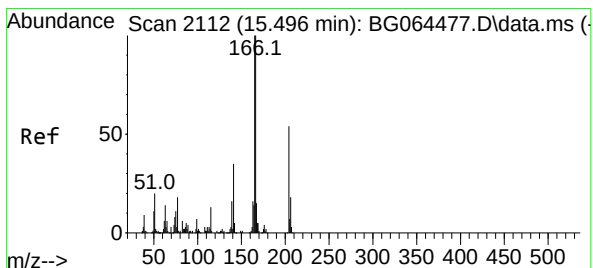
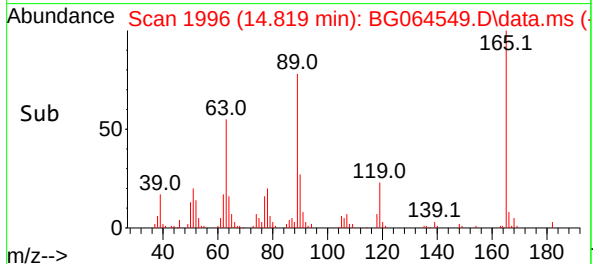
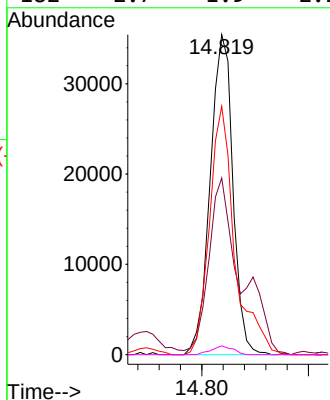
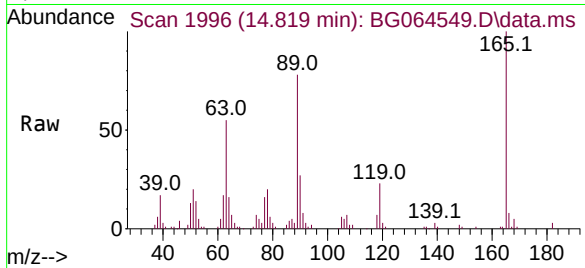
ClientSampleId :

PB170165BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	40.4	60.6
89	77.6	57.3	85.9
182	2.7	1.9	2.9

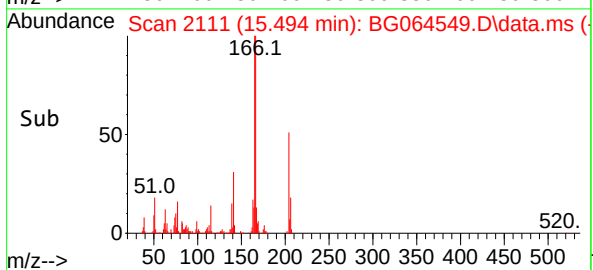
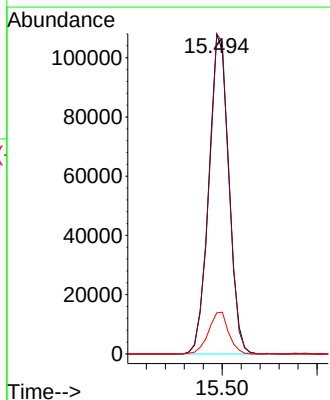
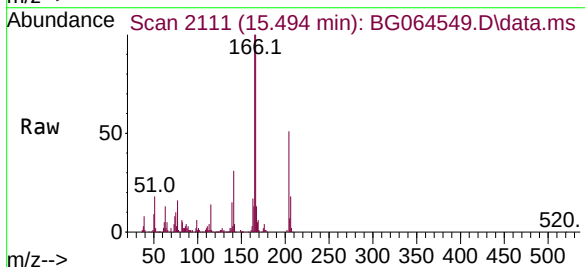
Manual Integrations
APPROVED

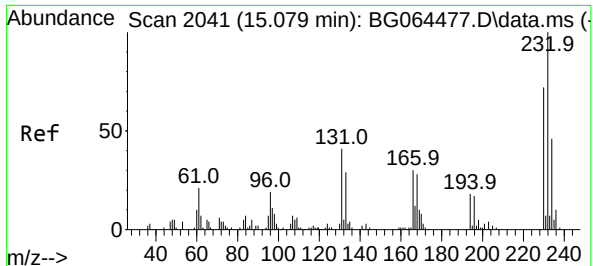
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#58
Fluorene
Concen: 46.615 ng
RT: 15.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

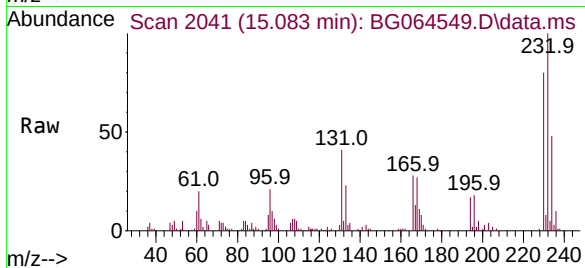
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.6
167	12.9	11.7	17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.653 ng
RT: 15.083 min Scan# 2041
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

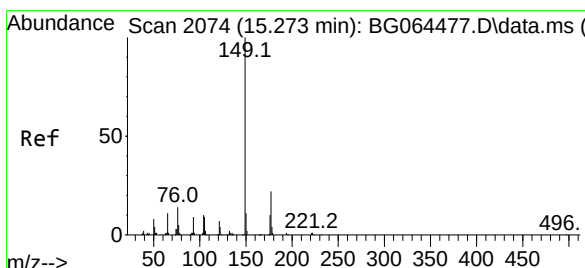
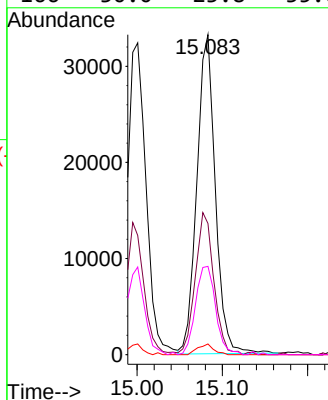
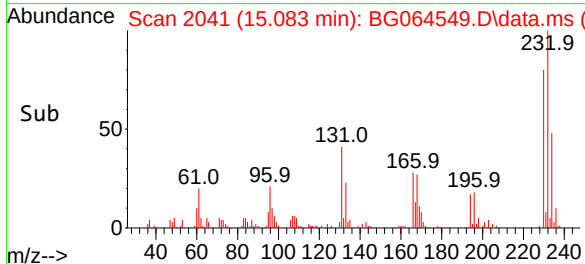
Instrument :
BNA_G
ClientSampleId :
PB170165BS



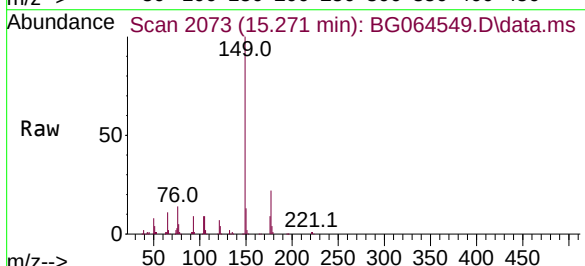
Tgt Ion:232 Resp: 49925
Ion Ratio Lower Upper
232 100
131 45.0 35.0 52.4
130 2.9 2.0 3.0
166 30.0 23.8 35.6

Manual Integrations
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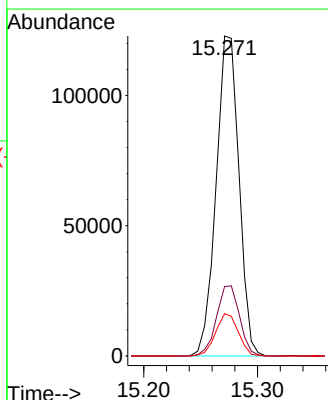
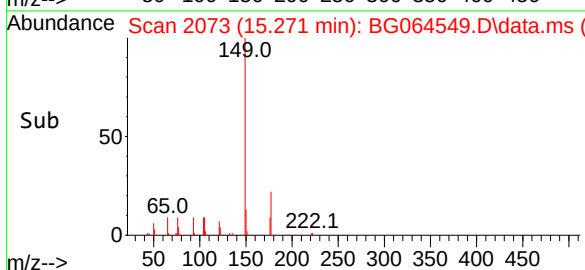
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

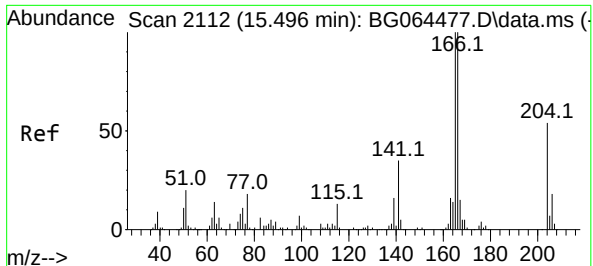


#60
Diethylphthalate
Concen: 45.787 ng
RT: 15.271 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



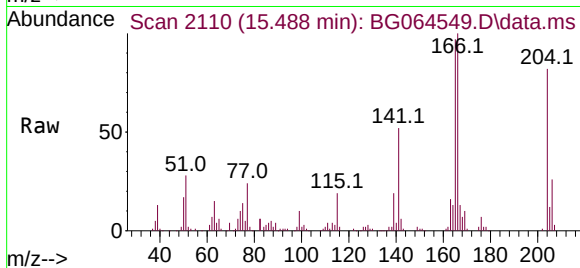
Tgt Ion:149 Resp: 171377
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 13.2 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 45.419 ng
RT: 15.488 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

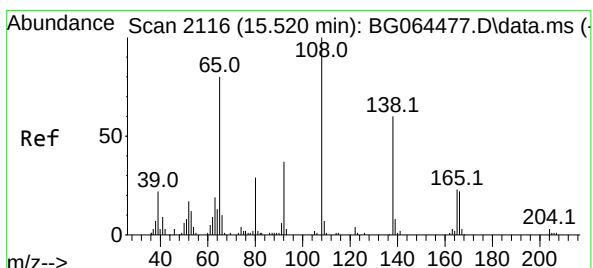
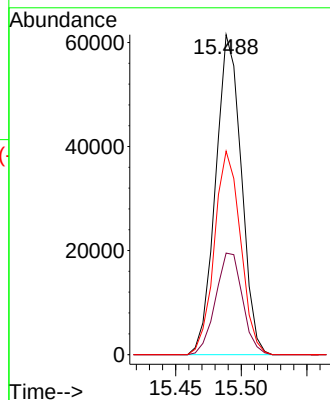
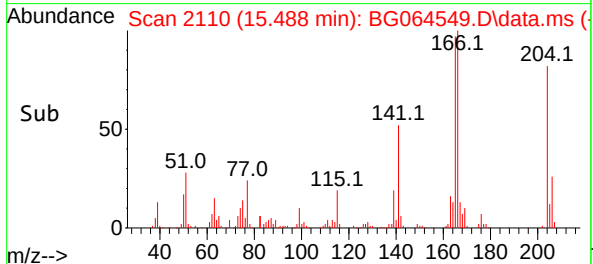
Instrument :
BNA_G
ClientSampleId :
PB170165BS



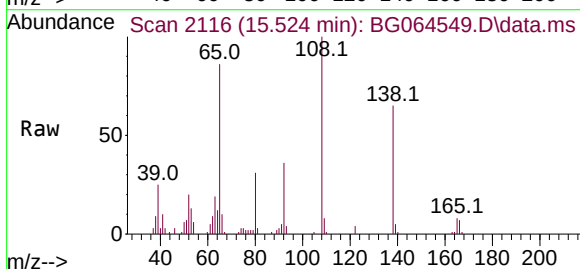
Tgt Ion:204 Resp: 8397
Ion Ratio Lower Upper
204 100
206 31.7 27.1 40.7
141 63.6 51.5 77.3

Manual Integrations
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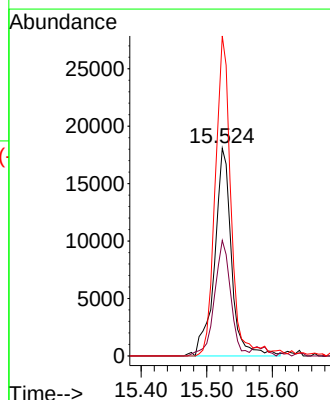
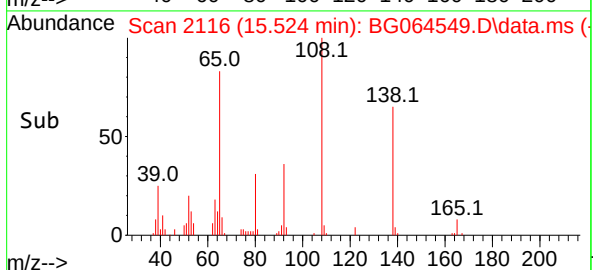
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

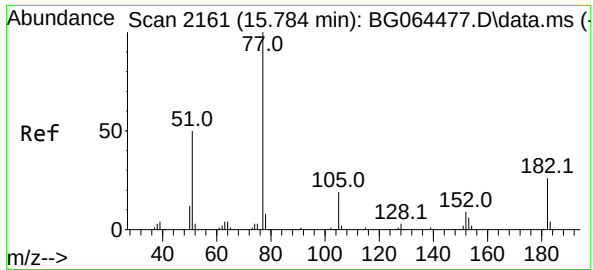


#62
4-Nitroaniline
Concen: 46.343 ng
RT: 15.524 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



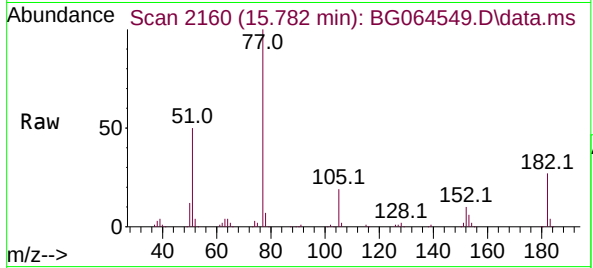
Tgt Ion:138 Resp: 32377
Ion Ratio Lower Upper
138 100
92 55.6 42.3 82.3
108 154.1 147.7 187.7





#63
Azobenzene
Concen: 46.087 ng
RT: 15.782 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

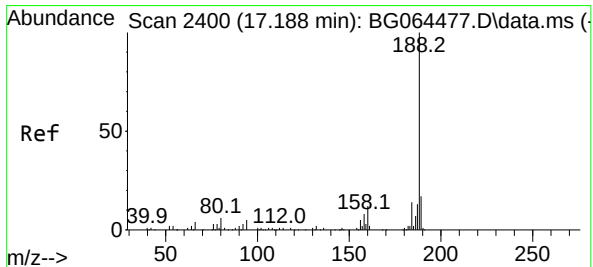
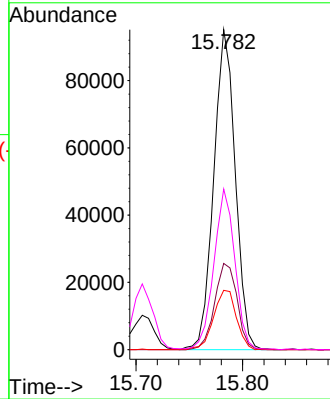
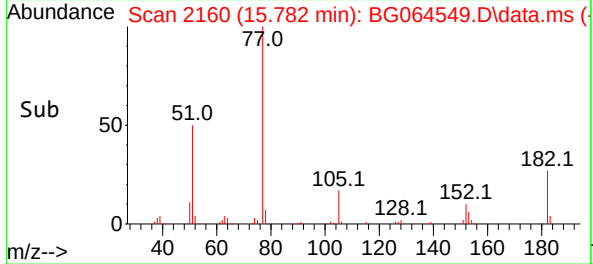
Instrument :
BNA_G
ClientSampleId :
PB170165BS



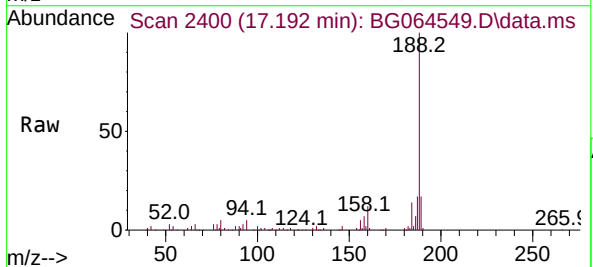
Tgt Ion: 77 Resp: 133595
Ion Ratio Lower Upper
77 100
182 26.9 6.3 46.3
105 18.5 0.0 38.7
51 50.2 30.3 70.3

Manual Integrations
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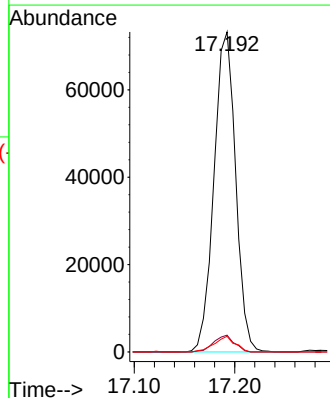
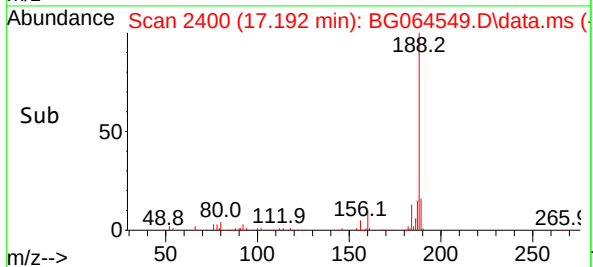
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

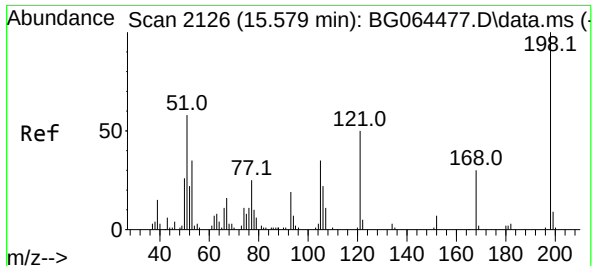


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



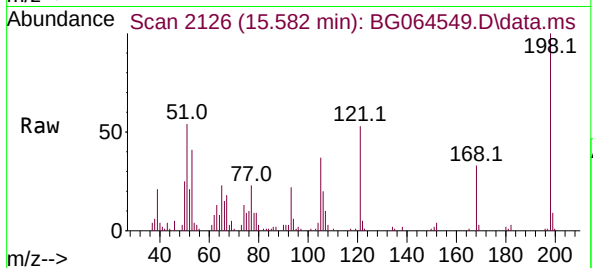
Tgt Ion:188 Resp: 109767
Ion Ratio Lower Upper
188 100
94 5.2 3.7 5.5
80 4.9 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 46.902 ng
RT: 15.582 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

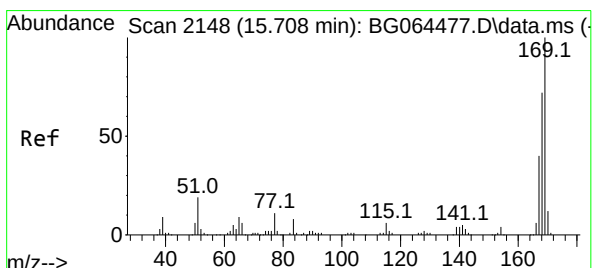
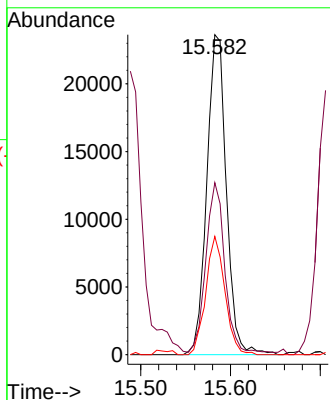
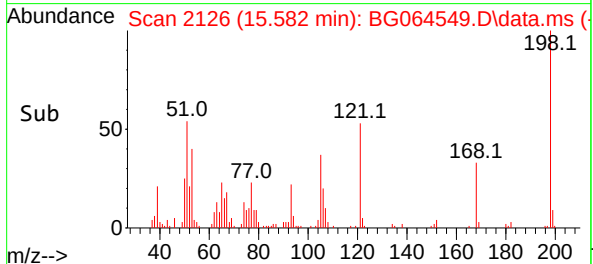
Instrument :
BNA_G
ClientSampleId :
PB170165BS



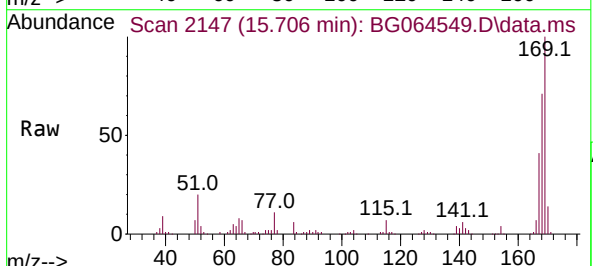
Tgt Ion:198 Resp: 35846
Ion Ratio Lower Upper
198 100
51 53.7 39.0 79.0
105 36.9 15.8 55.8

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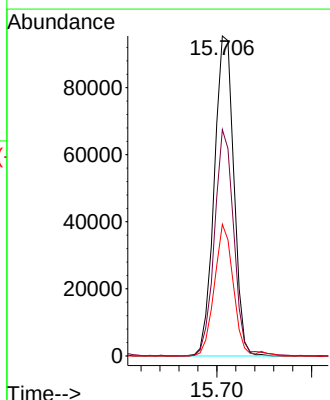
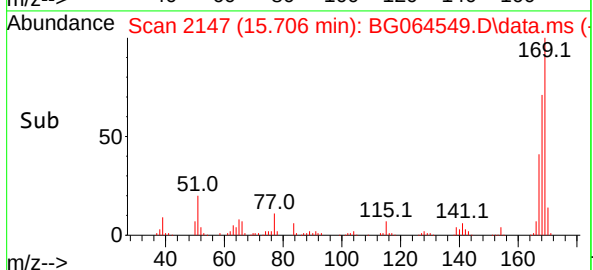
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

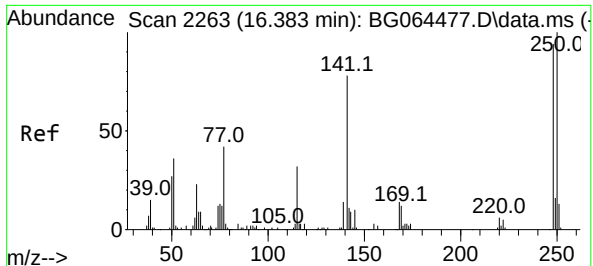


#66
n-Nitrosodiphenylamine
Concen: 46.670 ng
RT: 15.706 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:169 Resp: 136800
Ion Ratio Lower Upper
169 100
168 70.7 57.8 86.6
167 41.1 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 46.292 ng
RT: 16.381 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

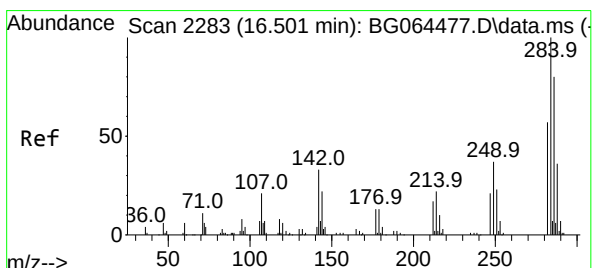
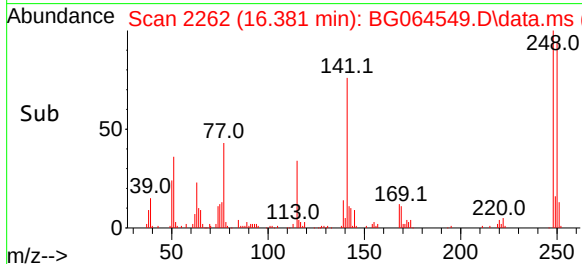
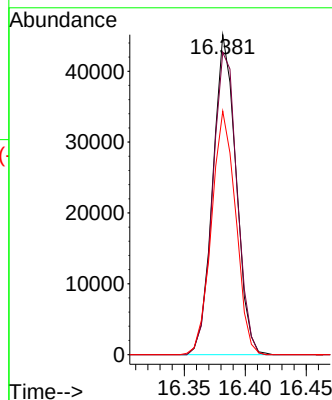
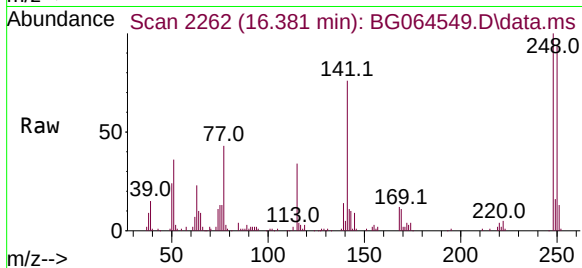
PB170165BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.4	85.3	127.9
141	76.1	66.2	99.2

Manual Integrations

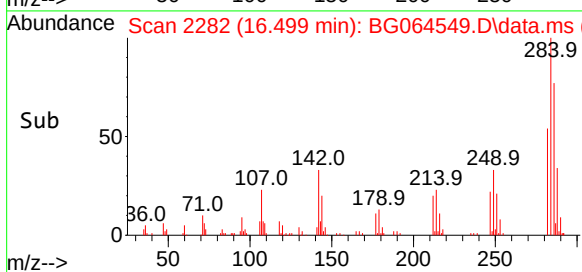
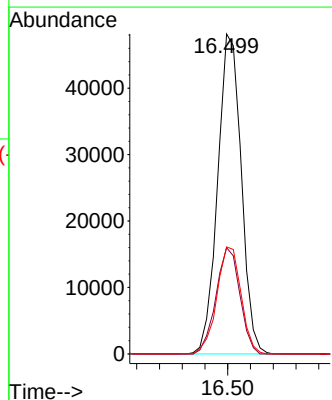
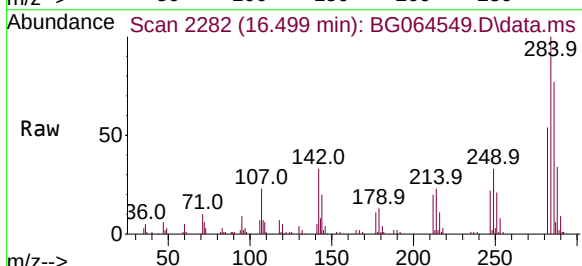
APPROVED

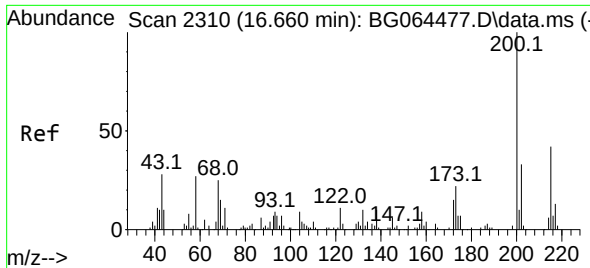
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#68
Hexachlorobenzene
Concen: 46.874 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

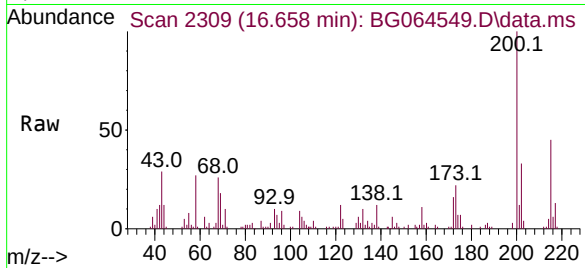
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.2	39.2
249	33.4	29.4	44.0





#69
 Atrazine
 Concen: 48.044 ng
 RT: 16.658 min Scan# 2309
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

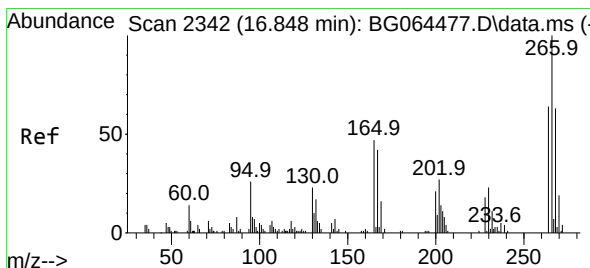
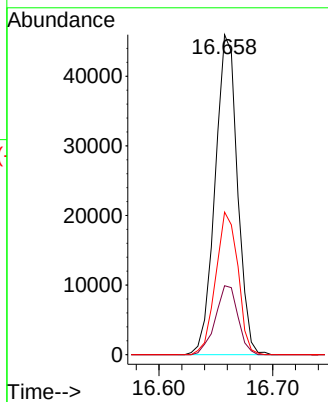
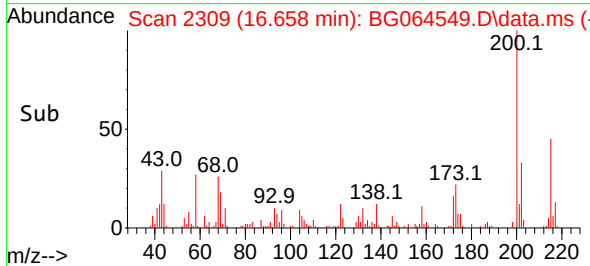
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS



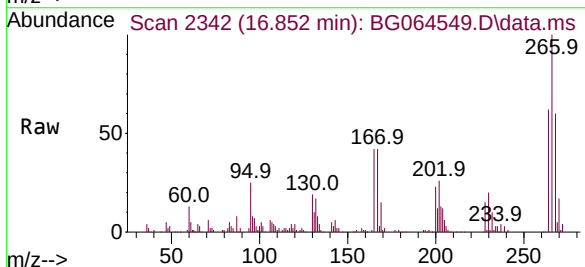
Tgt Ion:200 Resp: 62655
 Ion Ratio Lower Upper
 200 100
 173 21.5 2.5 42.5
 215 44.5 21.5 61.5

Manual Integrations
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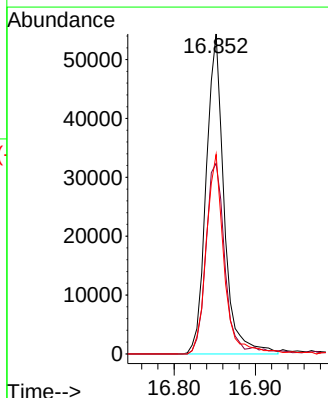
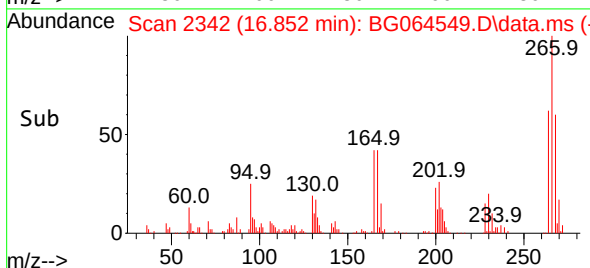
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

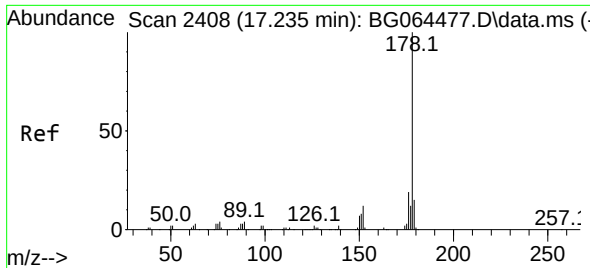


#70
 Pentachlorophenol
 Concen: 96.317 ng
 RT: 16.852 min Scan# 2342
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25



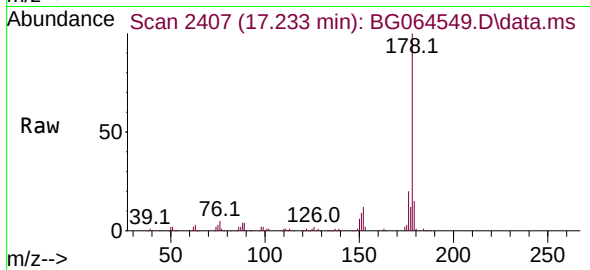
Tgt Ion:266 Resp: 83239
 Ion Ratio Lower Upper
 266 100
 268 59.5 50.6 75.8
 264 62.3 51.2 76.8





#71
Phenanthrene
Concen: 45.635 ng
RT: 17.233 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

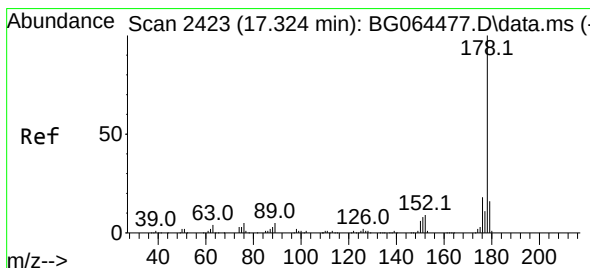
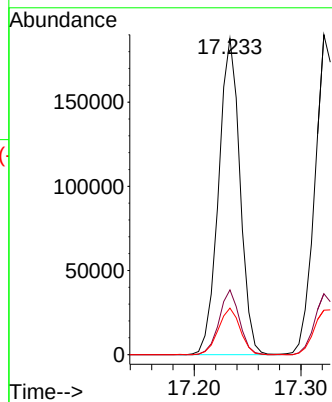
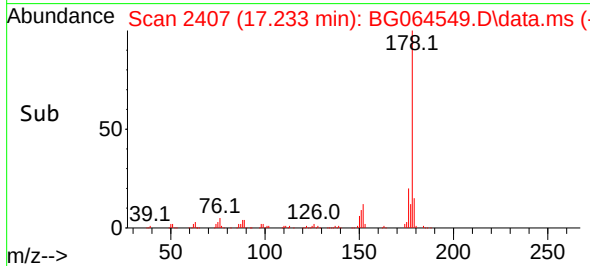
Instrument :
BNA_G
ClientSampleId :
PB170165BS



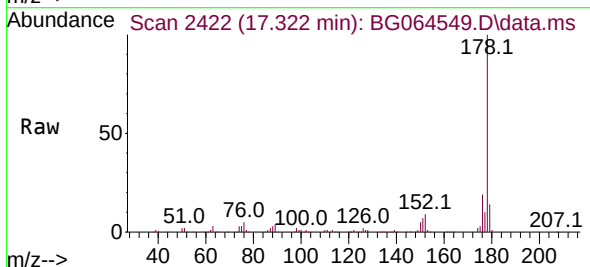
Tgt Ion:178 Resp: 261958
Ion Ratio Lower Upper
178 100
176 20.5 15.2 22.8
179 14.7 11.8 17.6

Manual Integrations
APPROVED

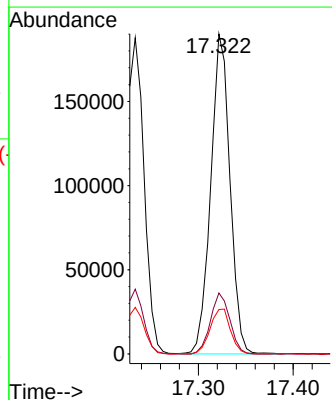
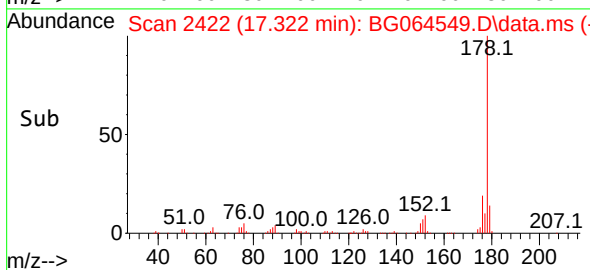
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

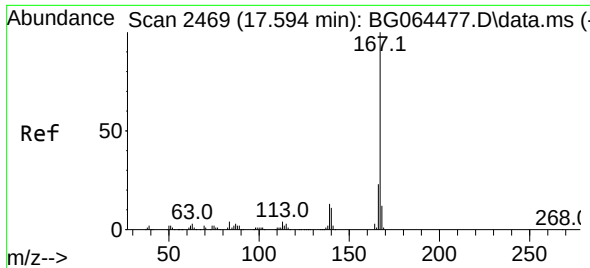


#72
Anthracene
Concen: 46.634 ng
RT: 17.322 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



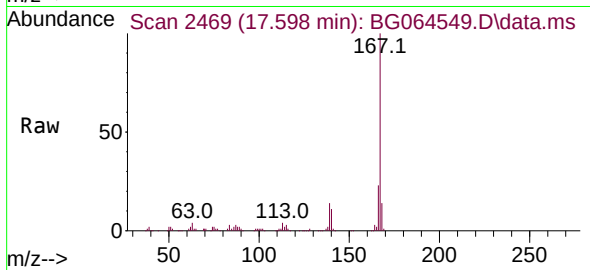
Tgt Ion:178 Resp: 268556
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 13.9 12.5 18.7





#73
Carbazole
Concen: 46.986 ng
RT: 17.598 min Scan# 2469
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

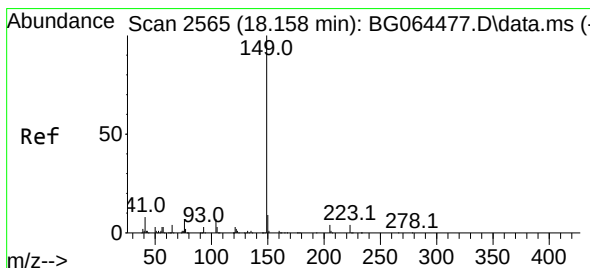
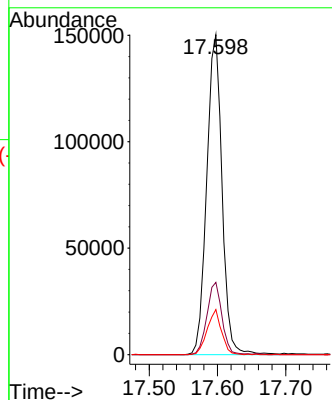
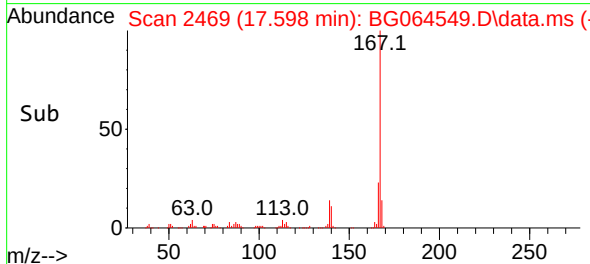
Instrument :
BNA_G
ClientSampleId :
PB170165BS



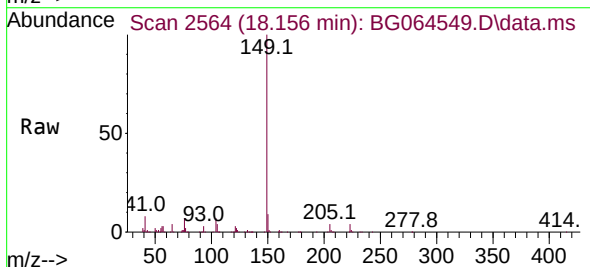
Tgt Ion:167 Resp: 233881
Ion Ratio Lower Upper
167 100
166 22.6 18.6 27.8
139 14.1 10.2 15.4

Manual Integrations
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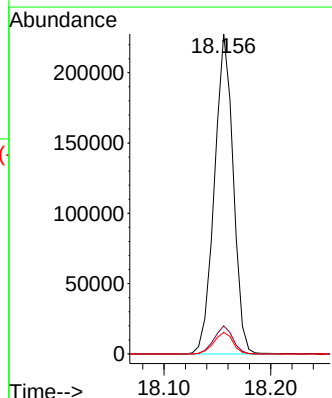
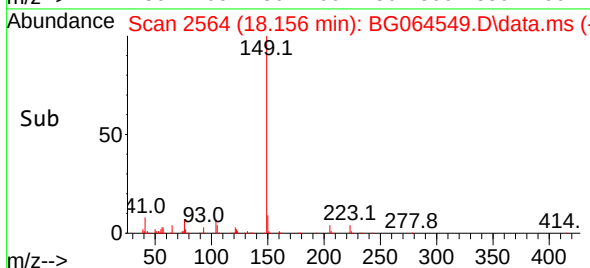
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

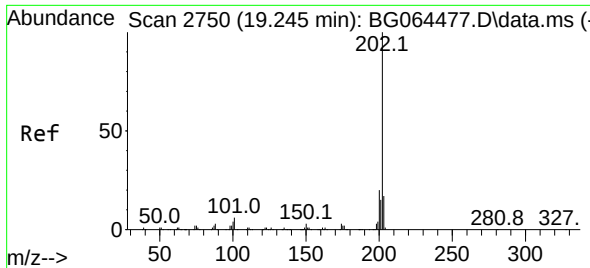


#74
Di-n-butylphthalate
Concen: 45.881 ng
RT: 18.156 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



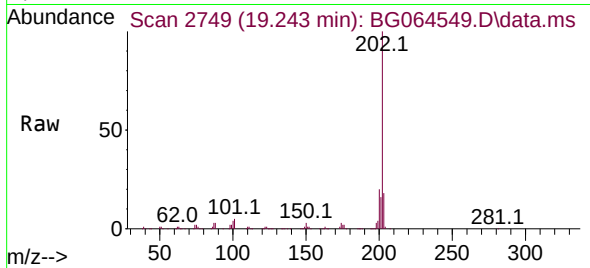
Tgt Ion:149 Resp: 278793
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 6.7 5.3 7.9





#75
Fluoranthene
Concen: 45.562 ng
RT: 19.243 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

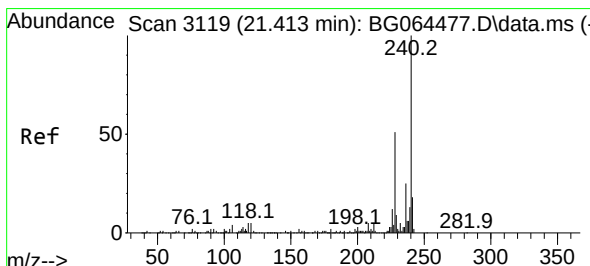
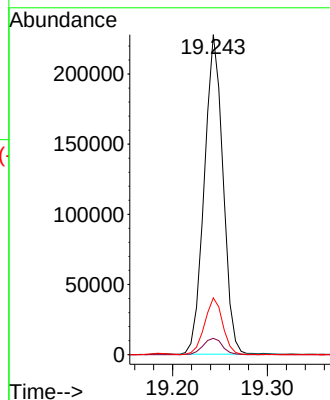
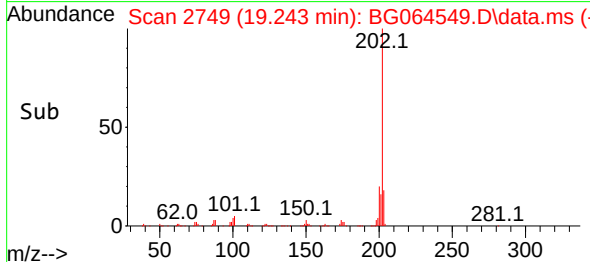
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:202 Resp: 312448
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.7
203 17.7 0.0 36.6

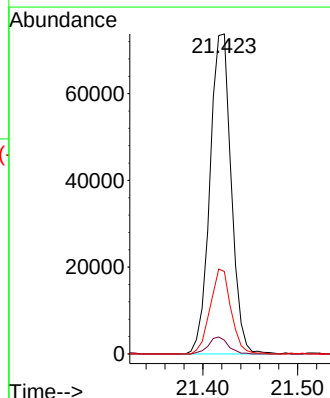
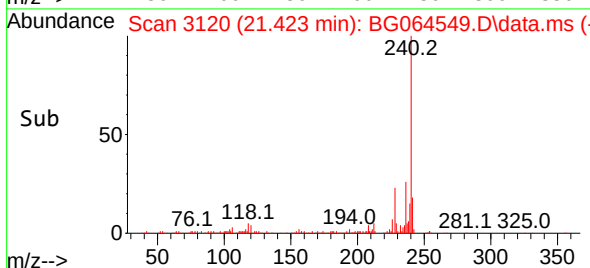
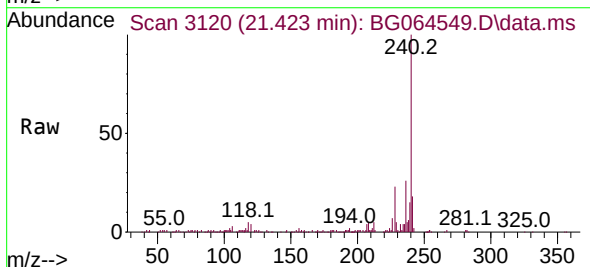
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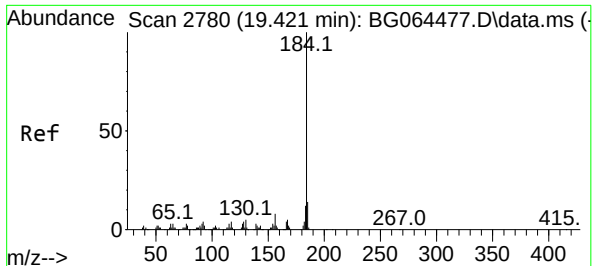
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.423 min Scan# 3120
Delta R.T. 0.013 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

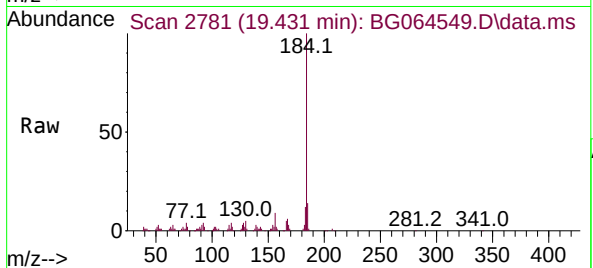
Tgt Ion:240 Resp: 115066
Ion Ratio Lower Upper
240 100
120 4.3 4.3 6.5#
236 25.7 20.4 30.6





#77
Benzidine
Concen: 28.573 ng
RT: 19.431 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

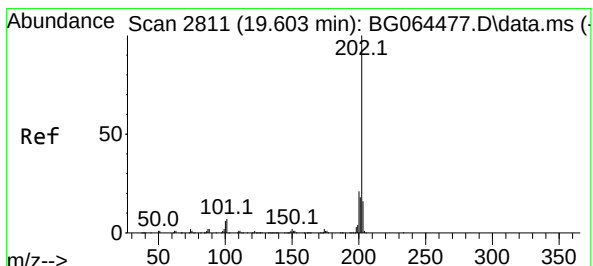
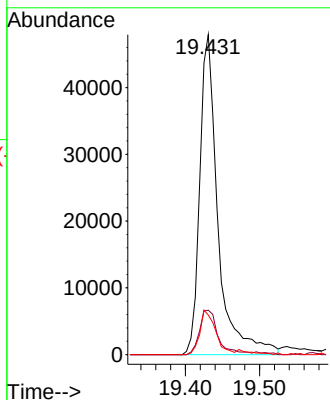
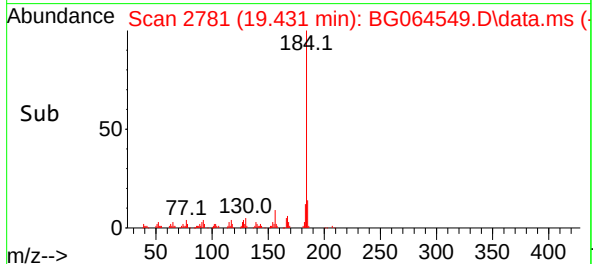
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:184 Resp: 8181
Ion Ratio Lower Upper
184 100
185 13.9 10.9 16.3
183 12.4 9.8 14.6

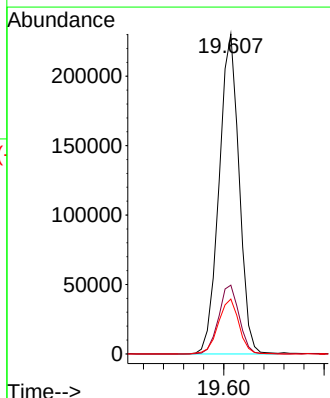
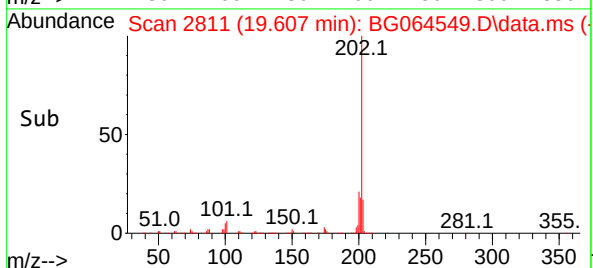
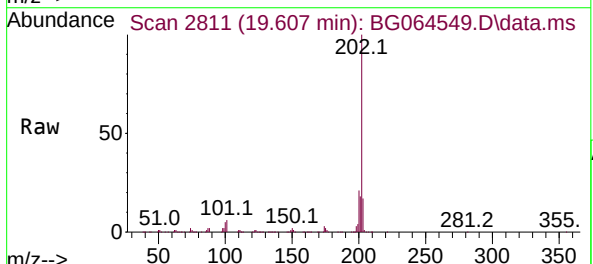
Manual Integrations
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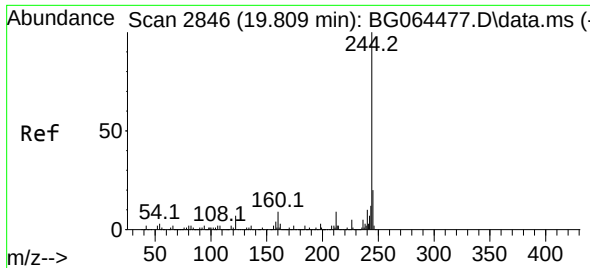
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#78
Pyrene
Concen: 42.785 ng
RT: 19.607 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

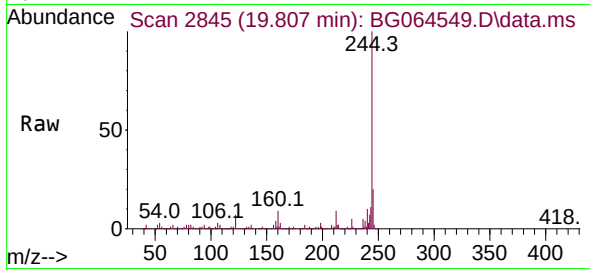
Tgt Ion:202 Resp: 319492
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.2 13.0 19.4





#79
Terphenyl-d14
Concen: 86.178 ng
RT: 19.807 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

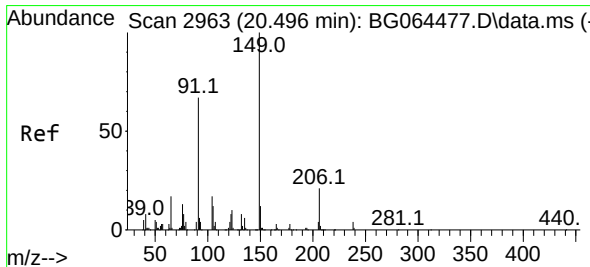
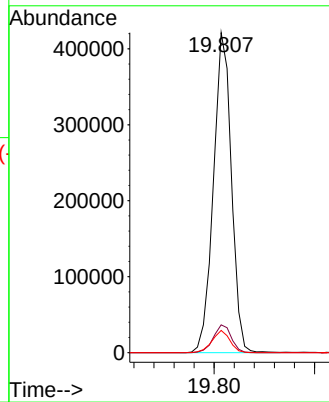
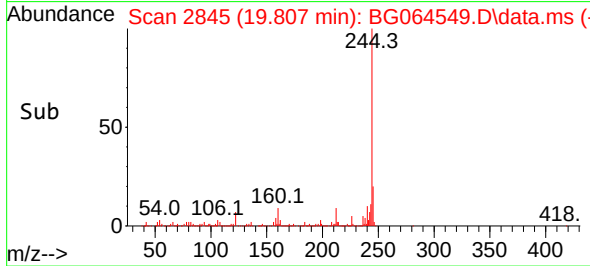
Instrument :
BNA_G
ClientSampleId :
PB170165BS



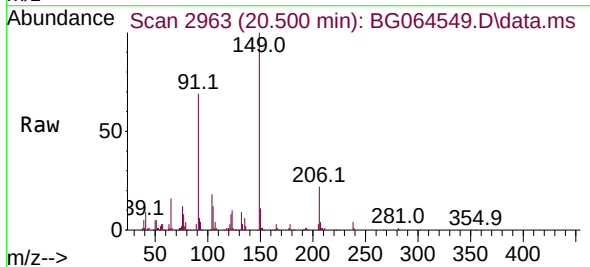
Tgt Ion:244 Resp: 52397
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 6.9 5.6 8.4

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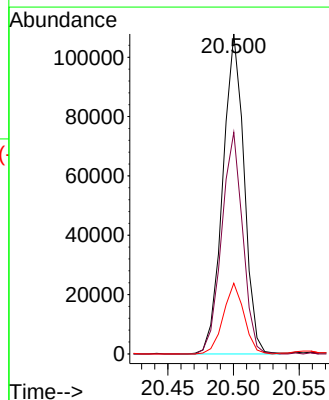
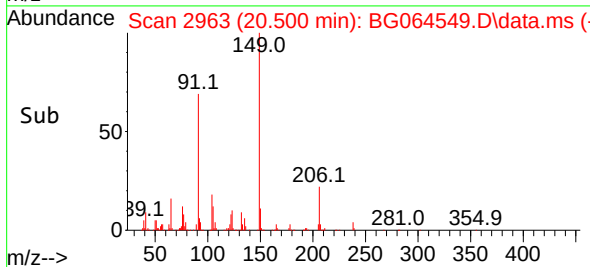
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

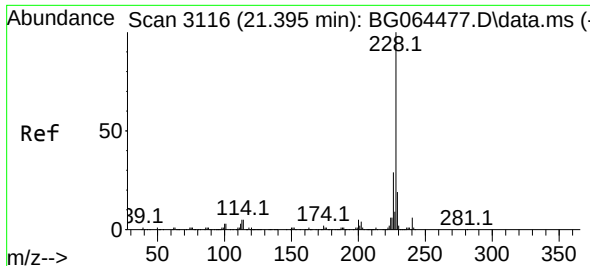


#80
Butylbenzylphthalate
Concen: 46.042 ng
RT: 20.500 min Scan# 2963
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



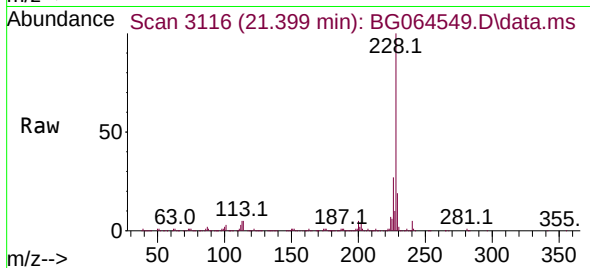
Tgt Ion:149 Resp: 121880
Ion Ratio Lower Upper
149 100
91 69.2 53.7 80.5
206 22.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 45.971 ng
RT: 21.399 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

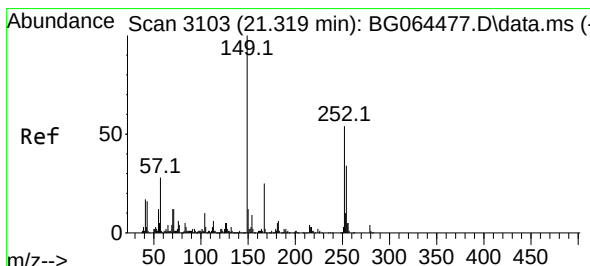
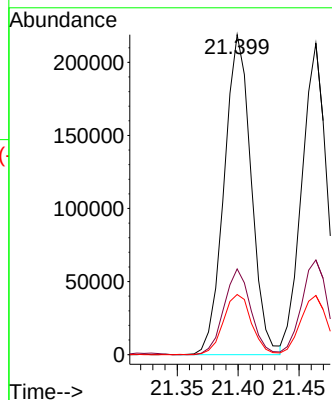
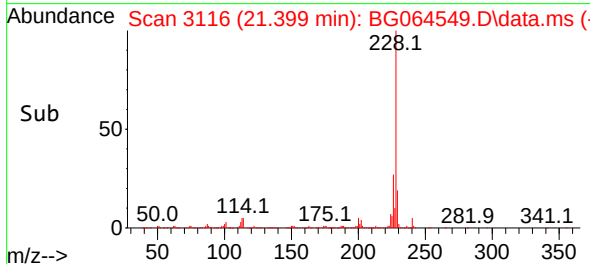
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:228 Resp: 337748
Ion Ratio Lower Upper
228 100
226 26.8 22.8 34.2
229 18.8 15.2 22.8

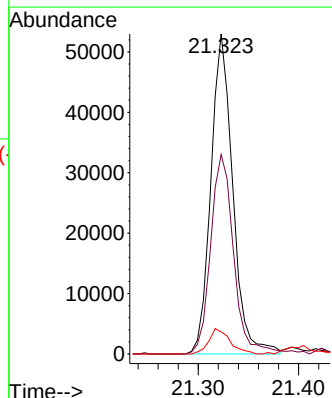
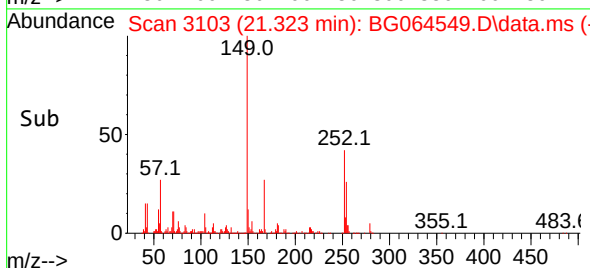
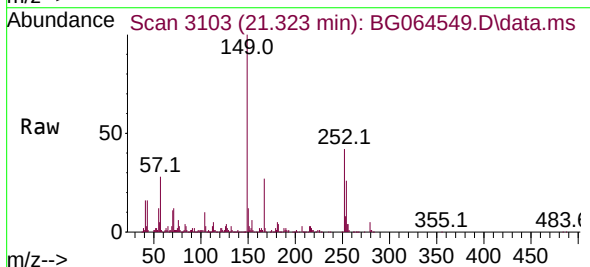
Manual Integrations
APPROVED

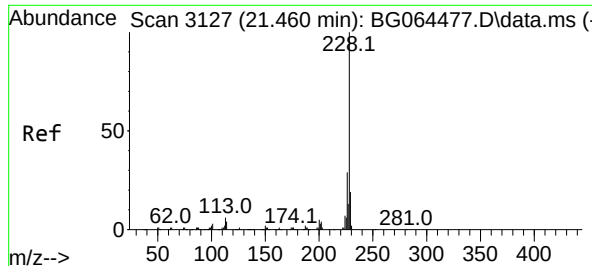
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#82
3,3'-Dichlorobenzidine
Concen: 32.303 ng
RT: 21.323 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:252 Resp: 80327
Ion Ratio Lower Upper
252 100
254 62.3 50.5 75.7
126 6.9 7.1 10.7#





#83

Chrysene

Concen: 43.720 ng

RT: 21.464 min Scan# 3127

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

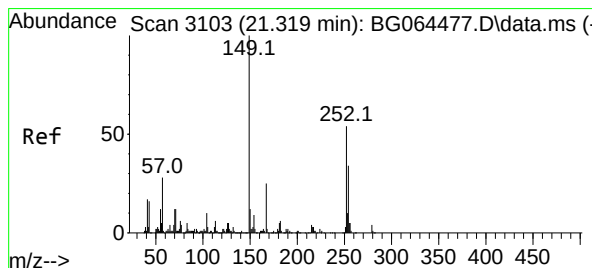
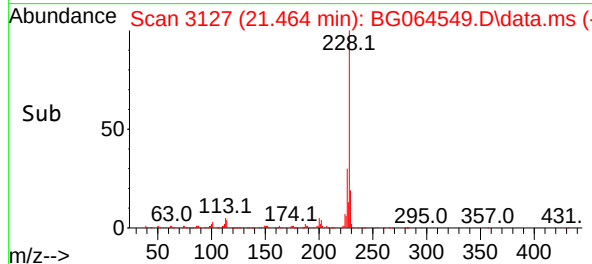
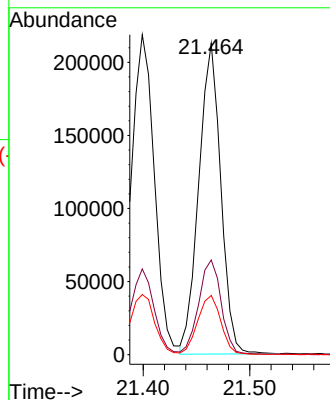
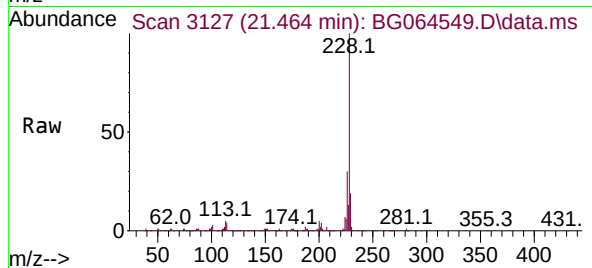
Tgt Ion:228	Resp: 304625
Ion Ratio	Lower Upper
228 100	
226 30.4	22.8 34.2
229 19.0	15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.213 ng

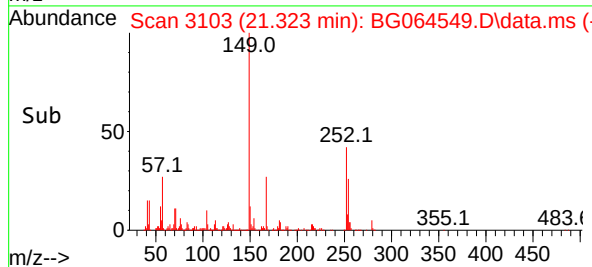
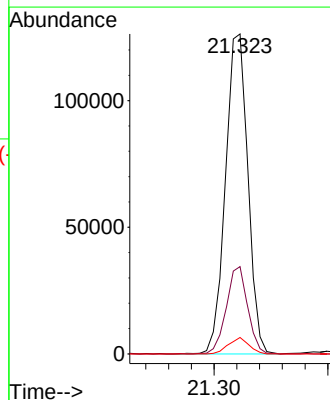
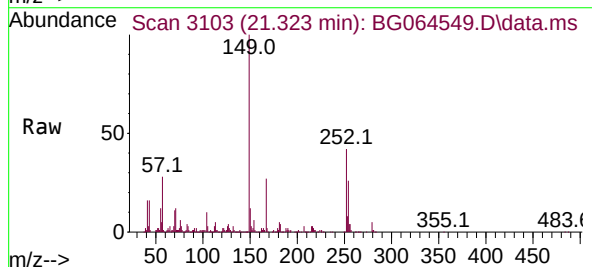
RT: 21.323 min Scan# 3103

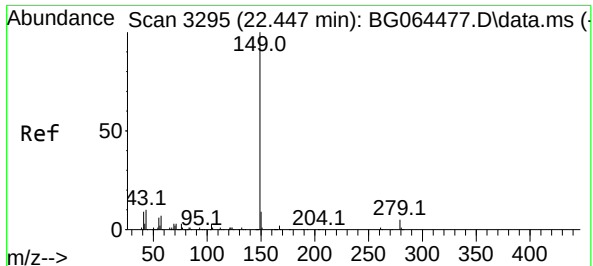
Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:149	Resp: 172602
Ion Ratio	Lower Upper
149 100	
167 27.3	19.7 29.5
279 5.1	3.4 5.2





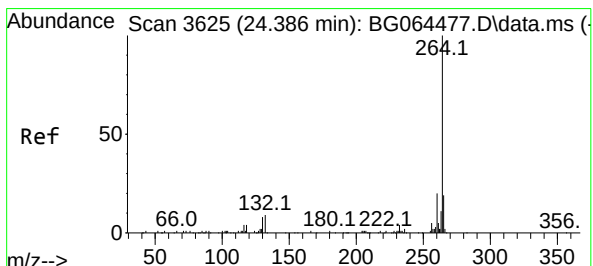
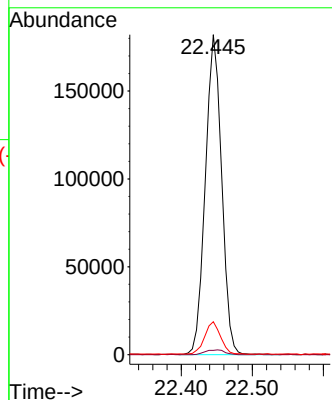
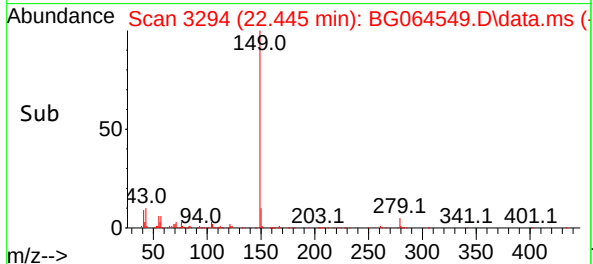
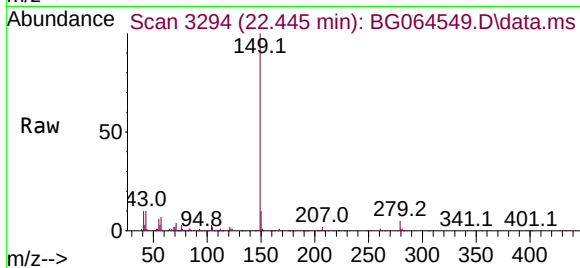
#85
Di-n-octyl phthalate
Concen: 45.976 ng
RT: 22.445 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

Tgt Ion:149 Resp: 288601
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.9 7.9 11.9

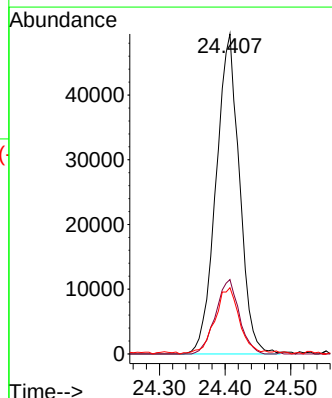
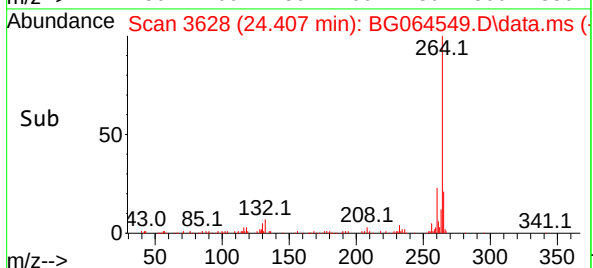
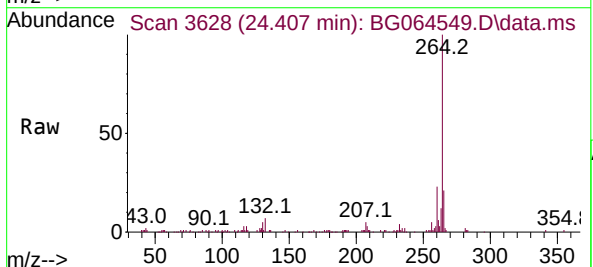
Manual Integrations
APPROVED

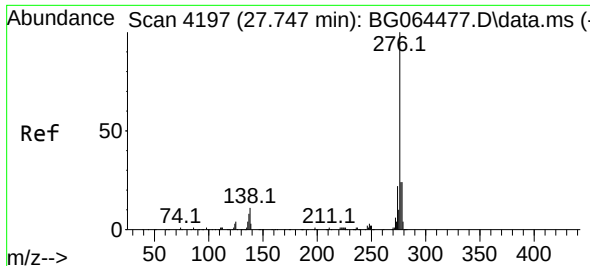
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.407 min Scan# 3628
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

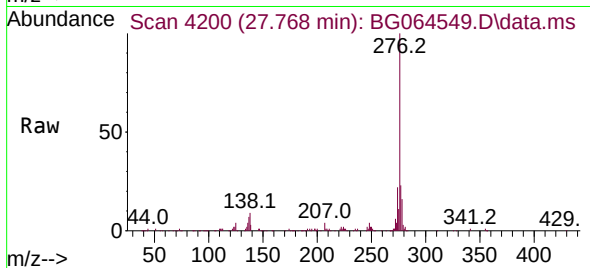
Tgt Ion:264 Resp: 122784
Ion Ratio Lower Upper
264 100
260 23.2 16.2 24.4
265 20.7 15.0 22.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.550 ng
RT: 27.768 min Scan# 4197
Delta R.T. 0.036 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

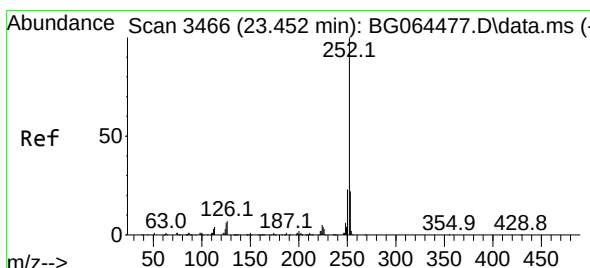
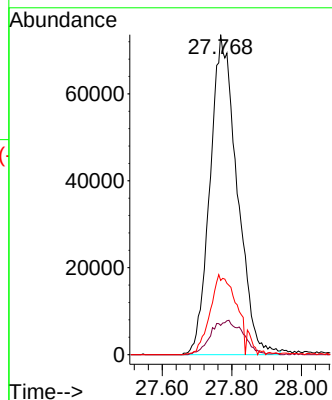
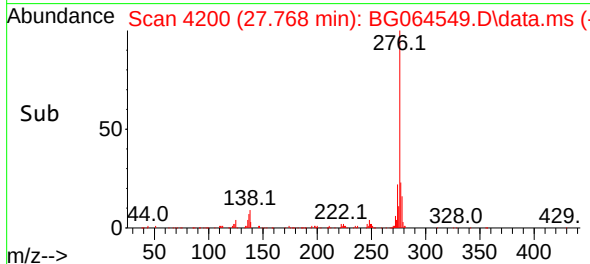
Instrument :
BNA_G
ClientSampleId :
PB170165BS



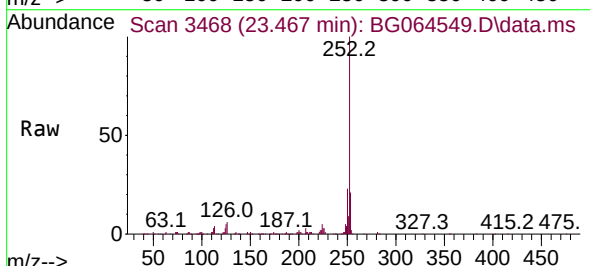
Tgt Ion:276 Resp: 397838
Ion Ratio Lower Upper
276 100
138 4.6 10.8 16.2
277 23.8 20.3 30.5

Manual Integrations
APPROVED

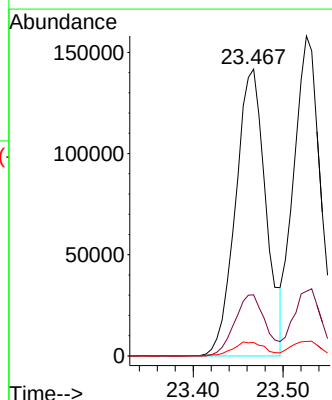
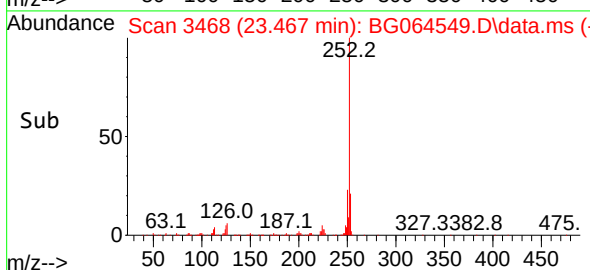
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

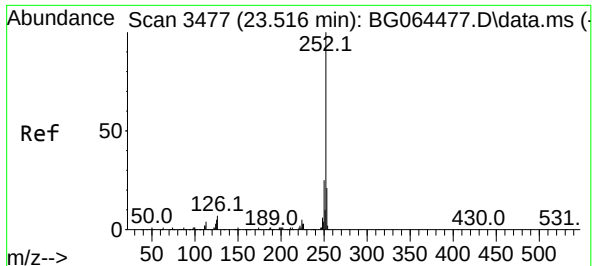


#88
Benzo(b)fluoranthene
Concen: 47.683 ng
RT: 23.467 min Scan# 3468
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:252 Resp: 333073
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 4.7 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 46.004 ng

RT: 23.526 min Scan# 3477

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

Tgt Ion:252 Resp: 32365

Ion Ratio Lower Upper

252 100

253 20.2 17.4 26.2

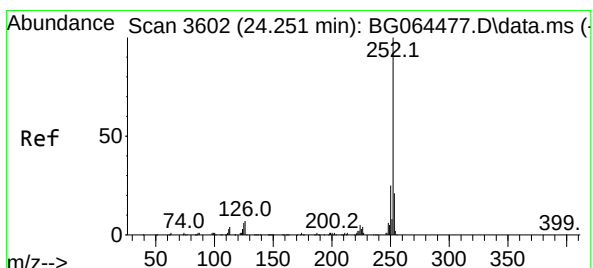
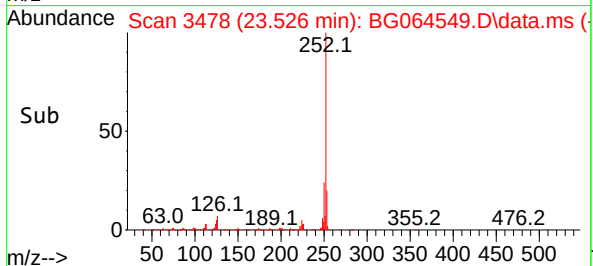
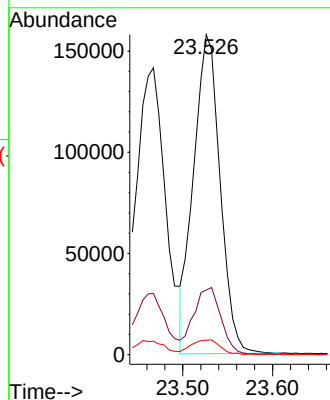
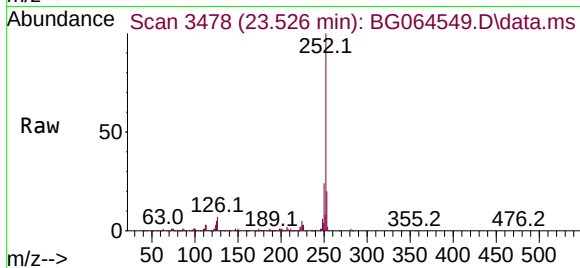
125 4.5 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#90

Benzo(a)pyrene

Concen: 49.130 ng

RT: 24.266 min Scan# 3604

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

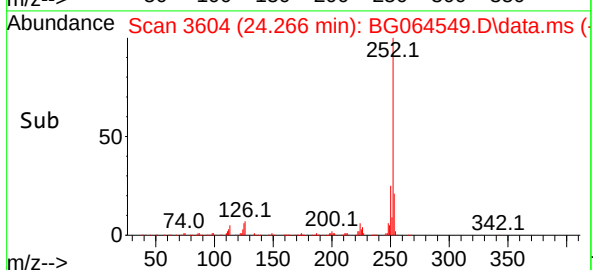
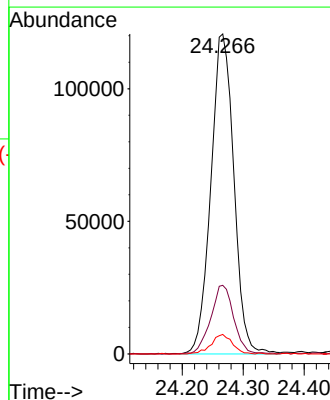
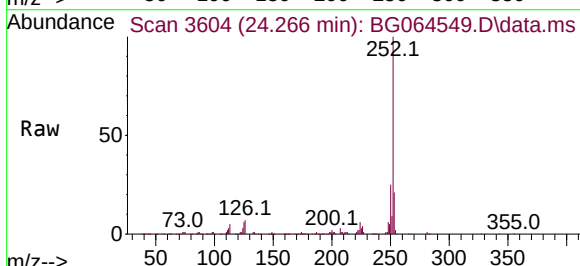
Tgt Ion:252 Resp: 316286

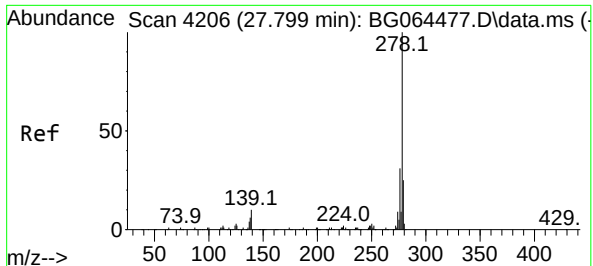
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

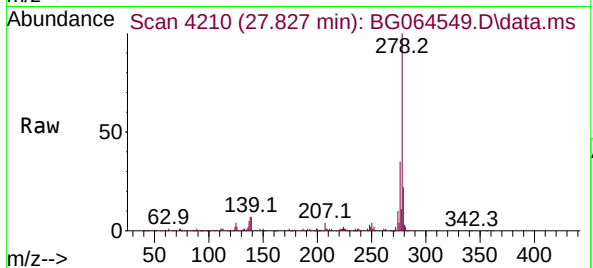
125 6.1 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 48.721 ng
RT: 27.827 min Scan# 4379
Delta R.T. 0.047 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

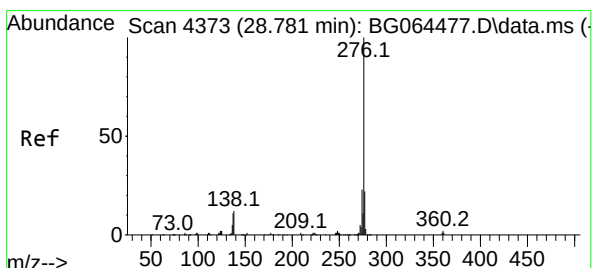
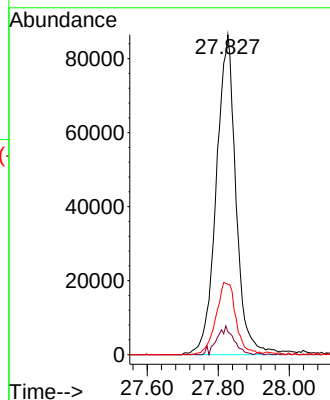
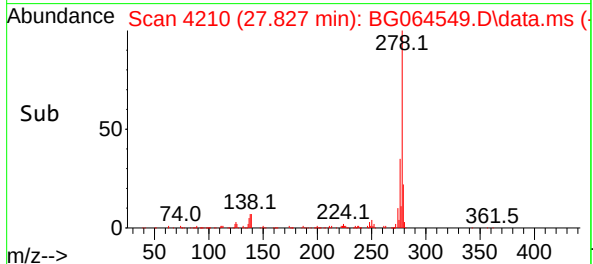
Instrument :
BNA_G
ClientSampleId :
PB170165BS



Tgt Ion:278 Resp: 332998
Ion Ratio Lower Upper
278 100
139 7.1 8.2 12.2
279 22.0 19.6 29.4

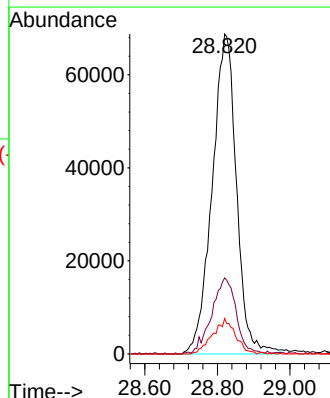
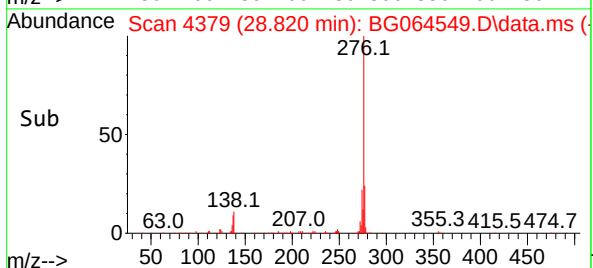
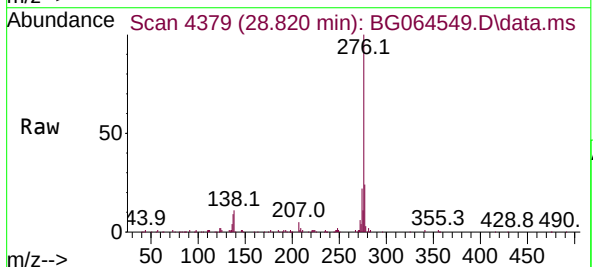
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 48.053 ng
RT: 28.820 min Scan# 4379
Delta R.T. 0.053 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:276 Resp: 319167
Ion Ratio Lower Upper
276 100
277 23.8 17.8 26.6
138 11.0 9.4 14.0



Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: VNJ-245MS
 Lab Sample ID: Q3381-03MS
 Analytical Method: 8270E Level : LOW
 Sample Wt/Vol: 50.07 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25
 Date Received: 10/17/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 81.6
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	650		1	110	240	ug/Kg	10/20/25 15:57	PB170165
108-95-2	Phenol	1100		1	16.2	120	ug/Kg	10/20/25 15:57	PB170165
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.8	120	ug/Kg	10/20/25 15:57	PB170165
95-57-8	2-Chlorophenol	1100		1	17.9	120	ug/Kg	10/20/25 15:57	PB170165
95-48-7	2-Methylphenol	1100		1	22.0	120	ug/Kg	10/20/25 15:57	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	27.5	120	ug/Kg	10/20/25 15:57	PB170165
98-86-2	Acetophenone	1200		1	21.7	120	ug/Kg	10/20/25 15:57	PB170165
65794-96-9	3+4-Methylphenols	1100		1	30.2	240	ug/Kg	10/20/25 15:57	PB170165
621-64-7	n-Nitroso-di-n-propylamine	1000		1	34.8	58.7	ug/Kg	10/20/25 15:57	PB170165
67-72-1	Hexachloroethane	1100		1	12.9	120	ug/Kg	10/20/25 15:57	PB170165
98-95-3	Nitrobenzene	1200		1	13.4	120	ug/Kg	10/20/25 15:57	PB170165
78-59-1	Isophorone	1100		1	24.1	120	ug/Kg	10/20/25 15:57	PB170165
88-75-5	2-Nitrophenol	1300		1	42.7	120	ug/Kg	10/20/25 15:57	PB170165
105-67-9	2,4-Dimethylphenol	1200		1	47.6	120	ug/Kg	10/20/25 15:57	PB170165
111-91-1	bis(2-Chloroethoxy)methane	1100		1	22.6	120	ug/Kg	10/20/25 15:57	PB170165
120-83-2	2,4-Dichlorophenol	1100		1	20.8	120	ug/Kg	10/20/25 15:57	PB170165
91-20-3	Naphthalene	1100		1	16.7	120	ug/Kg	10/20/25 15:57	PB170165
106-47-8	4-Chloroaniline	540		1	26.0	120	ug/Kg	10/20/25 15:57	PB170165
87-68-3	Hexachlorobutadiene	1100		1	18.6	120	ug/Kg	10/20/25 15:57	PB170165
105-60-2	Caprolactam	1100		1	38.3	240	ug/Kg	10/20/25 15:57	PB170165
59-50-7	4-Chloro-3-methylphenol	1100		1	21.1	120	ug/Kg	10/20/25 15:57	PB170165
91-57-6	2-Methylnaphthalene	1000		1	18.8	120	ug/Kg	10/20/25 15:57	PB170165
77-47-4	Hexachlorocyclopentadiene	2400	E	1	85.2	240	ug/Kg	10/20/25 15:57	PB170165
88-06-2	2,4,6-Trichlorophenol	1100		1	14.5	120	ug/Kg	10/20/25 15:57	PB170165
95-95-4	2,4,5-Trichlorophenol	1100		1	21.4	120	ug/Kg	10/20/25 15:57	PB170165
92-52-4	1,1-Biphenyl	1300		1	16.0	120	ug/Kg	10/20/25 15:57	PB170165
91-58-7	2-Chloronaphthalene	1100		1	16.5	120	ug/Kg	10/20/25 15:57	PB170165
88-74-4	2-Nitroaniline	1200		1	35.3	120	ug/Kg	10/20/25 15:57	PB170165
131-11-3	Dimethylphthalate	1100		1	19.9	120	ug/Kg	10/20/25 15:57	PB170165
208-96-8	Acenaphthylene	1300		1	21.2	120	ug/Kg	10/20/25 15:57	PB170165
606-20-2	2,6-Dinitrotoluene	1300		1	24.7	120	ug/Kg	10/20/25 15:57	PB170165
99-09-2	3-Nitroaniline	780		1	33.8	120	ug/Kg	10/20/25 15:57	PB170165
83-32-9	Acenaphthene	1100		1	15.6	120	ug/Kg	10/20/25 15:57	PB170165
51-28-5	2,4-Dinitrophenol	1400		1	170	240	ug/Kg	10/20/25 15:57	PB170165
100-02-7	4-Nitrophenol	2100	E	1	78.6	240	ug/Kg	10/20/25 15:57	PB170165
132-64-9	Dibenzofuran	1100		1	16.7	120	ug/Kg	10/20/25 15:57	PB170165
121-14-2	2,4-Dinitrotoluene	1300		1	36.8	120	ug/Kg	10/20/25 15:57	PB170165
84-66-2	Diethylphthalate	1100		1	20.8	120	ug/Kg	10/20/25 15:57	PB170165
7005-72-3	4-Chlorophenyl-phenylether	1100		1	19.6	120	ug/Kg	10/20/25 15:57	PB170165
86-73-7	Fluorene	1200		1	18.6	120	ug/Kg	10/20/25 15:57	PB170165
100-01-6	4-Nitroaniline	1100		1	47.1	120	ug/Kg	10/20/25 15:57	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	1100		1	75.6	240	ug/Kg	10/20/25 15:57	PB170165

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VNJ-245MS
Lab Sample ID: Q3381-03MS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 50.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 81.6
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1200	1	24.2		120	ug/Kg	10/20/25 15:57	PB170165
101-55-3	4-Bromophenyl-phenylether	1200	1	20.4		120	ug/Kg	10/20/25 15:57	PB170165
118-74-1	Hexachlorobenzene	1200	1	18.6		120	ug/Kg	10/20/25 15:57	PB170165
1912-24-9	Atrazine	1200	1	25.0		120	ug/Kg	10/20/25 15:57	PB170165
87-86-5	Pentachlorophenol	1900	1	37.7		240	ug/Kg	10/20/25 15:57	PB170165
85-01-8	Phenanthrene	1300	1	15.3		120	ug/Kg	10/20/25 15:57	PB170165
120-12-7	Anthracene	1200	1	24.5		120	ug/Kg	10/20/25 15:57	PB170165
86-74-8	Carbazole	1200	1	22.9		120	ug/Kg	10/20/25 15:57	PB170165
84-74-2	Di-n-butylphthalate	1200	1	35.2		120	ug/Kg	10/20/25 15:57	PB170165
206-44-0	Fluoranthene	1400	1	22.0		120	ug/Kg	10/20/25 15:57	PB170165
129-00-0	Pyrene	1200	1	26.4		120	ug/Kg	10/20/25 15:57	PB170165
85-68-7	Butylbenzylphthalate	1200	1	52.4		120	ug/Kg	10/20/25 15:57	PB170165
91-94-1	3,3-Dichlorobenzidine	820	1	26.9		240	ug/Kg	10/20/25 15:57	PB170165
56-55-3	Benzo(a)anthracene	1500	1	16.9		120	ug/Kg	10/20/25 15:57	PB170165
218-01-9	Chrysene	1400	1	14.6		120	ug/Kg	10/20/25 15:57	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	1300	1	43.5		120	ug/Kg	10/20/25 15:57	PB170165
117-84-0	Di-n-octyl phthalate	1500	1	63.7		240	ug/Kg	10/20/25 15:57	PB170165
205-99-2	Benzo(b)fluoranthene	1400	1	14.0		120	ug/Kg	10/20/25 15:57	PB170165
207-08-9	Benzo(k)fluoranthene	1100	1	16.4		120	ug/Kg	10/20/25 15:57	PB170165
50-32-8	Benzo(a)pyrene	1400	1	21.7		120	ug/Kg	10/20/25 15:57	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	1300	1	21.4		120	ug/Kg	10/20/25 15:57	PB170165
53-70-3	Dibenzo(a,h)anthracene	1200	1	20.1		120	ug/Kg	10/20/25 15:57	PB170165
191-24-2	Benzo(g,h,i)perylene	1300	1	18.9		120	ug/Kg	10/20/25 15:57	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	1	18.8		120	ug/Kg	10/20/25 15:57	PB170165
123-91-1	1,4-Dioxane	1100	1	33.2		120	ug/Kg	10/20/25 15:57	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	1100	1	20.1		120	ug/Kg	10/20/25 15:57	PB170165

SURROGATES

367-12-4	2-Fluorophenol	67.4		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	68.3		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.1		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	32.4		20 - 109	32%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.5		10 - 116	40%	SPK: 150
1718-51-0	Terphenyl-d14	35.4		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	103000
1146-65-2	Naphthalene-d8	382000
15067-26-2	Acenaphthene-d10	201000
1517-22-2	Phenanthrene-d10	318000
1719-03-5	Chrysene-d12	224000
1520-96-3	Perylene-d12	295000

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MS	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.6
Sample Wt/Vol:	50.07 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF144000.D
 Acq On : 20 Oct 2025 15:57
 Operator : RC/JU
 Sample : Q3381-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-245MS

Quant Time: Oct 20 16:33:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	103333	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	382013	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	200713	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	318387	20.000	ng	0.00
76) Chrysene-d12	14.063	240	223763	20.000	ng	0.00
86) Perylene-d12	15.545	264	294781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	438595	67.402	ng	0.00
7) Phenol-d6	6.504	99	529928	68.323	ng	-0.01
23) Nitrobenzene-d5	7.440	82	289756	46.082	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	118959	59.505	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	409869	32.402	ng	-0.01
79) Terphenyl-d14	12.998	244	462900	35.356	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	132798	44.102	ng	96
3) Pyridine	3.463	79	368348	42.020	ng	99
4) n-Nitrosodimethylamine	3.410	42	209201	45.366	ng	94
6) Aniline	6.545	93	368544	31.709	ng	99
8) 2-Chlorophenol	6.663	128	287133	45.142	ng	99
9) Benzaldehyde	6.434	77	158290	26.456	ng	99
10) Phenol	6.522	94	428684	46.230	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	318744	44.498	ng	99
12) 1,3-Dichlorobenzene	6.822	146	343788	45.152	ng	99
13) 1,4-Dichlorobenzene	6.898	146	342288	45.575	ng	100
14) 1,2-Dichlorobenzene	7.051	146	334132	46.447	ng	99
15) Benzyl Alcohol	7.022	79	272640	46.914	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	731362	44.856	ng	100
17) 2-Methylphenol	7.128	107	239106	45.486	ng	97
18) Hexachloroethane	7.392	117	110667	44.183	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	217753	41.015	ng	99
20) 3+4-Methylphenols	7.281	107	267179	43.854	ng	# 84
22) Acetophenone	7.287	105	403608	49.968	ng	96
24) Nitrobenzene	7.463	77	340069	48.702	ng	97
25) Isophorone	7.698	82	600118	45.264	ng	99
26) 2-Nitrophenol	7.781	139	159448	53.262	ng	96
27) 2,4-Dimethylphenol	7.810	122	272349	50.573	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	387810	46.306	ng	99
29) 2,4-Dichlorophenol	8.022	162	259499	46.261	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	269947	48.932	ng	98
31) Naphthalene	8.187	128	796848	45.855	ng	100
32) Benzoic acid	7.928	122	161816	43.417	ng	97
33) 4-Chloroaniline	8.234	127	142681	21.892	ng	99
34) Hexachlorobutadiene	8.304	225	170350	44.436	ng	96
35) Caprolactam	8.598	113	81445	45.664	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	246157	45.684	ng	100
37) 2-Methylnaphthalene	8.875	142	489487	42.286	ng	98
38) 1-Methylnaphthalene	8.975	142	488367	43.496	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	284451	51.276	ng	98
41) Hexachlorocyclopentadiene	9.028	237	226930	98.605	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	190058	46.890	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF144000.D
 Acq On : 20 Oct 2025 15:57
 Operator : RC/JU
 Sample : Q3381-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-245MS

Quant Time: Oct 20 16:33:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

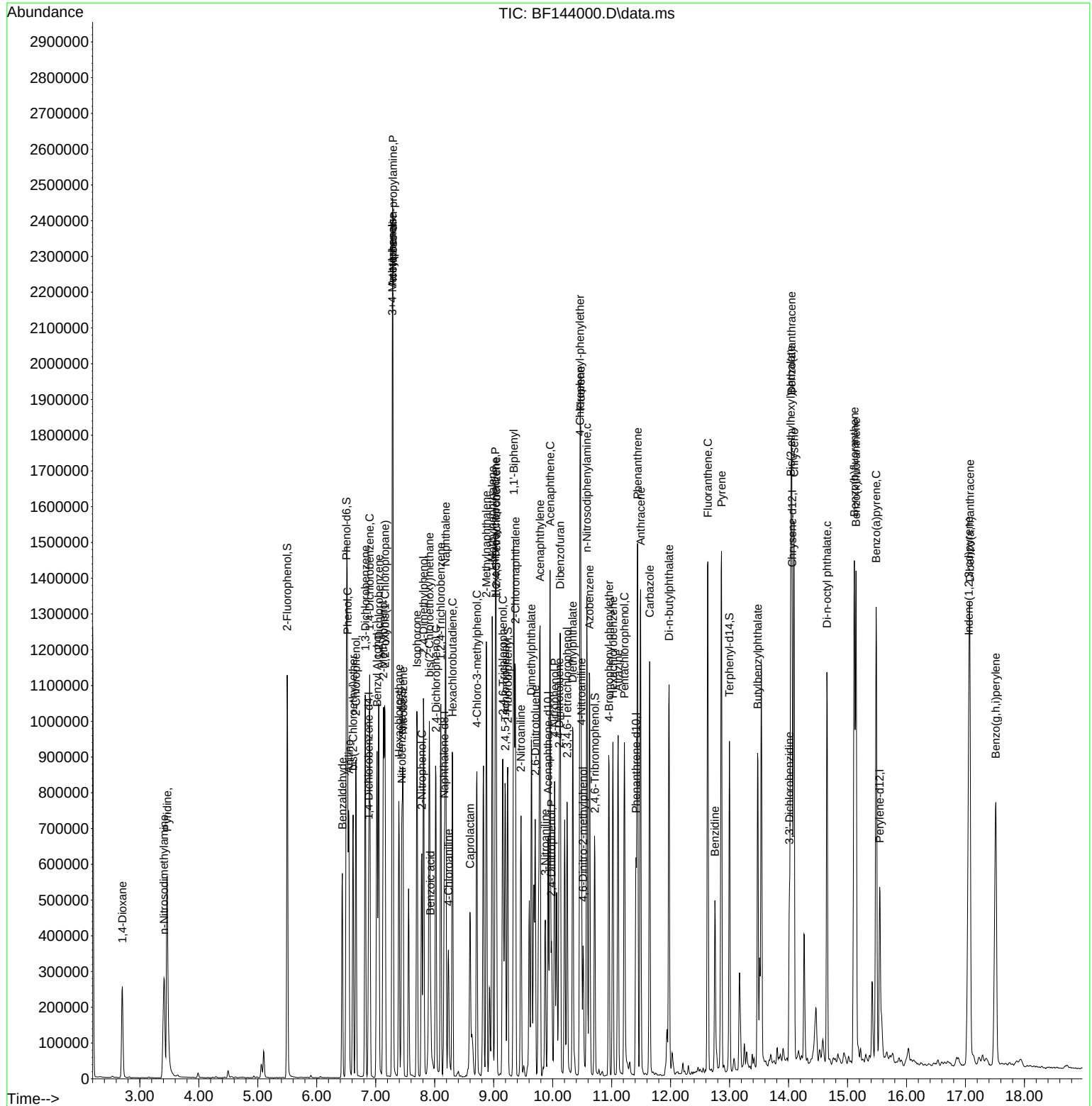
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44) 2,4,5-Trichlorophenol	9.198	196	200259	46.753	ng	99
46) 1,1'-Biphenyl	9.339	154	678896	51.087	ng	99
47) 2-Chloronaphthalene	9.369	162	512730	46.276	ng	97
48) 2-Nitroaniline	9.463	65	175824	50.193	ng	95
49) Acenaphthylene	9.786	152	809376	51.961	ng	100
50) Dimethylphthalate	9.639	163	597488	46.876	ng	100
51) 2,6-Dinitrotoluene	9.704	165	127854	54.095	ng	96
52) Acenaphthene	9.957	154	478527	46.884	ng	99
53) 3-Nitroaniline	9.875	138	92302	31.894	ng	99
54) 2,4-Dinitrophenol	9.981	184	81830	58.200	ng	92
55) Dibenzofuran	10.128	168	675911	46.912	ng	98
56) 4-Nitrophenol	10.033	139	186388	85.060	ng	97
57) 2,4-Dinitrotoluene	10.110	165	170165	52.914	ng	99
58) Fluorene	10.475	166	516441	47.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	141238	46.581	ng	98
60) Diethylphthalate	10.339	149	543627	45.909	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	257179	44.744	ng	97
62) 4-Nitroaniline	10.486	138	127786	45.917	ng	95
63) Azobenzene	10.622	77	606952	49.044	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	73561	45.976	ng	99
66) n-Nitrosodiphenylamine	10.581	169	501852	50.200	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	168517	47.892	ng	97
68) Hexachlorobenzene	11.022	284	195558	48.006	ng	99
69) Atrazine	11.110	200	152836	50.440	ng	98
70) Pentachlorophenol	11.216	266	184749	78.967	ng	98
71) Phenanthrene	11.439	178	818952	53.056	ng	99
72) Anthracene	11.492	178	795285	51.001	ng	99
73) Carbazole	11.645	167	673083	48.737	ng	99
74) Di-n-butylphthalate	11.975	149	786167	49.117	ng	99
75) Fluoranthene	12.633	202	892868	56.001	ng	98
77) Benzidine	12.751	184	292169	37.604	ng	99
78) Pyrene	12.863	202	897135	48.091	ng	99
80) Butylbenzylphthalate	13.474	149	297998	49.187	ng	99
81) Benzo(a)anthracene	14.051	228	876380	59.849	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	148913	33.370	ng	98
83) Chrysene	14.092	228	762919	56.293	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	388279	53.166	ng	100
85) Di-n-octyl phthalate	14.651	149	721877	60.181	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.057	276	942417	52.175	ng	99
88) Benzo(b)fluoranthene	15.116	252	963893	56.923	ng	99
89) Benzo(k)fluoranthene	15.145	252	694255	44.309	ng	99
90) Benzo(a)pyrene	15.486	252	854925	58.227	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	729261	50.200	ng	98
92) Benzo(g,h,i)perylene	17.515	276	756650	52.085	ng	98

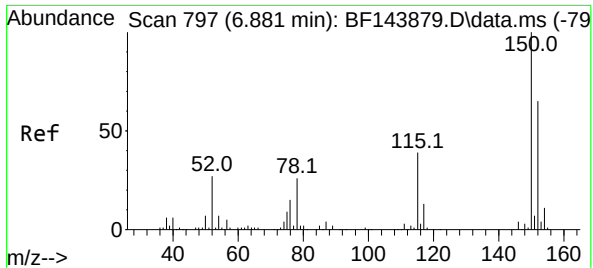
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 20 Oct 2025  15:57  
Operator  : RC/JU  
Sample    : Q3381-03MS  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Quant Time: Oct 20 16:33:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

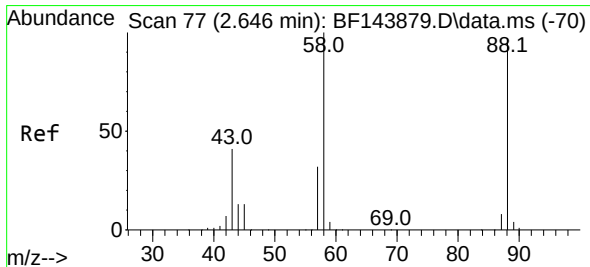
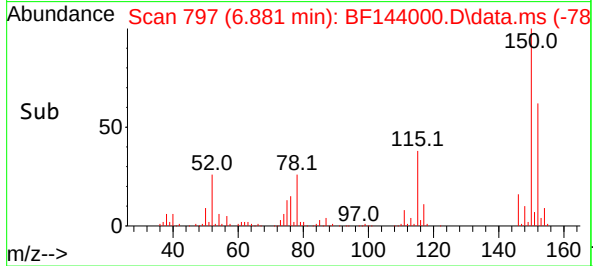
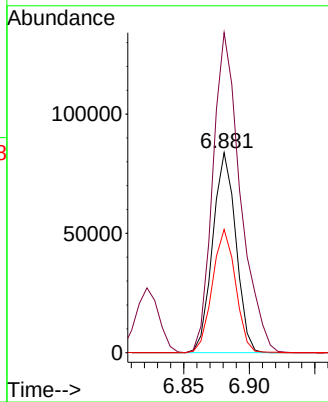
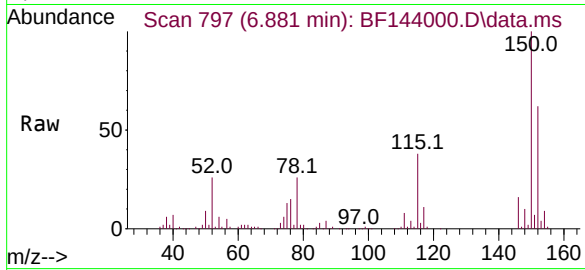




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

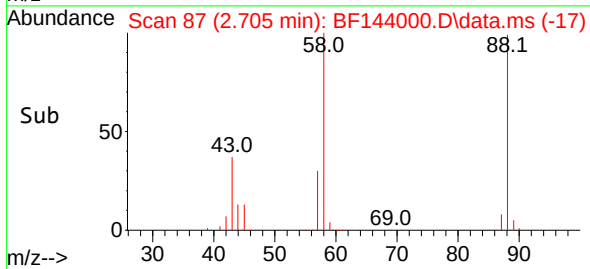
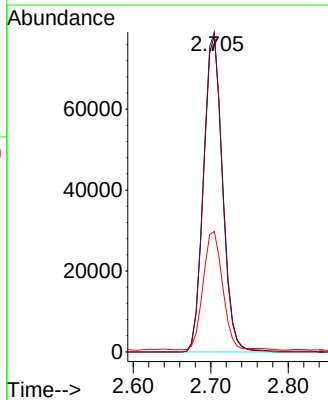
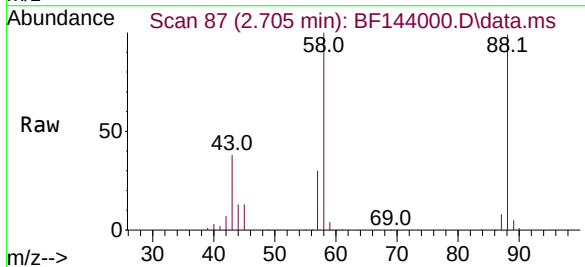
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BNA_F
ClientSampleId :
VNJ-245MS

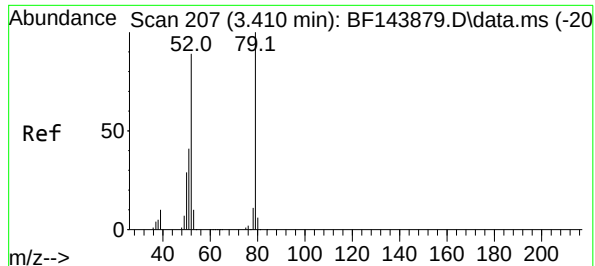
Tgt Ion:152 Resp: 103333
Ion Ratio Lower Upper
152 100
150 160.0 124.4 186.6
115 61.6 48.1 72.1



#2
1,4-Dioxane
Concen: 44.102 ng
RT: 2.705 min Scan# 87
Delta R.T. 0.059 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 88 Resp: 132798
Ion Ratio Lower Upper
88 100
58 100.7 83.0 124.6
43 38.3 33.9 50.9

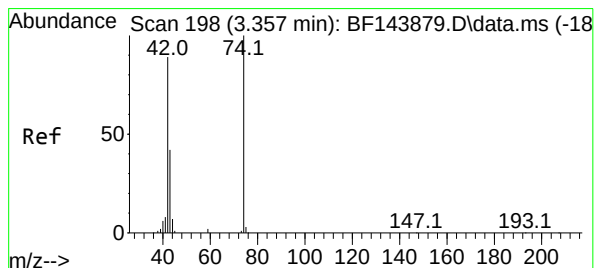
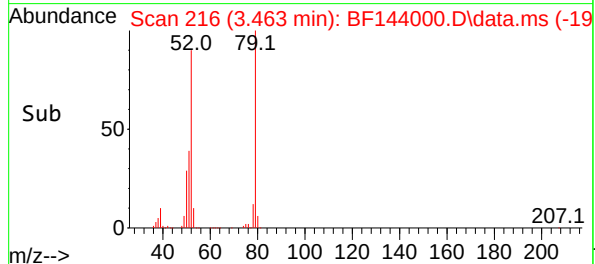
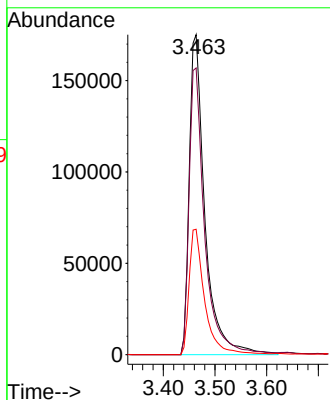
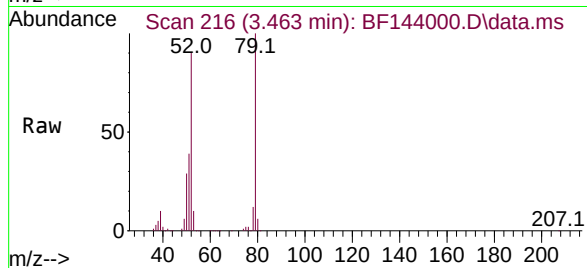




#3
Pyridine
Concen: 42.020 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

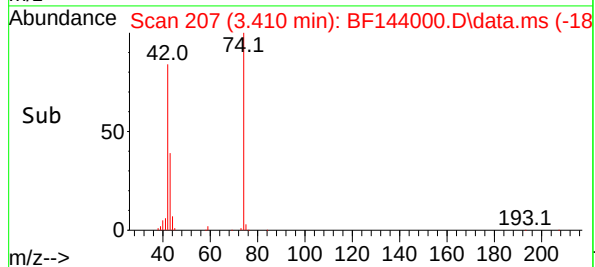
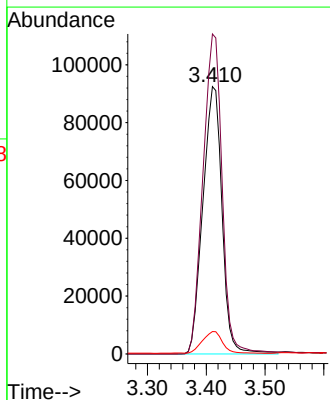
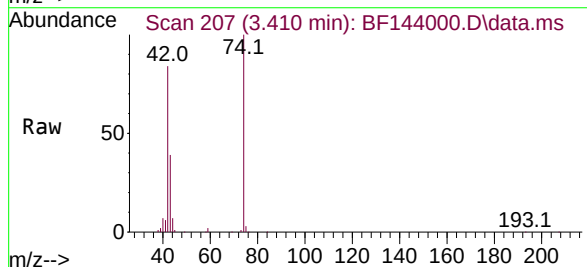
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BNA_F
ClientSampleId :
VNJ-245MS

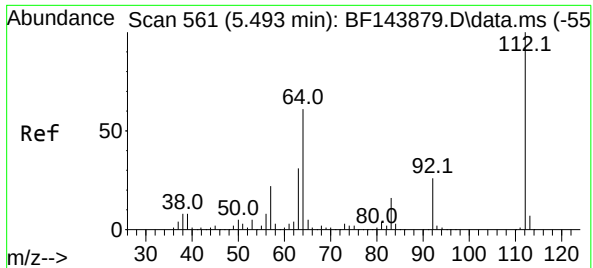
Tgt Ion: 79 Resp: 368348
Ion Ratio Lower Upper
79 100
52 89.6 71.5 107.3
51 39.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 45.366 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.024 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 42 Resp: 209201
Ion Ratio Lower Upper
42 100
74 119.7 90.0 135.0
44 8.3 6.2 9.2

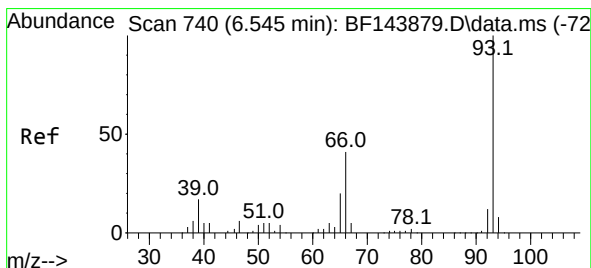
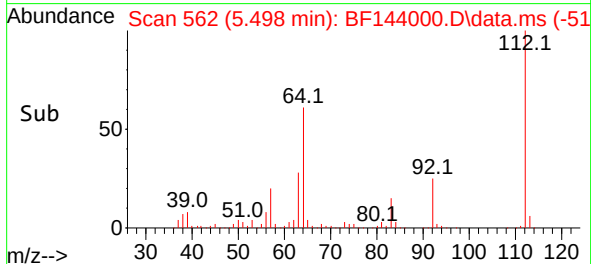
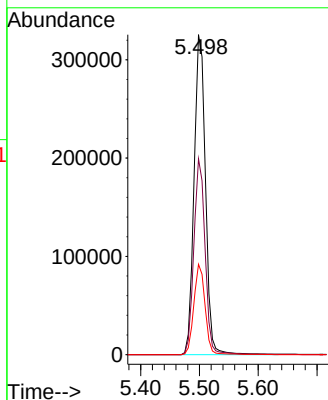
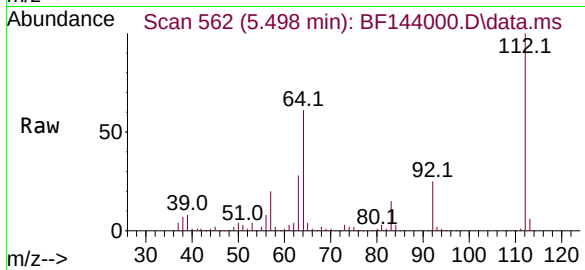




#5
2-Fluorophenol
Concen: 67.402 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

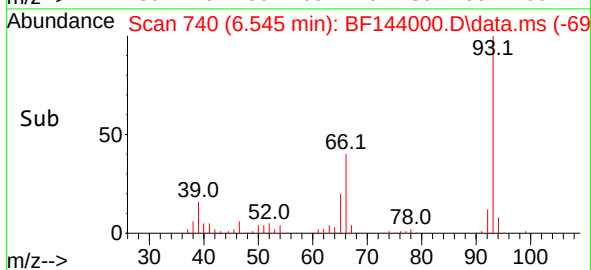
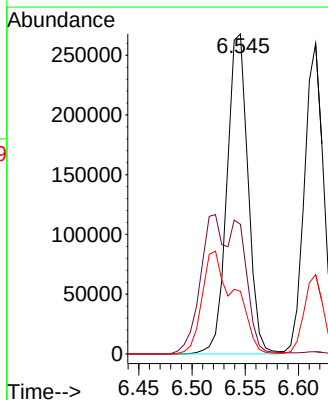
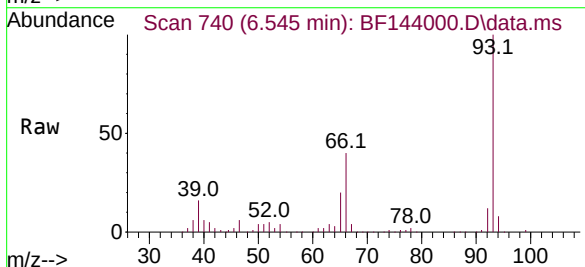
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

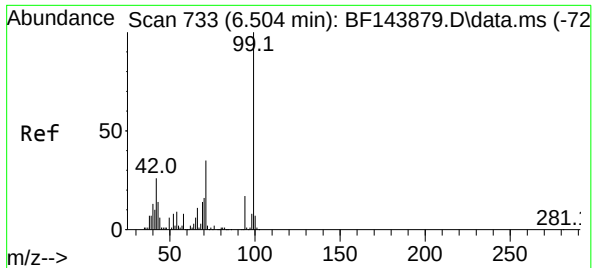
Tgt Ion:112 Resp: 438595
Ion Ratio Lower Upper
112 100
64 61.2 49.1 73.7
63 28.2 24.5 36.7



#6
Aniline
Concen: 31.709 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 93 Resp: 368544
Ion Ratio Lower Upper
93 100
66 40.5 33.0 49.6
65 19.5 15.8 23.8

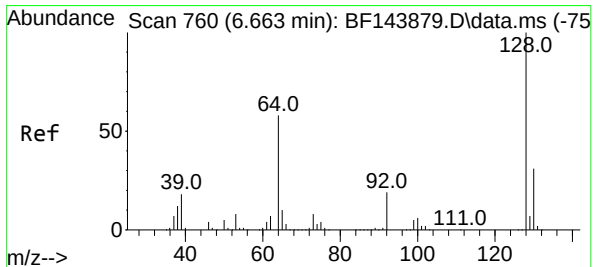
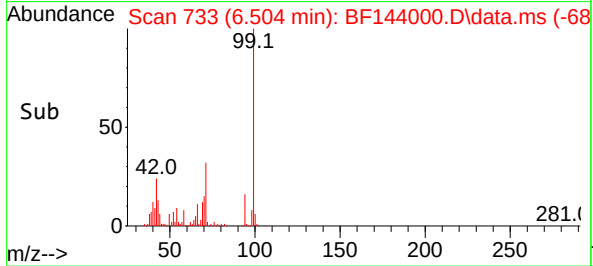
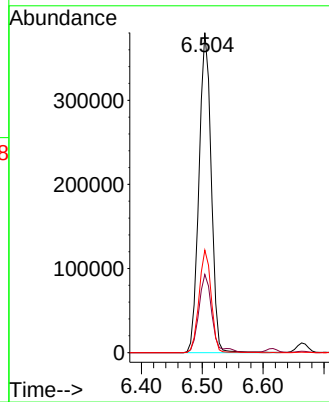
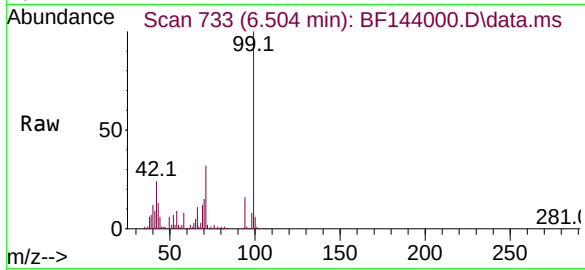




#7
Phenol-d6
Concen: 68.323 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

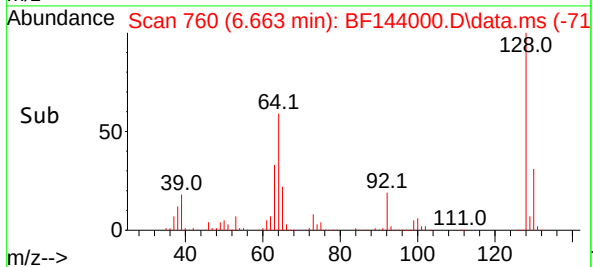
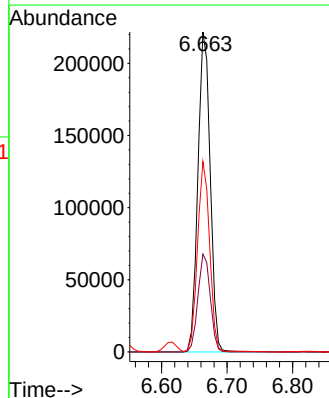
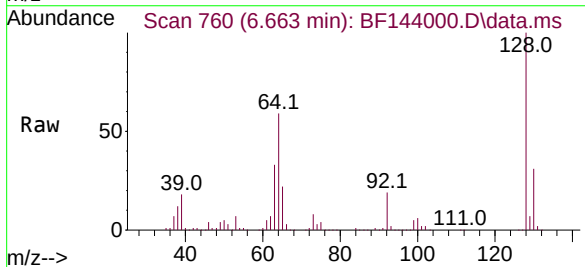
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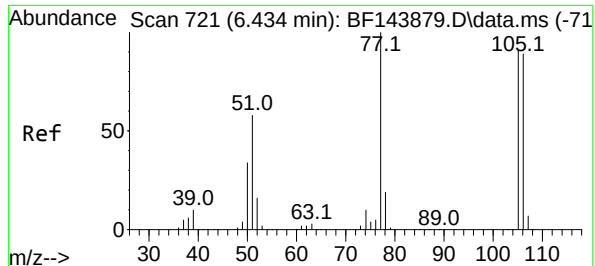
Tgt Ion:	99	Resp:	529928
Ion	Ratio	Lower	Upper
99	100		
42	24.4	21.0	31.4
71	32.0	27.8	41.8



#8
2-Chlorophenol
Concen: 45.142 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:	128	Resp:	287133
Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	59.5	39.0	79.0

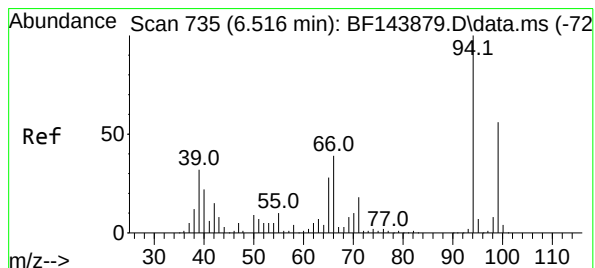
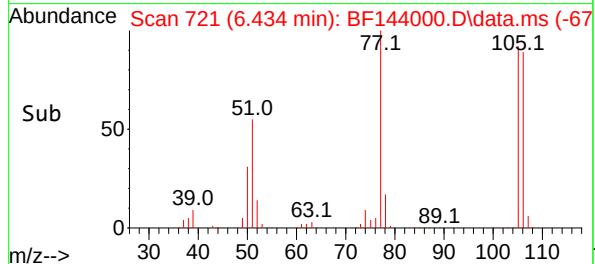
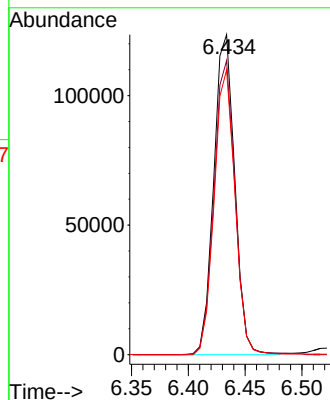
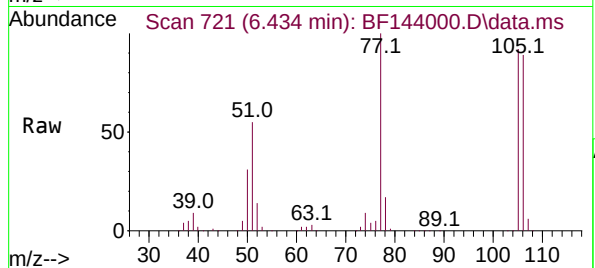




#9
Benzaldehyde
Concen: 26.456 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

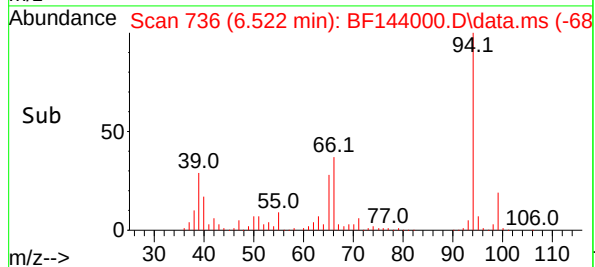
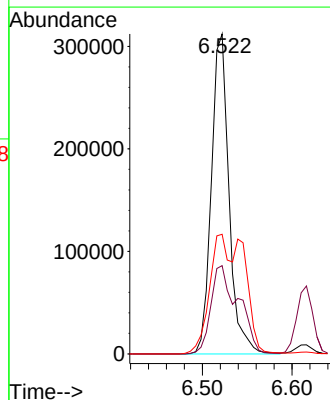
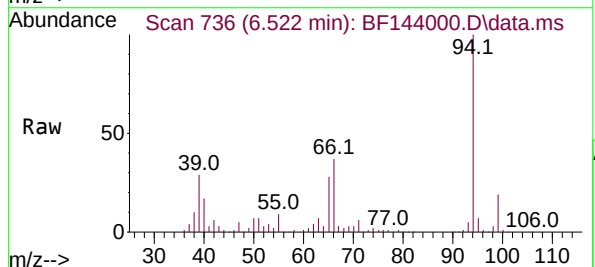
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ClientSampleId :
VNJ-245MS

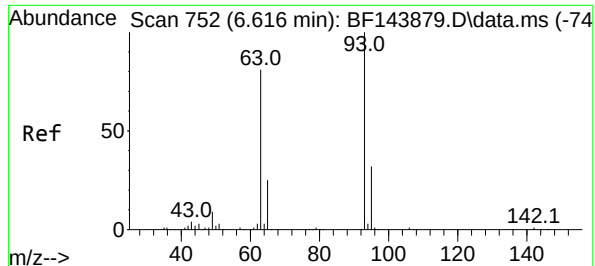
Tgt Ion: 77 Resp: 158290
Ion Ratio Lower Upper
77 100
105 91.9 70.9 110.9
106 89.0 68.9 108.9



#10
Phenol
Concen: 46.230 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 94 Resp: 428684
Ion Ratio Lower Upper
94 100
65 27.6 8.5 48.5
66 37.4 19.9 59.9

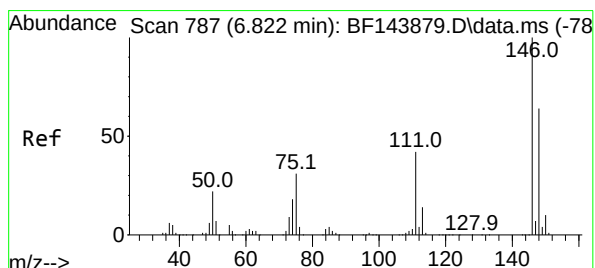
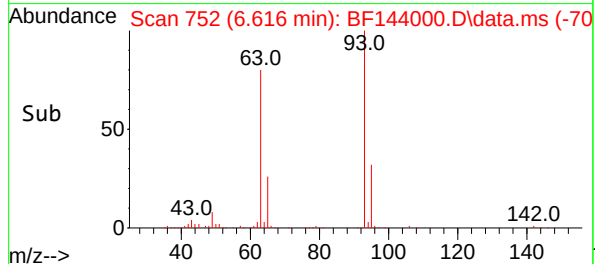
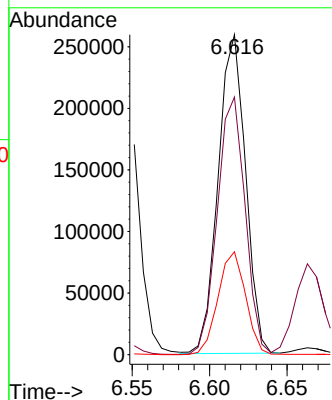
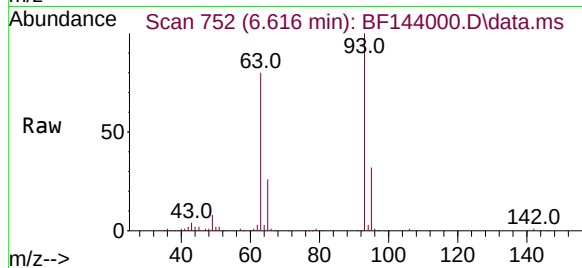




#11
 bis(2-Chloroethyl)ether
 Concen: 44.498 ng
 RT: 6.616 min Scan# 752
 Delta R.T. -0.012 min
 Lab File: BF144000.D
 Acq: 20 Oct 2025 15:57

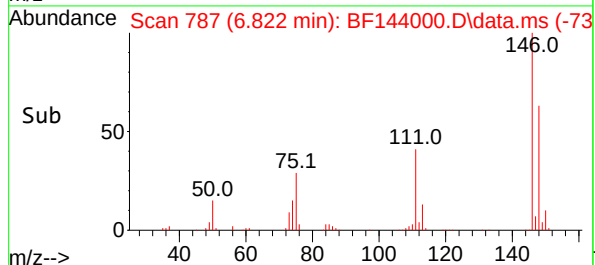
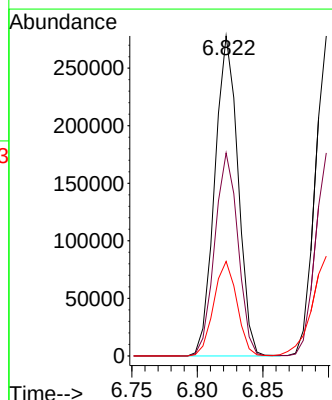
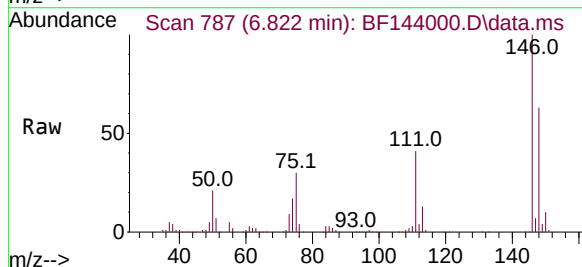
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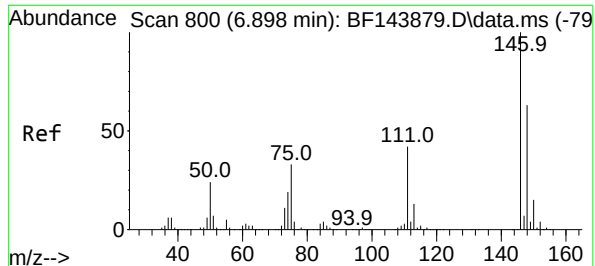
Tgt Ion: 93	Resp: 318744
Ion Ratio	Lower Upper
93 100	
63 80.5	60.9 100.9
95 32.1	11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 45.152 ng
 RT: 6.822 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: BF144000.D
 Acq: 20 Oct 2025 15:57

Tgt Ion:146	Resp: 343788		
Ion Ratio	Lower	Upper	
146 100			
148 63.4	51.0	76.4	
75 29.5	24.9	37.3	





#13

1,4-Dichlorobenzene

Concen: 45.575 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

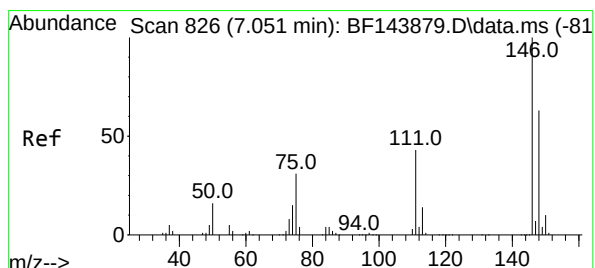
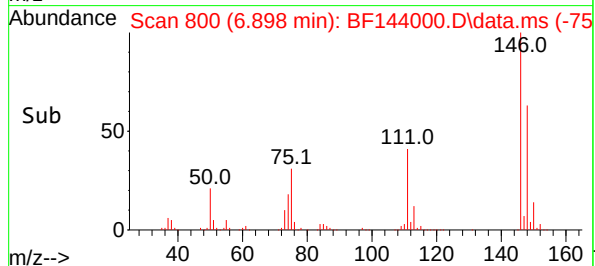
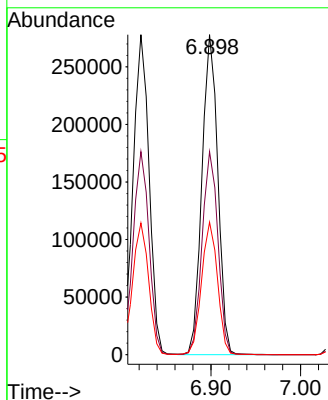
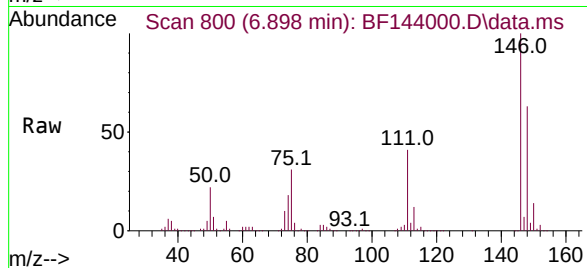
Tgt Ion:146 Resp: 342288

Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 41.4 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.447 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

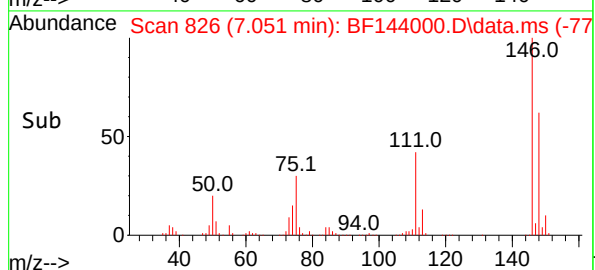
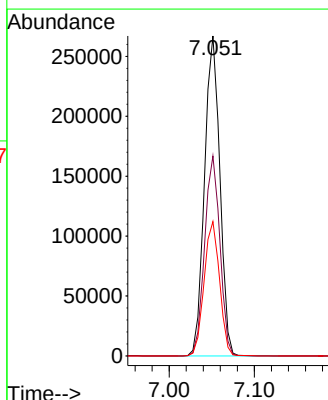
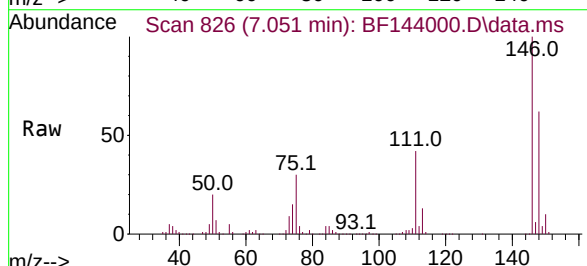
Tgt Ion:146 Resp: 334132

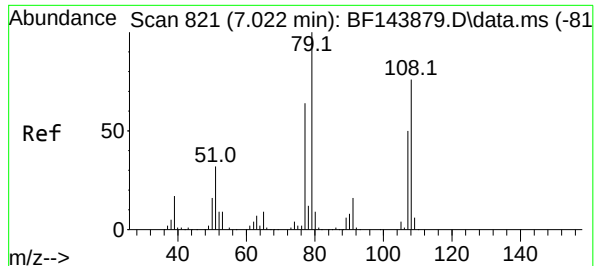
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 46.914 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

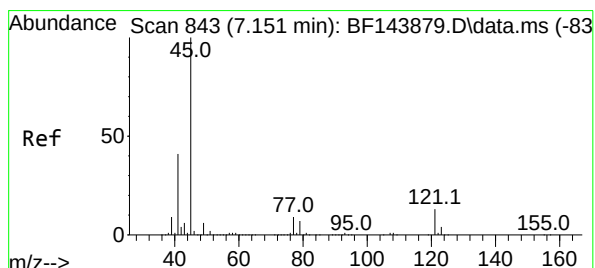
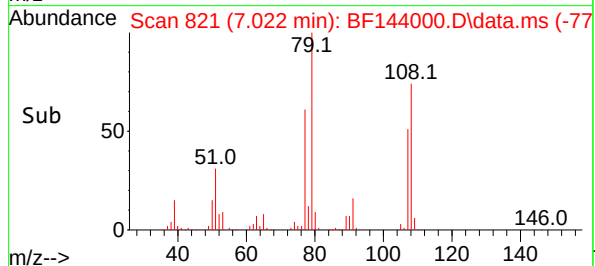
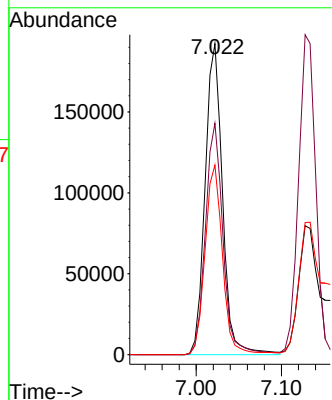
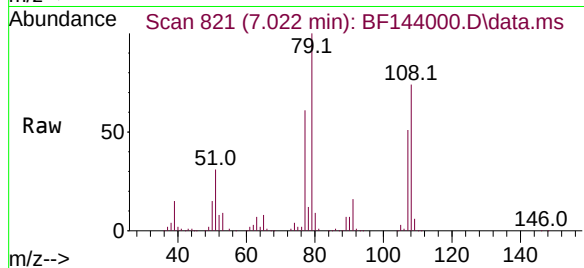
Tgt Ion: 79 Resp: 272640

Ion Ratio Lower Upper

79 100

108 74.4 60.8 91.2

77 60.9 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.856 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

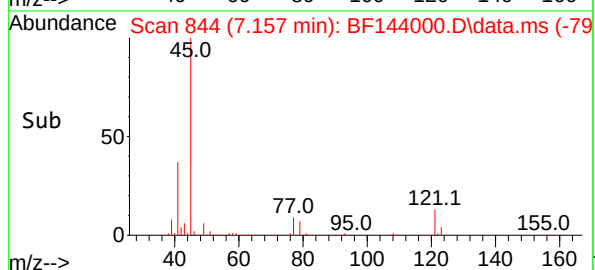
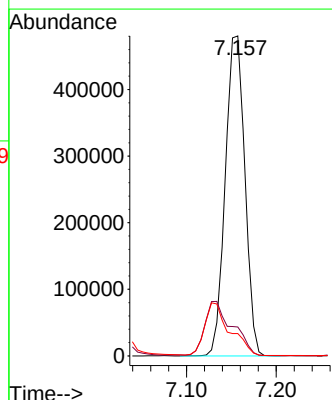
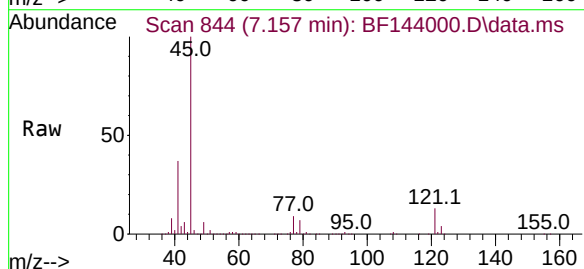
Tgt Ion: 45 Resp: 731362

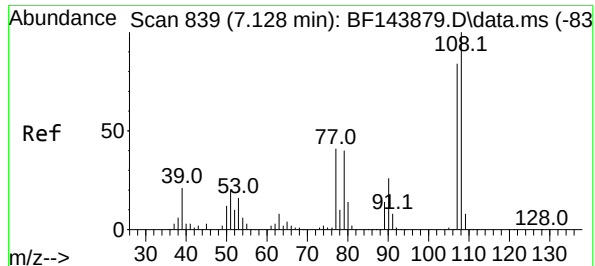
Ion Ratio Lower Upper

45 100

77 9.0 0.0 29.0

79 7.0 0.0 26.8

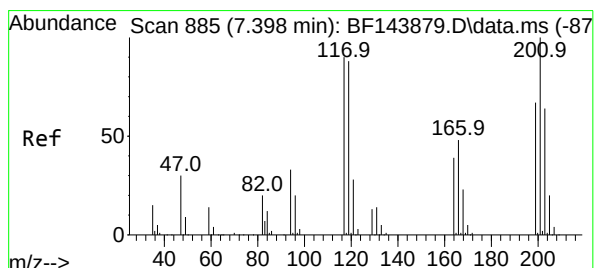
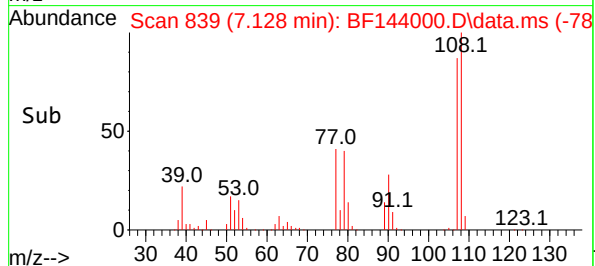
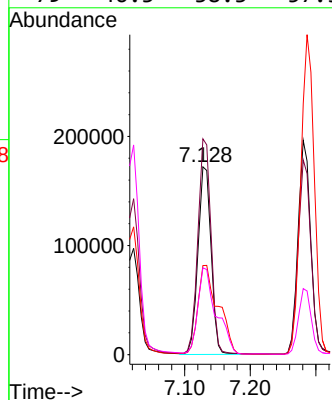
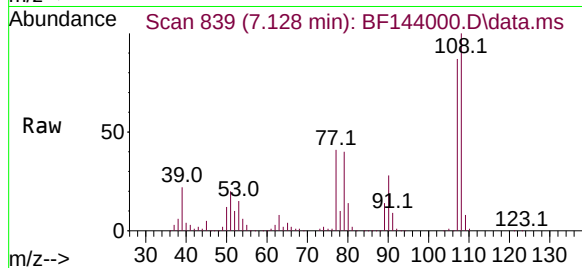




#17
2-Methylphenol
Concen: 45.486 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

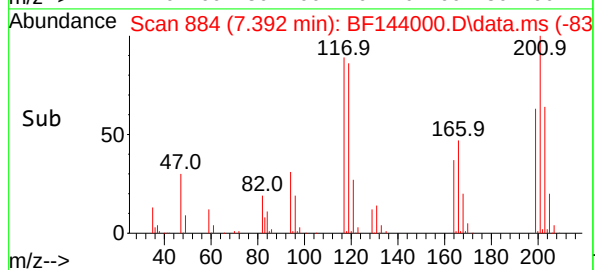
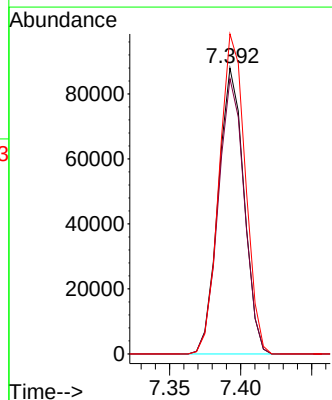
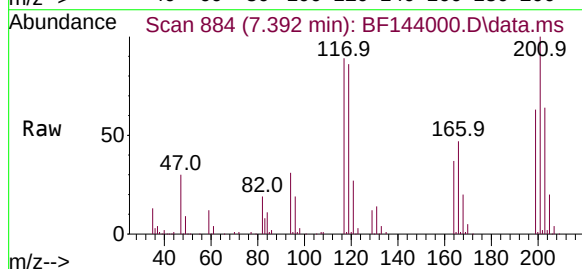
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

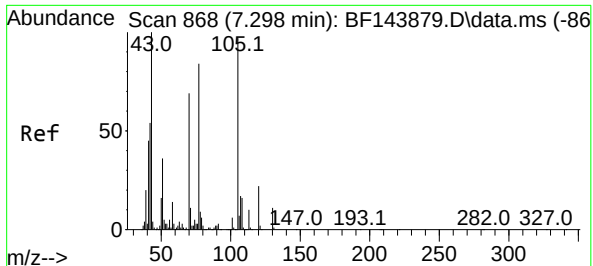
Tgt Ion:	107	Resp:	239106
Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.7	142.1
77	47.4	38.8	58.2
79	46.3	38.3	57.5



#18
Hexachloroethane
Concen: 44.183 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:	117	Resp:	110667
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	111.9	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.015 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

Tgt Ion: 70 Resp: 217753

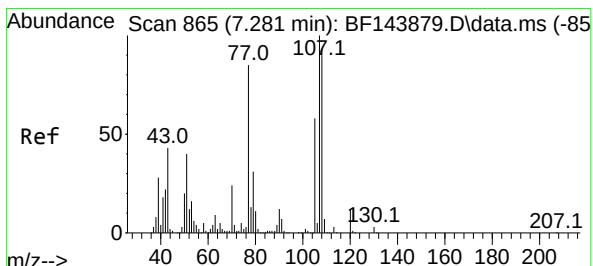
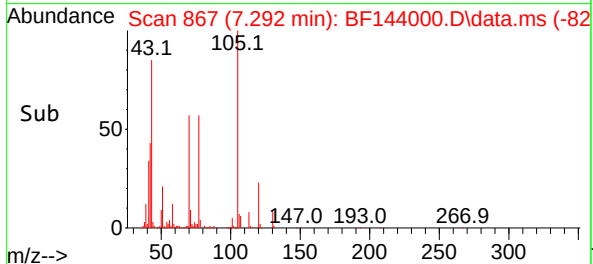
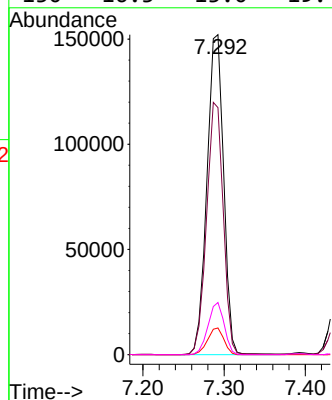
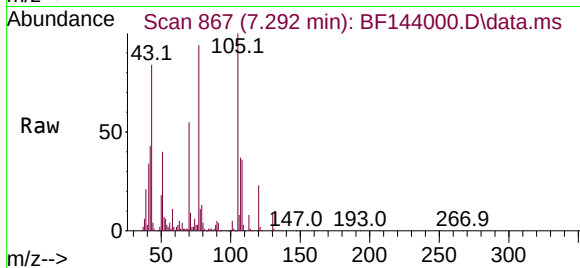
Ion Ratio Lower Upper

70 100

42 77.2 62.8 94.2

101 8.3 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.854 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion: 107 Resp: 267179

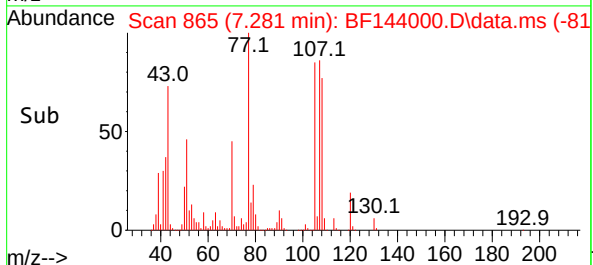
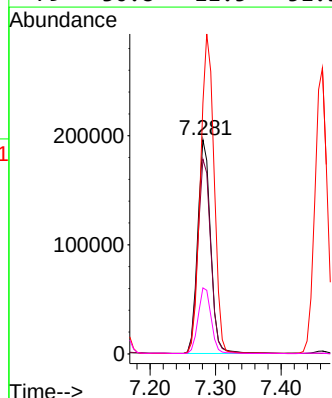
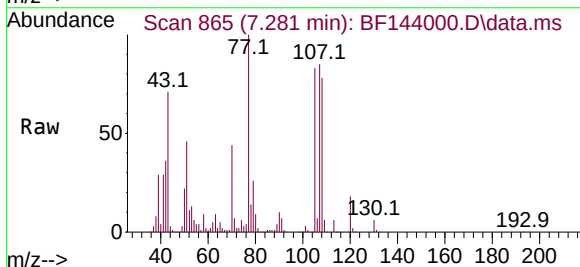
Ion Ratio Lower Upper

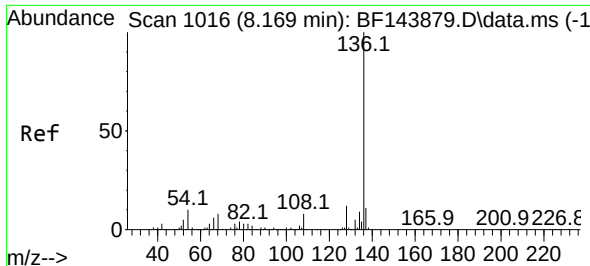
107 100

108 90.9 73.0 113.0

77 117.1 64.6 104.6#

79 30.8 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

Tgt Ion:136 Resp: 382013

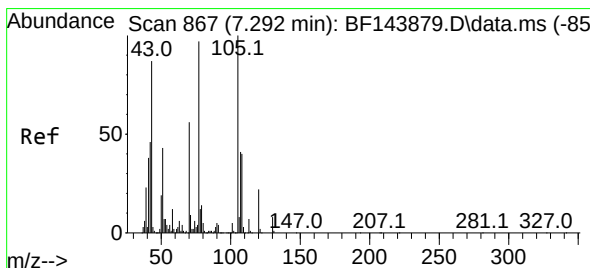
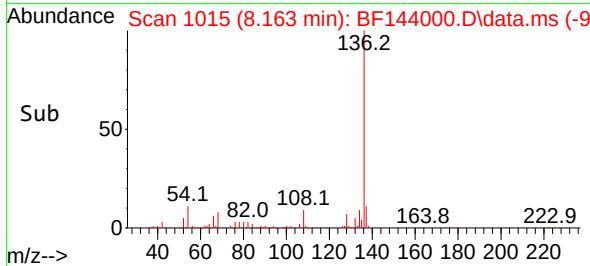
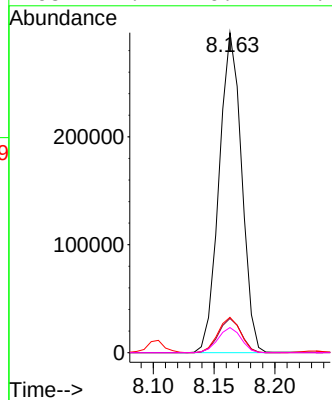
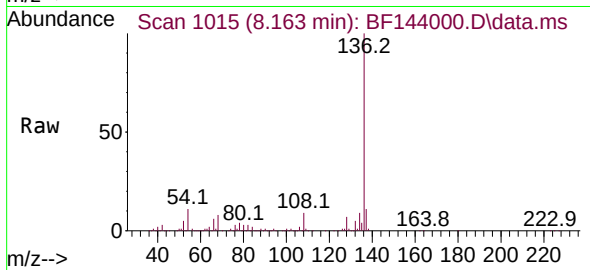
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.0 8.2 12.4

68 7.9 6.2 9.4



#22

Acetophenone

Concen: 49.968 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.017 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion:105 Resp: 403608

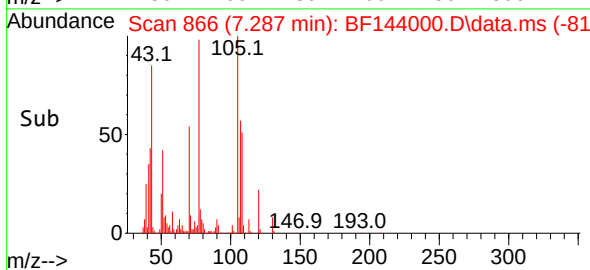
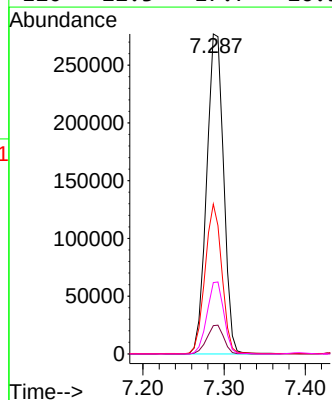
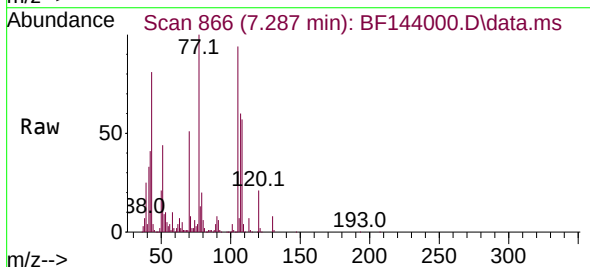
Ion Ratio Lower Upper

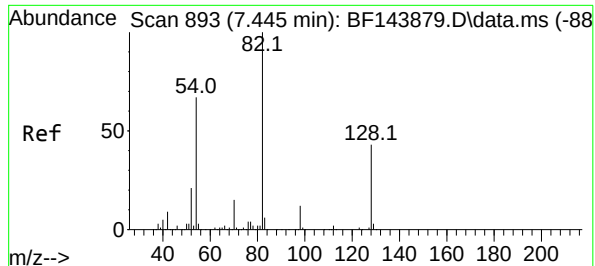
105 100

71 8.8 7.4 11.0

51 46.8 34.2 51.4

120 22.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 46.082 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

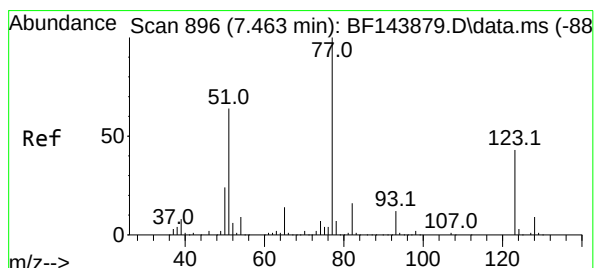
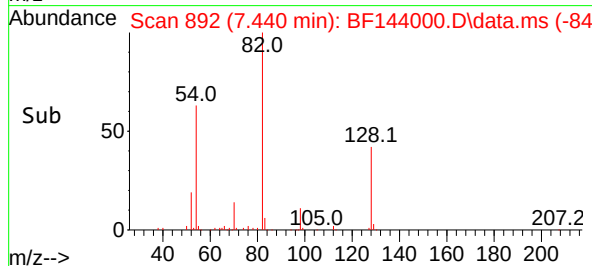
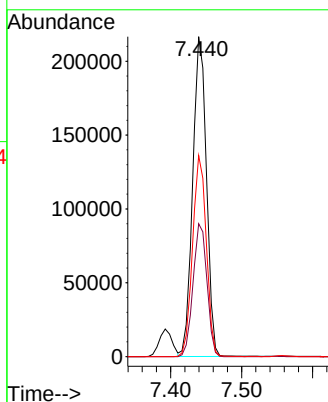
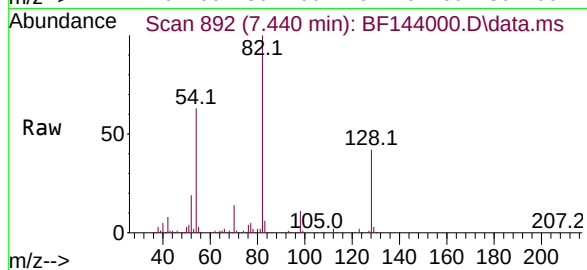
Tgt Ion: 82 Resp: 289756

Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

54 62.8 53.2 79.8



#24

Nitrobenzene

Concen: 48.702 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

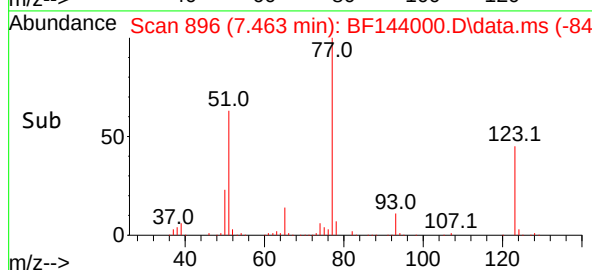
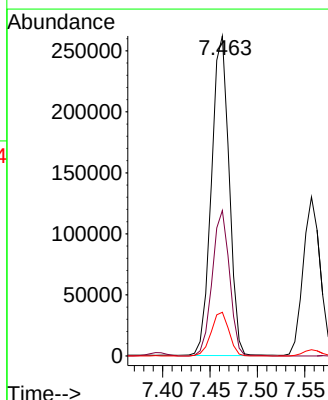
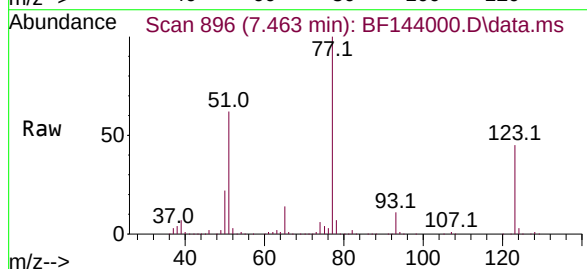
Tgt Ion: 77 Resp: 340069

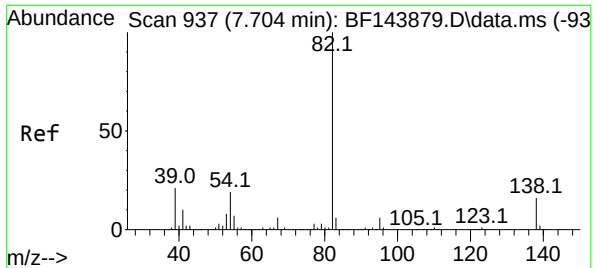
Ion Ratio Lower Upper

77 100

123 45.4 34.2 51.4

65 13.6 11.0 16.6

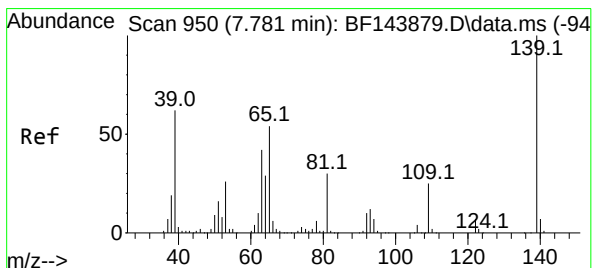
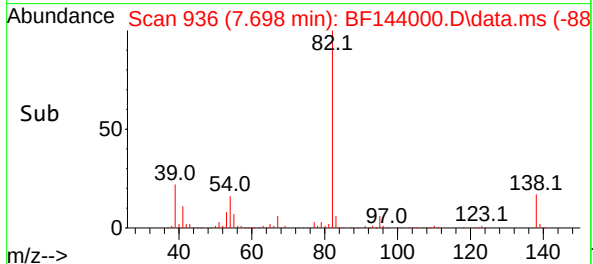
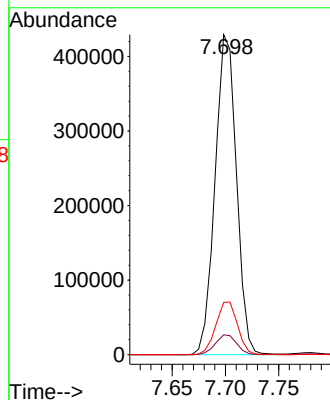
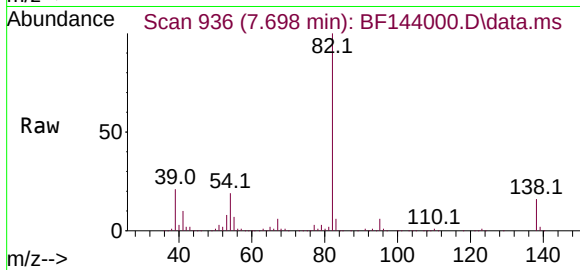




#25
Isophorone
Concen: 45.264 ng
RT: 7.698 min Scan# 931
Delta R.T. -0.023 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

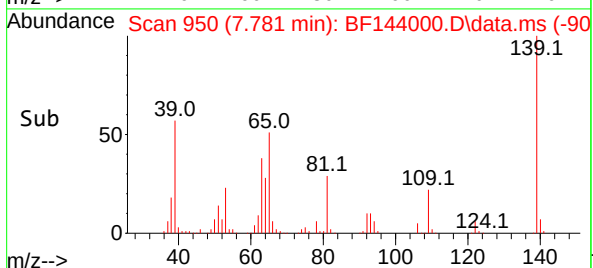
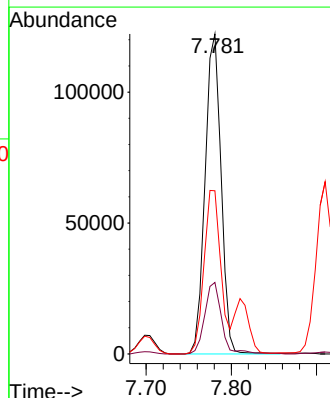
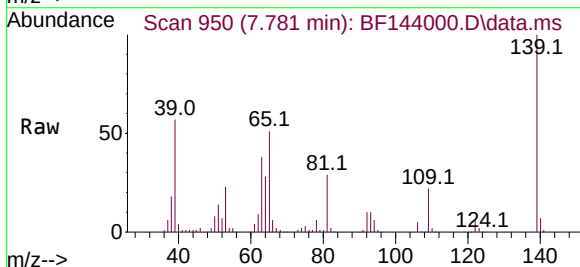
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

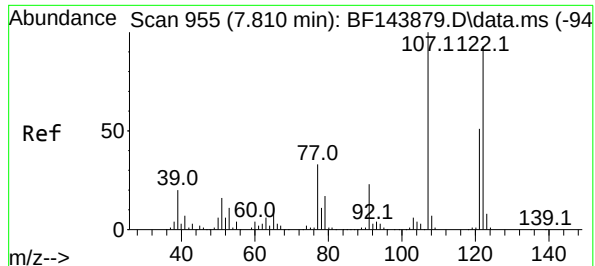
Tgt Ion: 82 Resp: 600118
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.3 12.9 19.3



#26
2-Nitrophenol
Concen: 53.262 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion: 139 Resp: 159448
Ion Ratio Lower Upper
139 100
109 22.3 19.8 29.6
65 51.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 50.573 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

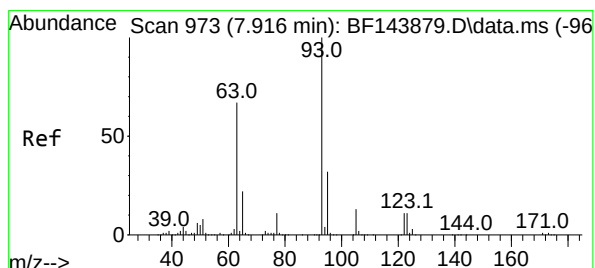
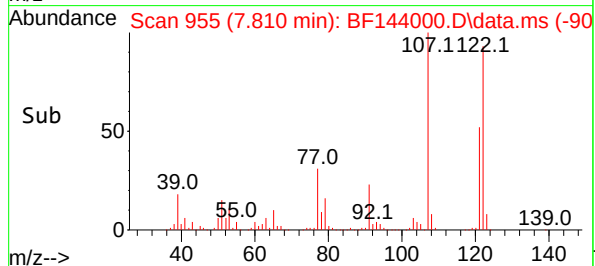
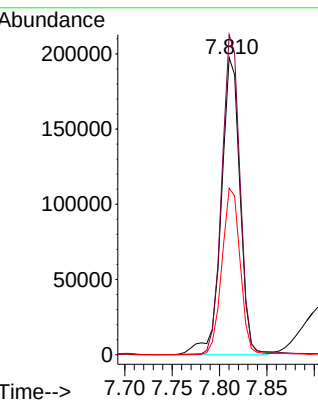
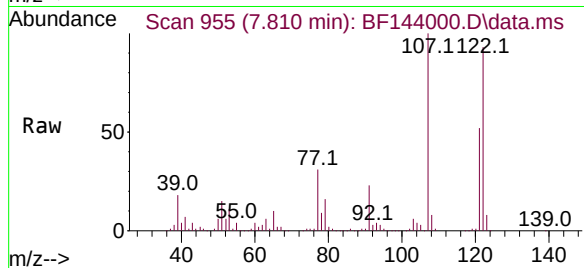
BNA_F

ClientSampleId :

VNJ-245MS

Tgt Ion:122 Resp: 272349

Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.1	129.1
121	56.0	43.8	65.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.306 ng

RT: 7.910 min Scan# 972

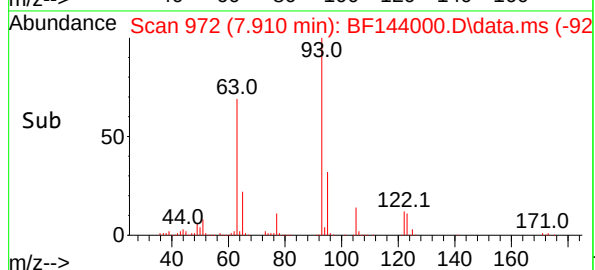
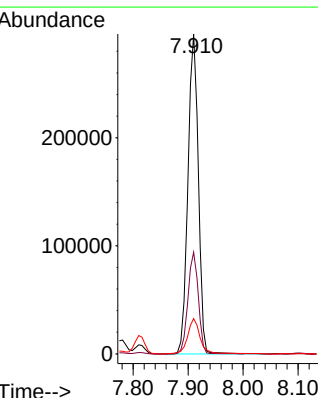
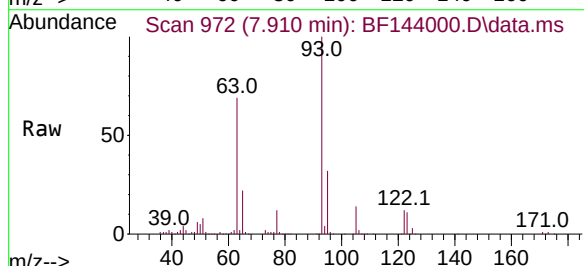
Delta R.T. -0.012 min

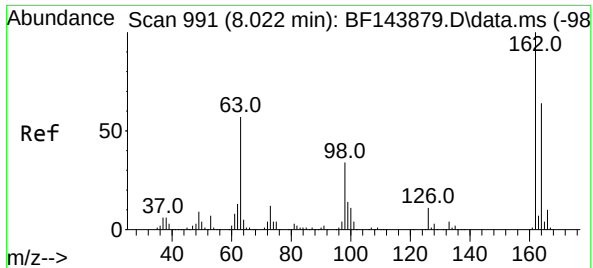
Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion: 93 Resp: 387810

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.9	38.9
123	11.0	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 46.261 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

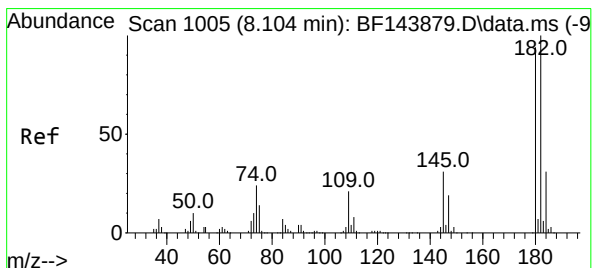
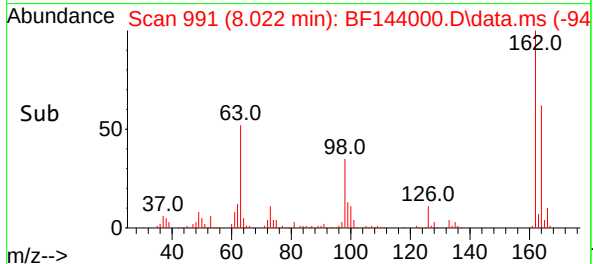
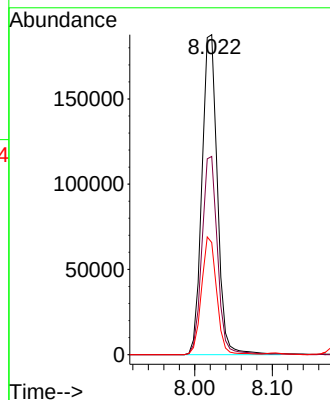
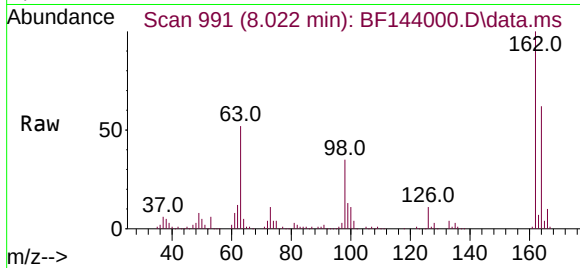
Tgt Ion:162 Resp: 259499

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 35.0 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.932 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

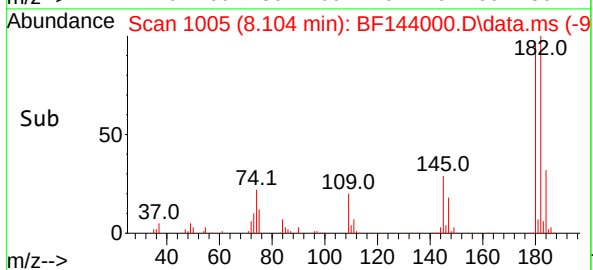
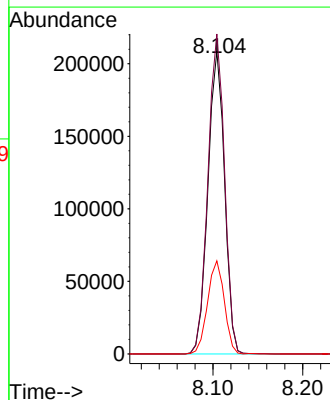
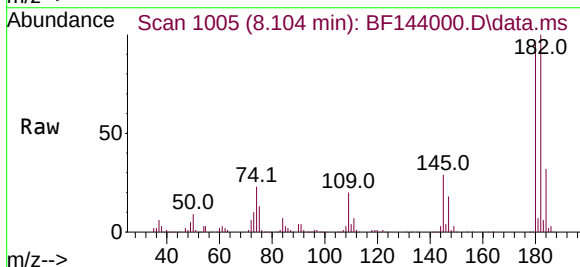
Tgt Ion:180 Resp: 269947

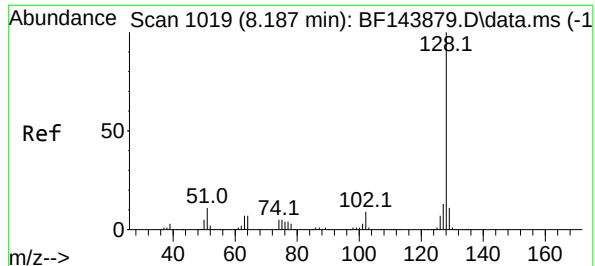
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 30.7 26.3 39.5





#31

Naphthalene

Concen: 45.855 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

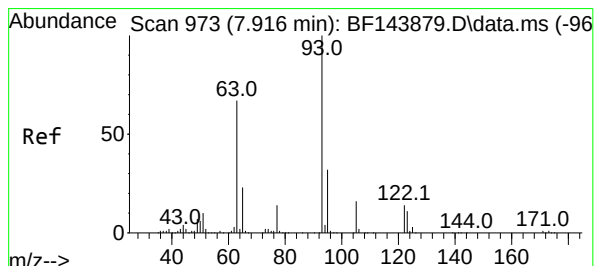
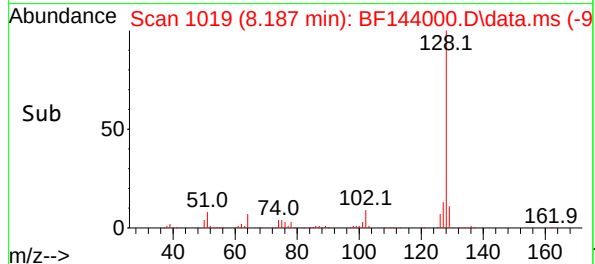
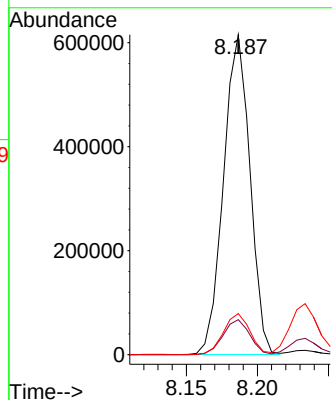
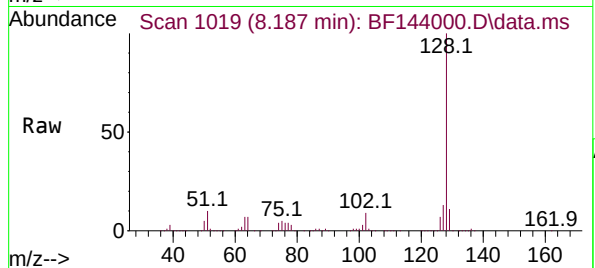
Tgt Ion:128 Resp: 796848

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.0 15.0



#32

Benzoic acid

Concen: 43.417 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

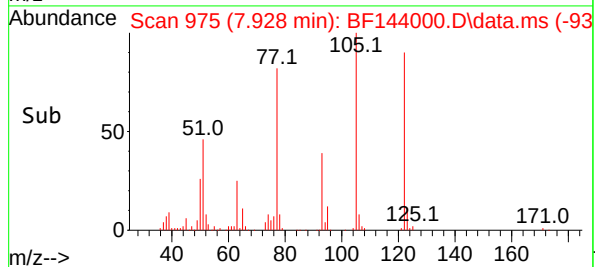
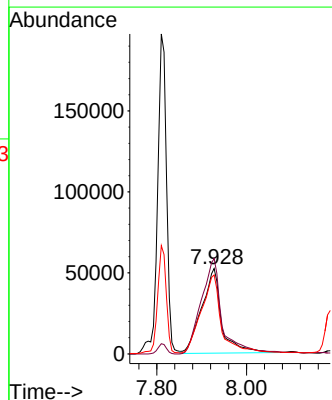
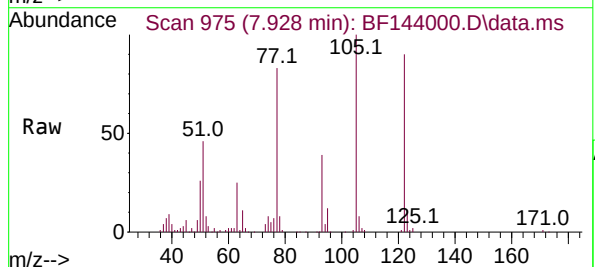
Tgt Ion:122 Resp: 161816

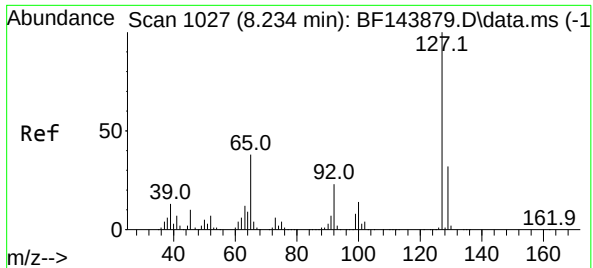
Ion Ratio Lower Upper

122 100

105 111.5 93.5 133.5

77 92.4 76.3 116.3

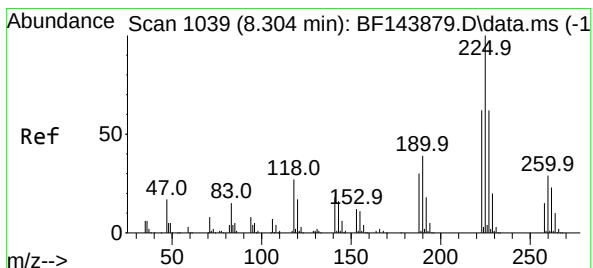
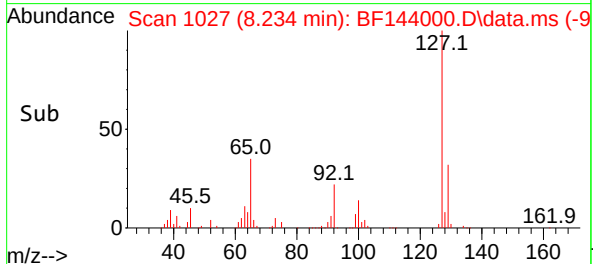
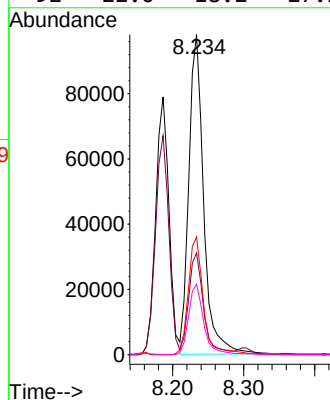
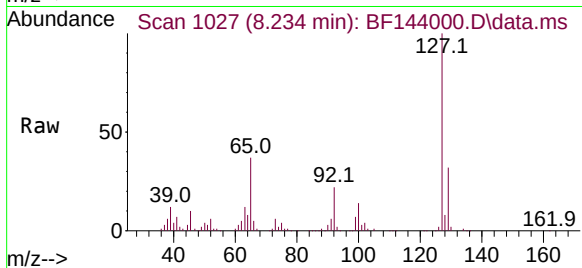




#33
4-Chloroaniline
Concen: 21.892 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

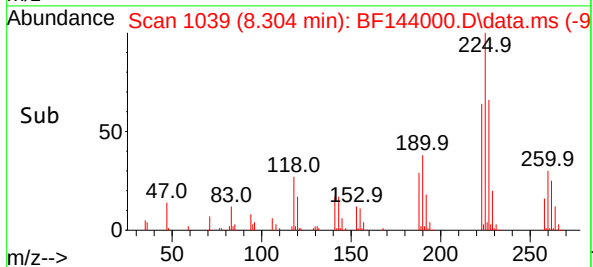
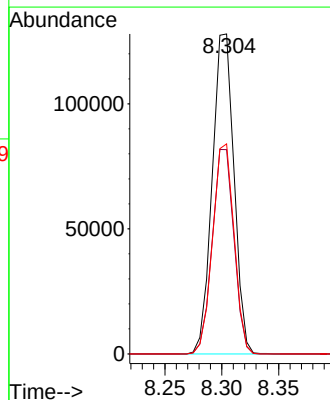
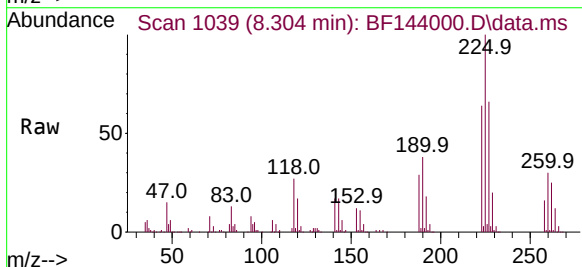
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

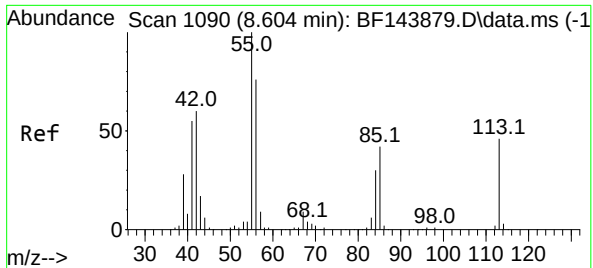
Tgt Ion:127	Resp: 142681
Ion Ratio	Lower Upper
127 100	
129 31.8	25.8 38.8
65 36.8	30.0 45.0
92 22.0	18.2 27.2



#34
Hexachlorobutadiene
Concen: 44.436 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:225	Resp: 170350
Ion Ratio	Lower Upper
225 100	
223 63.8	49.4 74.2
227 65.6	49.7 74.5

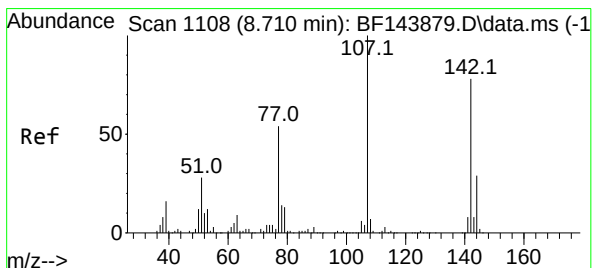
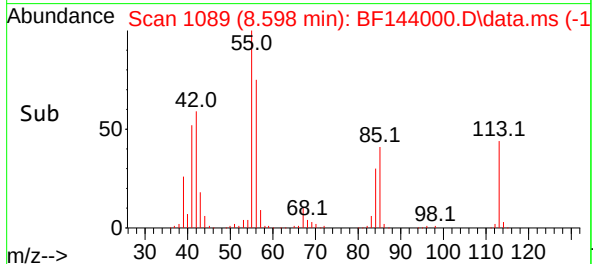
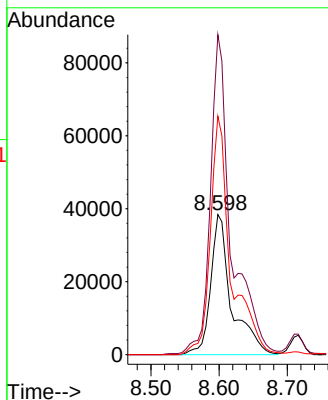
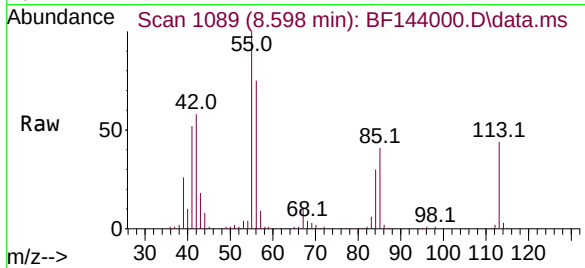




#35
Caprolactam
Concen: 45.664 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

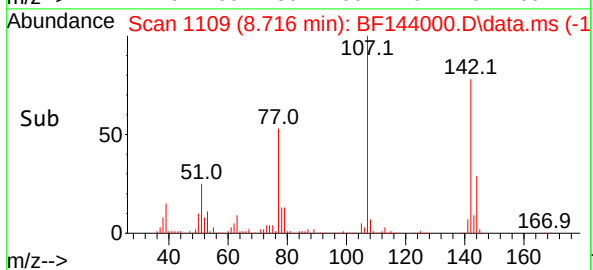
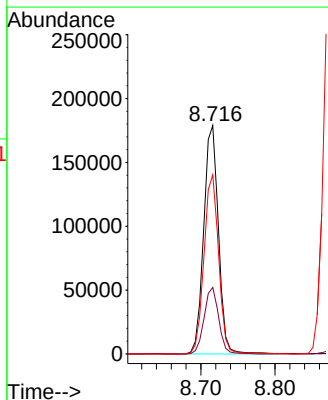
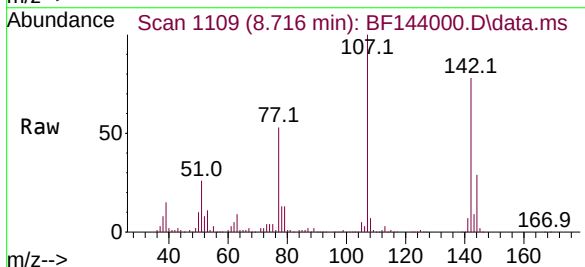
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

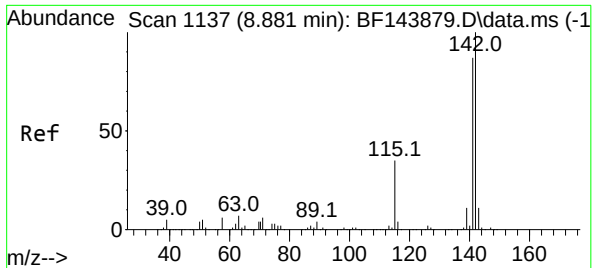
Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.5	199.6	239.6
56	170.3	146.0	186.0



#36
4-Chloro-3-methylphenol
Concen: 45.684 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.1	34.7
142	78.5	62.6	94.0





#37

2-Methylnaphthalene

Concen: 42.286 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

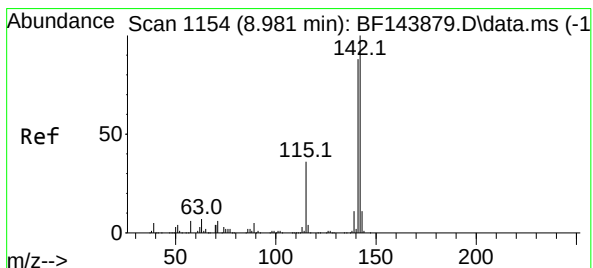
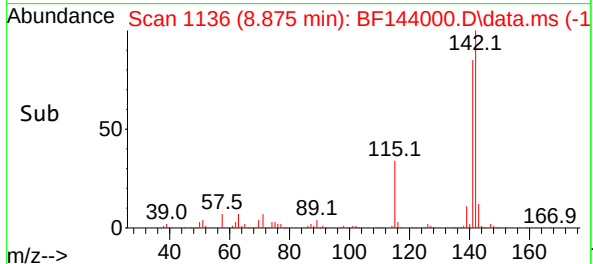
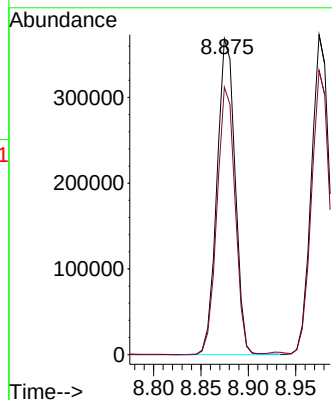
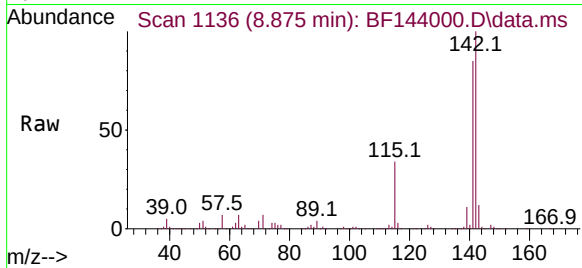
VNJ-245MS

Tgt Ion:142 Resp: 489487

Ion Ratio Lower Upper

142 100

141 84.7 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.496 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144000.D

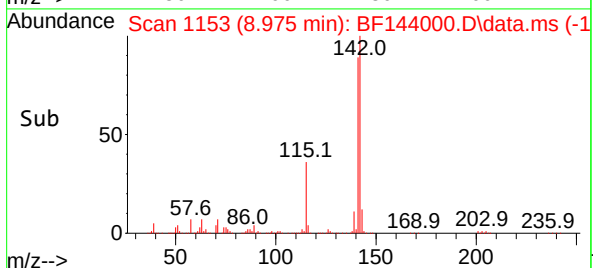
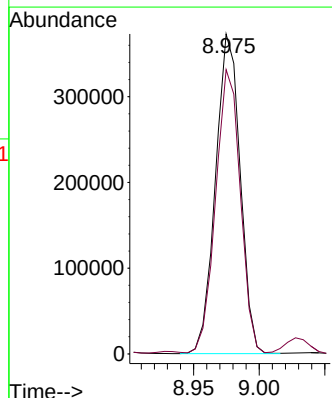
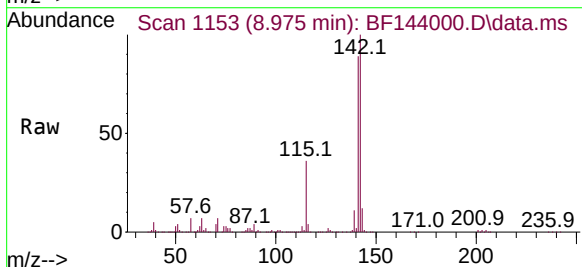
Acq: 20 Oct 2025 15:57

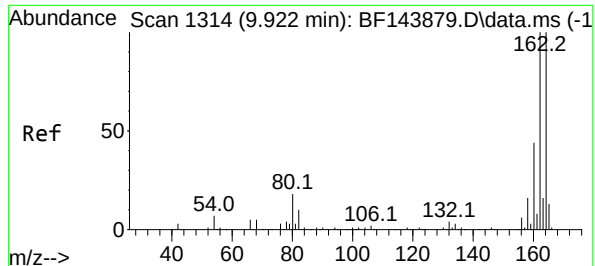
Tgt Ion:142 Resp: 488367

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

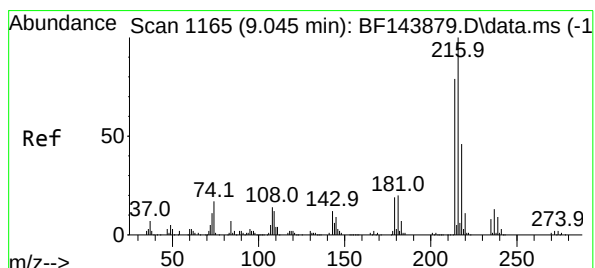
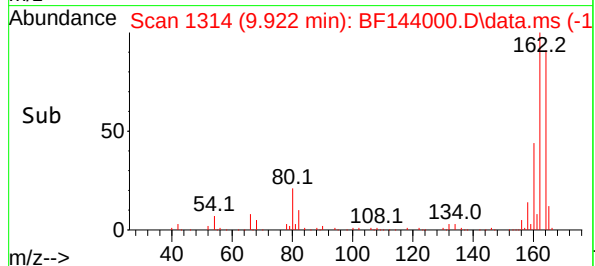
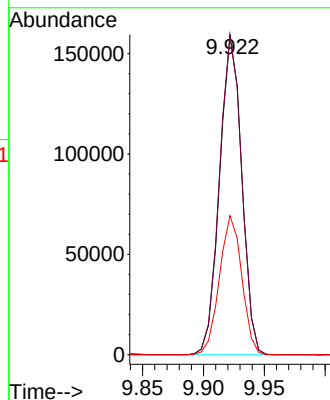
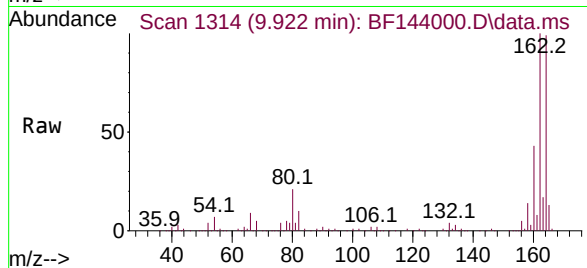
Tgt Ion:164 Resp: 200713

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

160 43.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.276 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion:216 Resp: 284451

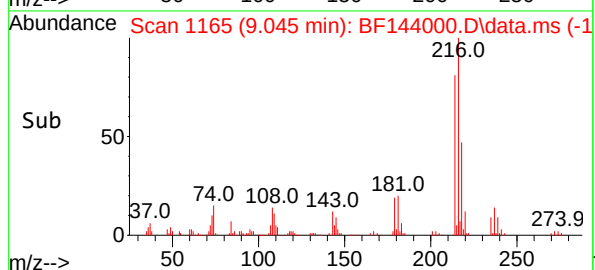
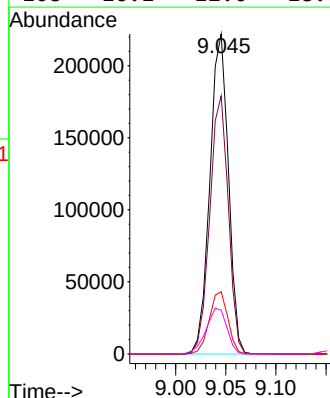
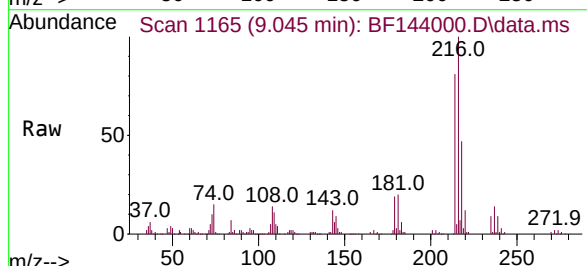
Ion Ratio Lower Upper

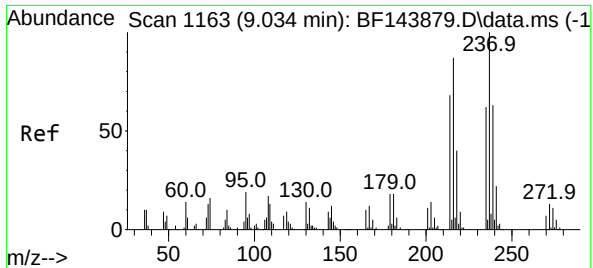
216 100

214 80.5 62.6 94.0

179 19.6 15.4 23.0

108 16.1 12.0 18.0

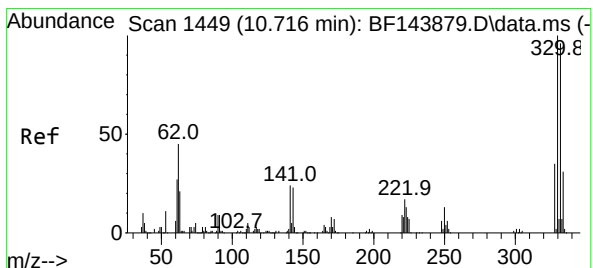
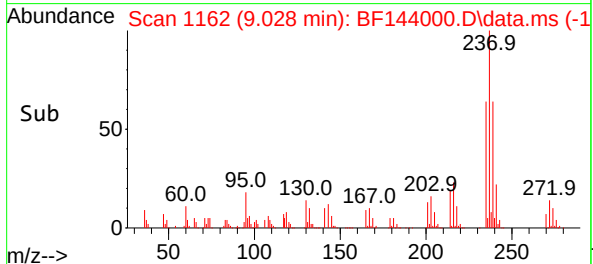
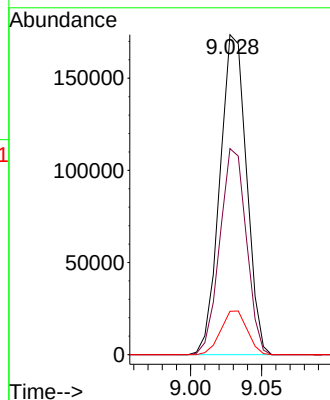
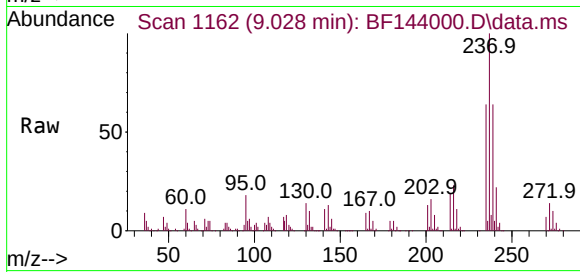




#41
Hexachlorocyclopentadiene
Concen: 98.605 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

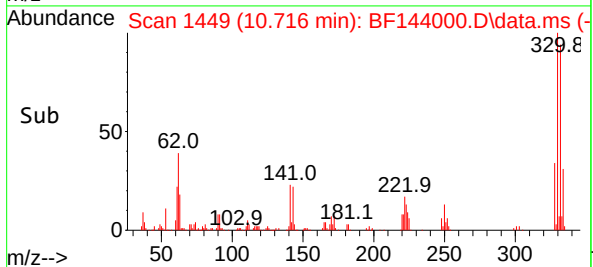
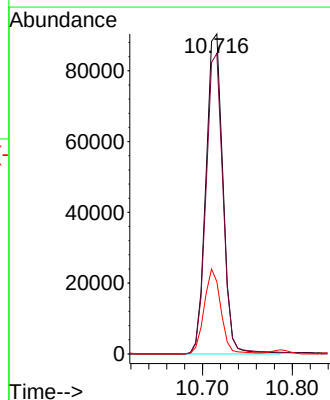
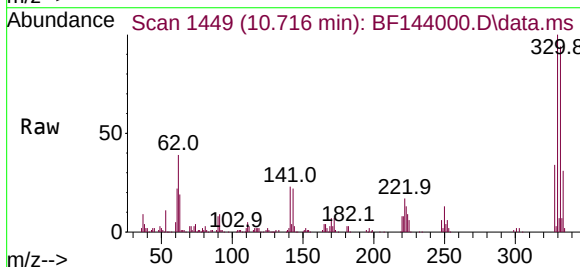
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

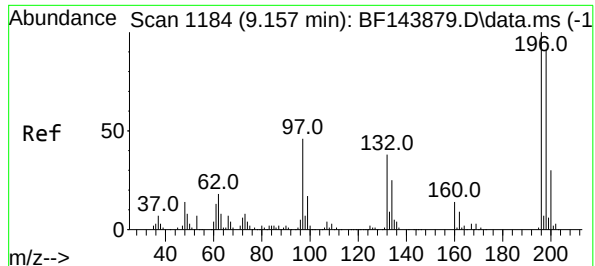
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.3	82.3
272	13.5	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 59.505 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	26.1	20.2	30.4





#43

2,4,6-Trichlorophenol

Concen: 46.890 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

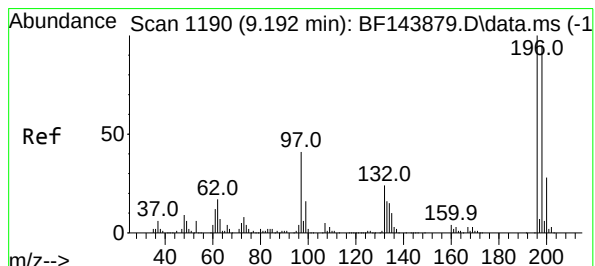
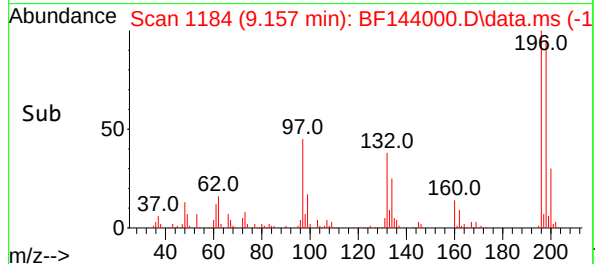
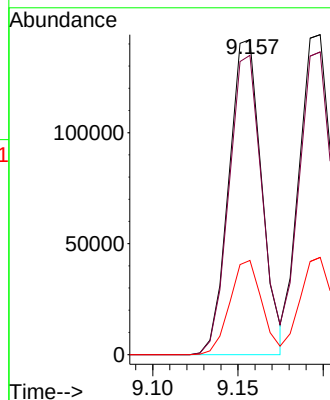
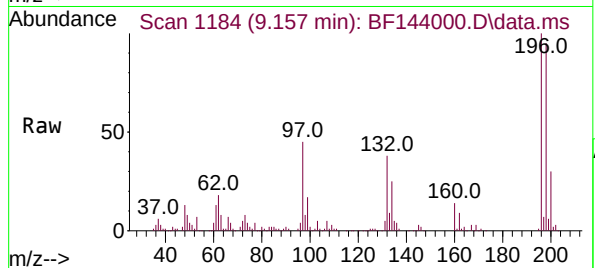
Tgt Ion:196 Resp: 190058

Ion Ratio Lower Upper

196 100

198 95.0 72.8 109.2

200 29.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 46.753 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion:196 Resp: 200259

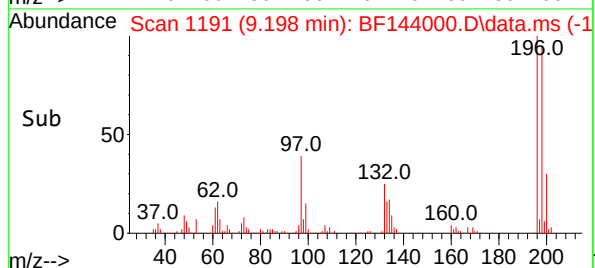
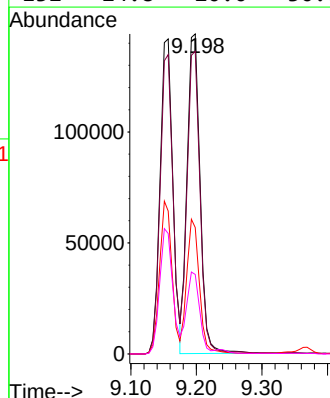
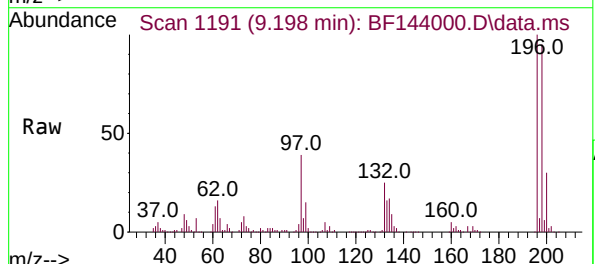
Ion Ratio Lower Upper

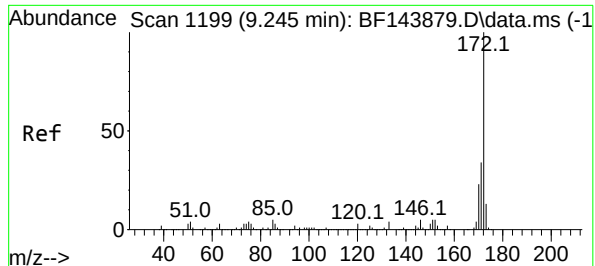
196 100

198 94.6 75.5 113.3

97 39.5 33.9 50.9

132 24.8 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 32.402 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

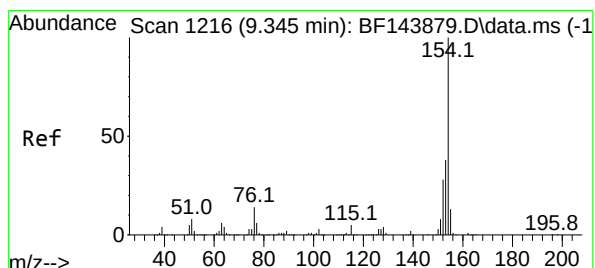
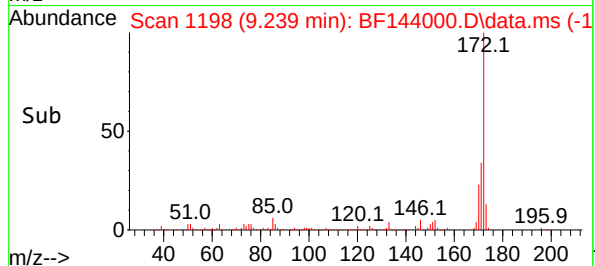
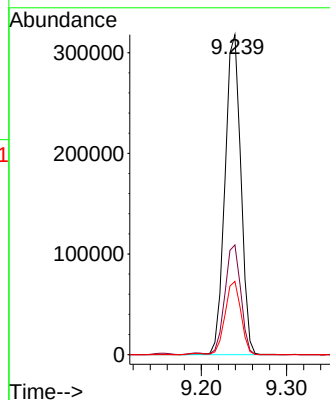
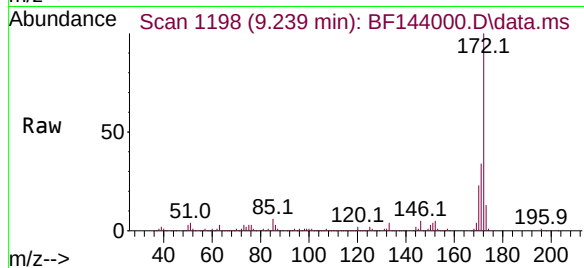
Tgt Ion:172 Resp: 409869

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 22.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 51.087 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

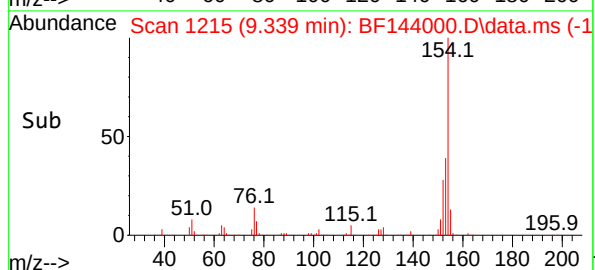
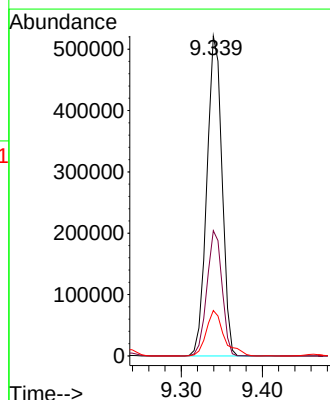
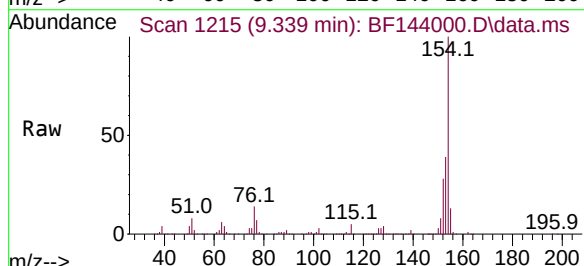
Tgt Ion:154 Resp: 678896

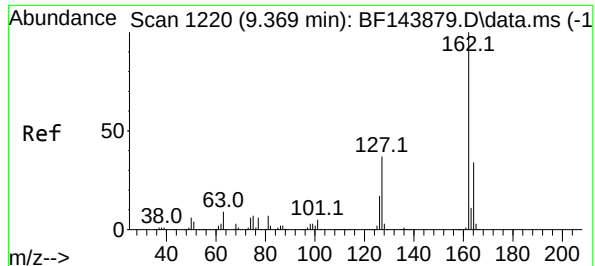
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.276 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

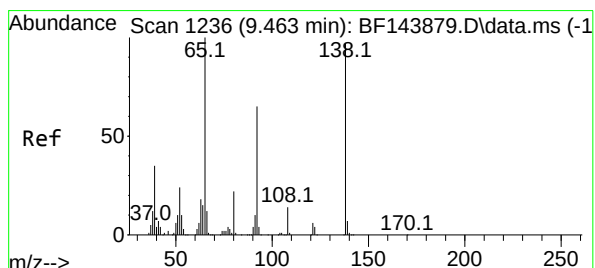
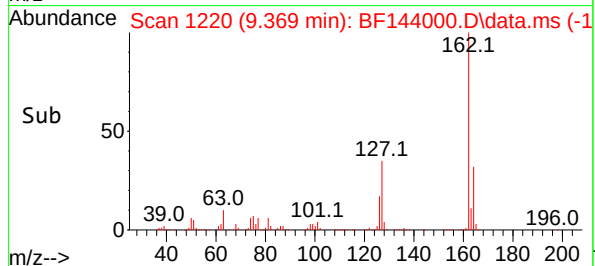
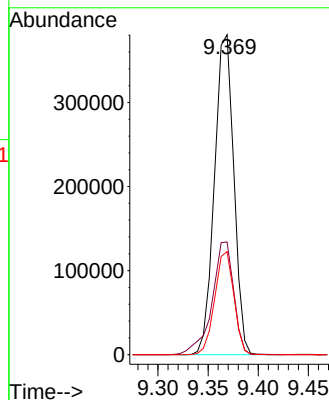
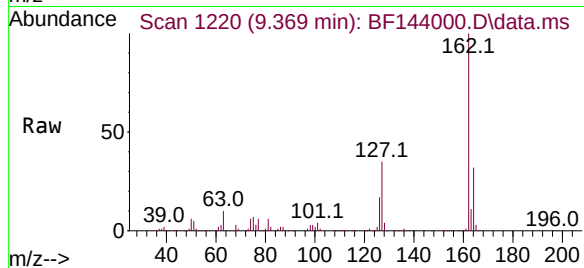
Tgt Ion:162 Resp: 512730

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 50.193 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

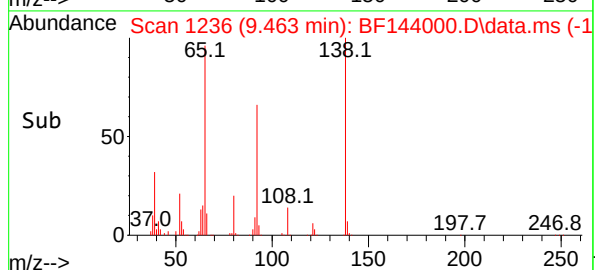
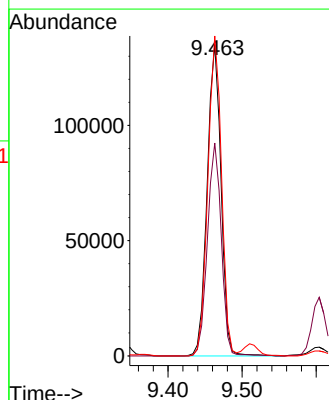
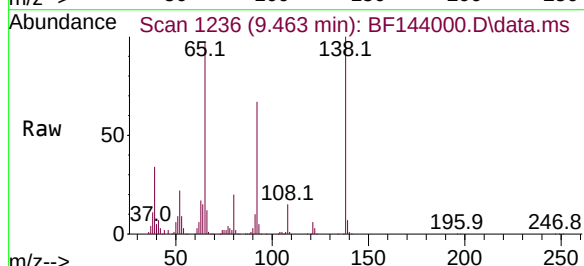
Tgt Ion: 65 Resp: 175824

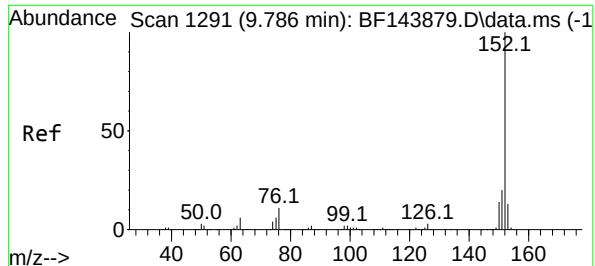
Ion Ratio Lower Upper

65 100

92 68.4 52.1 78.1

138 102.7 77.4 116.2





#49

Acenaphthylene

Concen: 51.961 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

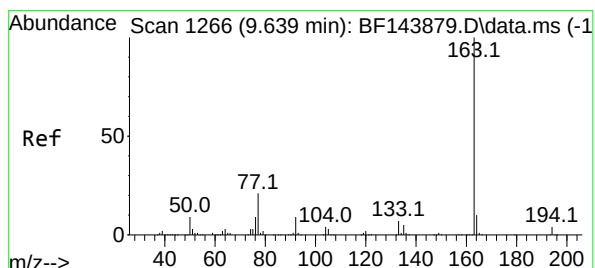
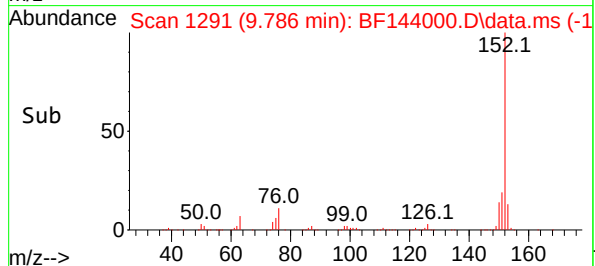
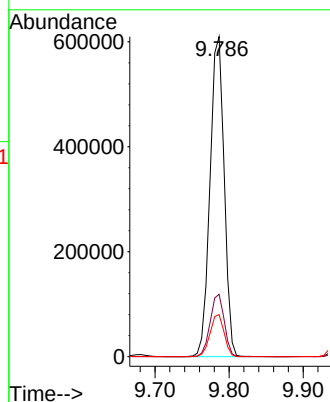
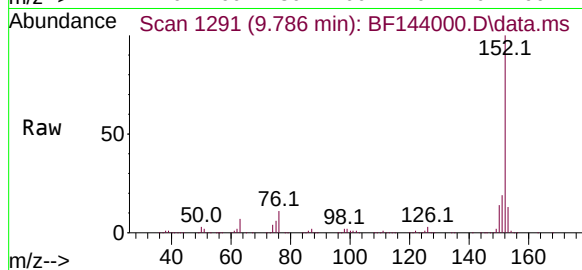
Tgt Ion:152 Resp: 809376

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 46.876 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

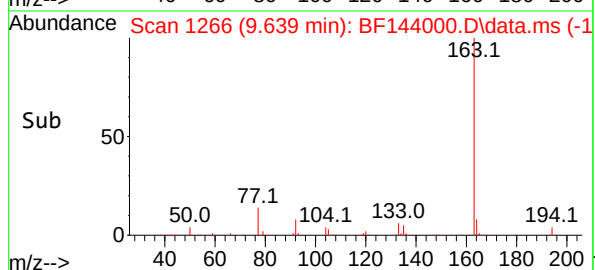
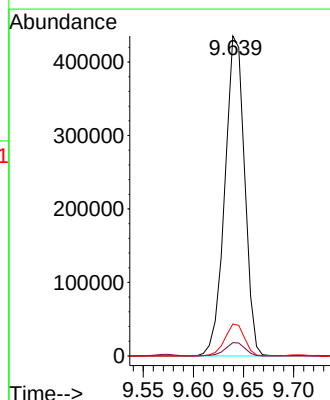
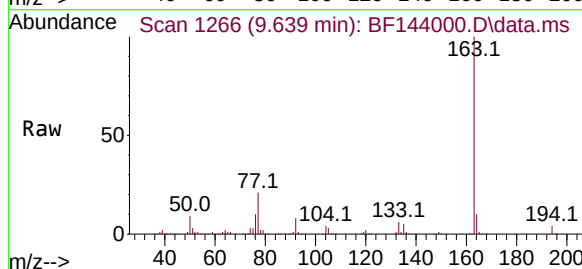
Tgt Ion:163 Resp: 597488

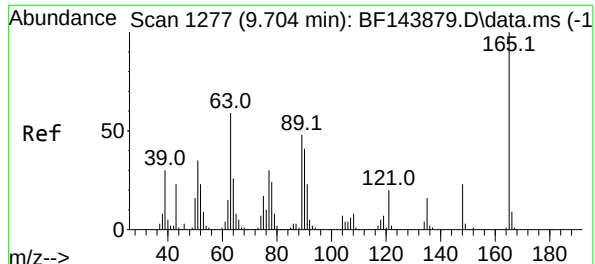
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.1 12.1

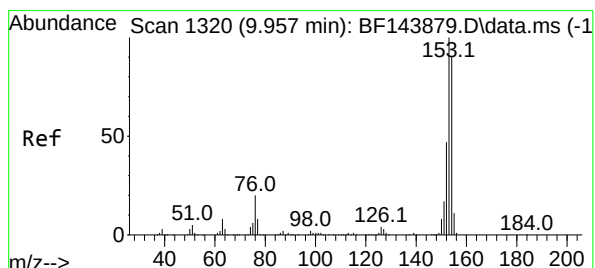
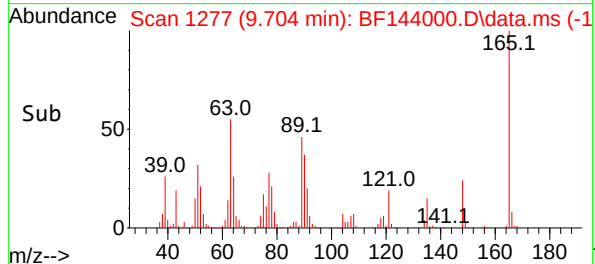
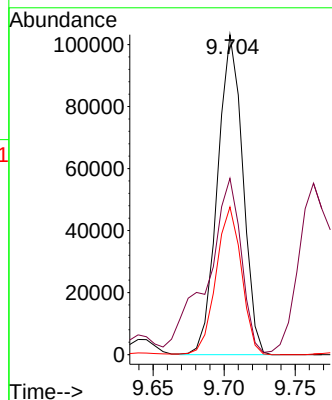
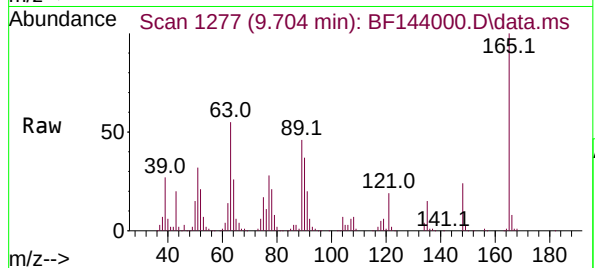




#51
2,6-Dinitrotoluene
Concen: 54.095 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

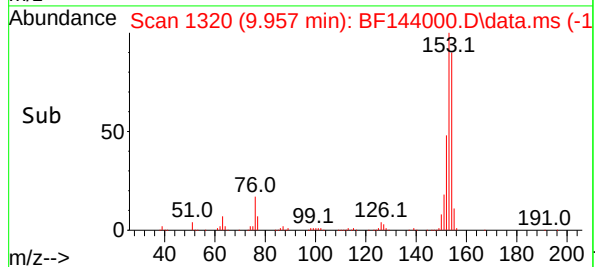
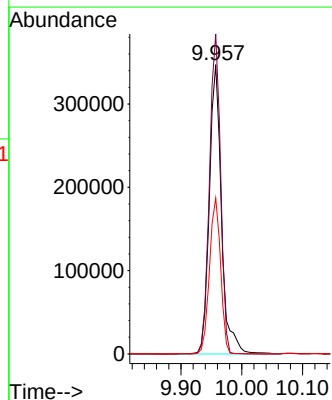
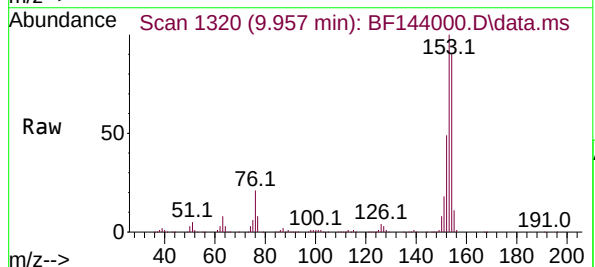
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

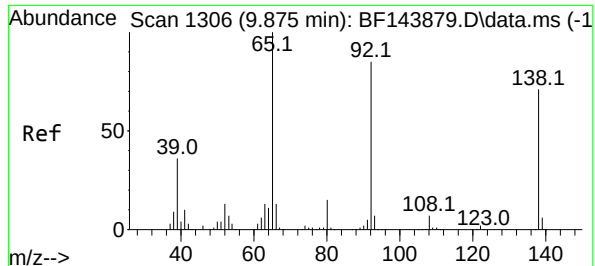
Tgt Ion:165 Resp: 127854
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 46.1 38.2 57.4



#52
Acenaphthene
Concen: 46.884 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:154 Resp: 478527
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 53.9 42.2 63.2





#53

3-Nitroaniline

Concen: 31.894 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

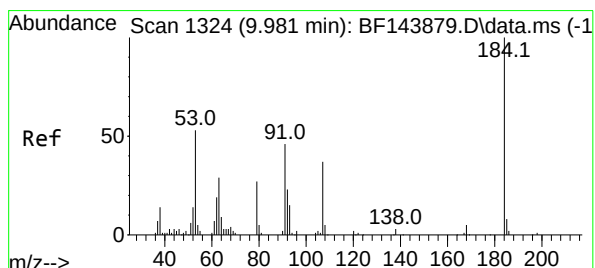
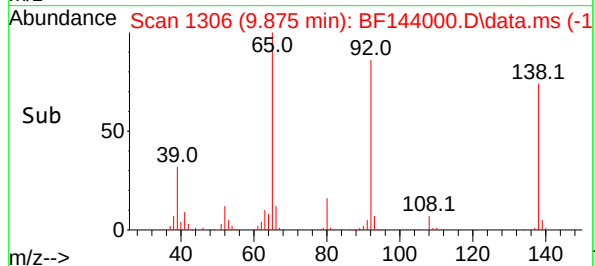
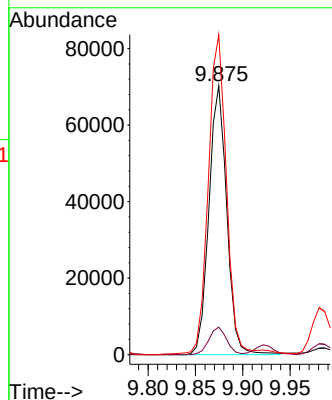
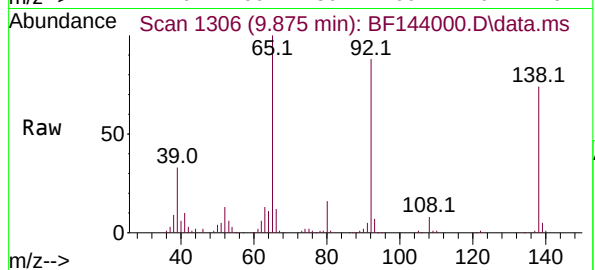
Tgt Ion:138 Resp: 92302

Ion Ratio Lower Upper

138 100

108 10.2 8.3 12.5

92 119.1 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 58.200 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

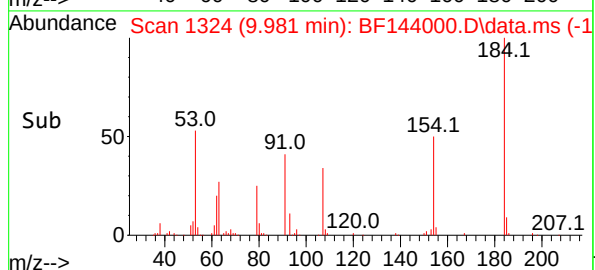
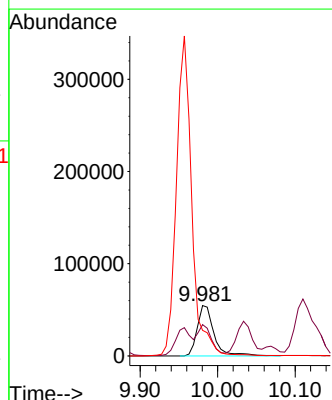
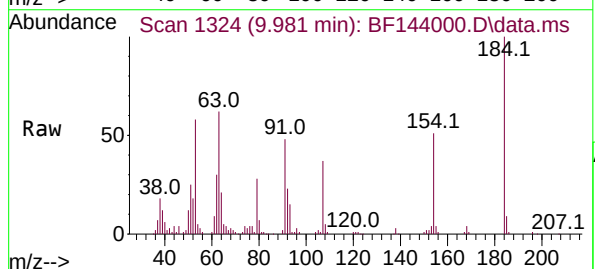
Tgt Ion:184 Resp: 81830

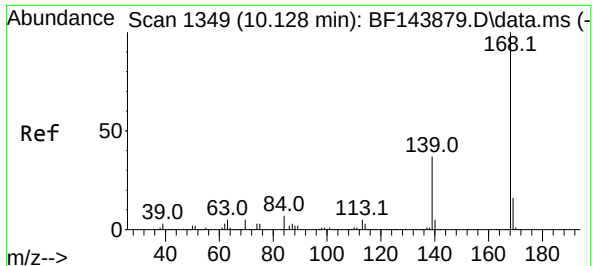
Ion Ratio Lower Upper

184 100

63 62.3 48.2 72.4

154 50.8 49.2 73.8





#55

Dibenzofuran

Concen: 46.912 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

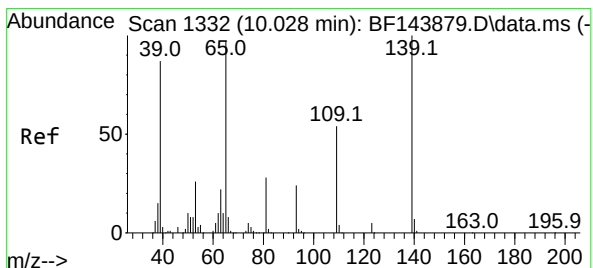
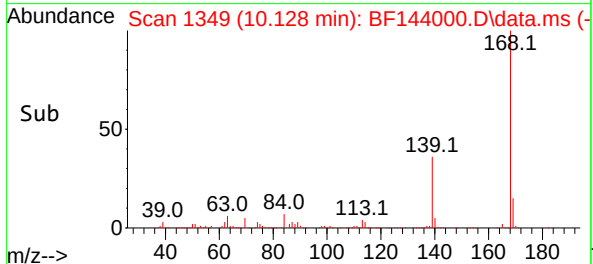
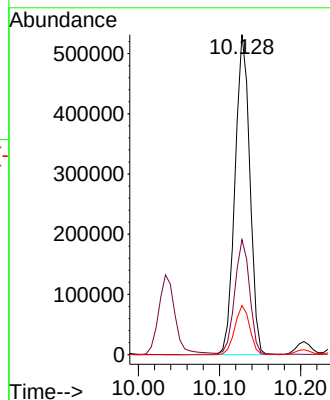
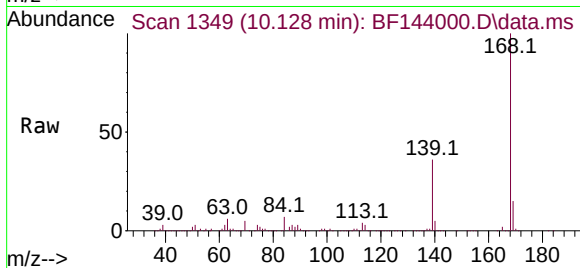
Tgt Ion:168 Resp: 675911

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

169 15.4 12.8 19.2



#56

4-Nitrophenol

Concen: 85.060 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

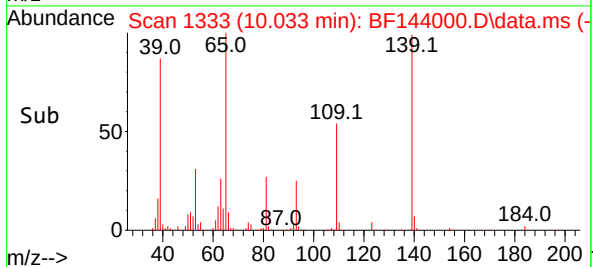
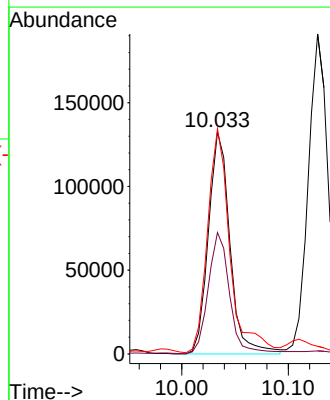
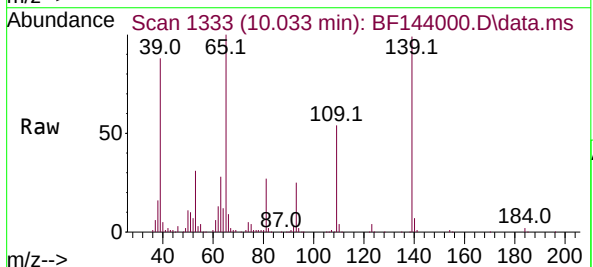
Tgt Ion:139 Resp: 186388

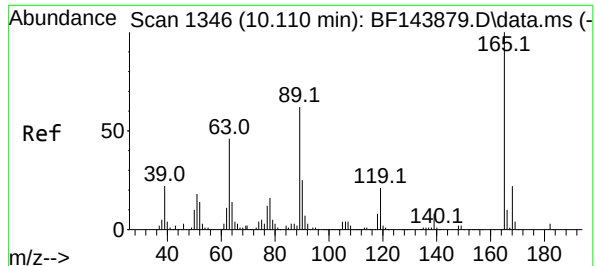
Ion Ratio Lower Upper

139 100

109 54.6 34.5 74.5

65 101.4 77.6 117.6

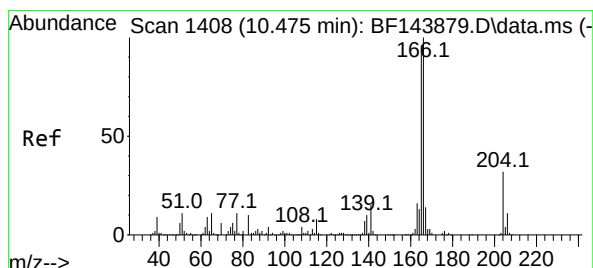
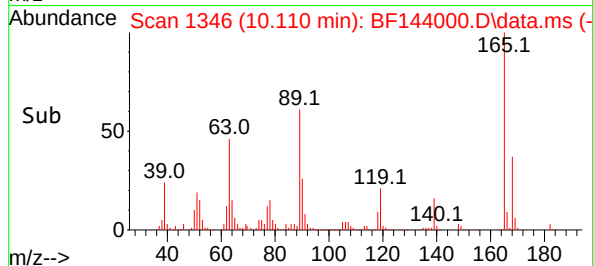
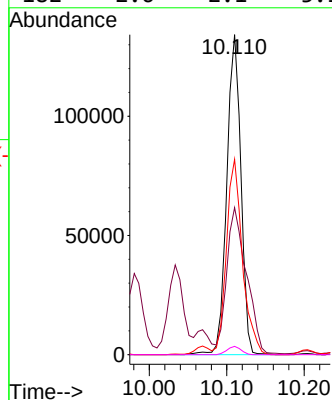
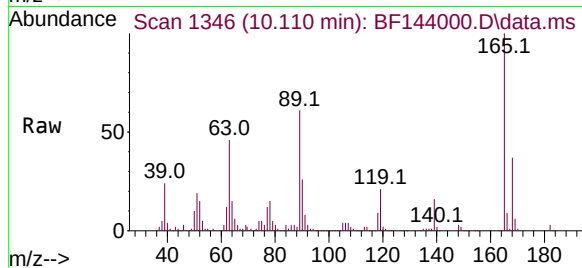




#57
2,4-Dinitrotoluene
Concen: 52.914 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

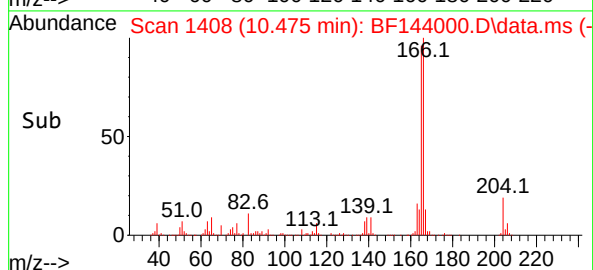
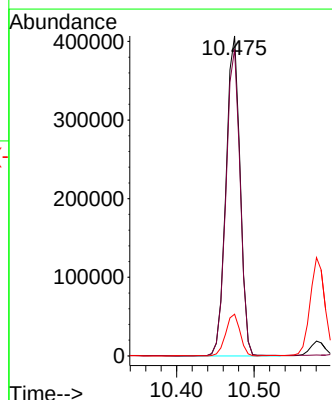
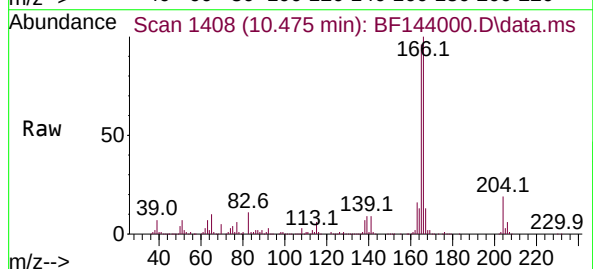
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

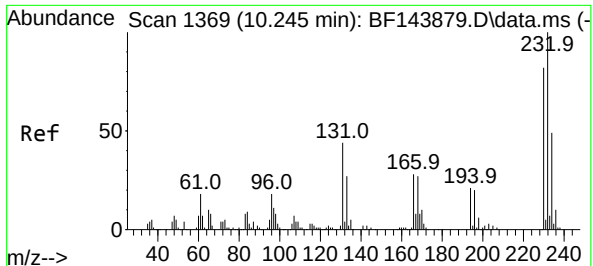
Tgt Ion:165 Resp: 170165
Ion Ratio Lower Upper
165 100
63 45.9 37.2 55.8
89 61.0 49.4 74.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 47.503 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:166 Resp: 516441
Ion Ratio Lower Upper
166 100
165 95.9 77.0 115.6
167 13.0 11.1 16.7

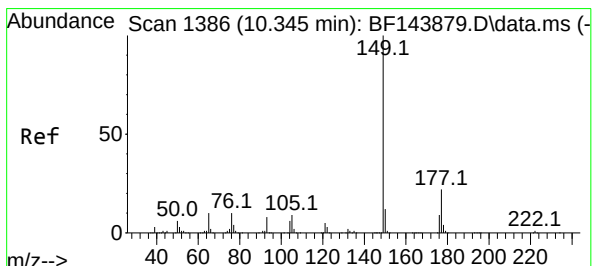
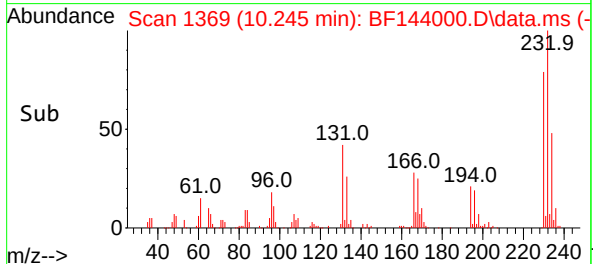
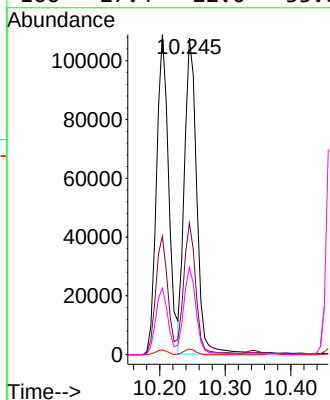
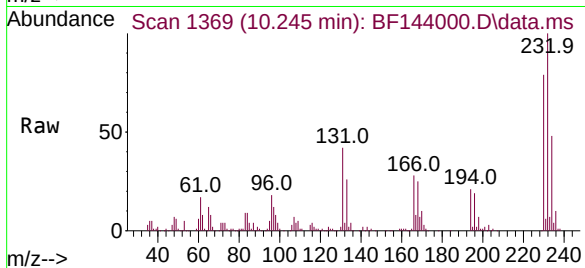




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.581 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

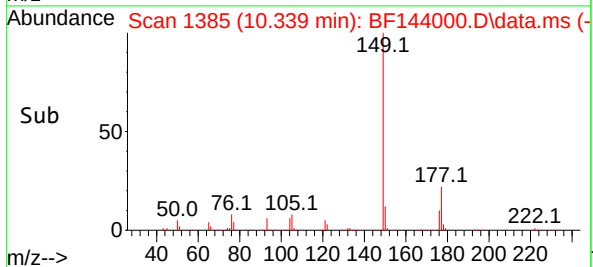
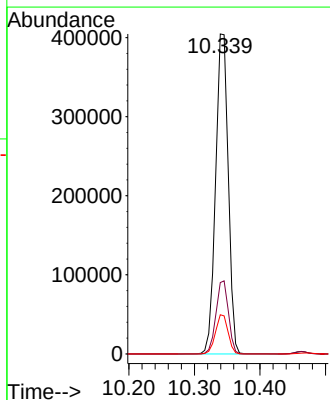
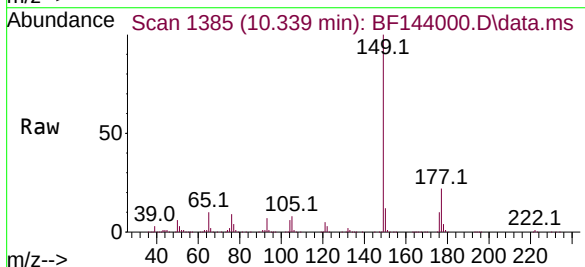
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

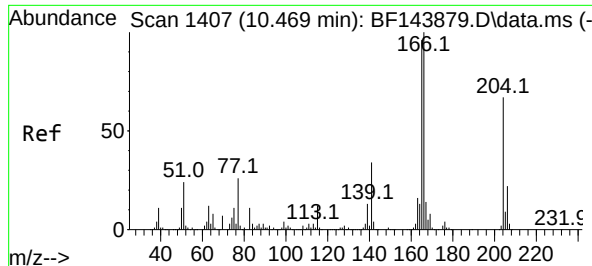
Tgt Ion:232 Resp: 141238
Ion Ratio Lower Upper
232 100
131 41.4 34.9 52.3
130 1.7 1.6 2.4
166 27.4 22.0 33.0



#60
Diethylphthalate
Concen: 45.909 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:149 Resp: 543627
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.2 9.8 14.8

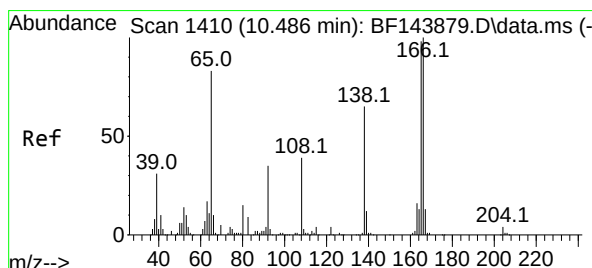
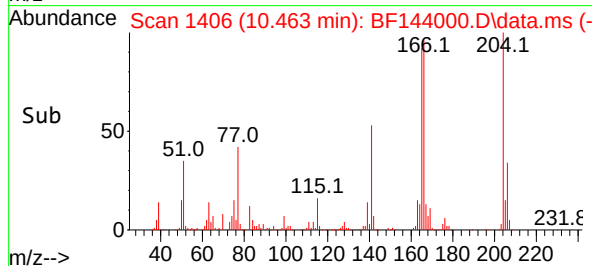
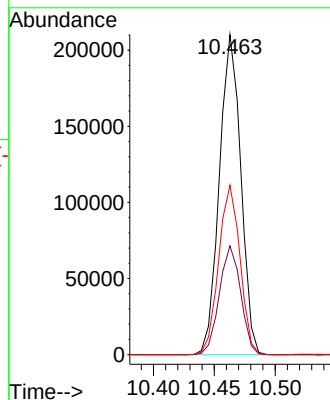
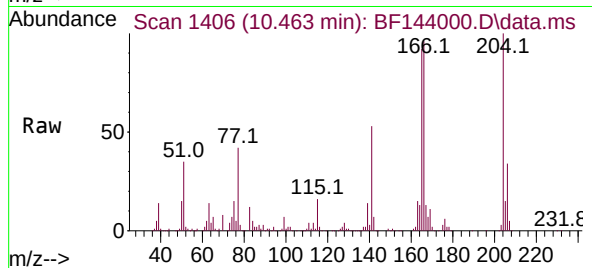




#61
4-Chlorophenyl-phenylether
Concen: 44.744 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

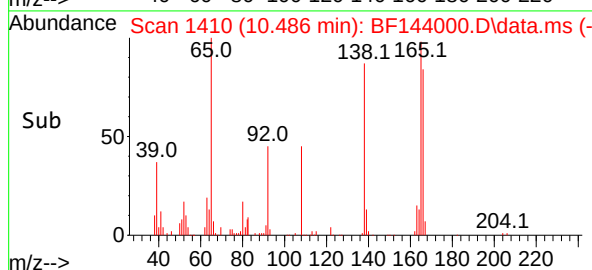
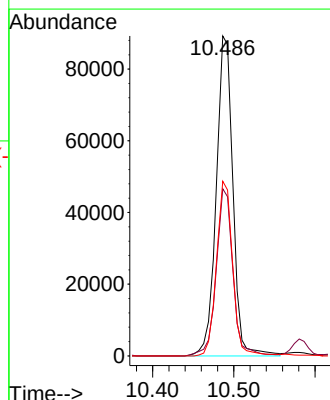
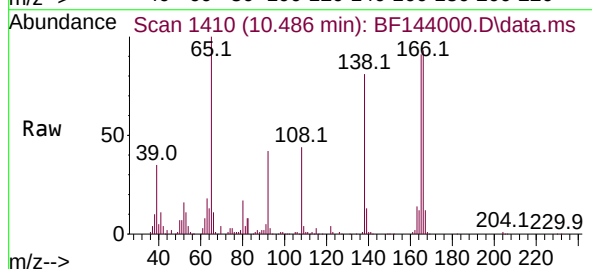
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

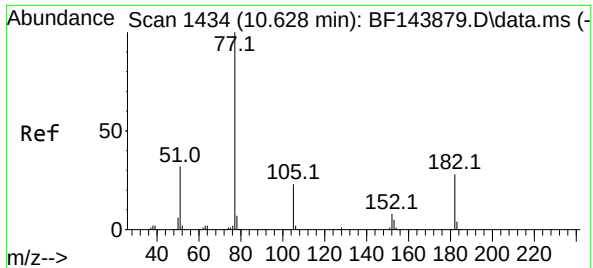
Tgt Ion:204 Resp: 257179
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 52.9 40.4 60.6



#62
4-Nitroaniline
Concen: 45.917 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:138 Resp: 127786
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 54.6 40.2 80.2

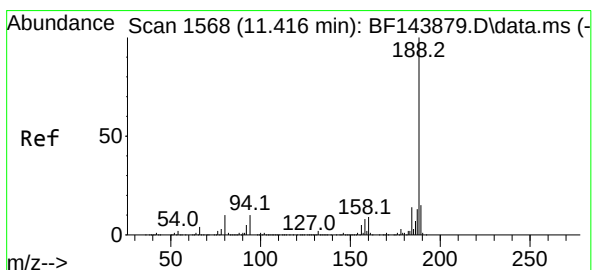
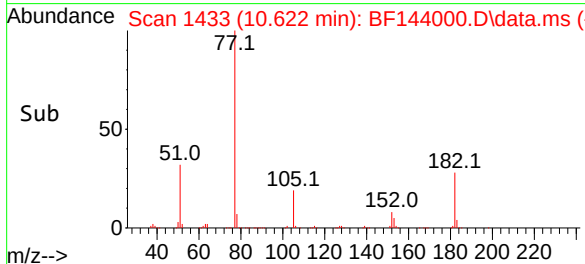
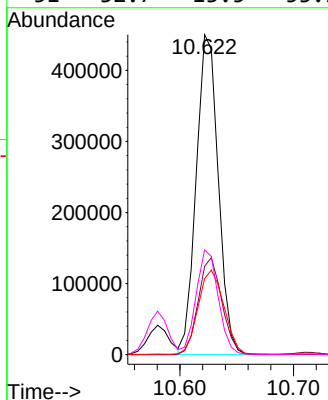
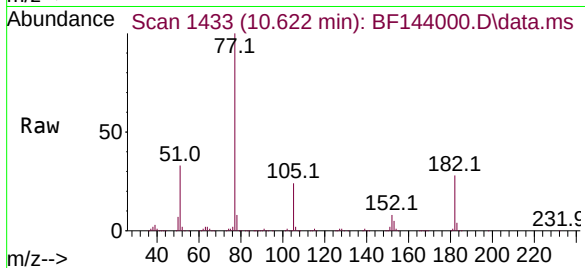




#63
Azobenzene
Concen: 49.044 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

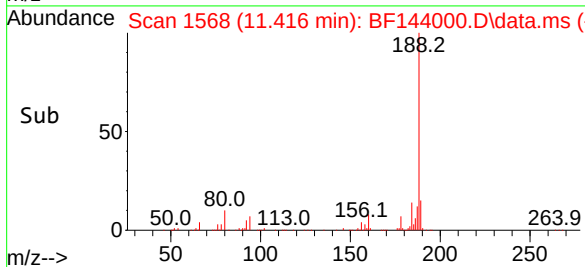
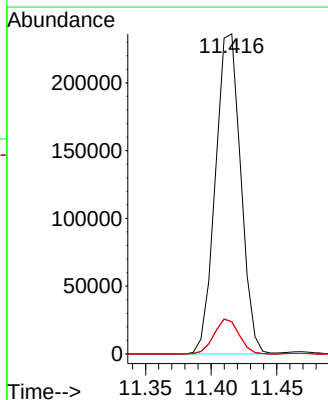
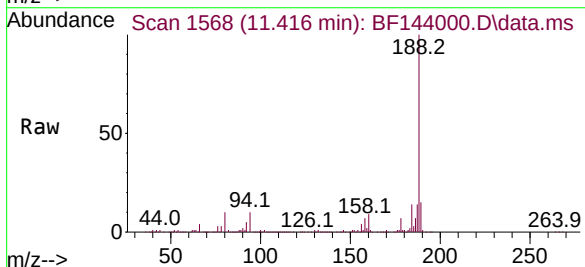
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

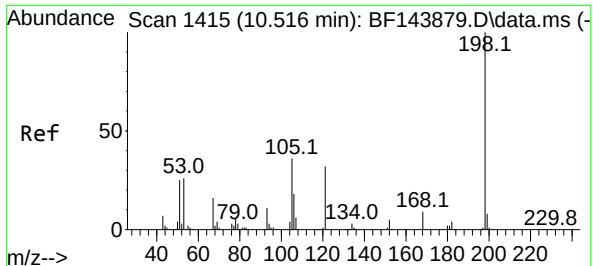
Tgt Ion:	77	Resp:	606952
Ion Ratio	Lower	Upper	
77	100		
182	27.6	7.3	47.3
105	23.7	3.0	43.0
51	32.7	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:	188	Resp:	318387
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.8	11.6
80	10.1	7.9	11.9

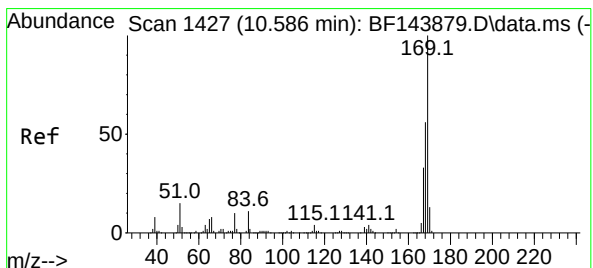
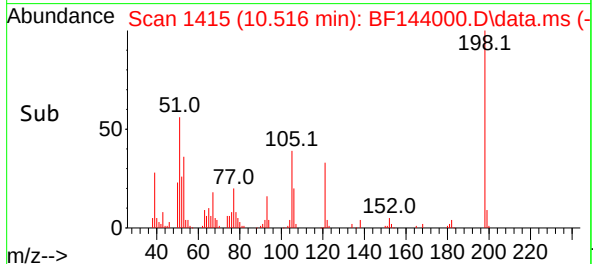
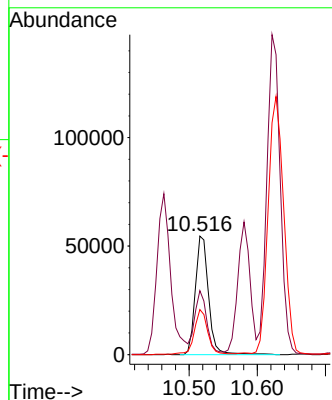
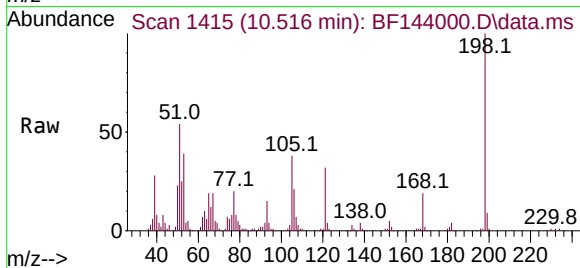




#65
4,6-Dinitro-2-methylphenol
Concen: 45.976 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

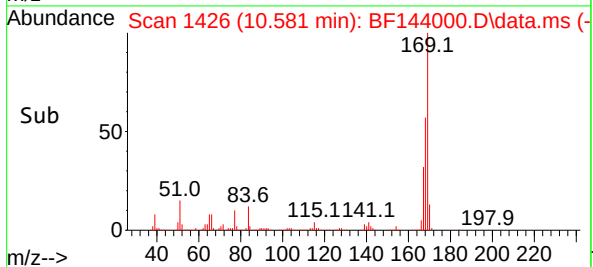
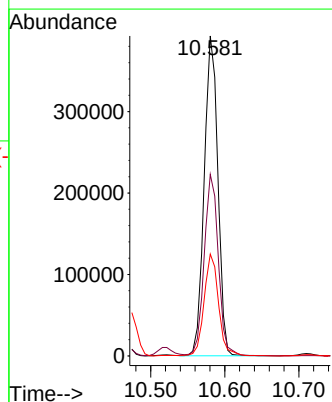
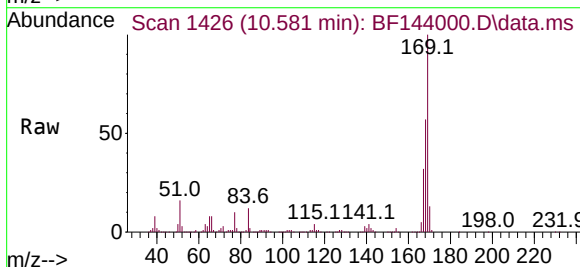
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

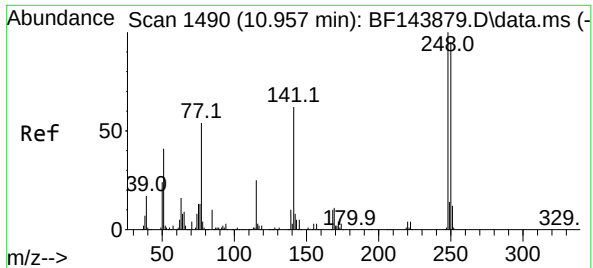
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.9	33.8	73.8
105	38.0	17.0	57.0



#66
n-Nitrosodiphenylamine
Concen: 50.200 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.7	44.9	67.3
167	31.8	26.3	39.5

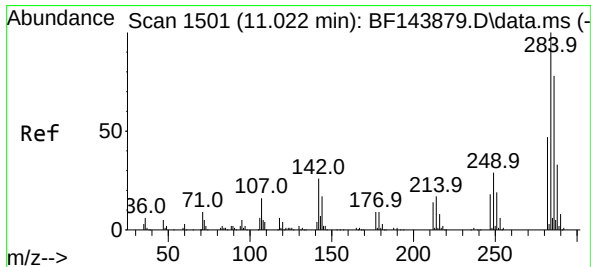
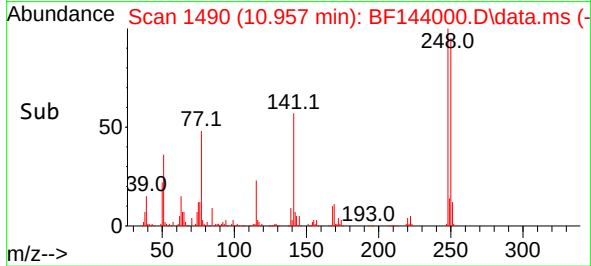
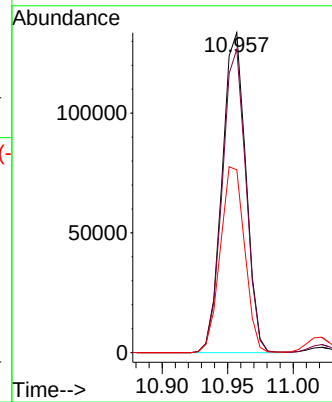
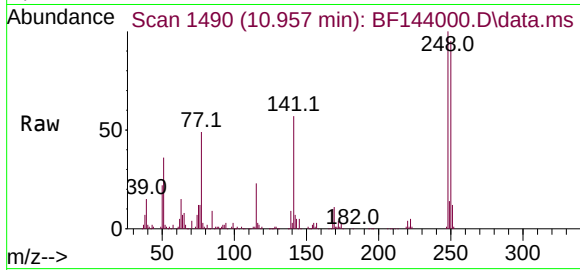




#67
4-Bromophenyl-phenylether
Concen: 47.892 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

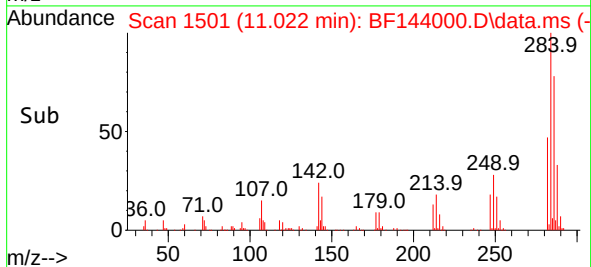
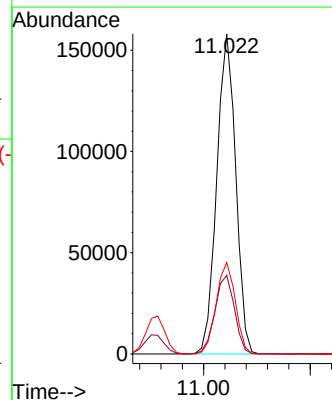
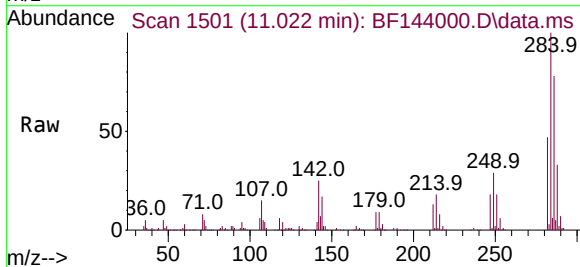
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

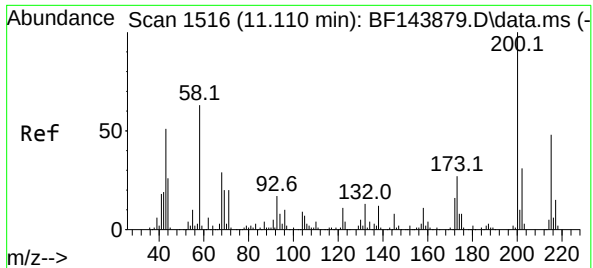
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.8	76.3	114.5
141	57.1	49.7	74.5



#68
Hexachlorobenzene
Concen: 48.006 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	20.6	30.8
249	28.6	23.2	34.8





#69

Atrazine

Concen: 50.440 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

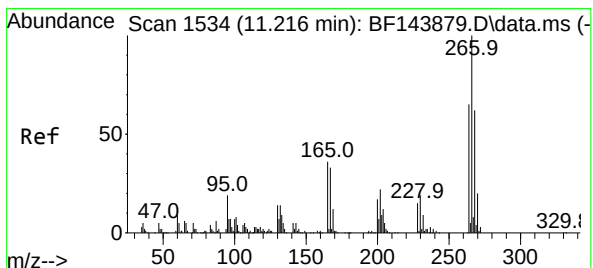
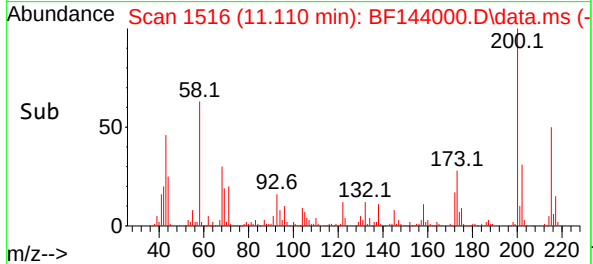
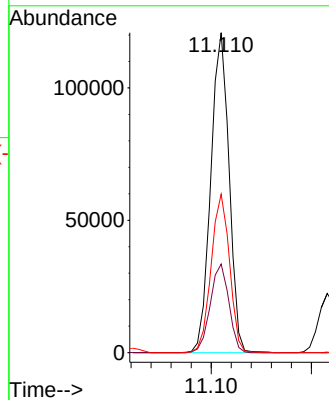
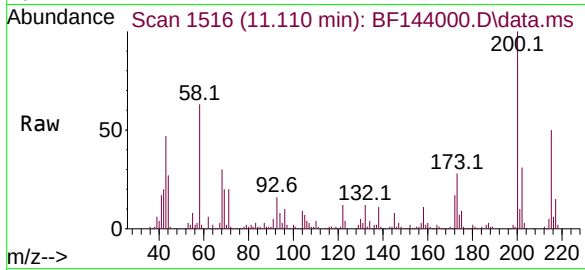
Tgt Ion:200 Resp: 152836

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 49.5 27.8 67.8



#70

Pentachlorophenol

Concen: 78.967 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

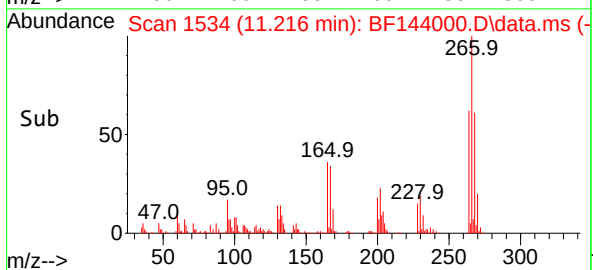
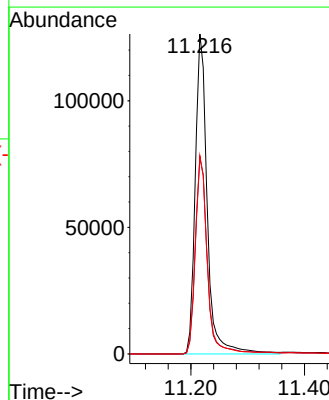
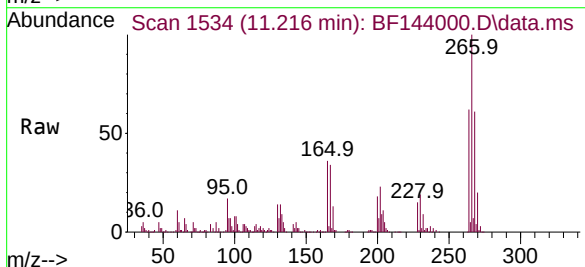
Tgt Ion:266 Resp: 184749

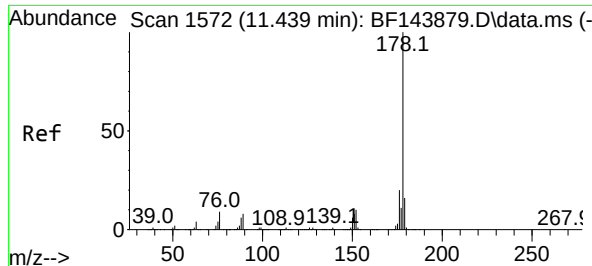
Ion Ratio Lower Upper

266 100

268 61.4 49.4 74.0

264 61.9 51.8 77.6

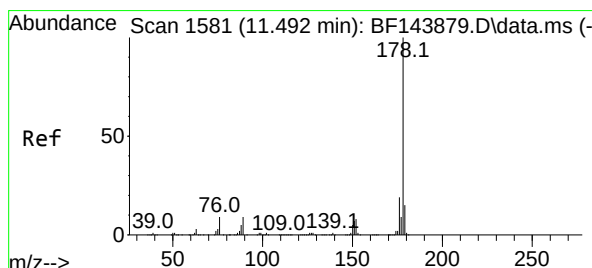
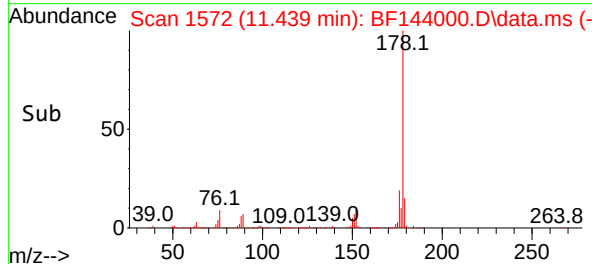
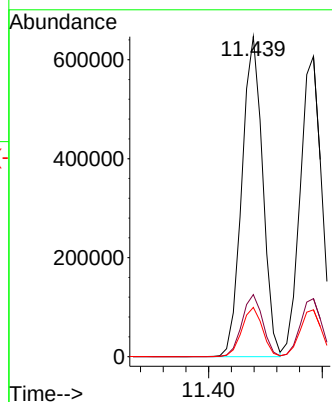
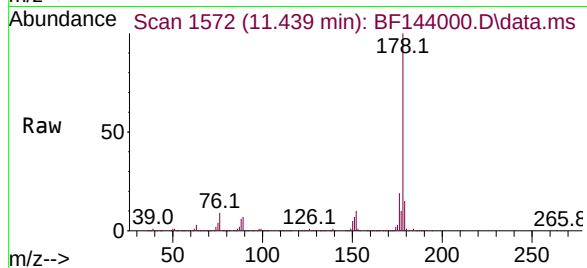




#71
Phenanthrene
Concen: 53.056 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

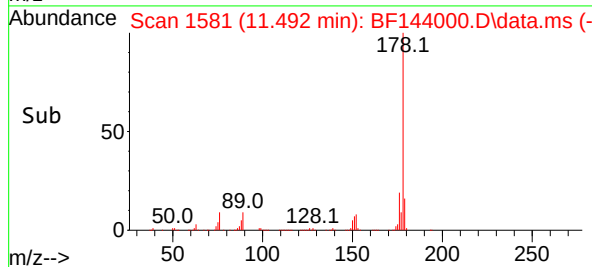
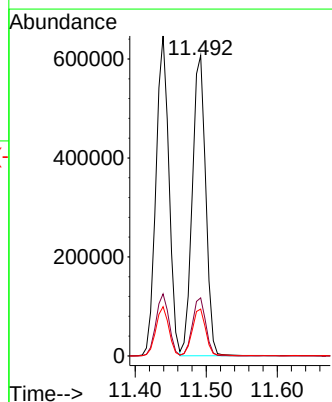
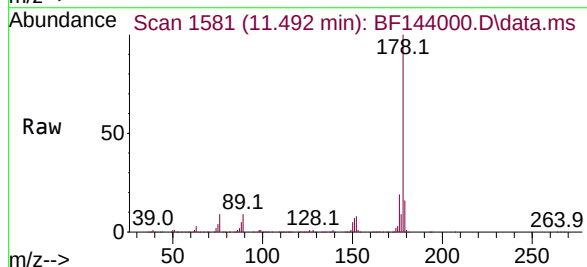
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

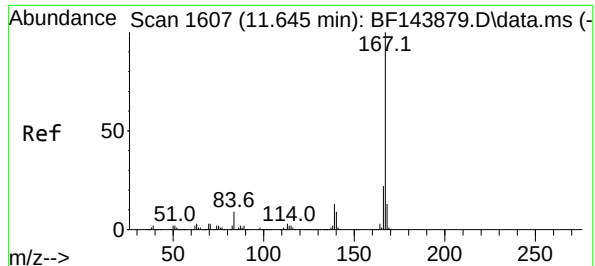
Tgt Ion	178	176	179
Resp:	818952		
Ion Ratio	100	19.4	15.4
Lower		15.9	12.4
Upper		23.9	18.6



#72
Anthracene
Concen: 51.001 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion	178	176	179
Resp:	795285		
Ion Ratio	100	19.3	15.6
Lower		14.9	12.2
Upper		22.3	18.2





#73

Carbazole

Concen: 48.737 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

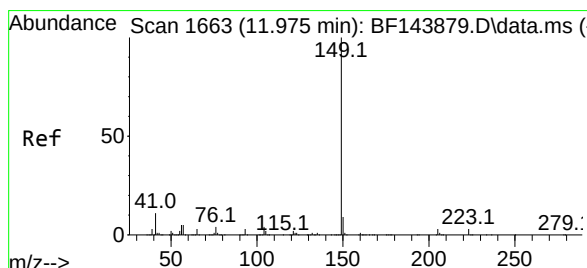
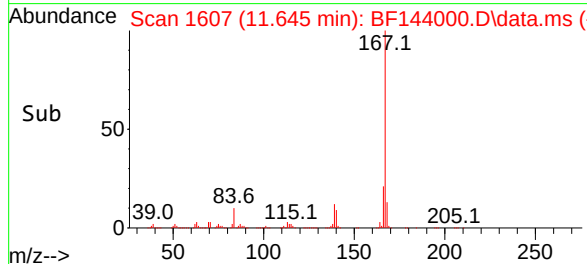
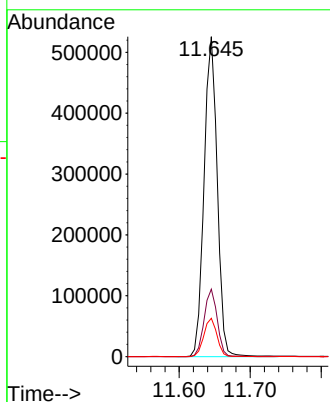
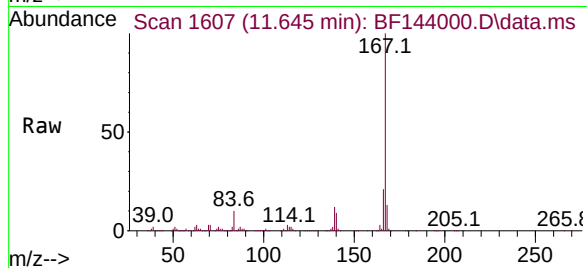
Tgt Ion:167 Resp: 673083

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 49.117 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

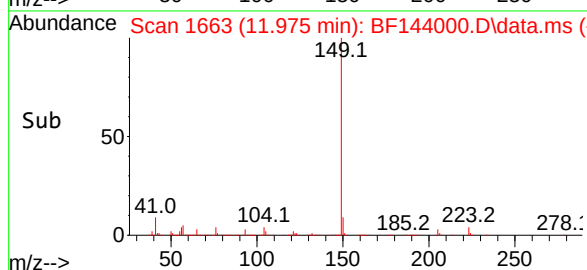
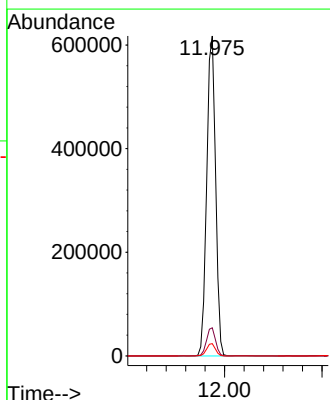
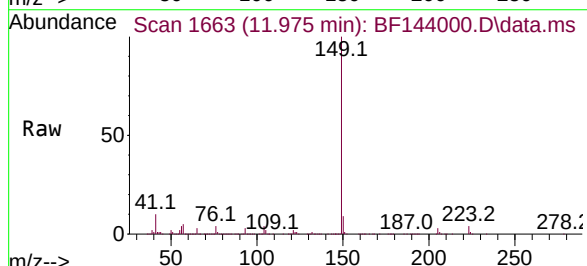
Tgt Ion:149 Resp: 786167

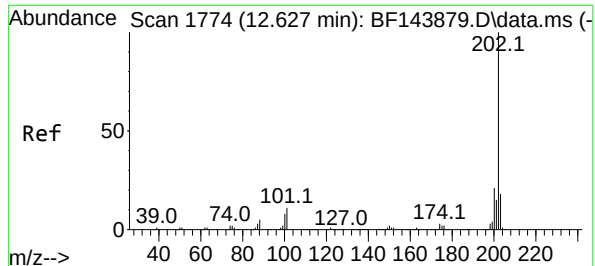
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 3.8 3.4 5.2





#75

Fluoranthene

Concen: 56.001 ng

RT: 12.633 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

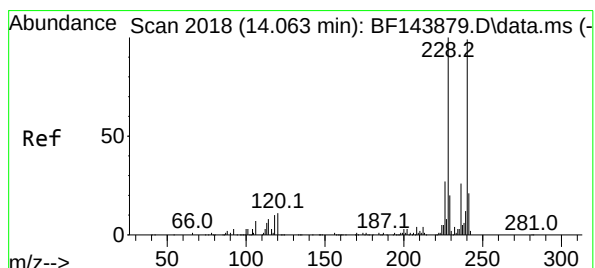
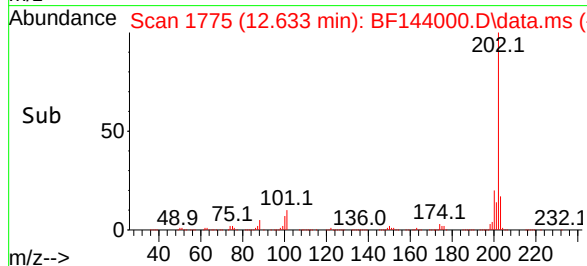
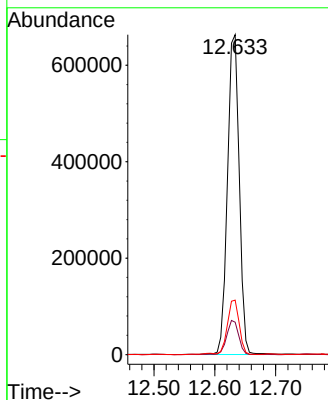
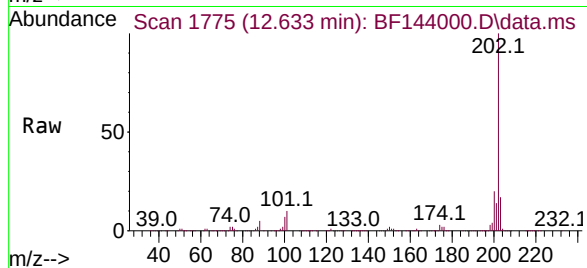
Tgt Ion:202 Resp: 892868

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

203 17.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

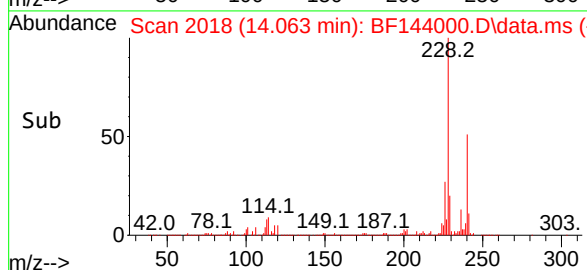
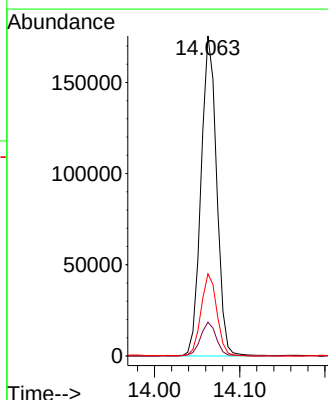
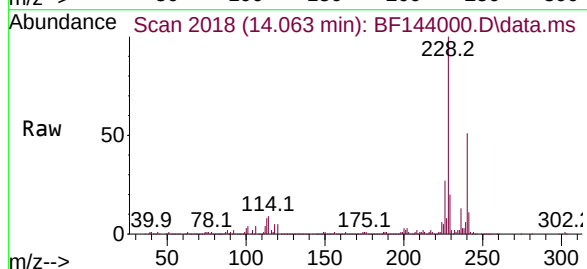
Tgt Ion:240 Resp: 223763

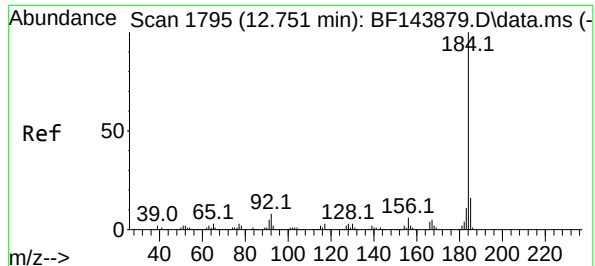
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.6 21.1 31.7





#77

Benzidine

Concen: 37.604 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

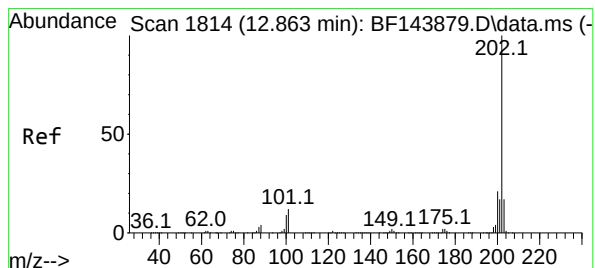
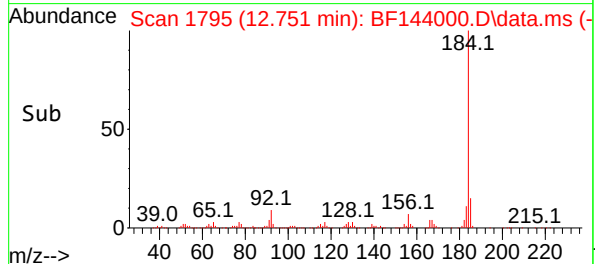
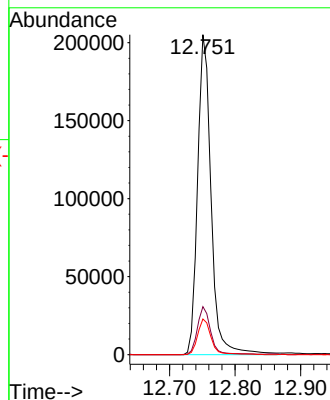
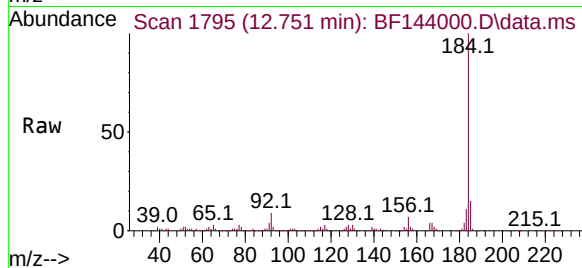
Tgt Ion:184 Resp: 292169

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 48.091 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

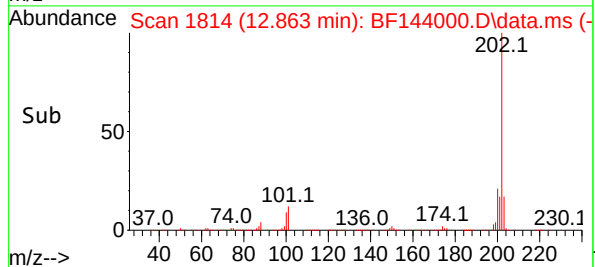
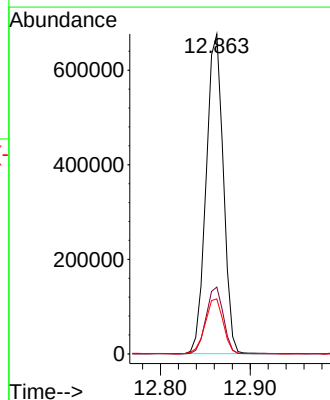
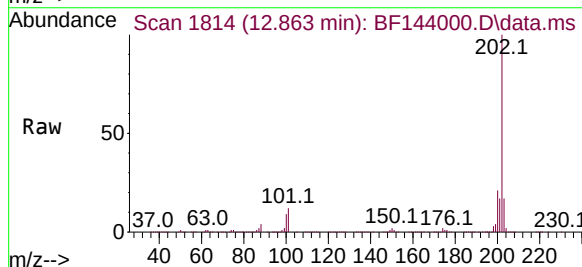
Tgt Ion:202 Resp: 897135

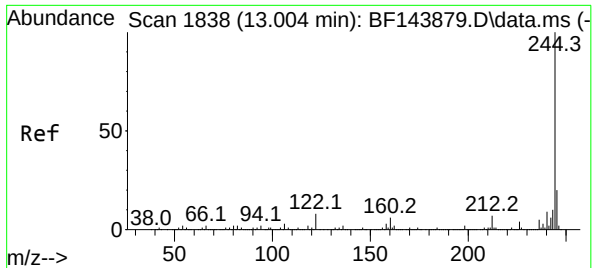
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 35.356 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

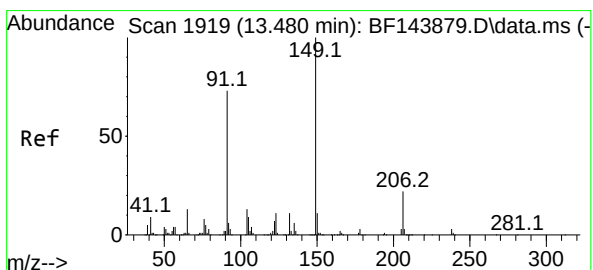
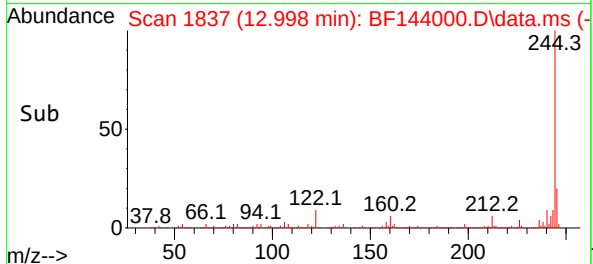
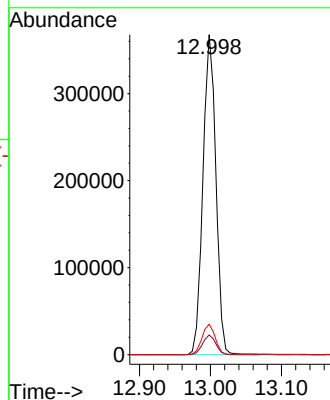
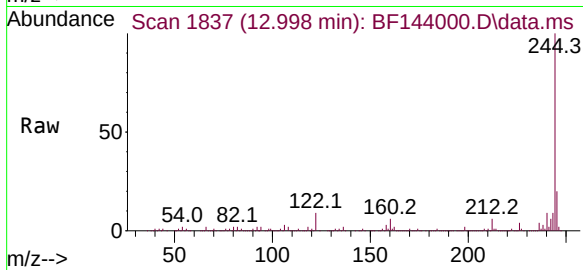
Tgt Ion:244 Resp: 462900

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

122 9.5 6.4 9.6



#80

Butylbenzylphthalate

Concen: 49.187 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

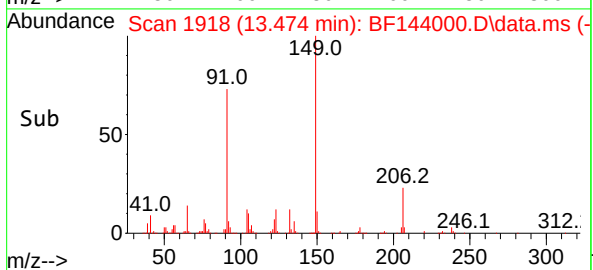
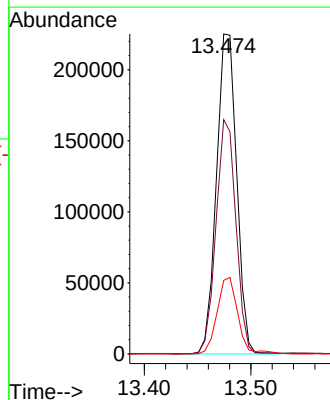
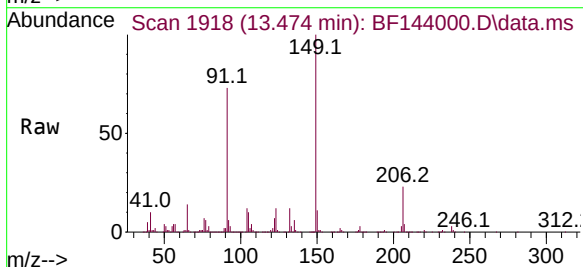
Tgt Ion:149 Resp: 297998

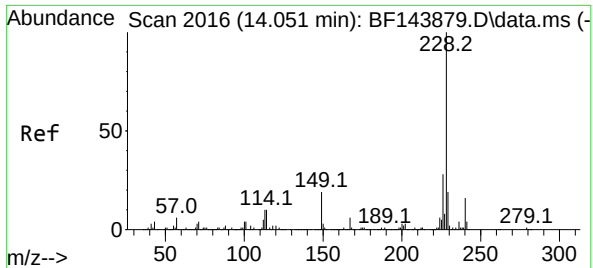
Ion Ratio Lower Upper

149 100

91 73.2 58.2 87.2

206 23.0 17.9 26.9





#81

Benzo(a)anthracene

Concen: 59.849 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

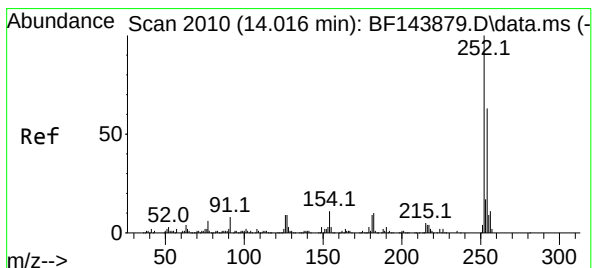
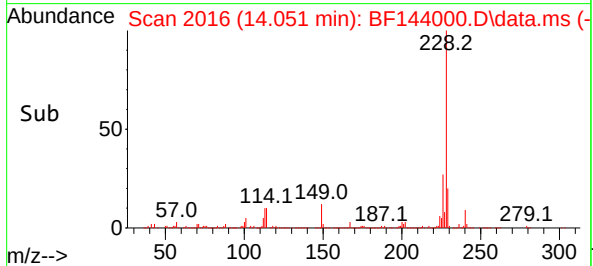
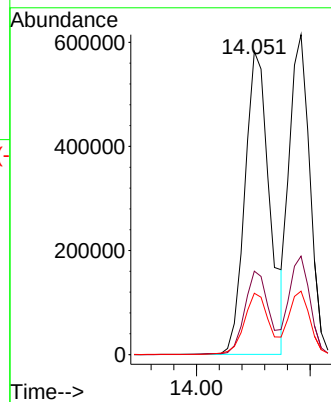
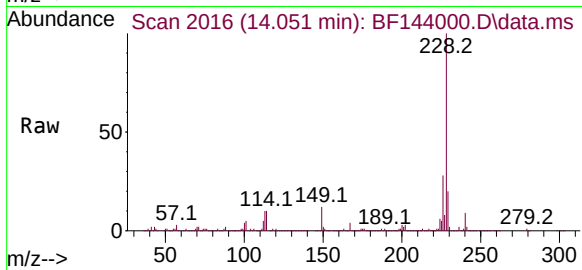
Tgt Ion:228 Resp: 876380

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 20.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 33.370 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

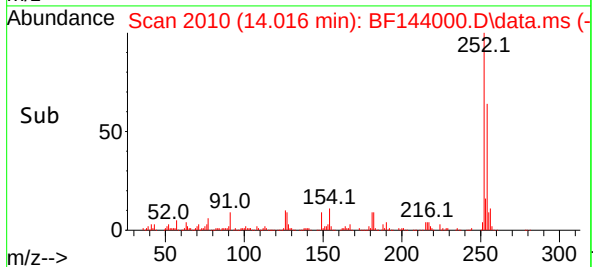
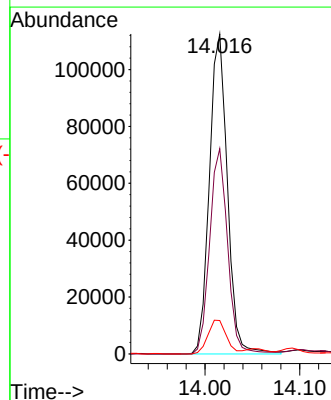
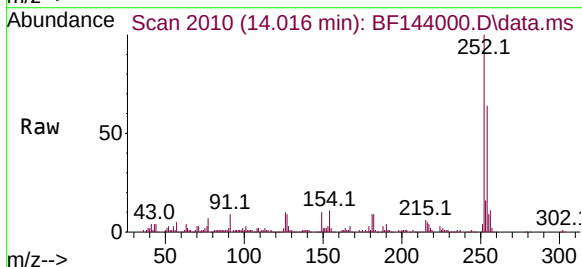
Tgt Ion:252 Resp: 148913

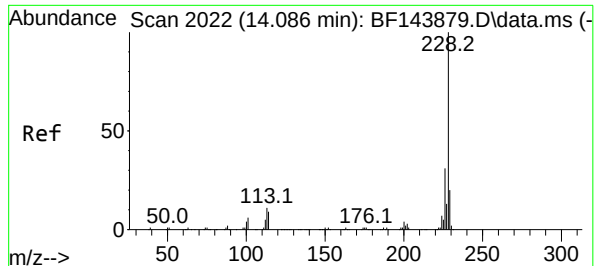
Ion Ratio Lower Upper

252 100

254 64.1 50.6 76.0

126 10.4 7.0 10.6





#83

Chrysene

Concen: 56.293 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

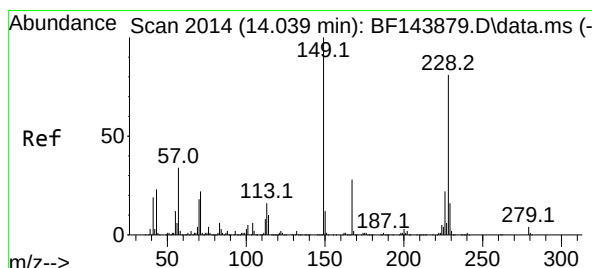
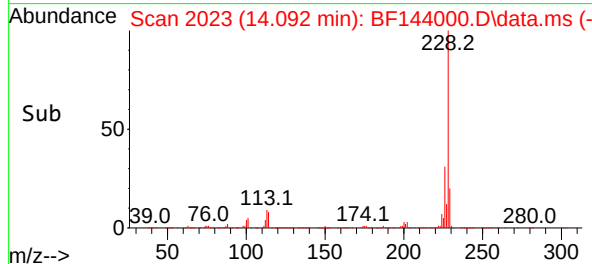
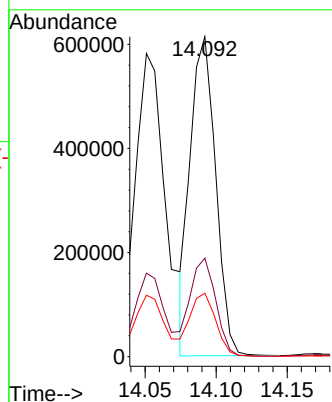
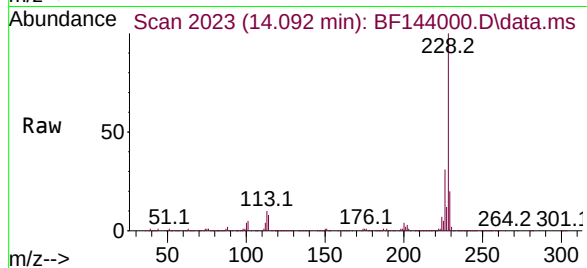
Tgt Ion:228 Resp: 762919

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.166 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

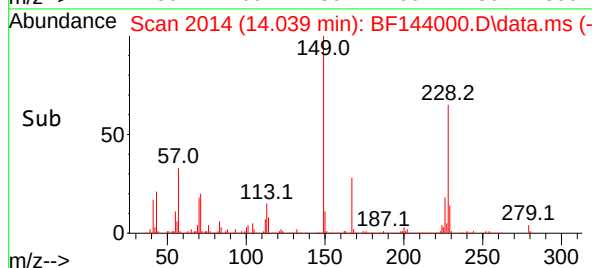
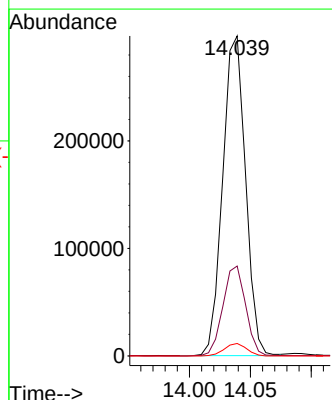
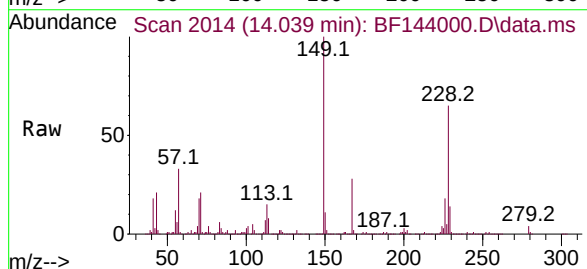
Tgt Ion:149 Resp: 388279

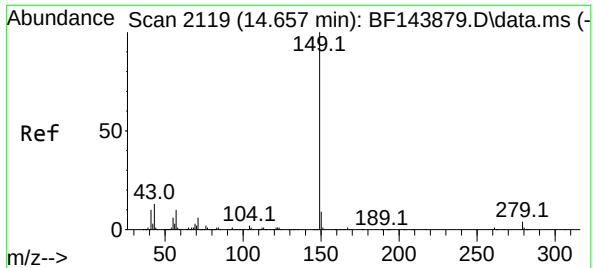
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 3.9 3.1 4.7

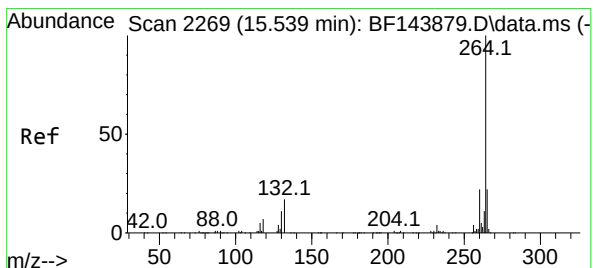
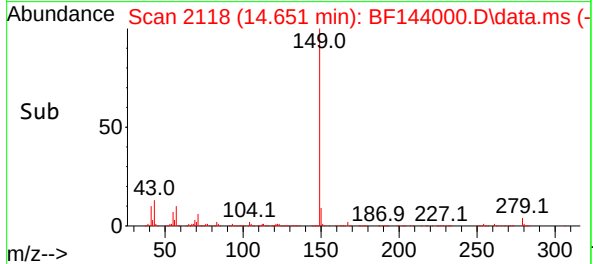
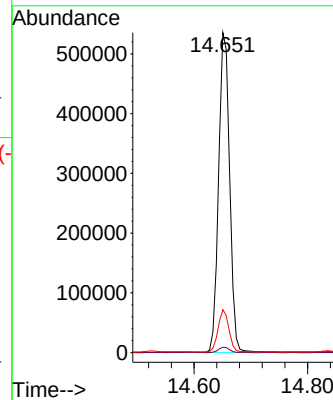
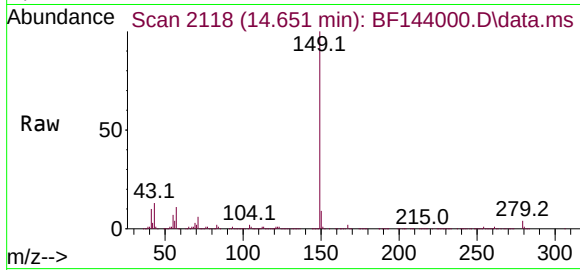




#85
Di-n-octyl phthalate
Concen: 60.181 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

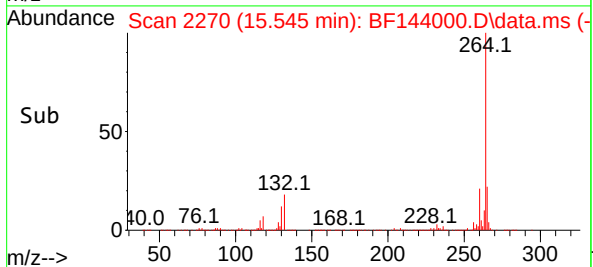
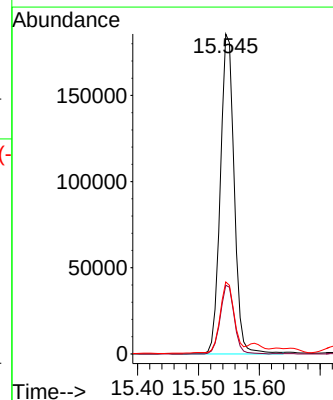
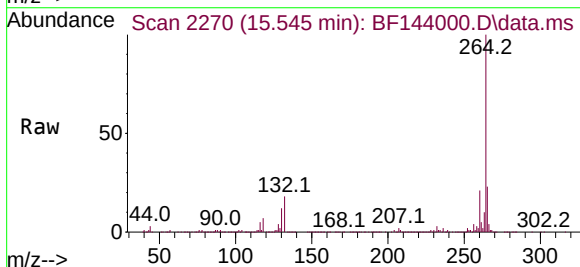
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

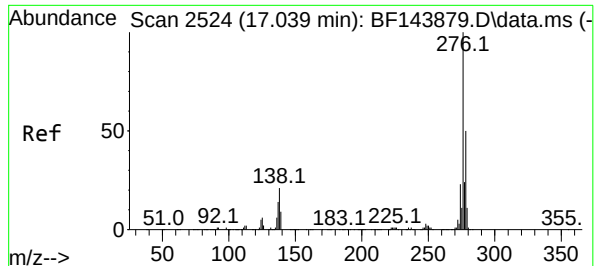
Tgt Ion:149 Resp: 721877
Ion Ratio Lower Upper
149 100
167 1.8 1.1 1.7#
43 13.1 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion:264 Resp: 294781
Ion Ratio Lower Upper
264 100
260 21.4 17.8 26.8
265 22.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.175 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

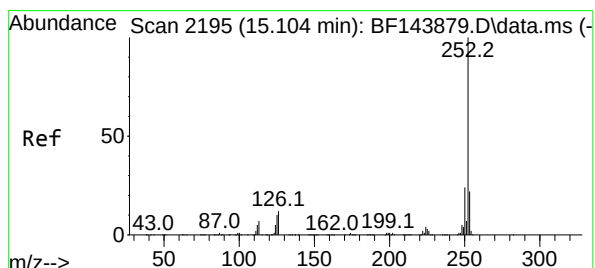
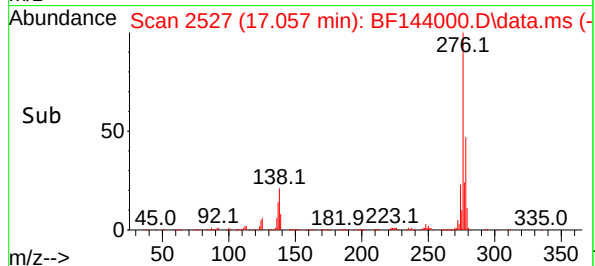
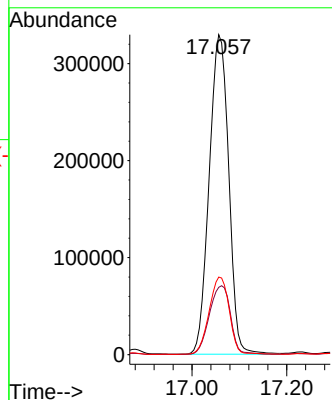
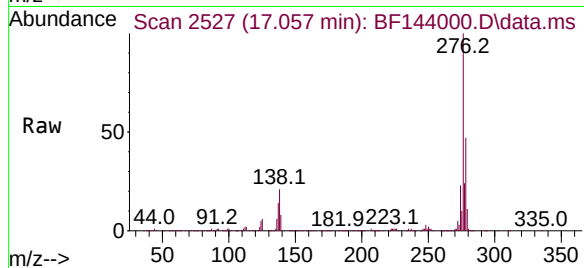
Tgt Ion:276 Resp: 942417

Ion Ratio Lower Upper

276 100

138 23.4 18.2 27.2

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 56.923 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

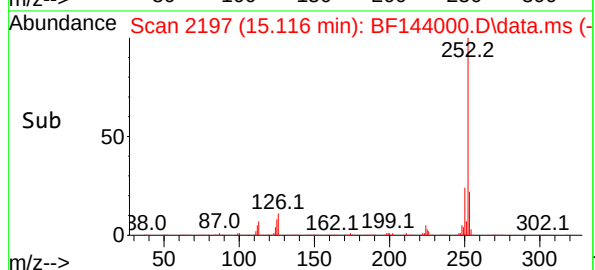
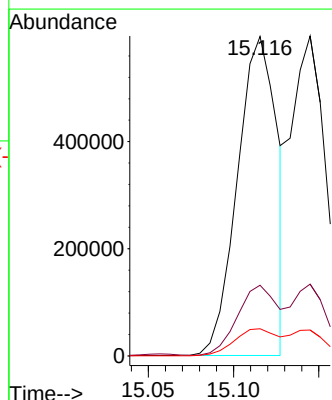
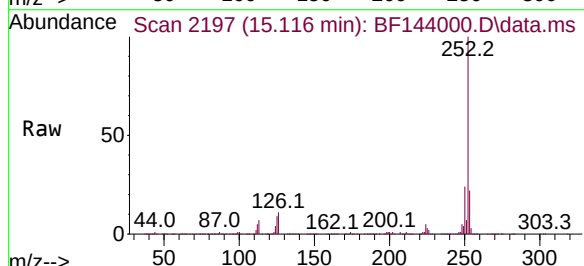
Tgt Ion:252 Resp: 963893

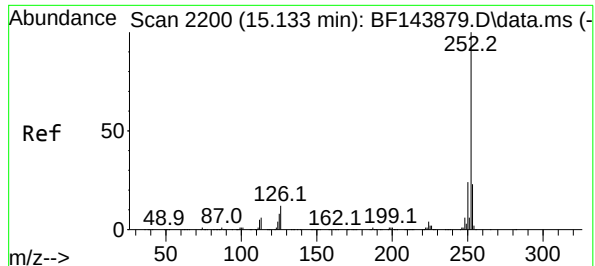
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 44.309 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA_F

ClientSampleId :

VNJ-245MS

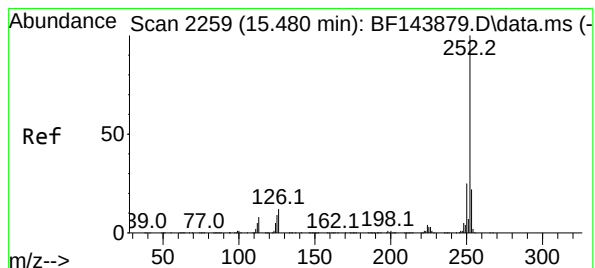
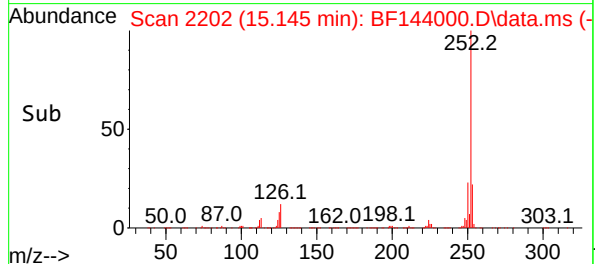
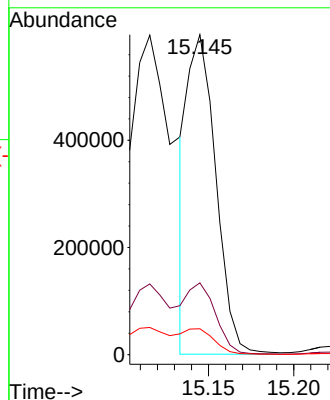
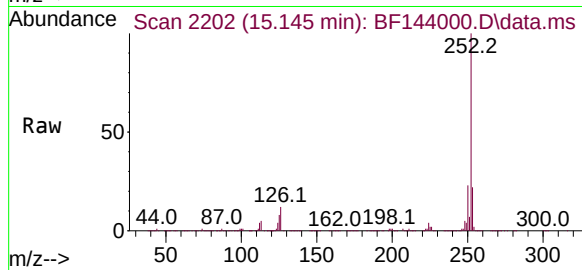
Tgt Ion:252 Resp: 694255

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 58.227 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

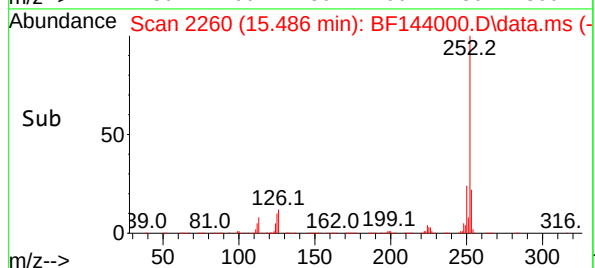
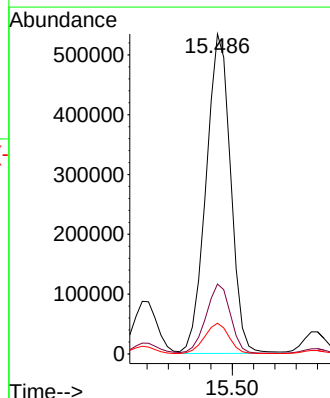
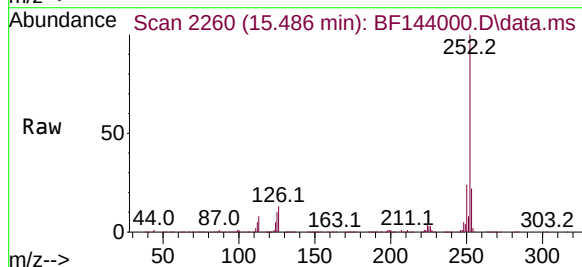
Tgt Ion:252 Resp: 854925

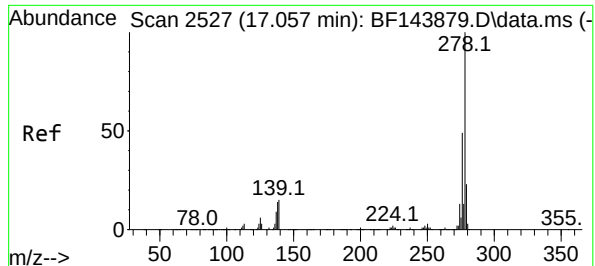
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.6 7.0 10.4

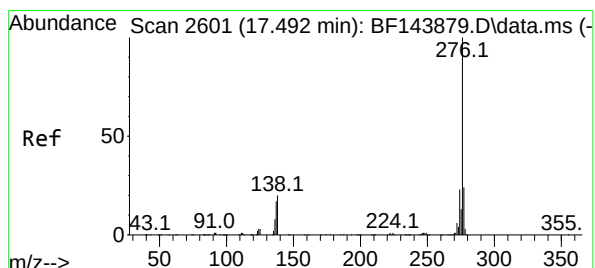
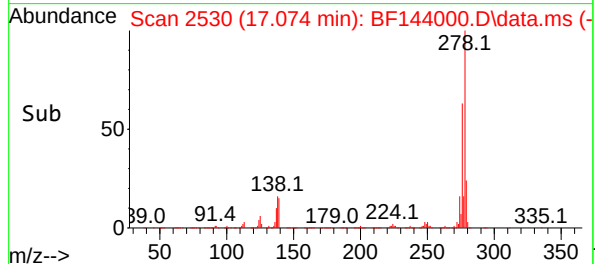
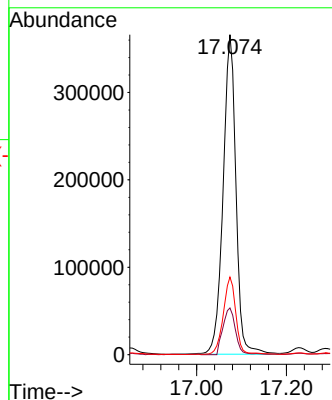
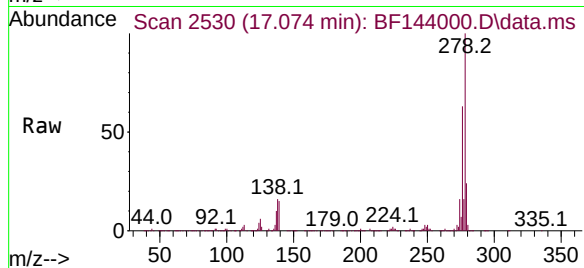




#91
Dibenzo(a,h)anthracene
Concen: 50.200 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

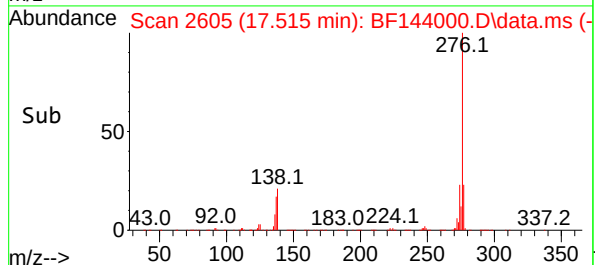
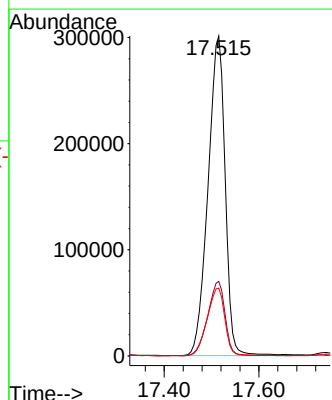
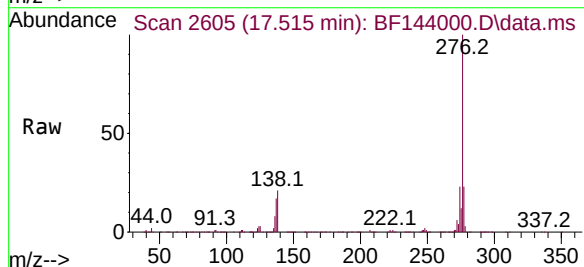
Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.2	18.4	27.6



#92
Benzo(g,h,i)perylene
Concen: 52.085 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF144000.D
Acq: 20 Oct 2025 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	21.2	16.1	24.1





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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VNJ-245MSD
Lab Sample ID: Q3381-03MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.02 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 81.6
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	660		1	110	240	ug/Kg	10/20/25 16:27	PB170165
108-95-2	Phenol	1200		1	16.2	120	ug/Kg	10/20/25 16:27	PB170165
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.9	120	ug/Kg	10/20/25 16:27	PB170165
95-57-8	2-Chlorophenol	1100		1	17.9	120	ug/Kg	10/20/25 16:27	PB170165
95-48-7	2-Methylphenol	1100		1	22.0	120	ug/Kg	10/20/25 16:27	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	27.6	120	ug/Kg	10/20/25 16:27	PB170165
98-86-2	Acetophenone	1200		1	21.7	120	ug/Kg	10/20/25 16:27	PB170165
65794-96-9	3+4-Methylphenols	1100		1	30.2	240	ug/Kg	10/20/25 16:27	PB170165
621-64-7	n-Nitroso-di-n-propylamine	1000		1	34.8	58.8	ug/Kg	10/20/25 16:27	PB170165
67-72-1	Hexachloroethane	1100		1	12.9	120	ug/Kg	10/20/25 16:27	PB170165
98-95-3	Nitrobenzene	1200		1	13.5	120	ug/Kg	10/20/25 16:27	PB170165
78-59-1	Isophorone	1100		1	24.1	120	ug/Kg	10/20/25 16:27	PB170165
88-75-5	2-Nitrophenol	1300		1	42.8	120	ug/Kg	10/20/25 16:27	PB170165
105-67-9	2,4-Dimethylphenol	1200		1	47.6	120	ug/Kg	10/20/25 16:27	PB170165
111-91-1	bis(2-Chloroethoxy)methane	1100		1	22.6	120	ug/Kg	10/20/25 16:27	PB170165
120-83-2	2,4-Dichlorophenol	1100		1	20.8	120	ug/Kg	10/20/25 16:27	PB170165
91-20-3	Naphthalene	1100		1	16.7	120	ug/Kg	10/20/25 16:27	PB170165
106-47-8	4-Chloroaniline	480		1	26.0	120	ug/Kg	10/20/25 16:27	PB170165
87-68-3	Hexachlorobutadiene	1100		1	18.6	120	ug/Kg	10/20/25 16:27	PB170165
105-60-2	Caprolactam	1100		1	38.3	240	ug/Kg	10/20/25 16:27	PB170165
59-50-7	4-Chloro-3-methylphenol	1100		1	21.1	120	ug/Kg	10/20/25 16:27	PB170165
91-57-6	2-Methylnaphthalene	1000		1	18.8	120	ug/Kg	10/20/25 16:27	PB170165
77-47-4	Hexachlorocyclopentadiene	2400	E	1	85.3	240	ug/Kg	10/20/25 16:27	PB170165
88-06-2	2,4,6-Trichlorophenol	1100		1	14.6	120	ug/Kg	10/20/25 16:27	PB170165
95-95-4	2,4,5-Trichlorophenol	1100		1	21.4	120	ug/Kg	10/20/25 16:27	PB170165
92-52-4	1,1-Biphenyl	1300		1	16.0	120	ug/Kg	10/20/25 16:27	PB170165
91-58-7	2-Chloronaphthalene	1100		1	16.5	120	ug/Kg	10/20/25 16:27	PB170165
88-74-4	2-Nitroaniline	1200		1	35.4	120	ug/Kg	10/20/25 16:27	PB170165
131-11-3	Dimethylphthalate	1100		1	19.9	120	ug/Kg	10/20/25 16:27	PB170165
208-96-8	Acenaphthylene	1300		1	21.2	120	ug/Kg	10/20/25 16:27	PB170165
606-20-2	2,6-Dinitrotoluene	1300		1	24.7	120	ug/Kg	10/20/25 16:27	PB170165
99-09-2	3-Nitroaniline	720		1	33.8	120	ug/Kg	10/20/25 16:27	PB170165
83-32-9	Acenaphthene	1200		1	15.7	120	ug/Kg	10/20/25 16:27	PB170165
51-28-5	2,4-Dinitrophenol	1500		1	170	240	ug/Kg	10/20/25 16:27	PB170165
100-02-7	4-Nitrophenol	2000	E	1	78.6	240	ug/Kg	10/20/25 16:27	PB170165
132-64-9	Dibenzofuran	1100		1	16.7	120	ug/Kg	10/20/25 16:27	PB170165
121-14-2	2,4-Dinitrotoluene	1300		1	36.8	120	ug/Kg	10/20/25 16:27	PB170165
84-66-2	Diethylphthalate	1100		1	20.8	120	ug/Kg	10/20/25 16:27	PB170165
7005-72-3	4-Chlorophenyl-phenylether	1100		1	19.6	120	ug/Kg	10/20/25 16:27	PB170165
86-73-7	Fluorene	1100		1	18.6	120	ug/Kg	10/20/25 16:27	PB170165
100-01-6	4-Nitroaniline	1000		1	47.2	120	ug/Kg	10/20/25 16:27	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	1100		1	75.7	240	ug/Kg	10/20/25 16:27	PB170165

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: VNJ-245MSD
 Lab Sample ID: Q3381-03MSD
 Analytical Method: 8270E Level : LOW
 Sample Wt/Vol: 50.02 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25
 Date Received: 10/17/25
 SDG No.: Q3375
 Matrix: SOIL
 % Solid: 81.6
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1300	1	24.2		120	ug/Kg	10/20/25 16:27	PB170165
101-55-3	4-Bromophenyl-phenylether	1200	1	20.4		120	ug/Kg	10/20/25 16:27	PB170165
118-74-1	Hexachlorobenzene	1200	1	18.6		120	ug/Kg	10/20/25 16:27	PB170165
1912-24-9	Atrazine	1200	1	25.0		120	ug/Kg	10/20/25 16:27	PB170165
87-86-5	Pentachlorophenol	1900	1	37.7		240	ug/Kg	10/20/25 16:27	PB170165
85-01-8	Phenanthrene	1300	1	15.4		120	ug/Kg	10/20/25 16:27	PB170165
120-12-7	Anthracene	1200	1	24.5		120	ug/Kg	10/20/25 16:27	PB170165
86-74-8	Carbazole	1200	1	22.9		120	ug/Kg	10/20/25 16:27	PB170165
84-74-2	Di-n-butylphthalate	1100	1	35.2		120	ug/Kg	10/20/25 16:27	PB170165
206-44-0	Fluoranthene	1300	1	22.1		120	ug/Kg	10/20/25 16:27	PB170165
129-00-0	Pyrene	1100	1	26.5		120	ug/Kg	10/20/25 16:27	PB170165
85-68-7	Butylbenzylphthalate	1100	1	52.5		120	ug/Kg	10/20/25 16:27	PB170165
91-94-1	3,3-Dichlorobenzidine	810	1	27.0		240	ug/Kg	10/20/25 16:27	PB170165
56-55-3	Benzo(a)anthracene	1400	1	16.9		120	ug/Kg	10/20/25 16:27	PB170165
218-01-9	Chrysene	1400	1	14.6		120	ug/Kg	10/20/25 16:27	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	1200	1	43.5		120	ug/Kg	10/20/25 16:27	PB170165
117-84-0	Di-n-octyl phthalate	1400	1	63.8		240	ug/Kg	10/20/25 16:27	PB170165
205-99-2	Benzo(b)fluoranthene	1400	1	14.0		120	ug/Kg	10/20/25 16:27	PB170165
207-08-9	Benzo(k)fluoranthene	1200	1	16.5		120	ug/Kg	10/20/25 16:27	PB170165
50-32-8	Benzo(a)pyrene	1400	1	21.7		120	ug/Kg	10/20/25 16:27	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	1300	1	21.4		120	ug/Kg	10/20/25 16:27	PB170165
53-70-3	Dibenzo(a,h)anthracene	1200	1	20.1		120	ug/Kg	10/20/25 16:27	PB170165
191-24-2	Benzo(g,h,i)perylene	1300	1	18.9		120	ug/Kg	10/20/25 16:27	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	1	18.8		120	ug/Kg	10/20/25 16:27	PB170165
123-91-1	1,4-Dioxane	1100	1	33.2		120	ug/Kg	10/20/25 16:27	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	1100	1	20.1		120	ug/Kg	10/20/25 16:27	PB170165

SURROGATES

367-12-4	2-Fluorophenol	67.2		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	68.8		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.4		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	32.2		20 - 109	32%	SPK: 100
118-79-6	2,4,6-Tribromophenol	55.9		10 - 116	37%	SPK: 150
1718-51-0	Terphenyl-d14	32.9		10 - 105	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	100000
1146-65-2	Naphthalene-d8	372000
15067-26-2	Acenaphthene-d10	193000
1517-22-2	Phenanthrene-d10	293000
1719-03-5	Chrysene-d12	212000
1520-96-3	Perylene-d12	285000

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	VNJ-245MSD	SDG No.:	Q3375
Lab Sample ID:	Q3381-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.6
Sample Wt/Vol:	50.02 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
------------	-----------	-------	------	----	-----	------------	-------	-----------	--------------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF144001.D
 Acq On : 20 Oct 2025 16:27
 Operator : RC/JU
 Sample : Q3381-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 17:06:42 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	100371	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	371973	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	192676	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	292615	20.000	ng	0.00
76) Chrysene-d12	14.063	240	212179	20.000	ng	0.00
86) Perylene-d12	15.545	264	285074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	424824	67.212	ng	0.00
7) Phenol-d6	6.504	99	517974	68.752	ng	-0.01
23) Nitrobenzene-d5	7.439	82	284005	46.387	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	107308	55.916	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	390476	32.157	ng	-0.01
79) Terphenyl-d14	12.998	244	408851	32.932	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	132978	45.465	ng	95
3) Pyridine	3.457	79	362899	42.620	ng	99
4) n-Nitrosodimethylamine	3.410	42	204444	45.643	ng	91
6) Aniline	6.545	93	347828	30.810	ng	100
8) 2-Chlorophenol	6.663	128	280357	45.377	ng	100
9) Benzaldehyde	6.434	77	156420	26.915	ng	99
10) Phenol	6.522	94	424504	47.130	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	315460	45.340	ng	99
12) 1,3-Dichlorobenzene	6.822	146	334706	45.257	ng	100
13) 1,4-Dichlorobenzene	6.898	146	341886	46.864	ng	99
14) 1,2-Dichlorobenzene	7.051	146	325929	46.644	ng	99
15) Benzyl Alcohol	7.022	79	266849	47.273	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	726312	45.861	ng	99
17) 2-Methylphenol	7.128	107	230786	45.198	ng	99
18) Hexachloroethane	7.392	117	110583	45.453	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	216667	42.014	ng	98
20) 3+4-Methylphenols	7.281	107	267791	45.251	ng	# 84
22) Acetophenone	7.287	105	397242	50.507	ng	97
24) Nitrobenzene	7.463	77	330200	48.565	ng	97
25) Isophorone	7.698	82	581778	45.065	ng	100
26) 2-Nitrophenol	7.781	139	156521	53.695	ng	96
27) 2,4-Dimethylphenol	7.810	122	262595	50.078	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	370290	45.407	ng	99
29) 2,4-Dichlorophenol	8.022	162	248700	45.533	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	257772	47.986	ng	98
31) Naphthalene	8.186	128	770212	45.519	ng	100
32) Benzoic acid	7.928	122	153108	42.190	ng	97
33) 4-Chloroaniline	8.234	127	123347	19.437	ng	98
34) Hexachlorobutadiene	8.304	225	171103	45.837	ng	99
35) Caprolactam	8.598	113	78209	45.033	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	234233	44.644	ng	98
37) 2-Methylnaphthalene	8.875	142	462308	41.016	ng	99
38) 1-Methylnaphthalene	8.975	142	470408	43.027	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	270457	50.787	ng	97
41) Hexachlorocyclopentadiene	9.028	237	217287	98.353	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	177052	45.503	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF144001.D
 Acq On : 20 Oct 2025 16:27
 Operator : RC/JU
 Sample : Q3381-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 17:06:42 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	190334	46.289	ng	99
46) 1,1'-Biphenyl	9.339	154	651603	51.079	ng	98
47) 2-Chloronaphthalene	9.369	162	499056	46.921	ng	97
48) 2-Nitroaniline	9.463	65	169406	50.378	ng	96
49) Acenaphthylene	9.786	152	769139	51.437	ng	100
50) Dimethylphthalate	9.639	163	560326	45.794	ng	100
51) 2,6-Dinitrotoluene	9.704	165	121807	53.686	ng	95
52) Acenaphthene	9.957	154	460729	47.023	ng	99
53) 3-Nitroaniline	9.875	138	81500	29.336	ng	98
54) 2,4-Dinitrophenol	9.980	184	80393	59.400	ng	# 90
55) Dibenzofuran	10.128	168	631465	45.656	ng	99
56) 4-Nitrophenol	10.033	139	170624	81.114	ng	100
57) 2,4-Dinitrotoluene	10.110	165	162114	52.513	ng	96
58) Fluorene	10.475	166	473608	45.380	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133421m	45.838	ng	
60) Diethylphthalate	10.339	149	495909	43.627	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	240577	43.601	ng	98
62) 4-Nitroaniline	10.486	138	113819	42.604	ng	97
63) Azobenzene	10.622	77	563873	47.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	67967	46.221	ng	100
66) n-Nitrosodiphenylamine	10.580	169	472341	51.409	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	153366	47.425	ng	99
68) Hexachlorobenzene	11.022	284	180006	48.080	ng	99
69) Atrazine	11.110	200	139405	50.060	ng	99
70) Pentachlorophenol	11.216	266	168895	78.548	ng	99
71) Phenanthrene	11.439	178	755154	53.232	ng	99
72) Anthracene	11.492	178	725510	50.624	ng	100
73) Carbazole	11.645	167	609788	48.042	ng	99
74) Di-n-butylphthalate	11.974	149	686989	46.700	ng	99
75) Fluoranthene	12.627	202	806849	55.063	ng	99
77) Benzidine	12.751	184	256163	34.770	ng	98
78) Pyrene	12.857	202	808534	45.708	ng	99
80) Butylbenzylphthalate	13.474	149	261316	45.487	ng	99
81) Benzo(a)anthracene	14.051	228	772965	55.669	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	139179	32.891	ng	95
83) Chrysene	14.092	228	756901	58.898	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	348219	50.284	ng	98
85) Di-n-octyl phthalate	14.651	149	651511	57.280	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	912509	52.240	ng	99
88) Benzo(b)fluoranthene	15.115	252	922382	56.327	ng	99
89) Benzo(k)fluoranthene	15.145	252	765145	50.496	ng	99
90) Benzo(a)pyrene	15.486	252	802881	56.544	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	711497	50.645	ng	100
92) Benzo(g,h,i)perylene	17.509	276	729280	51.911	ng	98

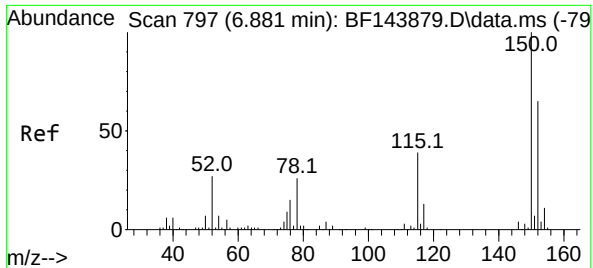
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED

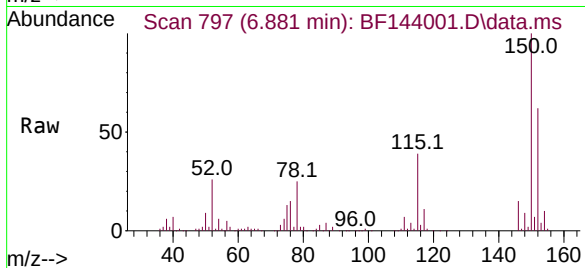
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

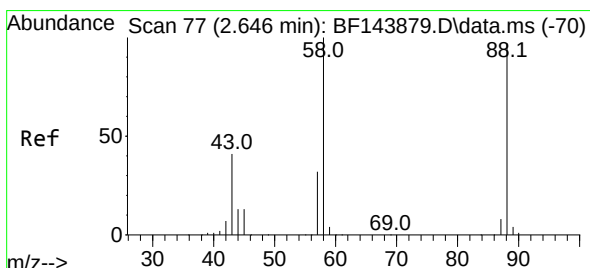
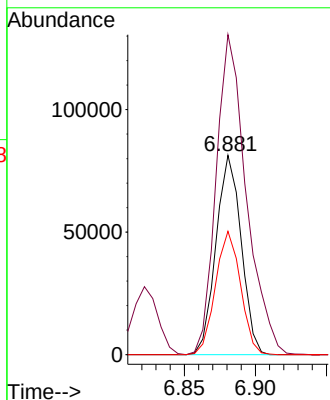
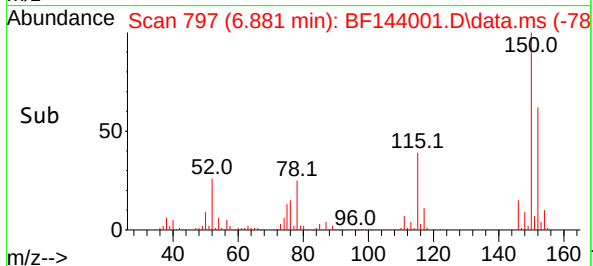
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



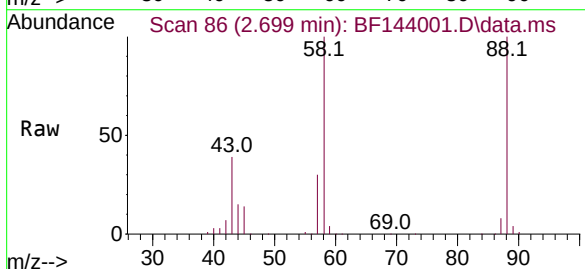
Tgt Ion:152 Resp: 100371
Ion Ratio Lower Upper
152 100
150 160.6 124.4 186.6
115 61.9 48.1 72.1

Manual Integrations
APPROVED

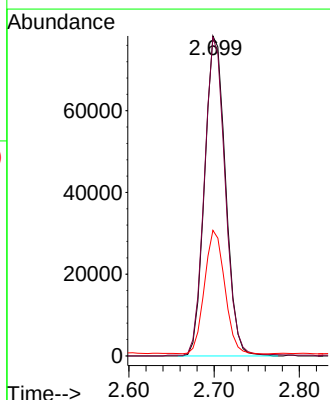
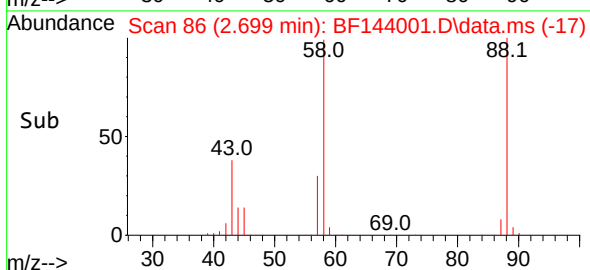
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

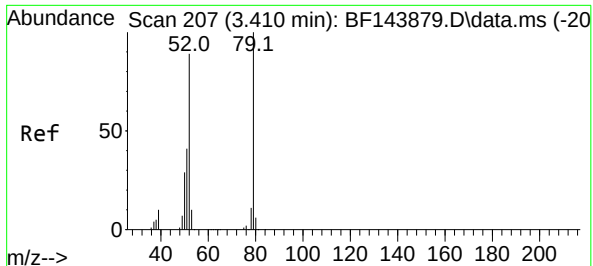


#2
1,4-Dioxane
Concen: 45.465 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.053 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



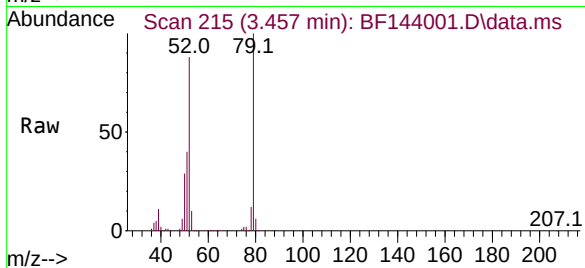
Tgt Ion: 88 Resp: 132978
Ion Ratio Lower Upper
88 100
58 99.9 83.0 124.6
43 37.6 33.9 50.9





#3
Pyridine
Concen: 42.620 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

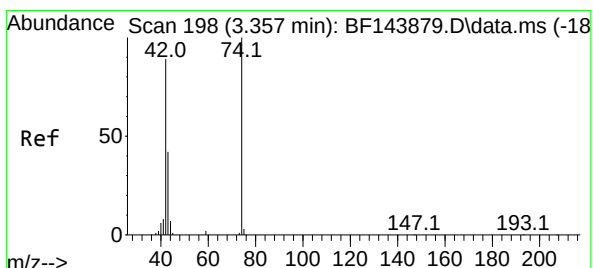
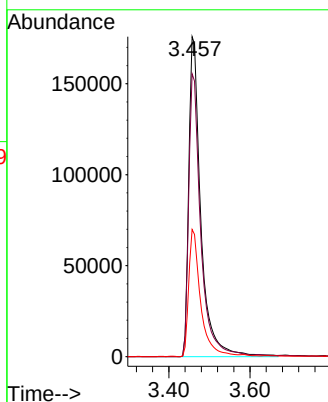
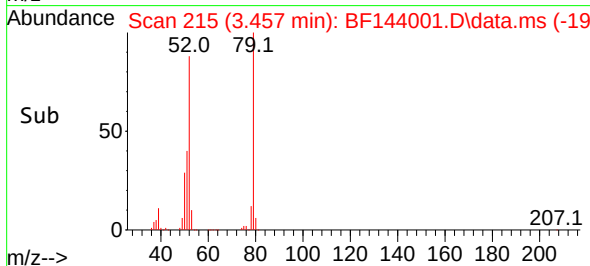
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion: 79 Resp: 362899
Ion Ratio Lower Upper
79 100
52 88.4 71.5 107.3
51 39.7 32.9 49.3

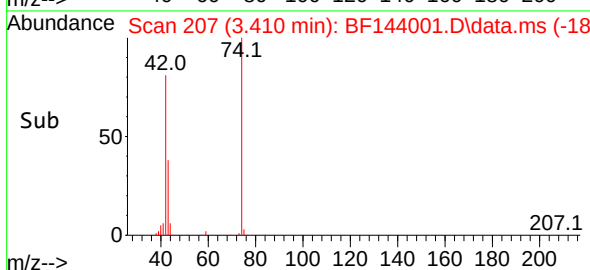
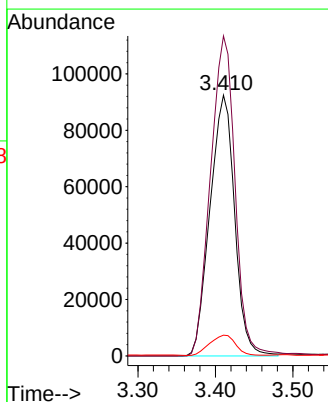
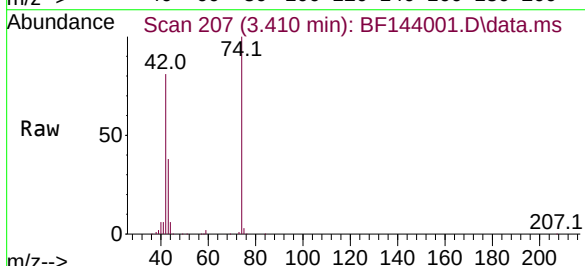
Manual Integrations
APPROVED

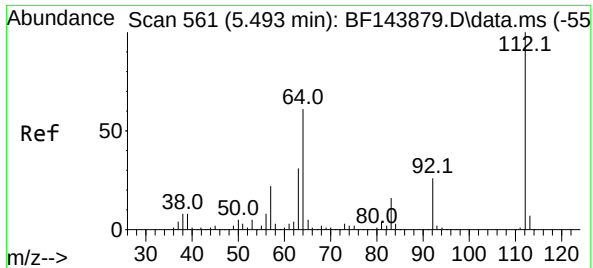
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#4
n-Nitrosodimethylamine
Concen: 45.643 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.024 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 42 Resp: 204444
Ion Ratio Lower Upper
42 100
74 122.8 90.0 135.0
44 8.0 6.2 9.2





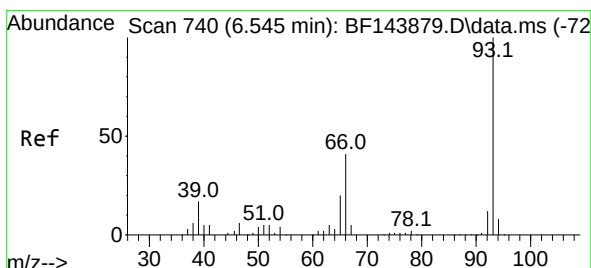
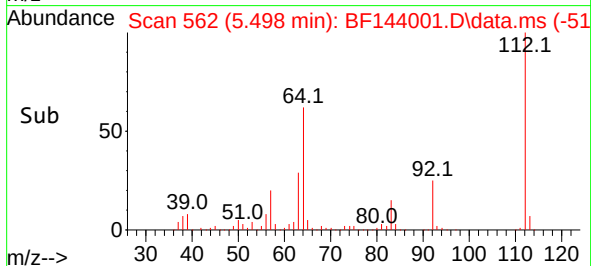
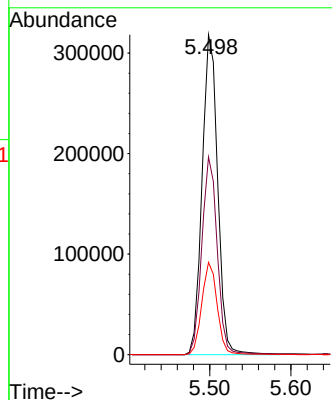
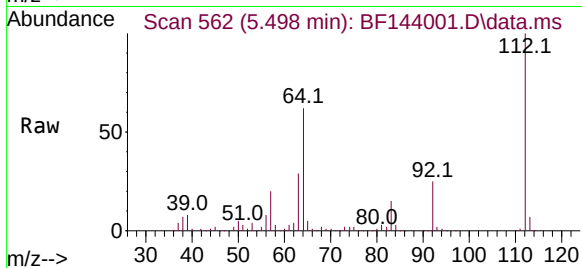
#5
2-Fluorophenol
Concen: 67.212 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Tgt Ion:112 Resp: 424824
Ion Ratio Lower Upper
112 100
64 61.8 49.1 73.7
63 28.8 24.5 36.7

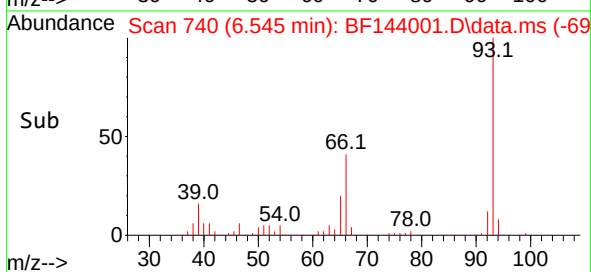
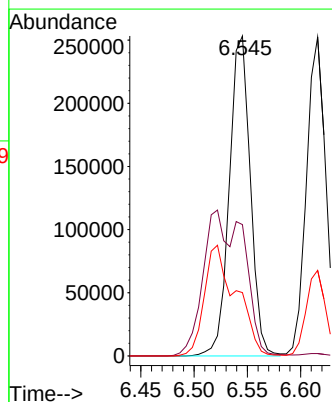
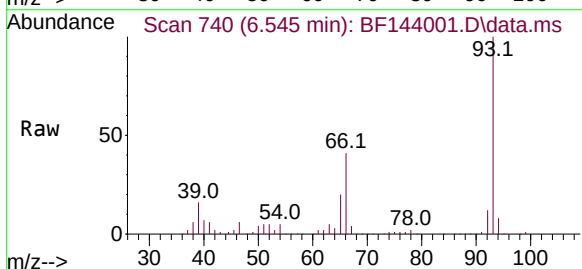
Manual Integrations
APPROVED

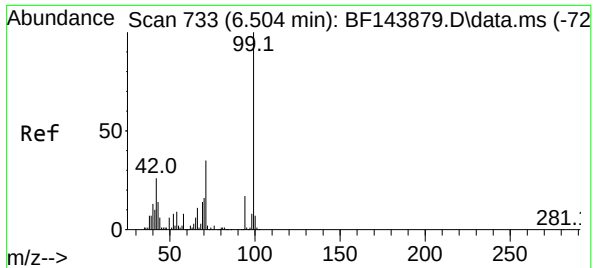
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#6
Aniline
Concen: 30.810 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

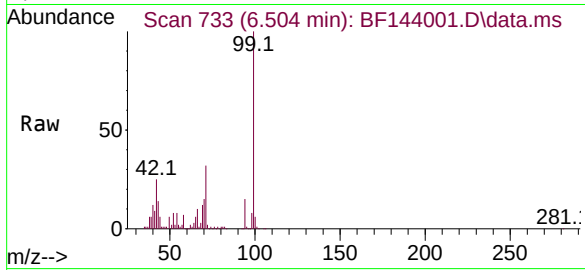
Tgt Ion: 93 Resp: 347828
Ion Ratio Lower Upper
93 100
66 41.0 33.0 49.6
65 19.8 15.8 23.8





#7
Phenol-d6
Concen: 68.752 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

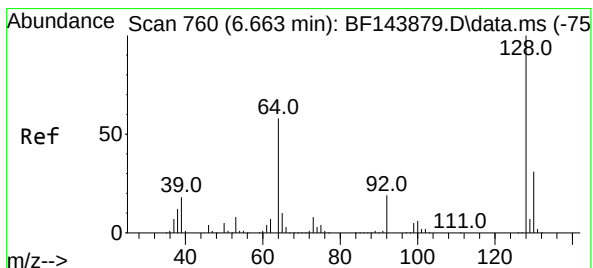
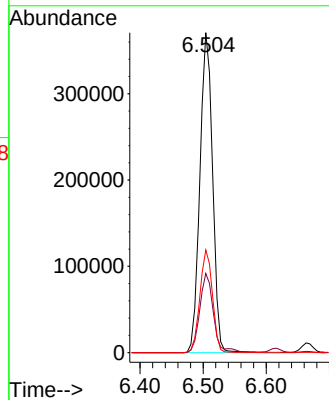
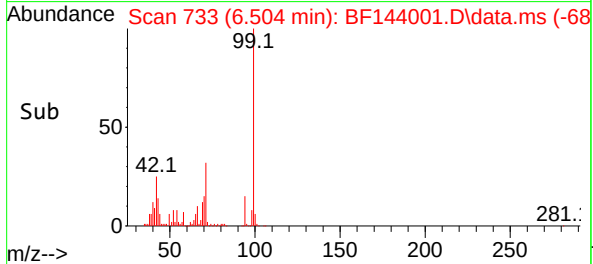
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion: 99 Resp: 517974
Ion Ratio Lower Upper
99 100
42 24.7 21.0 31.4
71 32.1 27.8 41.8

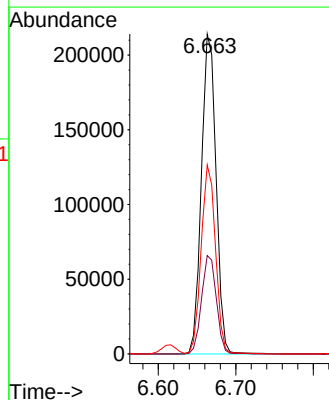
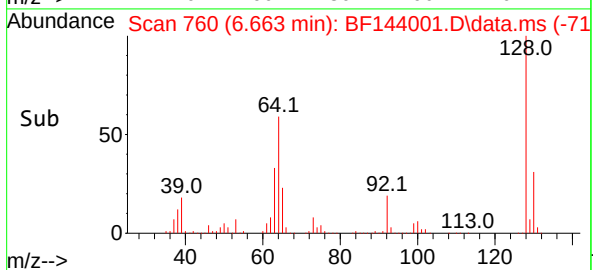
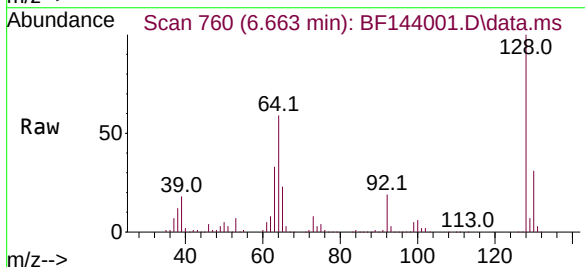
Manual Integrations
APPROVED

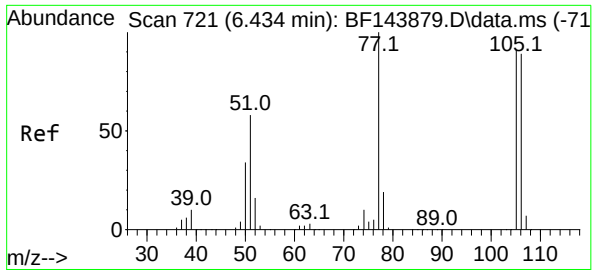
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#8
2-Chlorophenol
Concen: 45.377 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

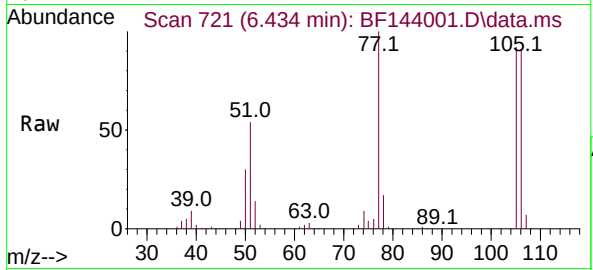
Tgt Ion:128 Resp: 280357
Ion Ratio Lower Upper
128 100
130 30.7 10.7 50.7
64 59.1 39.0 79.0





#9
Benzaldehyde
Concen: 26.915 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

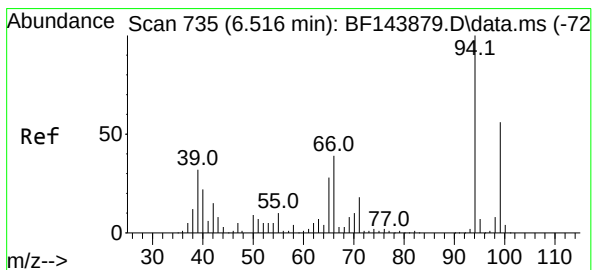
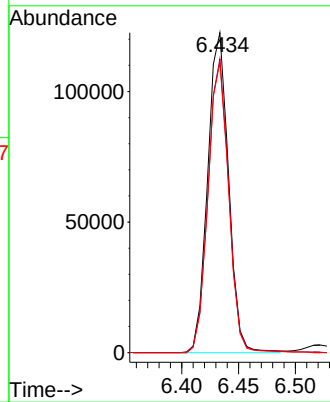
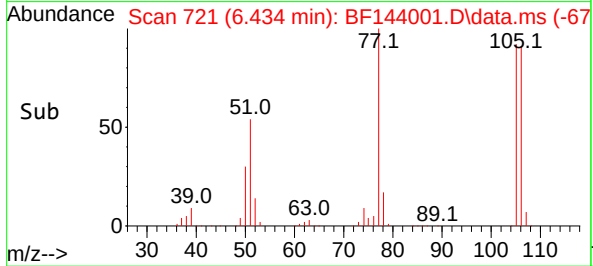
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion: 77 Resp: 156420
Ion Ratio Lower Upper
77 100
105 91.8 70.9 110.9
106 90.7 68.9 108.9

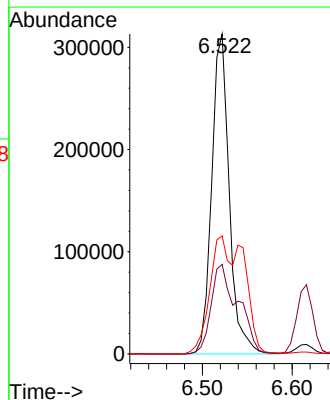
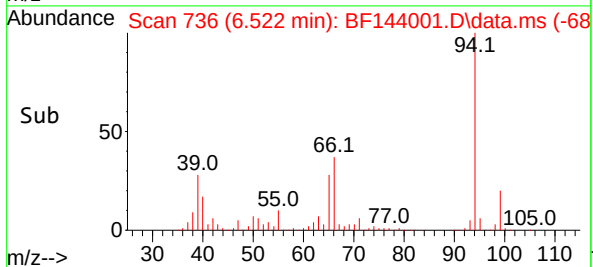
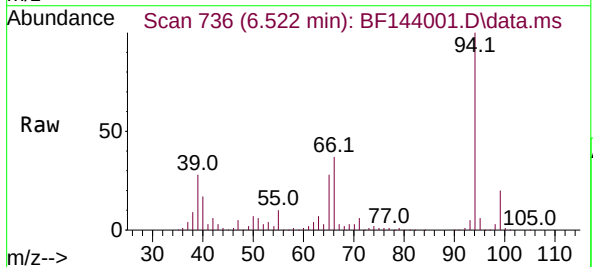
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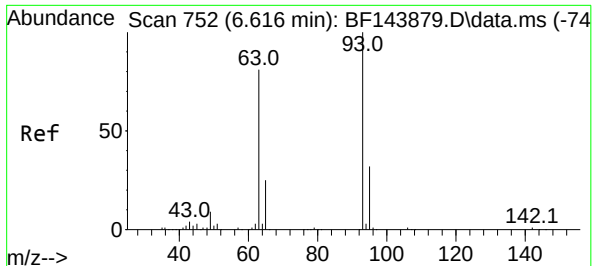
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#10
Phenol
Concen: 47.130 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 94 Resp: 424504
Ion Ratio Lower Upper
94 100
65 28.0 8.5 48.5
66 36.9 19.9 59.9





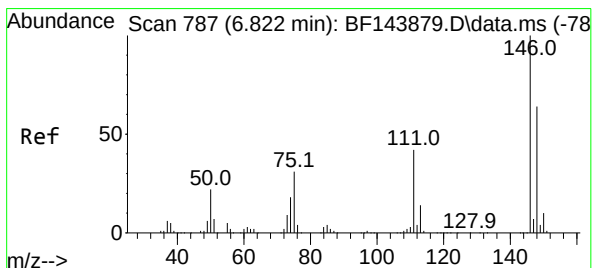
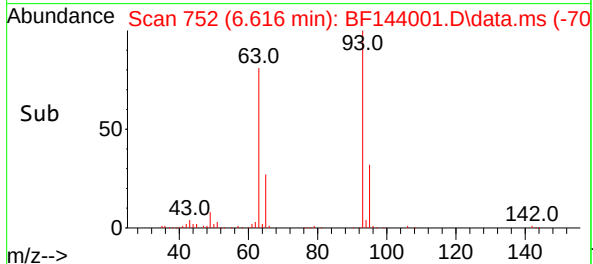
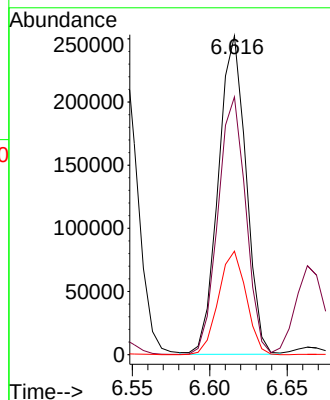
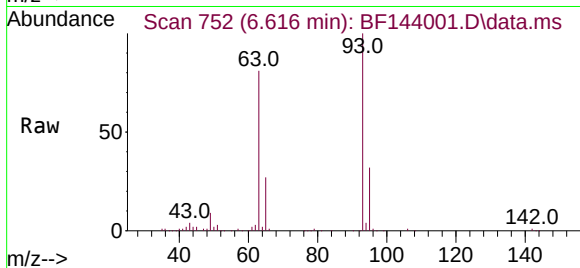
#11
bis(2-Chloroethyl)ether
Concen: 45.340 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Tgt Ion: 93 Resp: 315460
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 32.4 11.5 51.5

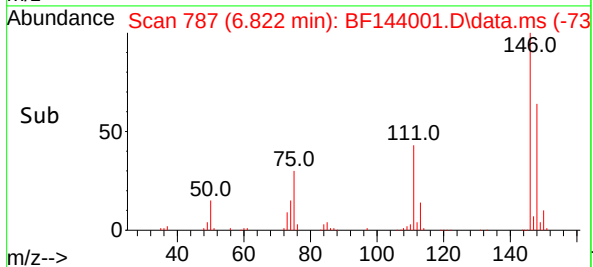
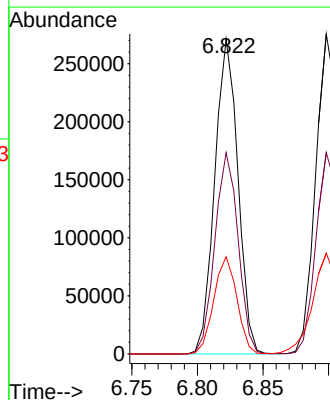
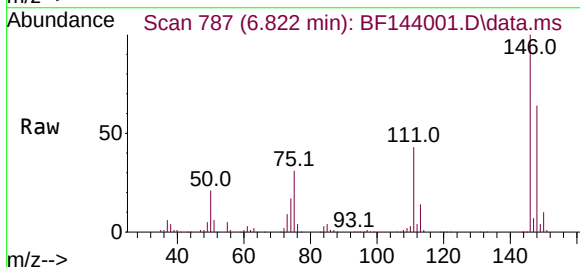
Manual Integrations
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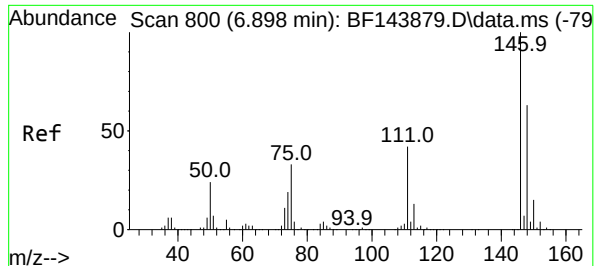
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#12
1,3-Dichlorobenzene
Concen: 45.257 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:146 Resp: 334706
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 30.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 46.864 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:146 Resp: 341886

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

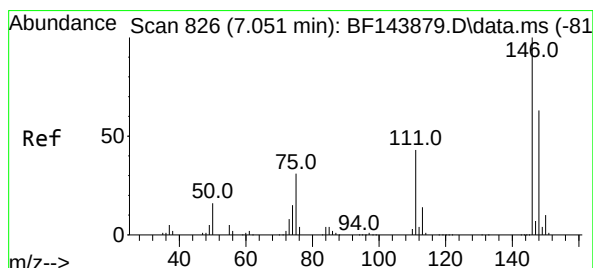
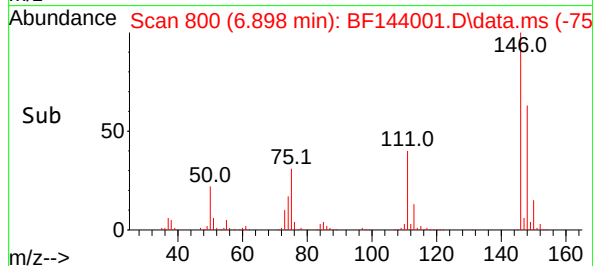
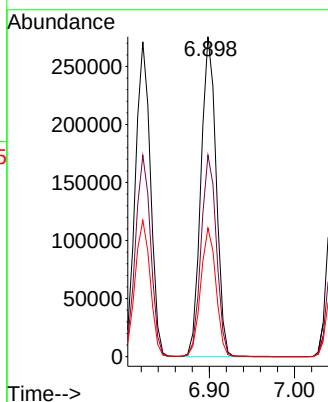
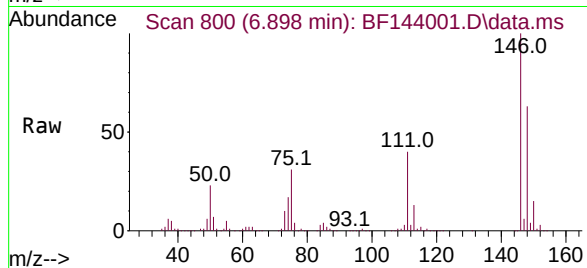
111 40.2 33.4 50.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 46.644 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

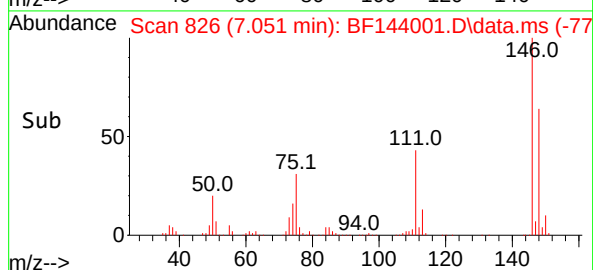
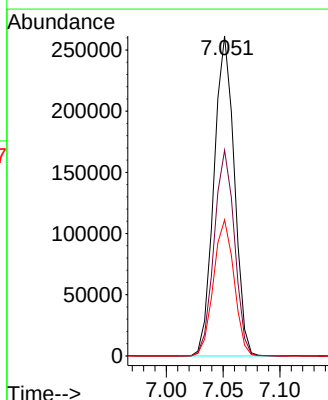
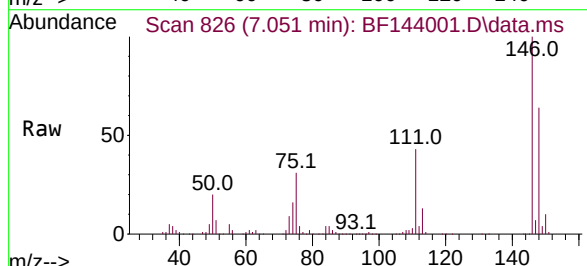
Tgt Ion:146 Resp: 325929

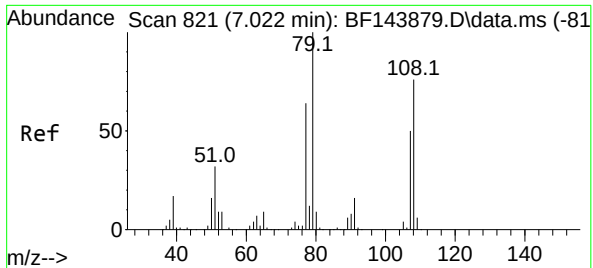
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

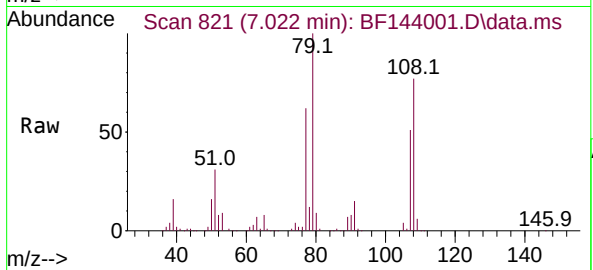
111 42.5 34.6 51.8





#15
Benzyl Alcohol
Concen: 47.273 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

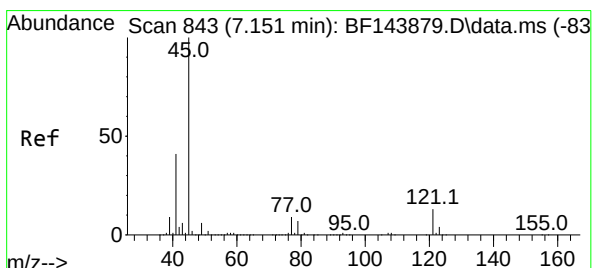
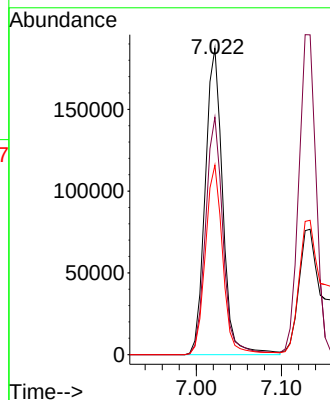
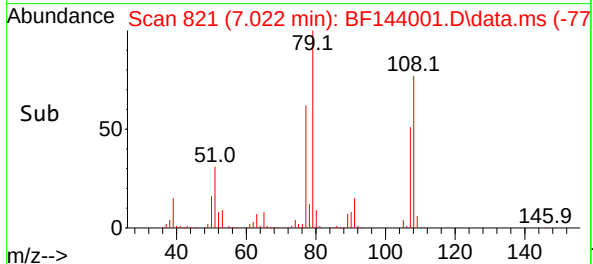
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion: 79 Resp: 266849
Ion Ratio Lower Upper
79 100
108 77.5 60.8 91.2
77 61.9 51.0 76.6

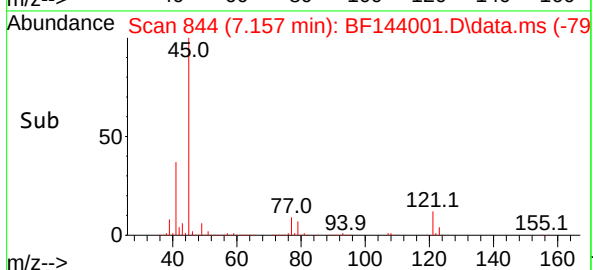
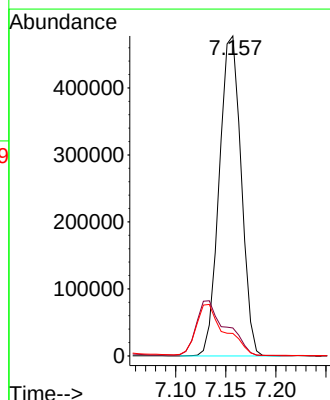
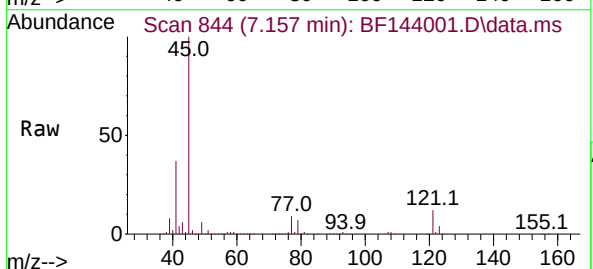
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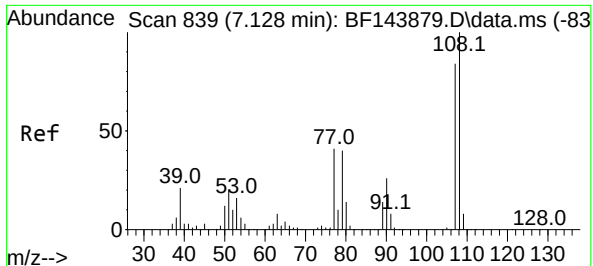
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.861 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion: 45 Resp: 726312
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 7.0 0.0 26.8





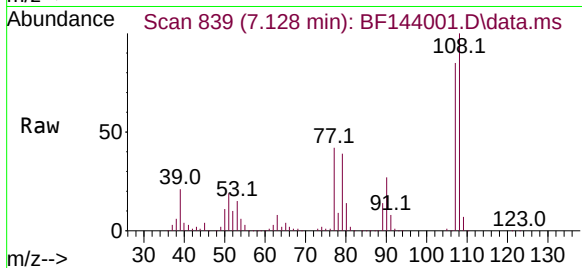
#17
2-Methylphenol
Concen: 45.198 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

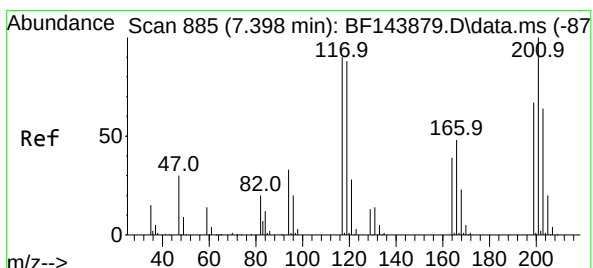
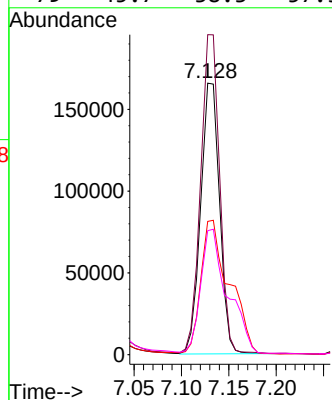
VNJ-245MSD



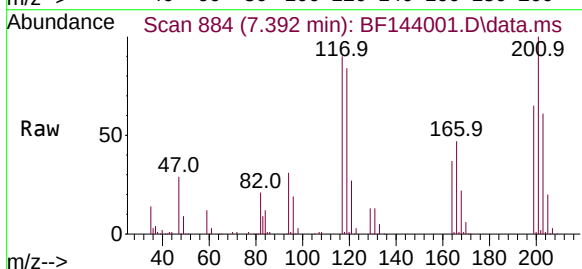
Tgt Ion	Ratio	Lower	Upper
107	100		
108	117.9	94.7	142.1
77	49.1	38.8	58.2
79	45.7	38.3	57.5

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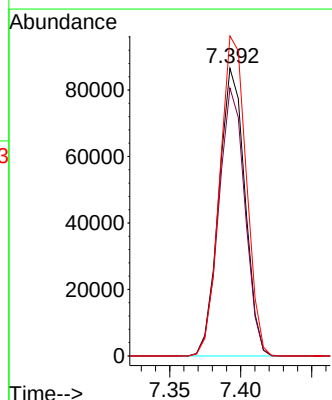
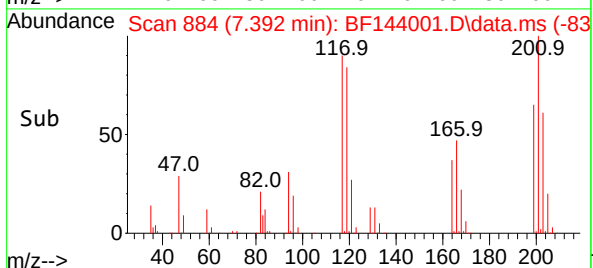
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

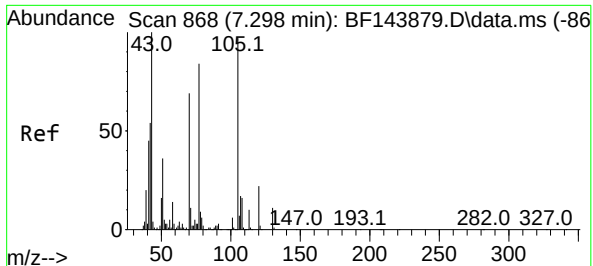


#18
Hexachloroethane
Concen: 45.453 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	111.3	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.014 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF144001.D

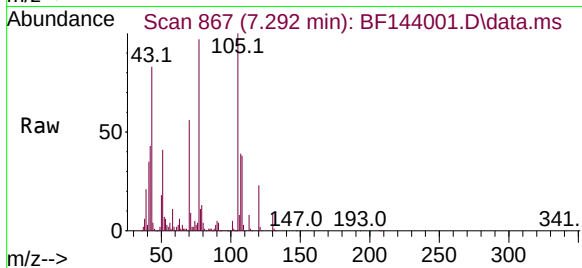
Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD



Tgt Ion: 70 Resp: 21666

Ion Ratio Lower Upper

70 100

42 76.8 62.8 94.2

101 8.2 6.7 10.1

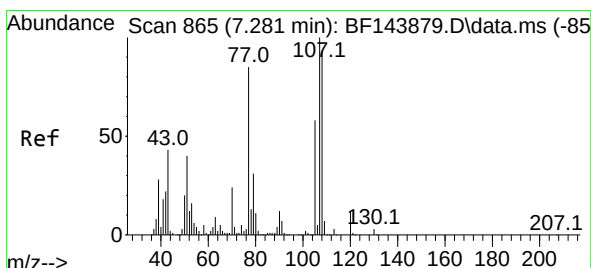
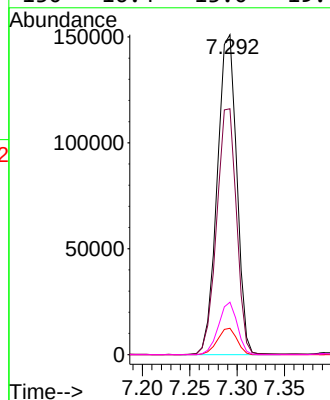
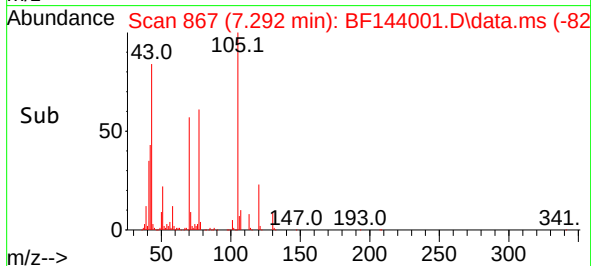
130 16.4 13.0 19.4

Manual Integrations

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#20

3+4-Methylphenols

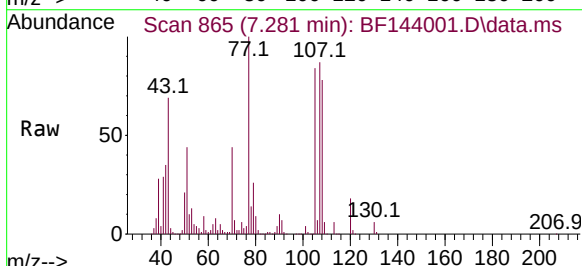
Concen: 45.251 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27



Tgt Ion:107 Resp: 267791

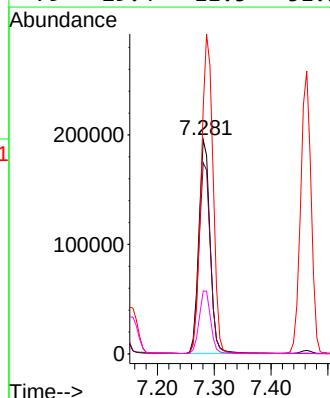
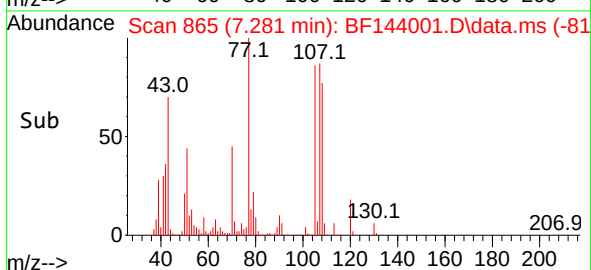
Ion Ratio Lower Upper

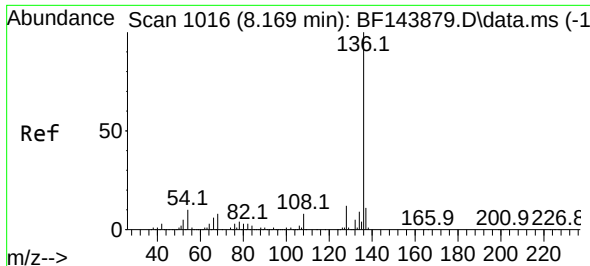
107 100

108 89.3 73.0 113.0

77 115.1 64.6 104.6#

79 29.4 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:136 Resp: 371973

Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.2 8.2 12.4

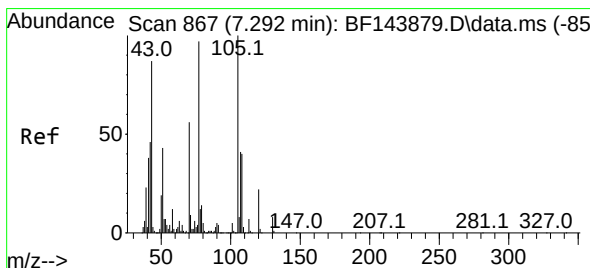
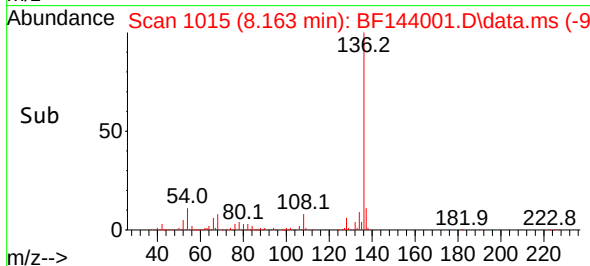
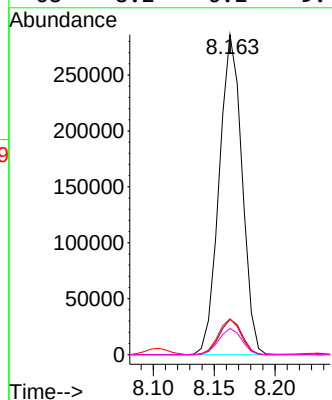
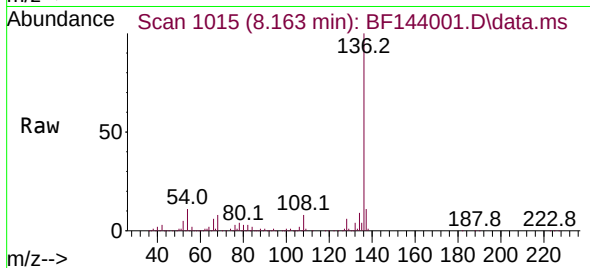
68 8.2 6.2 9.4

Manual Integrations

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#22

Acetophenone

Concen: 50.507 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:105 Resp: 397242

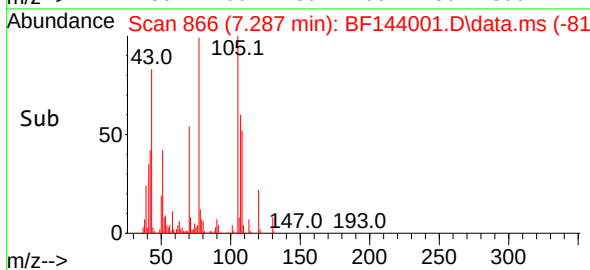
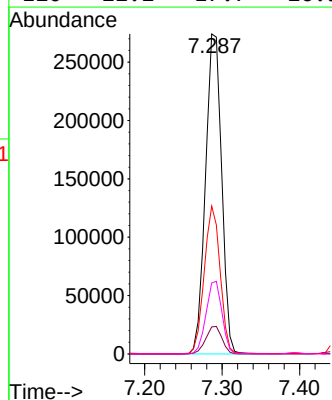
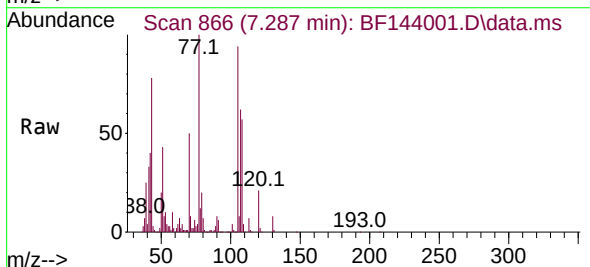
Ion Ratio Lower Upper

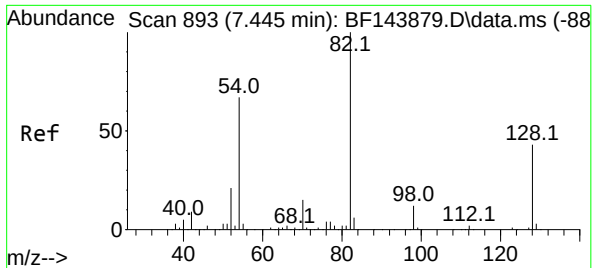
105 100

71 8.4 7.4 11.0

51 46.2 34.2 51.4

120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 46.387 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion: 82 Resp: 284005

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

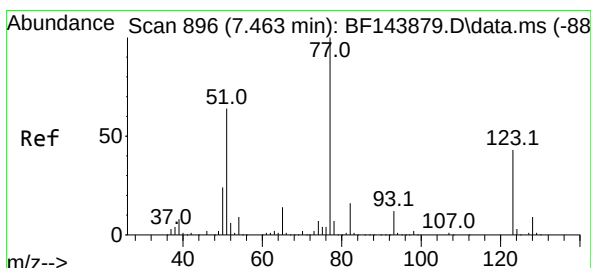
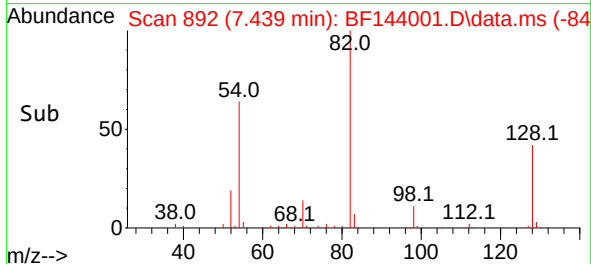
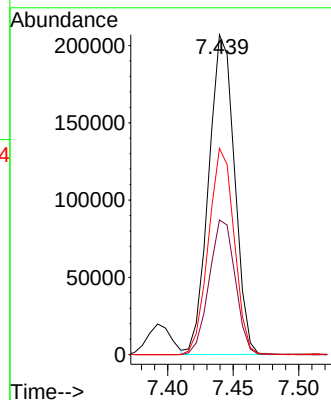
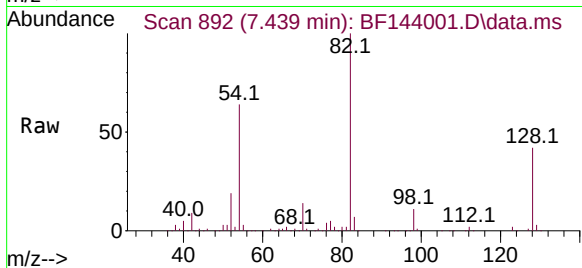
54 64.4 53.2 79.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/21/2025



#24

Nitrobenzene

Concen: 48.565 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

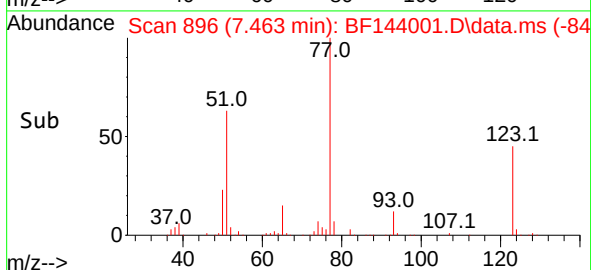
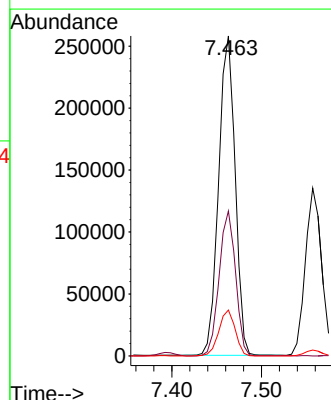
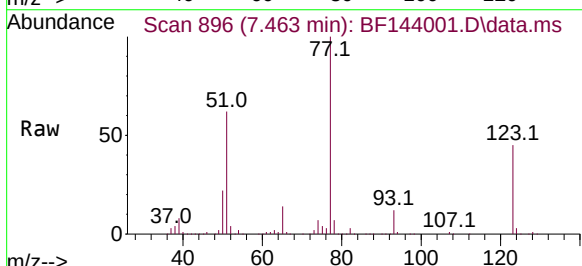
Tgt Ion: 77 Resp: 330200

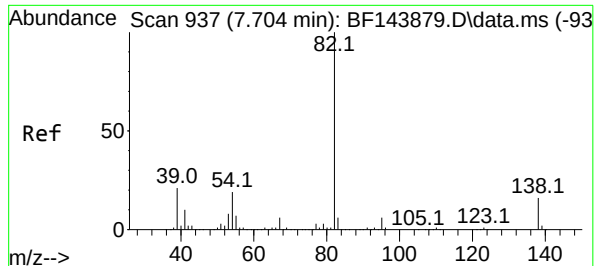
Ion Ratio Lower Upper

77 100

123 45.3 34.2 51.4

65 14.3 11.0 16.6





#25

Isophorone

Concen: 45.065 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.023 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

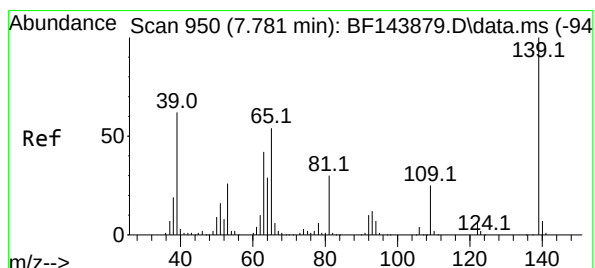
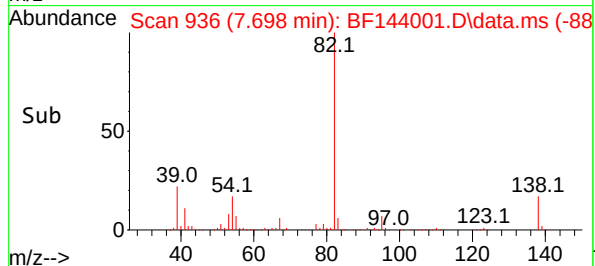
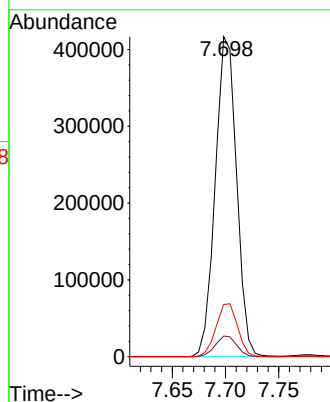
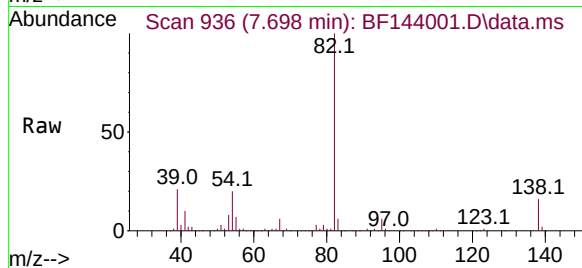
Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:	82	Resp:	581778
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.1	7.7
138	16.3	12.9	19.3

Manual Integrations
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Supervised By :Jagrut Upadhyay 10/21/2025

#26

2-Nitrophenol

Concen: 53.695 ng

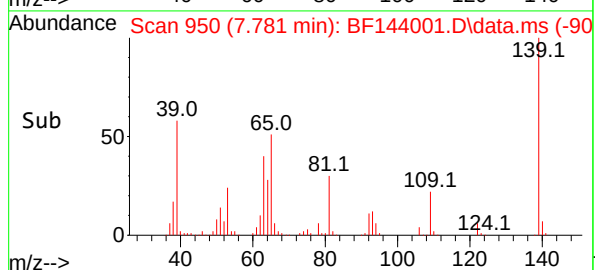
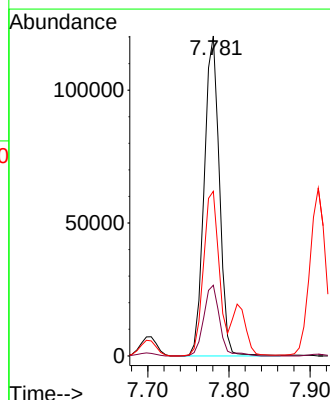
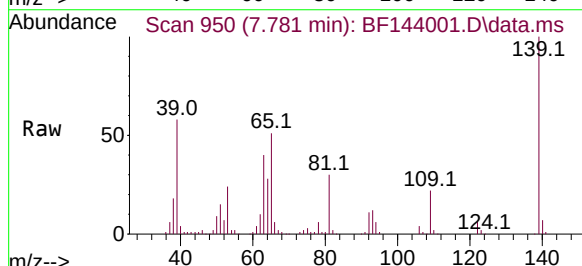
RT: 7.781 min Scan# 950

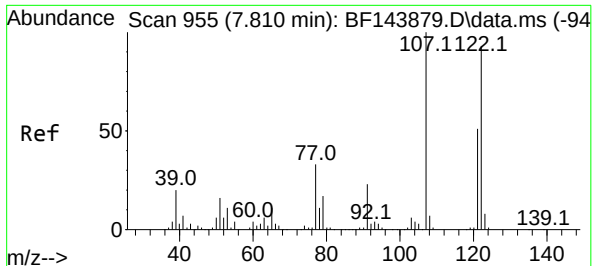
Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:	139	Resp:	156521
Ion Ratio	Lower	Upper	
139	100		
109	22.1	19.8	29.6
65	51.4	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 50.078 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

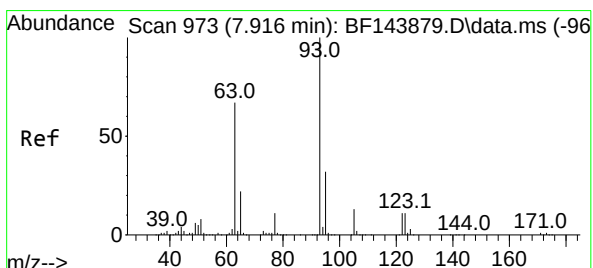
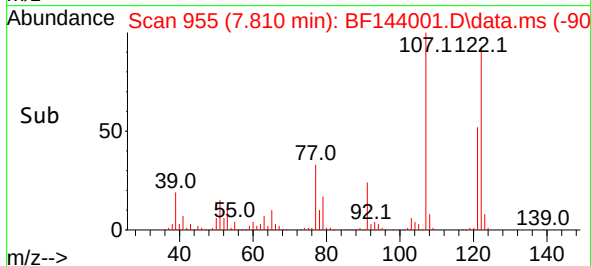
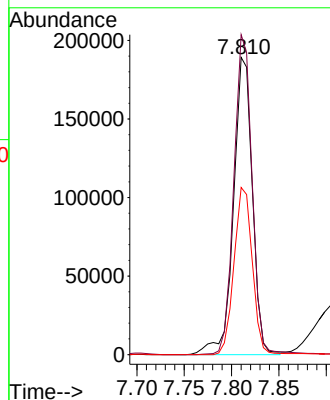
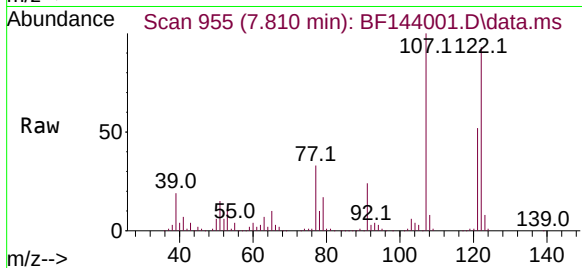
ClientSampleId :

VNJ-245MSD

Tgt Ion:	122	Resp:	26259
Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.1	129.1
121	56.2	43.8	65.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.407 ng

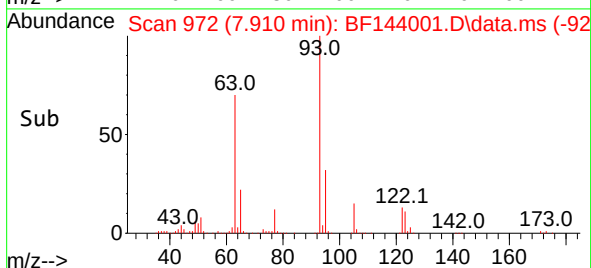
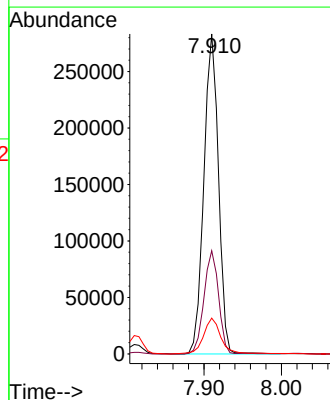
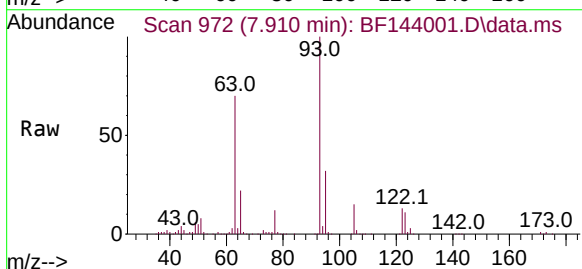
RT: 7.910 min Scan# 972

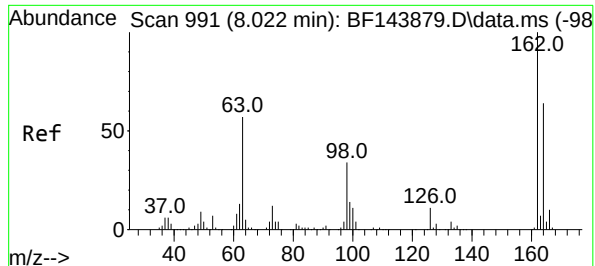
Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:	93	Resp:	370290
Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	11.2	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 45.533 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:162 Resp: 248700

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

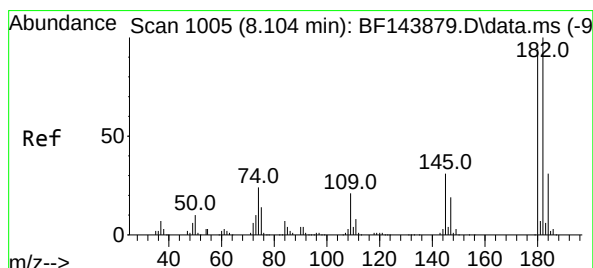
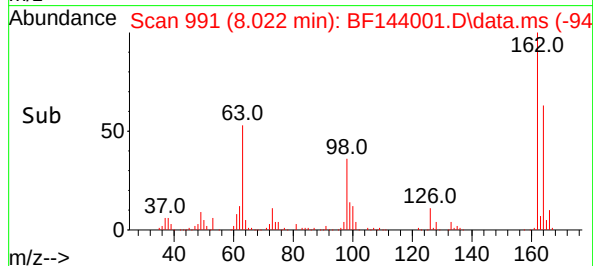
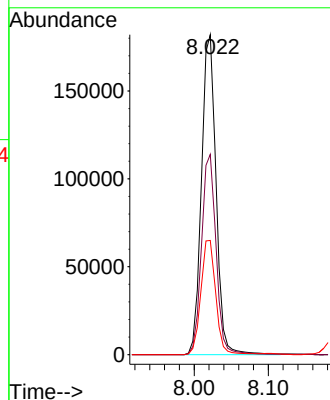
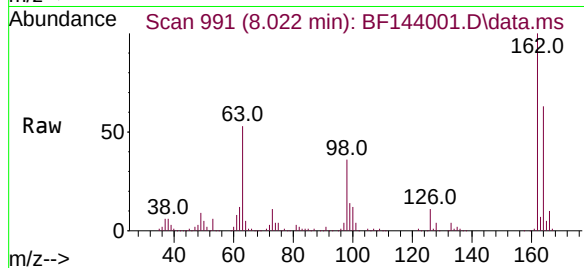
98 35.7 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.986 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

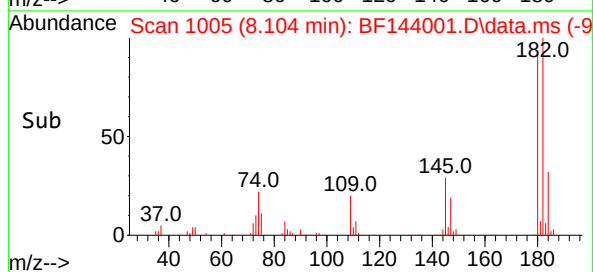
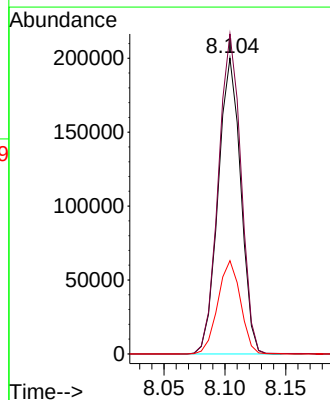
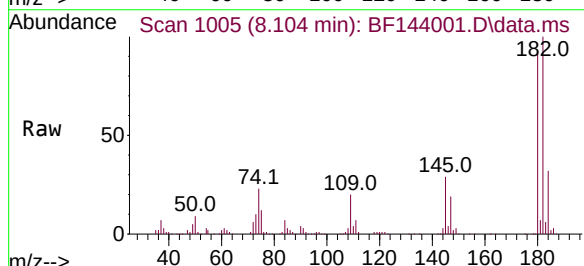
Tgt Ion:180 Resp: 257772

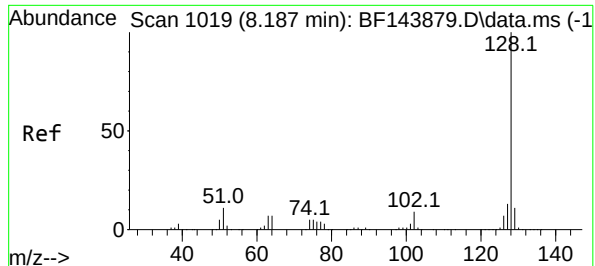
Ion Ratio Lower Upper

180 100

182 108.2 85.4 128.0

145 31.5 26.3 39.5





#31

Naphthalene

Concen: 45.519 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:128 Resp: 770212

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

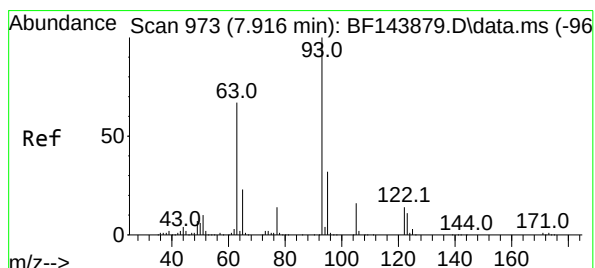
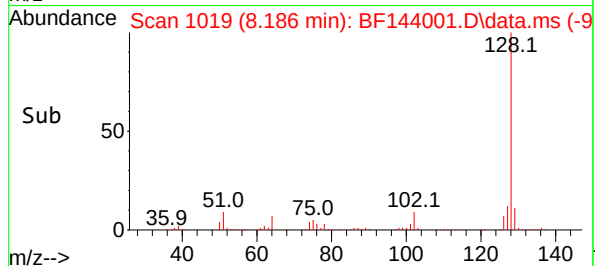
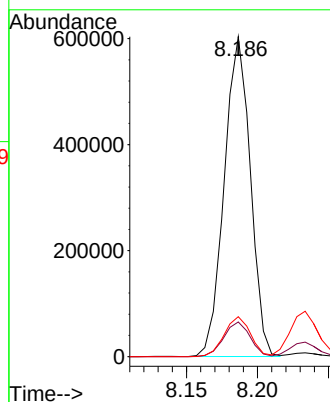
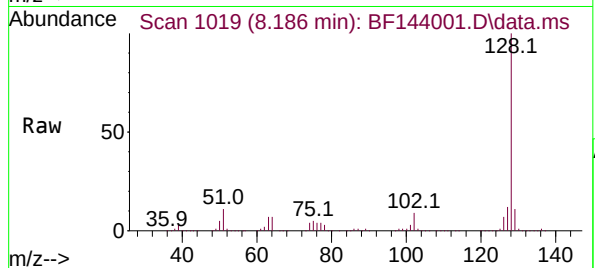
127 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#32

Benzoic acid

Concen: 42.190 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

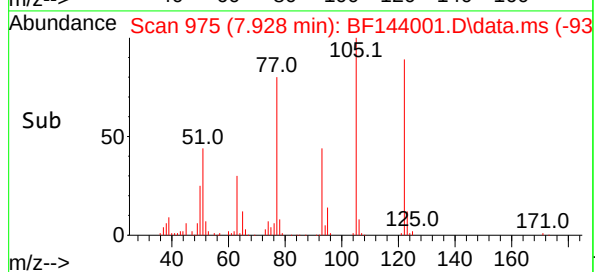
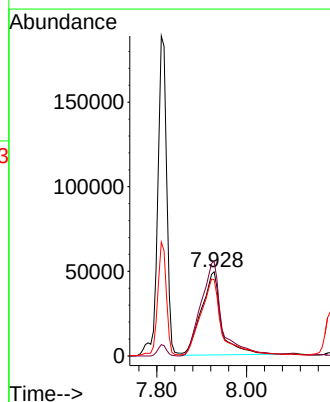
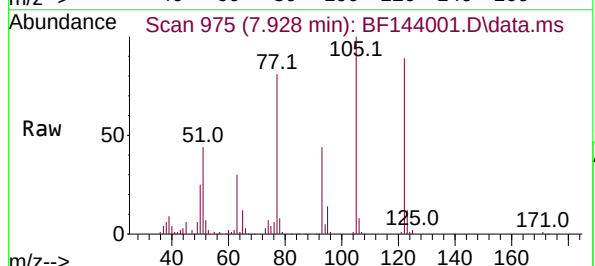
Tgt Ion:122 Resp: 153108

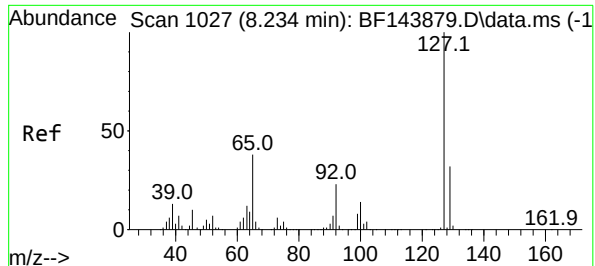
Ion Ratio Lower Upper

122 100

105 112.6 93.5 133.5

77 90.7 76.3 116.3





#33

4-Chloroaniline

Concen: 19.437 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:127 Resp: 12334

Ion Ratio Lower Upper

127 100

129 31.8 25.8 38.8

65 36.1 30.0 45.0

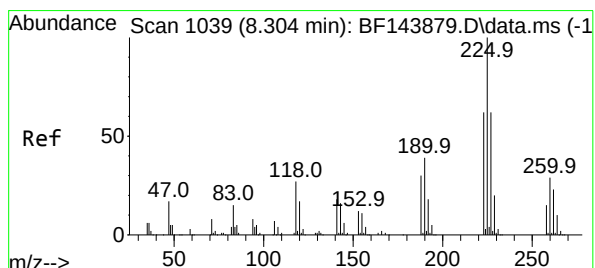
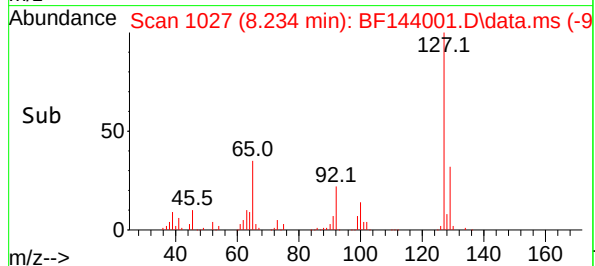
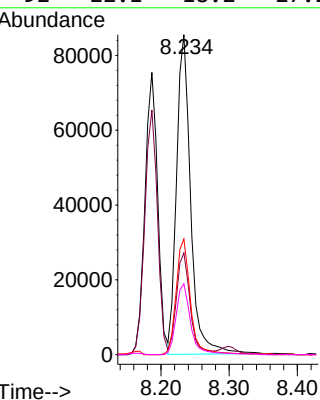
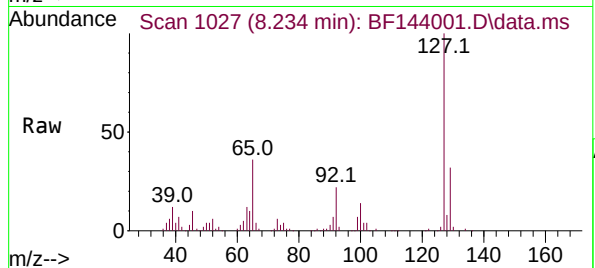
92 22.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#34

Hexachlorobutadiene

Concen: 45.837 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

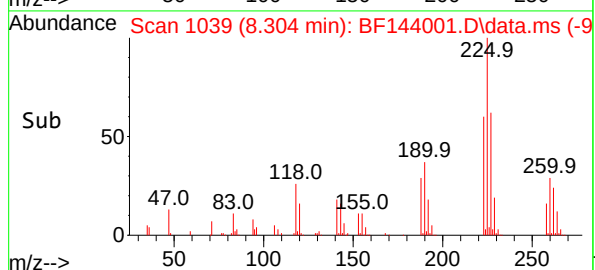
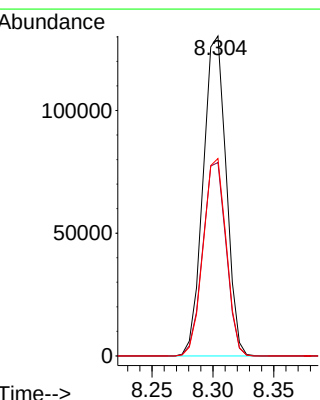
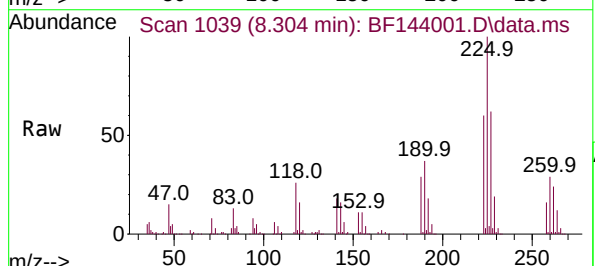
Tgt Ion:225 Resp: 171103

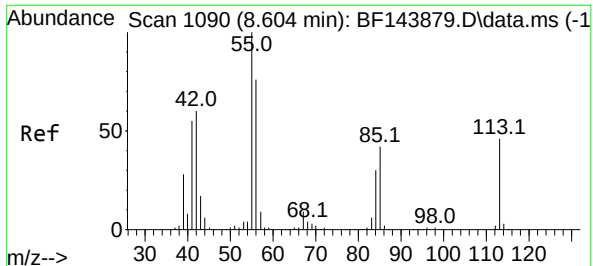
Ion Ratio Lower Upper

225 100

223 60.4 49.4 74.2

227 61.7 49.7 74.5





#35

Caprolactam

Concen: 45.033 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.047 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

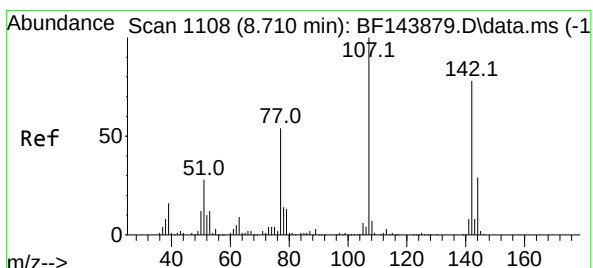
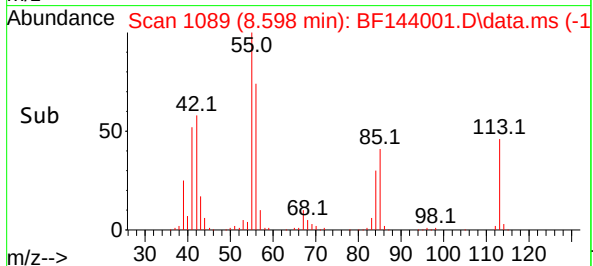
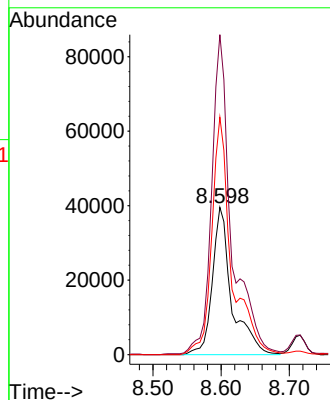
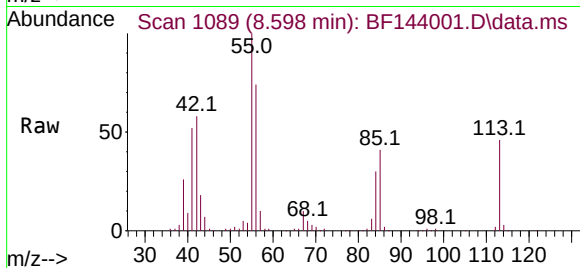
VNJ-245MSD

Tgt Ion:	113	Resp:	78209
Ion Ratio	Lower	Upper	
113	100		
55	217.3	199.6	239.6
56	161.2	146.0	186.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#36

4-Chloro-3-methylphenol

Concen: 44.644 ng

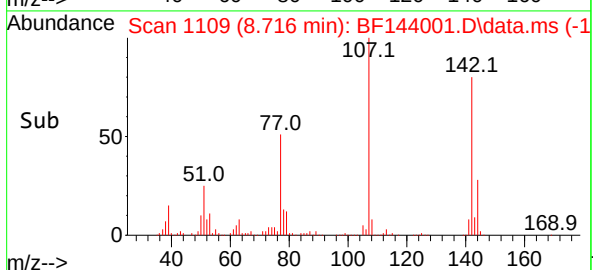
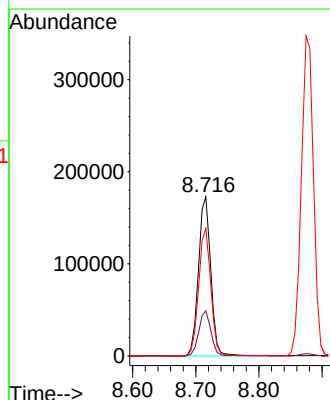
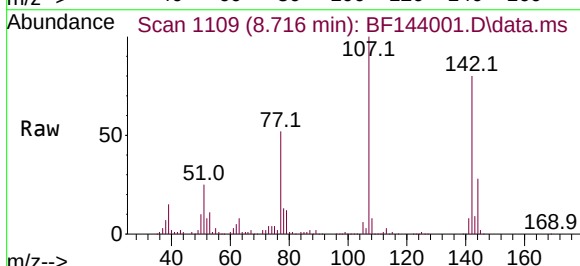
RT: 8.716 min Scan# 1109

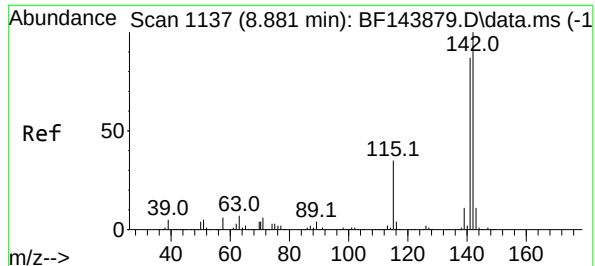
Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:	107	Resp:	234233
Ion Ratio	Lower	Upper	
107	100		
144	28.3	23.1	34.7
142	80.1	62.6	94.0





#37

2-Methylnaphthalene

Concen: 41.016 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:142 Resp: 462308

Ion Ratio Lower Upper

142 100

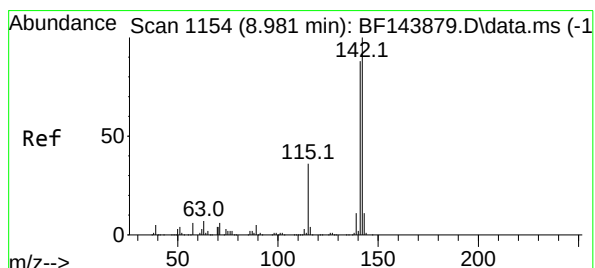
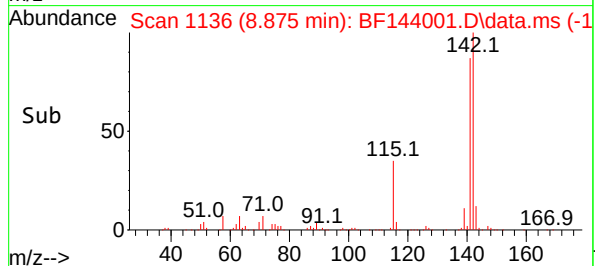
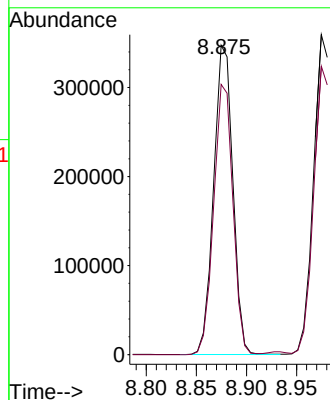
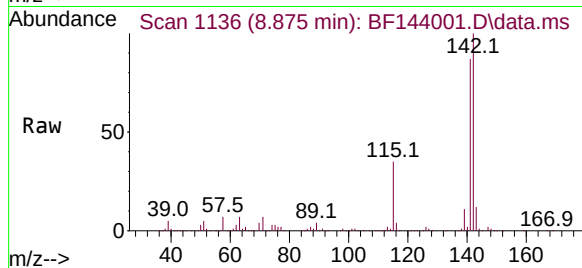
141 87.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#38

1-Methylnaphthalene

Concen: 43.027 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144001.D

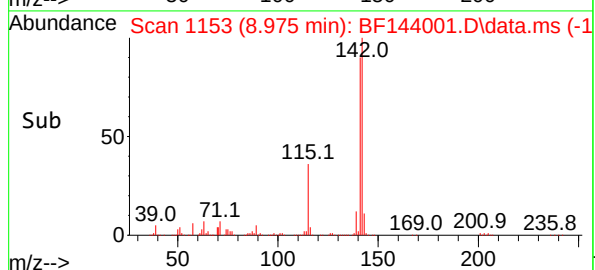
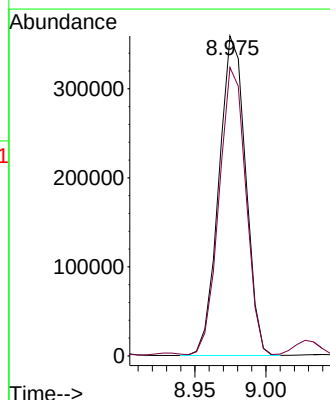
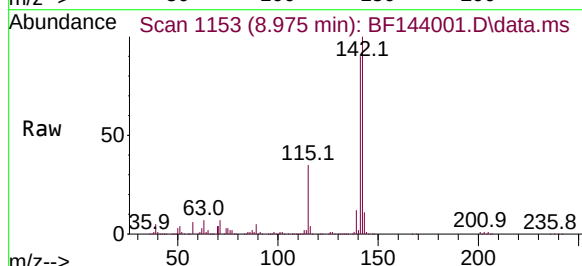
Acq: 20 Oct 2025 16:27

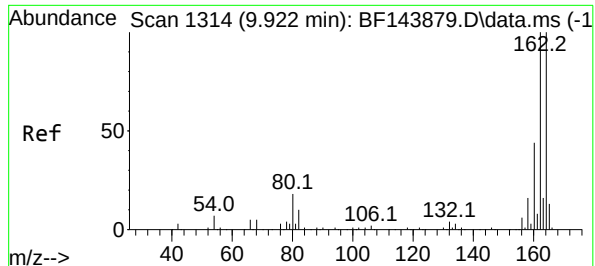
Tgt Ion:142 Resp: 470408

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144001.D

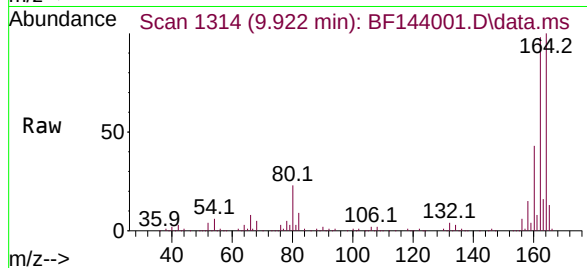
Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD



Tgt Ion:164 Resp: 192676

Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.2

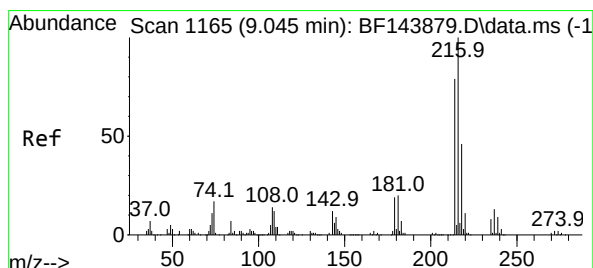
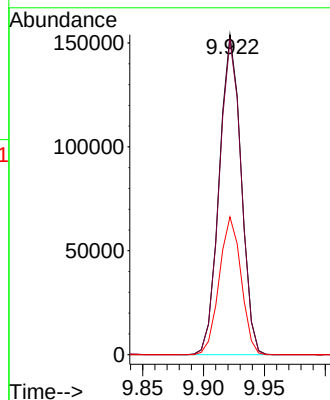
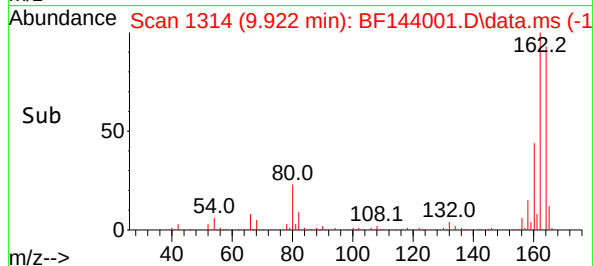
160 43.0 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

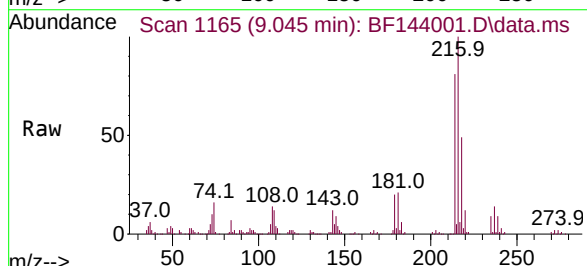
Concen: 50.787 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27



Tgt Ion:216 Resp: 270457

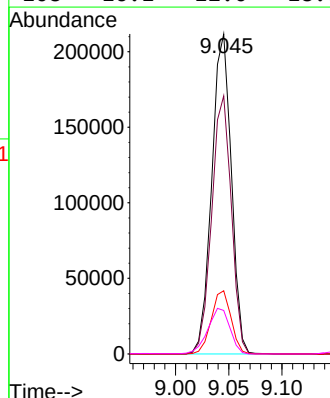
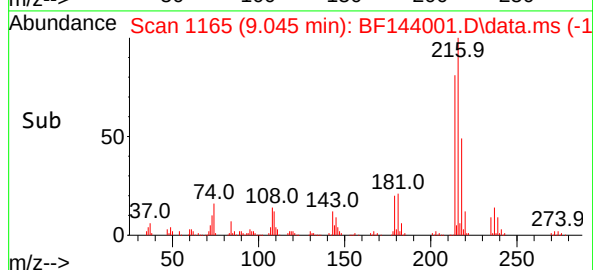
Ion Ratio Lower Upper

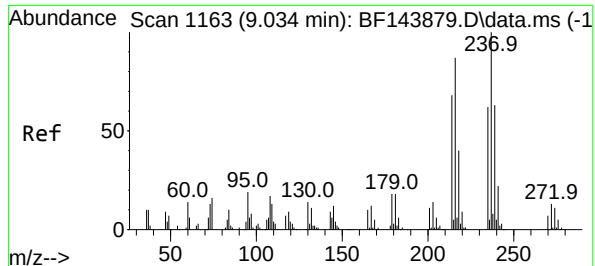
216 100

214 80.9 62.6 94.0

179 19.9 15.4 23.0

108 16.1 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 98.353 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:237 Resp: 21728

Ion Ratio Lower Upper

237 100

235 63.1 42.3 82.3

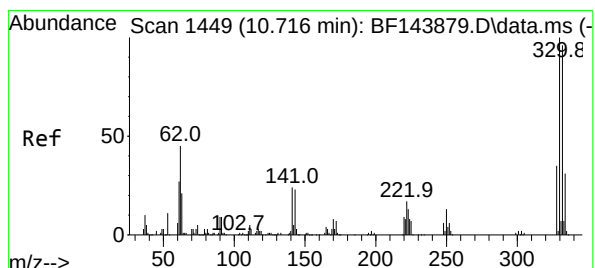
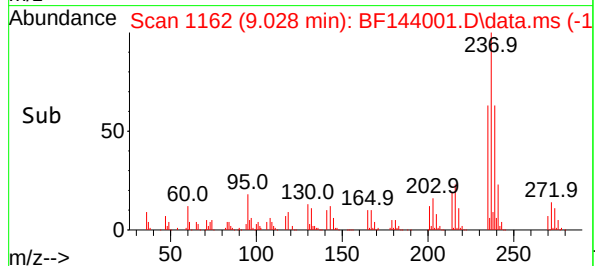
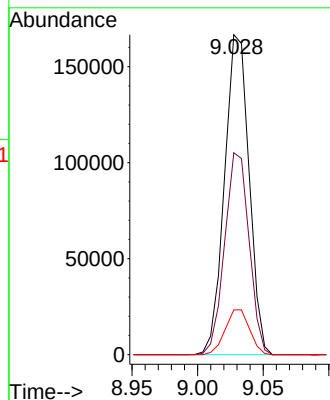
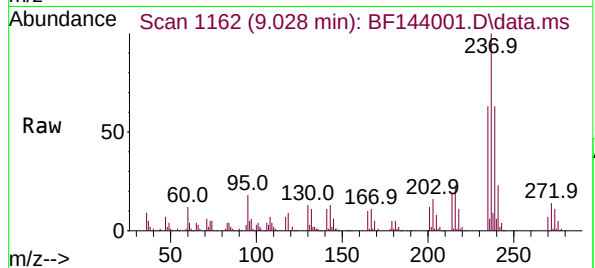
272 14.0 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#42

2,4,6-Tribromophenol

Concen: 55.916 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

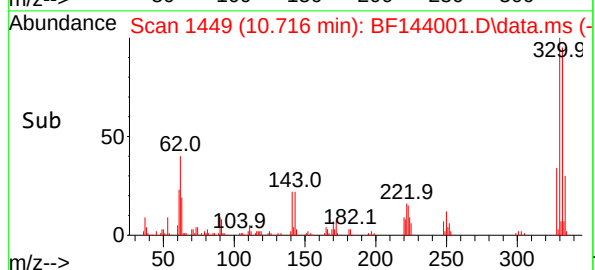
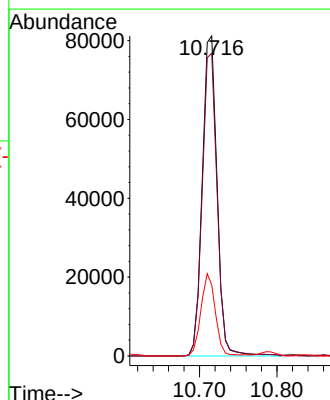
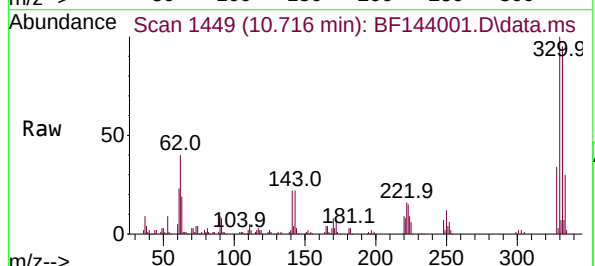
Tgt Ion:330 Resp: 107308

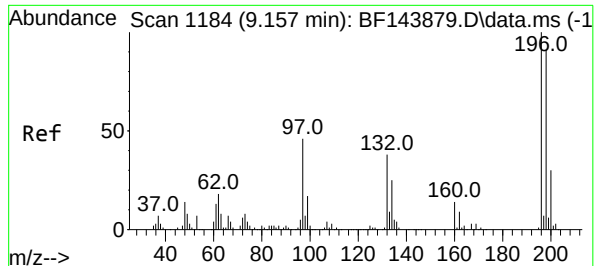
Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

141 25.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 45.503 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:196 Resp: 177052

Ion Ratio Lower Upper

196 100

198 95.7 72.8 109.2

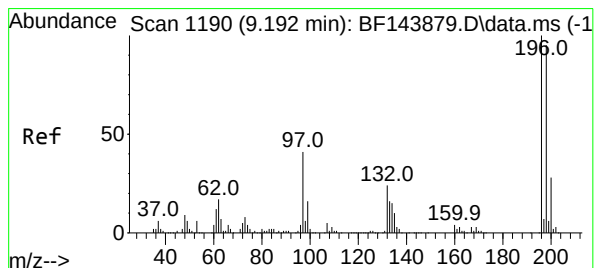
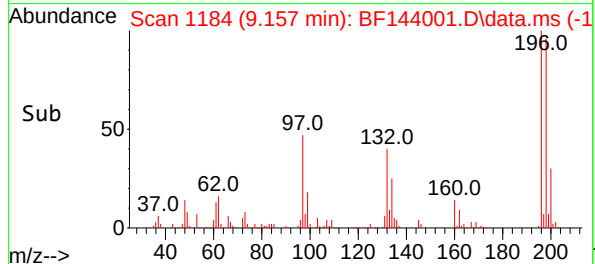
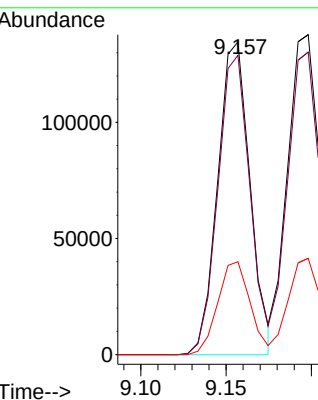
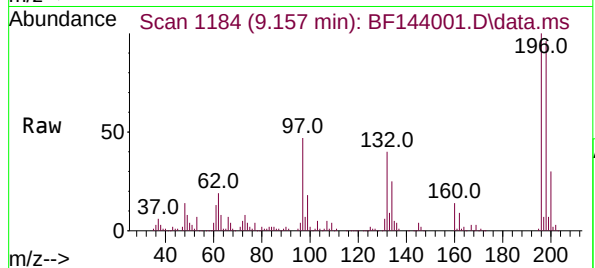
200 29.7 24.0 36.0

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#44

2,4,5-Trichlorophenol

Concen: 46.289 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:196 Resp: 190334

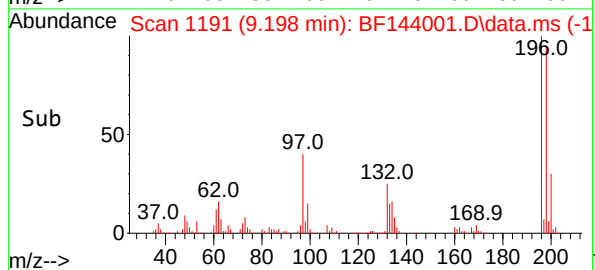
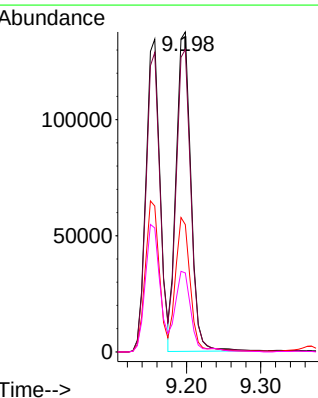
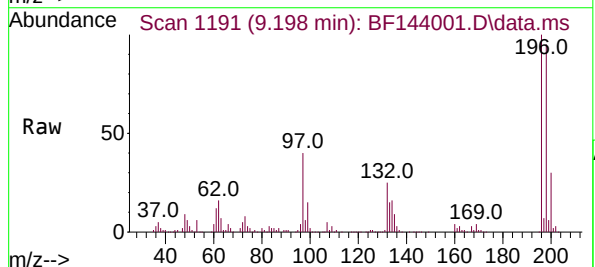
Ion Ratio Lower Upper

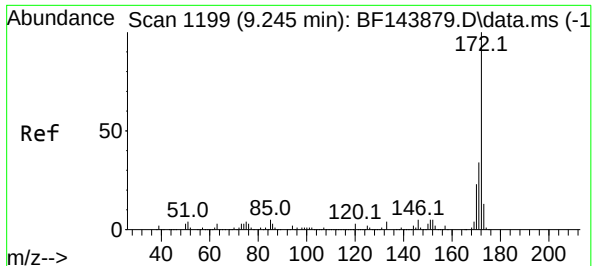
196 100

198 94.5 75.5 113.3

97 39.8 33.9 50.9

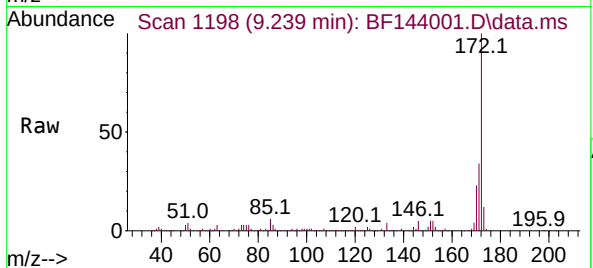
132 24.7 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 32.157 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

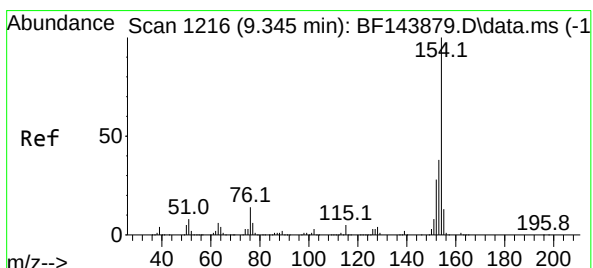
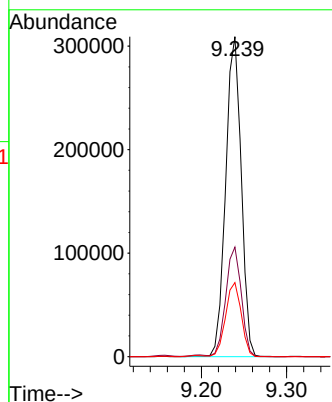
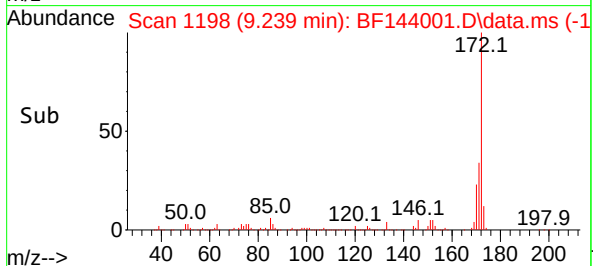
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



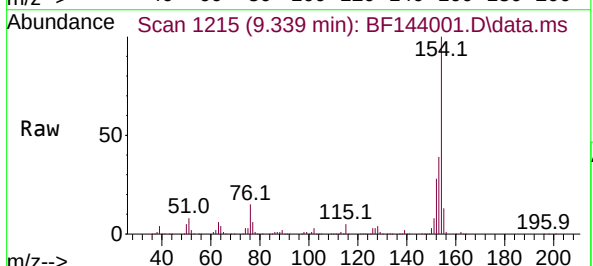
Tgt Ion:172 Resp: 390476
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 23.1 18.6 28.0

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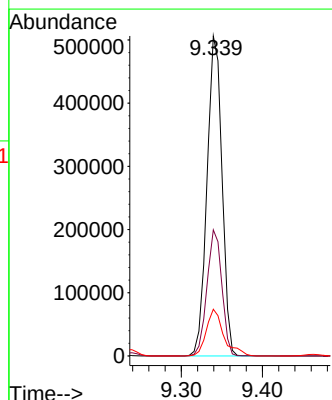
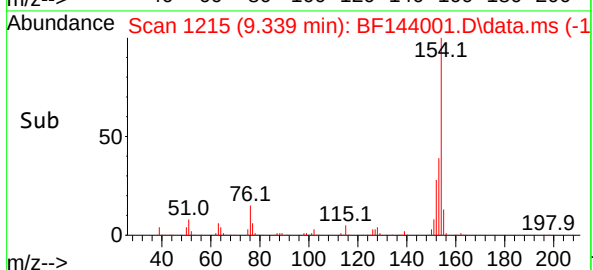
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

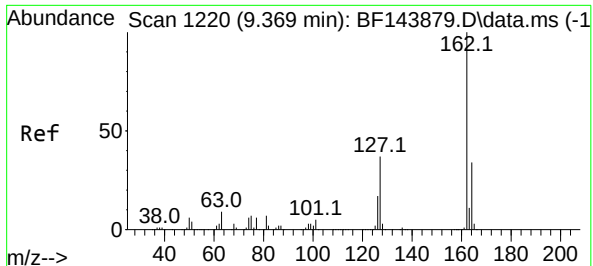


#46
1,1'-Biphenyl
Concen: 51.079 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



Tgt Ion:154 Resp: 651603
Ion Ratio Lower Upper
154 100
153 39.4 18.4 58.4
76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.921 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144001.D

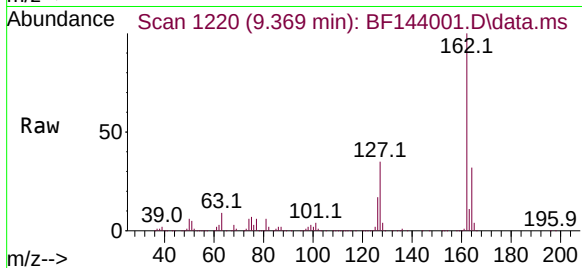
Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD



Tgt Ion:162 Resp: 499056

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

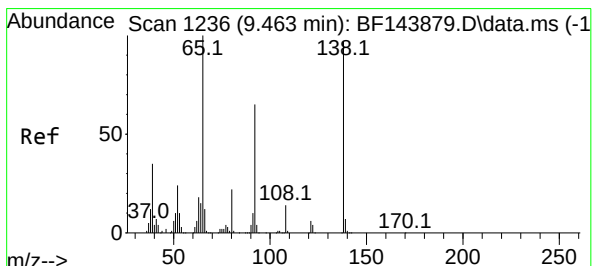
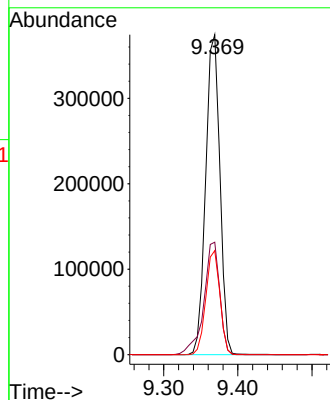
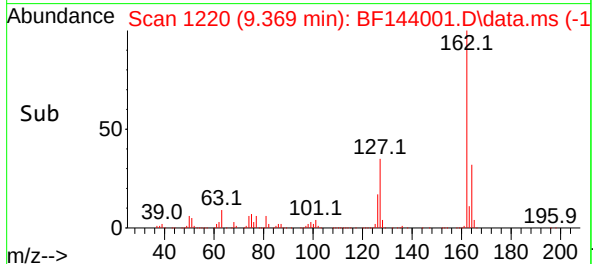
164 32.5 26.9 40.3

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#48

2-Nitroaniline

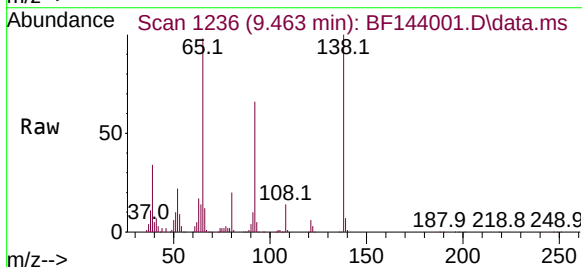
Concen: 50.378 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27



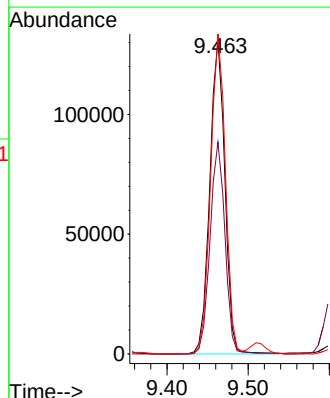
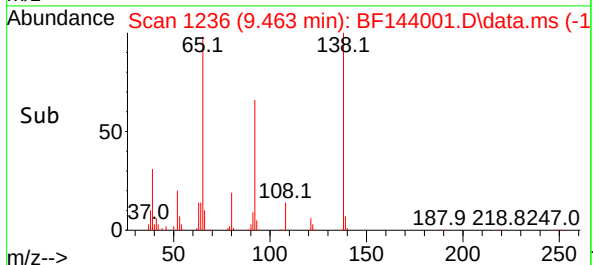
Tgt Ion: 65 Resp: 169406

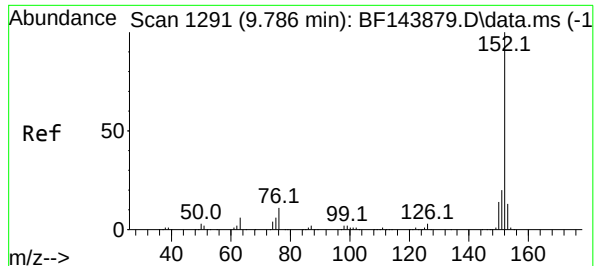
Ion Ratio Lower Upper

65 100

92 67.4 52.1 78.1

138 101.9 77.4 116.2





#49

Acenaphthylene

Concen: 51.437 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144001.D

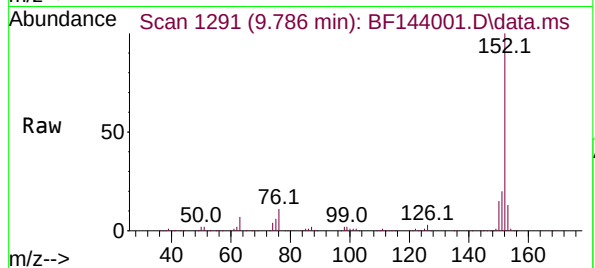
Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD



Tgt Ion:152 Resp: 769139

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

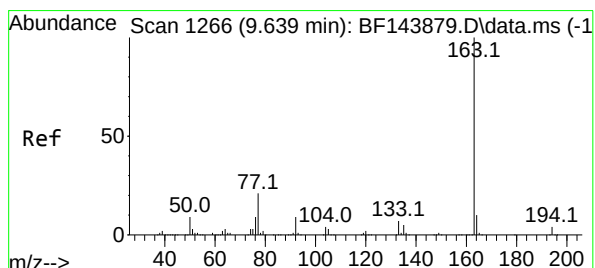
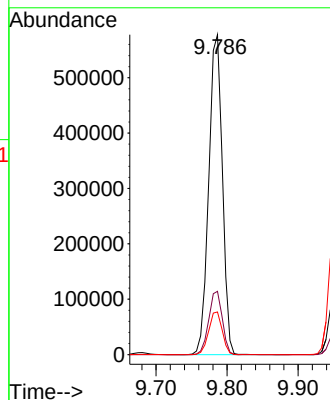
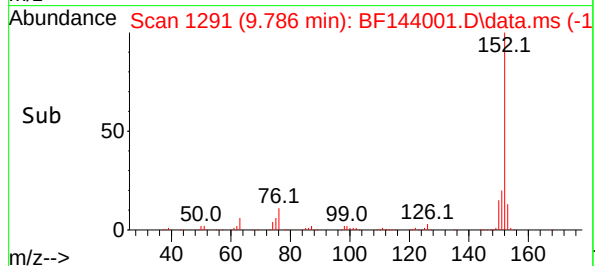
153 13.3 10.5 15.7

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#50

Dimethylphthalate

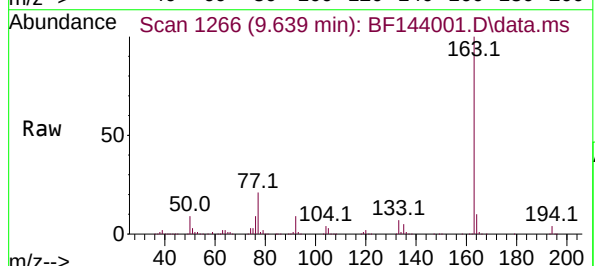
Concen: 45.794 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27



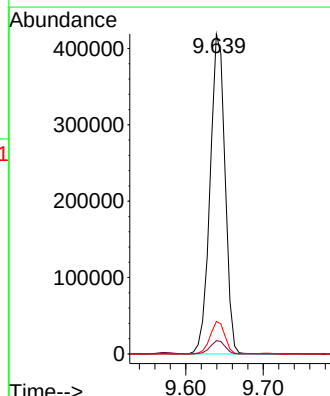
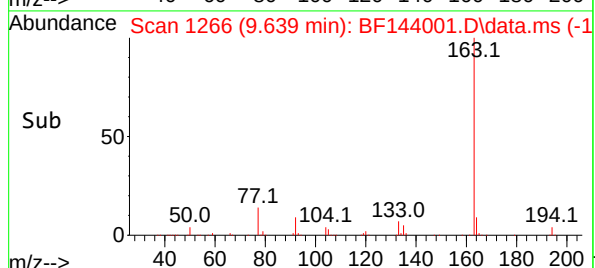
Tgt Ion:163 Resp: 560326

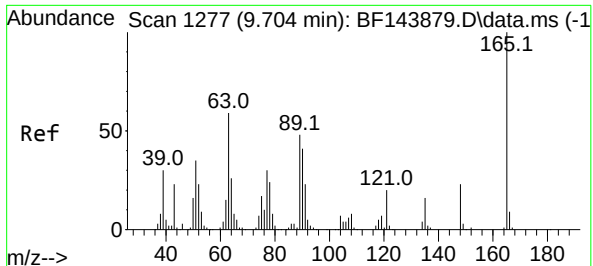
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

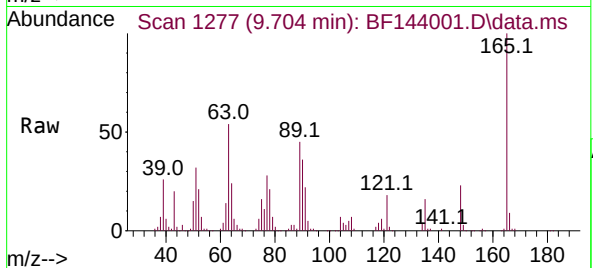
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 53.686 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

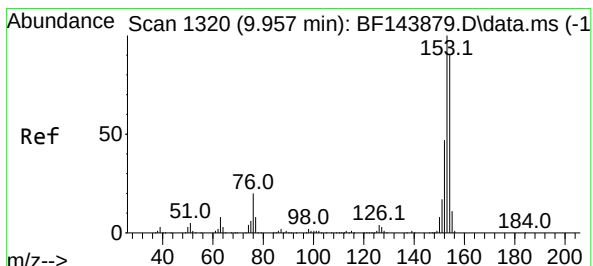
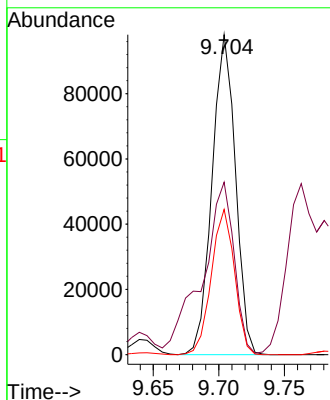
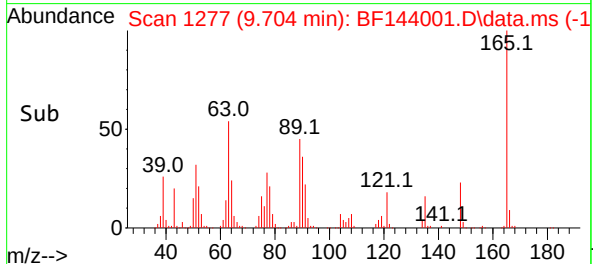
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion:165 Resp: 121807
Ion Ratio Lower Upper
165 100
63 53.9 47.3 70.9
89 45.4 38.2 57.4

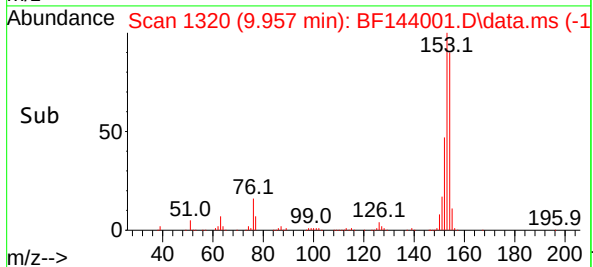
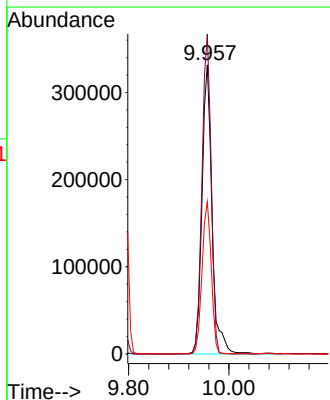
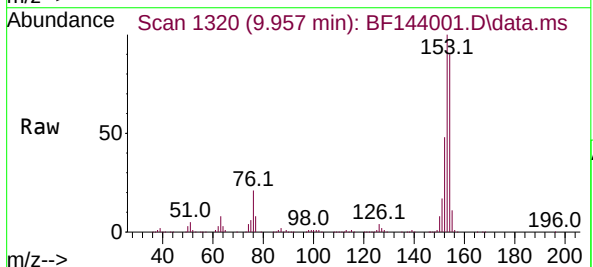
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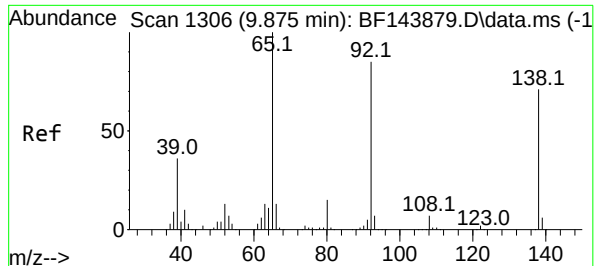
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#52
Acenaphthene
Concen: 47.023 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:154 Resp: 460729
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 52.6 42.2 63.2





#53

3-Nitroaniline

Concen: 29.336 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

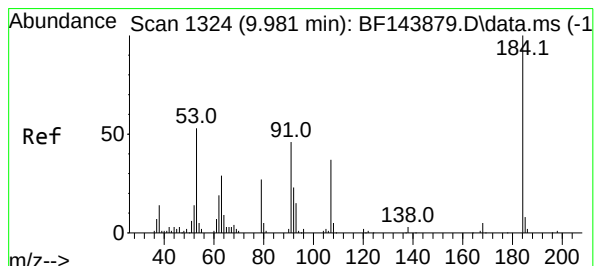
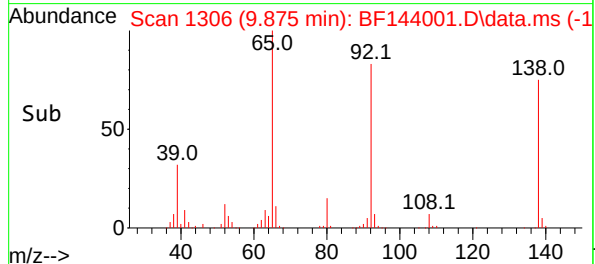
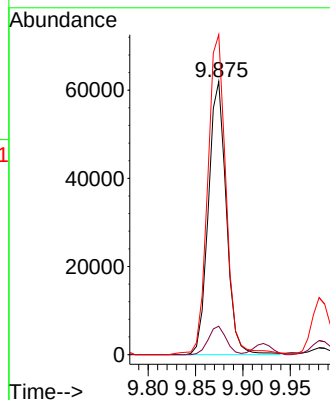
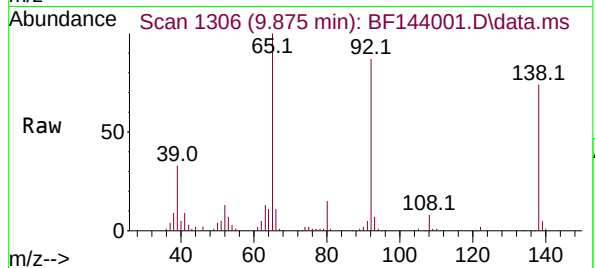
Tgt Ion:138	Resp:	81500
Ion Ratio	Lower	Upper
138	100	
108	10.4	8.3 12.5
92	117.2	96.2 144.2

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#54

2,4-Dinitrophenol

Concen: 59.400 ng

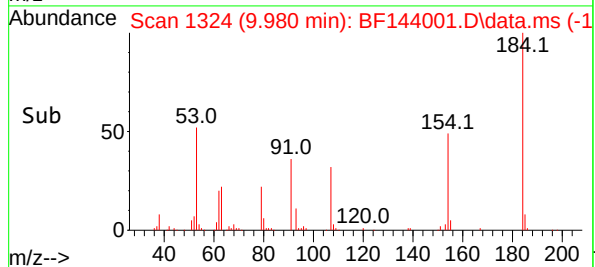
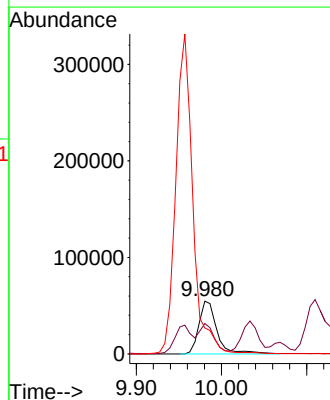
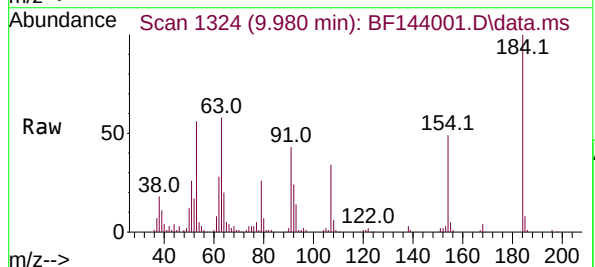
RT: 9.980 min Scan# 1324

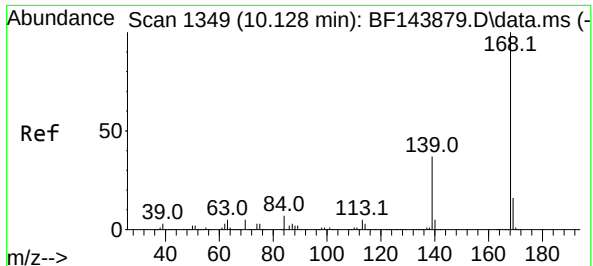
Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

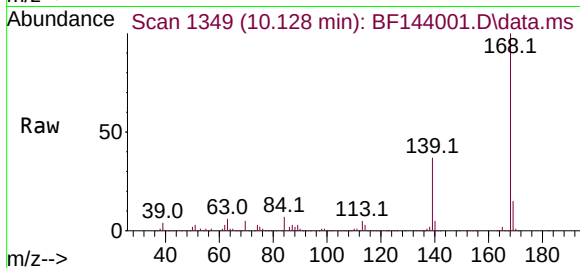
Tgt Ion:184	Resp:	80393
Ion Ratio	Lower	Upper
184	100	
63	57.7	48.2 72.4
154	49.1	49.2 73.8





#55
Dibenzofuran
Concen: 45.656 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

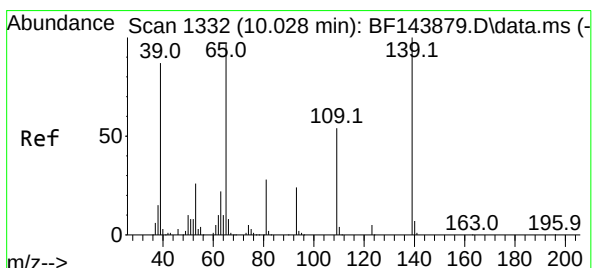
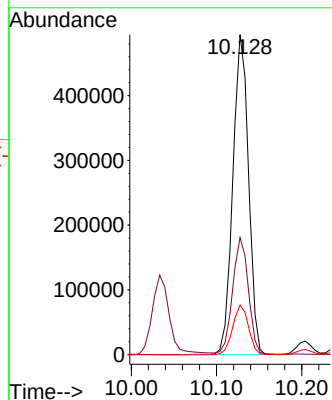
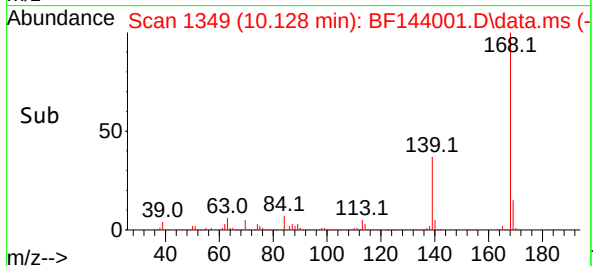
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion:168 Resp: 631465
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.8
169 15.5 12.8 19.2

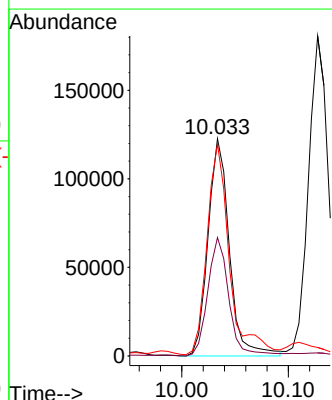
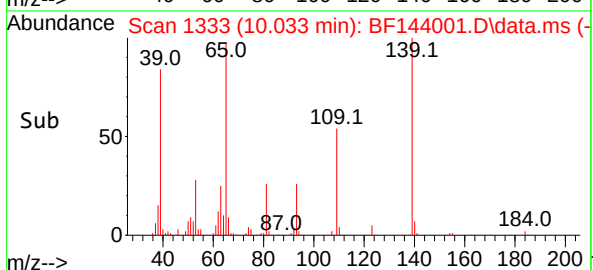
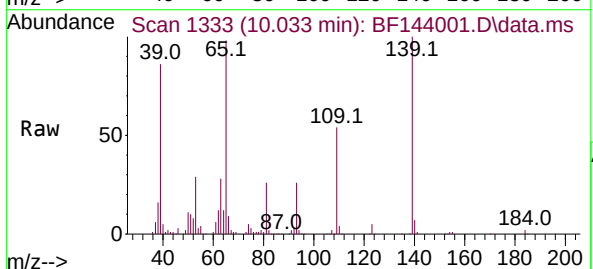
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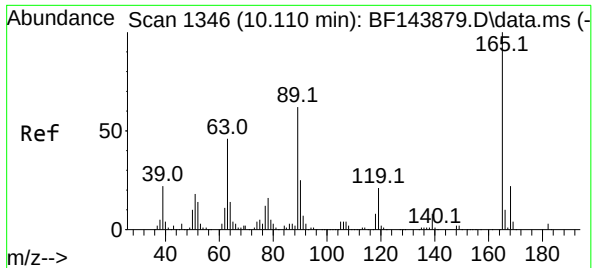
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#56
4-Nitrophenol
Concen: 81.114 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

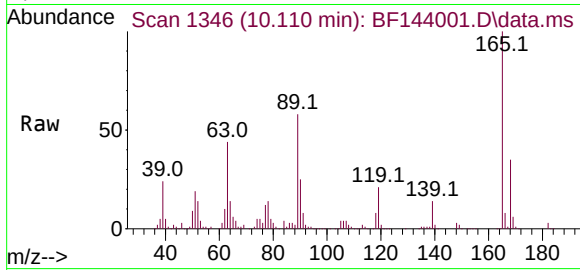
Tgt Ion:139 Resp: 170624
Ion Ratio Lower Upper
139 100
109 54.5 34.5 74.5
65 97.6 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 52.513 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

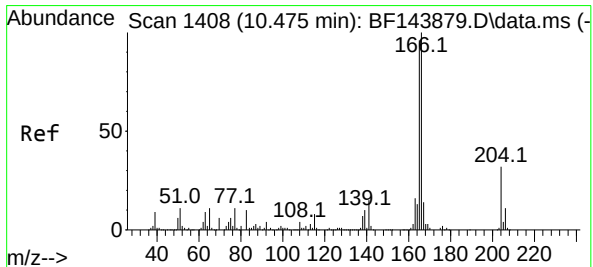
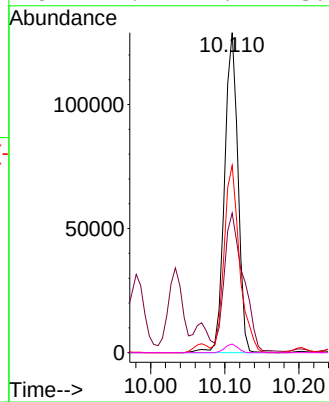
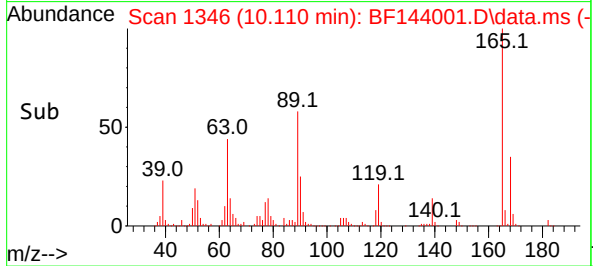
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



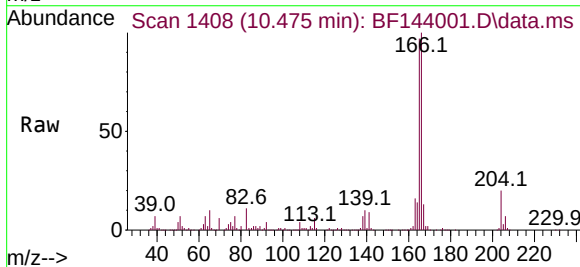
Tgt Ion:165 Resp: 162114
Ion Ratio Lower Upper
165 100
63 43.6 37.2 55.8
89 58.5 49.4 74.2
182 2.7 2.1 3.1

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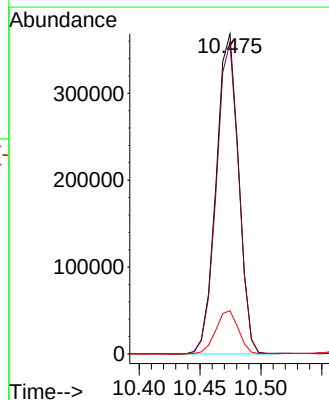
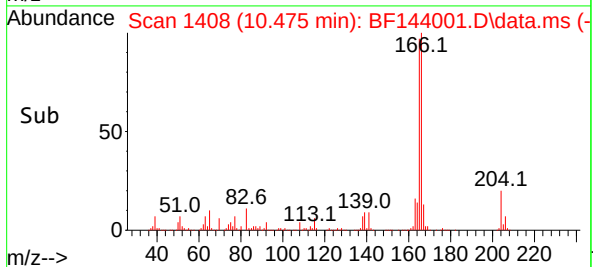
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

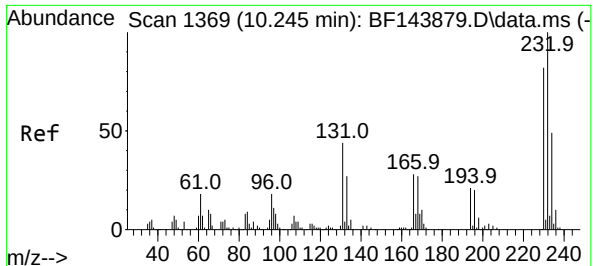


#58
Fluorene
Concen: 45.380 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



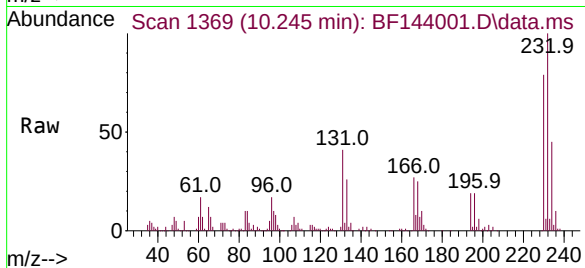
Tgt Ion:166 Resp: 473608
Ion Ratio Lower Upper
166 100
165 97.3 77.0 115.6
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.838 ng m
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

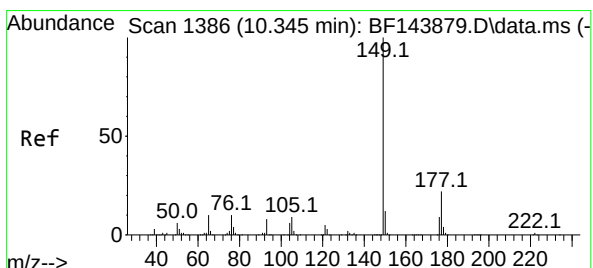
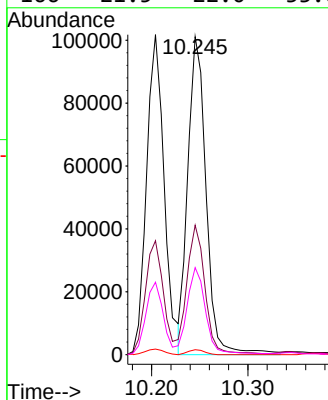
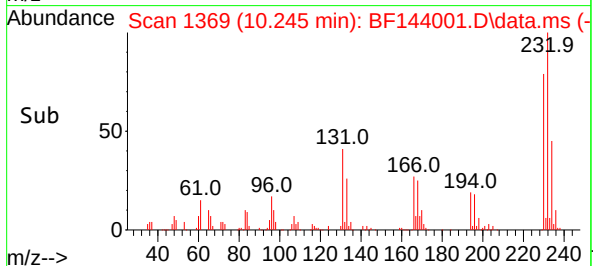
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



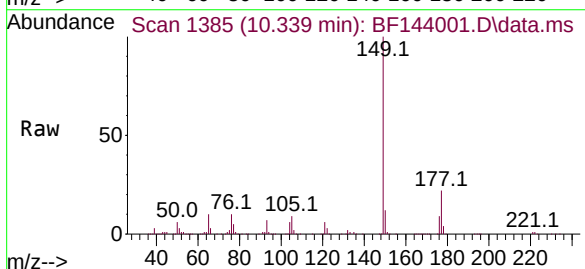
Tgt Ion:232 Resp: 133421
Ion Ratio Lower Upper
232 100
131 34.7 34.9 52.3
130 1.7 1.6 2.4
166 21.5 22.0 33.0#

Manual Integrations
APPROVED

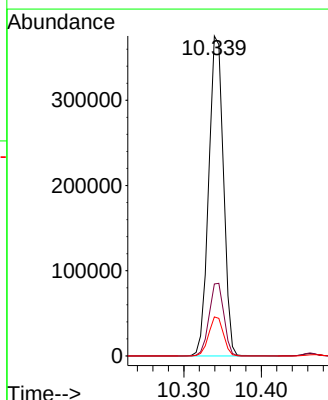
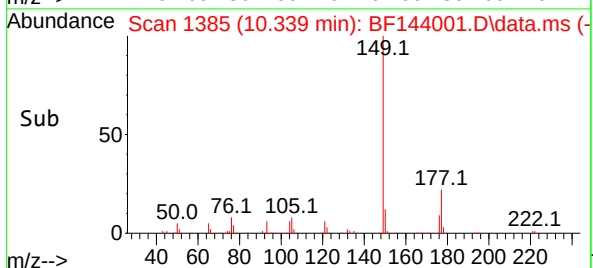
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

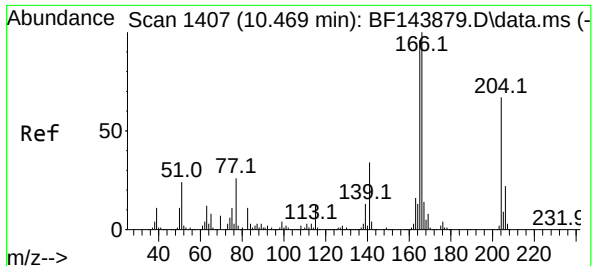


#60
Diethylphthalate
Concen: 43.627 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



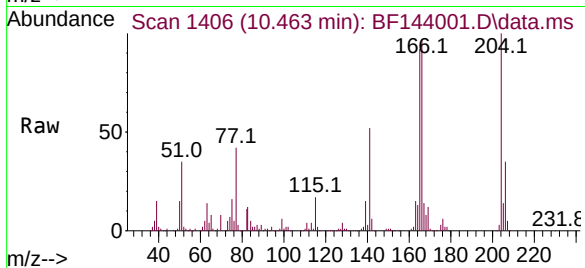
Tgt Ion:149 Resp: 495909
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.601 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

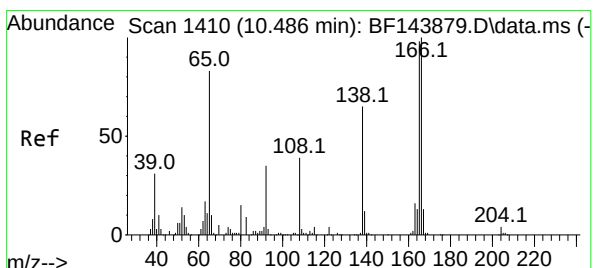
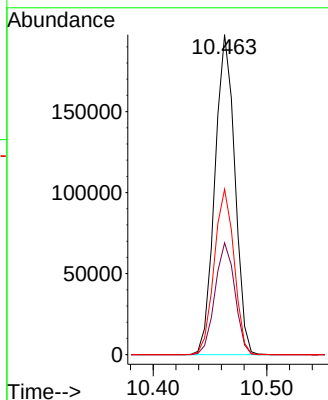
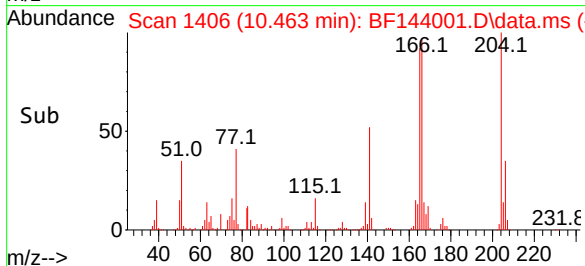
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



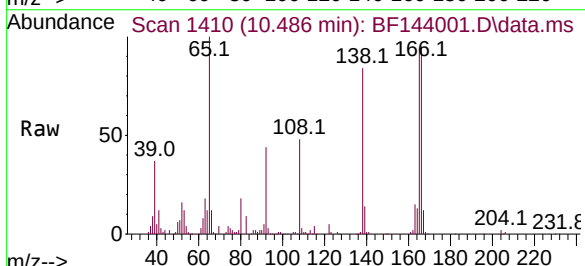
Tgt Ion:204 Resp: 24057
Ion Ratio Lower Upper
204 100
206 34.9 26.6 40.0
141 51.7 40.4 60.6

Manual Integrations
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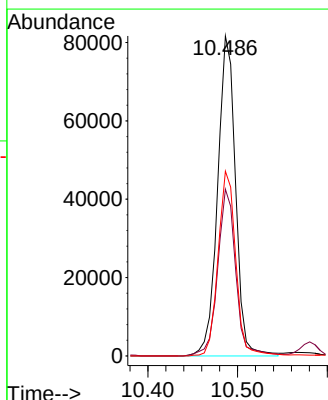
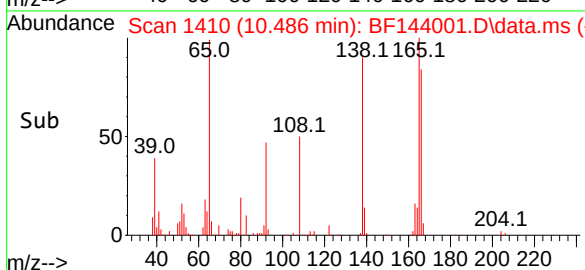
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

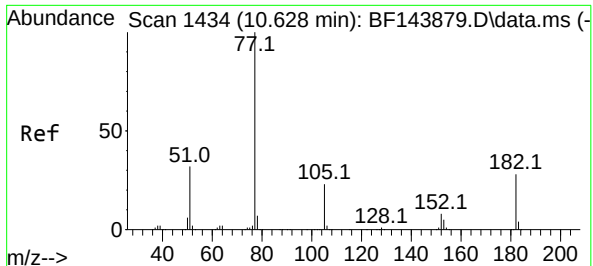


#62
4-Nitroaniline
Concen: 42.604 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



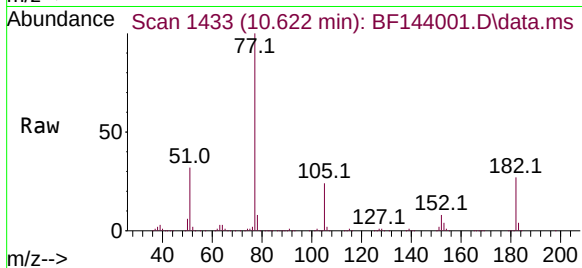
Tgt Ion:138 Resp: 113819
Ion Ratio Lower Upper
138 100
92 52.1 33.9 73.9
108 57.7 40.2 80.2





#63
Azobenzene
Concen: 47.463 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

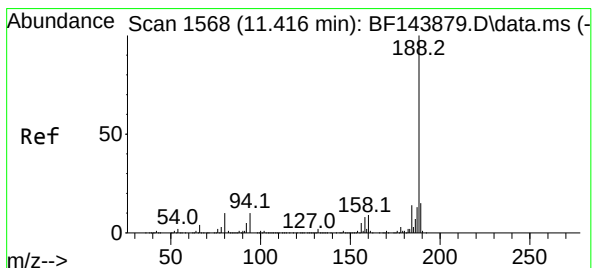
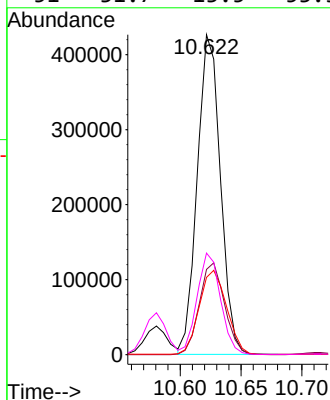
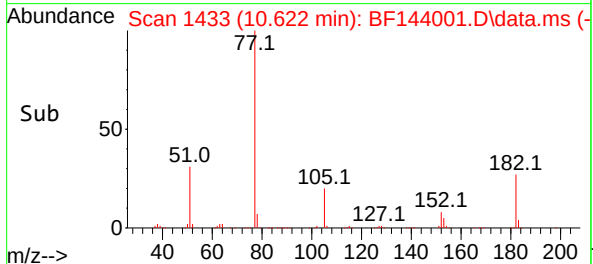
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion: 77 Resp: 563873
Ion Ratio Lower Upper
77 100
182 26.6 7.3 47.3
105 24.1 3.0 43.0
51 31.7 13.5 53.5

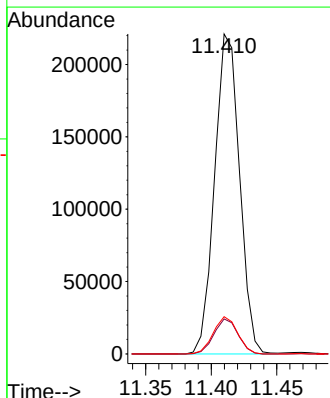
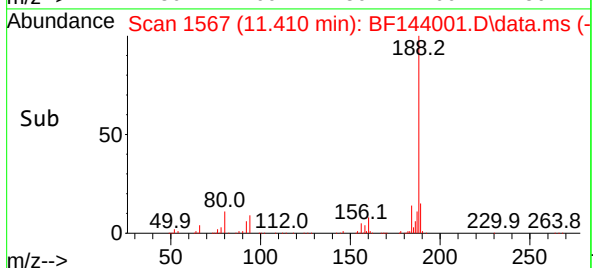
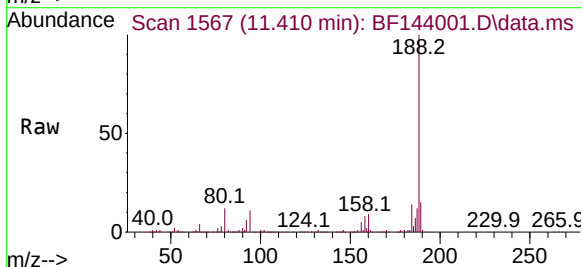
Manual Integrations
APPROVED

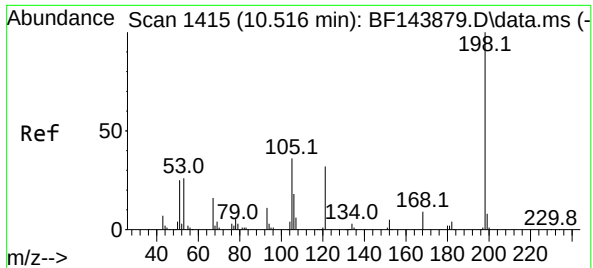
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

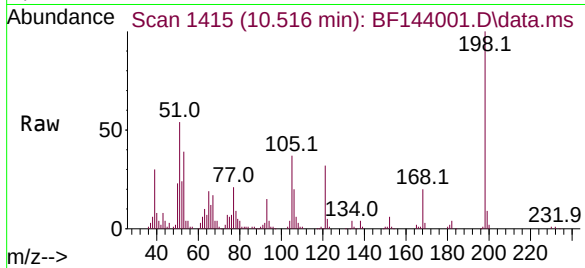
Tgt Ion:188 Resp: 292615
Ion Ratio Lower Upper
188 100
94 10.9 7.8 11.6
80 11.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.221 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

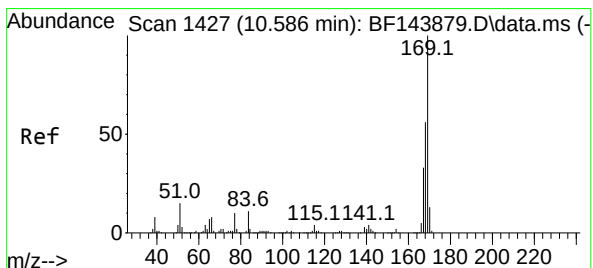
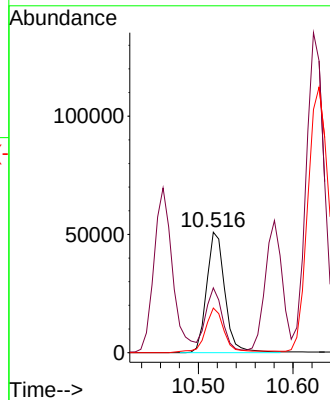
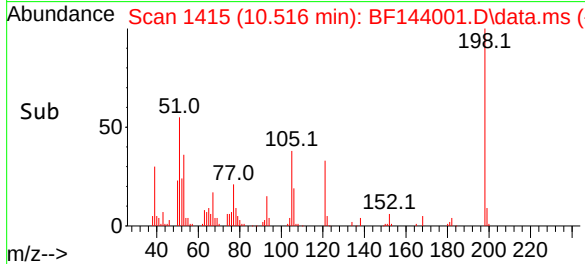
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



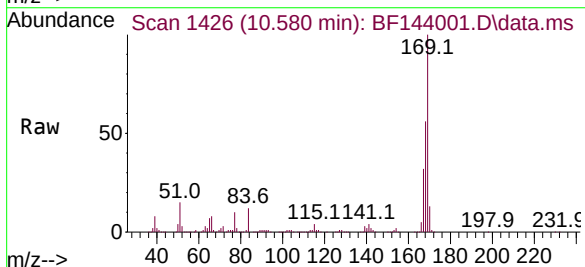
Tgt Ion:198 Resp: 67961
Ion Ratio Lower Upper
198 100
51 53.7 33.8 73.8
105 37.0 17.0 57.0

Manual Integrations
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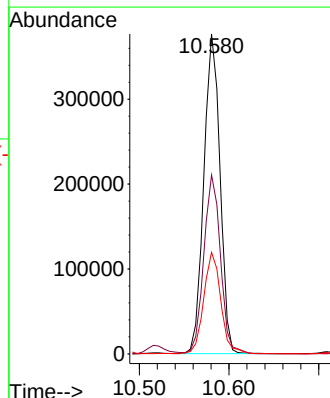
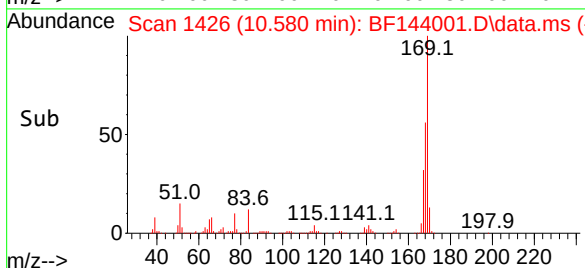
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

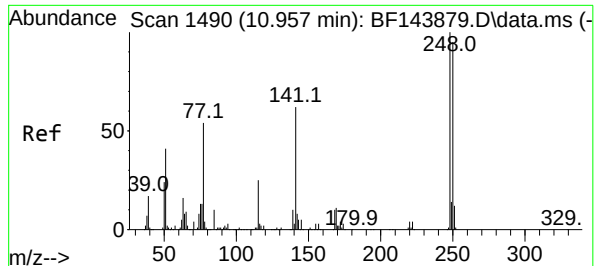


#66
n-Nitrosodiphenylamine
Concen: 51.409 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



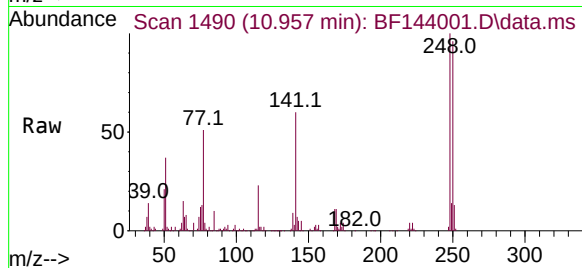
Tgt Ion:169 Resp: 472341
Ion Ratio Lower Upper
169 100
168 55.9 44.9 67.3
167 31.7 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 47.425 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

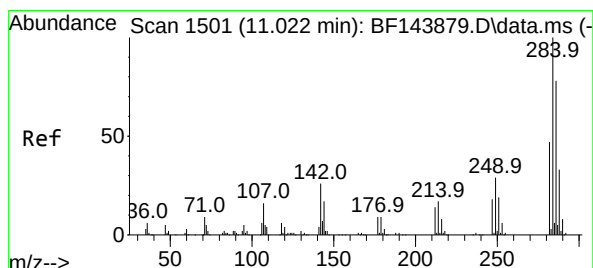
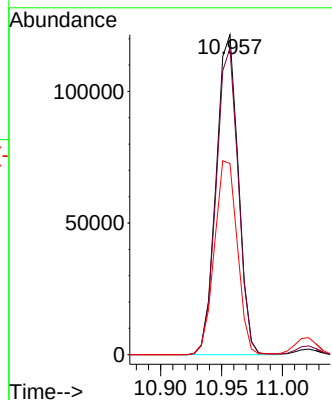
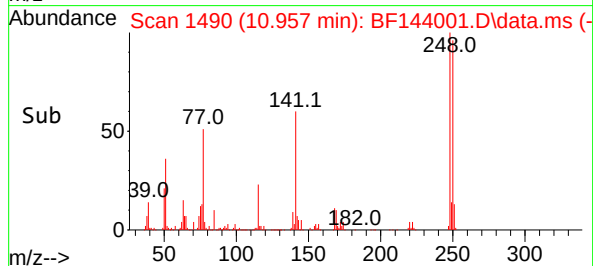
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



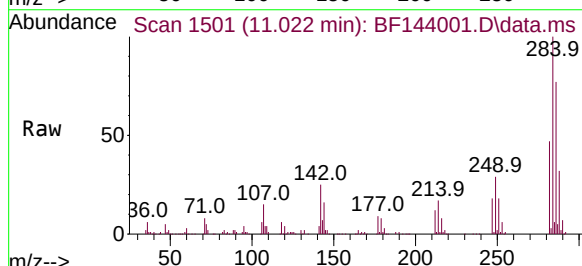
Tgt Ion:248 Resp: 153366
Ion Ratio Lower Upper
248 100
250 95.7 76.3 114.5
141 59.7 49.7 74.5

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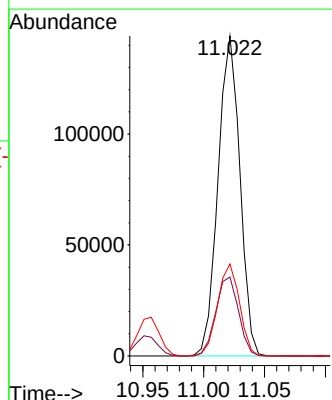
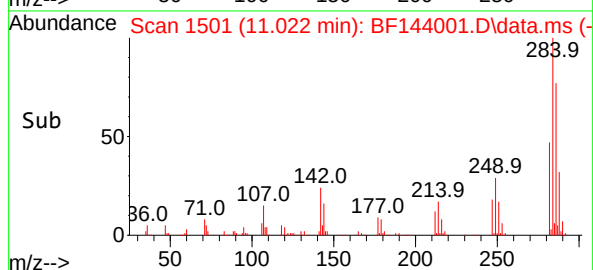
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

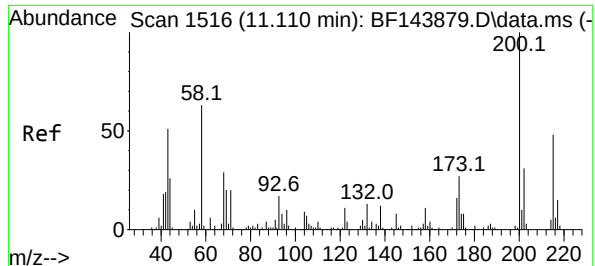


#68
Hexachlorobenzene
Concen: 48.080 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



Tgt Ion:284 Resp: 180006
Ion Ratio Lower Upper
284 100
142 24.6 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 50.060 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:200 Resp: 139405

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

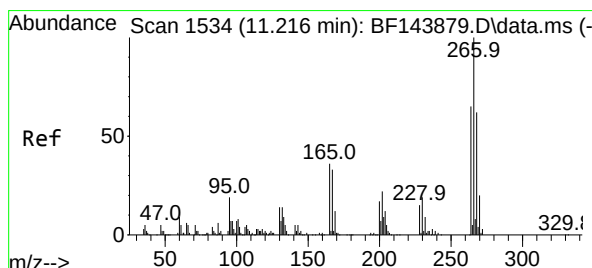
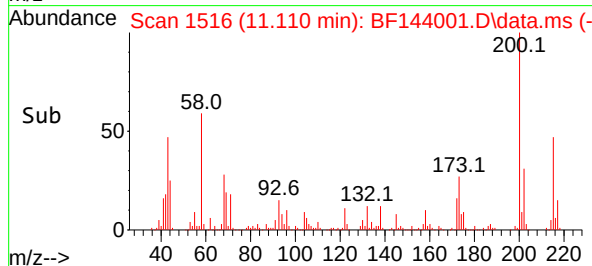
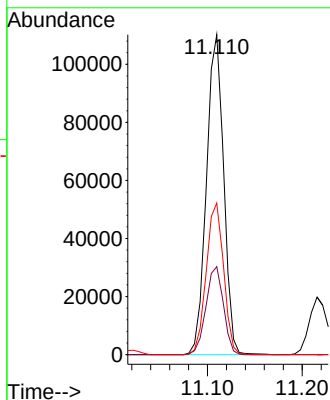
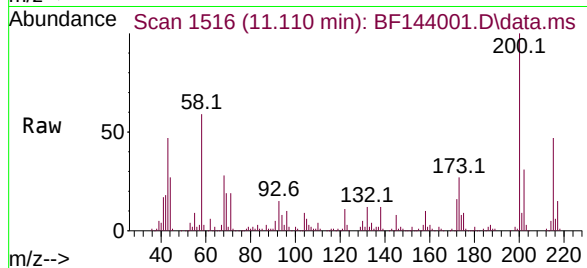
215 47.4 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#70

Pentachlorophenol

Concen: 78.548 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

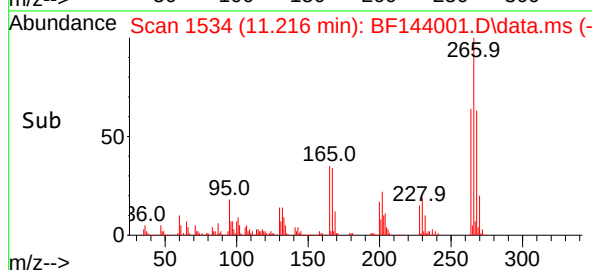
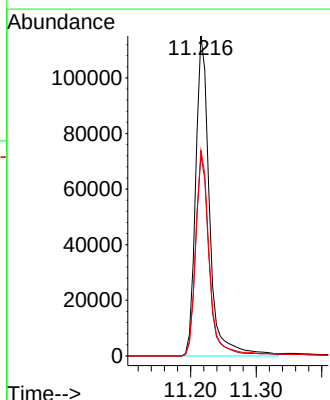
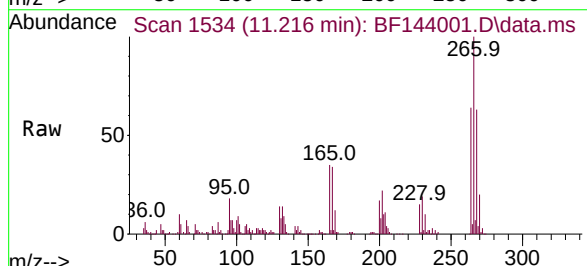
Tgt Ion:266 Resp: 168895

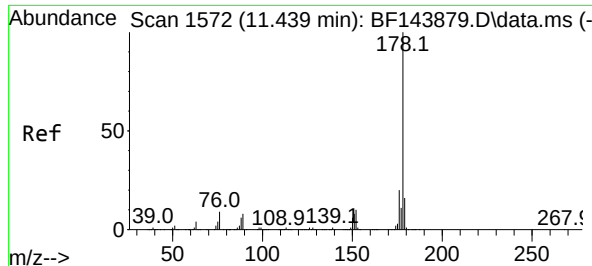
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

264 64.2 51.8 77.6





#71

Phenanthrene

Concen: 53.232 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:178 Resp: 755154

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

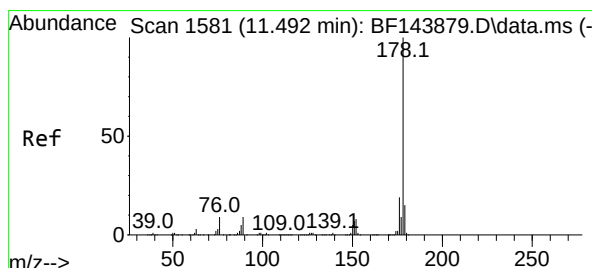
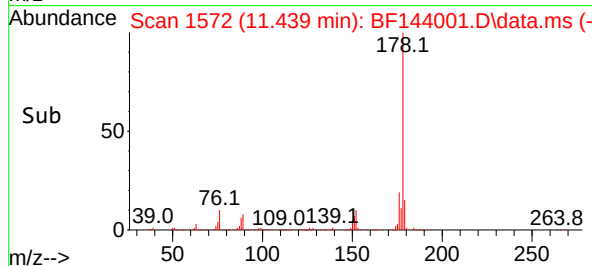
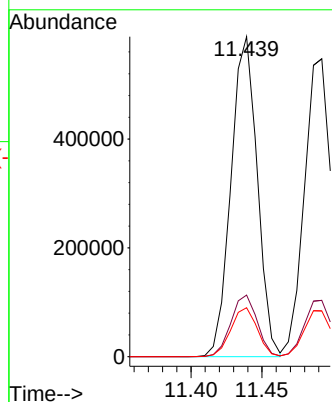
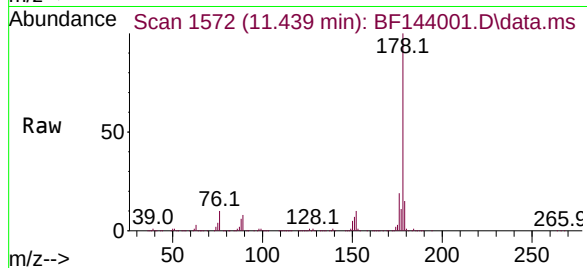
179 15.3 12.4 18.6

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#72

Anthracene

Concen: 50.624 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

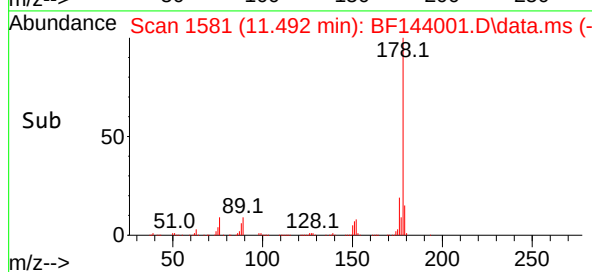
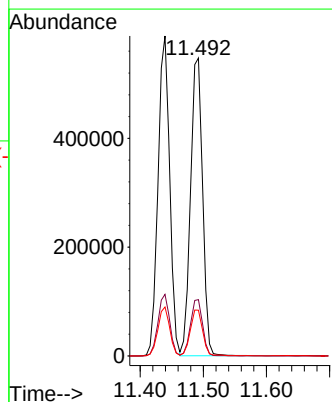
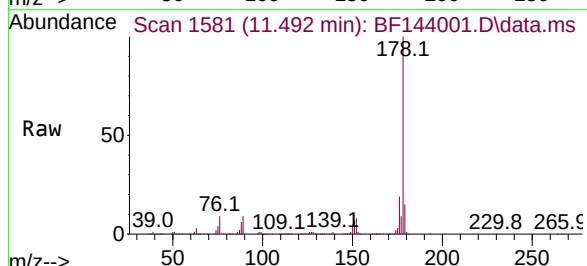
Tgt Ion:178 Resp: 725510

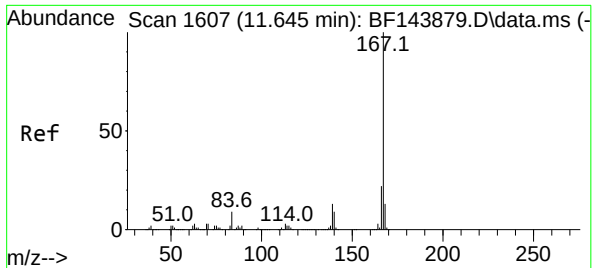
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

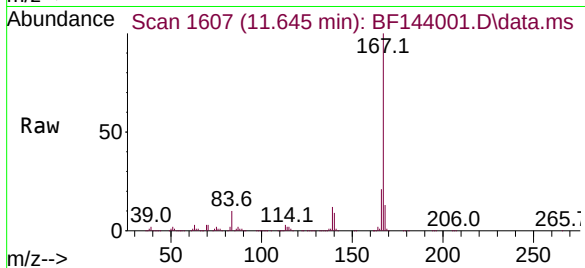
179 15.3 12.2 18.2





#73
Carbazole
Concen: 48.042 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

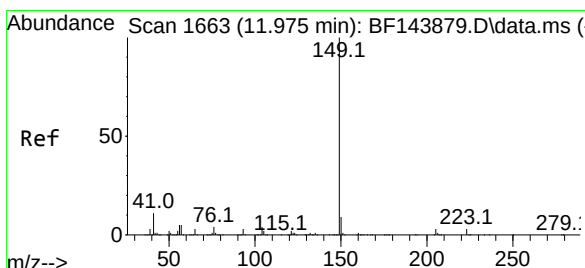
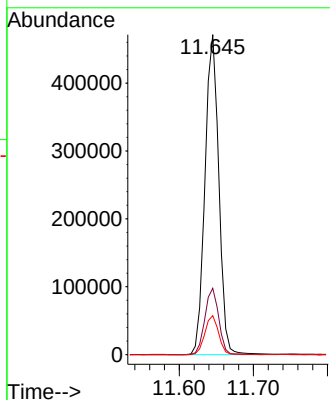
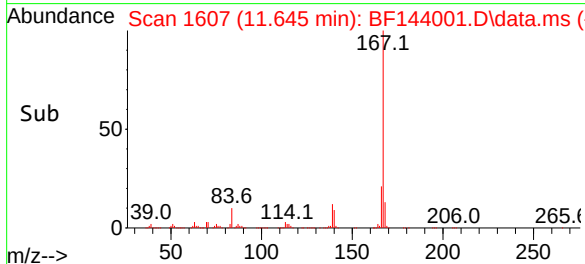
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



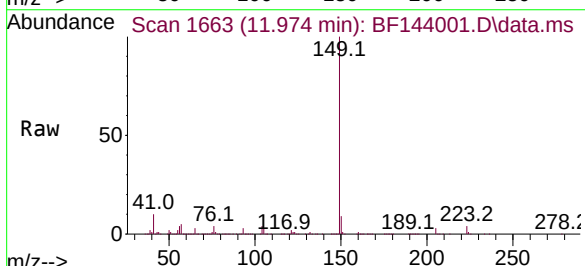
Tgt Ion:167 Resp: 609788
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.2 10.1 15.1

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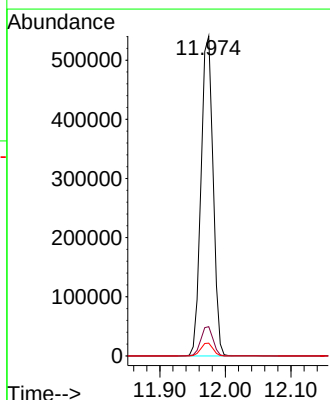
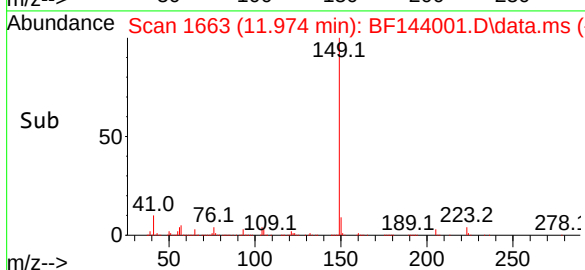
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

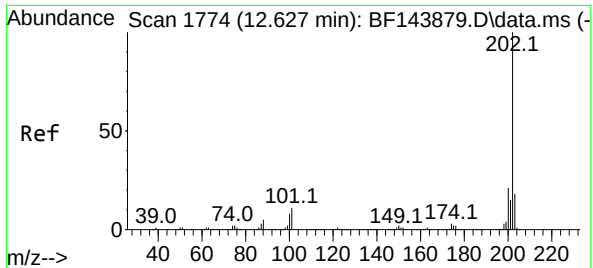


#74
Di-n-butylphthalate
Concen: 46.700 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



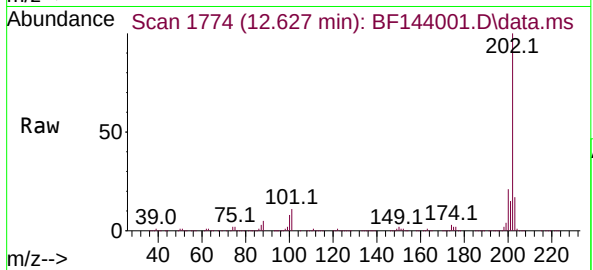
Tgt Ion:149 Resp: 686989
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 55.063 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

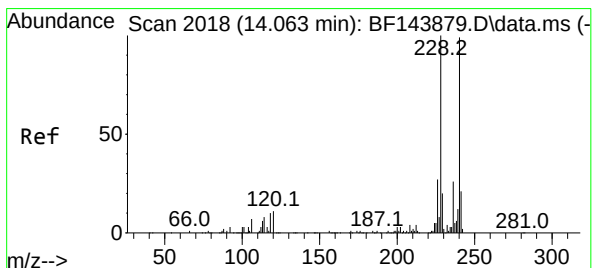
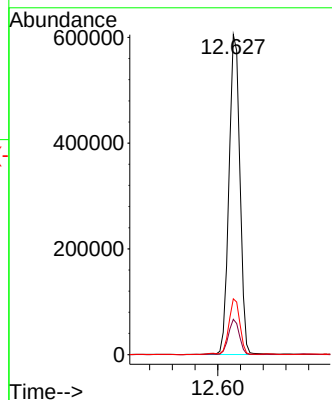
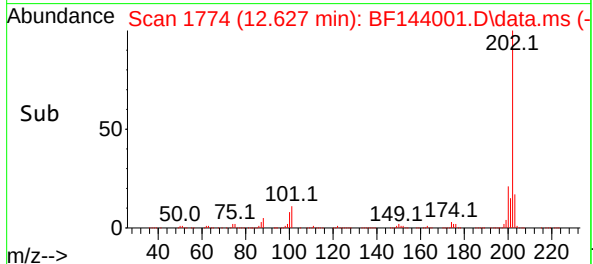
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



Tgt Ion:202 Resp: 806849
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.4 0.0 37.8

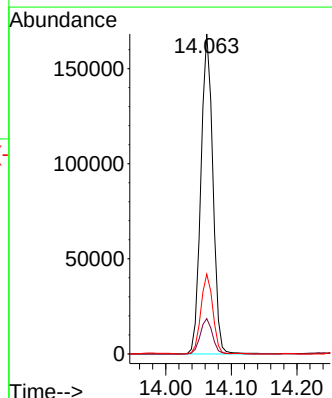
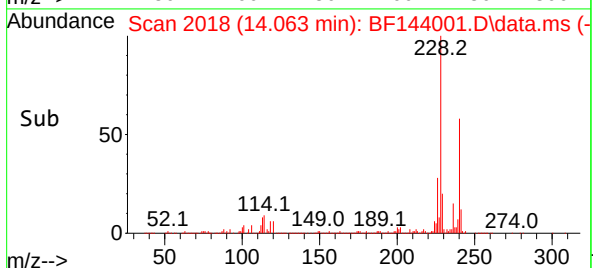
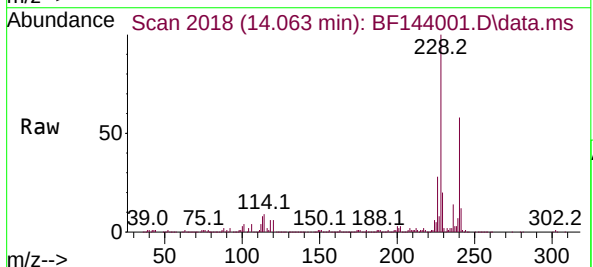
Manual Integrations
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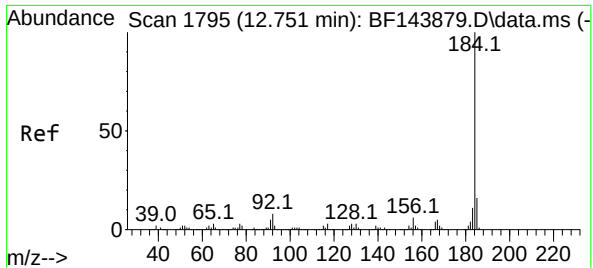
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

Tgt Ion:240 Resp: 212179
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 24.9 21.1 31.7





#77

Benzidine

Concen: 34.770 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:184 Resp: 256163

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

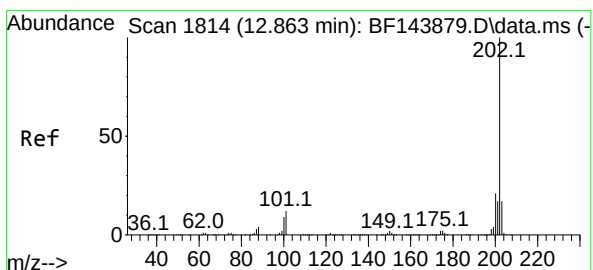
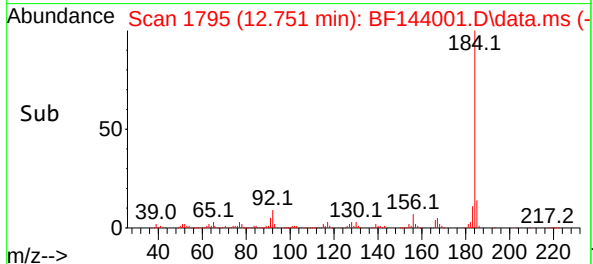
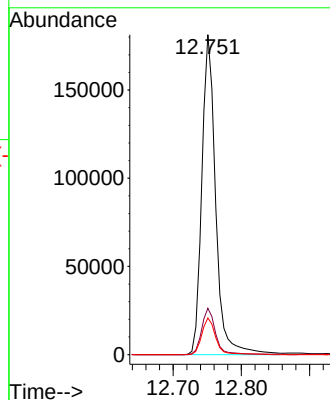
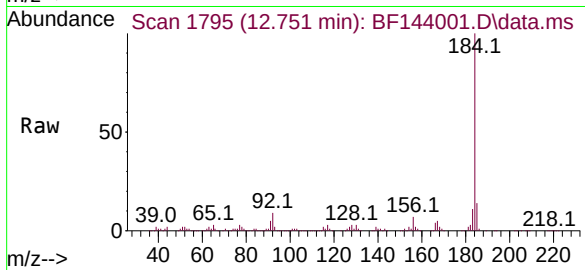
183 11.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#78

Pyrene

Concen: 45.708 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

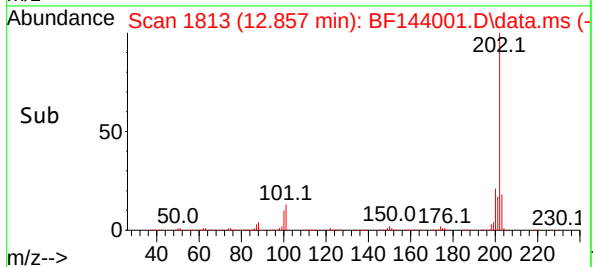
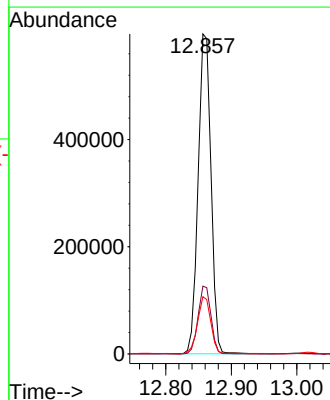
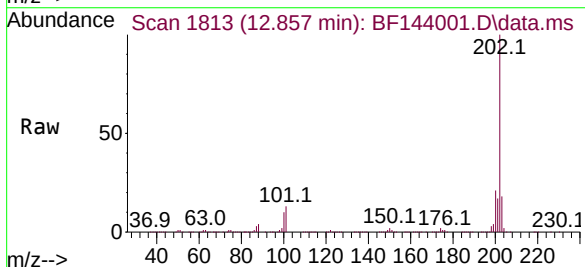
Tgt Ion:202 Resp: 808534

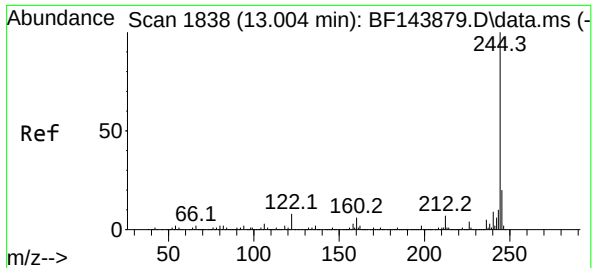
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 32.932 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:244 Resp: 40885

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

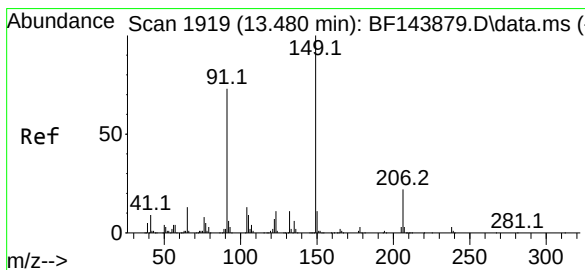
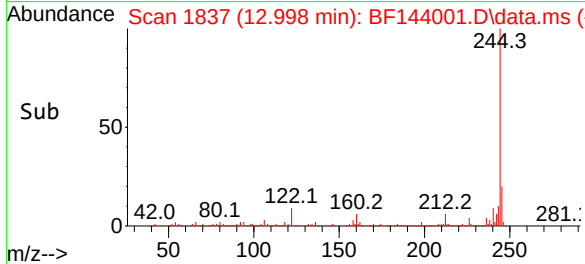
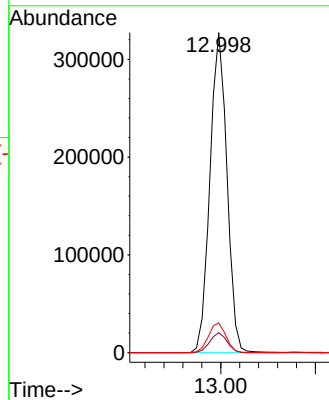
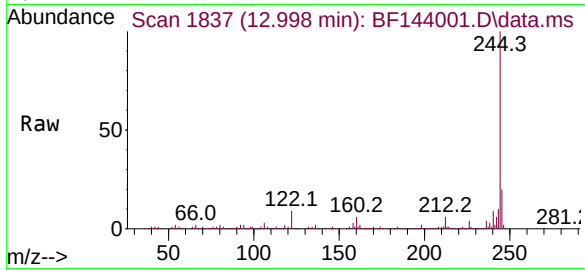
122 9.3 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#80

Butylbenzylphthalate

Concen: 45.487 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

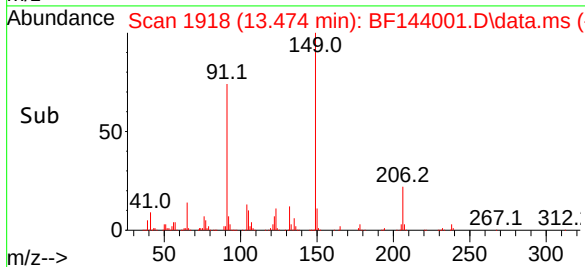
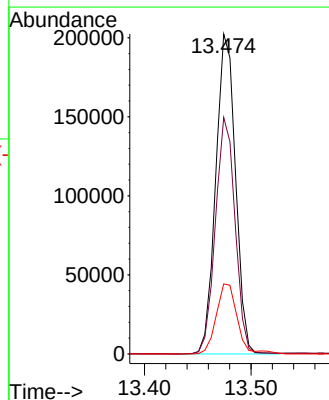
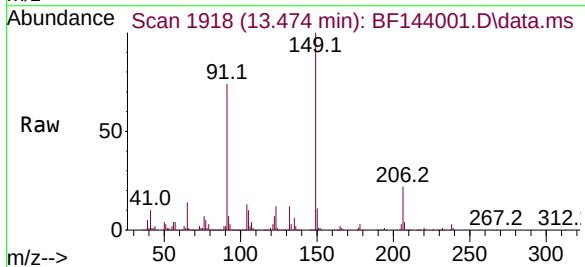
Tgt Ion:149 Resp: 261316

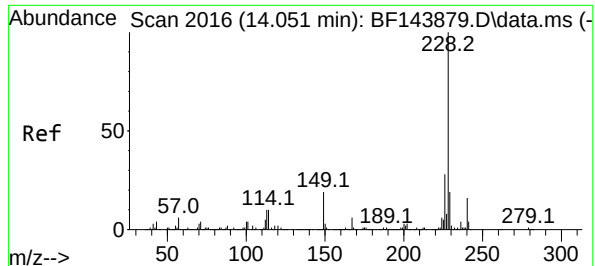
Ion Ratio Lower Upper

149 100

91 73.9 58.2 87.2

206 21.9 17.9 26.9





#81

Benzo(a)anthracene

Concen: 55.669 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:228 Resp: 772965

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

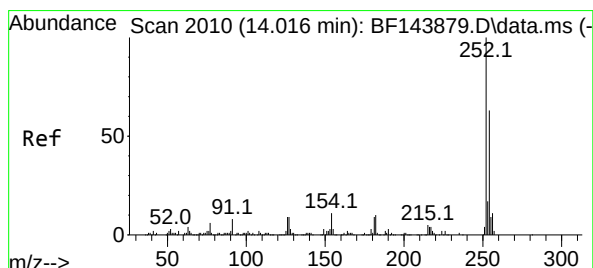
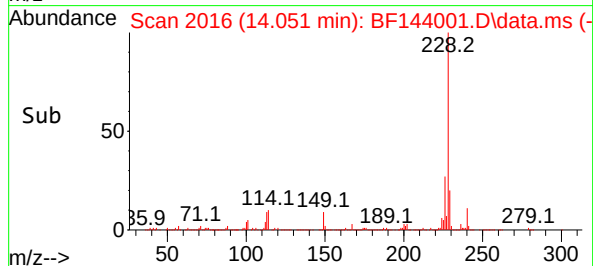
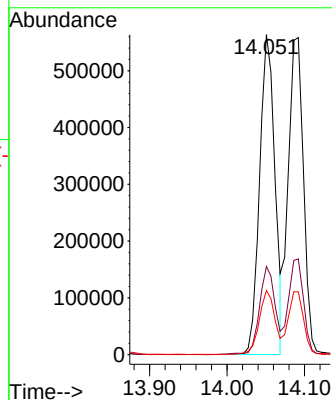
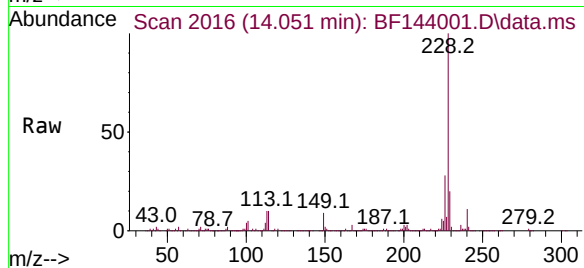
229 20.0 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#82

3,3'-Dichlorobenzidine

Concen: 32.891 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

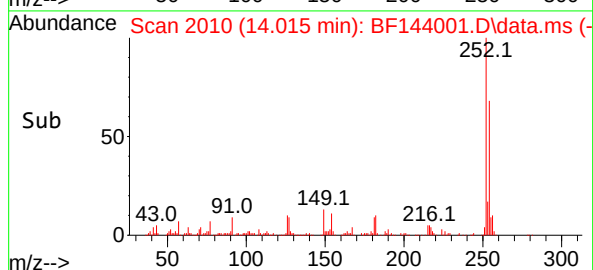
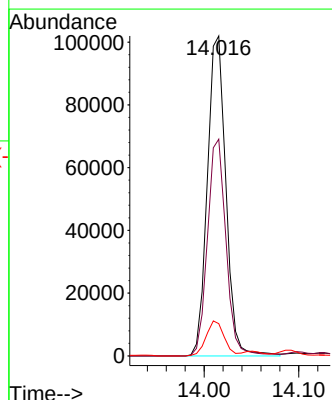
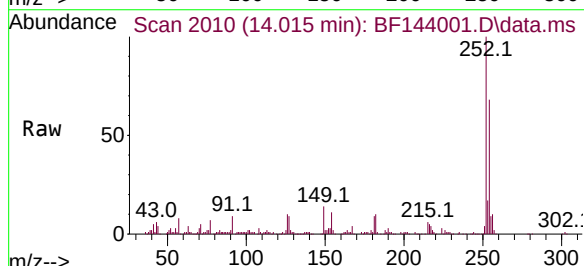
Tgt Ion:252 Resp: 139179

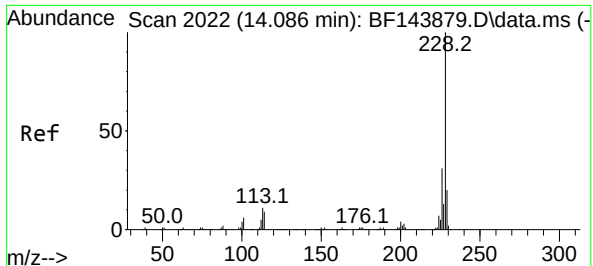
Ion Ratio Lower Upper

252 100

254 67.7 50.6 76.0

126 10.1 7.0 10.6





#83

Chrysene

Concen: 58.898 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:228 Resp: 75690

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

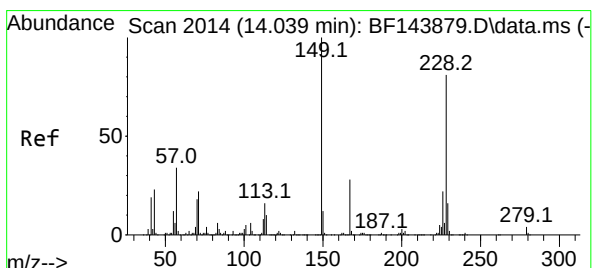
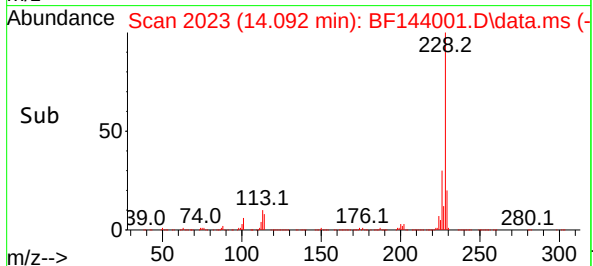
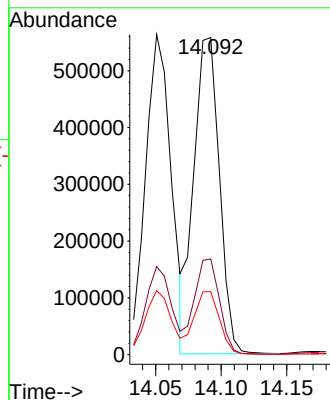
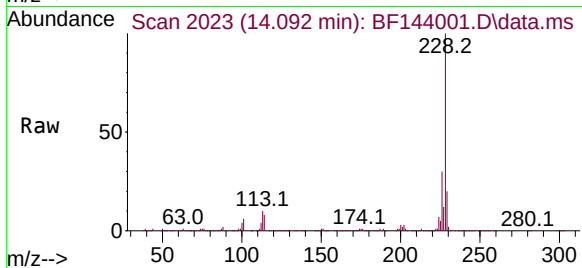
229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.284 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

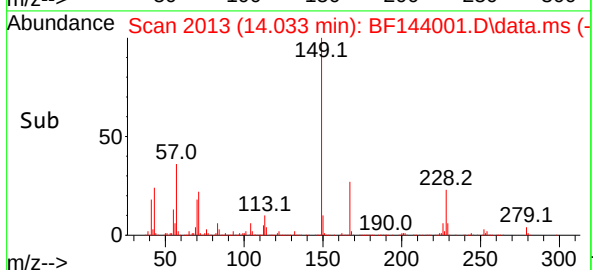
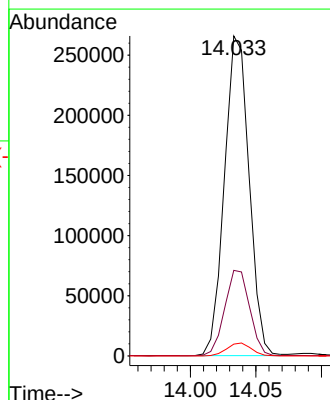
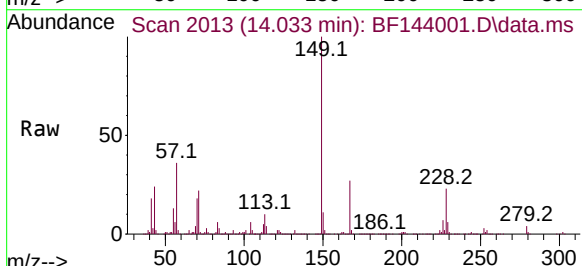
Tgt Ion:149 Resp: 348219

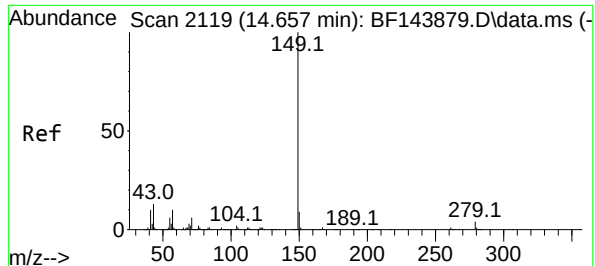
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.280 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:149 Resp: 65151

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

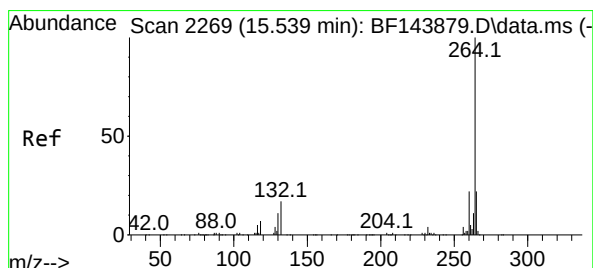
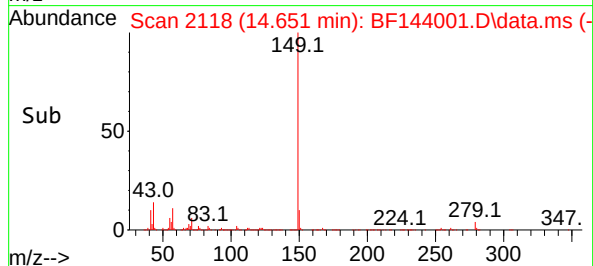
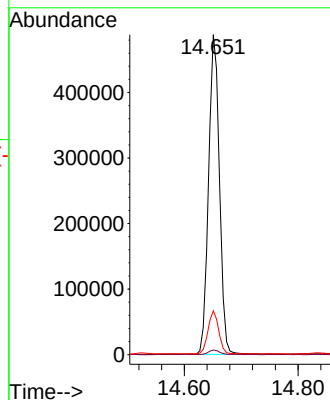
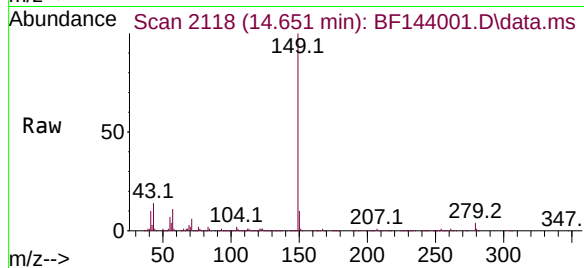
43 13.0 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

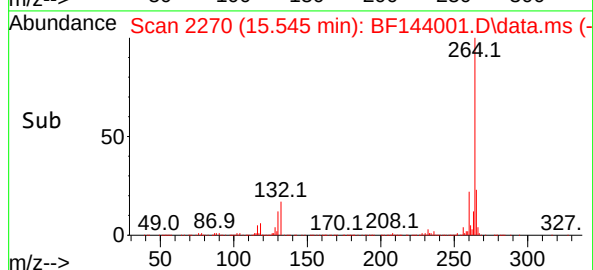
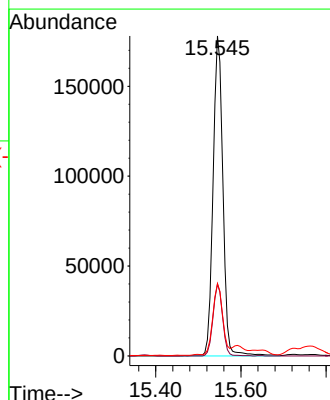
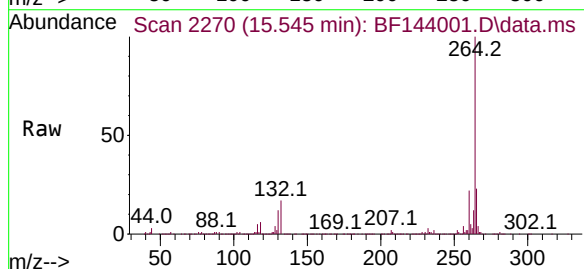
Tgt Ion:264 Resp: 285074

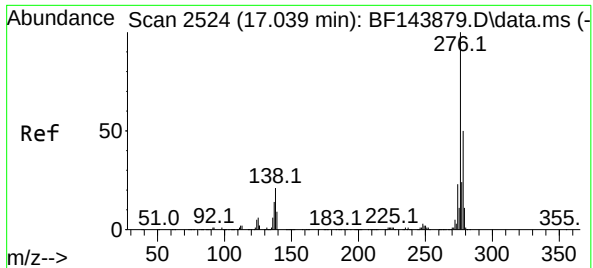
Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.240 ng

RT: 17.056 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:276 Resp: 912509

Ion Ratio Lower Upper

276 100

138 23.7 18.2 27.2

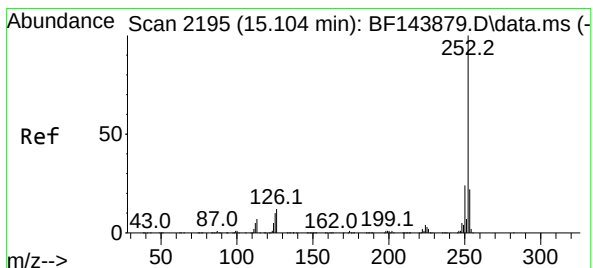
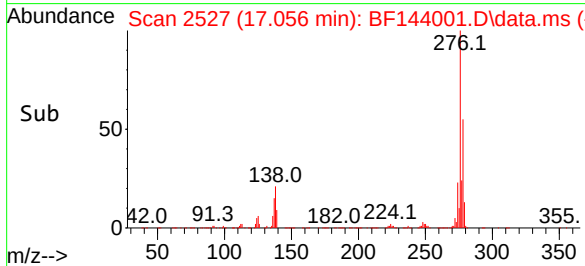
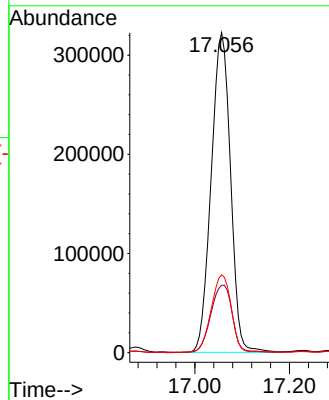
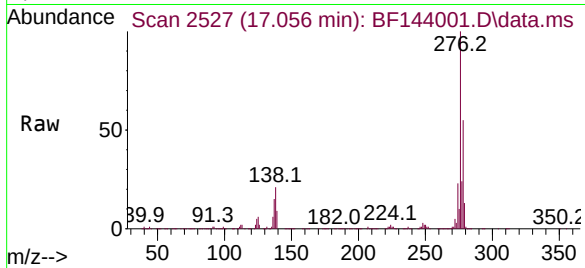
277 25.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#88

Benzo(b)fluoranthene

Concen: 56.327 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

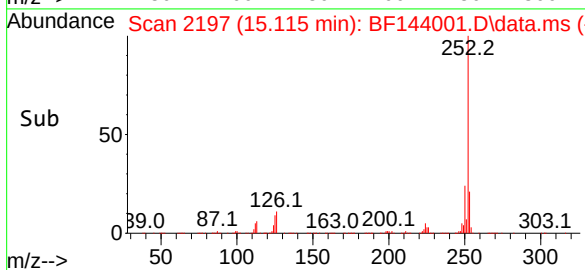
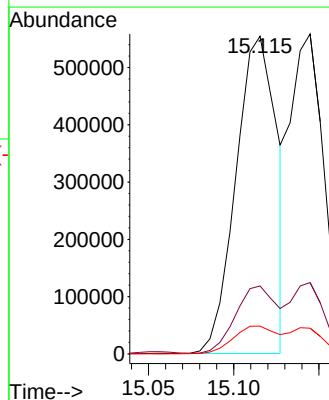
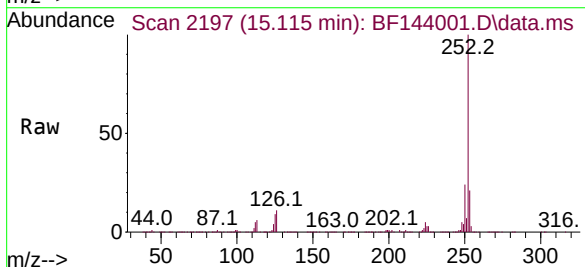
Tgt Ion:252 Resp: 922382

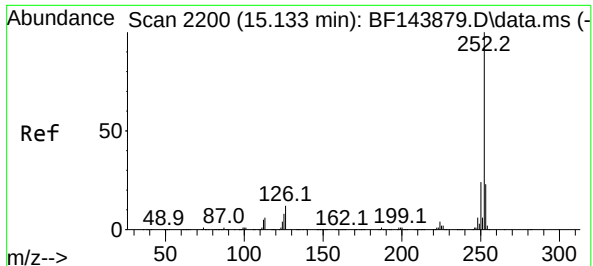
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 50.496 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:252 Resp: 765145

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

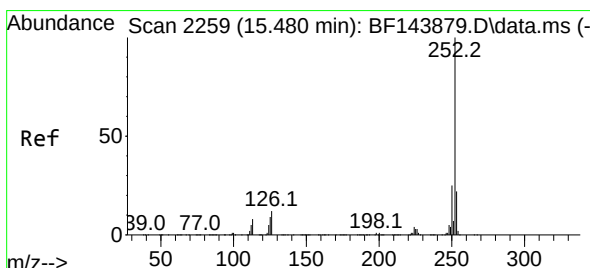
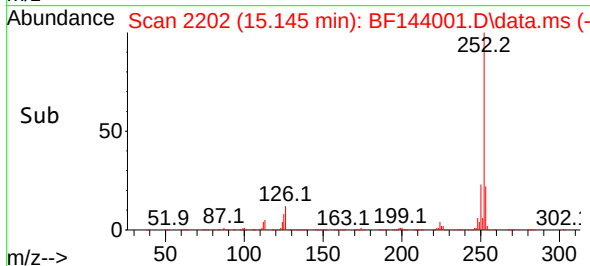
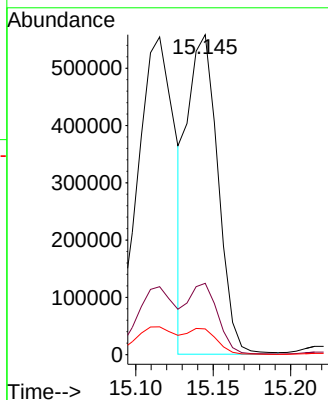
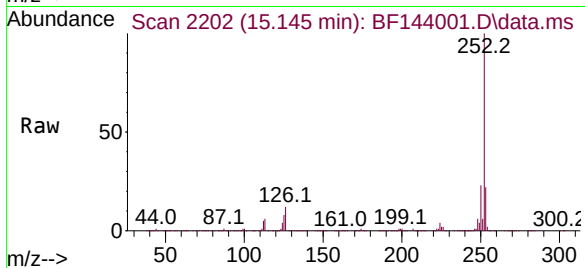
125 8.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#90

Benzo(a)pyrene

Concen: 56.544 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

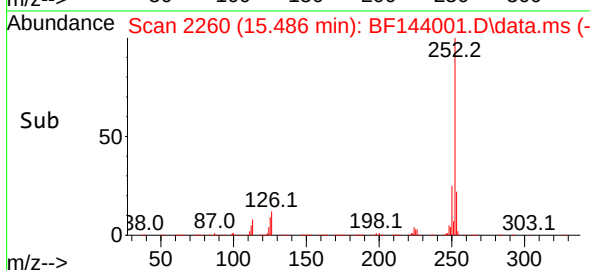
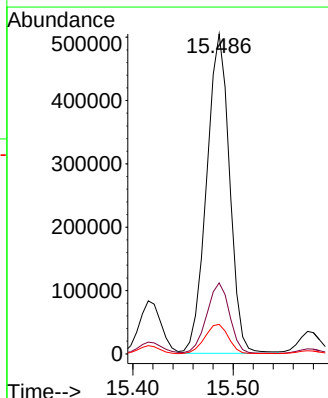
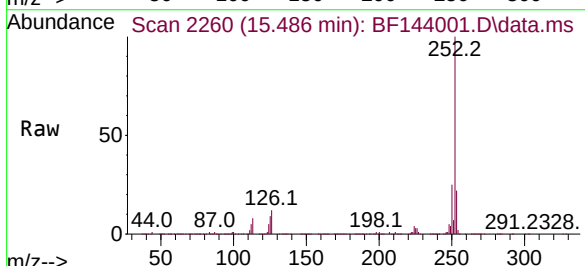
Tgt Ion:252 Resp: 802881

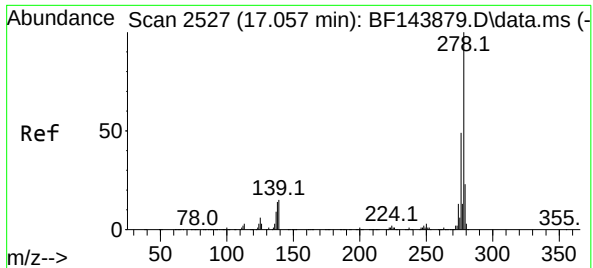
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

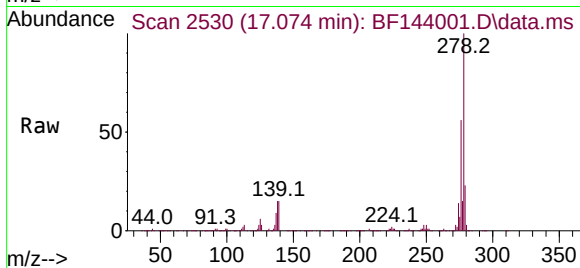
125 9.2 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 50.645 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27

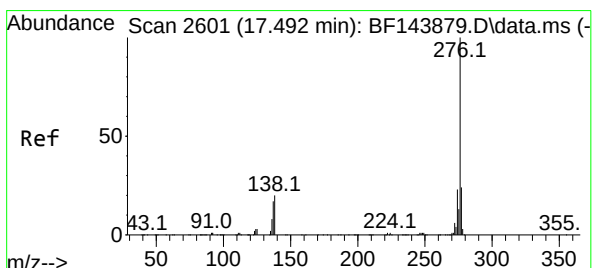
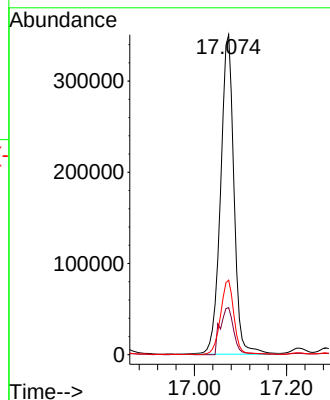
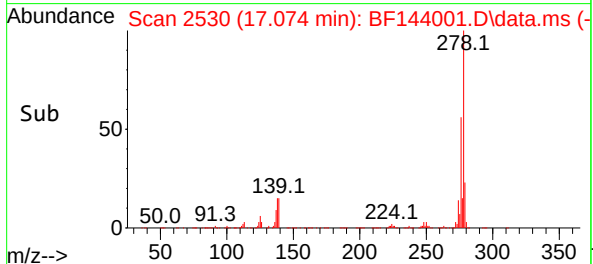
Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD



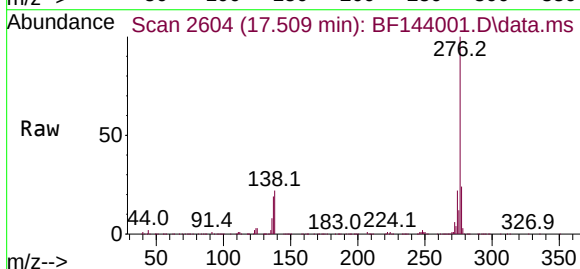
Tgt Ion: 278 Resp: 711492
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 23.3 18.4 27.6

Manual Integrations
APPROVED

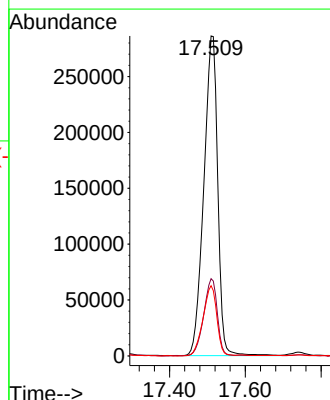
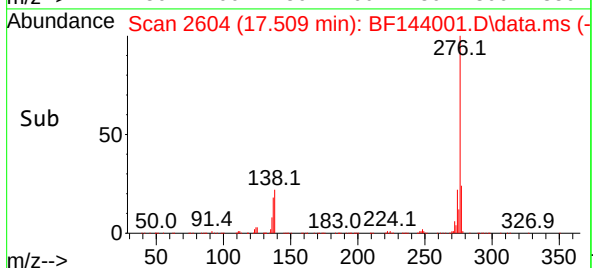
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 51.911 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144001.D
Acq: 20 Oct 2025 16:27



Tgt Ion: 276 Resp: 729280
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 22.0 16.1 24.1



Manual Integration Report

Sequence:	BF100625	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143876.D	Phenol	rahul	10/7/2025 9:06:31 AM	Jagrut	10/7/2025 11:32:03 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Benzoic acid	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Phenol	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Benzoic acid	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Phenol	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Benzoic acid	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Phenol	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICC080	BF143882.D	Benzoic acid	rahul	10/7/2025 9:06:44 AM	Jagrut	10/7/2025 11:32:12 AM	Peak Integrated by Software
SSTDICV040	BF143883.D	Phenol	rahul	10/7/2025 9:06:46 AM	Jagrut	10/7/2025 11:32:15 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF102025

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3381-03MSD	BF144001.D	2,3,4,6-Tetrachlorophen ol	rahul	10/21/2025 3:18:44 PM	Jagrut	10/21/2025 4:38:01 PM	Peak Integrated by Software



Manual Integration Report

Sequence:	BF102125	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BG100225	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064474.D	Anthracene	Rahul	10/3/2025 8:37:57 AM	Jagrut	10/3/2025 3:25:00 PM	Peak Integrated by Software
SSTDICC005	BG064474.D	Benzo(b)fluoranthene	Rahul	10/3/2025 8:37:57 AM	Jagrut	10/3/2025 3:25:00 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	1-Methylnaphthalene	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	Benzaldehyde	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	Benzoic acid	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICCC040	BG064477.D	Benzaldehyde	Rahul	10/3/2025 8:38:08 AM	Jagrut	10/3/2025 3:25:08 PM	Peak Integrated by Software
SSTDICCC040	BG064477.D	Benzoic acid	Rahul	10/3/2025 8:38:08 AM	Jagrut	10/3/2025 3:25:08 PM	Peak Integrated by Software
SSTDICC050	BG064478.D	Benzoic acid	Rahul	10/3/2025 8:38:10 AM	Jagrut	10/3/2025 3:25:09 PM	Peak Integrated by Software
SSTDICC060	BG064479.D	Benzoic acid	Rahul	10/3/2025 8:38:13 AM	Jagrut	10/3/2025 3:25:12 PM	Peak Integrated by Software
SSTDICC080	BG064480.D	Benzoic acid	Rahul	10/3/2025 8:38:15 AM	Jagrut	10/3/2025 3:25:14 PM	Peak Integrated by Software
SSTDICC010	BG064481.D	Benzoic acid	Rahul	10/3/2025 8:38:18 AM	Jagrut	10/3/2025 3:25:20 PM	Peak Integrated by Software
SSTDICV040	BG064482.D	Benzoic acid	Rahul	10/3/2025 8:38:21 AM	Jagrut	10/3/2025 3:25:22 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	BG100225	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BG102025	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064547.D	2,4,6-Trichlorophenol	rahul	10/21/2025 3:20:56 PM	Jagrut	10/21/2025 4:30:12 PM	Peak Integrated by Software
PB170165BS	BG064549.D	1-Methylnaphthalene	rahul	10/21/2025 3:21:01 PM	Jagrut	10/21/2025 4:30:15 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM
SubDirectory	BF100625	HP Acquire Method	BNA_F
		HP Processing Method	bf100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13177,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143874.D	06 Oct 2025 09:30	RC/JU	Ok
2	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59	RC/JU	Ok
3	SSTDICC005	BF143876.D	06 Oct 2025 10:28	RC/JU	Ok,M
4	SSTDICC010	BF143877.D	06 Oct 2025 10:57	RC/JU	Ok,M
5	SSTDICC020	BF143878.D	06 Oct 2025 11:56	RC/JU	Ok,M
6	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	RC/JU	Ok,M
7	SSTDICC050	BF143880.D	06 Oct 2025 13:23	RC/JU	Ok
8	SSTDICC060	BF143881.D	06 Oct 2025 13:53	RC/JU	Ok
9	SSTDICC080	BF143882.D	06 Oct 2025 14:22	RC/JU	Ok,M
10	SSTDICV040	BF143883.D	06 Oct 2025 16:08	RC/JU	Ok,M
11	PB169953BL	BF143884.D	06 Oct 2025 16:38	RC/JU	Not Ok
12	PB169953BS	BF143885.D	06 Oct 2025 17:07	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102025

Review By	rahul	Review On	10/21/2025 3:20:06 PM
Supervise By	Jagrut	Supervise On	10/21/2025 4:42:19 PM
SubDirectory	BF102025	HP Acquire Method	BNA_F
		HP Processing Method	BF100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13178,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143996.D	20 Oct 2025 12:02	RC/JU	Ok
2	SSTDCCC040	BF143997.D	20 Oct 2025 13:28	RC/JU	Ok
3	PB170165BL	BF143998.D	20 Oct 2025 13:57	RC/JU	Ok
4	Q3381-03	BF143999.D	20 Oct 2025 15:29	RC/JU	Ok,M
5	Q3381-03MS	BF144000.D	20 Oct 2025 15:57	RC/JU	Ok
6	Q3381-03MSD	BF144001.D	20 Oct 2025 16:27	RC/JU	Ok,M
7	Q3374-01	BF144002.D	20 Oct 2025 16:56	RC/JU	Ok,M
8	Q3381-01	BF144003.D	20 Oct 2025 17:25	RC/JU	Ok,M
9	Q3381-07	BF144004.D	20 Oct 2025 17:54	RC/JU	Ok,M
10	Q3382-01	BF144005.D	20 Oct 2025 18:24	RC/JU	Ok,M
11	Q3388-01	BF144006.D	20 Oct 2025 18:53	RC/JU	Ok,M
12	Q3390-01	BF144007.D	20 Oct 2025 19:22	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM
SubDirectory	BF102125	HP Acquire Method	BNA_F
		HP Processing Method	BF100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13178,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144008.D	21 Oct 2025 12:43	RC/JU	Ok
2	SSTDCCC040	BF144009.D	21 Oct 2025 13:29	RC/JU	Ok
3	PB170166BL	BF144010.D	21 Oct 2025 13:58	RC/JU	Ok
4	PB170166BS	BF144011.D	21 Oct 2025 14:26	RC/JU	Ok,M
5	PB170166BSD	BF144012.D	21 Oct 2025 14:59	RC/JU	Ok,M
6	Q3386-03	BF144013.D	21 Oct 2025 15:33	RC/JU	Ok,M
7	Q3386-04	BF144014.D	21 Oct 2025 16:03	RC/JU	Ok,M
8	Q3375-01	BF144015.D	21 Oct 2025 16:32	RC/JU	Ok
9	Q3375-02	BF144016.D	21 Oct 2025 17:02	RC/JU	Ok
10	Q3375-03	BF144017.D	21 Oct 2025 17:31	RC/JU	Ok
11	Q3375-04	BF144018.D	21 Oct 2025 18:01	RC/JU	Ok
12	Q3375-05	BF144019.D	21 Oct 2025 18:30	RC/JU	Ok
13	Q3402-07	BF144020.D	21 Oct 2025 18:59	RC/JU	Ok
14	Q3402-07MS	BF144021.D	21 Oct 2025 19:28	RC/JU	Ok
15	Q3402-07MSD	BF144022.D	21 Oct 2025 19:58	RC/JU	Ok
16	Q3402-10	BF144023.D	21 Oct 2025 20:27	RC/JU	Ok,M
17	Q3403-01	BF144024.D	21 Oct 2025 20:56	RC/JU	Ok,M
18	Q3397-01	BF144025.D	21 Oct 2025 21:25	RC/JU	Ok
19	Q3402-04	BF144026.D	21 Oct 2025 21:55	RC/JU	Ok
20	Q3402-01	BF144027.D	21 Oct 2025 22:24	RC/JU	Ok,M
21	Q3376-01	BF144028.D	21 Oct 2025 22:53	RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM
SubDirectory	BF102125	HP Acquire Method	BNA_F
		HP Processing Method	BF100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13178,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3376-02	BF144029.D	21 Oct 2025 23:22	RC/JU	Ok,M
23	Q3393-02	BF144030.D	21 Oct 2025 23:51	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG100225

Review By	Rahul	Review On	10/3/2025 8:38:44 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:25:38 PM		
SubDirectory	BG100225	HP Acquire Method	BNA_G	HP Processing Method	bg100225
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13176,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064472.D	2 Oct 2025 8:21	RC/JU	Ok
2	SSTDICC2.5	BG064473.D	2 Oct 2025 9:01	RC/JU	Ok
3	SSTDICC005	BG064474.D	2 Oct 2025 9:42	RC/JU	Ok,M
4	SSTDICC010	BG064475.D	2 Oct 2025 10:53	RC/JU	Not Ok
5	SSTDICC020	BG064476.D	2 Oct 2025 11:33	RC/JU	Ok,M
6	SSTDICCC040	BG064477.D	2 Oct 2025 12:14	RC/JU	Ok,M
7	SSTDICC050	BG064478.D	2 Oct 2025 12:55	RC/JU	Ok,M
8	SSTDICC060	BG064479.D	2 Oct 2025 13:35	RC/JU	Ok,M
9	SSTDICC080	BG064480.D	2 Oct 2025 14:16	RC/JU	Ok,M
10	SSTDICC010	BG064481.D	2 Oct 2025 15:49	RC/JU	Ok,M
11	SSTDICV040	BG064482.D	2 Oct 2025 18:09	RC/JU	Ok,M
12	PB169936BL	BG064483.D	2 Oct 2025 18:50	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG102025

Review By	rahul	Review On	10/21/2025 3:22:12 PM
Supervise By	Jagrut	Supervise On	10/21/2025 4:30:57 PM
SubDirectory	BG102025	HP Acquire Method	BNA_G
		HP Processing Method	bg100225
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13178,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064546.D	20 Oct 2025 12:03	RC/JU	Ok
2	SSTDCCC040	BG064547.D	20 Oct 2025 12:44	RC/JU	Ok,M
3	PB170165BL	BG064548.D	20 Oct 2025 13:44	RC/JU	Ok
4	PB170165BS	BG064549.D	20 Oct 2025 14:25	RC/JU	Ok,M
5	Q3374-05	BG064550.D	20 Oct 2025 15:21	RC/JU	Ok
6	Q3390-03	BG064551.D	20 Oct 2025 16:02	RC/JU	Ok,M
7	Q3386-01	BG064552.D	20 Oct 2025 16:43	RC/JU	Ok
8	Q3392-01	BG064553.D	20 Oct 2025 17:24	RC/JU	Ok,M
9	Q3392-05	BG064554.D	20 Oct 2025 18:05	RC/JU	Ok,M
10	Q3381-05	BG064555.D	20 Oct 2025 18:46	RC/JU	Ok,M
11	Q3383-01	BG064556.D	20 Oct 2025 19:27	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM
SubDirectory	BF100625	HP Acquire Method	BNA_F
		HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143874.D	06 Oct 2025 09:30		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143876.D	06 Oct 2025 10:28		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF143877.D	06 Oct 2025 10:57		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143878.D	06 Oct 2025 11:56		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143880.D	06 Oct 2025 13:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143881.D	06 Oct 2025 13:53		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143882.D	06 Oct 2025 14:22	Compound #45 & #77 removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBF100625	BF143883.D	06 Oct 2025 16:08		RC/JU	Ok,M
11	PB169953BL	PB169953BL	BF143884.D	06 Oct 2025 16:38	Surrogate Fail	RC/JU	Not Ok
12	PB169953BS	PB169953BS	BF143885.D	06 Oct 2025 17:07	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102025

Review By	rahul	Review On	10/21/2025 3:20:06 PM
Supervise By	Jagrut	Supervise On	10/21/2025 4:42:19 PM
SubDirectory	BF102025	HP Acquire Method	BNA_F
		HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143996.D	20 Oct 2025 12:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143997.D	20 Oct 2025 13:28		RC/JU	Ok
3	PB170165BL	PB170165BL	BF143998.D	20 Oct 2025 13:57		RC/JU	Ok
4	Q3381-03	VNJ-245	BF143999.D	20 Oct 2025 15:29		RC/JU	Ok,M
5	Q3381-03MS	VNJ-245MS	BF144000.D	20 Oct 2025 15:57		RC/JU	Ok
6	Q3381-03MSD	VNJ-245MSD	BF144001.D	20 Oct 2025 16:27		RC/JU	Ok,M
7	Q3374-01	TP-4-WC	BF144002.D	20 Oct 2025 16:56		RC/JU	Ok,M
8	Q3381-01	VNJ-222	BF144003.D	20 Oct 2025 17:25		RC/JU	Ok,M
9	Q3381-07	VNJ-255	BF144004.D	20 Oct 2025 17:54		RC/JU	Ok,M
10	Q3382-01	CENTRAL-AVE-TP	BF144005.D	20 Oct 2025 18:24		RC/JU	Ok,M
11	Q3388-01	461	BF144006.D	20 Oct 2025 18:53	Surrogate & Internal Standard fail	RC/JU	Ok,M
12	Q3390-01	4174	BF144007.D	20 Oct 2025 19:22		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM
SubDirectory	BF102125	HP Acquire Method	BNA_F
		HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144008.D	21 Oct 2025 12:43		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144009.D	21 Oct 2025 13:29		RC/JU	Ok
3	PB170166BL	PB170166BL	BF144010.D	21 Oct 2025 13:58		RC/JU	Ok
4	PB170166BS	PB170166BS	BF144011.D	21 Oct 2025 14:26		RC/JU	Ok,M
5	PB170166BSD	PB170166BSD	BF144012.D	21 Oct 2025 14:59		RC/JU	Ok,M
6	Q3386-03	3443	BF144013.D	21 Oct 2025 15:33	Internal standard fail	RC/JU	Ok,M
7	Q3386-04	3444	BF144014.D	21 Oct 2025 16:03		RC/JU	Ok,M
8	Q3375-01	PR132-S02-074099-20	BF144015.D	21 Oct 2025 16:32		RC/JU	Ok
9	Q3375-02	PR132-S04-000013-20	BF144016.D	21 Oct 2025 17:02		RC/JU	Ok
10	Q3375-03	PR132-S05-000057-20	BF144017.D	21 Oct 2025 17:31		RC/JU	Ok
11	Q3375-04	PR132-S02-010074-20	BF144018.D	21 Oct 2025 18:01		RC/JU	Ok
12	Q3375-05	PR132-DP02-074099-2	BF144019.D	21 Oct 2025 18:30		RC/JU	Ok
13	Q3402-07	41-LB	BF144020.D	21 Oct 2025 18:59		RC/JU	Ok
14	Q3402-07MS	41-LBMS	BF144021.D	21 Oct 2025 19:28		RC/JU	Ok
15	Q3402-07MSD	41-LBMSD	BF144022.D	21 Oct 2025 19:58		RC/JU	Ok
16	Q3402-10	41-RB	BF144023.D	21 Oct 2025 20:27		RC/JU	Ok,M
17	Q3403-01	MH-18	BF144024.D	21 Oct 2025 20:56		RC/JU	Ok,M
18	Q3397-01	TP-7-WC	BF144025.D	21 Oct 2025 21:25		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102125

Review By	rahul	Review On	10/22/2025 2:35:54 PM		
Supervise By	Jagrut	Supervise On	10/22/2025 2:50:46 PM		
SubDirectory	BF102125	HP Acquire Method	BNA_F	HP Processing Method	BF100625
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13178,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3402-04	41-RA	BF144026.D	21 Oct 2025 21:55		RC/JU	Ok
20	Q3402-01	41-LA	BF144027.D	21 Oct 2025 22:24		RC/JU	Ok,M
21	Q3376-01	PR132-S05-057082-20	BF144028.D	21 Oct 2025 22:53		RC/JU	Ok,M
22	Q3376-02	PR132-DP01-20251016	BF144029.D	21 Oct 2025 23:22		RC/JU	Ok,M
23	Q3393-02	PR132-S10-022047-20	BF144030.D	21 Oct 2025 23:51		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG100225

Review By	Rahul	Review On	10/3/2025 8:38:44 AM
Supervise By	Jagrut	Supervise On	10/3/2025 3:25:38 PM
SubDirectory	BG100225	HP Acquire Method	BNA_G
		HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064472.D	2 Oct 2025 8:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064473.D	2 Oct 2025 9:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064474.D	2 Oct 2025 9:42		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064475.D	2 Oct 2025 10:53	Not Used	RC/JU	Not Ok
5	SSTDICC020	SSTDICC020	BG064476.D	2 Oct 2025 11:33		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064477.D	2 Oct 2025 12:14	Compound failed in the calibration. #77	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064478.D	2 Oct 2025 12:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064479.D	2 Oct 2025 13:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064480.D	2 Oct 2025 14:16		RC/JU	Ok,M
10	SSTDICC010	SSTDICC010	BG064481.D	2 Oct 2025 15:49		RC/JU	Ok,M
11	SSTDICV040	ICVBG100225	BG064482.D	2 Oct 2025 18:09		RC/JU	Ok,M
12	PB169936BL	PB169936BL	BG064483.D	2 Oct 2025 18:50	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102025

Review By	rahul	Review On	10/21/2025 3:22:12 PM
Supervise By	Jagrut	Supervise On	10/21/2025 4:30:57 PM
SubDirectory	BG102025	HP Acquire Method	BNA_G
		HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064546.D	20 Oct 2025 12:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064547.D	20 Oct 2025 12:44		RC/JU	Ok,M
3	PB170165BL	PB170165BL	BG064548.D	20 Oct 2025 13:44		RC/JU	Ok
4	PB170165BS	PB170165BS	BG064549.D	20 Oct 2025 14:25		RC/JU	Ok,M
5	Q3374-05	TP-5-WC	BG064550.D	20 Oct 2025 15:21		RC/JU	Ok
6	Q3390-03	340	BG064551.D	20 Oct 2025 16:02		RC/JU	Ok,M
7	Q3386-01	237	BG064552.D	20 Oct 2025 16:43		RC/JU	Ok
8	Q3392-01	MH-20	BG064553.D	20 Oct 2025 17:24		RC/JU	Ok,M
9	Q3392-05	MH-19	BG064554.D	20 Oct 2025 18:05		RC/JU	Ok,M
10	Q3381-05	RBR200059	BG064555.D	20 Oct 2025 18:46		RC/JU	Ok,M
11	Q3383-01	OR-03-101725	BG064556.D	20 Oct 2025 19:27		RC/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 10/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:25
Out Date: 10/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB137576

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3373-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3373-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3373-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3373-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3373-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3373-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3374-01	TP-4-WC	7	1.15	10.69	11.84	10.25	85.1	
Q3374-02	TP-4-WC-EPH	8	1.11	10.86	11.97	11.38	94.6	
Q3374-03	TP-4-WC-VOC	9	1.15	10.45	11.6	10.31	87.7	
Q3374-05	TP-5-WC	10	1.13	10.30	11.43	10.72	93.1	
Q3374-06	TP-5-WC-EPH	11	1.17	10.34	11.51	9.95	84.9	
Q3374-07	TP-5-WC-VOC	12	1.18	10.94	12.12	11.19	91.5	
Q3375-01	PR132-S02-074099-20251016	13	1.12	10.21	11.33	8.19	69.2	
Q3375-02	PR132-S04-000013-20251016	14	1.15	10.84	11.99	9.25	74.7	
Q3375-03	PR132-S05-000057-20251016	15	1.16	10.58	11.74	8.22	66.7	
Q3375-04	PR132-S02-010074-20251016	16	1.14	10.34	11.48	6.86	55.3	
Q3375-05	PR132-DP02-074099-20251016	17	1.15	10.84	11.99	8.38	66.7	
Q3376-01	PR132-S05-057082-20251016	18	1.13	10.84	11.97	6.93	53.5	
Q3376-02	PR132-DP01-20251016	19	1.16	10.07	11.23	6.56	53.6	
Q3376-03	PR132-COMP2-20251016	20	1.11	10.13	11.24	6.45	52.7	
Q3376-04	PR132-S12-047072-20251016	21	1.15	10.70	11.85	6.64	51.3	
Q3376-05	PR132-S12-020047-20251016	22	1.13	10.49	11.62	8.14	66.8	
Q3381-01	VNJ-222	23	1.18	10.38	11.56	10.46	89.4	
Q3381-03	VNJ-245	24	1.18	10.64	11.82	9.86	81.6	
Q3381-05	RBR200059	25	1.11	10.71	11.82	10.6	88.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 10/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:25
Out Date: 10/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB137576

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3381-07	VNJ-255	26	1.16	10.11	11.27	10.51	92.5	
Q3382-01	CENTRAL-AVE-TP	27	1.14	10.73	11.87	10.25	84.9	
Q3382-02	CENTRAL-AVE-TP-EPH-2	28	1.16	10.81	11.97	9.78	79.7	
Q3383-01	OR-03-101725	29	1.13	10.60	11.73	10.88	92.0	
Q3383-02	OR-03-101725-E2	30	1.14	10.91	12.05	11.07	91.0	
Q3386-01	237	38	1.15	10.68	11.83	11.2	94.1	
Q3386-02	237-E2	39	1.15	10.85	12.00	11.2	92.6	
Q3387-01	BC289050-1-1	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3387-02	BC289050-1-2	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3387-03	BC289050-2-1	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3387-04	BC289050-2-2	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3388-01	461	44	1.00	1.00	2.00	2.00	100.0	soily-debris
Q3389-01	KMH472J-1-1	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3389-02	KMH472J-1-2	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3390-01	4175	47	1.00	1.00	2.00	2.00	100.0	debris
Q3390-03	340	48	1.18	10.76	11.94	10.34	85.1	
Q3390-04	340-E2	49	1.16	10.88	12.04	9.11	73.1	
Q3391-01	RCA	31	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3392-01	MH-20	32	1.18	10.77	11.95	10.9	90.3	
Q3392-02	MH-20-EPH	33	1.16	11.00	12.16	11.07	90.1	
Q3392-03	MH-20-VOC	34	1.18	10.89	12.07	10.69	87.3	
Q3392-05	MH-19	35	1.16	10.50	11.66	10.34	87.4	
Q3392-06	MH-19-EPH	36	1.12	10.87	11.99	10.41	85.5	
Q3392-07	MH-19-VOC	37	1.16	10.50	11.66	10.37	87.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137516

WorkList Name : %1-101725

WorkList ID : 192523

Department : Wet-Chemistry

Date : 10-17-2025 10:20:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3373-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3373-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	J32	10/10/2025	Chemtech -SO
Q3374-01	TP-4-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/16/2025	Chemtech -SO
Q3374-02	TP-4-WC-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/16/2025	Chemtech -SO
Q3374-03	TP-4-WC-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/16/2025	Chemtech -SO
Q3374-05	TP-5-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3374-06	TP-5-WC-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3374-07	TP-5-WC-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3375-01	PR132-S02-074099-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-02	PR132-S04-000013-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-03	PR132-S05-000057-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-04	PR132-S02-010074-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3375-05	PR132-DP02-074099-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-01	PR132-S05-057082-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-02	PR132-DP01-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-03	PR132-COMP2-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO
Q3376-04	PR132-S12-047072-20251016	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/16/2025	Chemtech -SO

Date/Time 10/17/25 16:00

Raw Sample Received by: 80 wvc

Raw Sample Relinquished by: CP (CSM)

Date/Time 10/17/25

Raw Sample Received by: CP (CSM)

Raw Sample Relinquished by: 80 wvc

WORKLIST(Hardcopy Internal Chain)

R 137576

WorkList Name : %1-101725

WorkList ID : 192523

Department : Wet-Chemistry

Date : 10-17-2025 10:20:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3376-05	PR132-S12-020047-20251016	Solid	Percent Solids	Cool 4 deg C	AEC002	D31	10/16/2025	Chemtech -SO
Q3381-01	VNJ-222	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3381-03	VNJ-245	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3381-05	RBR200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3381-07	VNJ-255	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3382-01	CENTRAL-AVE-TP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3382-02	CENTRAL-AVE-TP-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3383-01	OR-03-101725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/17/2025	Chemtech -SO
Q3383-02	OR-03-101725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/17/2025	Chemtech -SO
Q3386-01	237	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3386-02	237-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3387-01	BC289050-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3387-02	BC289050-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3387-03	BC289050-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3387-04	BC289050-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3388-01	461	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3389-01	KMH472J-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3389-02	KMH472J-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3390-01	4175	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3390-03	340	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO
Q3390-04	340-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/17/2025	Chemtech -SO

Date/Time 10/17/25 16:00
Raw Sample Received by: JH WWC
Raw Sample Relinquished by: CH (SM)

Date/Time 10/17/25 17:13
Raw Sample Received by: CFSM

WORKLIST(Hardcopy Internal Chain)

137516

WorkList Name : %1-101725

WorkList ID : 192523

Department : Wet-Chemistry

Date : 10-17-2025 10:20:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3391-01	RCA	Solid	Percent Solids	Cool 4 deg C	YANN01	D31	09/18/2025	Chemtech -SO
Q3392-01	MH-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-02	MH-20-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-03	MH-20-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-05	MH-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-06	MH-19-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3392-07	MH-19-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO

Date/Time

10/17/25 16:00

Raw Sample Received by:

78 WWC

Raw Sample Relinquished by:

CFCSM/

Date/Time

10/17/25 17:33

Raw Sample Received by:

CFCSM/

Raw Sample Relinquished by:

78 WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH **Extraction By:** EH

Balance check: EH **Filter By:** RS

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 10/20/2025

Extraction Start Time : 09:32

Extraction End Date : 10/20/2025

Extraction End Time : 13:00

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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2652
Methylene Chloride	N/A	E3980
Sand	N/A	E3951
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:

1.5ML Vial Lot # 2210443.Q3388-01 & Q3390-01 used Limited volume as samples are oily debries.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/20/25	RS (Ext Lab)	JY/SVOC
13:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/20/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170165BL	SBLK165	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U2-1
PB170165BS	SLCS165	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3374-01	TP-4-WC	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		3
Q3374-05	TP-5-WC	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		4
Q3375-01	PR132-S02-074099-2025 1016	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		5
Q3375-02	PR132-S04-000013-2025 1016	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		6
Q3375-03	PR132-S05-000057-2025 1016	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		U3-1
Q3375-04	PR132-S02-010074-2025 1016	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		2
Q3375-05	PR132-DP02-074099-202 51016	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q3381-01	VNJ-222	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3381-03	VNJ-245	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		5
Q3381-03MS	VNJ-245MS	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		6
Q3381-03MS D	VNJ-245MSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		U4-1
Q3381-05	RBR200059	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3381-07	VNJ-255	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3382-01	CENTRAL-AVE-TP	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		4
Q3383-01	OR-03-101725	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		5
Q3386-01	237	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		6
Q3388-01	461	SVOC-TCL BNA -20	5.01	N/A	ritesh	Evelyn	1	E	Oily Debris	U5-1
Q3390-01	4175	SVOC-TCL BNA -20	5.04	N/A	ritesh	Evelyn	1	E	Oily Debris	2
Q3390-03	340	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q3392-01	MH-20	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3392-05	MH-19	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3381B WorkList ID : 192554 Department : Extraction Date : 10-20-2025 09:26:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3374-01	TP-4-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/16/2025	8270E
Q3374-05	TP-5-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3375-01	PR132-S02-074099-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-02	PR132-S04-000013-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-03	PR132-S05-000057-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-04	PR132-S02-010074-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3375-05	PR132-DP02-074099-20251016	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/16/2025	8270E
Q3381-01	VNJ-222	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3381-03	VNJ-245	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3381-05	RBR200059	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3381-07	VNJ-255	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3382-01	CENTRAL-AVE-TP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3383-01	OR-03-101725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	10/17/2025	8270E
Q3386-01	237	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3388-01	461	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3390-01	4175	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3390-03	340	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/17/2025	8270E
Q3392-01	MH-20	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E
Q3392-05	MH-19	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/17/2025	8270E

Date/Time 10/20/25 9:30
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP

Date/Time 10/20/25 10:00
Raw Sample Received by: CP
Raw Sample Relinquished by: RS (Ext Lab)

Prep Standard - Chemical Standard Summary

Order ID : Q3375
Test : SVOC-TCL BNA -20
Prepbatch ID : PB170165,
Sequence ID/Qc Batch ID: BF102025,bf102125,BG102025,

Standard ID :
 EP2641,EP2652,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6869,SP6871,SP6872,SP6875,

Chemical ID :
 10ul/1000ul
 sample,E3875,E3932,E3951,E3954,E3965,E3972,E3973,E3980,S11073,S11484,S11652,S11807,S11808,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12739,S12776,S12903,S12904,S12905,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13178,S13207,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,

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>
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2641	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel
09/16/2025								

FROM 8000.00000ml of E3972 + 8000.00000ml of E3973 = Final Quantity: 16000.000 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>
3923	Baked Sodium Sulfate	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SC ALE_2	None	Riteshkumar Patel
(EX-SC-2)								

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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>
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6856	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.04000ml of S13207 + 0.20000ml of S12197 + 0.30000ml of S12306 + 0.40000ml of S12220 + 0.50000ml of S11807 + 0.50000ml of S12245 + 0.50000ml of S12776 + 0.50000ml of S13214 + 0.50000ml of S13233 + 0.70000ml of S12307 + 1.00000ml of S12739 + 4.86000ml of E3954 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4216	80ng ICC	SP6857	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.20000ml of E3954 + 0.80000ml of SP6856 = Final Quantity: 1.010 ml

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>
4217	60ng ICC	SP6858	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
08/22/2025								

FROM 0.01000ml of S13170 + 0.40000ml of E3954 + 0.60000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4218	50ng ICC	SP6859	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
08/22/2025								

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6856 = Final Quantity: 1.010 ml

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>
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4220	20ng ICC	SP6861	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.80000ml of E3954 + 0.20000ml of SP6856 = Final Quantity: 1.010 ml

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>
4221	10ng ICC	SP6862	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.75000ml of E3954 + 0.25000ml of SP6860 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4222	5ng ICC	SP6863	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.87500ml of E3954 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

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>
4223	2.5ng ICC	SP6864	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6863 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
171	8270/625 Spike Solution, 50/100 PPM	SP6865	08/25/2025	10/30/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								08/26/2025

FROM 0.40000ml of S11484 + 0.40000ml of S11652 + 0.40000ml of S12552 + 0.40000ml of S13149 + 0.40000ml of S13160 + 0.40000ml of S13207 + 0.90000ml of S12507 + 0.90000ml of S13089 + 1.10000ml of S13120 + 1.20000ml of S12553 + 1.20000ml of S12554 + 1.20000ml of S12555 + 1.20000ml of S12556 + 1.20000ml of S12557 + 1.20000ml of S12558 + 1.20000ml of S12559 + 1.20000ml of S13269 + 1.30000ml of S11808 + 1.30000ml of S12508 + 1.30000ml of S13090 + 1.30000ml of S13091 + 1.30000ml of S13092 + 1.30000ml of S13093 + 1.30000ml of S13094 + 1.30000ml of S13095 + 1.30000ml of S13096 + 1.30000ml of S13118 + 1.30000ml of S13119 + 1.30000ml of S13239 + 1.30000ml of S13240 + 1.30000ml of S13241 + 1.30000ml of S13242 + 1.30000ml of S13243 + 1.30000ml of S13244 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

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>
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6869	09/10/2025	01/02/2026	Jagrut Upadhyay	None	None	Rahul Chavli
								09/16/2025

FROM 3.00000ml of S12197 + 3.00000ml of S12220 + 5.60000ml of S12221 + 5.60000ml of S12903 + 5.80000ml of S12904 + 6.00000ml of S12199 + 6.00000ml of S12200 + 965.00000ml of E3965 = Final Quantity: 1000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6871	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel
								09/27/2025

FROM 0.04000ml of S12201 + 0.08000ml of S12905 + 0.10000ml of S11073 + 0.20000ml of S12560 + 0.20000ml of S13097 + 0.20000ml of S13244 + 1.18000ml of E3973 = Final Quantity: 2.000 ml

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	SP6872	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel
								09/27/2025

FROM 0.01000ml of S13175 + 0.60000ml of E3973 + 0.40000ml of SP6871 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3895	50 ug/ml DFTPP 8270E	SP6875	09/30/2025	03/30/2026	Rahul Chavli	None	None	Jagrut Upadhyay
								09/30/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml

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	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3965

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0187043	11/16/2025	05/16/2025 / Jagrut	02/06/2023 / Christian	S11073

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/30/2026	07/30/2025 / Rahul	11/09/2023 / Yogesh	S11652

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	02/25/2026	08/25/2025 / Jagrut	11/21/2023 / rahul	S11808

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12199

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/22/2026	09/22/2025 / Jagrut	03/15/2024 / Rahul	S12201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12221

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	12/16/2025	06/16/2025 / Jagrut	05/14/2024 / Rahul	S12245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12307

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12508

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12553

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12554

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12555

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12556

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12557

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12558

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12559

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	03/22/2026	09/22/2025 / Jagrut	07/23/2024 / RAHUL	S12560

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH ₂ Cl ₂ , 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/12/2026	08/12/2025 / Jagrut	10/08/2024 / anahy	S12739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12903

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/22/2026	09/22/2025 / Jagrut	12/09/2024 / anahy	S12905

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13090

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13091

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13092

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13093

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13094

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13096

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	09/03/2025 / Jagrut	05/20/2025 / Rahul	S13097

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13118

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13119

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13120

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	02/25/2026	08/25/2025 / Jagrut	11/13/2023 / Rahul	S13149

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	02/25/2026	08/25/2025 / Jagrut	06/04/2025 / Rahul	S13160

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	03/15/2026	09/15/2025 / rahul	06/02/2025 / anahy	S13175

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	04/10/2026	10/10/2025 / Jagrut	06/02/2025 / anahy	S13178

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	02/12/2026	08/12/2025 / Jagrut	06/11/2025 / anahy	S13207

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	02/12/2026	08/12/2025 / Jagrut	07/10/2025 / anahy	S13214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul, Chromatographic, CS-347186	A0228192	02/12/2026	08/12/2025 / Jagrut	08/01/2025 / Rahul	S13233

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] [CS 4978-1]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13239

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13240

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13241

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13242

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13243

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13244

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0228494	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13269

[CS 4978-2]



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:

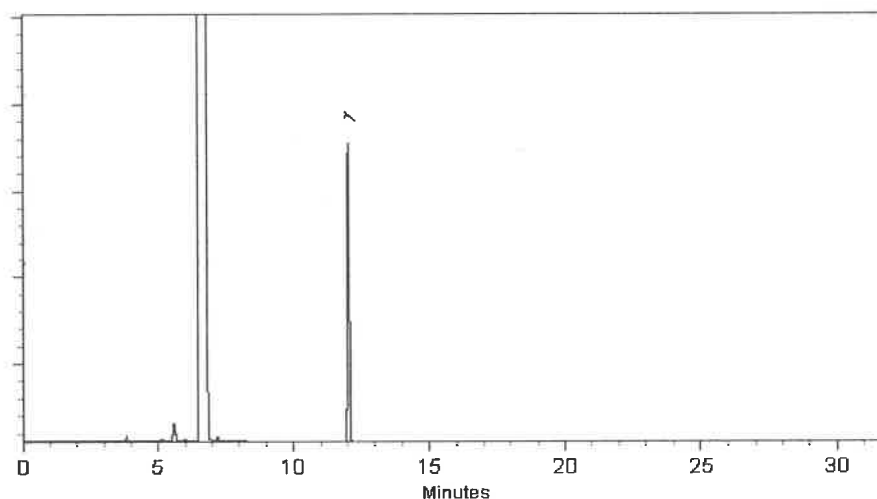
200°C

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantorsm



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Rec on 8/20/25

E3965

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

RS

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. 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	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date: 2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8 \%$	99.9 %
Color (APHA)	≤ 10	5
Residue after Evaporation	$\leq 1.0 \text{ ppm}$	0.3 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	<0.1
Chloride (Cl)	$\leq 10 \text{ ppm}$	<5 ppm
Water (by KF, coulometric)	$\leq 0.02 \%$	<0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS
7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

REC. on 10/10/25
RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700



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. : 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.



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gravimetric



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard
Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649
↓
511658 } Y.P.
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023

Balance: B251644995

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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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:

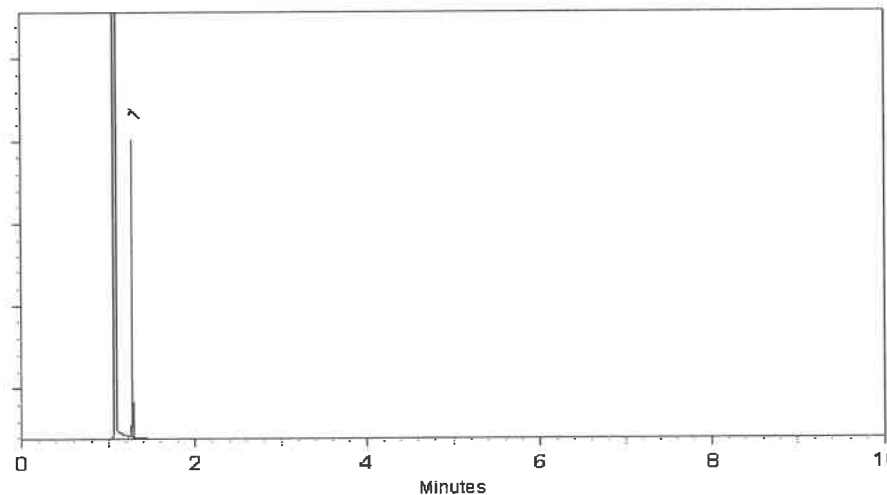
FID

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.
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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/
↓ } 03/18/24
512206 }

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:

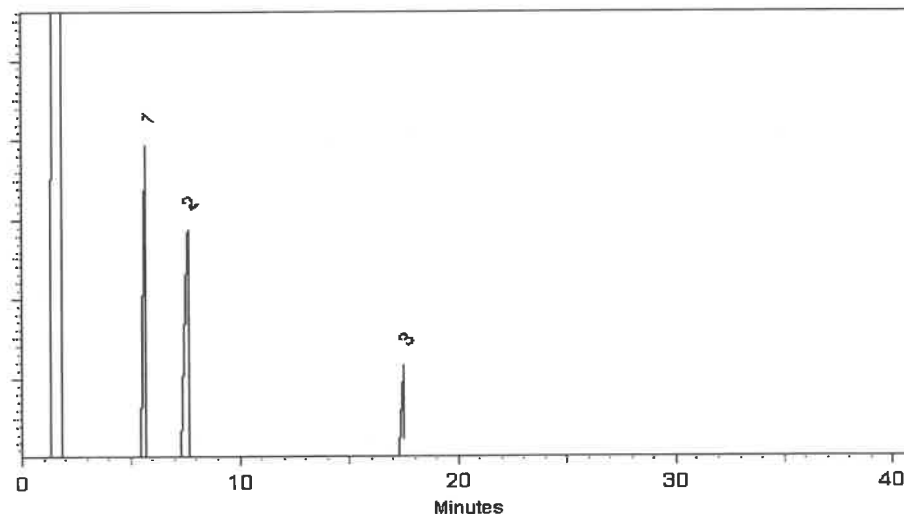
FID

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 B. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : December 31, 2029 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

S12207 } RC/
↓
S12221 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-S (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

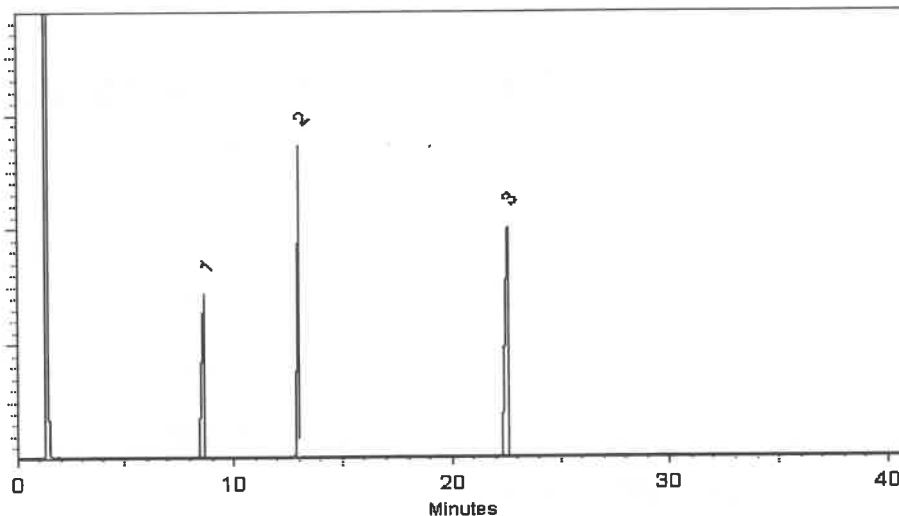
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Catalog No. : 30409 **Lot No.:** A0206650

Description : Pyridine Standard

Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

512242 } RC/
↓
512254 } 5/15/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	2,020.0 µg/mL	+/- 33.0924

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

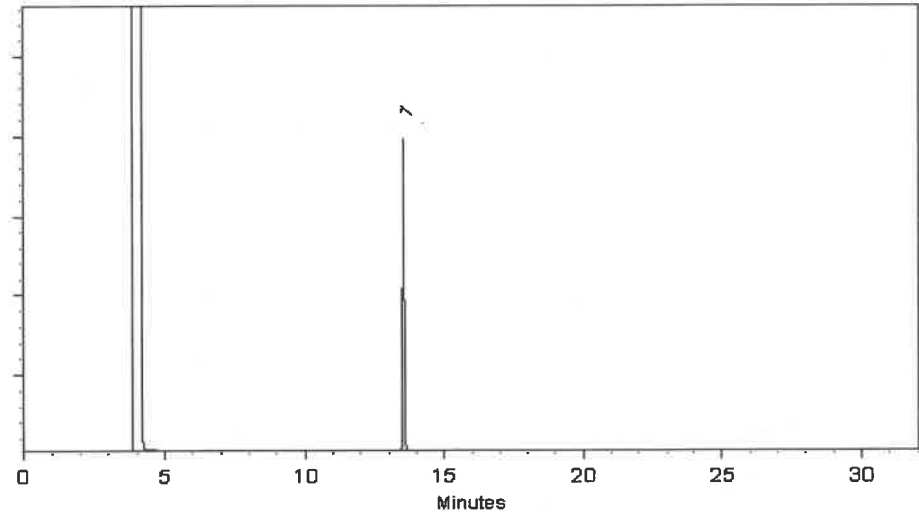
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 16-Jan-2024

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard
Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

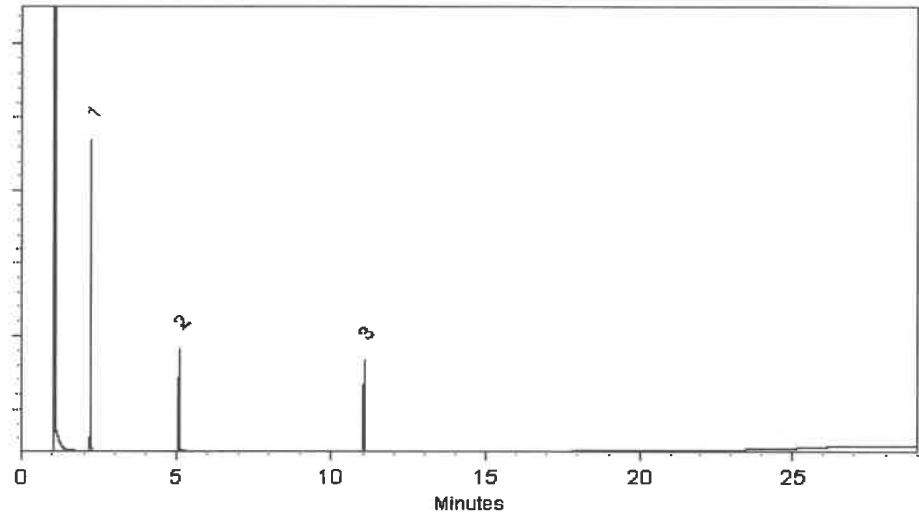
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard
Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

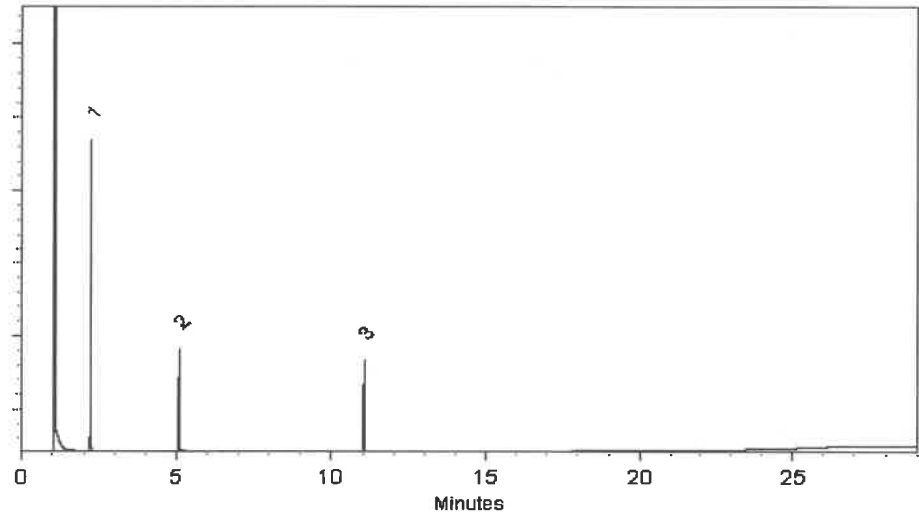
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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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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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. : 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



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture
GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577
↓
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.)

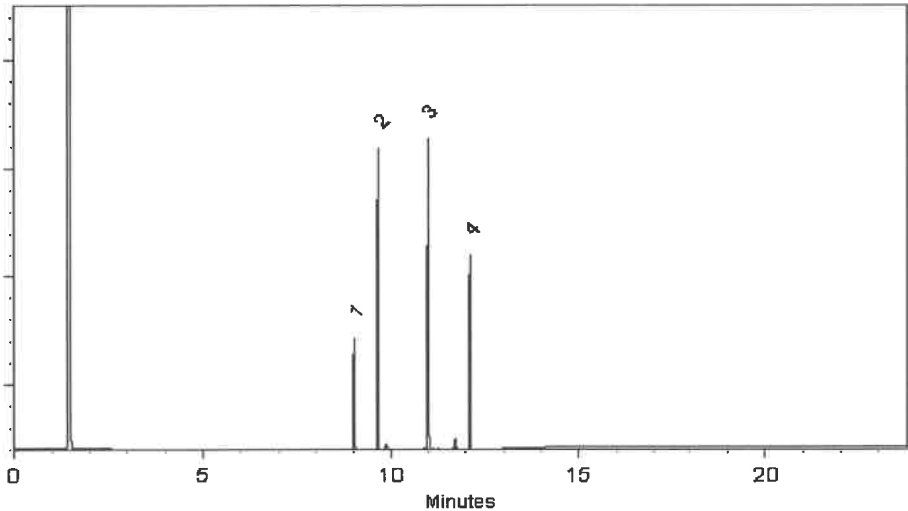
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

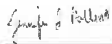
Inj. Vol
1µl



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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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. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix
OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12736 } AC
↓
S12754 } 10/9/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/-	19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/-	19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/-	19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/-	19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/-	19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/-	19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/-	19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/-	19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/-	19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/-	19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/-	18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/-	19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/-	19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/-	19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/-	19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/-	19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/-	19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/-	18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/-	19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/-	19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/-	19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/-	19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/-	19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/-	19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/-	19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/-	19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/-	19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/-	19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/-	19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/-	19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/-	19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/-	19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/-	19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/-	19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/-	19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/- 19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/- 19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/- 19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/- 19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/- 19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/- 19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/- 19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/- 19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/- 19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/- 19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/- 19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/- 19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/- 19.1863

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.



CERTIFIED WEIGHT REPORT

Part Number:

90494

Lot Number:

061323

Description:

1-Methylnaphthalene

Solvent(s): Lot#

Methylene chloride C21F09CAS0000DCM

Expiration Date:

061328

Recommended Storage:

Refrigerate (4 °C)

Nominal Concentration (µg/mL):

2000

NIST Test ID#:

6UTB

5E-05 Balance Uncertainty

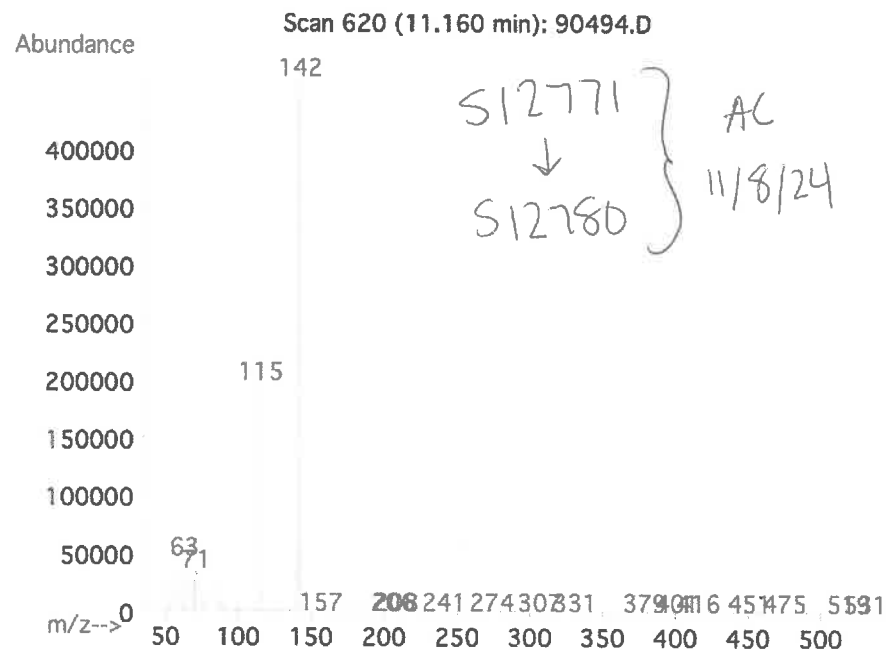
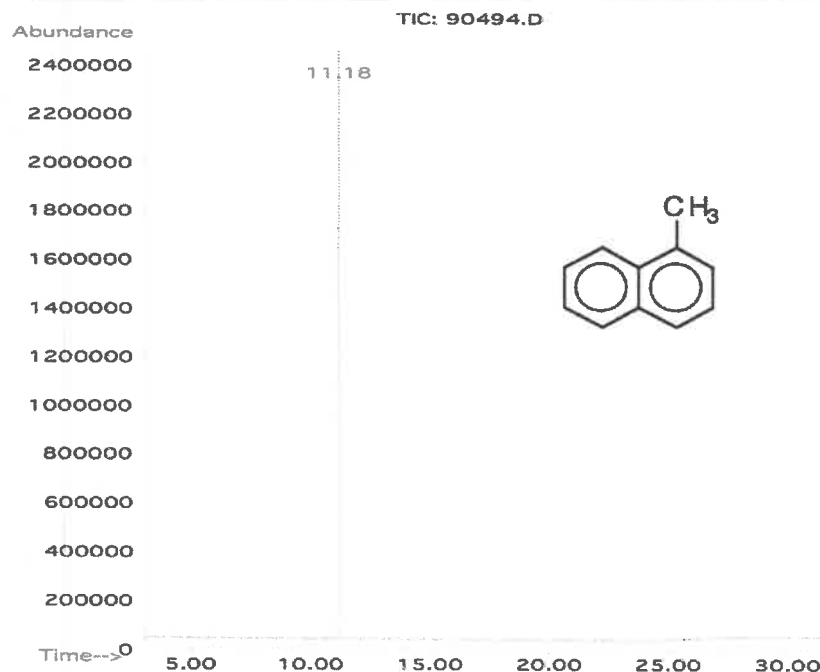
0.031 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

		061323
Formulated By:	Prashant Chauhan	DATE
		061323
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)		
										CAS#	OSHA PEL (TWA)	LD50
1. 1-Methylnaphthalene	313	04413BX	2000	98	0.2	0.20417	0.20430	2001.2	8.3	90-12-0	N/A	ori-rat 1840mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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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.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

513088 }
↓
513117 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	18
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

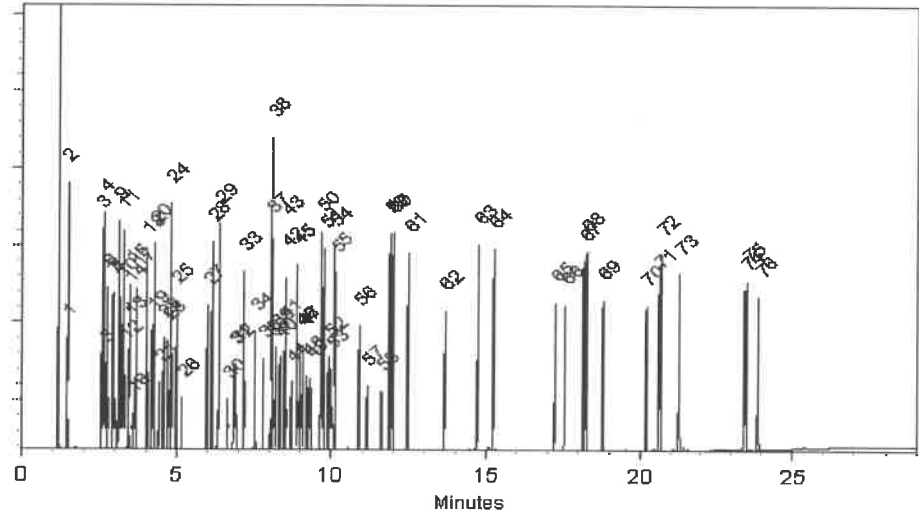
FID

Split Vent:

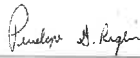
100 ml/min.

Inj. Vol

1µl

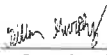


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2029 **Storage:** 0°C or colder
Ship: Ambient

513118 } RC/
↓
513147 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

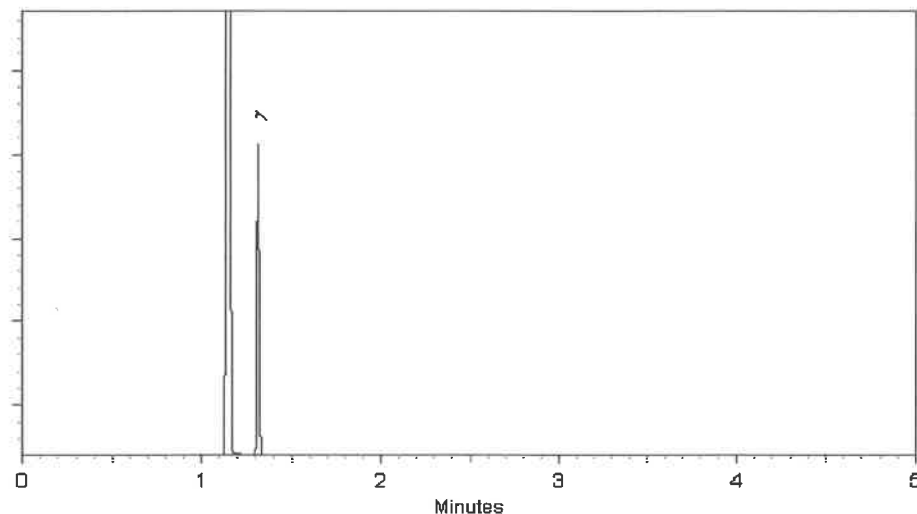
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024

Balance Serial # 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard
Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

513158 } RC/
↓
513167 } 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025

Balance: C322230531

REVIEWED
By: [Signature] Murphy at 11:21 am, Jan 05, 2025

Manufactured under Restek's ISO 9001:2015
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Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard
Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

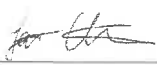
Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

S13198
↓
S13207 } AC
6/11/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%


Laith Clemente - Operations Technician I

Date Mixed: 09-Jun-2025

Balance: 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Catalog No. : 31879 **Lot No.:** A0221395

Description : Benzoic Acid Mix
Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

S13214 } AC
↓
S13218 } 7/10/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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chromatographic



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 582978

Lot No.: A0228192

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2028

Storage: 0°C or colder

Ship: Ambient

513229 } RC/
↓
513238 } 8/1/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

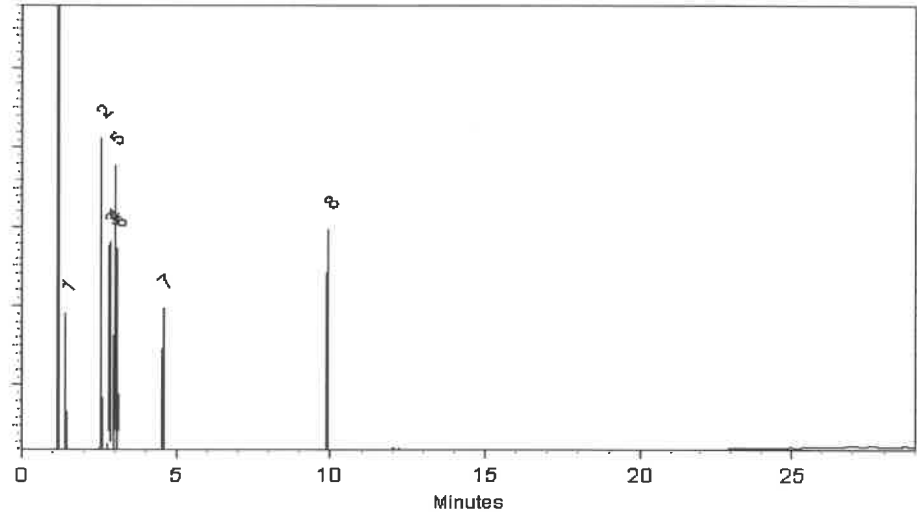
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres
Wilner Torres - Operation Tech I

Date Mixed: 27-Jul-2025

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Jul-2025

REVIEWED
By: *William Murphy* at 10:51 pm, Jul 30, 2025

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓
S13268 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Sucka - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 Lot No.: A0228494

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : August 31, 2027

Storage: 10°C or colder

Ship: Ambient

513269 } RC1
↓
513298 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.0 µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0 µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0 µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0 µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0 µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 04-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702
Description : Custom Hexachlorocyclopentadiene Standard
Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : September 30, 2026 **Storage:** 10°C or colder
Ship: Ambient

513148
↓
513157 } RC
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023

Balance: B707717271

Manufactured under Restek's ISO 9001:2015
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SHIPPING DOCUMENTS

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM
ADDRESS: 605 3rd Avenue,
CITY: New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

PROJECT NAME: Port Richmond B2
PROJECT NO.: 60693795 LOCATION: Staten Island
PROJECT MANAGER: Rob Forstner
e-mail: robert.forstner@aecom.com
PHONE: 212-377-8721 FAX:

BILL TO: AECOM PO#:
ADDRESS: 605 3rd Ave
CITY: New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner PHONE: 212-377-8721

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ 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. SVOCs
2. Pesticides-TCL
3. Mercury-Metals
4. PCBs/Hexachloro
5. Dioxin
6. Grain Silica
7. TOC
8. VOCs
9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	PR132-S02-074099-20251016	soil	X	X	10/16	840	11	X	X	X	X	X	X	X	X		
2.	PR132-S04-000013-20251016	soil	X	X	10/16	945	11	X	X	X	X	X	X	X	X		
3.	PR132-S04	soil	X	X	10/16												
4.	PR132-S05-000057-20251016	soil	X	X	10/16	1110	11	X	X	X	X	X	X	X	X		
5.	PR132-S02-010074-20251016	soil	X	X	10/16	850	11	X	X	X	X	X	X	X	X		
6.	PR132-DP02-20251016	soil	X	X	10/16	1113	11	X	X	X	X	X	X	X	X		
7.	Temp Blank	water													X		
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Jim Aldersen</u>	DATE/TIME: <u>1650 10/16/25</u>	RECEIVED BY: <u>[Signature]</u> <u>1650 10-16-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.2</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: <u>1805 10-16-25</u>	RECEIVED BY: 3.	
Page ____ of ____			CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3375	AECO02	Order Date : 10/17/2025 10:32:00 AM	Project Mgr :
Client Name : AECOM		Project Name : AE1-CTY 3.2.Z-PR-DOCK	Report Type : NYS ASP B
Client Contact : Rob Forstner		Receive DateTime : 10/16/2025 6:15:00 PM	EDD Type : EQUIS
Invoice Name : AECOM		Purchase Order :	Hard Copy Date :
Invoice Contact : Rob Forstner			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3375-01	PR132-S02-074099-20251016	Solid	10/16/2025	08:40	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3375-02	PR132-S04-000013-20251016	Solid	10/16/2025	09:45	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3375-03	PR132-S05-000057-20251016	Solid	10/16/2025	10:10	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3375-04	PR132-S02-010074-20251016	Solid	10/16/2025	08:50	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3375-05	PR132-DP02-074099-20251016	Solid	10/16/2025	11:13	VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By : cl

Date / Time : 10/17/25 13:35

Received By : Sam

Date / Time : 10/17/25 13:35

Storage Area : VOA Refridgerator Room

Rg # 6
F22